Steyning Grammar School

Flood Risk Assessment and Drainage Strategy

SRP1121-CTP-00-EX-T-C-8400

PM_30_30_29

February 2026

B1641

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Document Status and Signatures

Document Status		
Document Reference: SRP1121-CTP-00-EX-T-C-8400 Flood Risk Assessment and Drainage Strategy		
Issue Date	Version	Rev
16/02/2026	Preliminary	P01

File location: N:\Jobs\B1500-B1749\B1641 Steyning\4 - Reports and Specifications\FRA

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Executive Summary

CTP Consulting Engineers LLP has been appointed by BAM Construction Ltd to prepare a Flood Risk Assessment (FRA) and Surface Water Drainage Strategy in support of the redevelopment of Steyning Grammar School at the Shooting Field site. The scheme forms part of the Department for Education School Rebuilding Programme and will consolidate the existing multi-campus school into a single modern facility.

Environment Agency mapping confirms that the site lies wholly within Flood Zone 1, the area of lowest probability of flooding from rivers or the sea (<0.1% annual probability). The development therefore satisfies the Sequential Test.

An assessment of key sources of flooding has been carried out and is summarised below:

- Flooding from Rivers and the Sea Negligible
- Residual risk of Infrastructure Failure Negligible
- Flooding from Groundwater Low Risk
- Flooding from Surface water Low Risk
- Flooding from Sewers and Drainage Low Risk

The overall risk of flooding to this development is considered to be Low.

Infiltration is not feasible due to low permeability clay soils, underlying Gault Formation mudstone and locally elevated groundwater levels.

Surface water will be managed through a SuDS-led approach incorporating:

- Biodiverse green roofs
- Permeable paving
- Below-ground attenuation storage
- Rainwater harvesting for irrigation and educational use
- Controlled discharge to the eastern boundary watercourse and the public surface water sewer

Proposed discharge rates are restricted to 3 l/s/ha in accordance with WSCC requirements. Hydraulic modelling confirms no increase in flood risk on or off site.

A new gravity foul drainage network will discharge to the existing public foul sewer, subject to statutory approvals.

1 Introduction

1.1 CTP Consulting Engineers LLP has been appointed by BAM Construction Ltd to prepare a site-specific Flood Risk Assessment (FRA) and Drainage Strategy (DS) as part of a planning application for the redevelopment at Steyning Grammar School Shooting Fields Site. The proposals aim to consolidate the existing school comprising three separate sites in and around Steyning, West Sussex. The new facility will replace the majority of the existing school buildings and include three state of the art teaching blocks and a modern sports block.

1.2 This FRA has been prepared in compliance with guidance given in the National Planning Policy Framework (NPPF) (December 2024) and the latest Planning Practice Guidance.

1.3 The FRA covers the identification of all sources of flooding, their impact on the development, and their residual risk of increasing surface water flooding elsewhere and any mitigation measures required.

1.4 Reference will be made to the following sources of information:

- National Planning Policy Framework (2024) and the supporting Planning Policy Guidance
- National Standards for Sustainable Drainage Systems (SuDS) (2025)
- Horsham District Council Strategic Flood Risk Assessment (HDC SFRA) (2010)
- Landmark's Flood Screening Report

1.5 CTP Consulting Engineers are appropriately qualified professionals with the skills and experience to design surface water drainage systems including SuDS and to carry out FRAs.

1.6 CTP has no responsibility to any other parties to whom this report may be circulated, in part or in full, and any such parties rely on the contents of this report solely at their own risk.

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2 Existing Site Conditions

2.0 Flood Zones

2.0.1 The Environment Agency uses Flood Zones to determine the flood vulnerability of every new development. These Flood Zones refer to the probability of river or sea flooding affecting the proposals, assuming no defences are present.

2.0.2 It can be seen from Figure 1 that the proposed site lies entirely within Flood Zone 1.

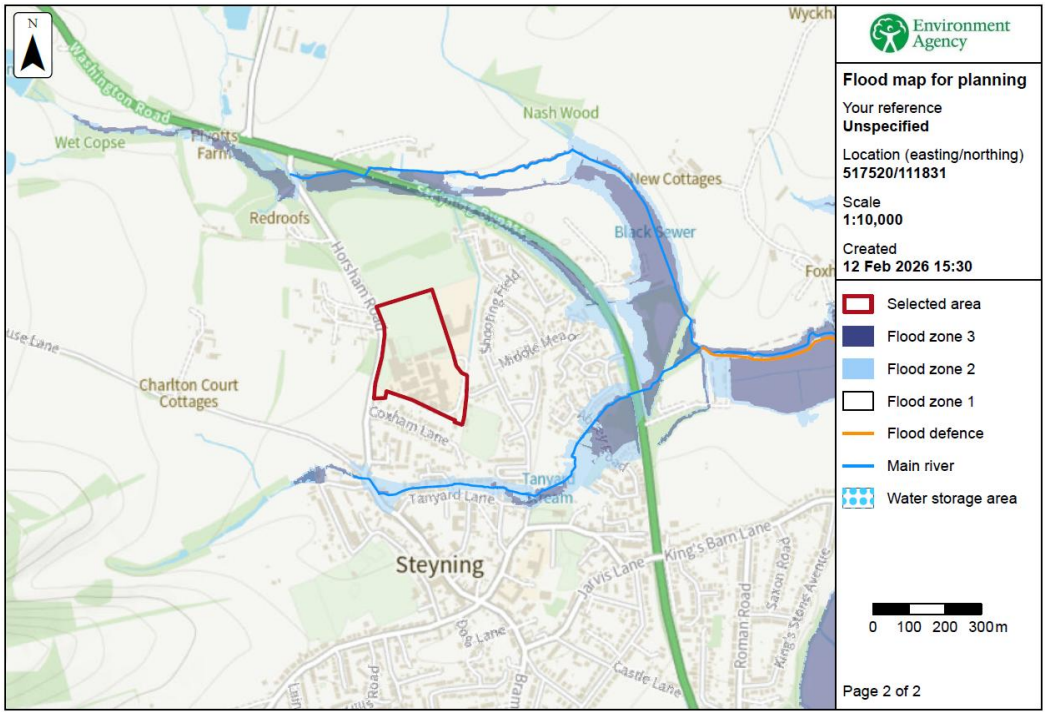


Figure 1: EA Flood Zones Map (GOV.UK website)

- Flood Zone 1 is a land having less than 1 in 1,000 annual probability of river or sea flooding, which is the lowest risk of flooding (<0.1%).

- Flood Zone 2 is assessed as having between a 1 in 100 and 1 in 1,000 annual probability of river flooding (1% - 0.1%) or between a 1 in 200 and 1 in 1,000 annual probability of sea flooding (0.5% - 0.1%) in any year.

- Flood Zone 3 is assessed as having a 1 in 100 or greater annual probability of river flooding (>1%) or a 1 in 200 or greater annual probability of flooding from the sea (>0.5%) but ignores the presence of defences.

2.1 Sequential Test

2.1.1 As set out in the National Planning Policy Framework (NPPF), the aim of the Sequential Test is to steer new development to areas with the lowest probability of flooding.

2.1.2 All of the proposed development is located within Flood Zone 1 (zone with the lowest probability of flooding), therefore meeting the requirements of the Sequential Test Approach.

2.2 Existing Site

2.2.1 The site lies in the northwest of Steyning town, bounded by Horsham Road to the west, the A283 and the school playing fields to the north, and residential housing to the east and south (Figure 2).

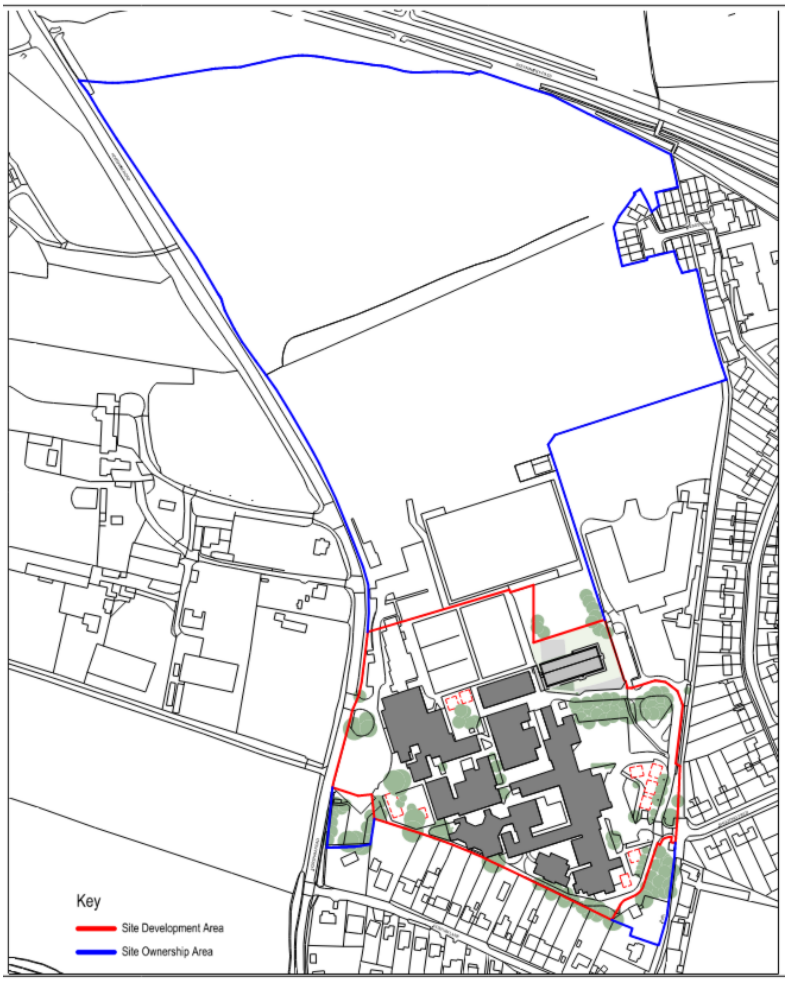


Figure 2: Existing School Site Location Plan

2.2.2 The primary access is located via a shared entrance with Steyning Primary School from Shooting Fields Road to the east, and a secondary entrance for students and coach drop-off via Horsham Road to the west.

2.2.3 Steyning Leisure Centre is also located on the site and shares the western access from Horsham Road (Figure 3). The development boundary covers approximately 5.97 ha, with the centre of the site at National Grid Reference 517539, 111817.



Figure 3: Existing Site Plan

2.2.1 The site is predominantly brownfield currently occupied by several single and two storey teaching blocks, a leisure centre to the west and sports facilities in the north. All existing buildings on the site will be demolished except for EFAG (the leisure centre), EFAH, EFAI and the PSPB block (Figure 4).

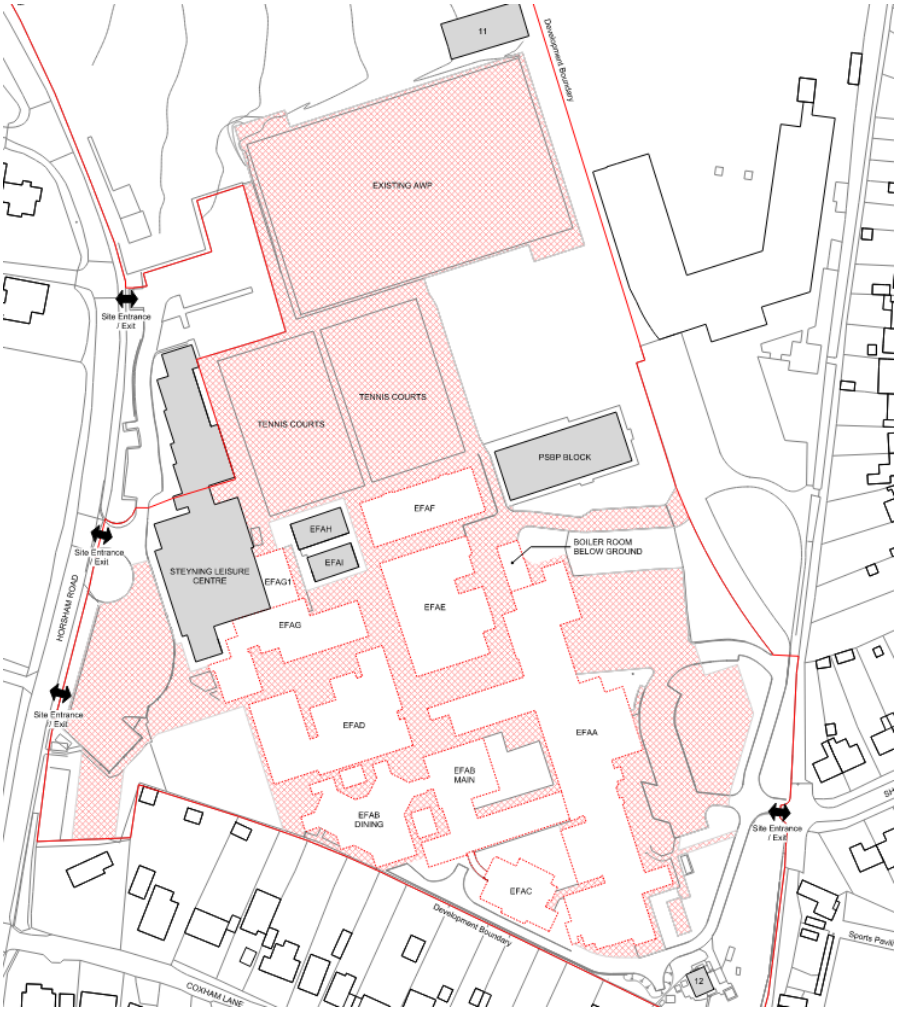


Figure 4: Site Demolition Plan

2.3 Topographical Survey

2.3.1 A topographical survey was undertaken by Site Vision Surveys in August 2023 (Appendix A).

2.3.2 The existing site levels vary from approximately 17.10m AOD in the north to 17.70m AOD in the southwestern corner and 14.30m AOD in the southeastern corner.

2.4 Ground Investigation, Site Geology and Groundwater Vulnerability

2.4.1 A site-specific Phase 2 Ground Investigation Interpretive Report was undertaken by Arcadis dated September 2023 (Report Ref: 10057335-AUK-XX-XX-RP-ZZ-0082-01).

2.4.2 The table below provides a summary of the geotechnical information from the investigation:

Existing Ground	The site is generally overlain by asphalt/bituminous surfacing (0.1–0.35 m thick), locally underlain by concrete. Beneath this, Made Ground is present across much of the site, typically extending to around 0.6 m bgl, increasing locally to 1.3 m (WS103A) and 2.2 m (WS101). The Made Ground comprises variable very soft to firm sandy clayey SILT/CLAY with gravel of chalk and flint, and inclusions of concrete, brick and bituminous material, with occasional organic material. In the southern part of the site, Head Deposits were encountered from approximately 0.0–0.6 m bgl, extending to depths of 0.9–2.1 m, comprising very soft to firm gravelly and sandy CLAY with flint and occasional organic matter. Underlying these superficial deposits is the Weathered Gault Formation, encountered from approximately 0.33–2.3 m bgl and proven to depths of at least 2.4–6.17 m bgl. This comprises soft becoming very stiff gravelly or sandy CLAY and sandy gravelly SILT with flint. The underlying Gault Formation (unweathered) was encountered at depths of 4.6–7.1 m bgl, comprising extremely weak to weak dark grey MUDSTONE, not fully penetrated in any location.
Infiltration	Due to the nature of the soils, predominantly clayey Made Ground, Head Deposits and Weathered Gault Clay, with underlying Gault mudstone, all of which are typically low permeability, infiltration is unlikely to be feasible and infiltration testing was not undertaken during the SI. Furthermore, soakaways are not suitable within Made Ground due to its variable and potentially contaminated composition, and any shallow groundwater would further limit infiltration performance.
Contamination	The made ground presents a low contamination risk.
Ground water	Groundwater strikes were encountered in BH101 and BH102 at depths of 1.0m and 1.25m bgl, respectively. Subsequent monitoring of nine installed wells recorded groundwater levels ranging between 0.16m and 3.06m bgl.
Ground gas	Elevated levels of carbon dioxide were present in BH103 with recommendations for continued testing. Based on current available information the site must be classified as Characteristic Situation 2 (CS2).

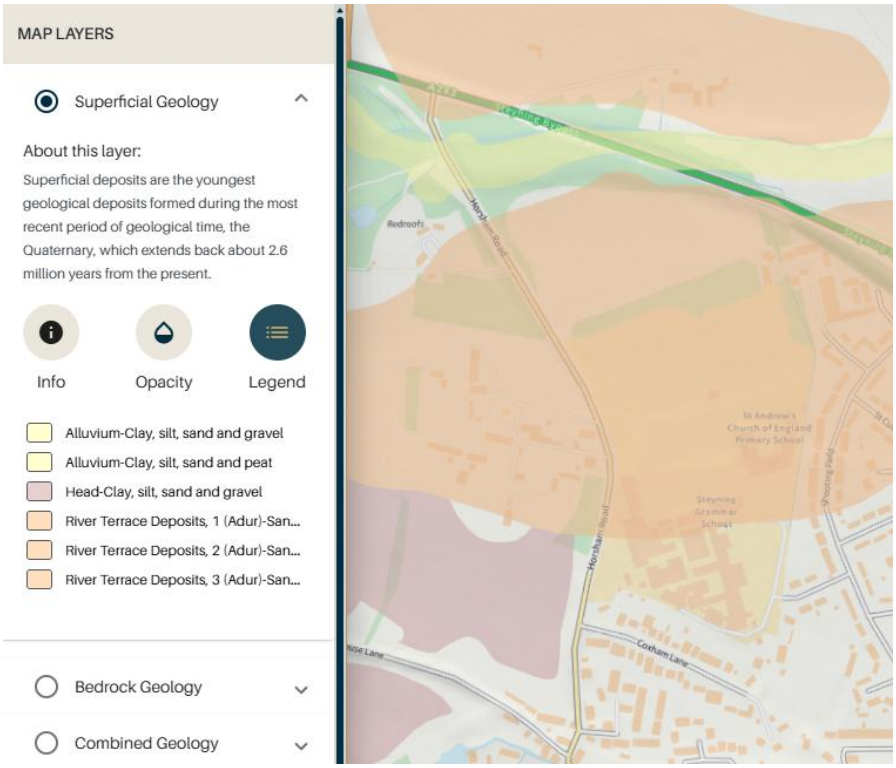


Figure 5: Superficial Deposits (extract from BGS website)

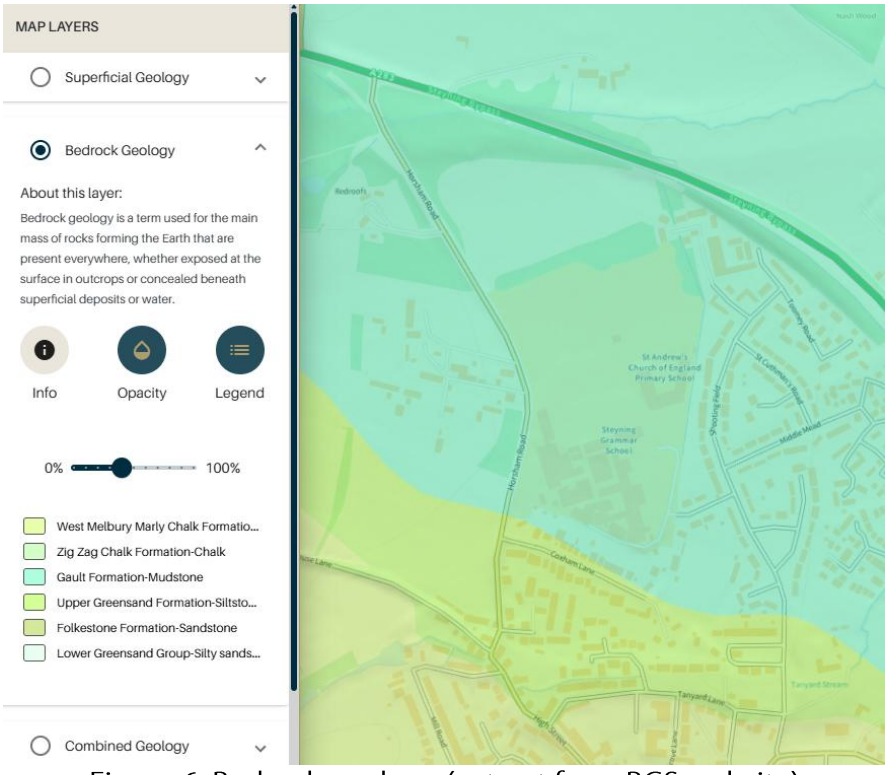


Figure 6: Bedrock geology (extract from BGS website)

2.4.3 Based on the MAGIC online records the site lies within a zone of unproductive aquifers in both the Superficial and the Bedrock layers (Figure 7).

Superficial Aquifer Designation	Unproductive
Bedrock Aquifer Designation	Unproductive

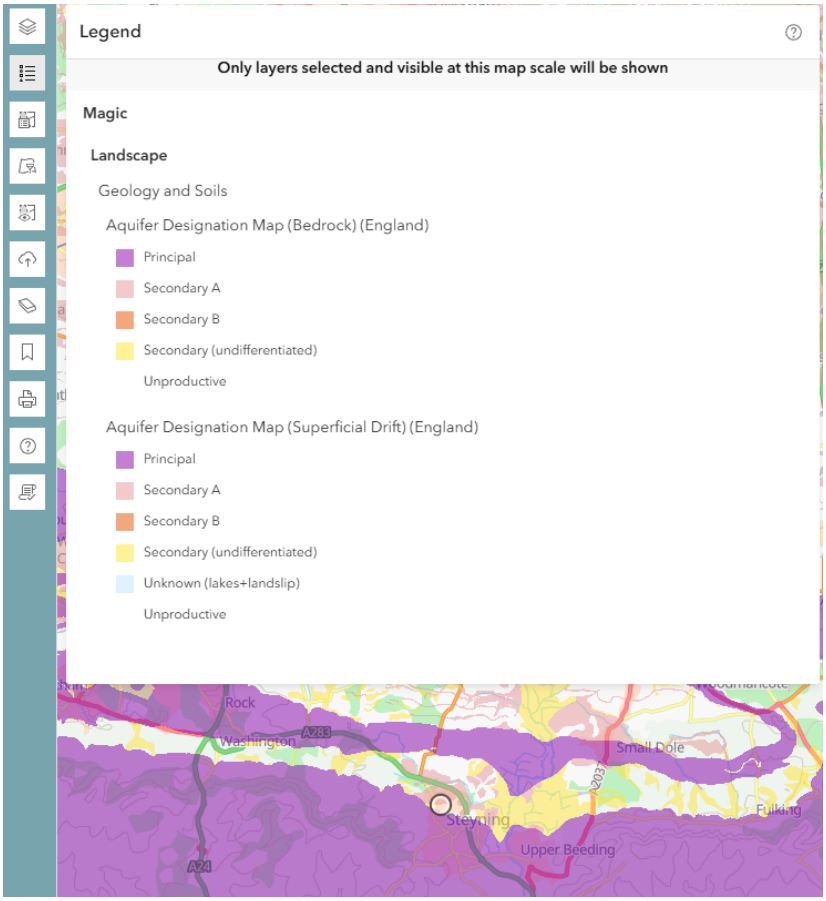


Figure 7: Superficial and Bedrock Aquifer plan (extract from MAGIC website)

2.4.4 Based on the MAGIC online records, the site sits across two distinct areas of both Low and Unproductive Groundwater Vulnerability (Figure 8).

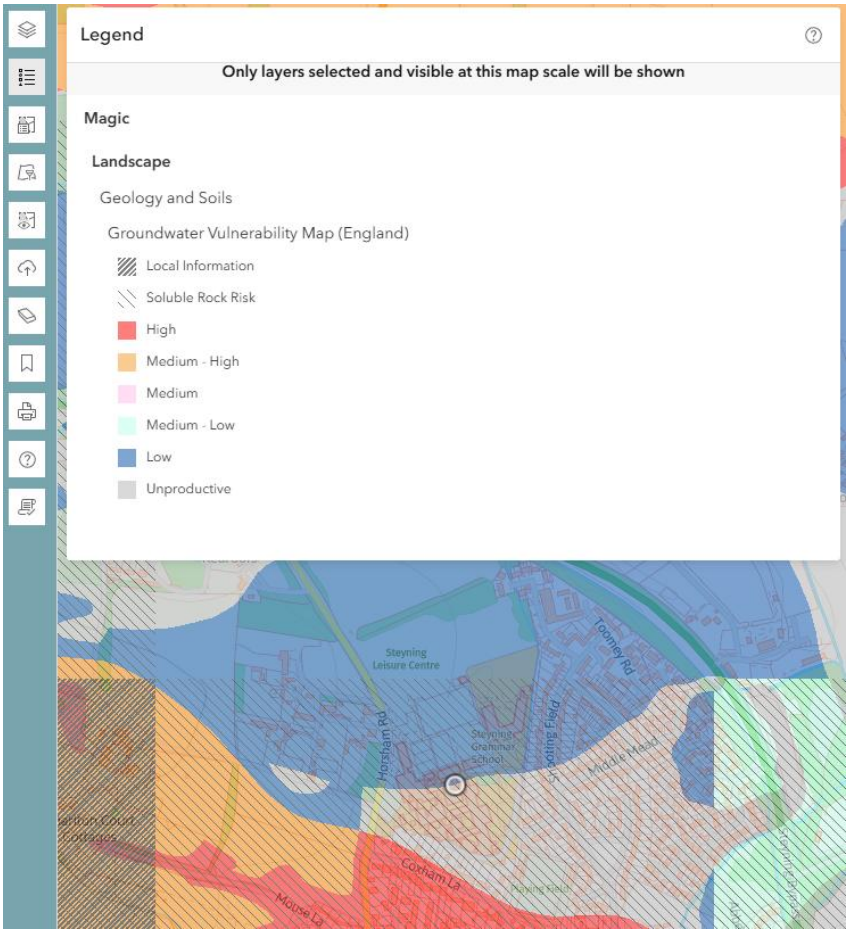


Figure 8: Groundwater Vulnerability (extract from MAGIC website)

2.5 Existing Watercourses

2.5.1 The school playing fields located to the north of the development are bounded by existing ditches along the eastern and northern boundaries.

2.5.2 The ditch to the east of the playing fields originates within the neighbouring Steyning Primary School and runs north, parallel to the playing fields, before passing beneath Reads Walk via a culvert. It then continues northwards and connects to the northern ditch at the A283 (Steyning Bypass).

2.5.3 The northern ditch, located immediately south of the A283, is heavily vegetated and runs in a west to east direction. This ditch is assumed to receive runoff from the A283, as it extends along the full length of the bypass.

2.5.4 These ditches are considered to be ordinary watercourses for the purposes of flood risk management. They lie outside the Environment Agency's (EA) Internal Drainage District and are not shown on the EA online Statutory Main River Map.

2.5.5 The ditches are also not located within an Internal Drainage Board (IDB) district and are therefore anticipated to fall under the consenting and regulatory remit of West Sussex County Council (WSCC) as Lead Local Flood Authority (LLFA).

2.5.6 The A283 ditch is understood to ultimately connect to the EA Main River (the Black Sewer) approximately 600m downstream.

2.5.7 The ditches have been inspected during site visits, including walking their accessible lengths to confirm viability as an outfall and to establish onward connectivity. The watercourses were observed to be in generally acceptable condition, with some maintenance required (e.g. clearance of localised debris and vegetation); however, no major obstructions or defects were identified at the time of inspection. For the preliminary issue of the ditch condition survey refer to document SRP1121-CTP-00-EX-T-C-8410 Condition Survey of Eastern Ditch.

2.6 Existing Drainage

2.6.1 Southern Water asset plan (Appendix B) indicate that public sewers are located in the vicinity of the Site. Public surface water and foul water manholes are located adjacent to the school's primary entrance on Shooting Field Road. Based on available utility survey information, these manholes form the principal discharge points for the school's existing drainage networks.

2.6.2 Public foul water sewers are also recorded to the west and south of the site within Horsham Road and Coxham Lane respectively. It is not considered that these sewers serve the school's existing drainage network. However, it is understood that foul flows from the Steyning Leisure Centre discharge through the school site and connect to the public manhole located at No. 7 Coxham Lane.

2.6.3 The majority of the proposed development area comprises previously developed brownfield land and thus the site is served by an extensive private drainage network, refer to the underground utilities survey (Appendix C). In general, the existing surface water and foul water systems are separated. However, isolated sections of the network appear to combine prior to discharging to the public foul sewer.

2.6.4 Existing surface water drainage from the Leisure Centre discharges eastwards through the proposed development area, where it connects to surface water sewers serving the school. The ultimate outfall of this system is currently unknown, as the sewer extends through the neighbouring Steyning Primary School site. It is assumed that the system discharges to the existing ditch located to the east of the Primary School, which flows northwards as described in Section 2.3.2. This assumption will be verified through further site investigations.

2.6.5 An existing 300mm diameter surface water sewer is located within the northern part of the development area, crossing the site from west to east. The origin of this sewer is unknown, although it is presumed to originate from Horsham Road. Records indicate that it discharges to the ditch located to the east of the playing fields.

2.6.6 Historic mapping provided by WSCC suggests that a watercourse may have historically crossed the site, potentially along a similar alignment to the existing surface water sewer. It is therefore possible that the former watercourse has been culverted via the 300mm diameter sewer. As part of the proposed works, this sewer will be diverted around the proposed buildings, with its hydraulic capacity and existing discharge location maintained.

2.6.7 It is currently unknown how the school's primary entrance is drained, as the underground utilities survey (Appendix C) does not identify any existing gullies or other positive drainage infrastructure. It is assumed that surface water runoff drains to the existing ditch to the east of the neighbouring primary school. This assumption will be verified through further site investigations, and the existing drainage will be made good where required. The need for additional positive drainage will also be assessed as part of the proposed development.

3 Site Specific Flood Risk Assessment

3.0 Sources of Flooding

3.0.1 The NPPF lists the key sources of flooding which could potentially affect the site. An assessment of how these forms of flooding may affect the site and details on how they will be managed safely if required, within the development are considered in the following summary:

3.1 Flooding from a River or Sea

3.1.1 The following map obtained from the Landmark Flood Screening Report shows the risk of flooding from rivers and the sea. Based on Figure 9 the risk of flooding from a river or the sea is negligible.

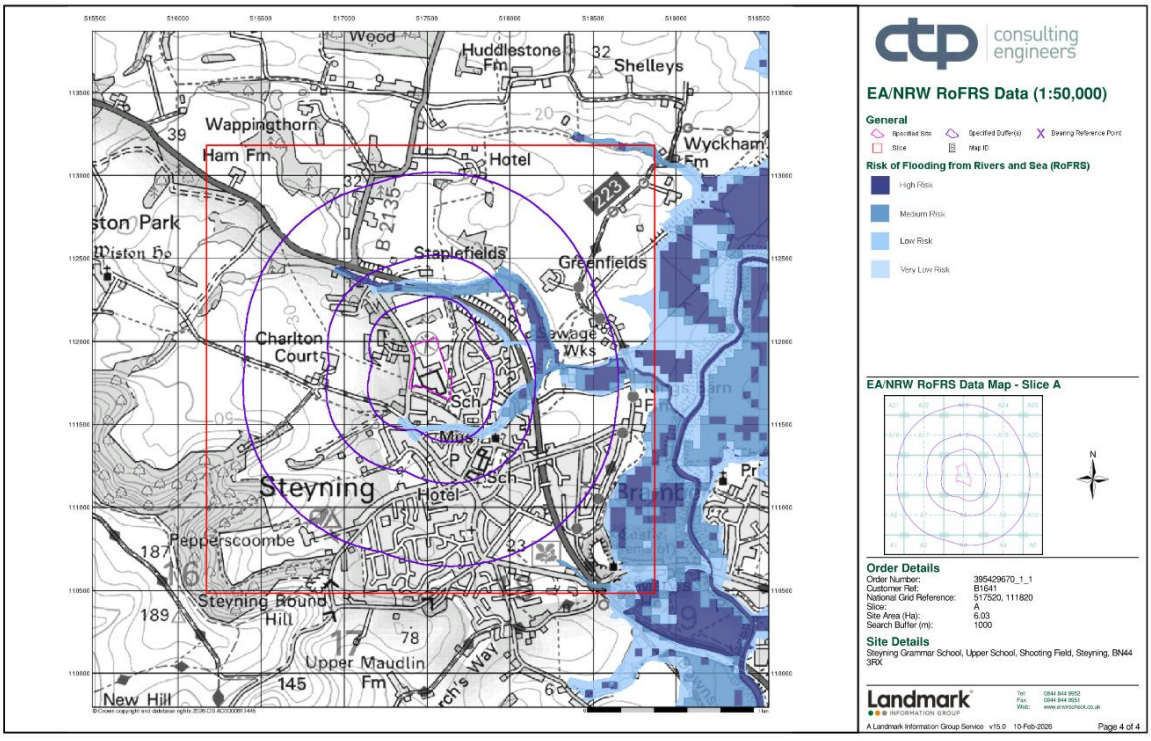


Figure 9: Risk of flooding from Rivers (EA/NRW)

3.2 Flooding from Water Infrastructure

3.2.1 The following map shows the maximum extent of flooding in the event of failure of a large reservoir. Figure 10 indicates that there would be a negligible risk of flooding in the event of such a failure.

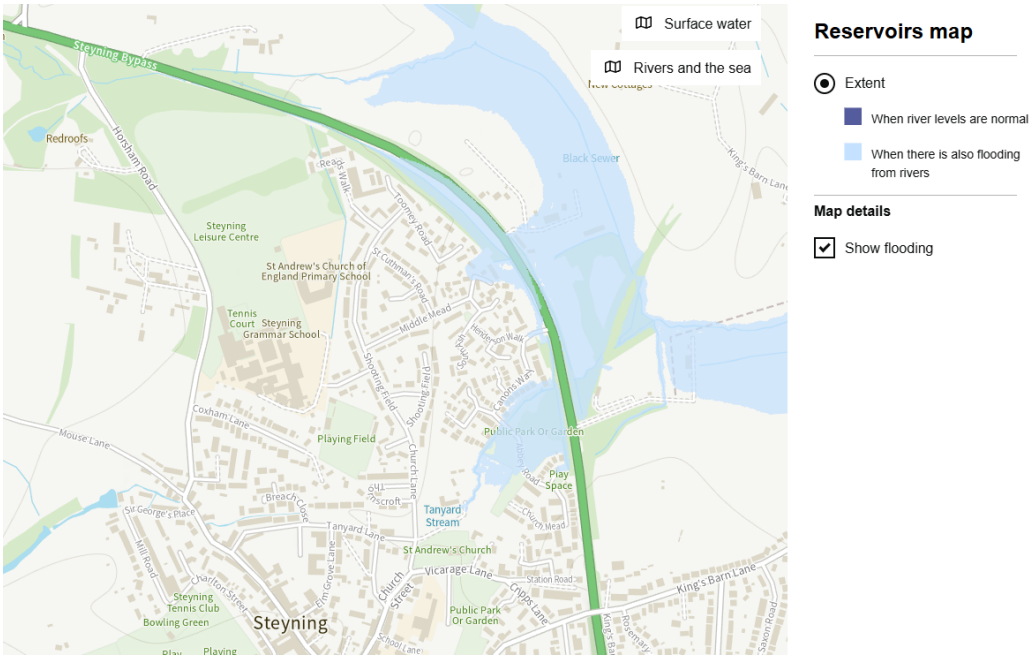


Figure 10: Reservoir Failure Flood Extents (GOV.UK website)

3.3 Flooding from Surface Water

3.3.1 Flooding from surface water could, be caused by the slope of the site and any 'upstream' land that may cause overland flows during periods of heavy rainfall.

3.3.2 The following map (Figure 11) indicates that the proposed site is generally located in an area that is defined as generally having a low risk of flooding from surface water. Low risk means that each year this area has a chance of flooding of between 0.1% and 1%.

3.3.3 However, there are small, concentrated areas of High and Medium risk too. Medium risk means that each year this area has a chance of flooding of between 1% and 3.3% and High risk means the chance of flooding of greater than 3.3%.

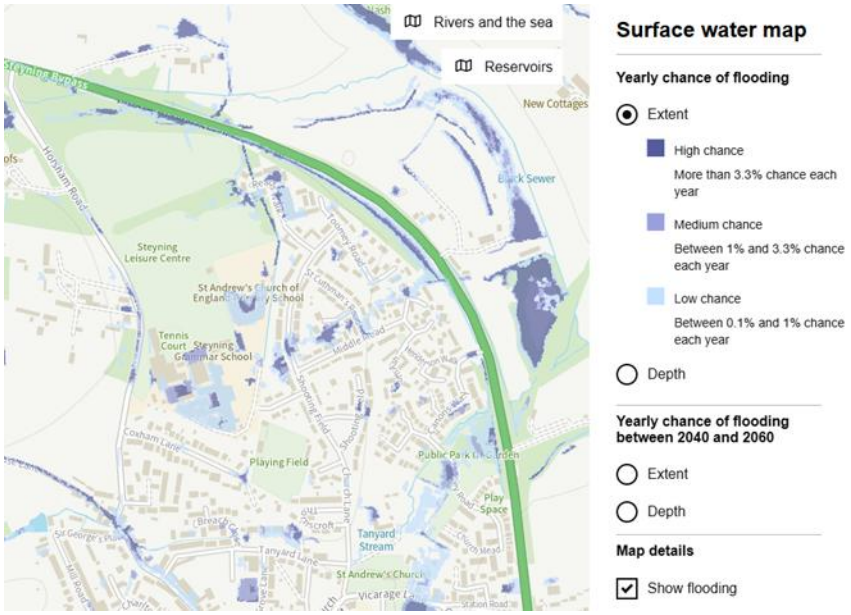


Figure 11: Risk of flooding from surface water (GOV.UK website)

3.3.4 Flooding from surface water is difficult to predict as rainfall location and volume are difficult to forecast. In addition, local features can greatly affect the chance and severity of flooding.

3.3.5 Figure 12 from the EA shows the forecasted depth and extent of flooding from surface water for the 1 in 100-year storm event. As indicated the extent of flooding is shown to be significantly less than Figure 11. Additional plans showing further storm events and the full Landmark Flood Screening Report are located in Appendix D.

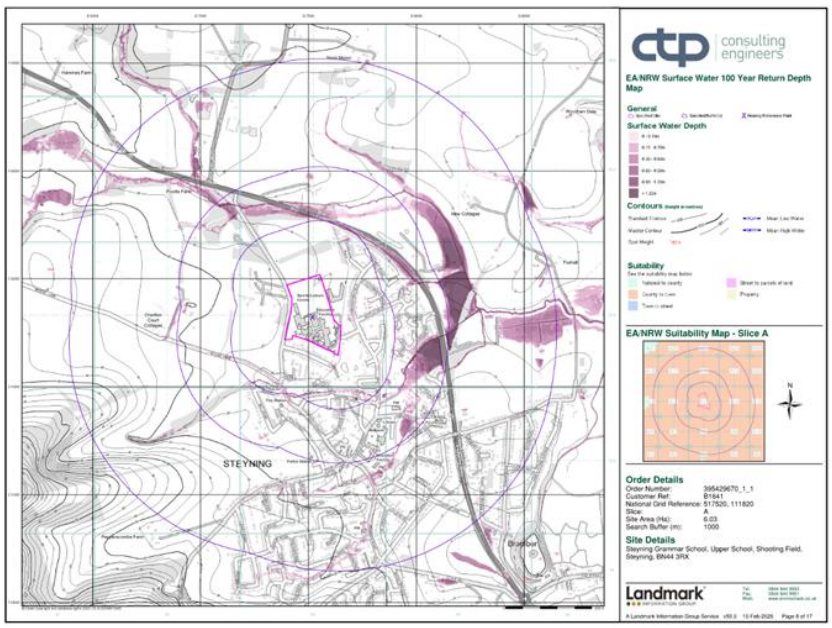


Figure 12: Depth of surface water flooding, 100 Year Return Period (EA/NRW)

3.3.6 It is considered likely that the layout of the existing school buildings is susceptible to surface water flooding. The building layout comprises a dense arrangement of structures in close proximity, forming a series of enclosed and semi-enclosed courtyards. This configuration has the potential to restrict overland flow paths during heavy rainfall events, increasing the likelihood of surface water ponding within these internal areas, particularly where exceedance flows become trapped between buildings and reliance is placed on an ageing and outdated drainage network to manage flood risk. Refer to Section 5 of this FRA for mitigation measures to mitigate the risk of surface water flooding.

3.3.7 Based on the above, flooding from this source is assessed as being low for the proposed development.

3.4 Flooding from Groundwater

3.4.1 Groundwater flooding occurs where water levels in the ground rise above surface elevations. In general, it is most likely to occur in low-lying areas underlain by permeable rocks and in areas where permeable strata overlay and are surrounded by impermeable strata.

3.4.2 Figure 13 shows the BGS Groundwater Flooding Susceptibility for the site and its surrounding area indicate a potential for groundwater flooding situated below ground level in the north of the development, potential for groundwater flooding to occur at the surface in the central region, and negligible risk in the south.

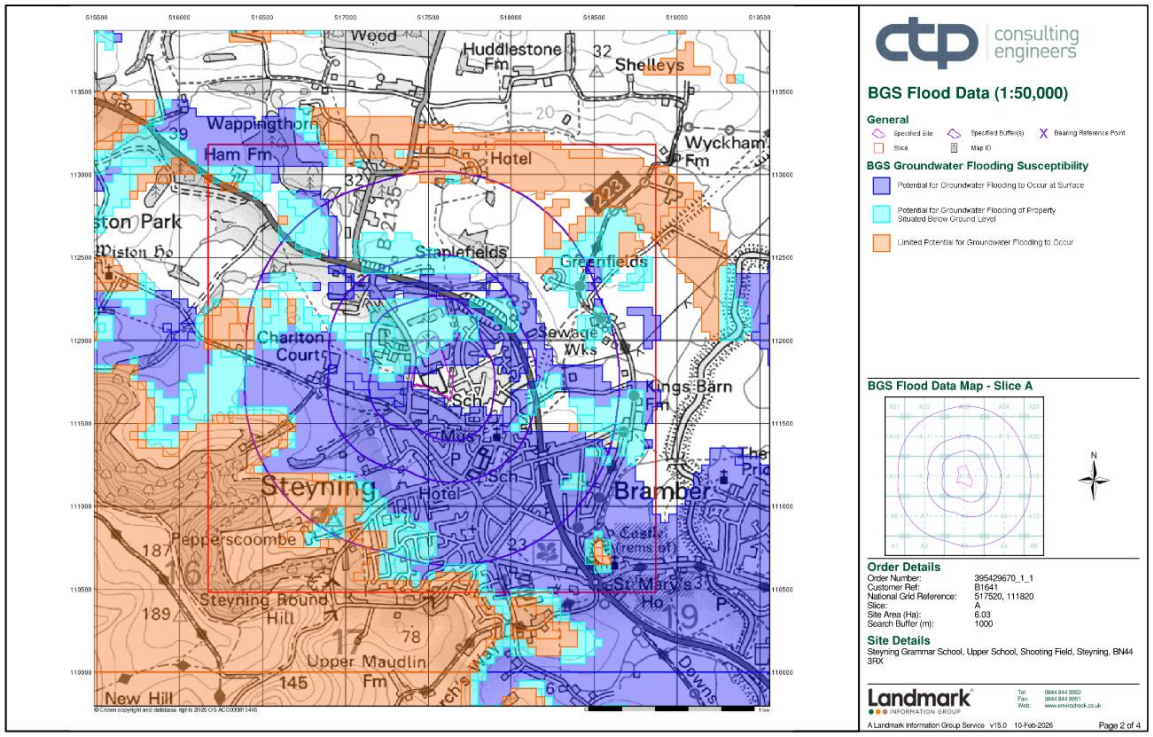


Figure 13: BGS Flood Data, groundwater flooding susceptibility map (October 2023)

3.4.3 Figure 14 shows the GeoSmart maps for Groundwater Flooding Risk, the site is situated in an area of negligible risk.

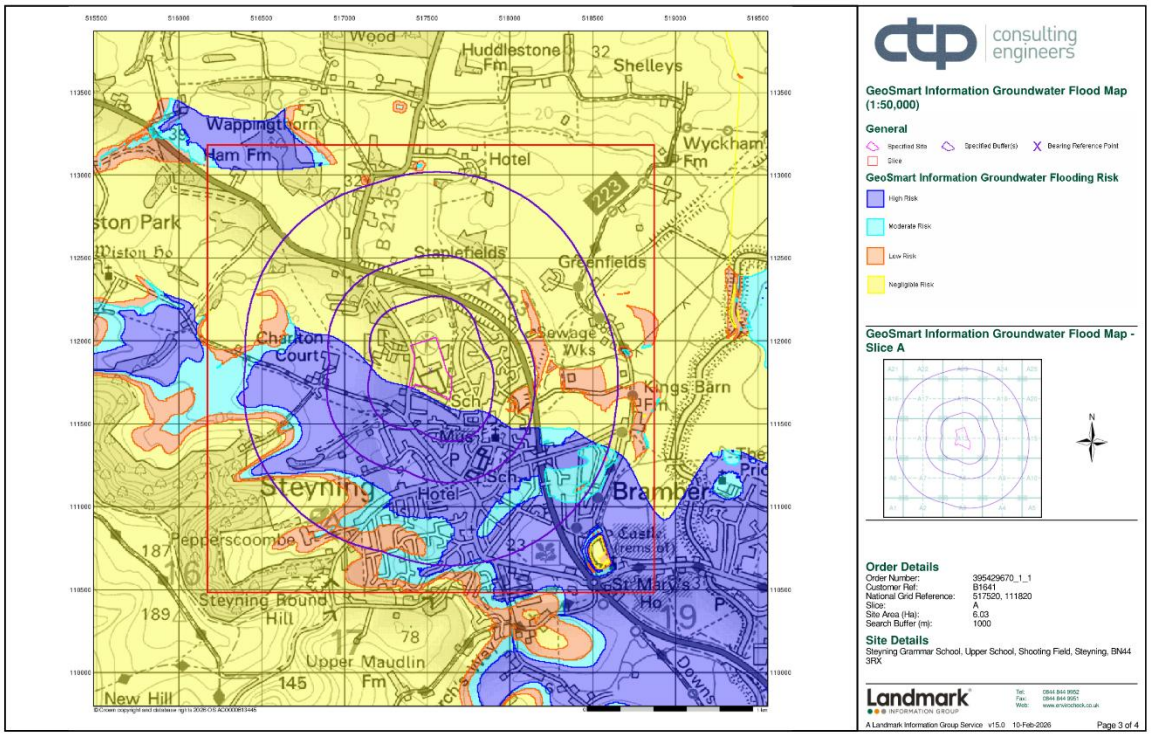


Figure 14: GeoSmart information groundwater flood map (October 2023)

3.4.4 Based on the above, the risk of flooding, from this source, is assessed as being low following appropriate mitigation measures during design.

3.5 Flooding from Sewers and Drainage

3.5.1 At the time of writing this report, there have been no sewer flooding events reported to CTP. In the event of sewer flooding, the flood water would follow the topography of the land and flow towards to the nearest outfall.

3.5.2 According to Figure 15, there have been no recorded internal flood incidents and no instances of recorded flood incidents immediately external to the site due to sewer flooding. As such, the risk from this source of flooding is deemed relatively low.

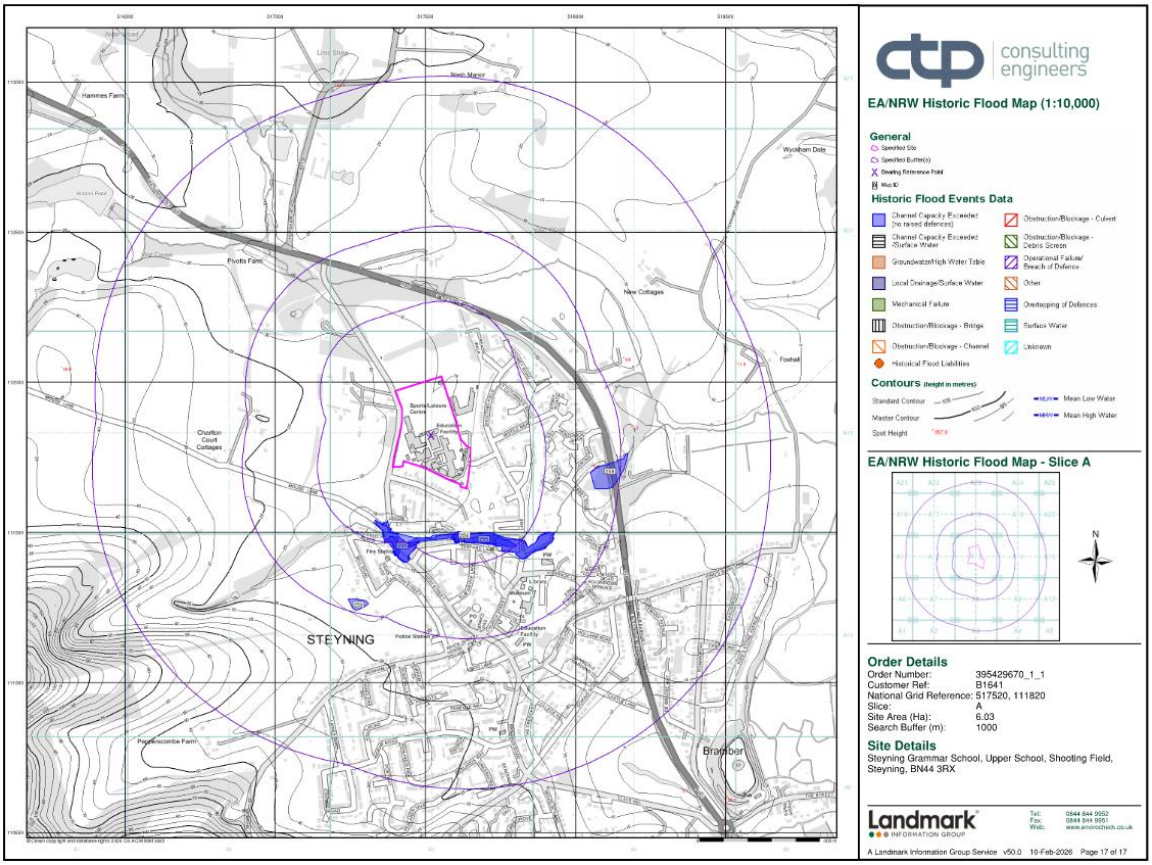


Figure 15: Extract from the EA Historic Flood

3.6 Summary of Flood Risk

3.6.1 An assessment of key sources of flooding has been carried out and is summarised below:

- Flooding from Rivers and the Sea — Negligible
- Residual risk of Infrastructure Failure — Negligible
- Flooding from Groundwater — Low Risk
- Flooding from Surface water — Low Risk
- Flooding from Sewers and Drainage — Low Risk

4 Climate Change

4.1 Background Information

4.1.1 Scientific evidence has proven that the increased frequency of the extreme weather events and the overall global climate is changing as a result of human activity.

4.1.2 The nature of climate change at a regional level will vary for the UK, more frequent short-duration, high intensity rainfall and more frequent periods of long-duration rainfall could be expected. Sea levels will continue to rise.

4.2 Impact of Climate Change on the Development

4.2.1 In order to minimise the impact of climate change on the development proposal, the development will be entirely located within Flood Zone 1, which mitigates potential risk in a climate change scenario. The proposed surface water drainage strategy will also be designed to cater for the 1 in 30-year return period rainfall event including a 40% allowance for climate change and 1 in 100-year return period rainfall event including a 45% climate change (Figure 16); exceedance routes will be provided to cater for extreme events.

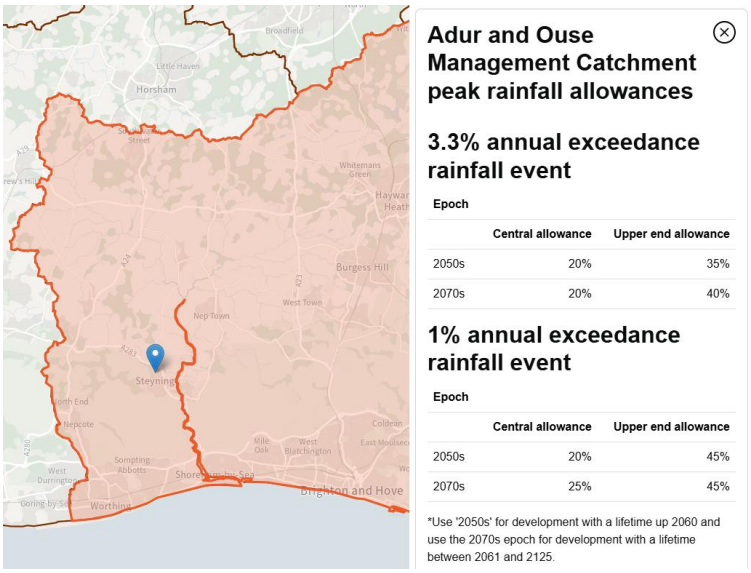


Figure 16: Climate Change Allowances (DEFRA)

5 Flood Risk Mitigation Measures

5.0.1 As previously indicated the proposed site lies entirely within Flood Zone 1.

5.0.2 The proposed mitigation measures therefore focus on ensuring that the development does not have a negative impact on flood risk elsewhere, although some recommendations are made to minimise any residual risk at the site itself.

5.1 Finished Floor Levels

5.1.1 Building finished floor levels will be designed such that, where practicable, external paving falls away from building thresholds to direct surface water away from buildings. Where levels generally fall towards buildings, a localised reverse gradient will be provided adjacent to building thresholds to direct surface water away from entrances and towards defined exceedance routes and positive drainage outlets.

5.1.2 Threshold drainage will be provided at all level access points to the proposed buildings.

5.2 Proposed Site Layout

5.2.1 In contrast to the existing arrangement, the proposed layout, as shown in Section 6, has been designed to avoid tightly enclosed courtyard-type spaces. The revised building configuration provides wider, open areas between structures, improving exceedance flow routing and minimising the risk of surface water becoming trapped within the development, thereby enhancing overall flood resilience.

5.3 Easements/Buffer Strips

5.3.1 All watercourses and ditches located on the site will be retained. In accordance with WSCC requirements, a minimum 3m wide maintenance easement will be provided from the top of both banks of each watercourse. This easement will remain free from newly built development and obstruction to ensure access for inspection, maintenance and flood risk management purposes. The easements will be clearly identified on the relevant drawings to ensure they are safeguarded as the application progresses.

5.4 Ordinary Watercourse Consent

5.4.1 Ordinary watercourse consents are required for any works that could affect the flow of water within a watercourse, even if planning permission has been granted. All ordinary watercourse consents will be applied for, once the final layouts are agreed.

5.4.2 The necessary consents will be obtained for all proposed connections to watercourses.

5.5 SuDS Safety Design

5.5.1 The proposed surface water drainage strategy will incorporate Sustainable Drainage Systems (SuDS) designed in accordance with current national and local guidance, with safety and flood resilience forming key design principles. The system will be sized to accommodate the 1 in 100-year rainfall event, including the appropriate climate change allowances, ensuring sufficient storage capacity is provided to manage extreme rainfall events without increasing flood risk on or off site.

5.5.2 Hydraulic modelling has been undertaken to demonstrate that the drainage network and associated attenuation features operate within capacity during the 1 in 100-year + climate change event. Where feasible, exceedance flows will be routed safely through the site in a controlled manner, away from buildings and vulnerable receptors.

5.5.3 Attenuation features will be designed to achieve appropriate half-drain times, typically within 24 hours, to ensure storage is available for subsequent storm events and to prevent prolonged ponding. The design will also incorporate freeboard allowances and appropriate inlet/outlet controls to enhance operational resilience and long-term performance.

6 Proposed Development

6.0 Development Description

6.0.1 The proposed redevelopment of Steyning Grammar School forms part of the Department for Education (DfE) School Rebuilding Programme. The scheme seeks to consolidate the existing multi-campus arrangement into a single campus at the Shooting Field site.

6.0.2 The development comprises of the phased demolition of the majority of existing buildings and the construction of three new classroom blocks (Buildings 13, 14 and 15) and a new sports facility (Building 16). Refer to the proposed site plan (Figure 17). The existing leisure centre will be retained, along with the PSBP block and the EFAH and EFAI buildings. Parts of the EFAG sports facilities will also remain in their current locations.

6.0.3 External works will include reconfiguration of hardstanding areas, provision of new landscaping, and revised access and circulation arrangements. These areas will also provide space available for use by the local community. The redevelopment will be delivered in phases to allow the school to remain operational during construction.

6.0.4 The proposals will replace ageing infrastructure with modern facilities and provide an opportunity to rationalise site levels, drainage infrastructure and exceedance flow routes as part of the overall flood risk strategy.



Figure 17: Proposed Site Plan

7 Surface Water Drainage Strategy

7.0.1 The management of the surface water runoff from the proposed development has been designed to incorporate the use of SuDS in accordance with the seven standards of the National Standards for Sustainable Drainage Systems.

7.1 Standard 1 – Runoff Destinations and Hierarchy

7.1.1 The proposed drainage strategy follows a catchment-based approach to the SuDS hierarchy. This is set out in table below, with justifications provided where particular techniques are not deemed feasible.

Surface Water Runoff Destinations	Has this been incorporated in the design?	Justification
1. Collected for non-potable use	Yes	A rainwater harvesting system will be incorporated to provide non-potable water for teaching purposes and irrigation.
2. Infiltrated to ground	No	Infiltration is not proposed. Site investigations indicate low permeability due to clay soils and the underlying Gault Formation (mudstone), together with a high groundwater table; infiltration is therefore considered unsuitable. Refer to Section 2.4.
3. Discharged to an above ground surface water body	Yes	For the upper (northern) part of the site, surface water will be conveyed (via attenuation and flow control) to the boundary watercourse located along the eastern edge of the playing fields, reflecting site topography and enabling gravity drainage.
4. Discharged to a surface water sewer, or another piped surface water drainage system	Yes	For the lower (southern) part of the site, surface water will discharge (via attenuation and flow control) to the existing public surface water sewer in Shooting Field Road.
5. Discharged to a combined sewer	No	Discharge to a combined sewer is not proposed. A suitable outfall strategy is available via the watercourse and public surface water sewer, consistent with the drainage hierarchy.

7.1.2 Surface water will be managed in three catchments, reflecting site topography and enabling gravity drainage without pumping. Catchments A1 and A2 will discharge to the boundary ditch/watercourse at restricted rates, and Catchment B will discharge to the existing public surface water sewer in Shooting Field Road (SW MH Ref: 6752) at a restricted rate. The catchment layout is shown below (Figure 18).

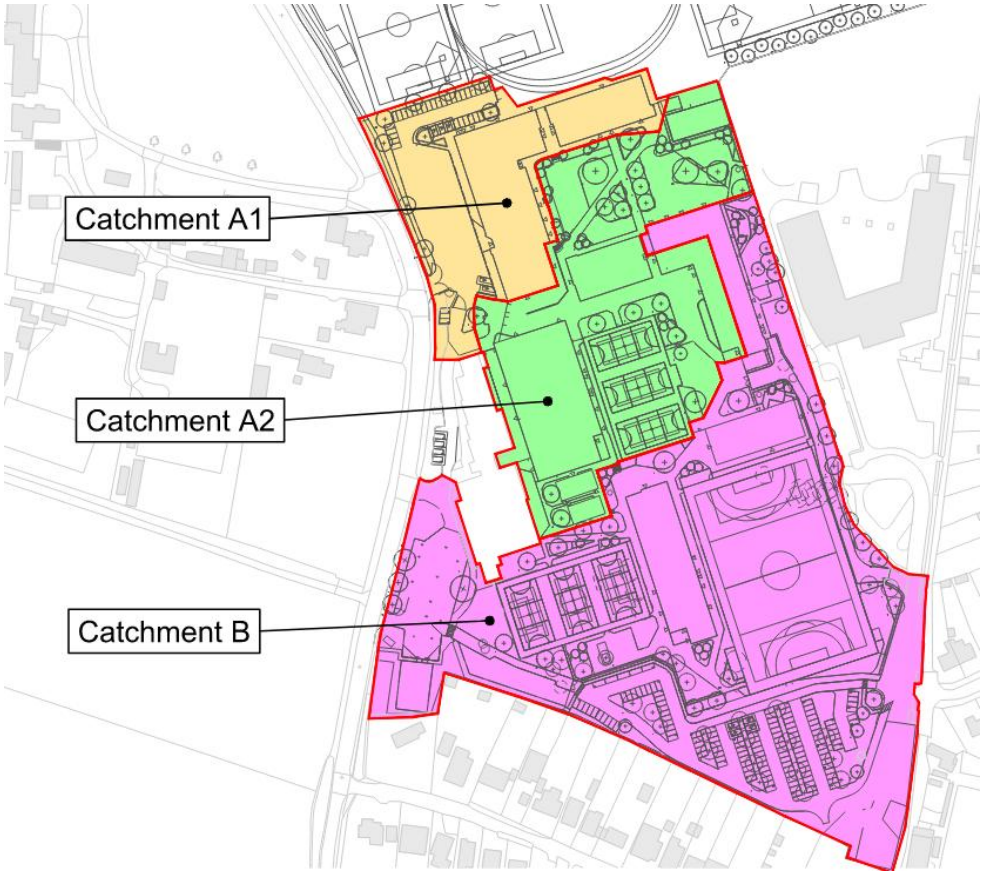


Figure 18: Surface Water Catchment Area Plan

7.1.3 Catchment A has been subdivided into two smaller drainage zones (A1 and A2), each providing attenuation and controlled discharge to the boundary watercourse. This approach responds to local level constraints by keeping the drainage network shallow and reducing excavation depth, while maintaining a gravity outfall without the need for pumping.

7.1.4 Site visits were undertaken on 13/02/2026, confirming onward connectivity of the ditch proposed to receive outfalls from Catchments A1 and A2. A detailed topographic survey and condition assessment are currently being undertaken, with formal results pending. The findings will be provided when available to inform and confirm the detailed design of the proposed outfall arrangements.

7.2 Standard 2 – Peak flow control (everyday rainfall) and runoff volume reduction

7.2.1 Source control is integral to the proposed strategy, with measures included to reduce runoff volumes, delay peak flows and provide multiple stages of attenuation prior to discharge. Refer to Appendix E for the SuDS Strategy Layout drawings and Appendix F for the Proposed Drainage Strategy drawings.

7.2.2 As infiltration is not viable interception has been provided in accordance with the Nations Standards for SuDS and the CIRIA SuDS Manual.

7.2.3 The drainage design incorporates green roofs to all proposed buildings, which will intercept rainfall and provide initial storage, with the initial 5mm of rainfall being retained within the substrate and subsequently returned to the atmosphere via evapotranspiration. Any residual runoff from the green roofs during heavier storms will be conveyed to the downstream attenuation system at a reduced and delayed rate.

7.2.4 In addition, the proposals include extensive permeable surfaces, including the all-weather pitch, two Multi-use Games Areas (MUGA) and permeable paving within the proposed parking areas. These areas will be designed to attenuate runoff within their sub-base storage layers, encouraging evapotranspiration from the upper aggregate layers and promoting infiltration where ground conditions allow for the first 5mm of rainfall. Otherwise providing attenuation and controlled discharge to the wider surface water network.

7.2.5 Where feasible, runoff from adjacent (non-trafficked) impermeable areas will also be routed onto soft landscaped areas to maximise source control benefits and reduce reliance on below-ground storage.

7.2.6 As West Sussex is identified as seriously water stressed, rainwater harvesting has been incorporated into the strategy. A rainwater harvesting system will be provided to capture roof runoff for non-potable uses, including irrigation of landscaped areas/sports surfaces and supporting teaching/learning opportunities (e.g. demonstrating water conservation and sustainable water management). This will contribute to reducing the overall volume of runoff requiring discharge from the site.

7.2.7 The harvester is proposed to be in the range of a 7,500-10,000-litre tank located northeast of either building 13 or 14. The use of the harvester would be for irrigation of the school cricket square that are known for their high-water demand to keep maintained. Additionally, the harvester is proposed to be used for educational purposes providing water for the STEM garden and horticulture garden both located in the northeast corner of building 14.

7.3 Standard 3 – Storage, flooding, and exceedance management (including climate change)

7.3.1 Design events and discharge control. Surface water attenuation will be provided to control flows and prevent increased flood risk off-site. WSCC confirm the requirement that discharge from the site is limited to the equivalent greenfield runoff rate or 3 l/s/ha (whichever is greater).

7.3.2 Greenfield runoff calculations for the full site development area (Appendix G) indicate a QBAR discharge rate of 1.3 l/s. Therefore, a discharge rate of 3 l/s/ha has been adopted for the site. Flow control chambers will restrict discharges at both the watercourse outfall and the surface water sewer outfall. A summary of catchment areas and associated discharge rates is provided in the table below.

Catchment Area Ref	Site Development Area (ha)	Outfall Location	Discharge Rate Greenfield Runoff (l/s)	Discharge Rate 3 l/s/ha (l/s)
A1	0.871	Existing Boundary Watercourse	-	2.613
A2	1.552	Existing Boundary Watercourse	-	4.656
B	3.551	Existing Public SW Sewer	-	10.653
Total	5.974	-	1.3	17.922

7.3.3 The proposed discharge rates from catchments A1 and A2 will be combined and then redistributed to the two flow control devices serving these zones. This will enable effective use of the available discharge capacity and ensure the combined rate is appropriately apportioned between the various SuDS storage features.

7.3.4 The A1 and A2 outfalls will be combined prior to discharge to the ditch, resulting in a single outfall representing the combined A1 and A2 discharge rate.

7.3.5 Attenuation will be provided using a combination of SuDS measures, including permeable paving sub-bases, and green roofs (with roof runoff directed to attenuation storage) and below-ground attenuation tanks (split to suit construction phasing and available space). Storage provided within green roofs has been excluded from hydraulic calculations.

7.3.6 Proposed attenuation tank locations include storage beneath the car park, sports areas and courtyards). See the below table for a summary of the attenuation provisions.

Catchment Area	Attenuation Feature	Storage Volume (m^3)
A1	Cellular Storage Permeable Paving	973.55 45.22
A2	Cellular Storage Permeable Paving MUGA Permeable Paving	1521.26 189.33 227.22
B	Cellular Storage Permeable Paving MUGA Permeable Paving AWP Permeable Paving	2,907.67 204.99 260.93 767.06
Total	-	7,097.23

7.3.7 The high groundwater level will be explicitly accounted for in the storage design and in structural considerations such as flotation resistance for attenuation tanks. WSCC require groundwater levels to be considered both in the operational design and during construction, and this will be addressed within the drainage design and the Construction Method Statement / Construction Phase Surface Water Management approach.

7.3.8 WSCC note that the existing site appears to discharge without flow controls (i.e., unrestricted) and require further investigation of existing outfall locations and confirmation that receiving systems have capacity to accept flows. Further CCTV and survey aim to provide confirmation of outfall locations (including watercourse levels) and evidence of connectivity/capacity for both the watercourse and surface water sewers.

7.3.9 Hydraulic modelling (Appendix H) has been undertaken demonstrating performance for critical events, including 1 in 1 year (no surcharging), 1 in 30 year + climate change (no flooding), and 1 in 100 year + climate change. Refer to Appendix I for accompanying catchment area plan.

7.3.10 For the hydraulic calculations, 2022 FEH rainfall data has been used, with an allowance of 10% urban creep applied. Runoff coefficients (Cv) have been set to 1.0 for both summer and winter profiles, and the relevant climate change uplift factors have been applied in accordance with current guidance. In addition, surcharged outfall conditions have been accounted for where discharges are made to the receiving watercourses, to ensure the system remains robust during periods of elevated downstream water levels.

7.3.11 Storage features will be designed to drain down appropriately after events, and evidence will be provided in accordance with WSCC expectations (including half-drain times within 24 hours where applicable) to ensure capacity is available for subsequent rainfall events (Appendix H).

7.3.12 Exceedance routing will be designed to direct flows away from buildings and sensitive areas, maintaining safe overland flow routes during events exceeding the design standard.

7.4 Standard 4 – Water quality

7.4.1 The drainage strategy will apply the SuDS management train to provide treatment appropriate to land use and pollutant risk, using measures such as green roofs and permeable paving (with suitable filtration layers and sub-base storage), and appropriate pre-treatment at inlets/outlets (e.g., catchpits/silt control) as required.

7.4.2 In addition, petrol/oil interceptors will be provided to serve the existing parking areas where permeable surfacing is not proposed, to manage hydrocarbon pollution risk prior to discharge.

7.4.3 Refer to Appendix J for a water quality assessment using the CIRIA SuDS Manual Simple Index Approach, and where catchments differ, the assessment has been undertaken per catchment to demonstrate suitable treatment prior to discharge.

7.5 Standard 5 – Amenity

7.5.1 SuDS will be integrated to support wider site functions where practicable, with a clear focus on multi-functional features that provide drainage benefits alongside amenity and educational value. The strategy will therefore maximise multi-functional benefits within external areas while maintaining safe operation and avoiding adverse impacts on access and safeguarding.

7.5.2 The external sports and circulation areas are integral to this approach. The all-weather pitch and two MUGAs will incorporate permeable surfacing, and permeable construction will also be incorporated across the wider outdoor sports areas where practicable to provide source control and attenuation at below ground level. The proposed sports facilities and associated parking areas are intended to support community use, whilst maintaining appropriate safeguarding to students by creating gated secure areas surrounding the school's teaching facilities. The SuDS strategy has been developed to ensure the multi-functional areas remain functional and resilient during rainfall events.

7.5.3 Student amenity spaces will also deliver SuDS benefits, the building 13/14 courtyard will incorporate permeable paving and will be designed as a usable amenity space, including amphitheatre-style seating and a flexible area suitable for outdoor teaching and performance. The STEM Garden and horticulture garden will be supported by the proposed rainwater harvesting system, providing a non-potable irrigation source and reinforcing the educational value of the SuDS approach.

7.6 Standard 6 – Biodiversity

7.6.1 Biodiversity enhancements have been developed in line with the project-wide biodiversity strategy and are evidenced by the Biodiversity Net Gain (BNG) Assessment prepared for the site by MKA Ecology. The assessment applies the Defra Statutory Biodiversity Metric and identifies a baseline value of 15.53 habitat units, with the proposed scheme delivering a predicted net gain of 6.59 habitat units (42.47%).

7.6.2 The BNG outcomes are driven by a range of habitat creation and retention measures, with biodiverse green roofs identified as a key contributor to the net gain (providing a significant uplift in habitat units). The proposed green roofs also align directly with the SuDS strategy by retaining rainfall at source, supporting evapotranspiration, and reducing the volume and rate of runoff entering the below-ground network, whilst delivering biodiversity benefits through diverse planting and habitat provision.

7.6.3 More broadly, the scheme's biodiversity strategy includes the creation and enhancement of other neutral grassland, species-rich hedgerows, new trees, and a traditional orchard, alongside retention of existing woodland and grassland where practicable. These measures improve habitat connectivity and provide "more, bigger, better and joined" ecological networks across the site, with SuDS components (particularly the green roofs and associated soft landscaping) forming an integral part of the overall green infrastructure and BNG delivery.

7.7 Standard 7 – Operation, maintenance, and construction (including phasing)

7.7.1 A clear maintenance and management approach will be provided, identifying responsibilities for each SuDS component and for any ordinary watercourses/ditches within the site, consistent with WSCC expectations. A phased delivery plan will align SuDS installation with the construction programme (noting that attenuation provision is anticipated to be split to accommodate construction phasing and space constraints).

7.7.2 WSCC also identify the need for third-party agreements where discharge is to assets outside the red line (e.g., the receiving watercourse and the public sewer) and require that any watercourses/ditches within the red line are retained with a 3m maintenance easement from the top of both banks, clearly shown on drawings to ensure easements are protected through the application process. These requirements will be incorporated into the drainage drawings and parameter plans, alongside any necessary legal/land drainage approvals.

7.7.3 Finally, WSCC highlight that sections of existing surface water infrastructure are deteriorated and that any retained elements must be repaired/replaced as required. The proposed strategy includes significant replacement of the existing network, reusing existing pipes only where practical and appropriate, with further CCTV/outfall confirmation undertaken as enabling works progress.

8 Foul Water Strategy

8.0.1 The existing foul drainage network serving the site will be largely decommissioned as part of the redevelopment proposals. The proposed development will be served by a new foul water drainage network designed to current standards.

8.0.2 The proposed system will operate via gravity drainage, with no pumping stations required. Existing foul drainage serving the retained leisure centre will be maintained and locally diverted as necessary to accommodate the revised site layout. Separating the leisure centre drainage from the schools it can be ensured that sewer capacity is maintained in line with existing conditions for each system not to increase the flood risk for either system.

8.0.3 All proposed foul flows will discharge to the existing public foul sewer located adjacent the school's primary entrance on Shooting Field Road. The final discharge arrangements will be subject to the necessary approvals, including a Section 106 Connection agreement under the Water Industry Act 1991 and confirmation of available network capacity.

8.0.4 It is anticipated that, despite a potential increase in pupil numbers, the overall foul discharge to the public sewer will not increase compared to existing conditions. This is due to the incorporation of modern, water-efficient sanitary fittings and the removal of any existing surface water connections to the foul network.

9 Conclusion

9.0.1 This Flood Risk Assessment demonstrates that the proposed redevelopment of Steyning Grammar School is appropriate in flood risk terms.

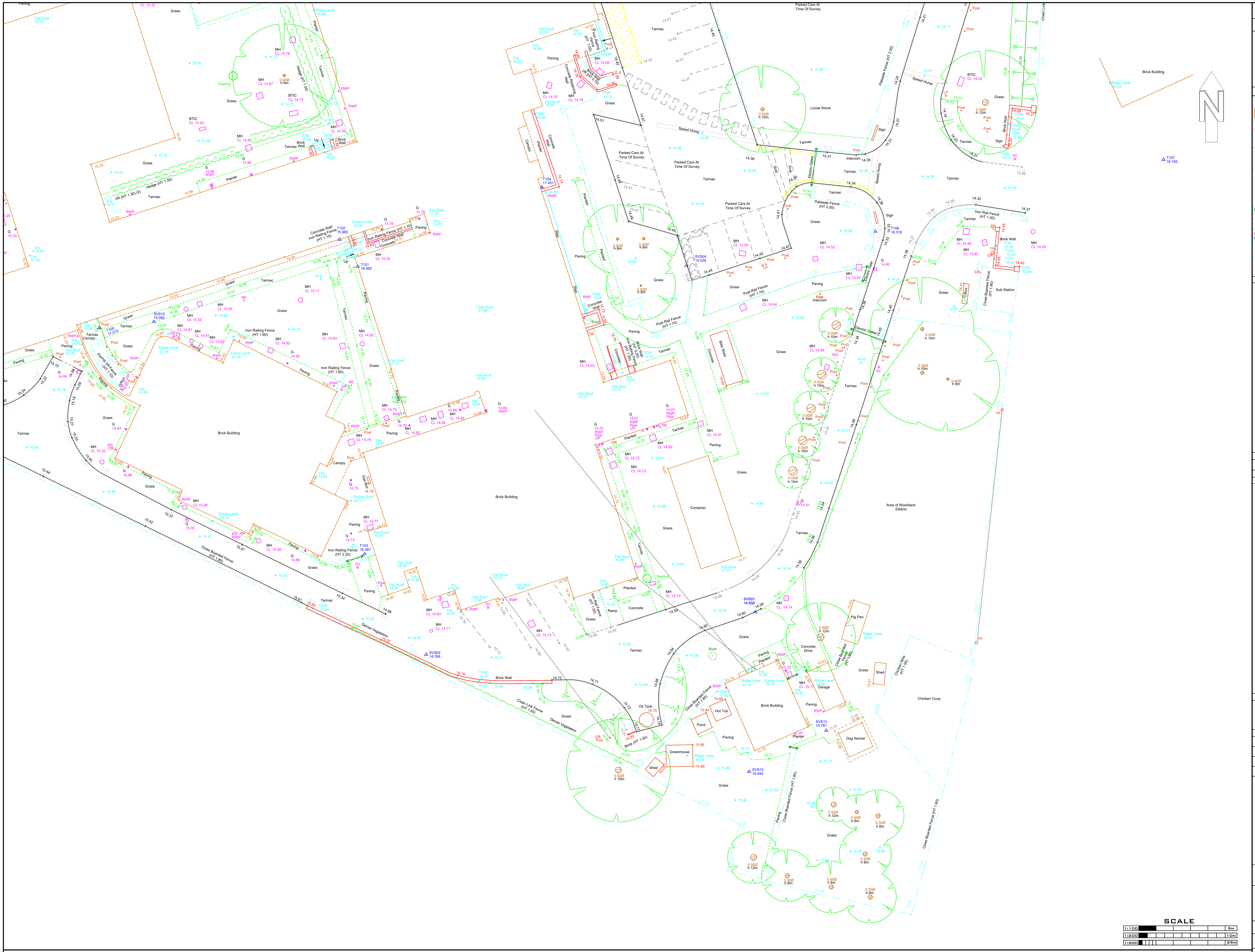
9.0.2 The site lies entirely within Flood Zone 1 and is therefore at the lowest probability of fluvial and tidal flooding. All other flood mechanisms have been assessed and are considered low risk.

9.0.3 The proposed SuDS strategy restricts runoff to greenfield-equivalent rates, provides attenuation for extreme rainfall events including climate change, incorporates urban creep, and ensures safe exceedance routing. The design accounts for high groundwater conditions and retains existing watercourses with appropriate maintenance easements.

9.0.4 The redevelopment represents a clear betterment over the existing situation by replacing ageing drainage infrastructure with a modern, robust and maintainable system that will not increase flood risk elsewhere.

9.0.5 Subject to detailed design and statutory approvals, the development complies with the NPPF (2024), Planning Practice Guidance, and WSCC requirements.

Appendix A – Topographical Survey



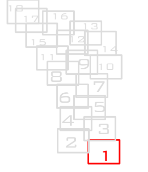
SCALE

1:100 5M
1:200 10M
1:500 25M

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- SVS01 100.000 Survey Station
- + 100.00 Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- MH CL 00.00 Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- O-H Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- 100.0 Contour Major
- 99.0 Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- E Electricity
- HV Electricity High Voltage
- TL Traffic Signals
- GAS Gas
- W Water
- CATV Cable Television
- CCTV Close Circuit Television
- COMM Communication
- BT British Telecom
- A Compressed Air
- O Offset Fill-Line
- OIL Oil Pipe
- P Pipe
- V Ventilation
- F Fuel Line
- VR Vapour Recovery
- G-A Gauge Line
- T Telemetry
- FO Fibre Optics
- UNK Unknown
- O-H Overhead Line
- Historical by Layer
- UNK End Of Trace
- ▨ Do Not Drill / Banded Pipes
- ⊡T Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- ☒ Stantion
- Pump Island
- BH 100.00 Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS100	517429.254	111754.740	17.616	Road Nail
SVS101	517463.099	111731.596	16.544	Road Nail
SVS102	517430.932	111828.037	17.546	Road Nail
SVS103	517429.212	111893.917	17.535	Road Nail
T1	517406.757	111751.907	20.108	Retro Target
T2	517439.987	111788.398	19.149	Retro Target
T3	517455.565	111783.517	19.047	Retro Target
T129	517465.485	111763.777	17.982	Retro Target
SVS01	517617.955	111681.753	14.656	Road Nail
SVS02	517579.862	111676.848	14.766	Road Nail
SVS03	517523.908	111707.356	15.481	Road Nail
SVS04	517609.969	111721.868	14.536	Road Nail
SVS05	517602.865	111775.593	14.387	Road Nail
SVS10	517548.349	111715.380	15.092	Road Nail
SVS11	517522.721	111723.939	15.270	Road Nail
SVS12	517626.156	111668.045	15.781	Road Nail
SVS13	517617.236	111663.294	15.844	Road Nail
SVS14	517602.733	111826.054	14.266	Road Nail
SVS15	517591.590	111867.956	15.319	Road Nail
SVS16	517546.201	111853.378	15.583	Road Nail
SVS17	517549.969	111831.962	14.969	Road Nail
SVS18	517542.075	111817.955	15.032	Road Nail
SVS19	517507.992	111815.365	15.323	Road Nail
SVS20	517524.715	111907.012	16.068	Road Nail
SVS21	517478.900	111896.011	16.811	Road Nail
SVS22	517452.407	111969.588	17.689	Road Nail
SVS23	517346.043	112087.173	19.705	Road Nail
SVS24	517630.857	112127.132	14.062	Road Nail
SVS25	517322.265	112211.462	17.426	Road Nail
SVS26	517413.301	112261.688	13.981	Road Nail
SVS27	517566.266	112243.894	13.391	Road Nail
SVS28	517596.943	112204.208	13.623	Road Nail
SVS103	517429.212	111893.918	17.524	Road Nail
T100	517542.020	111714.662	17.015	Retro Target
T101	517571.938	111721.777	16.492	Retro Target
T102	517569.845	111724.895	15.965	Retro Target
T103	517572.738	111688.480	16.367	Retro Target
T104	517593.217	111730.963	17.451	Retro Target
T105	517609.796	111774.564	16.775	Retro Target
T106	517631.830	111725.831	16.316	Retro Target
T107	517665.178	111734.145	16.192	Retro Target
T108	517471.952	111818.028	19.668	Retro Target
T109	517445.538	111890.188	19.097	Retro Target
T110	517568.537	111832.302	16.725	Retro Target
T111	517555.744	111821.616	16.774	Retro Target
T112	517545.580	111831.659	16.946	Retro Target
T113	517539.055	111823.578	17.092	Retro Target
T114	517527.030	111825.642	17.257	Retro Target
T115	517508.485	111819.601	17.263	Retro Target
T116	517502.411	111813.511	18.477	Retro Target
T117	517485.647	111797.035	18.581	Retro Target
T118	517499.826	111823.929	18.206	Retro Target
T119	517512.563	111804.859	17.458	Retro Target
T120	517509.637	111785.700	17.483	Retro Target
T121	517528.374	111748.962	17.453	Retro Target
T122	517525.638	111764.638	17.730	Retro Target
T123	517525.054	111740.356	17.609	Retro Target
T124	517556.109	111774.626	17.732	Retro Target
T125	517556.253	111782.007	17.051	Retro Target
T126	517545.123	111805.972	16.748	Retro Target
T127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY: SM
DRAWN BY: SM
APPROVED BY: SF

DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023

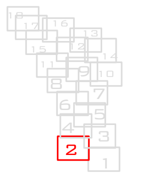
SCALE: 1:200 @A1
SHEET NO: 1 OF 18
REV:



DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- SVS01 100.000 — Survey Station
- + 100.00 — Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- MH CL 00.00 — Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- O-H — Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- E — Electricity
- HV — Electricity High Voltage
- TL — Traffic Signals
- GAS — Gas
- W — Water
- CATV — Cable Television
- Close Circuit Television
- COMM — Communication
- BT — British Telecom
- A — Compressed Air
- O — Offset Fill-Line
- OIL — Oil Pipe
- P — Pipe
- V — Ventilation
- F — Fuel Line
- VR — Vapour Recovery
- G-A — Gauge Line
- T — Telemetry
- FO — Fibre Optics
- UNK — Unknown
- O-H — Overhead Line
- Historical By Layer
- UNK — End Of Trace
- ▨ Do Not Drill / Banded Pipes
- T Tank * - W= Water, U=Unknown, F=Foam, P=Product, C=Concrete
- ☒ Stantion
- Pump Island
- ● BH 100.00 Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS100	517429.254	111754.740	17.616	Road Nail
SVS101	517463.099	111731.596	16.544	Road Nail
SVS102	517430.932	111828.037	17.546	Road Nail
SVS103	517429.212	111893.917	17.535	Road Nail
T1	517406.757	111751.907	20.108	Retro Target
T2	517439.987	111788.398	19.149	Retro Target
T3	517455.565	111783.517	19.047	Retro Target
T129	517465.485	111763.777	17.982	Retro Target
SVS01	517617.955	111681.753	14.656	Road Nail
SVS02	517579.862	111676.848	14.766	Road Nail
SVS03	517523.908	111707.356	15.481	Road Nail
SVS04	517609.969	111721.868	14.536	Road Nail
SVS05	517602.865	111775.593	14.387	Road Nail
SVS10	517548.349	111715.380	15.092	Road Nail
SVS11	517522.721	111723.939	15.270	Road Nail
SVS12	517626.156	111668.045	15.781	Road Nail
SVS13	517617.236	111663.294	15.844	Road Nail
SVS14	517602.733	111826.054	14.266	Road Nail
SVS15	517591.590	111867.956	15.319	Road Nail
SVS16	517546.201	111853.378	15.583	Road Nail
SVS17	517549.969	111831.962	14.969	Road Nail
SVS18	517542.075	111817.955	15.032	Road Nail
SVS19	517507.992	111815.365	15.323	Road Nail
SVS20	517524.715	111907.012	16.068	Road Nail
SVS21	517478.900	111896.011	16.811	Road Nail
SVS22	517452.407	111969.588	17.689	Road Nail
SVS23	517346.043	112087.173	19.705	Road Nail
SVS24	517630.857	112127.132	14.062	Road Nail
SVS25	517322.265	112211.462	17.426	Road Nail
SVS26	517413.301	112261.688	13.981	Road Nail
SVS27	517566.266	112243.894	13.391	Road Nail
SVS28	517596.943	112204.208	13.623	Road Nail
SVS103	517429.212	111893.918	17.524	Road Nail
T100	517542.020	111714.662	17.015	Retro Target
T101	517571.938	111721.777	16.492	Retro Target
T102	517569.845	111724.895	15.965	Retro Target
T103	517572.738	111688.480	16.367	Retro Target
T104	517593.217	111730.963	17.451	Retro Target
T105	517609.796	111774.564	16.775	Retro Target
T106	517631.830	111725.831	16.316	Retro Target
T107	517665.178	111734.145	16.192	Retro Target
T108	517471.952	111818.028	19.668	Retro Target
T109	517445.538	111890.188	19.097	Retro Target
T110	517568.537	111832.302	16.725	Retro Target
T111	517555.744	111821.616	16.774	Retro Target
T112	517545.580	111831.659	16.946	Retro Target
T113	517539.055	111823.578	17.092	Retro Target
T114	517527.030	111825.642	17.257	Retro Target
T115	517508.485	111819.601	17.263	Retro Target
T116	517502.411	111813.511	18.477	Retro Target
T117	517485.647	111797.035	18.581	Retro Target
T118	517499.826	111823.929	18.206	Retro Target
T119	517512.563	111804.859	17.458	Retro Target
T120	517509.637	111785.700	17.483	Retro Target
T121	517528.374	111748.962	17.453	Retro Target
T122	517525.638	111764.638	17.730	Retro Target
T123	517525.054	111740.356	17.609	Retro Target
T124	517556.109	111774.626	17.732	Retro Target
T125	517556.253	111782.007	17.051	Retro Target
T126	517545.123	111805.972	16.748	Retro Target
T127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

All levels are in metres related to OSGB36 datum using Leica GNSS receiver. Coordinate grid is related to OSGB36 datum using Leica GNSS receiver site centered around SVS01. No scale factor applied.

Tree species are indicated where known however it is recommended that expert identification is consulted if critical.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:	
1222-ARC-15641	03-01-2023	
SCALE:	**SHEET NO:**	**REV:**
1:200 @A1	2 OF 18	



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree
(Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor
Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historically by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
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ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
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BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FB	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS01	517478.899	111896.011	16.811	Road Nail
SVS10	517429.334	111734.760	15.810	Road Nail
SVS101	517463.099	111734.596	16.546	Road Nail
SVS102	517430.932	111828.037	17.546	Road Nail
SVS103	517429.515	111893.861	17.838	Road Nail
T1	517429.515	111893.861	16.720	Retro Target
T2	517436.987	111788.566	16.145	Retro Target
T3	517436.987	111788.566	16.145	Retro Target
T4	517436.987	111788.566	16.145	Retro Target
T5	517436.987	111788.566	16.145	Retro Target
T6	517436.987	111788.566	16.145	Retro Target
SVS02	517478.842	111876.848	16.760	Road Nail
SVS03	517523.908	111707.356	15.481	Road Nail
SVS04	517548.969	111673.993	15.387	Road Nail
SVS05	517548.969	111673.993	15.387	Road Nail
SVS06	517548.969	111673.993	15.387	Road Nail
SVS07	517548.969	111673.993	15.387	Road Nail
SVS08	517548.969	111673.993	15.387	Road Nail
SVS09	517548.969	111673.993	15.387	Road Nail
SVS11	517524.715	111967.012	16.068	Road Nail
SVS12	517524.715	111967.012	16.068	Road Nail
SVS13	517524.715	111967.012	16.068	Road Nail
SVS14	517544.063	112087.173	14.705	Road Nail
SVS15	517544.063	112087.173	14.705	Road Nail
SVS16	517561.365	112291.688	15.583	Road Nail
SVS17	517561.365	112291.688	15.583	Road Nail
SVS18	517561.365	112291.688	15.583	Road Nail
SVS19	517429.212	111893.916	17.024	Road Nail
SVS20	517429.212	111893.916	17.024	Road Nail
T101	517560.865	111734.895	15.965	Retro Target
T102	517560.865	111734.895	15.965	Retro Target
T103	517559.127	111734.583	16.571	Retro Target
T104	517559.127	111734.583	16.571	Retro Target
T105	517609.786	111774.564	16.775	Retro Target
T106	517609.786	111774.564	16.775	Retro Target
T107	517471.178	111816.028	19.648	Retro Target
T108	517471.952	111816.028	19.648	Retro Target
T109	517471.952	111816.028	19.648	Retro Target
T110	517555.784	111822.502	16.725	Retro Target
T111	517555.784	111821.616	16.774	Retro Target
T112	517555.784	111821.616	16.946	Retro Target
T113	517555.055	111821.616	17.092	Retro Target
T114	517555.055	111821.616	17.257	Retro Target
T115	517529.574	111768.982	15.483	Retro Target
T116	517529.574	111768.982	15.483	Retro Target
T117	517529.574	111768.982	15.483	Retro Target
T118	517529.574	111768.982	15.483	Retro Target
T119	517485.643	111797.035	18.581	Retro Target
T120	517485.643	111797.035	18.581	Retro Target
T121	517485.643	111797.035	18.581	Retro Target
T122	517529.574	111768.982	15.483	Retro Target
T123	517529.574	111768.982	15.483	Retro Target
T124	517564.206	111794.424	15.520	Retro Target
T125	517564.206	111794.424	17.051	Retro Target
T126	517544.512	111804.421	16.748	Retro Target
T127	517544.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SITE CONTROLLED BY OSTN15 TRANSFORMATION USING LEICA GNSS RECEIVER SITE IDENTIFIED AROUND SVS01 TWO BASE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE	DESCRIPTION

CLIENT: ARCADIS

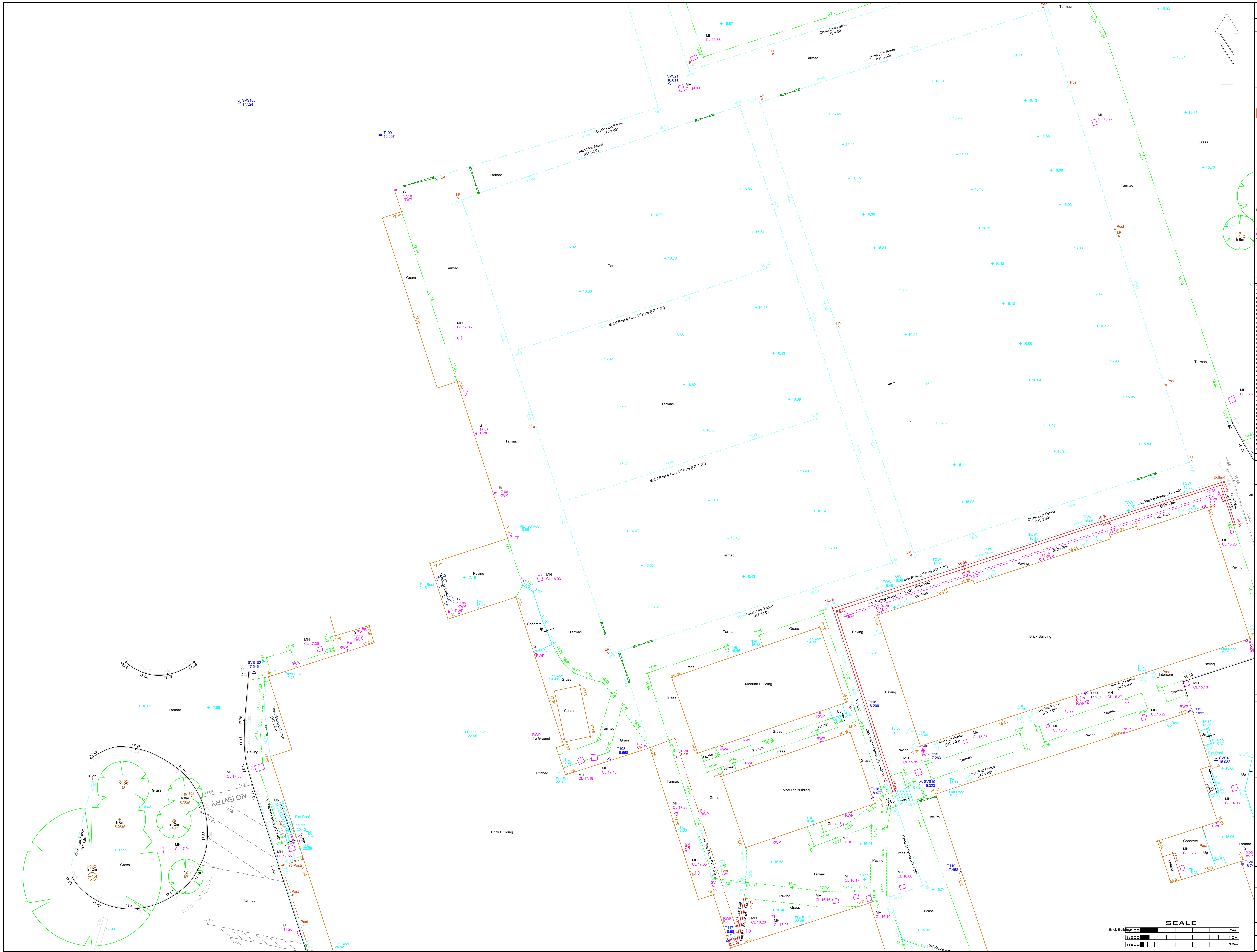
SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

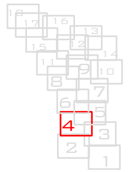
DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023
SCALE: 1:200 @A1
SHEET NO: 3 OF 18
REV:

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- SVS01 100.000 Survey Station
- + 100.00 Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- MH CL 00.00 Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- O-H O-H Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- 100.0 Contour Major
- 99.0 Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- E E Electricity
- HV HV Electricity High Voltage
- TL TL Traffic Signals
- GAS Gas
- W W Water
- CATV Cable Television
- CCTV Close Circuit Television
- COMM Communication
- BT BT British Telecom
- A A Compressed Air
- O O Offset Fill-Line
- OIL Oil Pipe
- P P Pipe
- V V Ventilation
- F F Fuel Line
- VR VR Vapour Recovery
- G-A G-A Gauge Line
- T T Telemetry
- FO FO Fibre Optics
- UNK Unknown
- O-H Overhead Line
- Historical By Layer
- UNK End Of Trace
- ▨ Do Not Drill / Banded Pipes
- ☐T Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
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- Pump Island
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ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
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ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
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BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
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D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
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ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
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SVS05	517602.865	111775.593	14.387	Road Nail
SVS10	517548.349	111715.380	15.092	Road Nail
SVS11	517522.721	111723.939	15.270	Road Nail
SVS12	517626.156	111668.045	15.781	Road Nail
SVS13	517617.236	111663.294	15.844	Road Nail
SVS14	517602.733	111826.054	14.266	Road Nail
SVS15	517591.590	111867.956	15.319	Road Nail
SVS16	517546.201	111853.378	15.583	Road Nail
SVS17	517549.969	111831.962	14.969	Road Nail
SVS18	517542.075	111817.955	15.032	Road Nail
SVS19	517507.992	111815.365	15.323	Road Nail
SVS20	517524.715	111907.012	16.068	Road Nail
SVS21	517478.900	111896.011	16.811	Road Nail
SVS22	517452.407	111969.588	17.689	Road Nail
SVS23	517346.043	112087.173	19.705	Road Nail
SVS24	517630.857	112127.132	14.062	Road Nail
SVS25	517322.265	112211.462	17.426	Road Nail
SVS26	517413.301	112261.688	13.981	Road Nail
SVS27	517566.266	112243.894	13.391	Road Nail
SVS28	517596.943	112204.208	13.623	Road Nail
SVS103	517429.212	111893.918	17.524	Road Nail
T100	517542.020	111714.662	17.015	Retro Target
T101	517571.938	111721.777	16.492	Retro Target
T102	517569.845	111724.895	15.965	Retro Target
T103	517572.738	111688.480	16.367	Retro Target
T104	517593.217	111730.963	17.451	Retro Target
T105	517609.796	111774.564	16.775	Retro Target
T106	517631.830	111725.831	16.316	Retro Target
T107	517665.178	111734.145	16.192	Retro Target
T108	517471.952	111818.028	19.668	Retro Target
T109	517445.538	111890.188	19.097	Retro Target
T110	517568.537	111832.302	16.725	Retro Target
T111	517555.744	111821.616	16.774	Retro Target
T112	517545.580	111831.659	16.946	Retro Target
T113	517539.055	111823.578	17.092	Retro Target
T114	517527.030	111825.642	17.257	Retro Target
T115	517508.485	111819.601	17.263	Retro Target
T116	517502.411	111813.511	18.477	Retro Target
T117	517485.647	111797.035	18.581	Retro Target
T118	517499.826	111823.929	18.206	Retro Target
T119	517512.563	111804.859	17.458	Retro Target
T120	517509.637	111785.700	17.483	Retro Target
T121	517528.374	111748.962	17.453	Retro Target
T122	517525.638	111764.638	17.730	Retro Target
T123	517525.054	111740.356	17.609	Retro Target
T124	517556.109	111774.626	17.732	Retro Target
T125	517556.253	111782.007	17.051	Retro Target
T126	517545.123	111805.972	16.748	Retro Target
T127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:	
1222-ARC-15641	03-01-2023	
SCALE:	SHEET NO:	REV:
1:200 @A1	4 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OHL	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	ROODING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV023	517478.899	111894.011	16.811	Road Nail
SV010	517429.234	111794.746	17.416	Road Nail
SV022	517423.048	111791.586	17.420	Road Nail
SV102	517430.935	111828.037	17.546	Road Nail
SV103	517429.215	111893.917	17.535	Road Nail
71	517439.967	111893.943	16.811	Retro Target
72	517439.949	111893.943	16.811	Retro Target
73	517455.585	111783.351	19.047	Retro Target
SV009	517455.585	111783.351	19.047	Road Nail
SV021	517517.868	111715.848	16.806	Road Nail
SV003	517519.960	111715.848	16.781	Road Nail
SV004	517519.960	111715.848	16.781	Road Nail
SV005	517519.988	111715.848	16.538	Road Nail
SV020	517548.589	111715.380	15.582	Road Nail
SV019	517562.215	111715.380	15.370	Road Nail
SV018	517571.215	111863.294	15.894	Road Nail
SV017	517571.215	111863.294	15.894	Road Nail
SV016	517546.201	111853.978	15.583	Road Nail
SV015	517546.201	111853.978	15.583	Road Nail
SV014	517547.992	111815.365	15.303	Road Nail
SV013	517507.992	111815.365	15.303	Road Nail
SV012	517478.500	111886.588	15.811	Road Nail
SV011	517452.807	111969.588	15.689	Road Nail
SV024	517452.807	111969.588	15.689	Road Nail
SV007	517502.857	112211.132	15.902	Road Nail
SV025	517502.365	112231.682	17.426	Road Nail
SV026	517502.365	112231.682	17.426	Road Nail
SV027	517596.266	112204.698	13.931	Road Nail
SV028	517596.963	112204.208	13.823	Road Nail
SV029	517596.963	112204.208	13.823	Road Nail
P100	517542.020	111734.592	16.010	Retro Target
P101	517531.938	111734.777	16.490	Retro Target
P102	517531.938	111734.777	16.490	Retro Target
P103	517572.738	111888.480	16.367	Retro Target
P104	517593.015	111736.963	17.451	Retro Target
P105	517593.015	111736.963	17.451	Retro Target
P106	517602.178	111734.555	16.910	Retro Target
P107	517665.176	111734.185	16.192	Retro Target
P108	517665.176	111734.185	16.192	Retro Target
P109	517645.538	111890.188	15.097	Retro Target
P110	517648.523	111832.302	16.725	Retro Target
P111	517545.580	111831.659	16.946	Retro Target
P112	517545.580	111831.659	16.946	Retro Target
P113	517539.055	111823.578	17.090	Retro Target
P114	517539.055	111823.578	17.090	Retro Target
P115	517508.489	111824.701	15.253	Retro Target
P116	517486.811	111824.701	14.841	Retro Target
P117	517486.811	111824.701	14.841	Retro Target
P118	517399.826	111823.959	15.488	Retro Target
P119	517398.057	111823.959	15.488	Retro Target
P120	517398.057	111765.700	15.488	Retro Target
P121	517425.304	111765.960	15.459	Retro Target
P122	517425.304	111766.324	15.459	Retro Target
P123	517545.053	111766.324	16.748	Retro Target
P124	517545.053	111766.324	16.748	Retro Target
P125	517545.053	111805.972	16.748	Retro Target
P126	517545.053	111805.972	16.748	Retro Target
P127	517594.312	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SITE CENTERED AROUND SVS01: NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

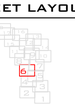
DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	5 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT 'AVOIDING DANGERS FROM UNDERGROUND SERVICES'. LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS01	537478.689	111846.011	17.811	Road Nail
SVS02	537425.334	111791.594	16.944	Road Nail
SVS03	537463.099	111751.596	16.544	Road Nail
SVS04	537428.212	111705.917	16.330	Road Nail
SVS05	537429.212	111689.317	17.530	Road Nail
01	537409.757	111701.903	20.109	Retro Target
02	537409.757	111701.903	20.109	Retro Target
03	537409.588	111738.515	19.434	Retro Target
04	537409.883	111782.771	17.982	Retro Target
SVS01	537478.689	111846.011	17.811	Road Nail
SVS02	537425.334	111791.594	16.944	Road Nail
SVS03	537463.099	111751.596	16.544	Road Nail
SVS04	537428.212	111705.917	16.330	Road Nail
SVS05	537429.212	111689.317	17.530	Road Nail
SVS06	537402.865	111715.593	16.357	Road Nail
SVS07	537368.369	111715.380	15.992	Road Nail
SVS08	537371.126	111688.245	15.741	Road Nail
SVS09	537371.126	111688.245	15.741	Road Nail
SVS10	537367.236	111665.294	15.946	Road Nail
SVS11	537367.236	111665.294	15.946	Road Nail
SVS12	537341.590	111667.956	15.519	Road Nail
SVS13	537344.201	111653.378	15.383	Road Nail
SVS14	537344.201	111653.378	15.383	Road Nail
SVS15	537342.995	111637.955	15.322	Road Nail
SVS16	537342.995	111637.955	15.322	Road Nail
SVS17	537341.765	111625.060	15.323	Road Nail
SVS18	537341.765	111625.060	15.323	Road Nail
SVS19	537479.900	111896.011	16.811	Road Nail
SVS20	537479.900	111896.011	16.811	Road Nail
SVS21	537346.063	111687.253	14.935	Road Nail
SVS22	537346.063	111687.253	14.935	Road Nail
SVS23	537361.857	111641.488	14.857	Road Nail
SVS24	537361.857	111641.488	14.857	Road Nail
SVS25	537361.305	111625.488	14.940	Road Nail
SVS26	537361.305	111625.488	14.940	Road Nail
SVS27	537429.212	111893.918	17.524	Road Nail
SVS103	537429.212	111893.918	17.524	Road Nail
T01	537569.865	111704.895	15.985	Retro Target
T02	537569.865	111704.895	15.985	Retro Target
T03	537569.578	111705.963	15.985	Retro Target
T04	537569.578	111705.963	15.985	Retro Target
T05	537609.396	111774.364	16.771	Retro Target
T06	537609.396	111774.364	16.771	Retro Target
T07	537605.178	111758.135	19.668	Retro Target
T08	537671.952	111818.028	19.668	Retro Target
T09	537671.952	111818.028	19.668	Retro Target
T10	537648.537	111832.330	16.574	Retro Target
T11	537551.764	111801.616	16.774	Retro Target
T12	537551.764	111801.616	16.774	Retro Target
T13	537539.055	111823.578	17.250	Retro Target
T14	537539.055	111823.578	17.250	Retro Target
T15	537527.635	111825.642	17.257	Retro Target
T16	537527.635	111825.642	17.257	Retro Target
T17	537502.411	111823.511	16.470	Retro Target
T18	537485.647	111797.035	19.581	Retro Target
T19	537485.647	111797.035	19.581	Retro Target
T20	537512.563	111766.659	17.408	Retro Target
T21	537509.637	111765.702	17.483	Retro Target
T22	537509.637	111765.702	17.483	Retro Target
T23	537525.636	111764.636	17.330	Retro Target
T24	537525.054	111764.054	17.409	Retro Target
T25	537545.253	111805.972	17.001	Retro Target
T26	537545.123	111805.972	16.748	Retro Target
T27	537544.932	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE	DESCRIPTION

SCALE

1:100 5M
1:200 10M
1:500 25M

CLIENT: ARCADIS

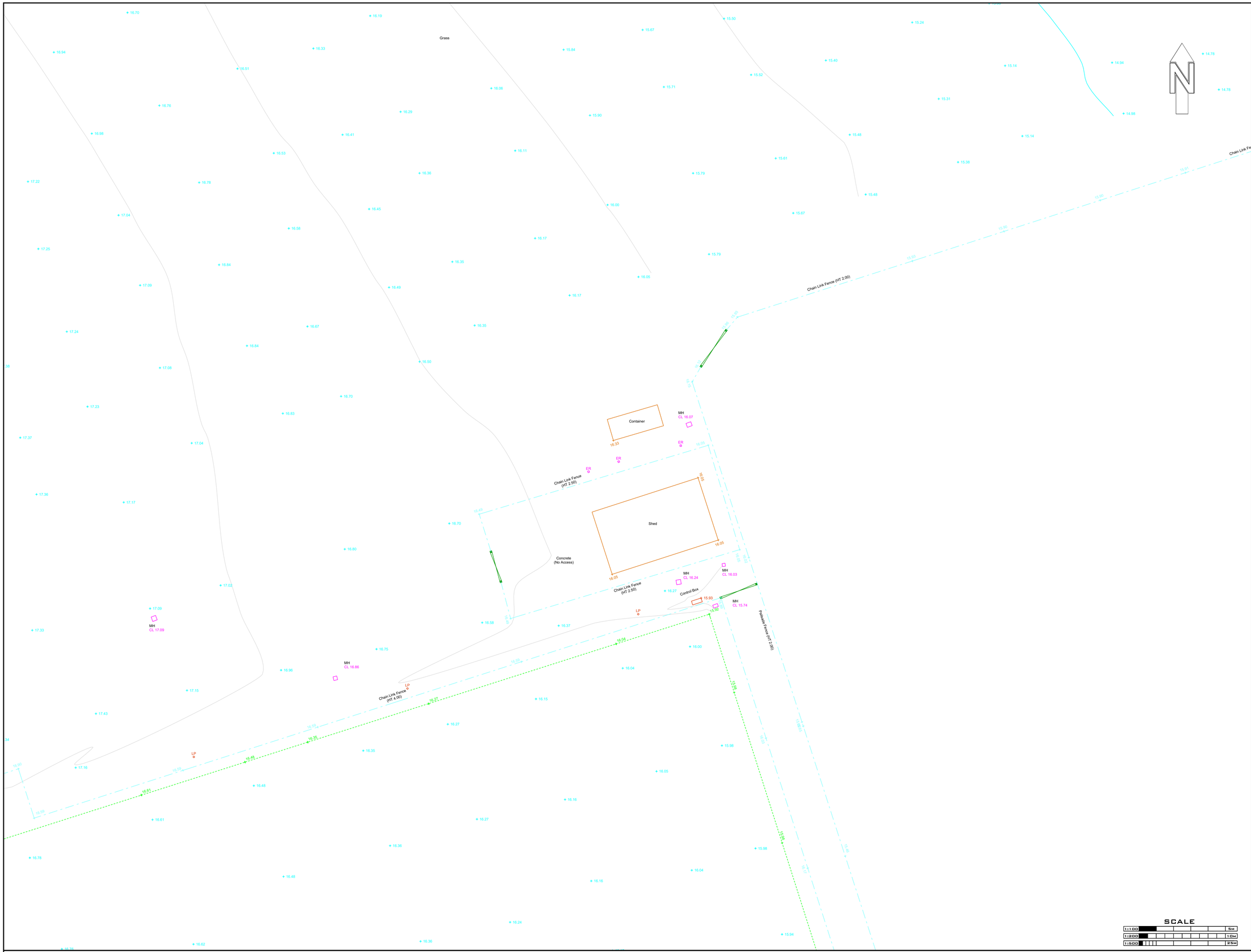
SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023
SCALE: 1:200 @A1
SHEET NO: 6 OF 18
REV:

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT 'AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree
(Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water
U=Unknown
F=Fuel
P=Product
C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV001	517478.439	111998.011	17.611	Road Nail
BV010	517429.234	111794.746	17.416	Road Nail
BV011	517429.234	111794.746	17.416	Road Nail
BV102	517430.532	111828.337	17.546	Road Nail
BV9103	517429.015	111893.917	17.535	Road Nail
71	517429.015	111893.917	17.535	Retro Target
72	517439.987	111788.598	19.149	Retro Target
73	517455.585	111783.511	19.047	Retro Target
9103	517455.585	111783.511	19.047	Road Nail
BV001	517517.960	111887.132	14.802	Road Nail
BV002	517579.866	111974.848	14.481	Road Nail
BV003	517579.866	111974.848	14.481	Road Nail
BV004	517629.588	112051.898	14.538	Road Nail
BV005	517648.589	112075.380	14.582	Road Nail
BV006	517648.589	112075.380	14.582	Road Nail
BV011	517662.734	112028.439	14.370	Road Nail
BV012	517671.225	111983.294	13.896	Road Nail
BV013	517671.225	111983.294	13.896	Road Nail
BV014	517682.580	111953.934	13.918	Road Nail
BV015	517682.580	111953.934	13.918	Road Nail
BV016	517546.301	111853.978	13.583	Road Nail
BV017	517546.301	111853.978	13.583	Road Nail
BV018	517542.075	111831.555	13.503	Road Nail
BV019	517507.962	111815.360	13.503	Road Nail
BV020	517479.502	111806.011	13.811	Road Nail
BV021	517452.807	111969.588	14.689	Road Nail
BV022	517452.807	111969.588	14.689	Road Nail
BV024	517430.857	112027.132	14.602	Road Nail
BV025	517302.365	112211.482	13.426	Road Nail
BV026	517302.365	112211.482	13.426	Road Nail
BV027	517546.266	112263.694	13.921	Road Nail
BV028	517596.963	112204.208	13.623	Road Nail
BV9104	517596.963	112204.208	13.623	Road Nail
100	517542.020	111774.592	16.990	Retro Target
101	517571.936	111721.777	16.490	Retro Target
102	517572.738	111688.440	16.387	Retro Target
103	517572.738	111688.440	16.387	Retro Target
104	517593.215	111734.963	17.451	Retro Target
105	517621.830	111779.931	16.910	Retro Target
106	517621.830	111779.931	16.910	Retro Target
107	517665.178	111734.185	16.190	Retro Target
108	517665.178	111734.185	16.190	Retro Target
109	517645.538	111890.188	19.097	Retro Target
110	517648.523	111832.302	16.725	Retro Target
111	517648.523	111832.302	16.725	Retro Target
112	517597.580	111831.659	16.946	Retro Target
113	517539.055	111823.578	17.090	Retro Target
114	517539.055	111823.578	17.090	Retro Target
115	517618.485	111818.931	17.153	Retro Target
116	517618.485	111818.931	17.153	Retro Target
117	517680.811	111824.715	16.481	Retro Target
118	517699.826	111826.554	16.228	Retro Target
119	517699.826	111826.554	16.228	Retro Target
120	517726.357	111769.702	15.483	Retro Target
121	517726.357	111769.702	15.483	Retro Target
122	517706.294	111748.940	15.453	Retro Target
123	517671.504	111746.324	15.609	Retro Target
124	517671.504	111746.324	15.609	Retro Target
125	517545.153	111805.972	16.748	Retro Target
126	517545.153	111804.421	16.639	Retro Target
127	517594.312			

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SITE CENTERED AROUND SVS01: NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

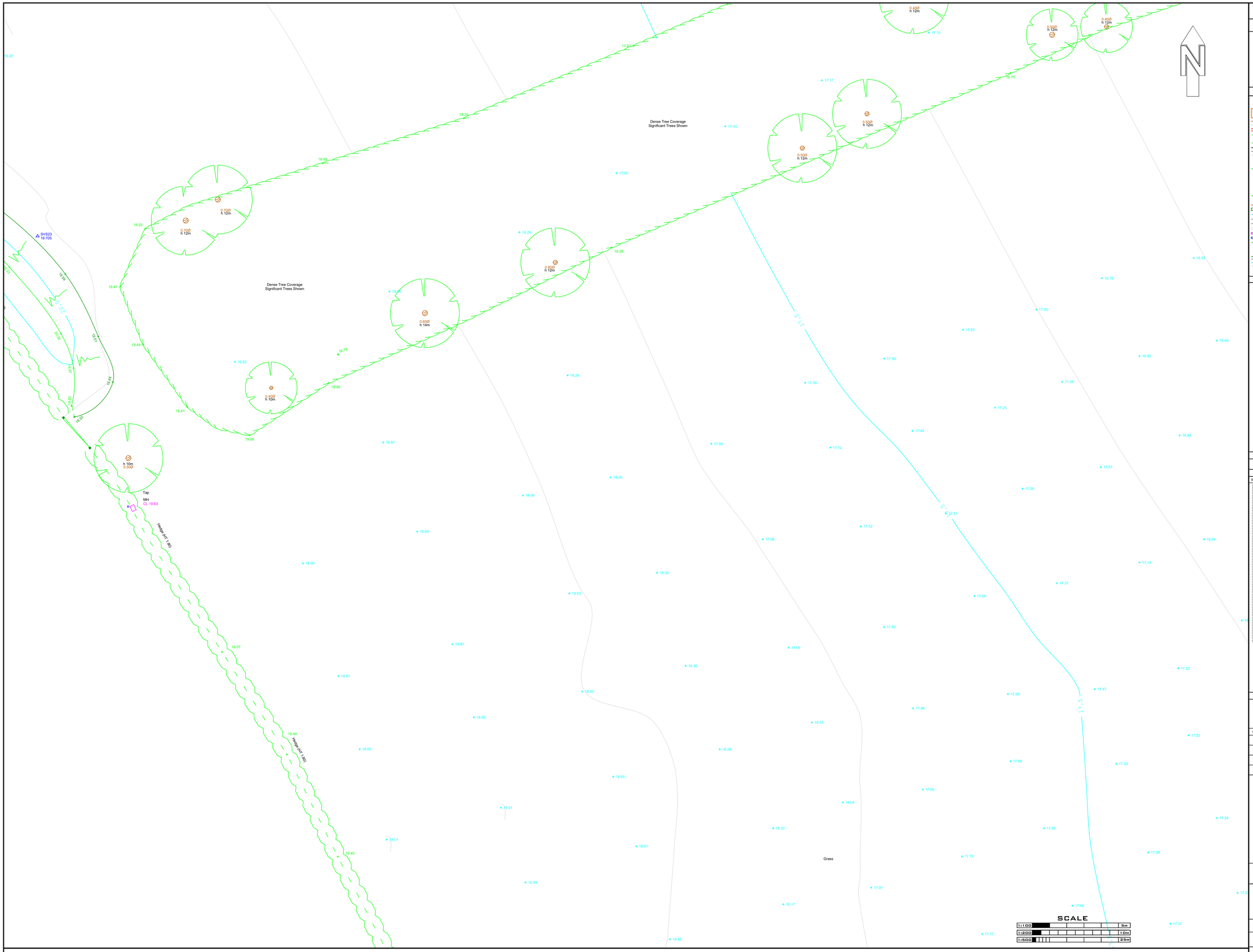
DRAWING TITLE: 3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	7 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole (MH CL DD.DD)
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole (BH 00.00)

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV001	517478.899	111896.011	16.811	Road Nail
SV0120	517429.264	111754.765	17.618	Road Nail
SV0121	517461.099	111731.596	16.546	Road Nail
SV0122	517429.212	111893.917	16.944	Road Nail
SV0123	517429.212	111893.917	17.535	Road Nail
21	517406.021	111781.809	20.108	Retro Target
22	517405.946	111781.711	20.047	Retro Target
23	517405.946	111781.711	19.947	Retro Target
7268	517465.685	111787.771	17.882	Retro Target
SV002	517479.842	111876.448	16.706	Road Nail
SV003	517519.860	111876.448	16.706	Road Nail
SV004	517602.909	111921.698	14.476	Road Nail
SV005	517664.868	111921.698	14.476	Road Nail
SV006	517664.868	111921.698	14.476	Road Nail
SV010	517502.765	111763.939	15.270	Road Nail
SV011	517502.765	111763.939	15.270	Road Nail
SV012	517502.765	111763.939	15.270	Road Nail
SV013	517502.536	111806.194	15.844	Road Nail
SV014	517502.733	111806.194	14.266	Road Nail
SV015	517546.203	111853.378	15.583	Road Nail
SV016	517546.203	111853.378	15.583	Road Nail
SV017	517545.969	111853.982	14.969	Road Nail
SV018	517545.969	111853.982	14.969	Road Nail
SV019	517707.562	111907.355	16.033	Road Nail
SV020	517724.715	111907.012	16.048	Road Nail
SV021	517743.807	111888.588	15.833	Road Nail
SV022	517743.807	111888.588	15.833	Road Nail
SV023	517744.063	112287.173	19.705	Road Nail
SV024	517744.063	112287.173	19.705	Road Nail
SV025	517722.253	112241.624	17.624	Road Nail
SV026	517743.301	112261.694	13.981	Road Nail
SV027	517743.301	112261.694	13.981	Road Nail
SV028	517796.943	112206.182	13.573	Road Nail
SV0103	517429.212	111893.916	17.524	Road Nail
7101	517517.538	111724.695	16.450	Retro Target
7102	517517.538	111724.695	16.450	Retro Target
7103	517565.865	111724.695	15.965	Retro Target
7104	517593.217	111730.963	15.451	Retro Target
7105	517593.217	111730.963	15.451	Retro Target
7106	517609.786	111774.084	16.775	Retro Target
7107	517609.786	111774.084	16.775	Retro Target
7108	517471.178	111734.145	16.150	Retro Target
7109	517471.952	111818.228	19.668	Retro Target
7110	517548.139	111822.906	16.575	Retro Target
7111	517548.139	111822.906	16.575	Retro Target
7112	517555.764	111821.616	16.746	Retro Target
7113	517555.764	111821.616	16.746	Retro Target
7114	517539.053	111803.578	17.050	Retro Target
7115	517539.053	111803.578	17.050	Retro Target
7116	517564.495	111805.661	15.453	Retro Target
7117	517564.495	111805.661	15.453	Retro Target
7118	517564.441	111803.511	16.639	Retro Target
7119	517564.441	111803.511	16.639	Retro Target
7120	517589.825	111803.929	16.036	Retro Target
7121	517589.825	111803.929	16.036	Retro Target
7122	517526.537	111748.982	17.453	Retro Target
7123	517526.374	111748.982	17.453	Retro Target
7124	517554.024	111794.626	17.020	Retro Target
7125	517554.024	111794.626	17.020	Retro Target
7126	517554.105	111794.626	17.532	Retro Target
7127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL COORDINATES ARE IN METRES RELATED TO OSGB36 USING LEICA GNSS RECEIVER SITE CENTERED AROUND SV001. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS

SITE LOCATION:

Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

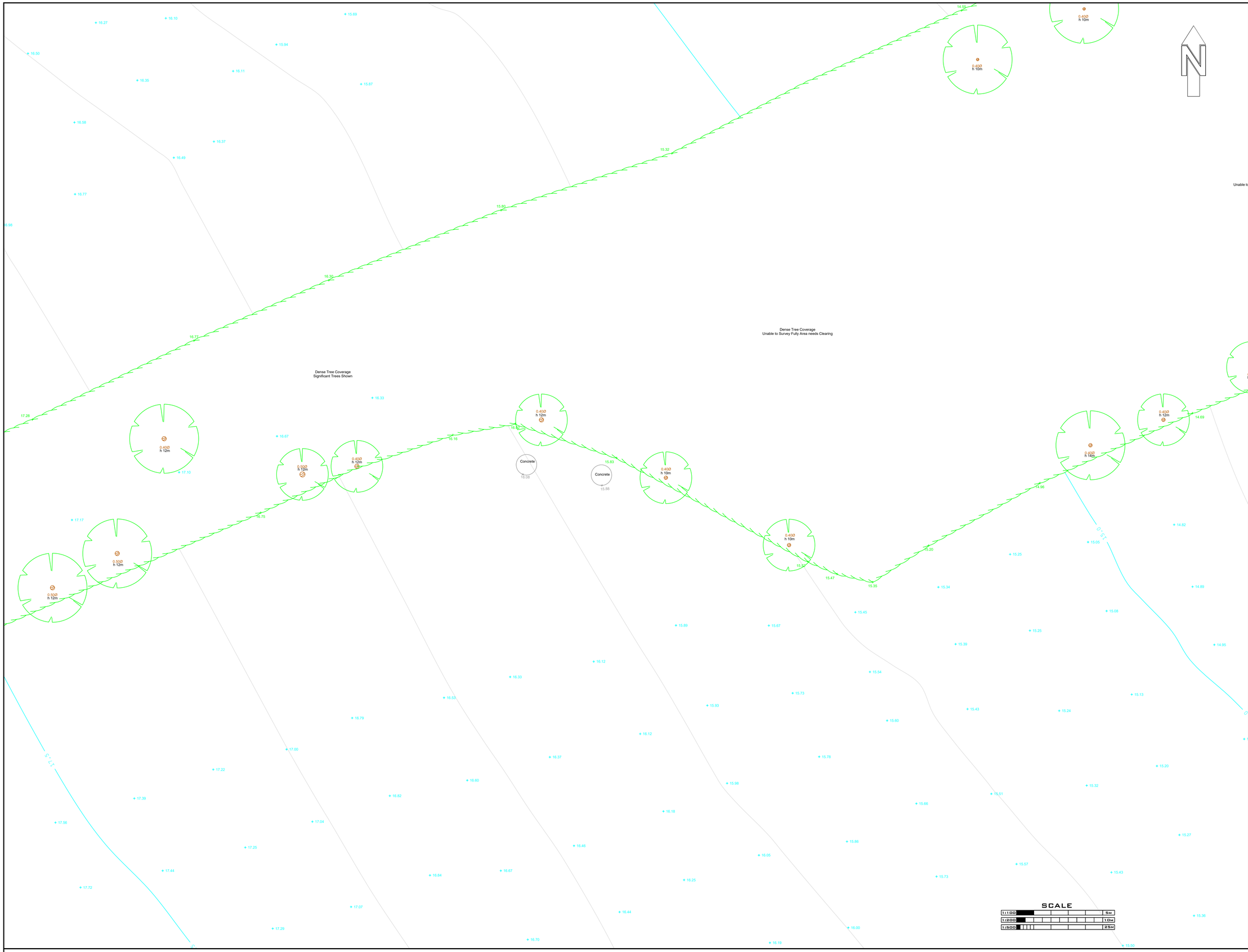
DRAWING TITLE:

3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023
SCALE: 1:200 @A1	SHEET NO: 8 OF 18 REV:

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all/public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV001	517478.899	111896.011	16.811	Road Nail
SV002	517463.239	111731.786	16.544	Road Nail
SV003	517463.098	111731.598	16.564	Road Nail
SV004	517460.932	111828.037	17.566	Road Nail
SV005	517460.932	111828.037	17.566	Road Nail
01	517464.557	111791.907	20.218	Retro Target
02	517429.987	111788.398	19.149	Retro Target
03	517403.465	111783.711	17.892	Retro Target
SV019	517403.465	111783.711	17.892	Retro Target
SV021	517471.955	111681.753	14.855	Road Nail
SV022	517471.955	111681.753	14.855	Road Nail
SV003	517503.908	111707.556	15.670	Road Nail
SV004	517609.969	111721.888	14.596	Road Nail
SV005	517602.733	111826.254	14.898	Road Nail
SV006	517591.590	111867.956	15.319	Road Nail
SV007	517548.968	111831.565	15.969	Road Nail
SV008	517542.075	111871.865	15.631	Road Nail
SV009	517524.725	111896.588	15.888	Road Nail
SV020	517474.965	111896.588	16.889	Road Nail
SV021	517474.965	111896.588	16.889	Road Nail
SV022	517474.243	111897.113	16.863	Road Nail
SV023	517474.243	111897.113	16.863	Road Nail
SV024	517502.585	111921.482	15.936	Road Nail
SV025	517502.585	111921.482	15.936	Road Nail
SV026	517586.943	111854.304	15.831	Road Nail
SV027	517586.943	111854.304	15.831	Road Nail
SV010	517542.122	111824.522	15.513	Road Nail
101	517571.928	111731.777	16.492	Retro Target
102	517571.928	111731.777	16.492	Retro Target
103	517589.158	111688.480	16.967	Retro Target
104	517589.215	111790.963	17.451	Retro Target
105	517589.215	111790.963	17.451	Retro Target
106	517621.830	111734.165	16.816	Retro Target
107	517665.576	111734.165	16.192	Retro Target
108	517665.576	111734.165	16.192	Retro Target
109	517644.538	111890.188	16.097	Retro Target
110	517566.527	111832.302	16.703	Retro Target
111	517566.527	111832.302	16.703	Retro Target
112	517547.580	111823.658	16.946	Retro Target
113	517539.055	111823.576	17.050	Retro Target
114	517539.055	111823.576	17.050	Retro Target
115	517508.485	111819.601	17.253	Retro Target
116	517501.815	111813.511	18.477	Retro Target
117	517499.824	111823.529	18.206	Retro Target
118	517499.824	111823.529	18.206	Retro Target
119	517519.563	111804.859	17.408	Retro Target
120	517519.563	111804.859	17.408	Retro Target
121	517502.574	111748.992	17.853	Retro Target
122	517525.638	111744.638	17.620	Retro Target
123	517525.638	111744.638	17.620	Retro Target
124	517504.109	111734.057	17.591	Retro Target
125	517504.253	111733.057	17.591	Retro Target
126	517504.253	111804.422	16.639	Retro Target
127	517504.312			

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND SV001: NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

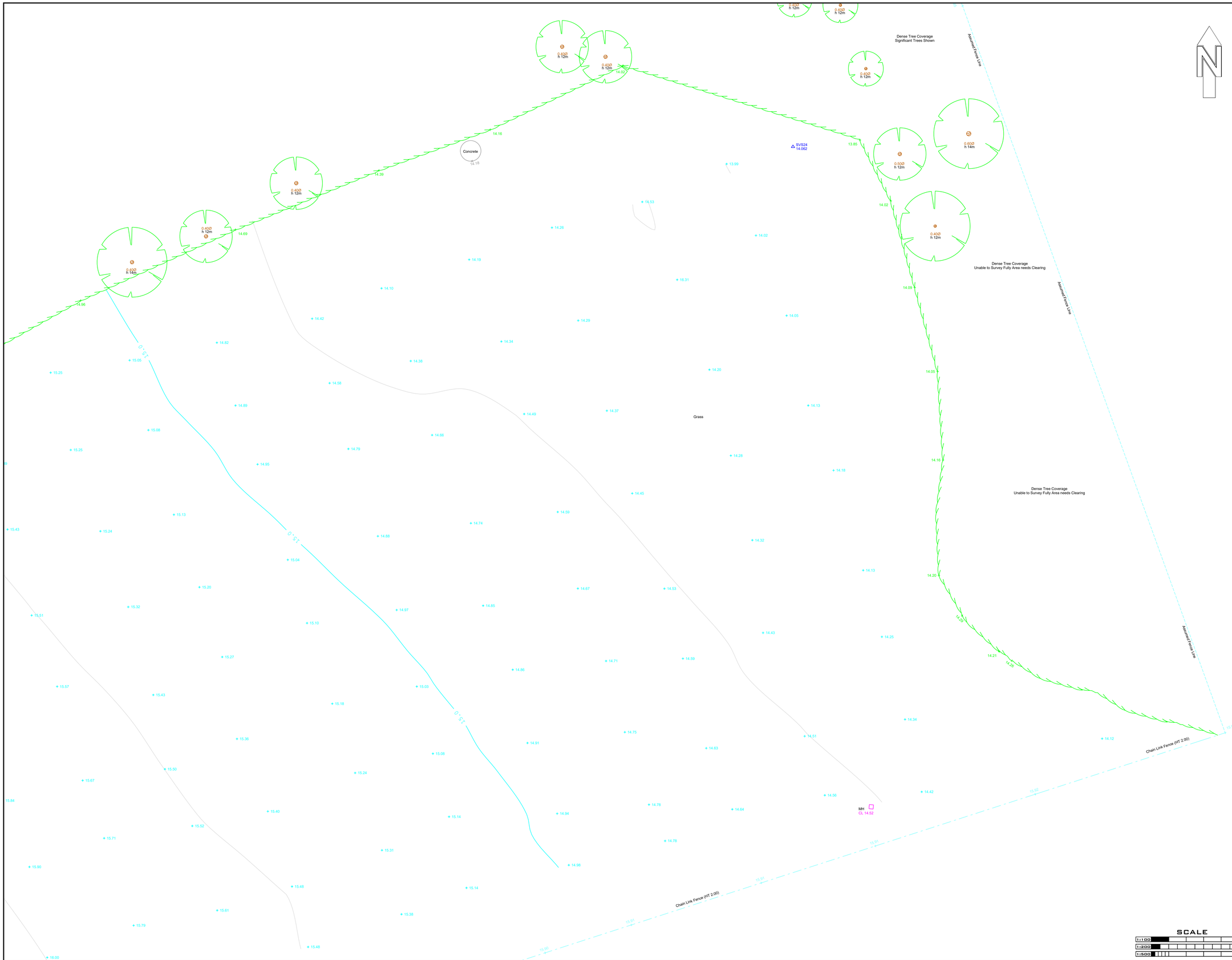
DRAWING TITLE:
3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

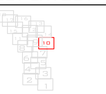
SCALE:	SHEET NO:	REV:
1:200 @A1	9 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH/ DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRADE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV021	517478.899	111896.011	16.811	Road Nail
BV020	517429.526	111754.761	17.010	Road Nail
BV022	517461.099	111731.596	16.546	Road Nail
BV023	517428.212	111626.348	16.944	Road Nail
BV0100	517429.212	111626.917	17.535	Road Nail
61	517406.925	111705.909	20.108	Retro Target
62	517455.585	111788.313	19.047	Retro Target
63	517485.588	111788.713	19.047	Retro Target
7268	517465.685	111787.771	17.882	Retro Target
BV012	517517.727	111876.448	14.796	Road Nail
BV013	517576.860	111976.648	14.796	Road Nail
BV024	517602.906	112021.484	14.491	Road Nail
BV025	517628.869	112065.694	14.196	Road Nail
BV026	517654.832	112110.530	14.900	Road Nail
BV010	517682.180	111923.240	15.270	Road Nail
BV011	517702.705	111753.939	15.270	Road Nail
BV012	517708.136	111886.248	15.844	Road Nail
BV013	517708.136	111886.248	15.844	Road Nail
BV014	517707.733	111805.094	16.596	Road Nail
BV015	517707.733	111805.094	16.596	Road Nail
BV016	517546.201	111831.378	15.583	Road Nail
BV017	517545.969	111831.982	14.969	Road Nail
BV018	517545.969	111831.982	14.969	Road Nail
BV019	517707.592	111805.355	16.201	Road Nail
BV020	517524.715	111907.012	16.268	Road Nail
BV021	517478.899	111896.011	16.811	Road Nail
BV022	517461.407	111886.588	16.833	Road Nail
BV023	517386.263	112287.173	19.705	Road Nail
BV024	517602.906	112021.484	14.491	Road Nail
BV025	517622.057	112054.424	13.424	Road Nail
BV026	517643.301	112091.684	13.981	Road Nail
BV027	517664.545	112128.944	13.981	Road Nail
BV028	517685.789	112166.203	13.981	Road Nail
BV0103	517429.212	111893.916	17.524	Road Nail
7100	517471.952	111818.228	19.668	Retro Target
7101	517471.952	111818.228	19.668	Retro Target
7102	517565.865	111754.145	16.450	Retro Target
7103	517565.865	111754.145	16.450	Retro Target
7104	517593.217	111730.963	15.451	Retro Target
7105	517609.796	111774.084	16.775	Retro Target
7106	517609.796	111774.084	16.775	Retro Target
7107	517645.178	111754.145	16.450	Retro Target
7108	517471.952	111818.228	19.668	Retro Target
7109	517471.952	111818.228	19.668	Retro Target
7110	517568.139	111832.908	16.175	Retro Target
7111	517595.744	111801.616	16.746	Retro Target
7112	517595.744	111801.616	16.746	Retro Target
7113	517729.053	111825.441	17.090	Retro Target
7114	517729.053	111825.441	17.090	Retro Target
7115	517568.685	111825.441	15.453	Retro Target
7116	517568.685	111825.441	15.453	Retro Target
7117	517649.825	111825.929	18.036	Retro Target
7118	517649.825	111825.929	18.036	Retro Target
7119	517528.374	111748.982	15.488	Retro Target
7120	517528.374	111748.982	15.488	Retro Target
7121	517528.374	111748.982	15.453	Retro Target
7122	517553.034	111794.626	17.532	Retro Target
7123	517553.034	111794.626	17.532	Retro Target
7124	517554.329	111794.626	17.532	Retro Target
7125	517545.123	111804.972	16.744	Retro Target
7126	517545.123	111804.972	16.744	Retro Target
7127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL COORDINATES ARE IN METRES RELATED TO OSGB36 DATUM USING GNSS RECEIVER SITE CENTERED AROUND SV501. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

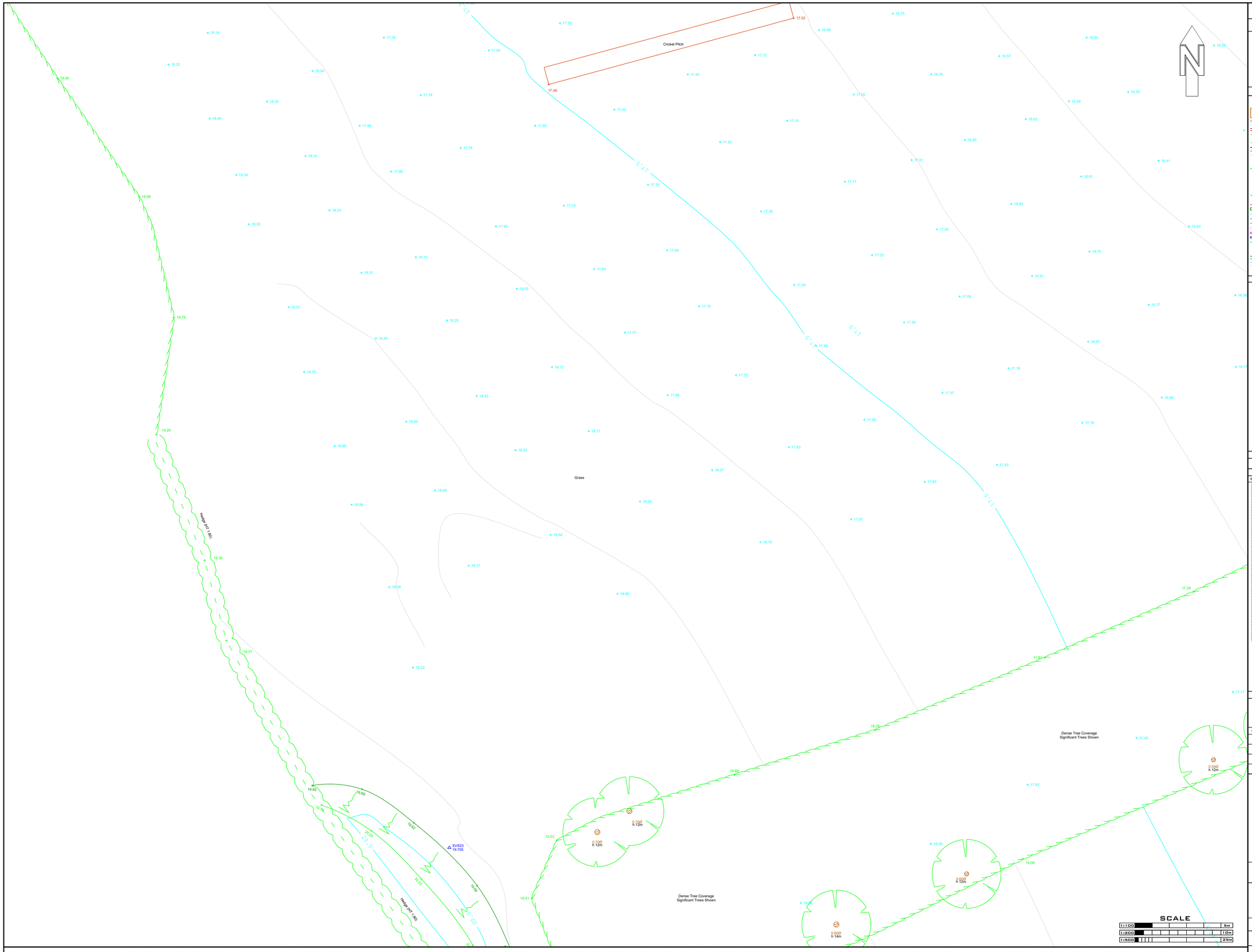
DRAWING TITLE:
3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023
SCALE: 1:200 @A1
SHEET NO: 10 OF 18
REV:

SCALE
1:100 5M
1:200 10M
1:500 25M

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFO	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS23	517478.899	111896.041	16.811	Road Nail
SVS101	517465.299	111896.196	16.884	Road Nail
SVS102	517453.099	111896.336	16.939	Road Nail
SVS103	517469.321	111883.971	17.556	Road Nail
1	517469.321	111883.971	20.000	Retro Target
2	517469.987	111883.900	20.000	Retro Target
3	517469.965	111883.829	19.987	Retro Target
4	517469.943	111883.758	19.987	Retro Target
SVS9	517475.883	111879.849	16.882	Retro Target
SVS01	517579.866	111876.848	14.766	Road Nail
SVS02	517625.969	111872.848	14.556	Road Nail
SVS03	517628.969	111872.848	14.556	Road Nail
SVS05	517601.865	111775.593	14.287	Road Nail
SVS06	517602.737	111723.539	13.870	Road Nail
SVS11	517727.737	111723.539	13.870	Road Nail
SVS12	517624.154	111648.045	13.781	Road Nail
SVS13	517624.154	111648.045	13.781	Road Nail
SVS14	517602.733	111826.034	14.256	Road Nail
SVS15	517591.590	111857.956	13.519	Road Nail
SVS16	517591.590	111857.956	13.519	Road Nail
SVS17	517549.949	111830.942	14.900	Road Nail
SVS18	517542.075	111871.955	13.931	Road Nail
SVS19	517542.075	111871.955	13.931	Road Nail
SVS20	517534.715	111907.012	14.000	Road Nail
SVS21	517476.900	111896.011	16.811	Road Nail
SVS22	517478.899	111896.041	16.811	Road Nail
SVS24	517546.243	112287.173	14.703	Road Nail
SVS25	517630.057	112227.132	14.662	Road Nail
SVS26	517630.057	112227.132	14.662	Road Nail
SVS27	517545.500	112240.888	13.981	Road Nail
SVS28	517566.266	112253.894	13.931	Road Nail
SVS29	517566.266	112253.894	13.931	Road Nail
SVS30	517529.210	111895.918	17.529	Road Nail
SVS31	517541.909	111724.662	14.933	Road Nail
T101	517541.909	111724.662	14.933	Retro Target
T102	517568.848	111758.895	15.965	Retro Target
T103	517569.848	111758.895	15.965	Retro Target
T104	517569.125	111796.963	16.481	Retro Target
T105	517569.125	111796.963	16.481	Retro Target
T106	517606.766	111774.544	16.770	Retro Target
T107	517606.766	111774.544	16.770	Retro Target
T108	517645.536	111808.248	16.857	Retro Target
T109	517645.536	111808.248	16.857	Retro Target
T110	517568.521	111832.302	16.765	Retro Target
T111	517568.521	111832.302	16.765	Retro Target
T112	517529.055	111825.574	16.896	Retro Target
T113	517529.055	111825.574	17.092	Retro Target
T114	517508.485	111839.601	17.263	Retro Target
T115	517508.485	111839.601	17.263	Retro Target
T116	517501.811	111837.311	18.471	Retro Target
T117	517499.824	111823.529	18.206	Retro Target
T118	517499.824	111823.529	18.206	Retro Target
T119	517510.563	111804.859	17.468	Retro Target
T120	517510.563	111804.859	17.468	Retro Target
T121	517528.374	111788.362	17.453	Retro Target
T122	517528.638	111744.638	17.530	Retro Target
T123	517528.638	111744.638	17.530	Retro Target
T124	517556.109	111774.626	17.732	Retro Target
T125	517564.253	111782.007	17.581	Retro Target
T126	517564.253	111782.007	17.581	Retro Target
T127	517564.312	111804.421	16.439	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5m	
1:200	10m	
1:500	25m	

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	11 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.

THE NAME IN SURVEYS

SHEET LAYOUT

LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank - W= Water U=Unknown D=Diesel P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBH	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH - DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS100	517429.154	111754.740	17.618	Road Nail
SVS101	517463.099	111731.596	16.544	Road Nail
SVS102	517428.222	111715.757	16.555	Road Nail
SVS103	517429.222	111895.917	17.515	Road Nail
T1	517406.757	111791.907	20.109	Retro Target
T2	517455.545	111782.117	19.847	Retro Target
T3	517455.545	111782.117	19.847	Retro Target
TP39	517465.885	111782.771	17.982	Retro Target
SVS01	517579.842	111876.848	14.166	Road Nail
SVS02	517579.842	111876.848	14.166	Road Nail
SVS03	517523.908	111727.356	13.481	Road Nail
SVS04	517523.908	111727.356	13.481	Road Nail
SVS05	517602.845	111775.193	14.387	Road Nail
SVS10	517548.369	111715.980	13.092	Road Nail
SVS11	517548.369	111715.980	13.092	Road Nail
SVS12	517626.158	111868.045	15.781	Road Nail
SVS13	517621.235	111865.294	15.866	Road Nail
SVS14	517621.235	111865.294	15.866	Road Nail
SVS15	517593.290	111885.958	15.514	Road Nail
SVS16	517593.290	111885.958	15.514	Road Nail
SVS17	517549.969	111852.962	14.969	Road Nail
SVS18	517549.969	111852.962	14.969	Road Nail
SVS19	517564.542	111907.355	16.033	Road Nail
SVS20	517564.715	111907.010	16.098	Road Nail
SVS22	517562.827	111868.588	17.889	Road Nail
SVS23	517562.827	111868.588	17.889	Road Nail
SVS24	517544.043	112087.173	19.555	Road Nail
SVS25	517544.043	112087.173	19.555	Road Nail
SVS26	517563.305	112241.684	13.981	Road Nail
SVS27	517563.305	112241.684	13.981	Road Nail
SVS28	517586.543	112254.228	13.533	Road Nail
SVS29	517586.543	112254.228	13.533	Road Nail
SVS103	517429.222	111895.916	17.524	Road Nail
T101	517571.538	111721.777	16.652	Retro Target
T102	517571.538	111721.777	16.652	Retro Target
T103	517560.845	111734.895	19.985	Retro Target
T104	517560.845	111734.895	19.985	Retro Target
T105	517609.796	111774.564	16.775	Retro Target
T106	517609.796	111774.564	16.775	Retro Target
T107	517605.178	111734.145	16.150	Retro Target
T108	517471.526	111838.028	19.868	Retro Target
T109	517471.526	111838.028	19.868	Retro Target
T110	517568.537	111832.302	16.725	Retro Target
T111	517565.744	111821.614	16.776	Retro Target
T112	517565.744	111821.614	16.776	Retro Target
T113	517539.555	111825.578	17.050	Retro Target
T114	517527.030	111825.642	17.257	Retro Target
T115	517527.030	111825.642	17.257	Retro Target
T116	517502.411	111813.111	16.877	Retro Target
T117	517485.647	111797.025	16.581	Retro Target
T118	517485.647	111797.025	16.581	Retro Target
T119	517512.563	111804.819	17.408	Retro Target
T120	517512.563	111804.819	17.408	Retro Target
T121	517529.574	111749.962	17.483	Retro Target
T122	517529.574	111749.962	17.483	Retro Target
T123	517568.537	111832.302	16.725	Retro Target
T124	517569.109	111794.826	17.530	Retro Target
T125	517569.109	111794.826	17.530	Retro Target
T126	517584.312	111804.421	16.639	Retro Target
T127	517584.312	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL SURVEY DATA WAS COLLECTED USING A LEICA GNSS RECEIVER.
SITE CENTERED AROUND SVS01 NO TRANSFORMATION FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

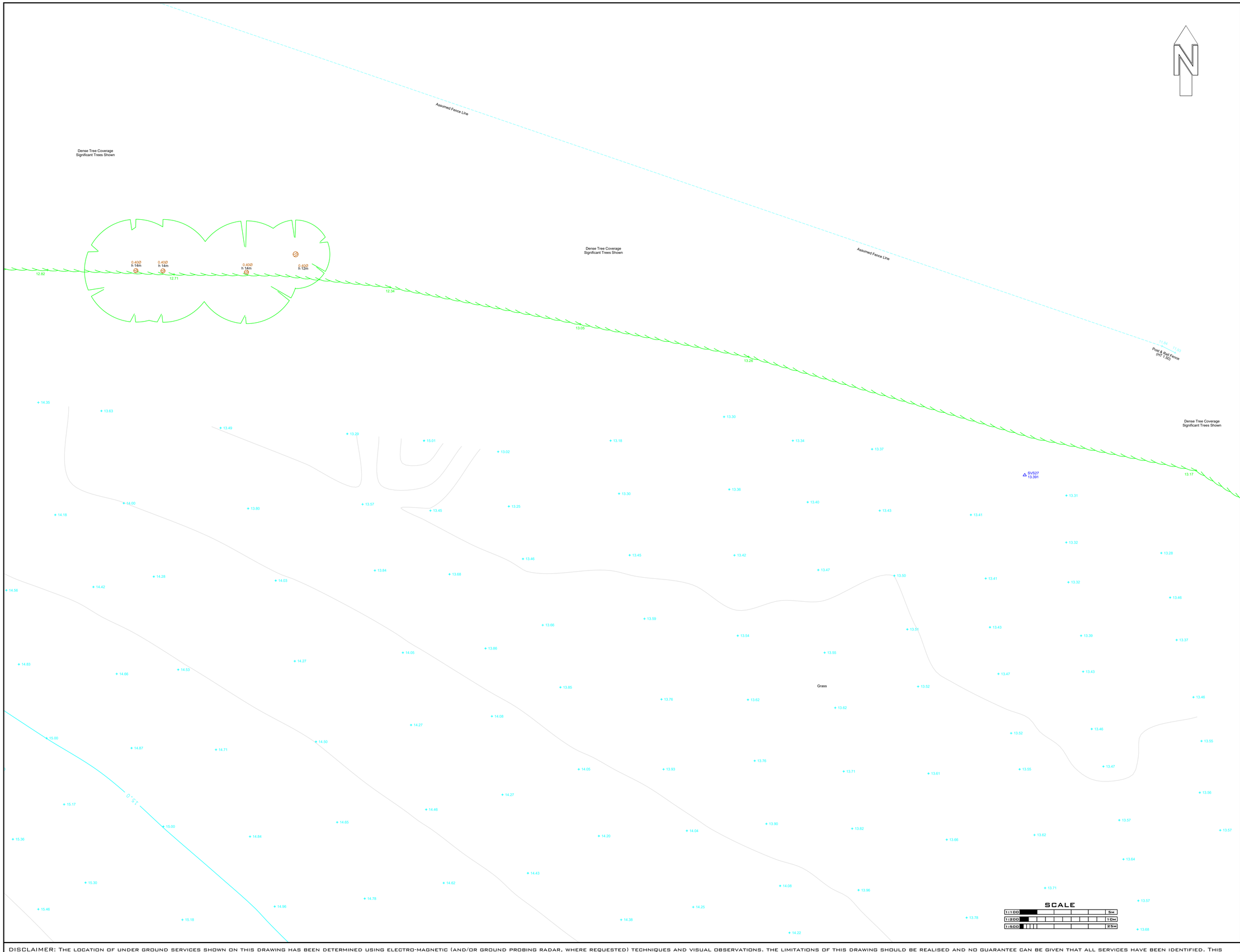
DRAWING TITLE:
3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	12 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



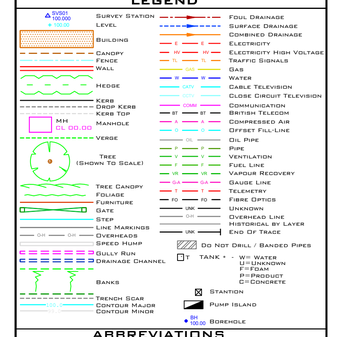
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THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND



ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WTC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV001	517478.899	111896.011	16.811	Road Nail
BV002	517423.598	111731.586	16.944	Road Nail
BV003	517420.932	111838.037	17.046	Road Nail
BV0100	517463.553	111753.307	16.844	Road Nail
01	517458.597	111753.307	20.210	Retro Target
02	517429.987	111788.338	19.149	Retro Target
03	517457.885	111788.771	19.882	Retro Target
BV09	517460.685	111783.771	17.992	Road Nail
BV001	517471.955	111881.753	16.886	Road Nail
BV002	517471.955	111881.753	16.886	Road Nail
BV003	517471.908	111707.556	15.481	Road Nail
BV004	517609.969	111721.888	14.536	Road Nail
BV005	517609.969	111721.888	14.536	Road Nail
BV012	517548.599	111715.390	15.052	Road Nail
BV013	517522.721	111723.939	15.670	Road Nail
BV014	517522.721	111723.939	15.670	Road Nail
BV015	517617.236	111845.294	15.864	Road Nail
BV016	517602.720	111826.054	16.486	Road Nail
BV017	517602.720	111826.054	16.486	Road Nail
BV018	517548.601	111853.978	16.883	Road Nail
BV019	517548.601	111853.978	16.883	Road Nail
BV020	517583.995	111871.963	16.939	Road Nail
BV021	517507.792	111835.395	17.082	Road Nail
BV022	517479.900	111896.011	16.811	Road Nail
BV023	517479.900	111896.011	16.811	Road Nail
BV024	517450.647	111969.588	16.689	Road Nail
BV025	517450.647	111969.588	16.689	Road Nail
BV026	517420.957	112027.132	14.050	Road Nail
BV027	517420.957	112027.132	14.050	Road Nail
BV028	517566.286	112243.694	13.991	Road Nail
BV029	517566.286	112243.694	13.991	Road Nail
BV0103	517542.252	111855.518	17.024	Road Nail
BV100	517542.020	111754.662	17.915	Retro Target
BV101	517543.738	111754.635	16.955	Retro Target
BV102	517543.738	111754.635	16.955	Retro Target
BV103	517573.738	111688.885	16.367	Retro Target
BV104	517573.738	111688.885	16.367	Retro Target
BV105	517609.796	111774.544	14.775	Retro Target
BV106	517621.830	111795.831	16.916	Retro Target
BV107	517621.830	111795.831	16.916	Retro Target
BV108	517471.552	111818.028	19.600	Retro Target
BV109	517445.538	111890.186	19.097	Retro Target
BV110	517445.538	111890.186	19.097	Retro Target
BV111	517506.744	111823.416	16.774	Retro Target
BV112	517545.080	111831.639	16.946	Retro Target
BV113	517545.080	111831.639	16.946	Retro Target
BV114	517527.330	111825.642	17.257	Retro Target
BV115	517506.485	111819.601	17.063	Retro Target
BV116	517506.485	111819.601	17.063	Retro Target
BV117	517485.647	111797.035	16.981	Retro Target
BV118	517499.826	111823.929	16.206	Retro Target
BV119	517499.826	111823.929	16.206	Retro Target
BV120	517509.837	111760.700	17.483	Retro Target
BV121	517528.374	111748.962	17.453	Retro Target
BV122	517528.374	111748.962	17.453	Retro Target
BV123	517550.094	111740.336	17.609	Retro Target
BV124	517556.109	111774.626	17.732	Retro Target
BV125	517556.109	111774.626	17.732	Retro Target
BV126	517545.127	111804.421	16.648	Retro Target
BV127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100 5M
1:200 10M
1:500 25M

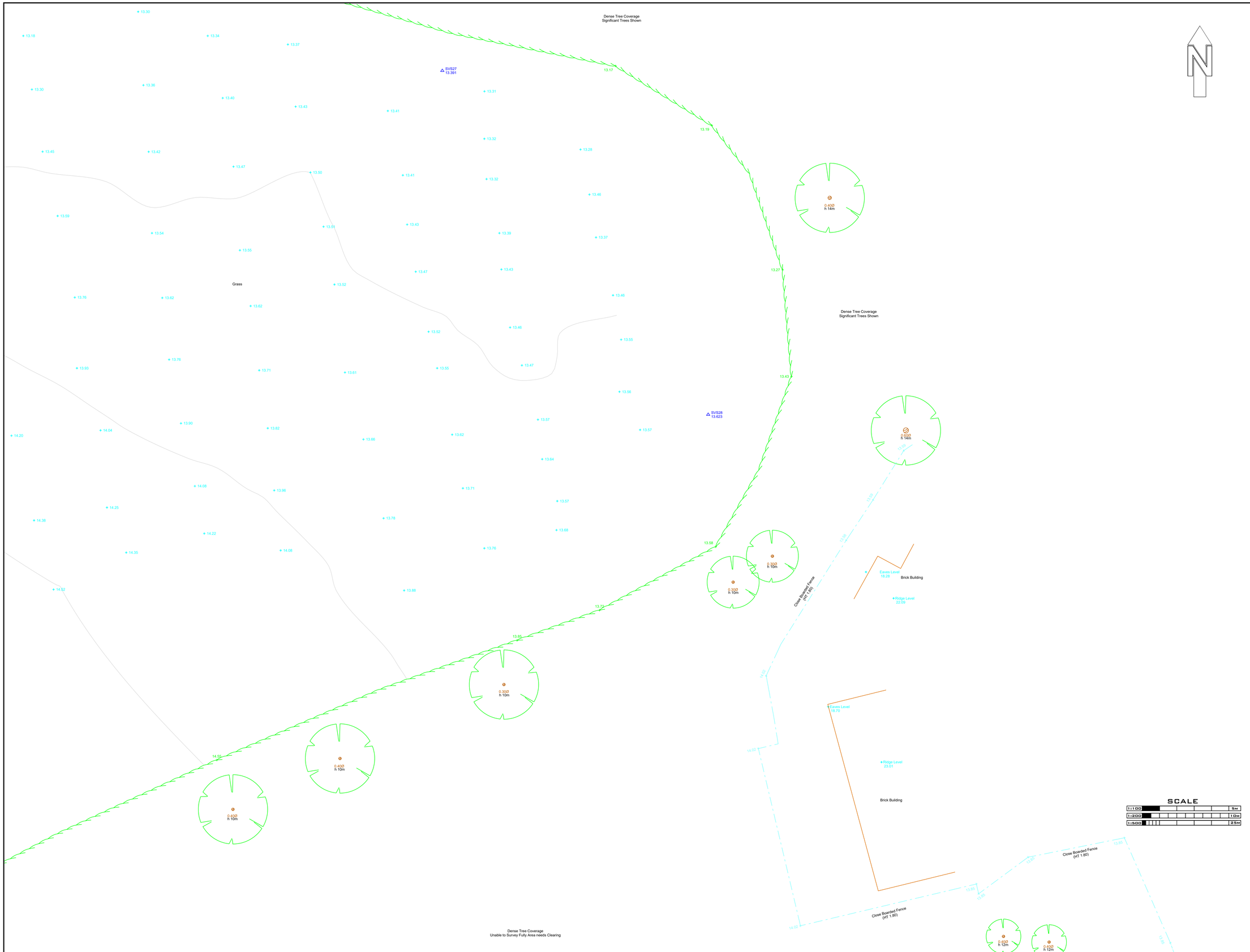
CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023
SCALE: 1:200 @A1
SHEET NO: 13 OF 18
REV:



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree
(Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
TANK * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK-AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS100	517529.564	111754.740	17.414	Road Nail
SVS101	517463.099	111731.596	16.544	Road Nail
SVS102	517417.722	111713.736	16.048	Road Nail
SVS103	517428.222	111693.917	17.533	Road Nail
51	517404.757	111701.907	20.108	Retro Target
52	517455.565	111763.115	19.047	Retro Target
53	517455.568	111763.115	19.047	Retro Target
1000	517465.885	111787.711	17.882	Retro Target
SVS20	517478.899	111896.011	16.811	Road Nail
SVS21	517519.562	111838.648	16.748	Road Nail
SVS04	517609.969	111721.884	14.576	Road Nail
SVS05	517662.588	111719.332	14.350	Road Nail
SVS10	517668.549	111772.553	14.870	Road Nail
SVS11	517701.725	111773.939	15.170	Road Nail
SVS12	517719.840	111818.648	14.966	Road Nail
SVS13	517747.136	111868.294	13.844	Road Nail
SVS14	517801.733	111905.094	14.066	Road Nail
SVS15	517844.222	111944.054	14.264	Road Nail
SVS16	517848.202	111953.578	15.583	Road Nail
SVS17	517549.969	111851.962	14.969	Road Nail
SVS18	517547.542	111847.355	15.023	Road Nail
SVS19	517507.992	111811.355	15.523	Road Nail
SVS20	517554.715	111907.010	16.048	Road Nail
SVS21	517478.899	111896.011	16.811	Road Nail
SVS22	517432.427	111889.588	17.693	Road Nail
SVS23	517346.043	112287.173	19.703	Road Nail
SVS24	517346.043	112287.173	19.703	Road Nail
SVS25	517322.150	112211.668	17.826	Road Nail
SVS26	517413.301	112241.684	13.981	Road Nail
SVS27	517463.099	112254.740	13.391	Road Nail
SVS28	517429.222	112284.917	13.623	Road Nail
SVS103	517428.222	111893.916	17.524	Road Nail
100	517478.899	111896.011	16.811	Retro Target
101	517517.438	111721.777	14.492	Retro Target
102	517565.845	111724.895	13.985	Retro Target
103	517611.731	111727.899	14.351	Retro Target
104	517658.217	111730.868	14.851	Retro Target
105	517609.796	111774.564	14.775	Retro Target
106	517563.711	111771.541	14.500	Retro Target
107	517517.438	111724.145	14.492	Retro Target
108	517471.852	111818.128	15.668	Retro Target
109	517517.438	111818.128	15.668	Retro Target
110	517568.537	111820.900	16.515	Retro Target
111	517565.586	111821.454	16.546	Retro Target
112	517519.562	111838.648	16.748	Retro Target
113	517559.033	111838.128	17.001	Retro Target
114	517508.695	111819.401	17.453	Retro Target
115	517508.695	111819.401	17.453	Retro Target
116	517499.826	111815.929	18.206	Retro Target
117	517499.826	111815.929	18.206	Retro Target
118	517512.567	111808.653	17.428	Retro Target
119	517528.374	111798.982	17.453	Retro Target
120	517528.374	111798.982	17.453	Retro Target
121	517554.034	111740.334	17.603	Retro Target
122	517554.129	111774.626	17.732	Retro Target
123	517554.129	111774.626	17.732	Retro Target
124	517568.123	111802.572	16.594	Retro Target
125	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL COORDINATES ARE IN METRES RELATED TO OSGB36 DATUM USING GNSS RECEIVER
SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

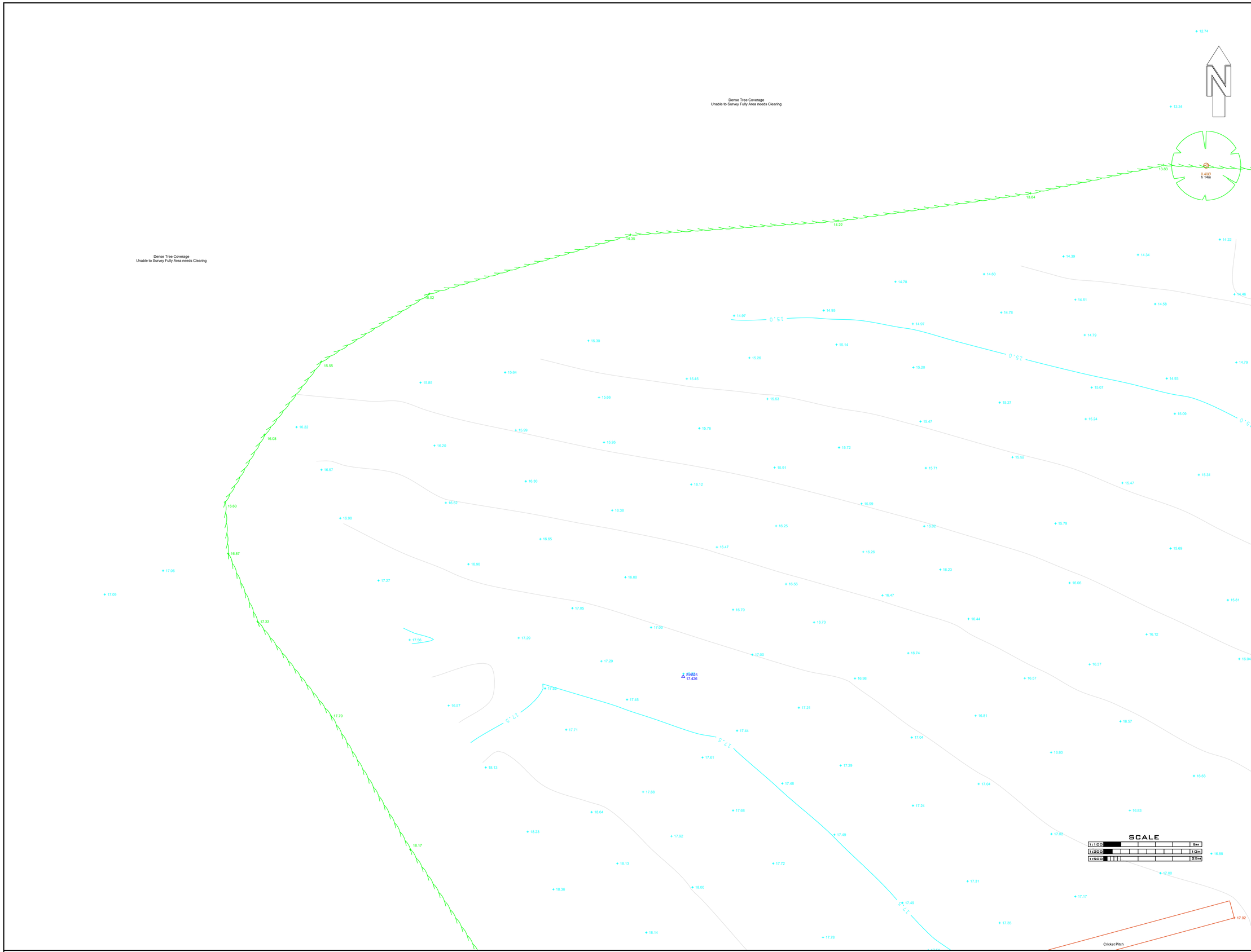
DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	14 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historgical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVB01	517478.939	11196.011	16.611	Road Nail
SVB100	517429.054	11194.746	17.416	Road Nail
SVB101	517428.732	11194.746	17.416	Road Nail
SVB102	517430.532	11208.135	17.566	Road Nail
SVB103	517429.211	11195.917	17.535	Road Nail
T1	517429.987	11196.398	19.149	Retro Target
T2	517429.987	11196.398	19.149	Retro Target
T3	517405.065	11178.321	19.047	Retro Target
SVB01	517478.939	11196.011	16.611	Road Nail
SVB02	517517.822	11176.848	14.856	Road Nail
SVB03	517579.906	11176.848	15.481	Road Nail
SVB04	517606.849	11172.988	14.980	Road Nail
SVB05	517606.849	11172.988	14.980	Road Nail
SVB06	517606.849	11172.988	14.980	Road Nail
SVB10	517568.969	11175.380	15.782	Road Nail
SVB11	517568.969	11175.380	15.782	Road Nail
SVB12	517568.142	11183.245	15.941	Road Nail
SVB13	517617.236	11183.294	15.866	Road Nail
SVB14	517617.236	11183.294	15.866	Road Nail
SVB15	517582.582	11185.934	15.508	Road Nail
SVB16	517544.205	11187.376	15.583	Road Nail
SVB17	517544.205	11187.376	15.583	Road Nail
SVB18	517547.575	11191.555	15.533	Road Nail
SVB19	517507.992	11191.365	15.533	Road Nail
SVB20	517478.502	11196.011	16.611	Road Nail
SVB21	517478.502	11196.011	16.611	Road Nail
SVB22	517451.607	11199.588	17.689	Road Nail
SVB23	517451.607	11199.588	17.689	Road Nail
SVB24	517420.657	11201.132	14.602	Road Nail
SVB25	517302.065	11211.482	17.426	Road Nail
SVB26	517302.065	11211.482	17.426	Road Nail
SVB27	517566.246	11243.594	13.371	Road Nail
SVB28	517566.943	11244.208	13.823	Road Nail
SVB29	517566.943	11244.208	13.823	Road Nail
V100	517542.020	11174.562	17.315	Retro Target
V101	517571.936	11171.777	16.492	Retro Target
V102	517572.738	11188.440	16.067	Retro Target
V103	517572.738	11188.440	16.067	Retro Target
V104	517593.031	11170.963	17.451	Retro Target
V105	517593.031	11170.963	17.451	Retro Target
V106	517621.830	11173.933	16.910	Retro Target
V107	517665.176	11174.185	16.190	Retro Target
V108	517665.176	11174.185	16.190	Retro Target
V109	517645.538	11190.188	16.037	Retro Target
V110	517568.537	11182.302	16.703	Retro Target
V111	517568.537	11182.302	16.703	Retro Target
V112	517539.380	11183.638	16.966	Retro Target
V113	517539.055	11183.638	16.966	Retro Target
V114	517539.055	11183.638	16.966	Retro Target
V115	517509.489	11185.974	17.253	Retro Target
V116	517509.489	11185.974	17.253	Retro Target
V117	517485.611	11187.331	16.481	Retro Target
V118	517485.611	11187.331	16.481	Retro Target
V119	517524.553	11194.700	15.498	Retro Target
V120	517524.553	11194.700	15.498	Retro Target
V121	517505.138	11196.338	17.833	Retro Target
V122	517505.138	11196.338	17.833	Retro Target
V123	517505.094	11740.554	17.609	Retro Target
V124	517505.094	11740.554	17.609	Retro Target
V125	517581.123	11805.957	16.748	Retro Target
V126	517581.123	11805.957	16.748	Retro Target
V127	517594.512	11804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

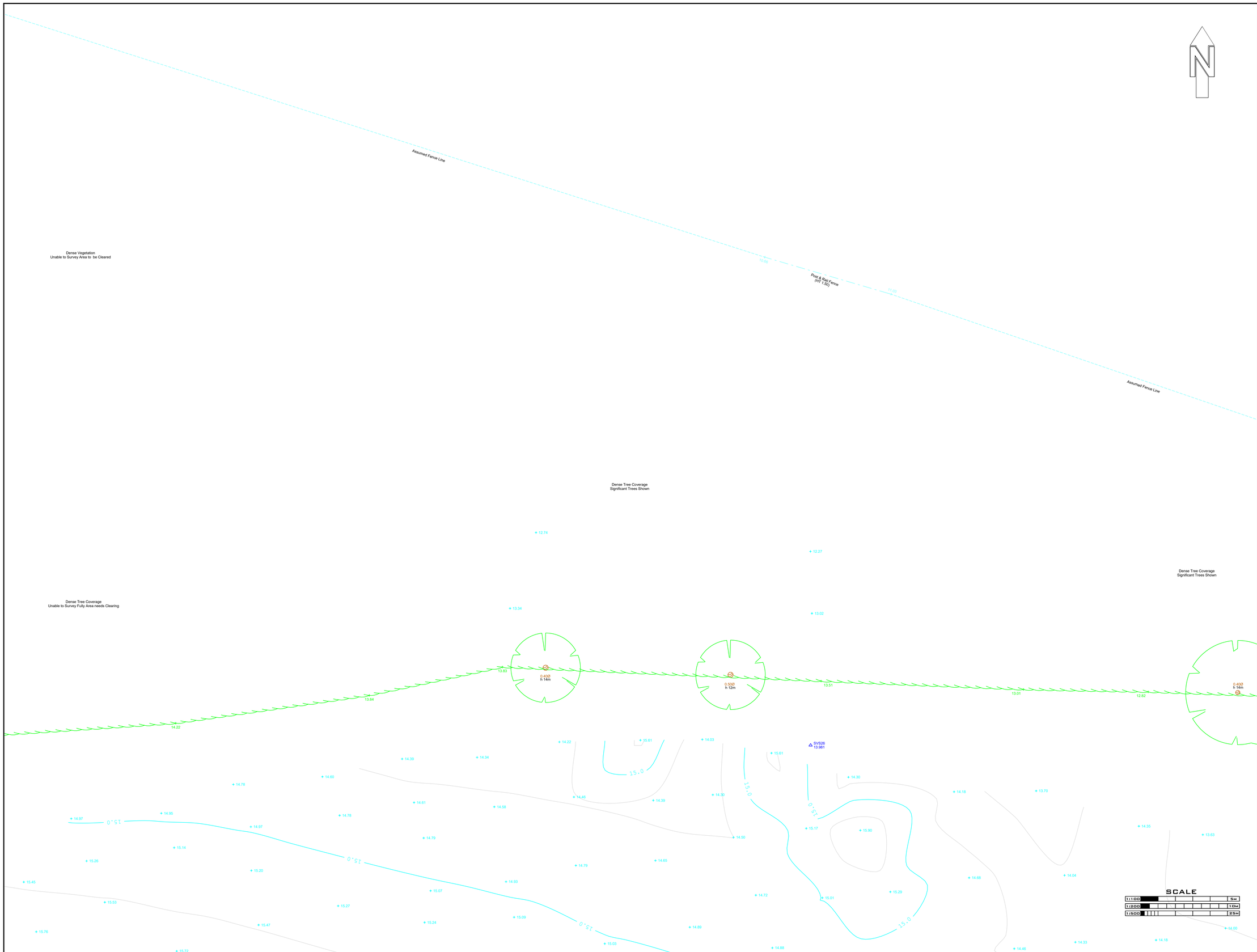
DRAWING TITLE: 3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	15 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

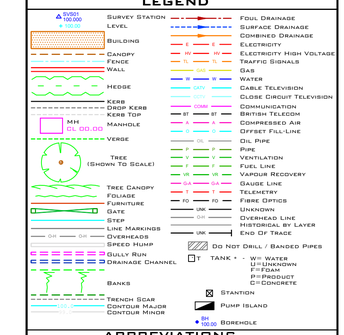


THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND



ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV021	517478.899	111896.011	16.811	Road Nail
SV020	517429.264	111756.740	17.414	Road Nail
SV021	517463.099	111731.096	16.944	Road Nail
SV022	517478.222	111701.907	16.533	Road Nail
SV023	517478.222	111893.57	17.533	Road Nail
51	517496.757	111701.907	20.108	Retro Target
52	517485.965	111763.115	19.947	Retro Target
53	517485.965	111763.115	19.947	Retro Target
1028	517485.885	111783.711	1.882	Retro Target
SV001	517478.899	111896.011	16.811	Road Nail
SV002	517519.960	111878.648	14.738	Road Nail
SV003	517569.969	111871.884	14.576	Road Nail
SV004	517609.969	111921.884	14.576	Road Nail
SV005	517660.588	111919.932	14.88	Road Nail
SV006	517660.588	111919.932	14.88	Road Nail
SV011	517502.725	111723.939	15.570	Road Nail
SV012	517547.725	111723.939	15.570	Road Nail
SV013	517617.136	111868.294	13.844	Road Nail
SV014	517601.535	111805.094	14.066	Road Nail
SV015	517584.222	111853.578	15.583	Road Nail
SV016	517584.222	111853.578	15.583	Road Nail
SV017	517545.969	111851.961	14.969	Road Nail
SV018	517507.969	111851.961	15.533	Road Nail
SV019	517507.969	111851.955	15.533	Road Nail
SV020	517554.515	111907.010	16.048	Road Nail
SV021	517554.515	111907.010	16.048	Road Nail
SV022	517542.407	111988.588	17.683	Road Nail
SV023	517344.043	112287.173	19.703	Road Nail
SV024	517344.043	112287.173	19.703	Road Nail
SV025	517322.530	112241.688	19.401	Road Nail
SV026	517413.301	112241.688	13.981	Road Nail
SV027	517413.301	112241.688	13.981	Road Nail
SV028	517426.210	112204.943	15.523	Road Nail
SV0103	517426.210	111895.916	17.524	Road Nail
P100	517565.845	111724.895	15.965	Retro Target
P101	517577.438	111722.777	16.450	Retro Target
P102	517565.845	111724.895	15.965	Retro Target
P103	517577.438	111722.777	16.450	Retro Target
P104	517589.73	111730.963	16.851	Retro Target
P105	517609.796	111774.064	16.775	Retro Target
P106	517609.796	111774.064	16.775	Retro Target
P107	517645.178	111734.165	16.132	Retro Target
P108	517671.852	111818.128	15.668	Retro Target
P109	517671.852	111818.128	15.668	Retro Target
P110	517588.537	111832.902	16.715	Retro Target
P111	517585.586	111821.454	16.746	Retro Target
P112	517559.233	111821.454	17.555	Retro Target
P113	517559.233	111821.454	17.555	Retro Target
P114	517508.695	111819.401	18.693	Retro Target
P115	517508.695	111819.401	18.693	Retro Target
P116	517499.826	111823.929	18.441	Retro Target
P117	517499.826	111823.929	18.206	Retro Target
P118	517502.567	111806.653	17.828	Retro Target
P119	517502.567	111806.653	17.828	Retro Target
P120	517528.374	111748.982	17.653	Retro Target
P121	517528.374	111748.982	17.653	Retro Target
P122	517554.034	111746.334	17.603	Retro Target
P123	517554.034	111746.334	17.603	Retro Target
P124	517554.129	111774.626	17.732	Retro Target
P125	517554.129	111774.626	17.732	Retro Target
P126	517554.123	111804.572	16.744	Retro Target
P127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL COORDINATES ARE IN METRES RELATED TO OSGB36 DATUM USING GNSS RECEIVER SITE CENTERED AROUND SV001. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

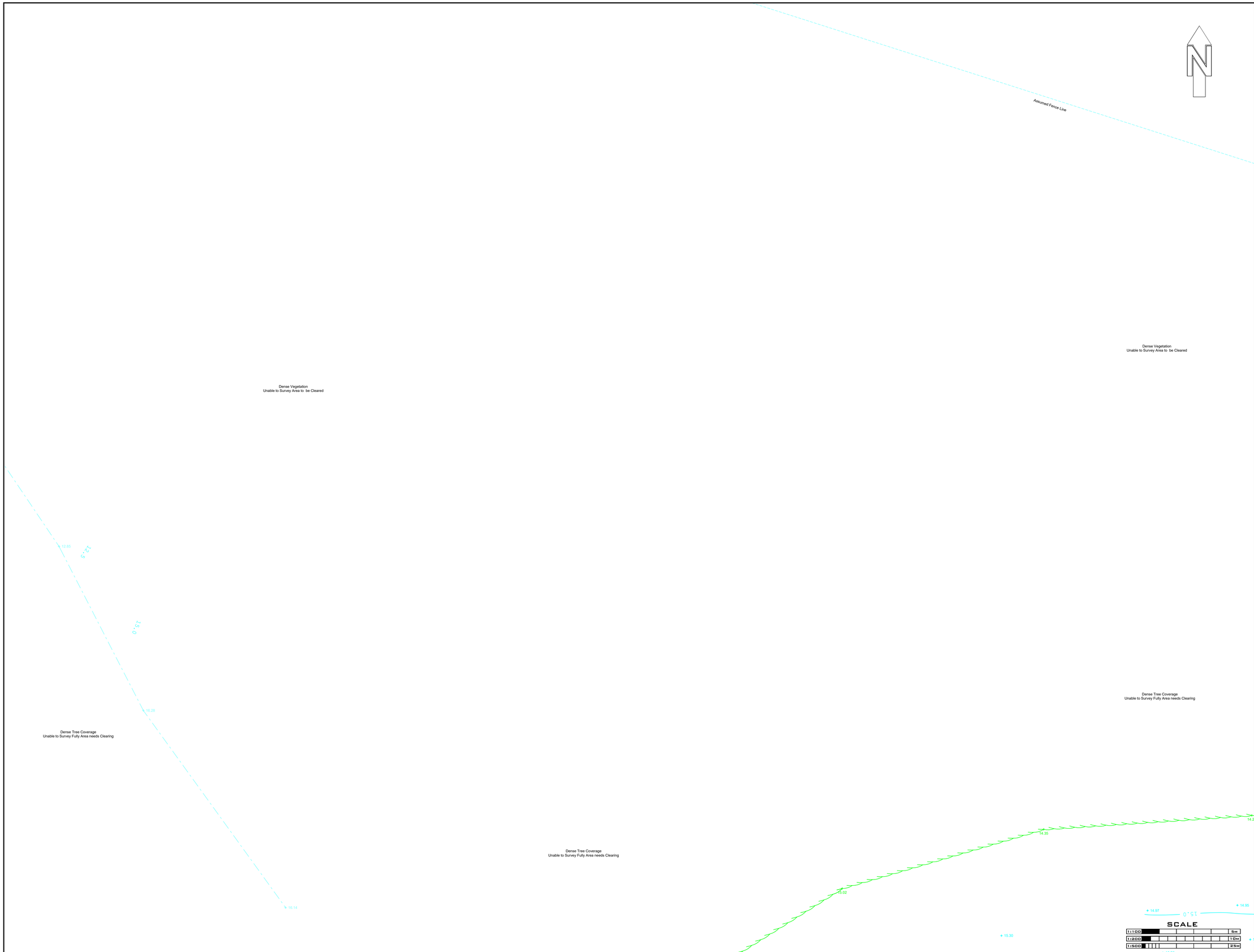
DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	16 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL/PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historgical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPB	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS120	517429.264	111754.740	17.414	Road Nail
SVS121	517463.099	111731.096	16.944	Road Nail
SVS122	517478.222	111715.736	16.648	Road Nail
SVS123	517478.222	111895.917	17.533	Road Nail
51	517406.757	111701.907	20.108	Retro Target
52	517455.948	111763.115	19.047	Retro Target
53	517455.948	111763.115	19.047	Retro Target
1000	517465.885	111783.711	17.882	Retro Target
SVS01	517478.899	111896.011	16.811	Road Nail
SVS02	517519.966	111878.668	14.736	Road Nail
SVS03	517609.969	111721.884	14.576	Road Nail
SVS04	517609.969	111721.884	14.576	Road Nail
SVS05	517602.588	111715.932	14.88	Road Nail
SVS06	517602.588	111715.932	14.88	Road Nail
SVS11	517561.721	111743.939	15.570	Road Nail
SVS12	517561.721	111743.939	15.570	Road Nail
SVS13	517577.236	111868.244	13.844	Road Nail
SVS14	517601.133	111804.094	14.066	Road Nail
SVS15	517601.133	111804.094	14.066	Road Nail
SVS16	517548.201	111853.578	15.583	Road Nail
SVS17	517545.969	111851.962	14.969	Road Nail
SVS18	517507.592	111815.355	15.533	Road Nail
SVS19	517507.592	111815.355	15.533	Road Nail
SVS20	517554.715	111907.010	16.048	Road Nail
SVS21	517554.715	111907.010	16.048	Road Nail
SVS22	517542.407	111888.588	17.683	Road Nail
SVS23	517544.043	112287.173	19.703	Road Nail
SVS24	517544.043	112287.173	19.703	Road Nail
SVS25	517503.130	112241.688	13.401	Road Nail
SVS26	517413.301	112241.688	13.981	Road Nail
SVS27	517413.301	112241.688	13.981	Road Nail
SVS28	517426.943	112204.333	13.523	Road Nail
SVS103	517426.210	111893.916	17.524	Road Nail
100	517426.210	111893.916	17.524	Road Nail
101	517571.438	111721.777	16.492	Retro Target
102	517565.845	111734.895	15.965	Retro Target
103	517565.845	111734.895	15.965	Retro Target
104	517558.217	111750.963	15.851	Retro Target
105	517609.796	111774.564	16.775	Retro Target
106	517609.796	111774.564	16.775	Retro Target
107	517645.178	111734.145	16.192	Retro Target
108	517471.852	111838.028	15.668	Retro Target
109	517471.852	111838.028	15.668	Retro Target
110	517568.537	111832.302	16.715	Retro Target
111	517565.586	111821.454	16.746	Retro Target
112	517565.586	111821.454	16.746	Retro Target
113	517537.233	111806.858	17.055	Retro Target
114	517537.233	111806.858	17.055	Retro Target
115	517508.695	111819.401	17.693	Retro Target
116	517508.695	111819.401	17.693	Retro Target
117	517498.441	111823.015	18.431	Retro Target
118	517499.926	111823.929	18.206	Retro Target
119	517512.567	111808.653	17.458	Retro Target
120	517512.567	111808.653	17.458	Retro Target
121	517528.374	111748.982	17.653	Retro Target
122	517528.374	111748.982	17.653	Retro Target
123	517556.034	111746.334	17.603	Retro Target
124	517554.129	111774.626	17.732	Retro Target
125	517554.129	111774.626	17.732	Retro Target
126	517554.123	111804.572	16.764	Retro Target
127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL COORDINATES ARE IN METRES RELATED TO OSGB36 USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

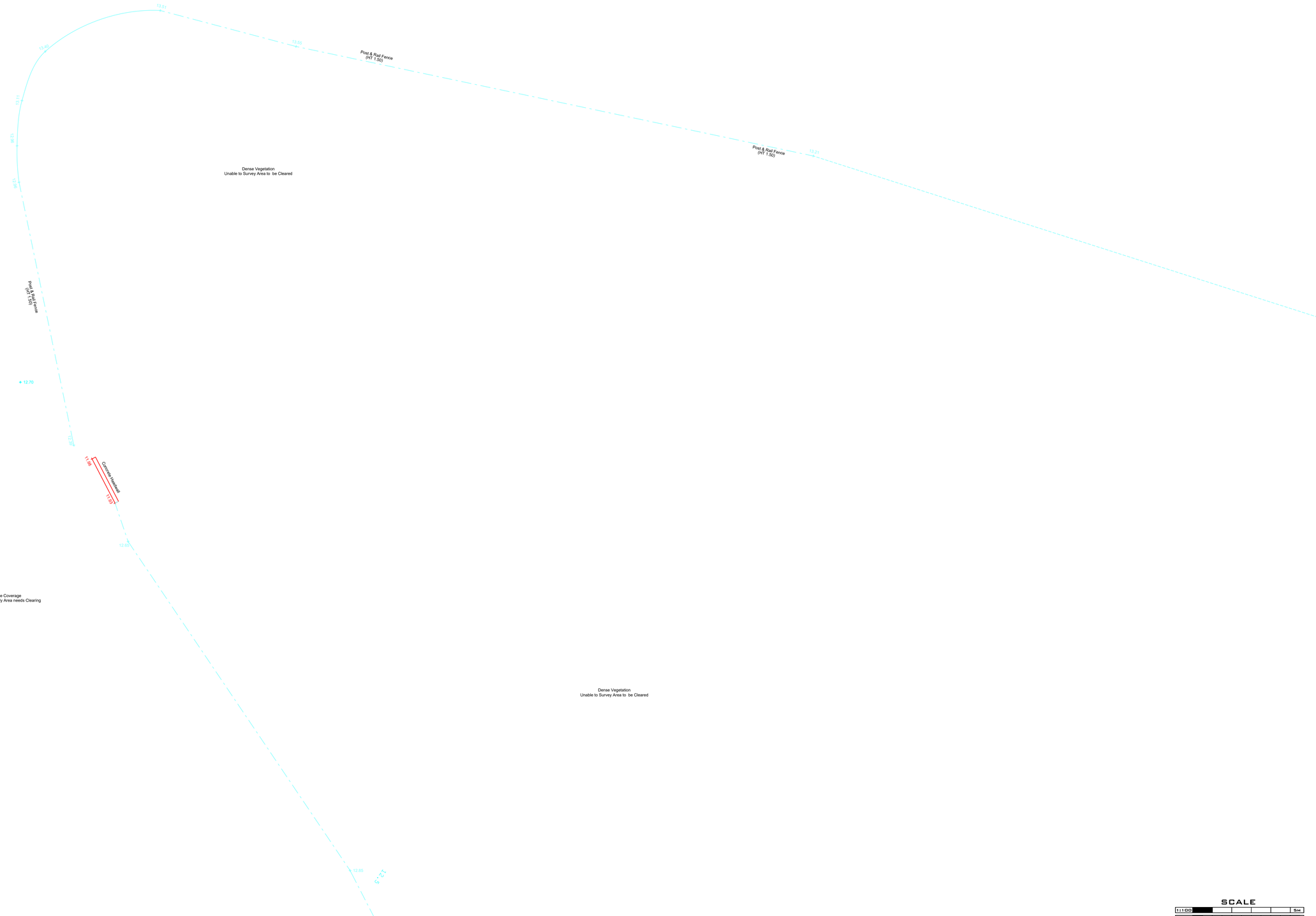
SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
3D TOPOGRAPHICAL DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO: 1222-ARC-15641
SURVEY DATE: 03-01-2023
SCALE: 1:200 @A1
SHEET NO: 17 OF 18
REV:

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historgical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV021	517478.899	111896.011	16.811	Road Nail
SV0120	517429.264	111754.740	17.414	Road Nail
SV0121	517463.099	111731.096	16.944	Road Nail
SV0122	517478.222	111715.736	16.648	Road Nail
SV0103	517478.222	111893.57	17.533	Road Nail
51	517406.757	111701.907	20.108	Retro Target
52	517455.948	111763.115	19.047	Retro Target
53	517455.948	111763.115	19.047	Retro Target
1000	517465.885	111783.711	19.882	Retro Target
SV0101	517478.222	111893.57	17.533	Road Nail
SV0102	517519.840	111878.648	14.736	Road Nail
SV0103	517519.840	111878.648	14.736	Road Nail
SV0104	517609.969	111721.884	14.576	Road Nail
SV020	517609.969	111721.884	14.576	Road Nail
SV0200	517642.588	111719.332	14.88	Road Nail
SV0110	517642.588	111719.332	14.88	Road Nail
SV011	517501.721	111723.939	15.670	Road Nail
SV012	517501.721	111723.939	15.670	Road Nail
SV013	517479.236	111868.244	13.844	Road Nail
SV014	517501.733	111804.094	14.066	Road Nail
SV015	517501.733	111804.094	14.066	Road Nail
SV016	517548.202	111853.978	14.583	Road Nail
SV017	517548.969	111851.962	14.969	Road Nail
SV018	517554.515	111907.011	15.233	Road Nail
SV019	517554.515	111907.011	15.233	Road Nail
SV020	517554.515	111907.011	16.048	Road Nail
SV021	517478.899	111896.011	16.811	Road Nail
SV022	517452.407	111989.588	17.683	Road Nail
SV023	517344.043	112087.173	19.703	Road Nail
SV024	517344.043	112087.173	19.703	Road Nail
SV025	517202.140	112241.689	21.401	Road Nail
SV026	517413.301	112241.689	13.981	Road Nail
SV027	517413.301	112241.689	13.981	Road Nail
SV028	517358.043	112284.543	13.623	Road Nail
SV0103	517426.210	111893.916	17.524	Road Nail
100	517426.210	111893.916	17.524	Retro Target
101	517571.938	111721.777	16.492	Retro Target
102	517565.845	111734.895	15.965	Retro Target
103	517565.845	111734.895	15.965	Retro Target
104	517559.272	111750.963	15.851	Retro Target
105	517609.796	111774.564	16.775	Retro Target
106	517609.796	111774.564	16.775	Retro Target
107	517645.178	111734.145	16.192	Retro Target
108	517471.852	111818.128	15.668	Retro Target
109	517471.852	111818.128	15.668	Retro Target
110	517568.537	111832.302	16.715	Retro Target
111	517555.586	111821.454	16.546	Retro Target
112	517555.586	111821.454	16.546	Retro Target
113	517537.233	111806.519	17.057	Retro Target
114	517537.233	111806.519	17.057	Retro Target
115	517508.695	111819.401	17.693	Retro Target
116	517508.695	111819.401	17.693	Retro Target
117	517484.441	111823.015	18.431	Retro Target
118	517499.926	111823.929	18.206	Retro Target
119	517512.567	111808.653	17.458	Retro Target
120	517512.567	111808.653	17.458	Retro Target
121	517528.374	111748.982	17.653	Retro Target
122	517528.374	111748.982	17.653	Retro Target
123	517559.034	111740.334	17.603	Retro Target
124	517554.129	111774.626	17.732	Retro Target
125	517554.129	111774.626	17.732	Retro Target
126	517554.123	111804.572	16.544	Retro Target
127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL COORDINATES ARE IN METRES RELATED TO OSGB36 DATUM USING GNSS RECEIVER
SITE CENTERED AROUND SV0501. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
3D Topographical Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	18 OF 18	

Appendix B - Southern Water Asset Plans



(c) Crown copyright and database rights 2025 Ordnance Survey AC0000808122 | Scale: 1:1250 | Date: 25/06/25 | Wastewater Plan A2

Data updated: 20/05/25 | Map Centre: 517562,111870 | Our Ref: 1807778 - 1 | Powered by digdat

Foul Gravity Sewer
Combined Gravity Sewer
Culverted Water Course or Treated Effluent
Surface Water Gravity Sewer
Rising Main, Vacuum or Syphon
Combined Outfall
Surface Water Outfall
Foul Outfall
Surface Water Inlet
Combined Pumping Station
Surface Water Pumping Station
Foul Pumping Station
Water Treatment Works
Section 104 Area
Building Over Agreement Area
Foul Manhole
Combined Manhole
Surface Water Manhole
Side Entry Manhole, Demarcation Chamber, Dummy Manhole or Surface Water Soakaway

samuel.pilling@ctp-llp.com

B1641-SteyningSchool

WATER for LIFE

from Southern Water

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2025 Ordnance Survey AC0000808122 .This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

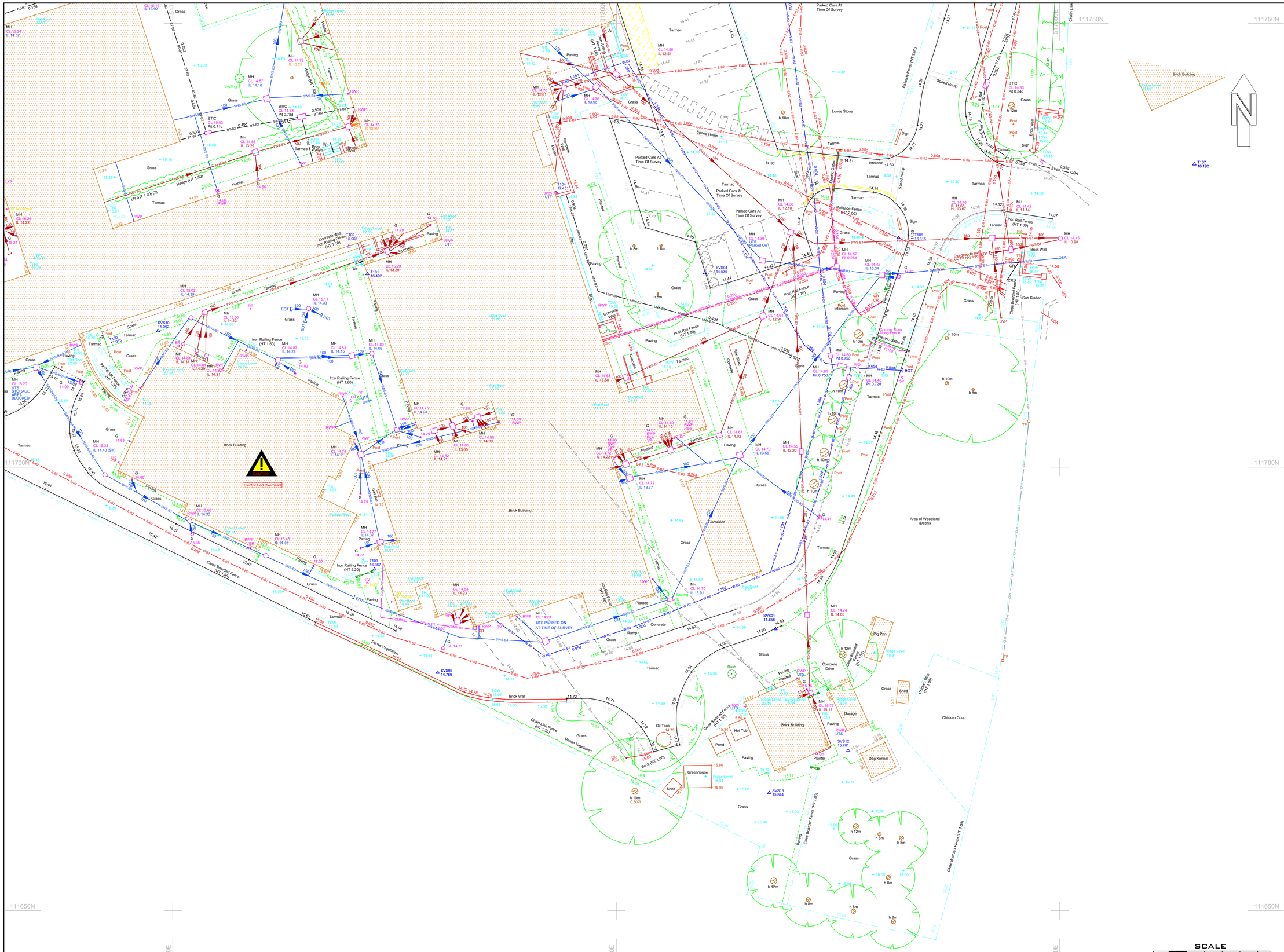
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
3601	F	15.51	13.88	
3602	F	14.16	12.85	
3701	F	17.62	15.32	
4601	F	16.14	14.99	
4602	F	0.00	0.00	
4603	F	0.00	0.00	
4604	F	0.00	0.00	
4801	F	17.86	16.08	
4901	F	18.14	16.88	
4902	F	18.50	17.15	
5601	F	16.00	14.30	
6502	F	14.73	13.65	
6701	F	14.30	10.93	
6702	F	0.00	0.00	
6703	F	0.00	0.00	
6704	F	0.00	0.00	
6705	F	0.00	0.00	
7001	F	12.18	10.21	
7002	F	12.23	10.75	
7101	F	12.41	10.47	
7102	F	12.26	10.14	
7601	F	12.33	8.85	
7602	F	0.00	0.00	
7603	F	0.00	0.00	
7701	F	12.60	9.07	
7702	F	12.66	9.03	
7802	F	12.17	9.15	
8601	F	11.22	8.74	
4551	S	15.79	12.07	
6751	S	13.62	11.90	
6752	S	14.30	12.65	
6851	S	12.17	9.89	
6852	S	11.99	9.63	
7057	S	0.00	0.00	
7651	S	12.30	9.15	
7751	S	12.75	9.36	
7752	S	12.62	9.34	
7851	S	12.36	9.44	
7951	S	12.96	10.69	
7952	S	12.44	10.18	
8651	S	11.28	9.05	

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert

Appendix C – Underground Utilities Survey



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	STOP LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WF	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

SEVERAL BUILDINGS ARE FED OVERHEAD.
GAS UNABLE TO LOCATE IN CERTAIN LOCATIONS ON THE PREMISES.
SURFACE DRAINS DO NOT FLOW CORRECTLY IN THE CATCH PITS TOWARDS THE COACH PICK UP AREA
DUE TO BEING BLOCKED.
A FEW MANHOLES WHERE UNABLE TO BE LIFTED DUE TO BEING PARKED ON AT THE TIME OF SURVEY OR TO BEING BOLTED DOWN.
SOME OF THE DRAINAGE IS INDONCLUSIVE ALTHOUGH DRAINS HAVE BEEN RODDED. CCTV REQUIRED.
THE ELECTRIC SUPPLY FOR THE TWO PORTACABINS NEAR THE PHYSICAL EDUCATION BLOCK WAS UNABLE TO BE LOCATED.

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS01	517478.699	111896.011	16.811	Road Nail
SVS02	517478.699	111896.011	16.811	Road Nail
SVS03	517452.599	111831.586	15.944	Road Nail
SVS04	517430.032	111858.137	15.546	Road Nail
SVS10	517478.699	111896.011	16.811	Road Nail
T1	517439.587	111788.380	15.149	Retro Target
T2	517439.587	111788.338	15.149	Retro Target
SVS01	517478.699	111896.011	16.811	Road Nail
SVS01	517451.955	111881.153	14.656	Road Nail
SVS02	517478.699	111896.011	16.811	Road Nail
SVS03	517452.599	111831.586	15.944	Road Nail
SVS04	517609.969	111721.868	14.536	Road Nail
SVS10	517478.699	111896.011	16.811	Road Nail
SVS11	517548.581	111733.990	15.270	Road Nail
SVS12	517532.721	111723.339	15.781	Road Nail
SVS13	517532.721	111723.339	15.844	Road Nail
SVS14	517532.721	111723.339	15.844	Road Nail
SVS15	517602.733	111825.054	14.266	Road Nail
SVS16	517602.733	111825.054	14.266	Road Nail
SVS17	517594.099	111871.966	14.860	Road Nail
SVS18	517594.099	111871.966	14.860	Road Nail
SVS19	517602.733	111825.054	14.266	Road Nail
SVS20	517474.900	111896.011	16.811	Road Nail
SVS21	517474.900	111896.011	16.811	Road Nail
SVS22	517482.057	111837.132	14.260	Road Nail
SVS23	517532.721	111723.339	15.844	Road Nail
SVS24	517532.721	111723.339	15.844	Road Nail
SVS25	517532.721	111723.339	15.844	Road Nail
SVS26	517532.721	111723.339	15.844	Road Nail
SVS27	517544.268	111745.694	15.391	Road Nail
SVS28	517544.268	111745.694	15.391	Road Nail
SVS29	517544.268	111745.694	15.391	Road Nail
SVS30	517544.268	111745.694	15.391	Road Nail
SVS33	517542.020	111714.660	15.315	Retro Target
T101	517542.020	111714.660	15.315	Retro Target
T102	517543.845	111813.965	15.965	Retro Target
T103	517557.738	111688.480	16.367	Retro Target
T104	517557.738	111688.480	16.367	Retro Target
T105	517531.754	111775.831	16.316	Retro Target
T106	517531.830	111775.831	16.316	Retro Target
T107	517531.830	111775.831	16.316	Retro Target
T108	517543.845	111813.965	15.965	Retro Target
T109	517545.538	111890.188	14.097	Retro Target
T110	517545.538	111890.188	14.097	Retro Target
T111	517545.544	111852.816	14.774	Retro Target
T112	517545.560	111852.659	14.948	Retro Target
T113	517545.560	111852.659	14.948	Retro Target
T114	517504.481	111819.601	15.263	Retro Target
T115	517504.481	111819.601	15.263	Retro Target
T116	517489.826	111823.929	15.206	Retro Target
T117	517489.826	111823.929	15.206	Retro Target
T118	517489.826	111823.929	15.206	Retro Target
T119	517529.374	111789.992	15.453	Retro Target
T120	517529.374	111789.992	15.453	Retro Target
T121	517529.374	111789.992	15.453	Retro Target
T122	517534.107	111774.606	15.764	Retro Target
T123	517534.107	111774.606	15.764	Retro Target
T124	517534.107	111774.606	15.764	Retro Target
T125	517534.107	111774.606	15.764	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100 5M
1:200 10M
1:500 25M

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

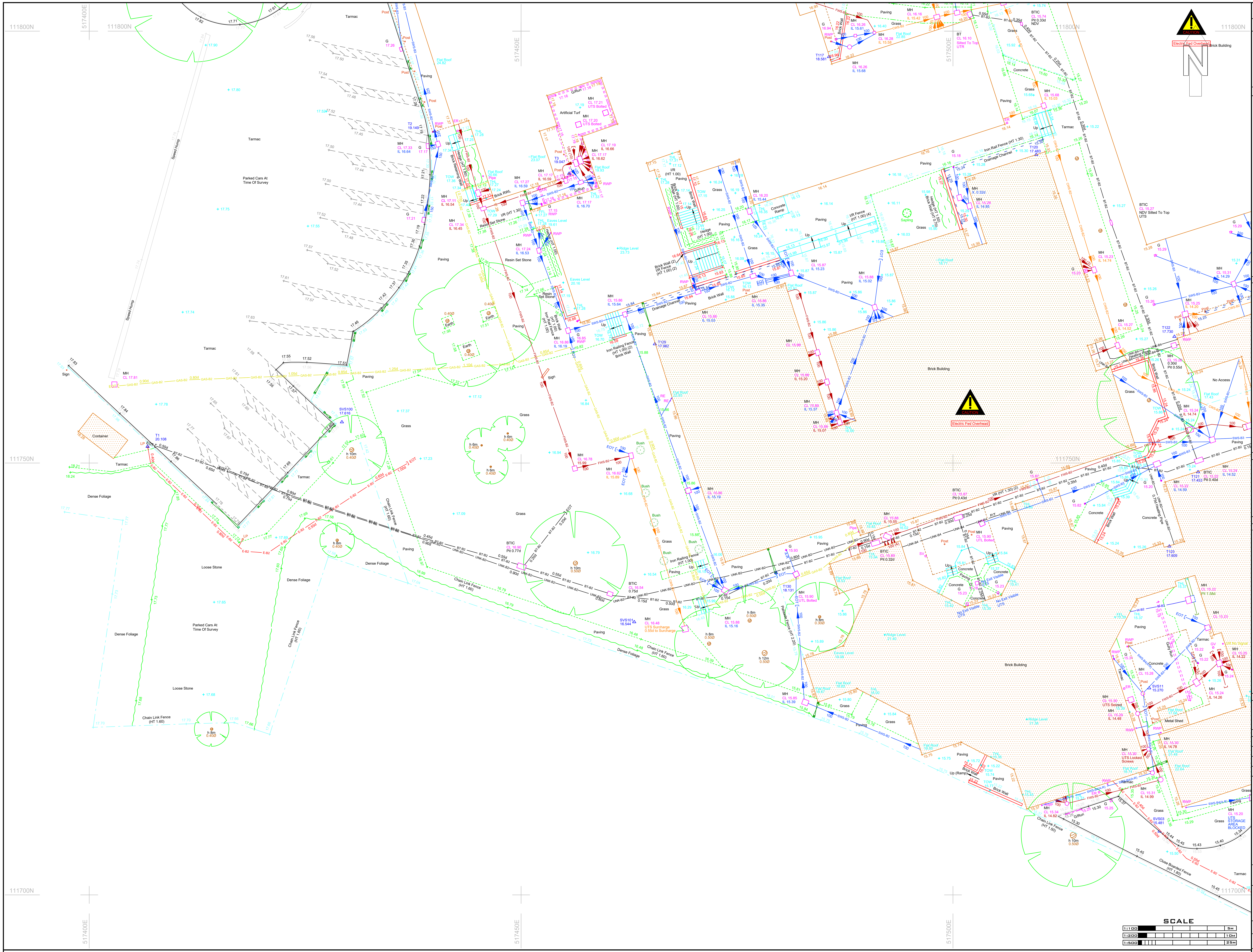
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

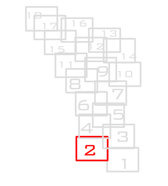
SCALE:	SHEET NO:	REV:
1:200 @A1	1 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



The name in SurVeyS

SHEET LAYOUT



LEGEND

- SVS01 100.000 — Survey Station
- + 100.00 — Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- MH CL 00.00 — Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- O-H — Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- 100.0 — Contour Major
- 99.0 — Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- E — Electricity
- HV — Electricity High Voltage
- TL — Traffic Signals
- GAS — Gas
- W — Water
- CATV — Cable Television
- CCTV — Close Circuit Television
- COMM — Communication
- BT — British Telecom
- A — Compressed Air
- O — Offset Fill-Line
- OIL — Oil Pipe
- P — Pipe
- V — Ventilation
- F — Fuel Line
- VR — Vapour Recovery
- G-A — Gauge Line
- T — Telemetry
- FO — Fibre Optics
- UNK — Unknown
- O-H — Overhead Line
- Historical By Layer
- UNK — End Of Trace
- ▨ Do Not Drill / Banded Pipes
- T Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- ☒ Stantion
- Pump Island
- BH 100.00 — Borehole

ABBREVIATIONS

A/C	Air Conditioner	OH	Overhead
A/R	Assumed Route	OSA	Off Survey Area
AV	Air Valve	OSBM	Ordnance Survey Bench Mark
BOLL	Bollard	PL	Pit Level
ILLU BOLL	Illuminous Bollard	PR	Pipe Riser
BB	Belisha Beacon	P&R Fence	Post & Rail Fence
BH	Borehole	RWL	Retaining Wall
BS	Bus Stop	RE	Rodding Eye
BTIC	British Telecom Cover	RS	Road Sign
C/BOX	Control Box	RWP	Rain Water Pipe
CR	Cable Riser	S/A	Soak Away
CTV	Cable TV	SAP	Sapling
CP	Catchpit	S/C	Sound Connected
CONC	Concrete	SEC FENCE	Security Fence
CL	Cover Level	SL	Spot Light
D	Depth / Deep	SP	Soil Pipe
D/CHAN	Drainage Channel	ST	Stop Tap
DP	Down Pipe	STN	Station (Datum Point)
EIC	Electricity Cover	SV	Stop Valve
ER	Earth Rod	SVP	Soil Vent Pipe
EP	Electricity Pole	TBM	Temporary Bench Mark
EOT	End Of Trace	TCL	Tree Canopy Level
FFL	Finished Floor Level	TOW	Top Of Wall Level
F/BED	Flower Bed	TFR	Taken From Records
FH	Fire Hydrant	THL	Threshold Level
FS	Fire Switch	TL	Traffic Light
GV	Gas Valve	TP	Telegraph Pole
G	Gully	TP&R	Timber Post & Rail
G-RUN	Gully Run	UTL	Unable To Locate
HT	Height	UTR	Unable To Raise
IC	Inspection Cover	UTS	Unable To Survey
IL	Invert Level	UTT	Unable To Trace
I/R	Iron Railing Fence	VR	Vapour Recovery
KO	Kerb Outlet	VP	Vent Pipe
LB	Letter Box	WM	Water Meter
LP	Lamp Post	WO	Wash Out
MB	Multi-Bole	WFC	Water Filled Chamber
MH	Manhole	WP	Waste Pipe
MKR	Marker	U/S	Underside
MTR	Meter	Ø	Diameter
MW	Monitoring Well		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS100	517429.254	111754.740	17.616	Road Nail
SVS101	517463.099	111731.596	16.544	Road Nail
SVS102	517430.932	111828.037	17.546	Road Nail
SVS103	517429.212	111893.917	17.535	Road Nail
T1	517406.757	111751.907	20.108	Retro Target
T2	517439.987	111788.398	19.149	Retro Target
T3	517455.565	111783.517	19.047	Retro Target
T129	517465.485	111763.777	17.982	Retro Target
SVS01	517617.955	111681.753	14.656	Road Nail
SVS02	517579.862	111676.848	14.766	Road Nail
SVS03	517523.908	111707.356	15.481	Road Nail
SVS04	517609.969	111721.868	14.536	Road Nail
SVS05	517602.865	111775.593	14.387	Road Nail
SVS103 SVS10	517548.349	111715.380	15.092	Road Nail
SVS11	517522.721	111723.939	15.270	Road Nail
SVS12	517626.156	111668.045	15.781	Road Nail
SVS13	517617.236	111663.294	15.844	Road Nail
SVS14	517602.733	111826.054	14.266	Road Nail
SVS15	517591.590	111867.956	15.319	Road Nail
SVS16	517546.201	111853.378	15.583	Road Nail
SVS17	517549.969	111831.962	14.969	Road Nail
SVS18	517542.075	111817.955	15.032	Road Nail
SVS19	517507.992	111815.365	15.323	Road Nail
SVS20	517524.715	111907.012	16.068	Road Nail
SVS21	517478.900	111896.011	16.811	Road Nail
SVS22	517452.407	111969.588	17.689	Road Nail
SVS23	517346.043	112087.173	19.705	Road Nail
SVS24	517630.857	112127.132	14.062	Road Nail
SVS25	517322.265	112211.462	17.426	Road Nail
SVS26	517413.301	112261.688	13.981	Road Nail
SVS27	517566.266	112243.894	13.391	Road Nail
SVS28	517596.943	112204.208	13.623	Road Nail
SVS103	517429.212	111893.918	17.524	Road Nail
T100	517542.020	111714.662	17.015	Retro Target
T101	517571.938	111721.777	16.492	Retro Target
T102	517569.845	111724.895	15.965	Retro Target
T103	517572.738	111688.480	16.367	Retro Target
T104	517593.217	111730.963	17.451	Retro Target
T105	517609.796	111774.564	16.775	Retro Target
T106	517631.830	111725.831	16.316	Retro Target
T107	517665.178	111734.145	16.192	Retro Target
T108	517471.952	111818.028	19.668	Retro Target
T109	517445.538	111890.188	19.097	Retro Target
T110	517568.537	111832.302	16.725	Retro Target
T111	517555.744	111821.616	16.774	Retro Target
T112	517545.580	111831.659	16.946	Retro Target
T113	517539.055	111823.578	17.092	Retro Target
T114	517527.030	111825.642	17.257	Retro Target
T115	517508.485	111819.601	17.263	Retro Target
T116	517502.411	111813.511	18.477	Retro Target
T117	517485.647	111797.035	18.581	Retro Target
T118	517499.826	111823.929	18.206	Retro Target
T119	517512.563	111804.859	17.458	Retro Target
T120	517509.637	111785.700	17.483	Retro Target
T121	517528.374	111748.962	17.453	Retro Target
T122	517525.638	111764.638	17.730	Retro Target
T123	517525.054	111740.356	17.609	Retro Target
T124	517556.109	111774.626	17.732	Retro Target
T125	517556.253	111782.007	17.051	Retro Target
T126	517545.123	111805.972	16.748	Retro Target
T127	517554.512	111804.421	16.639	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

European GPR Association · Link-up Qualified via Audit · chartered ices USMP · Constructionline Gold Member · The Survey Association · SVS ltd

CLIENT: ARCADIS Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE: 2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:	
1222-ARC-15641	03-01-2023	
SCALE:	**SHEET NO:**	**REV:**
1:200 @A1	2 of 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL STACK PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KD	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BM001	517416.899	111896.011	14.811	Road Nail
BM002	517453.744	111871.784	14.810	Road Nail
BM003	517463.099	111771.596	14.544	Road Nail
BM004	517479.197	111771.907	14.544	Road Nail
BM005	517496.593	111772.307	20.109	Road Nail
T1	517496.593	111772.307	20.109	Retro Targets
T2	517496.593	111772.307	20.109	Retro Targets
T3	517496.593	111772.307	20.109	Retro Targets
T120	517496.685	111772.333	13.882	Retro Targets
BM006	517503.988	111772.333	14.882	Road Nail
BM007	517523.908	111771.556	14.481	Road Nail
BM008	517523.908	111771.556	14.481	Road Nail
BM009	517523.908	111771.556	14.481	Road Nail
BM010	517548.569	111771.980	13.980	Road Nail
BM011	517548.569	111771.980	13.980	Road Nail
BM012	517548.569	111771.980	13.980	Road Nail
BM013	517617.236	111893.294	15.848	Road Nail
BM014	517617.236	111893.294	15.848	Road Nail
BM015	517617.236	111893.294	15.848	Road Nail
BM016	517544.201	111893.178	13.983	Road Nail
BM017	517544.201	111893.178	13.983	Road Nail
BM018	517544.201	111893.178	13.983	Road Nail
BM019	517527.972	111815.393	14.228	Road Nail
BM020	517527.972	111815.393	14.228	Road Nail
BM021	517527.972	111815.393	14.228	Road Nail
BM022	517546.049	111887.133	14.555	Road Nail
BM023	517546.049	111887.133	14.555	Road Nail
BM024	517546.049	111887.133	14.555	Road Nail
BM025	517611.201	111887.688	13.981	Road Nail
BM026	517611.201	111887.688	13.981	Road Nail
BM027	517611.201	111887.688	13.981	Road Nail
BM028	517639.231	111893.918	13.934	Road Nail
BM029	517639.231	111893.918	13.934	Road Nail
BM030	517639.231	111893.918	13.934	Road Nail
T101	517569.885	111774.895	13.965	Retro Targets
T102	517569.885	111774.895	13.965	Retro Targets
T103	517609.706	111774.084	14.715	Retro Targets
T104	517609.706	111774.084	14.715	Retro Targets
T105	517609.706	111774.084	14.715	Retro Targets
T106	517471.953	111815.145	14.668	Retro Targets
T107	517471.953	111815.145	14.668	Retro Targets
T108	517471.953	111815.145	14.668	Retro Targets
T109	517555.044	111821.616	13.754	Retro Targets
T110	517555.044	111821.616	13.754	Retro Targets
T111	517555.044	111821.616	13.754	Retro Targets
T112	517523.633	111815.642	14.297	Retro Targets
T113	517523.633	111815.642	14.297	Retro Targets
T114	517523.633	111815.642	14.297	Retro Targets
T115	517485.643	111772.033	13.981	Retro Targets
T116	517485.643	111772.033	13.981	Retro Targets
T117	517485.643	111772.033	13.981	Retro Targets
BM030.03	517639.231	111893.918	13.934	Road Nail
T118	517569.885	111774.895	13.965	Retro Targets
T119	517569.885	111774.895	13.965	Retro Targets
T120	517569.885	111774.895	13.965	Retro Targets
T121	517569.885	111774.895	13.965	Retro Targets
T122	517569.885	111774.895	13.965	Retro Targets
T123	517569.885	111774.895	13.965	Retro Targets
T124	517569.885	111774.895	13.965	Retro Targets
T125	517569.885	111774.895	13.965	Retro Targets
T126	517569.885	111774.895	13.965	Retro Targets
T127	517569.885	111774.895	13.965	Retro Targets

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SURVEY CONTROL ESTABLISHED USING LEICA GNSS RECEIVER. SITE CENTERED AROUND 517600.000E 111800.000N. COMBINED SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

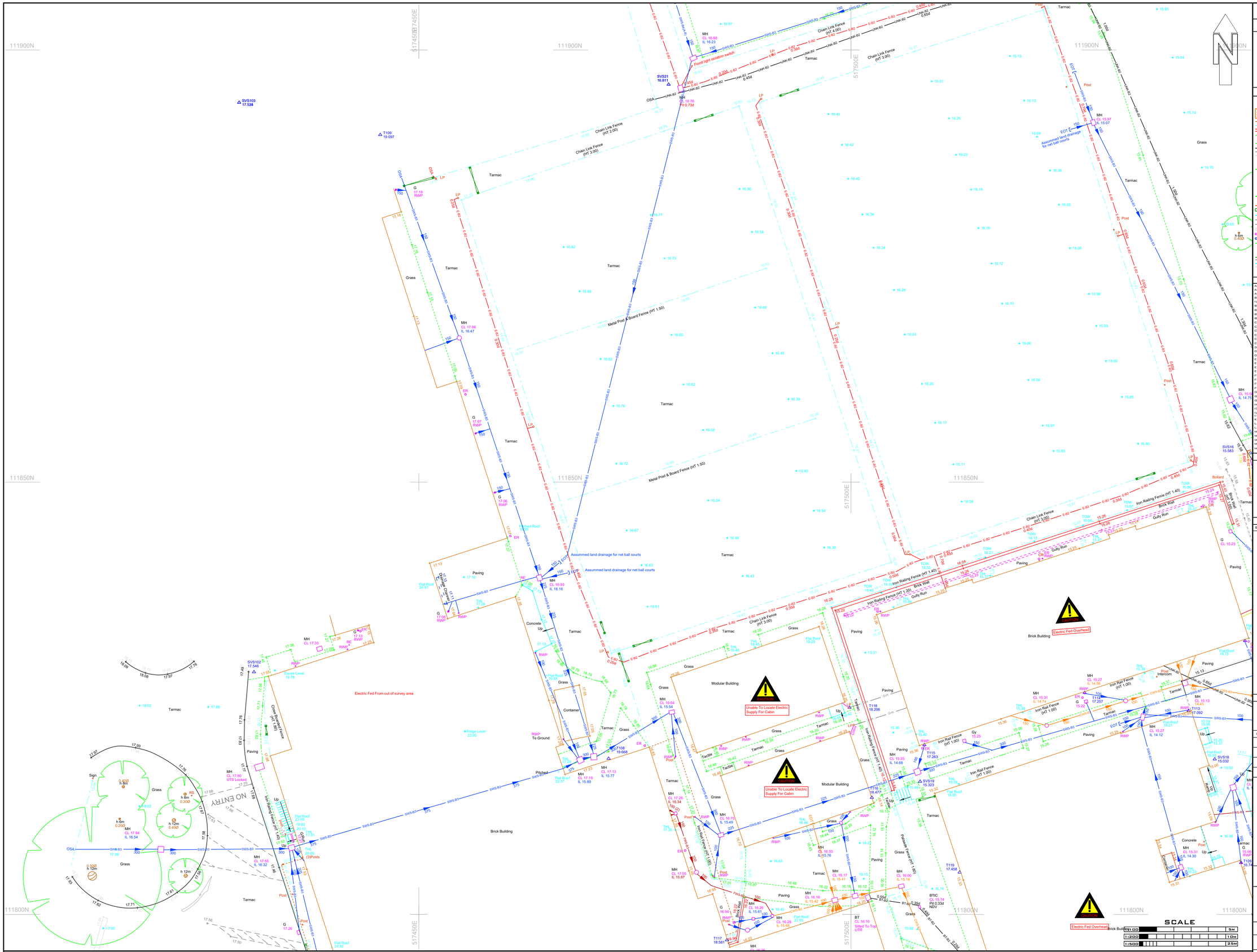
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

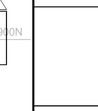
SCALE:	SHEET NO:	REV:
1:200 @A1	3 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historgical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINDUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRADE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS21	517478.899	111896.011	16.811	Road Nail
SVS102	517529.254	111791.796	17.546	Road Nail
SVS103	517483.039	111772.596	17.344	Road Nail
SVS16	517543.183	111744.583	15.583	Road Nail
SVS18	517553.865	111744.583	15.032	Road Nail
T1	517476.787	111772.907	15.109	Retro Target
T2	517476.787	111772.907	15.109	Retro Target
T3	517476.787	111772.907	15.109	Retro Target
T108	517483.039	111772.596	19.668	Retro Target
T109	517478.899	111896.011	19.097	Retro Target
T113	517553.865	111744.583	17.092	Retro Target
T114	517553.865	111744.583	17.257	Retro Target
T115	517553.865	111744.583	17.263	Retro Target
T117	517553.865	111744.583	18.581	Retro Target
T118	517553.865	111744.583	18.206	Retro Target
T119	517553.865	111744.583	17.468	Retro Target
SVS101	517478.899	111896.011	16.811	Road Nail
SVS102	517529.254	111791.796	17.546	Road Nail
SVS103	517483.039	111772.596	17.344	Road Nail
SVS104	517543.183	111744.583	15.583	Road Nail
SVS105	517553.865	111744.583	15.032	Road Nail
SVS106	517476.787	111772.907	15.109	Road Nail
SVS107	517476.787	111772.907	15.109	Road Nail
SVS108	517476.787	111772.907	15.109	Road Nail
SVS109	517483.039	111772.596	19.668	Road Nail
SVS110	517478.899	111896.011	19.097	Road Nail
SVS111	517553.865	111744.583	17.092	Road Nail
SVS112	517553.865	111744.583	17.257	Road Nail
SVS113	517553.865	111744.583	17.263	Road Nail
SVS114	517553.865	111744.583	18.581	Road Nail
SVS115	517553.865	111744.583	18.206	Road Nail
SVS116	517553.865	111744.583	17.468	Road Nail
SVS117	517553.865	111744.583	16.811	Road Nail
SVS118	517553.865	111744.583	17.546	Road Nail
SVS119	517553.865	111744.583	17.344	Road Nail
SVS120	517553.865	111744.583	15.583	Road Nail
SVS121	517553.865	111744.583	15.032	Road Nail
SVS122	517553.865	111744.583	15.109	Road Nail
SVS123	517553.865	111744.583	15.109	Road Nail
SVS124	517553.865	111744.583	15.109	Road Nail
SVS125	517553.865	111744.583	19.668	Road Nail
SVS126	517553.865	111744.583	19.097	Road Nail
SVS127	517553.865	111744.583	17.092	Road Nail
SVS128	517553.865	111744.583	17.257	Road Nail
SVS129	517553.865	111744.583	17.263	Road Nail
SVS130	517553.865	111744.583	18.581	Road Nail
SVS131	517553.865	111744.583	18.206	Road Nail
SVS132	517553.865	111744.583	17.468	Road Nail
T101	517553.865	111744.583	16.811	Retro Target
T102	517553.865	111744.583	17.546	Retro Target
T103	517553.865	111744.583	17.344	Retro Target
T104	517553.865	111744.583	15.583	Retro Target
T105	517553.865	111744.583	15.032	Retro Target
T106	517553.865	111744.583	15.109	Retro Target
T107	517553.865	111744.583	15.109	Retro Target
T108	517553.865	111744.583	15.109	Retro Target
T109	517553.865	111744.583	19.668	Retro Target
T110	517553.865	111744.583	19.097	Retro Target
T111	517553.865	111744.583	17.092	Retro Target
T112	517553.865	111744.583	17.257	Retro Target
T113	517553.865	111744.583	17.263	Retro Target
T114	517553.865	111744.583	18.581	Retro Target
T115	517553.865	111744.583	18.206	Retro Target
T116	517553.865	111744.583	17.468	Retro Target
T117	517553.865	111744.583	16.811	Retro Target
T118	517553.865	111744.583	17.546	Retro Target
T119	517553.865	111744.583	17.344	Retro Target
T120	517553.865	111744.583	15.583	Retro Target
T121	517553.865	111744.583	15.032	Retro Target
T122	517553.865	111744.583	15.109	Retro Target
T123	517553.865	111744.583	15.109	Retro Target
T124	517553.865	111744.583	15.109	Retro Target
T125	517553.865	111744.583	19.668	Retro Target
T126	517553.865	111744.583	19.097	Retro Target
T127	517553.865	111744.583	17.092	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. CONTROL STATIONS SVS101 TO SVS132 ESTABLISHED USING GNSS RECEIVER. SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE	DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION: Steyning Grammar School Shooting Field, Steyning BN44 3RX

DRAWING TITLE: 2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	4 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station / Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole (MH CL OO.OO)
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Historical By Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	ROODING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BH101	517478.899	111896.011	16.811	Road Nail
BH102	517429.028	111754.780	15.454	Road Nail
BH103	517463.079	111731.596	15.544	Road Nail
BH104	517474.747	111712.595	15.746	Road Nail
BH105	517429.218	111693.918	15.330	Road Nail
T1	517439.367	111766.796	15.149	Retro Target
T2	517439.367	111766.796	15.149	Retro Target
T3	517439.367	111766.796	15.149	Retro Target
BH201	517457.552	111687.153	14.888	Road Nail
BH202	517479.662	111670.163	14.856	Road Nail
BH203	517499.969	111653.188	14.815	Road Nail
BH204	517509.969	111721.668	14.636	Road Nail
BH205	517520.701	111703.339	14.780	Road Nail
BH206	517532.701	111723.339	15.070	Road Nail
BH207	517552.701	111743.339	15.330	Road Nail
BH208	517572.638	111763.339	15.844	Road Nail
BH209	517592.333	111804.054	14.556	Road Nail
BH210	517544.201	111774.078	15.583	Road Nail
BH211	517544.201	111811.961	14.969	Road Nail
BH212	517549.969	111831.961	14.969	Road Nail
BH213	517569.969	111851.961	14.969	Road Nail
BH214	517589.969	111871.961	14.969	Road Nail
BH215	517574.715	111797.211	15.088	Road Nail
BH216	517592.401	111814.888	15.088	Road Nail
BH217	517592.401	111834.888	15.088	Road Nail
BH218	517546.063	111887.132	14.705	Road Nail
BH219	517552.205	111906.488	14.705	Road Nail
BH220	517552.205	111926.488	14.705	Road Nail
BH221	517573.301	112261.488	14.981	Road Nail
BH222	517596.963	112281.078	14.981	Road Nail
BH223	517596.963	112301.078	14.981	Road Nail
BH103	517429.212	111693.918	15.324	Road Nail
T1	517551.698	112242.795	14.980	Retro Target
T2	517551.698	112242.795	14.980	Retro Target
T3	517569.865	112704.495	14.965	Retro Target
T4	517569.865	112704.495	14.965	Retro Target
T5	517569.865	112704.495	14.965	Retro Target
T6	517601.898	112705.891	15.316	Retro Target
T7	517601.898	112705.891	15.316	Retro Target
T8	517601.898	112705.891	15.316	Retro Target
T9	517644.336	112686.188	15.587	Retro Target
T10	517644.336	112686.188	15.587	Retro Target
T11	517644.336	112686.188	15.587	Retro Target
T12	517549.960	111831.959	14.946	Retro Target
T13	517549.960	111831.959	14.946	Retro Target
T14	517549.960	111831.959	14.946	Retro Target
T15	517508.485	111819.401	15.283	Retro Target
T16	517508.485	111819.401	15.283	Retro Target
T17	517508.485	111819.401	15.283	Retro Target
T18	517499.824	111803.929	15.356	Retro Target
T19	517499.824	111803.929	15.356	Retro Target
T20	517499.824	111803.929	15.356	Retro Target
T21	517539.374	111769.982	15.453	Retro Target
T22	517539.374	111769.982	15.453	Retro Target
T23	517539.374	111769.982	15.453	Retro Target
T24	517556.109	111774.624	15.732	Retro Target
T25	517556.109	111774.624	15.732	Retro Target
T26	517556.109	111774.624	15.732	Retro Target
T27	517554.972	111804.972	14.748	Retro Target
T28	517554.972	111804.972	14.748	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALTERNATIVE DATUM IS RELATIVE TO SITE CONTROL USING GNSS RECEIVER. SITE CENTERED AROUND SVS01 : NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

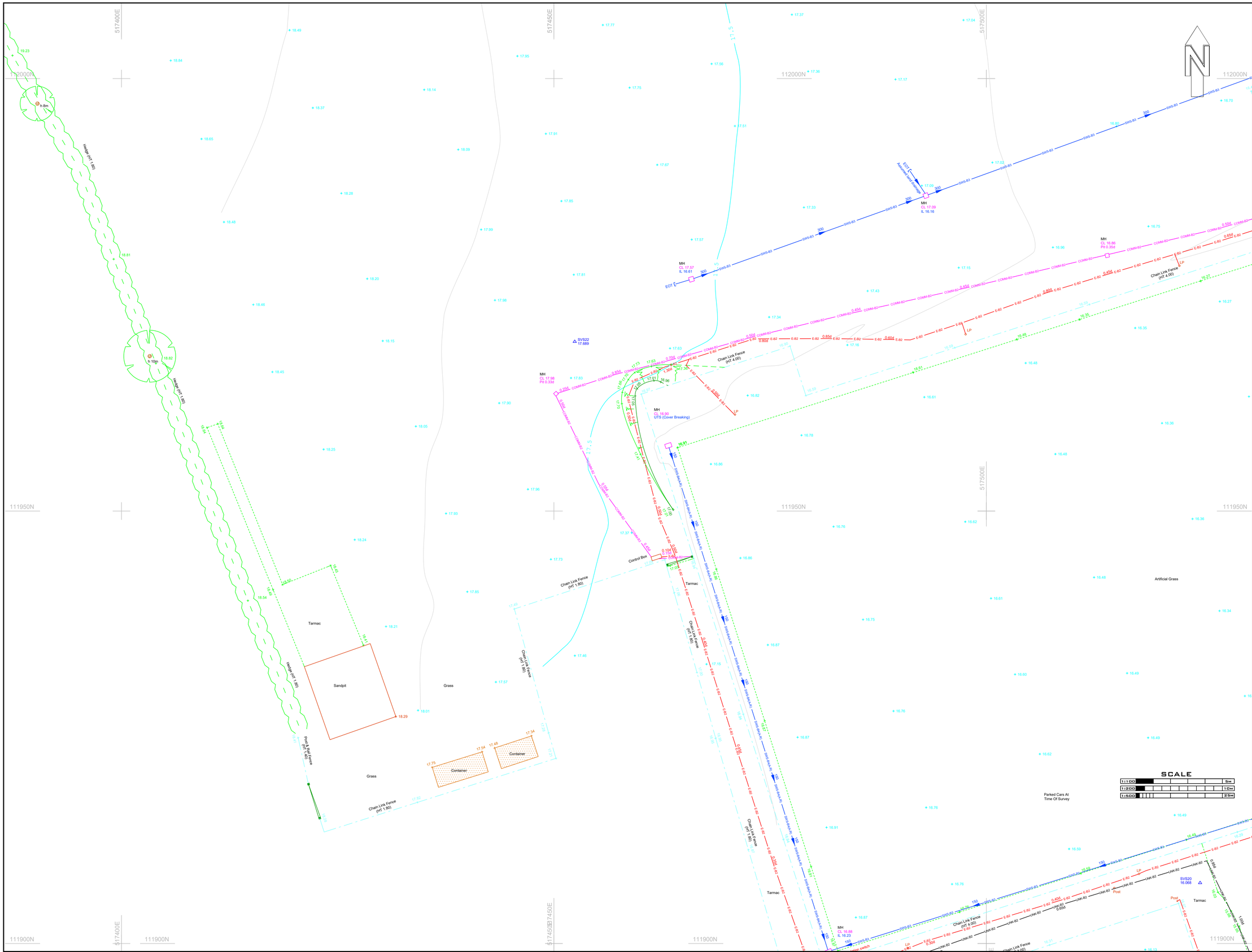
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	5 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historgical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KD	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BM001	517416.899	111896.611	16.811	Road Nail
BM002	517452.744	111871.780	17.202	Road Nail
BM003	517493.099	111931.596	16.544	Road Nail
BM004	517472.276	111953.907	16.948	Road Nail
BM005	517474.557	111955.907	16.947	Road Nail
T1	517496.737	111976.307	20.109	Ratio Targets
T2	517496.737	111976.307	20.109	Ratio Targets
T3	517496.737	111976.311	20.047	Ratio Targets
T1001	517496.685	111976.731	17.882	Ratio Targets
T1002	517496.685	111976.731	17.882	Ratio Targets
BM001	517523.908	111797.556	16.760	Road Nail
BM002	517523.908	111797.556	16.481	Road Nail
BM003	517523.908	111797.556	16.481	Road Nail
BM004	517502.955	111775.593	16.287	Road Nail
BM005	517502.955	111775.593	16.287	Road Nail
BM001	517548.349	111715.980	15.090	Road Nail
BM002	517548.349	111715.980	15.090	Road Nail
BM003	517548.349	111715.980	15.090	Road Nail
BM004	517548.349	111715.980	15.090	Road Nail
BM005	517548.349	111715.980	15.090	Road Nail
BM001	517617.236	111693.294	15.844	Road Nail
BM002	517617.236	111693.294	15.844	Road Nail
BM003	517617.236	111693.294	15.844	Road Nail
BM004	517594.590	111671.556	15.583	Road Nail
BM005	517594.590	111671.556	15.583	Road Nail
BM001	517546.201	111653.178	15.983	Road Nail
BM002	517546.201	111653.178	15.983	Road Nail
BM003	517546.201	111653.178	15.983	Road Nail
BM004	517542.976	111615.365	15.220	Road Nail
BM005	517542.976	111615.365	15.220	Road Nail
BM001	517546.049	111587.133	14.955	Road Nail
BM002	517546.049	111587.133	14.955	Road Nail
BM003	517546.049	111587.133	14.955	Road Nail
BM004	517546.201	111561.688	14.981	Road Nail
BM005	517546.201	111561.688	14.981	Road Nail
BM001	517546.049	111561.688	14.981	Road Nail
BM002	517546.049	111561.688	14.981	Road Nail
BM003	517546.049	111561.688	14.981	Road Nail
BM004	517429.211	111693.518	17.534	Road Nail
BM005	517429.211	111693.518	17.534	Road Nail
T101	517569.885	111724.895	15.965	Ratio Targets
T102	517569.885	111724.895	15.965	Ratio Targets
T103	517569.885	111724.895	15.965	Ratio Targets
T104	517609.796	111774.084	14.775	Ratio Targets
T105	517609.796	111774.084	14.775	Ratio Targets
T106	517609.796	111774.084	14.775	Ratio Targets
T107	517641.952	111818.028	15.668	Ratio Targets
T108	517641.952	111818.028	15.668	Ratio Targets
T109	517641.952	111818.028	15.668	Ratio Targets
T110	517568.033	111832.809	16.725	Ratio Targets
T111	517555.744	111821.616	16.714	Ratio Targets
T112	517555.744	111821.616	16.714	Ratio Targets
T113	517555.744	111821.616	16.714	Ratio Targets
T114	517523.030	111825.642	17.257	Ratio Targets
T115	517523.030	111825.642	17.257	Ratio Targets
T116	517523.030	111825.642	17.257	Ratio Targets
T117	517485.647	111797.035	16.581	Ratio Targets
T118	517485.647	111797.035	16.581	Ratio Targets
T119	517485.647	111797.035	16.581	Ratio Targets
T120	517529.671	111765.102	15.483	Ratio Targets
T121	517529.671	111765.102	15.483	Ratio Targets
T122	517529.671	111765.102	15.483	Ratio Targets
T123	517523.054	111760.104	15.659	Ratio Targets
T124	517523.054	111760.104	15.659	Ratio Targets
T125	517523.054	111760.104	15.659	Ratio Targets
T126	517544.122	111809.427	16.248	Ratio Targets

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL DISTANCES ARE GROUND DISTANCES USING LEICA GNSS RECEIVER
SITE IDENTIFIED AROUND SVS01 AND SVS02 FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100 5M
1:200 10M
1:500 25M

CLIENT: ARCADIS Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	6 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "Avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WD	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BM001	517476.899	111896.611	16.811	Road Nail
BM002	517453.754	111944.781	16.844	Road Nail
BM101	517463.099	111971.596	16.544	Road Nail
BM102	517474.478	111993.971	16.580	Road Nail
BM103	517486.757	112018.917	16.830	Road Nail
01	517496.597	111791.307	20.109	Retro Target
02	517496.597	111791.307	20.109	Retro Target
03	517496.611	111791.311	20.047	Retro Target
TP01	517496.683	111792.731	17.882	Retro Target
BM001	517523.899	111896.611	16.811	Road Nail
BM002	517523.754	111944.781	16.844	Road Nail
BM003	517523.908	111971.596	16.481	Road Nail
BM004	517523.478	111993.971	16.580	Road Nail
BM005	517502.864	112018.593	16.287	Road Nail
BM001	517548.349	111771.380	17.090	Road Nail
BM002	517547.756	111883.178	17.083	Road Nail
BM003	517547.756	111883.178	17.761	Road Nail
BM004	517617.236	111883.294	15.844	Road Nail
BM005	517617.236	111883.294	15.844	Road Nail
BM006	517617.236	111883.294	15.844	Road Nail
BM007	517546.201	111883.178	17.083	Road Nail
BM008	517546.201	111883.178	17.083	Road Nail
BM009	517547.756	111883.178	17.083	Road Nail
BM010	517547.756	111883.178	17.761	Road Nail
BM011	517547.756	111883.178	17.761	Road Nail
BM012	517547.756	111883.178	17.761	Road Nail
BM013	517547.756	111883.178	17.761	Road Nail
BM014	517546.201	111883.178	17.083	Road Nail
BM015	517546.201	111883.178	17.083	Road Nail
BM016	517546.201	111883.178	17.083	Road Nail
BM017	517546.201	111883.178	17.083	Road Nail
BM018	517546.201	111883.178	17.083	Road Nail
BM019	517547.756	111883.178	17.761	Road Nail
BM020	517547.756	111883.178	17.761	Road Nail
BM021	517547.756	111883.178	17.761	Road Nail
BM022	517546.201	111883.178	17.083	Road Nail
BM023	517546.201	111883.178	17.083	Road Nail
BM024	517546.049	112087.133	17.455	Road Nail
BM025	517546.049	112087.133	17.455	Road Nail
BM026	517546.049	112087.133	17.455	Road Nail
BM027	517546.201	112083.688	17.981	Road Nail
BM028	517546.049	112087.133	17.455	Road Nail
BM029	517546.049	112087.133	17.455	Road Nail
BM030	517429.211	111893.918	17.534	Road Nail
BM031	517429.211	111893.918	17.534	Road Nail
TP01	517568.885	111724.895	16.480	Retro Target
TP02	517569.885	111724.895	16.965	Retro Target
TP03	517569.885	111724.895	16.965	Retro Target
TP04	517609.556	111774.584	16.451	Retro Target
TP05	517609.756	111774.584	16.775	Retro Target
TP06	517609.756	111774.584	16.775	Retro Target
TP07	517565.178	111734.145	16.689	Retro Target
TP08	517571.952	111818.128	16.668	Retro Target
TP09	517571.952	111818.128	16.668	Retro Target
TP10	517568.103	111821.002	16.725	Retro Target
TP11	517555.744	111821.616	16.714	Retro Target
TP12	517555.744	111821.616	16.714	Retro Target
TP13	517539.055	111825.642	17.280	Retro Target
TP14	517537.030	111825.642	17.257	Retro Target
TP15	517537.030	111825.642	17.257	Retro Target
TP16	517550.811	111797.535	16.473	Retro Target
TP17	517565.643	111797.535	16.581	Retro Target
TP18	517565.643	111797.535	16.581	Retro Target
TP19	517512.903	111826.859	17.458	Retro Target
TP20	517509.617	111785.102	17.483	Retro Target
TP21	517509.617	111785.102	17.483	Retro Target
TP22	517523.058	111760.896	17.659	Retro Target
TP23	517523.058	111760.896	17.659	Retro Target
TP24	517523.054	111760.104	17.659	Retro Target
TP25	517523.054	111760.104	17.659	Retro Target
TP26	517544.123	111809.427	16.248	Retro Target
TP27	517544.123	111809.427	16.248	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL COORDINATES ARE IN METRES RELATED TO OSGB36 USING LEICA GNSS RECEIVER SITE IDENTIFIED AS GRID 1:1 AND GRID TO GRID FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

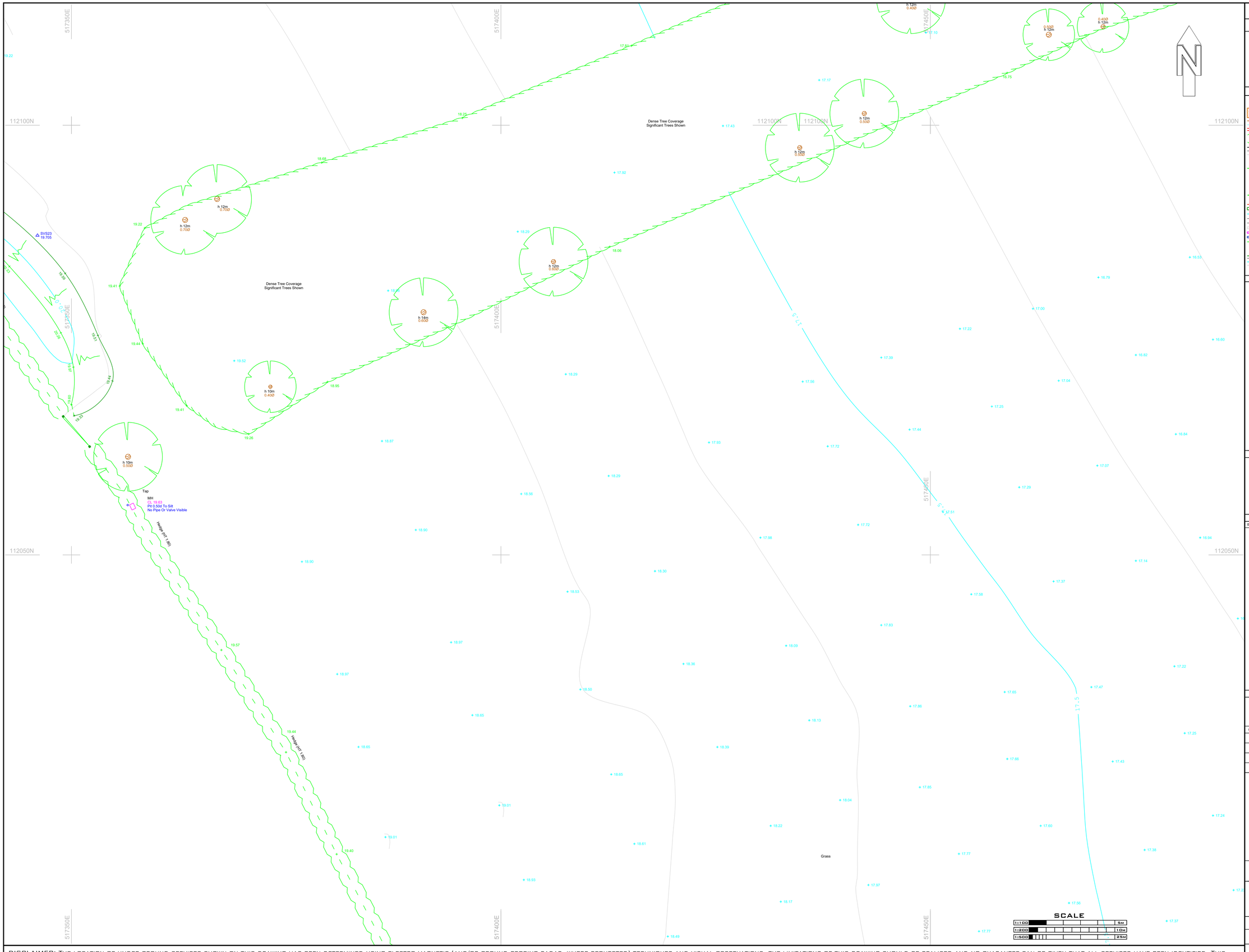
SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	7 OF 18	

SCALE
1:100 5M
1:200 10M
1:500 25M

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "Avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole (MH CL DD.DD)
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	SA	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV001	517478.899	111896.011	16.811	Road Nail
BV002	517467.696	111884.780	17.046	Road Nail
BV003	517439.032	111856.535	17.446	Road Nail
BV004	517439.137	111856.637	17.446	Road Nail
BV005	517439.210	111856.710	17.446	Retro Target
T2	517439.587	111788.398	17.149	Retro Target
T1	517439.587	111788.398	17.149	Retro Target
T1(B)	517439.587	111788.398	17.149	Retro Target
BV001	517471.965	111881.153	16.858	Road Nail
BV002	517467.696	111884.780	17.046	Road Nail
BV003	517439.032	111856.535	17.446	Road Nail
BV004	517409.969	111791.868	14.536	Road Nail
BV005	517409.969	111791.868	14.536	Road Nail
BV010	517548.589	111713.592	15.090	Road Nail
BV011	517521.721	111713.939	15.270	Road Nail
BV012	517521.721	111713.939	15.270	Road Nail
BV013	517517.254	111802.294	15.844	Road Nail
BV014	517600.723	111826.034	14.266	Road Nail
BV015	517594.101	111853.978	14.580	Road Nail
BV016	517594.101	111853.978	14.580	Road Nail
BV017	517549.969	111871.962	14.969	Road Nail
BV018	517549.969	111871.962	14.969	Road Nail
BV019	517507.992	111953.955	15.302	Road Nail
BV020	517524.715	111997.012	14.998	Road Nail
BV021	517524.715	111997.012	14.998	Road Nail
BV022	517542.607	112036.588	14.869	Road Nail
BV023	517546.043	112087.173	14.703	Road Nail
BV024	517546.043	112087.173	14.703	Road Nail
BV025	517502.355	112141.482	15.400	Road Nail
BV026	517564.701	112243.894	14.581	Road Nail
BV027	517564.701	112243.894	14.581	Road Nail
BV028	517596.043	112304.208	14.602	Road Nail
BV029	517596.043	112304.208	14.602	Road Nail
BV030	517542.020	111774.665	15.655	Retro Target
T101	517542.020	111774.665	15.655	Retro Target
T102	517531.888	111754.990	15.990	Retro Target
T103	517517.738	111686.480	16.267	Retro Target
T104	517509.176	111644.984	16.405	Retro Target
T105	517509.176	111644.984	16.405	Retro Target
T106	517631.830	111709.831	15.316	Retro Target
T107	517631.830	111709.831	15.316	Retro Target
T108	517671.760	111814.028	15.868	Retro Target
T109	517646.538	111890.188	15.597	Retro Target
T110	517646.538	111890.188	15.597	Retro Target
T111	517555.744	112142.616	15.774	Retro Target
T112	517549.580	112161.459	15.948	Retro Target
T113	517537.703	112193.940	16.287	Retro Target
T114	517537.703	112193.940	16.287	Retro Target
T115	517508.485	112219.601	17.263	Retro Target
T116	517508.485	112219.601	17.263	Retro Target
T117	517489.843	112236.703	16.581	Retro Target
T118	517489.826	112236.929	16.206	Retro Target
T119	517509.637	112785.700	15.483	Retro Target
T120	517509.637	112785.700	15.483	Retro Target
T121	517529.574	112749.962	15.453	Retro Target
T122	517529.574	112749.962	15.453	Retro Target
T123	517553.098	112706.056	15.609	Retro Target
T124	517556.109	112774.626	15.732	Retro Target
T125	517541.121	112801.972	15.787	Retro Target
T126	517541.121	112801.972	15.787	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER
SITE CENTERED AROUND BV001. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	8 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.

Dense Tree Coverage
Significant Trees Shown

Dense Tree Coverage
Unable to Survey Fully Area needs Clearing

Unable to

Concrete
16.08

Concrete
15.88

h 12m
0.40Ø

h 10m
0.40Ø

h 14m
0.40Ø

0.40Ø
h 12m

0.40Ø
h 10m

0.50Ø
h 12m

517450E
517500E
517550E

112150N
112100N

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole (MH CL DD.DD)
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historgical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS01	517478.889	111891.511	17.611	Road Nail
SVS100	517429.254	111794.540	17.416	Road Nail
SVS101	517430.552	111818.035	17.546	Road Nail
SVS102	517430.552	111818.035	17.546	Road Nail
SVS103	517429.212	111893.917	17.535	Road Nail
T1	517429.987	111786.238	19.147	Retro Target
T2	517429.987	111786.238	19.147	Retro Target
T3	517455.565	111793.511	19.047	Retro Target
SVS02	517570.662	111877.703	17.802	Road Nail
SVS03	517579.962	111876.948	17.766	Road Nail
SVS04	517602.845	111875.197	17.781	Road Nail
SVS05	517602.845	111875.197	17.781	Road Nail
SVS06	517602.845	111875.197	17.781	Road Nail
SVS07	517602.845	111875.197	17.781	Road Nail
SVS08	517602.845	111875.197	17.781	Road Nail
SVS09	517602.845	111875.197	17.781	Road Nail
SVS10	517602.845	111875.197	17.781	Road Nail
SVS11	517602.845	111875.197	17.781	Road Nail
SVS12	517565.136	111886.049	17.784	Road Nail
SVS13	517565.136	111886.049	17.784	Road Nail
SVS14	517602.733	111894.958	17.808	Road Nail
SVS15	517594.580	111893.958	17.819	Road Nail
SVS16	517594.580	111893.958	17.819	Road Nail
SVS17	517594.580	111893.958	17.819	Road Nail
SVS18	517594.580	111893.958	17.819	Road Nail
SVS19	517597.592	111874.565	17.523	Road Nail
SVS20	517597.592	111874.565	17.523	Road Nail
SVS21	517574.635	111890.088	17.689	Road Nail
SVS22	517574.635	111890.088	17.689	Road Nail
SVS23	517574.635	111890.088	17.689	Road Nail
SVS24	517580.457	112007.132	17.260	Road Nail
SVS25	517591.265	112021.482	17.406	Road Nail
SVS26	517582.258	112033.894	17.421	Road Nail
SVS27	517582.258	112033.894	17.421	Road Nail
SVS28	517596.943	112054.238	17.423	Road Nail
SVS29	517596.943	112054.238	17.423	Road Nail
T101	517547.210	111914.951	17.550	Retro Target
T102	517571.938	111721.771	17.483	Retro Target
T103	517572.238	111688.660	17.467	Retro Target
T104	517572.238	111688.660	17.467	Retro Target
T105	517589.017	111570.563	17.451	Retro Target
T106	517611.450	111725.911	17.315	Retro Target
T107	517611.450	111725.911	17.315	Retro Target
T108	517645.178	111734.145	17.192	Retro Target
T109	517645.178	111734.145	17.192	Retro Target
T110	517643.538	111890.088	17.097	Retro Target
T111	517568.537	111832.502	17.725	Retro Target
T112	517568.537	111832.502	17.725	Retro Target
T113	517539.065	111823.478	17.092	Retro Target
T114	517539.065	111823.478	17.092	Retro Target
T115	517500.411	111813.511	17.471	Retro Target
T116	517500.411	111813.511	17.471	Retro Target
T117	517499.658	111823.953	17.458	Retro Target
T118	517499.658	111823.953	17.458	Retro Target
T119	517512.583	111804.939	17.458	Retro Target
T120	517512.583	111804.939	17.458	Retro Target
T121	517524.774	111746.462	17.367	Retro Target
T122	517525.038	111746.638	17.369	Retro Target
T123	517524.774	111746.462	17.367	Retro Target
T124	517524.122	111809.577	17.744	Retro Target
T125	517524.122	111809.577	17.744	Retro Target
T126	517524.122	111809.577	17.744	Retro Target
T127	517504.514	111809.577	17.693	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023
SCALE: 1:200 @A1	SHEET NO: 9 OF 18 REV:

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by refering to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINDUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRADE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BH01	517478.899	111890.011	14.811	Road Nail
BH2100	517409.254	111754.740	17.414	Road Nail
BH2101	517439.552	111826.255	17.348	Road Nail
BH2102	517510.762	111818.033	17.586	Road Nail
BH3103	517409.211	111893.917	17.535	Road Nail
T1	517435.971	111786.098	15.247	Retro Target
T2	517439.987	111786.098	15.247	Retro Target
T3	517405.585	111769.511	15.047	Retro Target
T4	517405.585	111769.511	15.047	Retro Target
BH08	517577.962	111876.753	14.892	Road Nail
BH01	517579.962	111876.948	14.766	Road Nail
BH02	517579.962	111876.948	14.766	Road Nail
BH03	517600.849	111875.193	14.530	Road Nail
BH04	517602.865	111875.193	14.387	Road Nail
BH05	517602.865	111875.193	14.387	Road Nail
BH06	517624.156	111885.045	14.780	Road Nail
BH07	517624.156	111885.045	14.784	Road Nail
BH14	517607.133	111885.045	14.688	Road Nail
BH15	517607.133	111885.045	14.688	Road Nail
BH16	517594.320	111893.578	14.583	Road Nail
BH17	517594.320	111893.578	14.583	Road Nail
BH18	517594.993	111915.965	14.980	Road Nail
BH19	517591.992	111915.965	14.723	Road Nail
BH20	517574.403	111915.965	14.489	Road Nail
BH21	517574.403	111906.588	14.489	Road Nail
BH22	517574.403	111906.588	14.489	Road Nail
BH23	517566.043	111906.588	14.420	Road Nail
BH24	517566.043	111906.588	14.420	Road Nail
BH25	517592.265	112021.482	14.826	Road Nail
BH26	517592.265	112021.482	14.826	Road Nail
BH27	517566.043	112043.994	14.421	Road Nail
BH28	517566.043	112054.038	14.423	Road Nail
BH29	517566.043	112054.038	14.423	Road Nail
T101	517571.938	111701.777	14.495	Retro Target
T102	517571.938	111701.777	14.490	Retro Target
T103	517557.788	111688.680	14.367	Retro Target
T104	517557.788	111688.680	14.367	Retro Target
T105	517589.217	111730.563	14.451	Retro Target
T106	517589.217	111730.563	14.451	Retro Target
T107	517611.630	111725.811	14.319	Retro Target
T108	517611.630	111725.811	14.319	Retro Target
T109	517645.178	111734.145	14.392	Retro Target
T110	517645.178	111734.145	14.392	Retro Target
T111	517644.538	111832.108	14.695	Retro Target
T112	517644.538	111832.108	14.695	Retro Target
T113	517568.537	111832.302	14.725	Retro Target
T114	517568.537	111832.302	14.725	Retro Target
T115	517593.080	111823.659	14.966	Retro Target
T116	517593.080	111823.659	14.966	Retro Target
T117	517539.055	111823.578	14.292	Retro Target
T118	517539.055	111823.578	14.292	Retro Target
T119	517506.485	111823.511	14.093	Retro Target
T120	517506.485	111823.511	14.477	Retro Target
T121	517501.411	111823.511	14.477	Retro Target
T122	517499.658	111823.509	14.458	Retro Target
T123	517499.658	111823.509	14.458	Retro Target
T124	517512.563	111804.859	14.458	Retro Target
T125	517512.563	111804.859	14.458	Retro Target
T126	517528.574	111784.638	14.433	Retro Target
T127	517528.574	111784.638	14.433	Retro Target
T128	517554.233	111784.638	14.739	Retro Target
T129	517554.233	111784.638	14.739	Retro Target
T130	517554.233	111804.421	14.836	Retro Target
T131	517554.233	111804.421	14.836	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. SITE CENTERED AROUND SVS01: NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

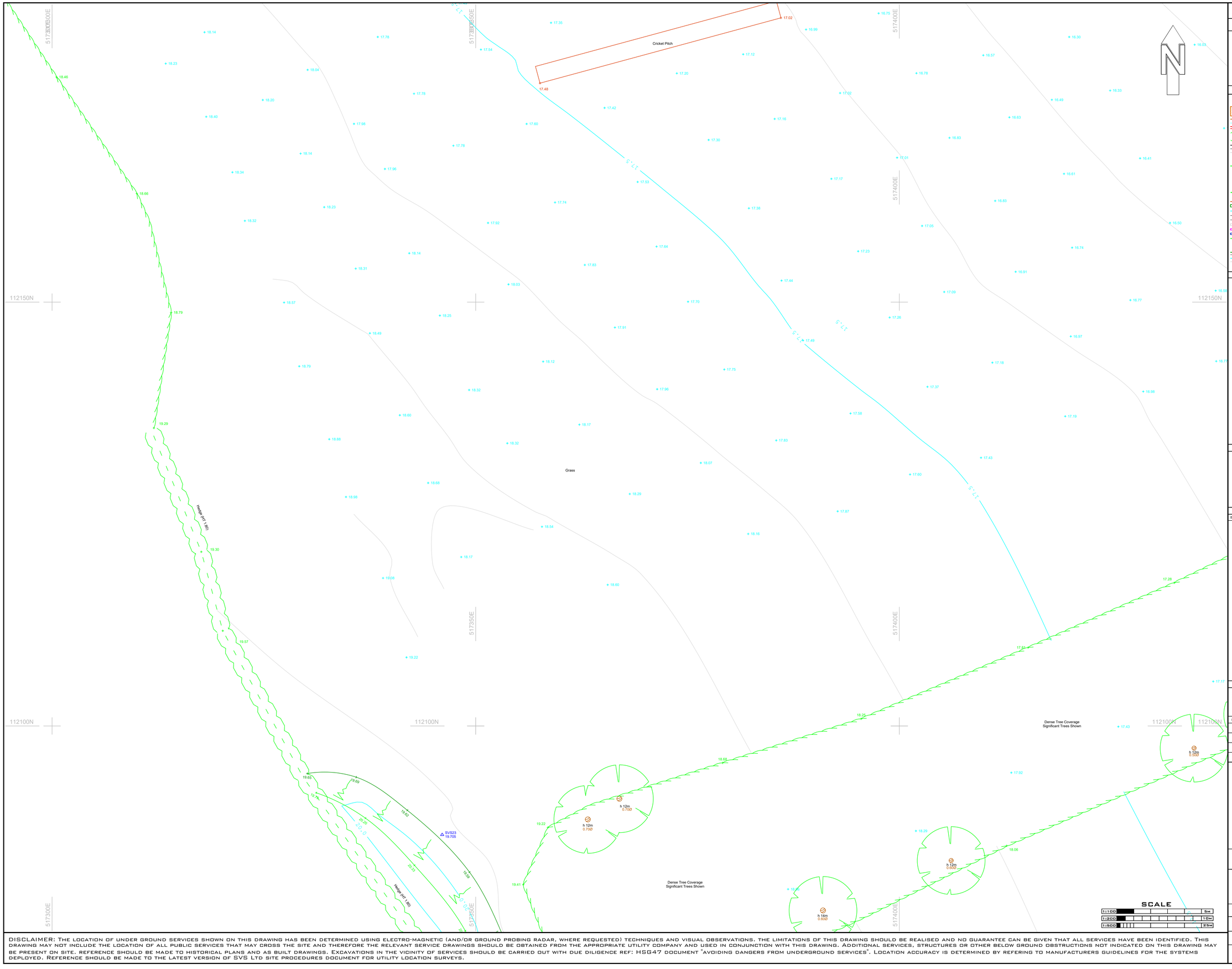
SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023
SCALE: 1:200 @A1	SHEET NO: 10 OF 18 REV:

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
MH CL OO.OO Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
TANK * - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRADE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFO	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SVS01	517476.699	111994.501	16.815	Road Nail
SVS02	517429.254	111794.540	17.414	Road Nail
SVS03	517430.502	111826.535	17.366	Road Nail
SVS04	517430.502	111826.535	17.366	Road Nail
SVS05	517429.212	111893.917	17.535	Road Nail
SVS06	517429.212	111893.917	17.535	Road Nail
T1	517455.987	111786.598	19.183	Retro Target
T2	517455.585	111783.317	19.047	Retro Target
T3	517455.585	111783.317	19.047	Retro Target
SVS07	517379.701	111871.701	17.282	Road Nail
SVS08	517379.862	111876.848	16.766	Road Nail
SVS09	517379.862	111876.848	16.766	Road Nail
SVS10	517420.868	111772.868	16.535	Road Nail
SVS11	517402.865	111775.593	16.387	Road Nail
SVS12	517402.865	111775.593	16.387	Road Nail
SVS13	517426.156	111868.045	17.670	Road Nail
SVS14	517426.156	111868.045	17.781	Road Nail
SVS15	517426.156	111868.045	17.781	Road Nail
SVS16	517402.533	111870.074	16.284	Road Nail
SVS17	517591.590	111867.956	17.319	Road Nail
SVS18	517591.590	111867.956	17.319	Road Nail
SVS19	517549.568	111823.982	16.980	Road Nail
SVS20	517549.073	111823.955	16.533	Road Nail
SVS21	517549.073	111823.955	16.533	Road Nail
SVS22	517504.115	111896.012	16.099	Road Nail
SVS23	517474.805	111896.066	15.881	Road Nail
SVS24	517474.805	111896.066	15.881	Road Nail
SVS25	517549.043	111867.713	16.700	Road Nail
SVS26	517549.043	111867.713	16.700	Road Nail
SVS27	517301.069	112021.482	17.409	Road Nail
SVS28	517301.069	112021.482	17.409	Road Nail
SVS29	517417.260	112004.888	16.580	Road Nail
SVS30	517417.260	112004.888	16.580	Road Nail
SVS31	517596.943	112094.208	15.625	Road Nail
SVS32	517596.943	112094.208	15.625	Road Nail
SVS33	517596.210	112094.818	15.558	Road Nail
T01	517571.038	111971.771	16.492	Retro Target
T02	517571.038	111971.771	16.492	Retro Target
T03	517589.031	111880.480	17.340	Retro Target
T04	517589.031	111880.480	17.340	Retro Target
T05	517589.031	111880.480	17.451	Retro Target
T06	517589.031	111880.480	17.451	Retro Target
T07	517482.178	111794.145	16.193	Retro Target
T08	517482.178	111794.145	16.193	Retro Target
T09	517482.178	111794.145	16.193	Retro Target
T10	517568.537	111832.002	16.725	Retro Target
T11	517568.537	111832.002	16.725	Retro Target
T12	517568.537	111832.002	16.725	Retro Target
T13	517539.055	111823.578	17.092	Retro Target
T14	517539.055	111823.578	17.092	Retro Target
T15	517539.055	111823.578	17.092	Retro Target
T16	517520.411	111823.511	16.477	Retro Target
T17	517520.411	111823.511	16.477	Retro Target
T18	517520.411	111823.511	16.477	Retro Target
T19	517499.636	111823.923	16.206	Retro Target
T20	517521.563	111804.833	17.456	Retro Target
T21	517521.563	111804.833	17.456	Retro Target
T22	517521.563	111804.833	17.456	Retro Target
T23	517525.638	111764.638	17.750	Retro Target
T24	517525.638	111764.638	17.750	Retro Target
T25	517525.638	111764.638	17.750	Retro Target
T26	517554.253	111782.057	17.054	Retro Target
T27	517554.253	111782.057	17.054	Retro Target
T28	517554.512	111804.421	16.439	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SVS01. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS SOUGHT IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

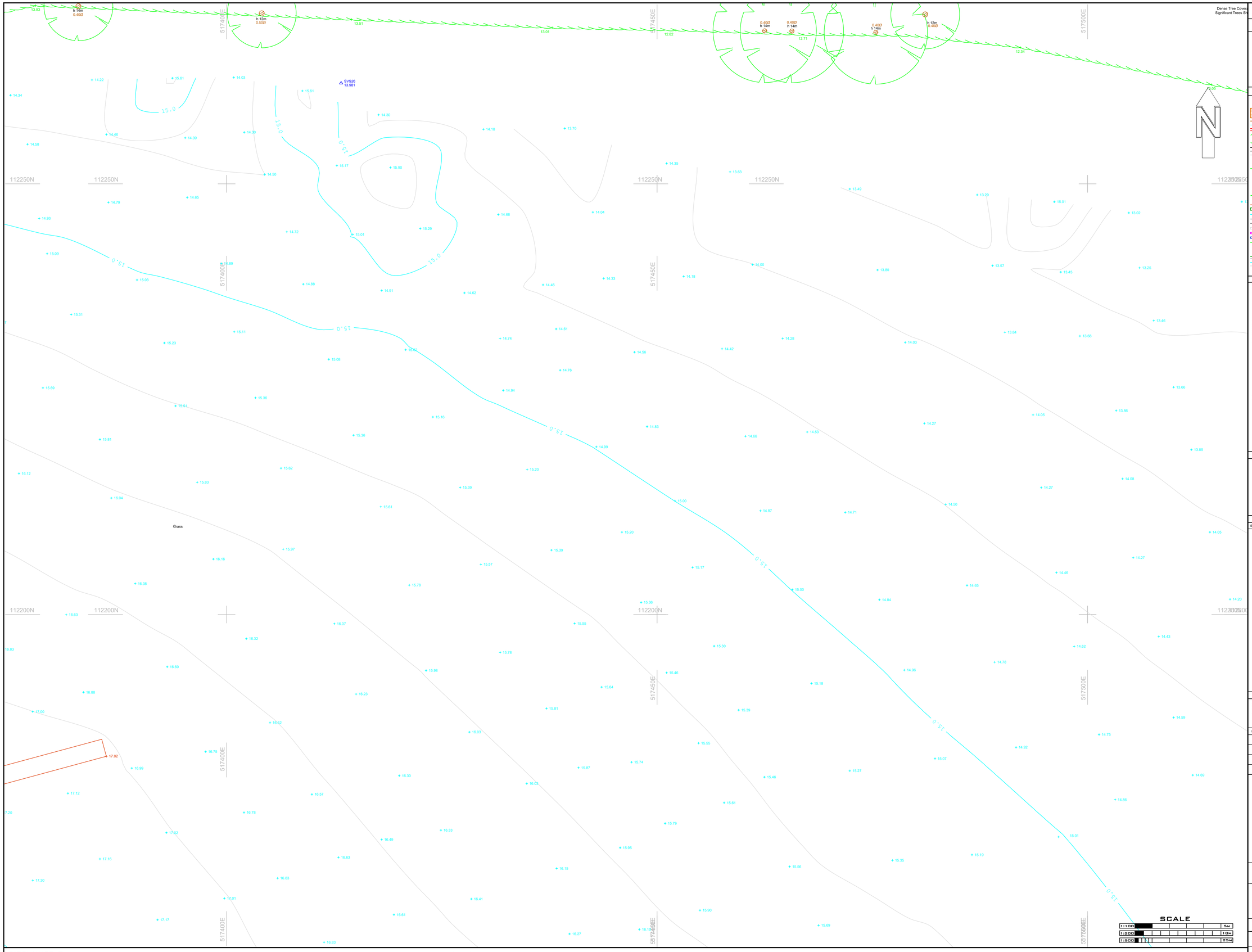
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023
SCALE: 1:200 @A1	SHEET NO: 11 OF 18 — REV:

SCALE
1:100 5M
1:200 10M
1:500 25M

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OHL	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	ROODING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BH001	517474.899	111896.611	16.811	Road Nail
BH002	517474.744	111879.586	16.801	Road Nail
BH101	517483.099	111875.596	16.544	Road Nail
BH102	517479.048	111893.917	16.555	Road Nail
BH103	517474.997	111893.917	17.335	Road Nail
01	517409.157	111791.307	20.108	Retro Target
02	517435.553	111792.511	19.947	Retro Target
03	517457.957	111793.511	19.947	Retro Target
1000	517389.882	111782.721	17.282	Retro Target
BH001	517474.899	111896.611	16.811	Road Nail
BH002	517474.744	111879.586	16.801	Road Nail
BH003	517523.908	111707.556	15.481	Road Nail
BH004	517523.908	111707.556	15.481	Road Nail
BH005	517548.349	111715.380	15.092	Road Nail
BH010	517548.349	111715.380	15.092	Road Nail
BH011	517523.908	111707.556	15.481	Road Nail
BH012	517522.136	111883.274	15.761	Road Nail
BH013	517517.236	111883.274	15.844	Road Nail
BH014	517517.236	111883.274	15.844	Road Nail
BH015	517544.000	111883.956	15.583	Road Nail
BH016	517544.000	111883.956	15.583	Road Nail
BH017	517544.000	111883.978	15.583	Road Nail
BH018	517544.000	111883.978	15.583	Road Nail
BH019	517564.045	111887.133	15.555	Road Nail
BH020	517564.045	111887.133	15.555	Road Nail
BH021	517574.335	111891.210	15.508	Road Nail
BH022	517574.335	111891.210	15.508	Road Nail
BH023	517586.043	111887.133	15.555	Road Nail
BH024	517586.043	111887.133	15.555	Road Nail
BH025	517601.000	111891.210	15.508	Road Nail
BH026	517601.000	111891.210	15.508	Road Nail
BH027	517611.291	111891.688	15.981	Road Nail
BH028	517611.291	111891.688	15.981	Road Nail
BH029	517586.043	111891.558	15.504	Road Nail
BH030	517409.232	111891.918	17.524	Road Nail
01	517409.157	111791.307	20.108	Retro Target
02	517435.553	111792.511	19.947	Retro Target
03	517457.957	111793.511	19.947	Retro Target
04	517560.845	111734.895	15.985	Retro Target
05	517560.845	111734.895	15.985	Retro Target
06	517550.963	111735.963	15.851	Retro Target
07	517609.796	111674.584	16.775	Retro Target
08	517609.796	111674.584	16.775	Retro Target
09	517460.178	111794.145	19.892	Retro Target
10	517471.952	111818.028	19.668	Retro Target
11	517471.952	111818.028	19.668	Retro Target
12	517550.963	111735.963	15.851	Retro Target
13	517550.746	111821.616	19.754	Retro Target
14	517550.746	111821.616	19.754	Retro Target
15	517550.555	111823.578	17.092	Retro Target
16	517527.030	111825.642	17.257	Retro Target
17	517527.030	111825.642	17.257	Retro Target
18	517485.441	111797.033	16.481	Retro Target
19	517485.447	111797.033	16.581	Retro Target
20	517529.057	111789.702	15.499	Retro Target
21	517529.057	111789.702	15.483	Retro Target
22	517523.056	111790.306	15.602	Retro Target
23	517523.056	111790.306	15.602	Retro Target
24	517564.123	111792.007	15.555	Retro Target
25	517564.123	111792.007	15.555	Retro Target
26	517564.122	111805.422	15.268	Retro Target
27	517564.122	111805.422	15.268	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL SURVEY DATA IS RECORDED USING LEICA GNSS RECEIVER.
SITE CENTERED AROUND OSGB GRID & FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	12 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line
- Historical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- Tank * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WTC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV001	517478.899	111896.011	16.811	Road Nail
SV002	517463.298	111871.596	16.848	Road Nail
SV003	517451.158	111852.598	17.044	Road Nail
SV004	517430.552	111818.037	17.046	Road Nail
SV005	517424.210	111807.921	17.030	Road Nail
TP1	517419.511	111800.511	16.733	Retro Target
TP2	517439.987	111788.598	16.149	Retro Target
TP3	517454.980	111779.911	16.149	Retro Target
SV005	517474.883	111767.153	17.268	Road Nail
SV006	517481.562	111757.553	17.268	Road Nail
SV007	517513.908	111741.881	17.481	Road Nail
SV008	517509.969	111731.868	14.536	Road Nail
SV009	517548.348	111712.980	14.092	Road Nail
SV010	517548.949	111712.980	13.092	Road Nail
SV011	517522.721	111723.939	13.270	Road Nail
SV012	517517.501	111826.794	13.271	Road Nail
SV013	517517.501	111826.794	13.884	Road Nail
SV014	517490.530	111826.054	14.246	Road Nail
SV015	517548.101	111826.054	14.246	Road Nail
SV016	517548.101	111853.578	13.969	Road Nail
SV017	517549.969	111871.962	13.969	Road Nail
SV018	517507.969	111871.962	13.969	Road Nail
SV019	517507.969	111852.955	13.969	Road Nail
SV020	517524.713	111907.012	14.048	Road Nail
SV021	517524.713	111907.012	14.048	Road Nail
SV022	517546.065	111969.588	13.869	Road Nail
SV023	517546.065	112007.132	13.763	Road Nail
SV024	517546.065	112007.132	13.763	Road Nail
SV025	517501.459	112021.882	13.809	Road Nail
SV026	517501.459	112021.882	13.809	Road Nail
SV027	517544.244	112063.894	13.391	Road Nail
SV028	517544.244	112063.894	13.391	Road Nail
SV029	517544.043	112204.208	13.604	Road Nail
SV030	517542.610	112274.345	13.604	Road Nail
TP1	517542.610	112274.345	13.604	Retro Target
TP2	517542.610	112274.345	13.604	Retro Target
TP3	517517.738	111689.685	16.267	Retro Target
TP4	517517.738	111689.685	16.267	Retro Target
TP5	517580.136	111774.564	16.701	Retro Target
TP6	517581.830	111776.031	16.716	Retro Target
TP7	517581.830	111776.031	16.716	Retro Target
TP8	517461.753	111890.528	15.869	Retro Target
TP9	517446.538	111890.188	15.597	Retro Target
TP10	517446.538	111890.188	15.597	Retro Target
TP11	517545.144	111831.615	16.774	Retro Target
TP12	517545.580	111831.659	16.946	Retro Target
TP13	517517.738	111689.685	16.267	Retro Target
TP14	517517.738	111689.685	16.267	Retro Target
TP15	517508.485	111819.001	17.283	Retro Target
TP16	517508.485	111819.001	17.283	Retro Target
TP17	517483.647	111823.929	16.381	Retro Target
TP18	517489.826	111823.929	16.206	Retro Target
TP19	517489.826	111823.929	16.206	Retro Target
TP20	517525.577	111780.742	17.453	Retro Target
TP21	517524.574	111749.962	17.453	Retro Target
TP22	517524.574	111749.962	17.453	Retro Target
TP23	517553.078	111741.058	17.607	Retro Target
TP24	517556.109	111774.626	17.732	Retro Target
TP25	517556.109	111774.626	17.732	Retro Target
TP26	517561.122	111830.972	16.787	Retro Target
TP27	517561.122	111830.972	16.787	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED AROUND SV001. NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

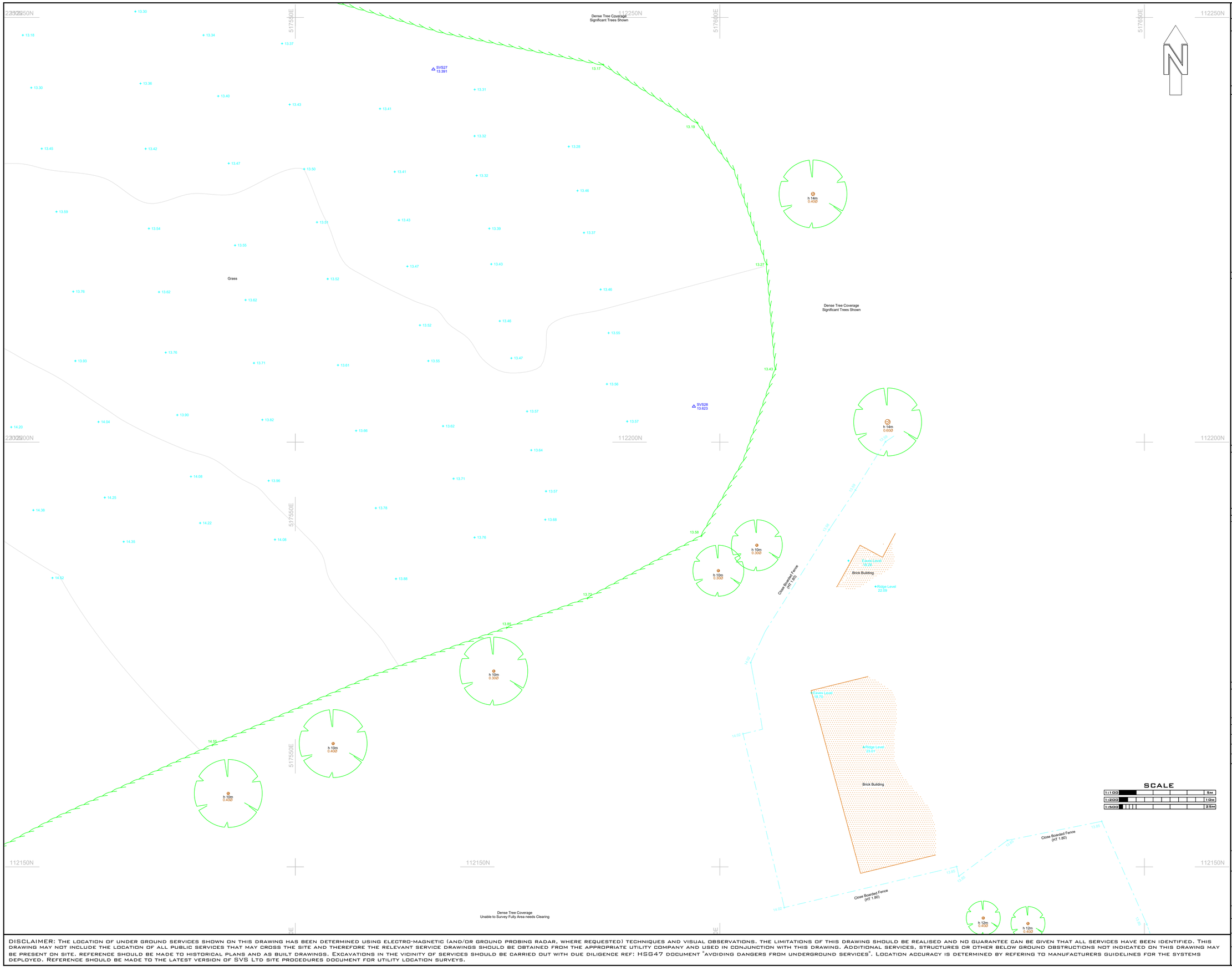
SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	13 OF 18	

SCALE
1:100 5M
1:200 10M
1:500 25M

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

- Survey Station
- Level
- Building
- Canopy
- Fence
- Wall
- Hedge
- Kerb
- Drop Kerb
- Kerb Top
- Manhole
- Verge
- Tree (Shown To Scale)
- Tree Canopy
- Foliage
- Furniture
- Gate
- Step
- Line Markings
- Overheads
- Speed Hump
- Gully Run
- Drainage Channel
- Banks
- Trench Scar
- Contour Major
- Contour Minor
- Foul Drainage
- Surface Drainage
- Combined Drainage
- Electricity
- Electricity High Voltage
- Traffic Signals
- Gas
- Water
- Cable Television
- Close Circuit Television
- Communication
- British Telecom
- Compressed Air
- Offset Fill-Line
- Oil Pipe
- Pipe
- Ventilation
- Fuel Line
- Vapour Recovery
- Gauge Line
- Telemetry
- Fibre Optics
- Unknown
- Overhead Line Historgical by Layer
- End Of Trace
- Do Not Drill / Banded Pipes
- TANK * - W= Water U=Unknown F=Foam P=Product C=Concrete
- Stantion
- Pump Island
- Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK-AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
E/C	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BM001	517478.899	111896.511	16.811	Road Nail
BM0100	517527.754	111754.740	17.810	Road Nail
BM0101	517453.009	111731.596	16.944	Road Nail
BM0102	517429.212	111809.917	17.330	Road Nail
BM0103	517429.212	111809.917	17.330	Road Nail
C1	517404.757	111704.909	20.728	Retco Target
C2	517404.757	111704.909	20.728	Retco Target
C3	517453.566	111731.815	19.047	Retco Target
CP01	517285.882	111887.711	17.284	Retco Target
BM002	517523.908	111731.596	16.944	Road Nail
BM003	517523.908	111731.596	16.944	Road Nail
BM004	517523.908	111731.596	16.481	Road Nail
BM005	517523.908	111731.596	16.481	Road Nail
BM006	517523.908	111731.596	16.481	Road Nail
BM007	517548.564	111753.399	17.792	Road Nail
BM008	517548.564	111753.399	17.792	Road Nail
BM009	517548.564	111753.399	17.792	Road Nail
BM010	517548.564	111753.399	17.792	Road Nail
BM011	517562.593	111804.054	17.686	Road Nail
BM012	517562.593	111804.054	17.686	Road Nail
BM013	517562.593	111804.054	17.686	Road Nail
BM014	517562.593	111804.054	17.686	Road Nail
BM015	517549.869	111831.965	17.869	Road Nail
BM016	517549.869	111831.965	17.869	Road Nail
BM017	517549.869	111831.965	17.869	Road Nail
BM018	517549.869	111831.965	17.869	Road Nail
BM019	517504.715	111897.010	16.069	Road Nail
BM020	517504.715	111897.010	16.069	Road Nail
BM021	517504.715	111897.010	16.069	Road Nail
BM022	517504.715	111897.010	16.069	Road Nail
BM023	517544.043	112087.173	17.755	Road Nail
BM024	517544.043	112087.173	17.755	Road Nail
BM025	517544.043	112087.173	17.755	Road Nail
BM026	517473.201	112251.488	17.409	Road Nail
BM027	517473.201	112251.488	17.981	Road Nail
BM028	517473.201	112251.488	17.981	Road Nail
BM029	517594.943	112434.038	17.603	Road Nail
BM0103	517429.212	111890.918	17.324	Road Nail
T1	517404.757	111704.909	20.728	Retco Target
T10	517554.048	111774.895	15.492	Retco Target
T11	517566.065	111774.895	15.965	Retco Target
T12	517566.065	111774.895	15.965	Retco Target
T13	517593.213	111830.963	15.451	Retco Target
T14	517609.796	111774.564	15.715	Retco Target
T15	517609.796	111774.564	15.715	Retco Target
T16	517640.178	111754.145	15.982	Retco Target
T17	517471.952	111819.028	19.668	Retco Target
T18	517471.952	111819.028	19.668	Retco Target
T19	517568.511	111832.616	15.721	Retco Target
T2	517453.566	111832.616	15.774	Retco Target
T20	517521.744	111832.616	15.774	Retco Target
T21	517521.744	111832.616	15.774	Retco Target
T22	517559.035	111829.578	17.290	Retco Target
T23	517559.035	111829.578	17.290	Retco Target
T24	517527.030	111829.642	17.251	Retco Target
T25	517527.030	111829.642	17.251	Retco Target
T26	517485.447	111797.073	16.871	Retco Target
T27	517485.447	111797.073	16.581	Retco Target
T28	517485.447	111797.073	16.581	Retco Target
T29	517503.553	111796.903	17.458	Retco Target
T3	517453.566	111731.815	19.047	Retco Target
T30	517503.553	111796.903	17.458	Retco Target
T31	517529.074	111796.962	17.463	Retco Target
T32	517529.074	111796.962	17.463	Retco Target
T33	517554.238	111796.626	17.700	Retco Target
T34	517554.238	111796.626	17.700	Retco Target
T35	517554.238	111796.626	17.700	Retco Target
T36	517554.238	111796.626	17.700	Retco Target
T37	517554.123	111803.421	16.256	Retco Target
T38	517554.123	111803.421	16.256	Retco Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. ALL EASTINGS AND NORTHINGS ARE RELATED TO LEICA GNSS RECEIVER SITE CENTERED ARE(UNS.SVS01). NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023
SCALE: 1:200 @A1	SHEET NO: 14 OF 18 REV:

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historgical by Layer
End Of Trace

Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CB	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOCKD CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TDW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
SV001	517478.089	111694.011	16.816	Road Nail
SV002	517429.254	111794.540	17.414	Road Nail
SV003	517429.502	111826.335	17.586	Road Nail
SV004	517430.532	111828.030	17.588	Road Nail
SV5103	517429.212	111893.917	17.535	Road Nail
T1	517455.987	111786.598	19.047	Retro Target
T2	517455.585	111783.317	19.047	Retro Target
SV5101	517479.882	111887.571	17.282	Road Nail
SV5102	517479.862	111876.848	16.766	Road Nail
SV005	517479.862	111876.848	16.766	Road Nail
SV006	517502.868	111775.593	16.395	Road Nail
SV007	517502.865	111775.593	16.397	Road Nail
SV008	517502.865	111775.593	16.397	Road Nail
SV011	517502.939	111775.593	16.470	Road Nail
SV012	517526.156	111668.045	15.781	Road Nail
SV013	517526.156	111668.045	15.781	Road Nail
SV014	517562.753	111603.074	14.884	Road Nail
SV015	517591.590	111867.956	17.319	Road Nail
SV016	517591.590	111867.956	17.319	Road Nail
SV017	517548.948	111817.955	16.983	Road Nail
SV018	517562.073	111817.955	17.123	Road Nail
SV019	517562.073	111817.955	17.123	Road Nail
SV020	517504.153	111907.012	16.068	Road Nail
SV021	517474.805	111896.044	15.864	Road Nail
SV022	517474.805	111896.044	15.864	Road Nail
SV023	517546.243	111877.713	16.760	Road Nail
SV024	517546.243	111877.713	16.760	Road Nail
SV025	517520.265	112021.480	17.606	Road Nail
SV026	517520.265	112021.480	17.606	Road Nail
SV027	517594.943	112094.208	17.623	Road Nail
SV028	517594.943	112094.208	17.623	Road Nail
SV5103	517429.212	111893.917	17.535	Road Nail
T01	517561.038	111721.771	16.492	Retro Target
T02	517561.038	111721.771	16.492	Retro Target
T03	517589.158	111486.480	16.365	Retro Target
T04	517589.017	111730.963	17.451	Retro Target
T05	517589.017	111730.963	17.451	Retro Target
T06	517611.966	111794.145	16.193	Retro Target
T07	517605.178	111794.145	16.193	Retro Target
T08	517442.758	111850.188	15.089	Retro Target
T09	517442.758	111850.188	15.089	Retro Target
T10	517568.537	111832.002	16.725	Retro Target
T11	517568.537	111832.002	16.725	Retro Target
T12	517543.543	111823.659	16.944	Retro Target
T13	517539.055	111823.578	17.092	Retro Target
T14	517539.055	111823.578	17.092	Retro Target
T15	517506.485	111819.511	17.283	Retro Target
T16	517502.411	111819.511	16.477	Retro Target
T17	517502.411	111819.511	16.477	Retro Target
T18	517499.624	111822.923	16.266	Retro Target
T19	517512.583	111804.833	17.458	Retro Target
T20	517512.583	111804.833	17.458	Retro Target
T21	517526.774	111786.962	17.453	Retro Target
T22	517525.638	111764.638	17.750	Retro Target
T23	517525.638	111764.638	17.750	Retro Target
T24	517534.203	111782.057	17.054	Retro Target
T25	517534.203	111782.057	17.054	Retro Target
T26	517554.512	111804.421	16.459	Retro Target
T27	517554.512	111804.421	16.459	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER. COORDINATE GRID IS RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER SITE CENTERED ARGUND SVS01: NO SCALE FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M	
1:200	10M	
1:500	25M	

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

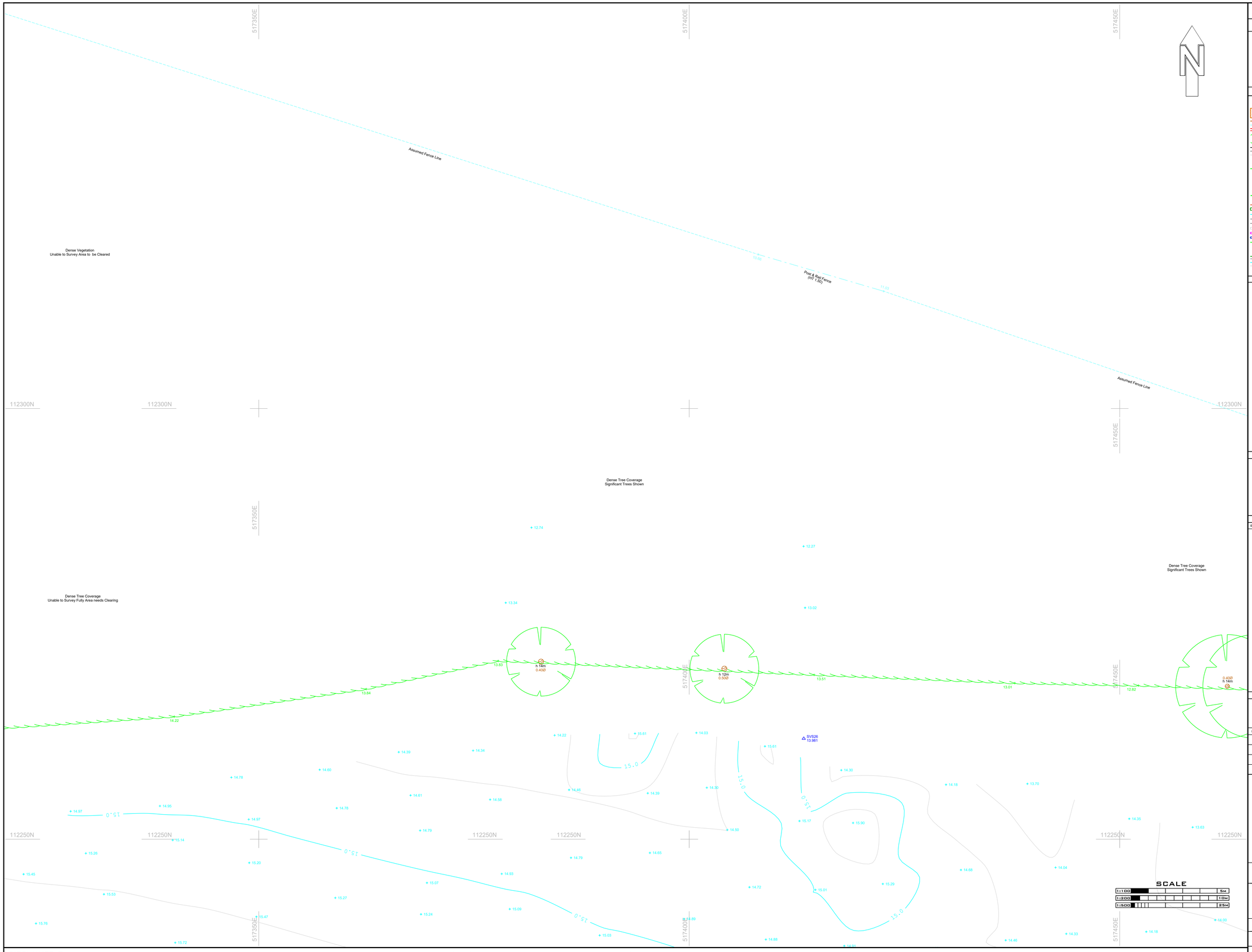
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	15 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT

LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRADE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFO	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV001	517474.899	111896.511	16.811	Road Nail
BV002	517474.744	111874.586	16.811	Road Nail
BV0102	517463.099	111873.596	16.544	Road Nail
BV0103	517463.099	111873.596	16.544	Road Nail
BV0103	517474.157	111850.917	17.535	Road Nail
01	517409.757	111791.307	20.108	Retic Target
02	517435.586	111792.511	19.047	Retic Target
03	517435.586	111792.511	19.047	Retic Target
0400	517389.882	111782.721	17.882	Retic Target
BV002	517474.744	111874.586	16.811	Road Nail
BV003	517523.908	111870.556	15.781	Road Nail
BV003	517523.908	111870.556	15.481	Road Nail
BV004	517548.349	111715.380	15.781	Road Nail
BV005	517548.349	111715.380	15.092	Road Nail
BV010	517548.349	111715.380	15.092	Road Nail
BV011	517548.349	111715.380	15.092	Road Nail
BV012	517523.908	111870.556	15.781	Road Nail
BV013	517617.236	111883.274	15.844	Road Nail
BV014	517617.236	111883.274	15.844	Road Nail
BV015	517591.990	111897.556	15.247	Road Nail
BV016	517544.201	111853.178	15.583	Road Nail
BV017	517544.201	111853.178	15.583	Road Nail
BV018	517567.965	111897.556	15.247	Road Nail
BV019	517574.736	111909.310	14.908	Road Nail
BV020	517574.736	111909.310	14.908	Road Nail
BV021	517474.899	111896.511	16.811	Road Nail
BV022	517474.899	111896.511	16.811	Road Nail
BV023	517586.043	111887.133	14.765	Road Nail
BV024	517586.043	111887.133	14.765	Road Nail
BV025	517605.057	111921.088	14.380	Road Nail
BV026	517605.057	111921.088	14.380	Road Nail
BV027	517574.736	111909.310	14.908	Road Nail
BV028	517586.043	111887.133	14.765	Road Nail
BV029	517605.057	111921.088	14.380	Road Nail
BV0103	517409.210	111893.918	17.524	Road Nail
01	517409.210	111893.918	17.524	Retic Target
02	517560.586	111754.955	15.985	Retic Target
03	517560.586	111754.955	15.985	Retic Target
04	517550.153	111874.984	15.451	Retic Target
05	517550.153	111874.984	15.451	Retic Target
06	517609.796	111874.584	14.775	Retic Target
07	517609.796	111874.584	14.775	Retic Target
08	517640.178	111734.145	15.180	Retic Target
09	517471.452	111818.028	15.668	Retic Target
010	517471.452	111818.028	15.668	Retic Target
011	517560.586	111754.955	15.985	Retic Target
012	517550.153	111874.984	15.451	Retic Target
013	517550.153	111874.984	15.451	Retic Target
014	517609.796	111874.584	14.775	Retic Target
015	517609.796	111874.584	14.775	Retic Target
016	517640.178	111734.145	15.180	Retic Target
017	517471.452	111818.028	15.668	Retic Target
018	517560.586	111754.955	15.985	Retic Target
019	517550.153	111874.984	15.451	Retic Target
020	517609.796	111874.584	14.775	Retic Target
021	517640.178	111734.145	15.180	Retic Target
022	517471.452	111818.028	15.668	Retic Target
023	517485.447	111797.033	15.581	Retic Target
024	517485.447	111797.033	15.581	Retic Target
025	517529.057	111769.702	15.483	Retic Target
026	517529.057	111769.702	15.483	Retic Target
027	517523.058	111760.206	15.809	Retic Target
028	517523.058	111760.206	15.809	Retic Target
029	517554.123	111809.427	15.248	Retic Target
030	517554.123	111809.427	15.248	Retic Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL DIMENSIONS ARE IN METRES USING LEICA GNSS RECEIVER.
SITE CENTERED AROUND SV50 1.00 GRID FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

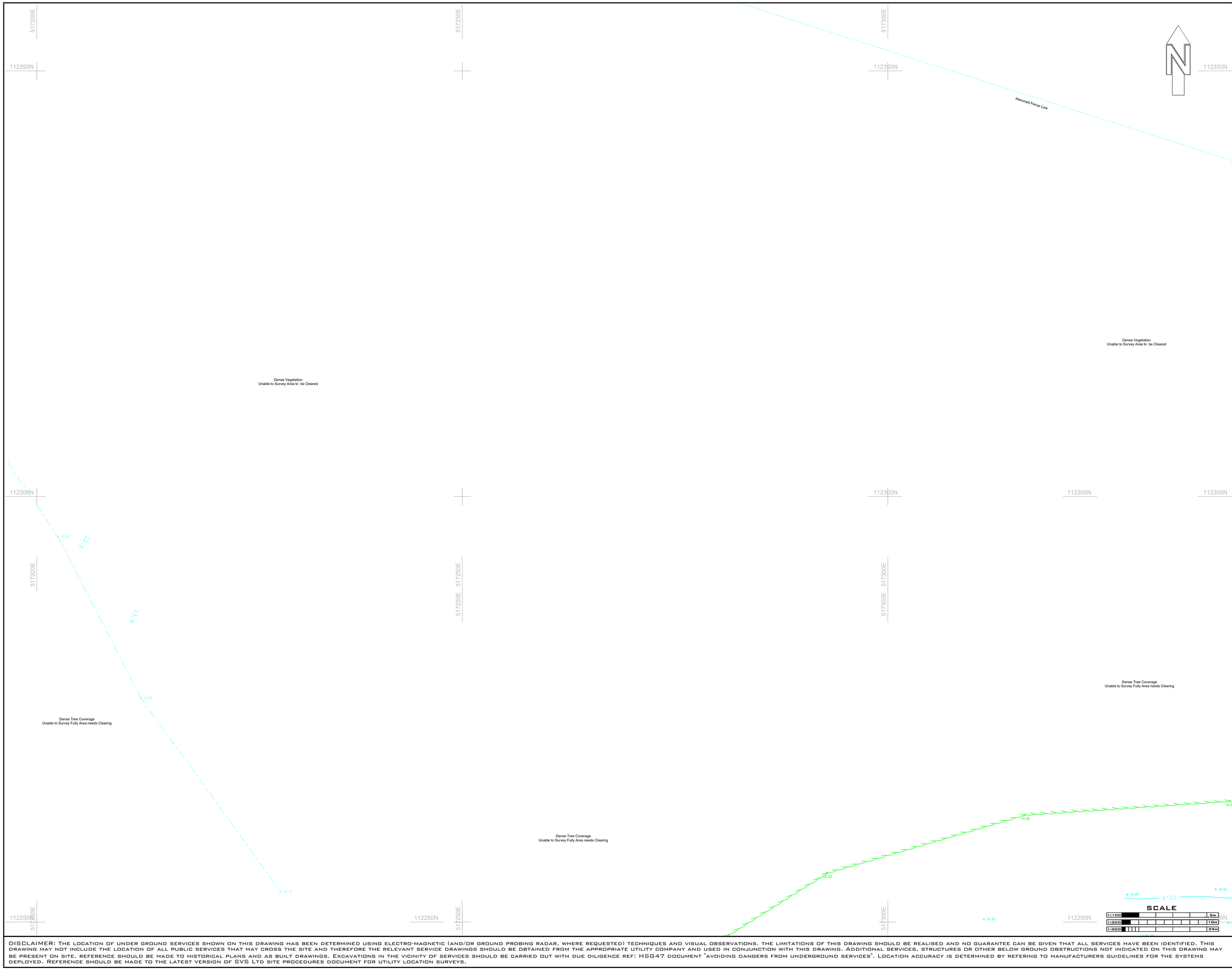
DRAWING TITLE:
2D Topographical & PAS128 Drawing

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	16 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

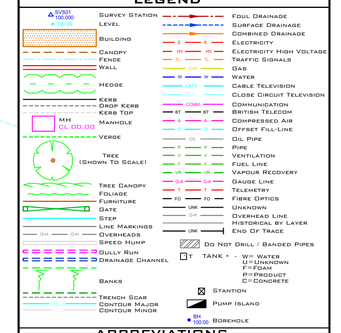


THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND



ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TFR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WFC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BV001	517474.899	111896.511	16.811	Road Nail
BV002	517474.744	111896.796	17.021	Road Nail
BV0102	517483.099	111873.596	16.544	Road Nail
BV0103	517479.058	111870.196	16.524	Road Nail
BV0103	517479.058	111870.917	17.335	Road Nail
01	517409.157	111791.307	20.108	Retro Target
02	517435.586	111792.215	19.047	Retro Target
03	517435.586	111792.215	19.047	Retro Target
1000	517389.882	111782.721	17.282	Retro Target
BV002	517389.882	111782.721	17.282	Retro Target
BV003	517523.908	111707.556	15.481	Road Nail
BV003	517523.908	111707.556	15.481	Road Nail
BV004	517548.349	111715.380	15.092	Road Nail
BV010	517548.349	111715.380	15.092	Road Nail
BV011	517567.236	111683.274	15.841	Road Nail
BV012	517567.236	111683.274	15.841	Road Nail
BV013	517590.090	111693.956	15.844	Road Nail
BV013	517590.090	111693.956	15.844	Road Nail
BV016	517544.202	111653.178	15.583	Road Nail
BV016	517544.202	111653.178	15.583	Road Nail
BV018	517564.043	111663.910	15.592	Road Nail
BV018	517564.043	111663.910	15.592	Road Nail
BV019	517574.350	111697.222	16.008	Road Nail
BV021	517547.800	111681.111	15.881	Road Nail
BV021	517547.800	111681.111	15.881	Road Nail
BV023	517586.043	111687.133	15.765	Road Nail
BV024	517600.615	111697.153	15.980	Road Nail
BV025	517611.201	111701.688	15.986	Road Nail
BV026	517611.201	111701.688	15.986	Road Nail
BV028	517564.448	111654.238	15.823	Road Nail
BV0103	517479.210	111870.918	17.524	Road Nail
01	517409.157	111791.307	20.108	Retro Target
02	517435.586	111792.215	19.047	Retro Target
03	517560.845	111734.895	15.985	Retro Target
04	517550.613	111730.963	15.851	Retro Target
05	517550.613	111730.963	15.851	Retro Target
06	517609.796	111674.564	16.775	Retro Target
07	517640.578	111694.145	15.882	Retro Target
08	517471.952	111818.028	15.668	Retro Target
09	517568.537	111832.902	16.525	Retro Target
010	517568.537	111832.902	16.525	Retro Target
011	517555.746	111821.616	16.754	Retro Target
012	517555.746	111821.616	16.754	Retro Target
013	517539.055	111823.578	17.092	Retro Target
014	517521.030	111825.642	17.257	Retro Target
015	517521.030	111825.642	17.257	Retro Target
016	517500.411	111827.911	16.470	Retro Target
017	517485.447	111797.025	16.581	Retro Target
018	517512.503	111808.459	15.499	Retro Target
019	517512.503	111808.459	15.499	Retro Target
020	517529.637	111795.702	15.483	Retro Target
021	517529.637	111795.702	15.483	Retro Target
022	517523.058	111744.838	17.702	Retro Target
023	517523.058	111740.206	17.609	Retro Target
024	517523.058	111740.206	17.609	Retro Target
025	517564.253	111742.001	16.268	Retro Target
026	517564.122	111809.427	16.268	Retro Target
027	517567.012	111809.427	16.268	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL SURVEY DATA IS COLLECTED USING A LEICA GNSS RECEIVER.
SITE CENTERED AROUND OSGB GRID & FACTOR APPLIED.

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

SCALE

1:100	5M
1:200	10M
1:500	25M

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
STEYNING GRAMMAR SCHOOL
SHOOTING FIELD, STEYNING
BN44 3RX

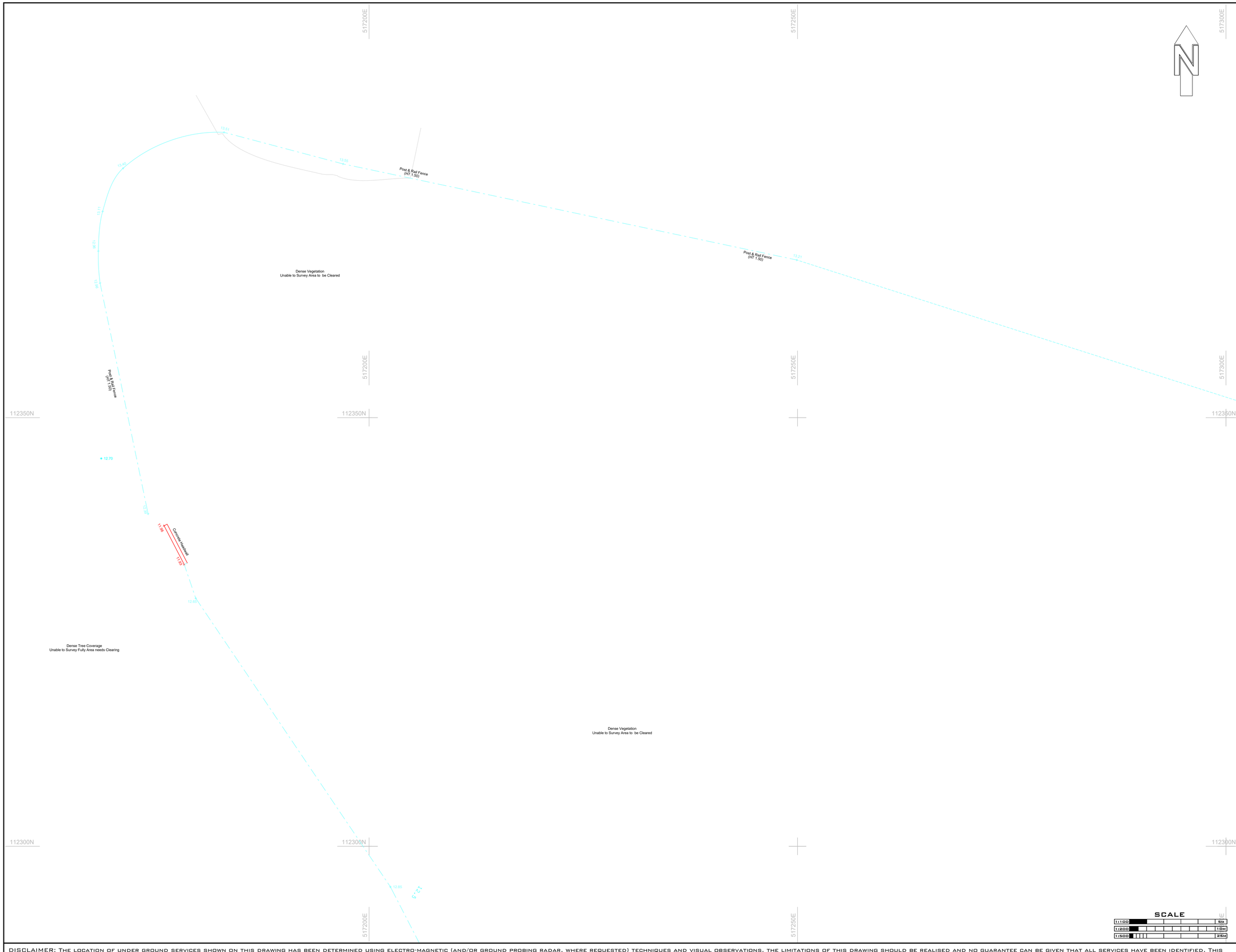
DRAWING TITLE:
2D TOPOGRAPHICAL & PAS128 DRAWING

SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	17 OF 18	

DISCLAIMER: THE LOCATION OF UNDER GROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN DETERMINED USING ELECTRO-MAGNETIC (AND/OR GROUND PROBING RADAR, WHERE REQUESTED) TECHNIQUES AND VISUAL OBSERVATIONS. THE LIMITATIONS OF THIS DRAWING SHOULD BE REALISED AND NO GUARANTEE CAN BE GIVEN THAT ALL SERVICES HAVE BEEN IDENTIFIED. THIS DRAWING MAY NOT INCLUDE THE LOCATION OF ALL PUBLIC SERVICES THAT MAY CROSS THE SITE AND THEREFORE THE RELEVANT SERVICE DRAWINGS SHOULD BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANY AND USED IN CONJUNCTION WITH THIS DRAWING. ADDITIONAL SERVICES, STRUCTURES OR OTHER BELOW GROUND OBSTRUCTIONS NOT INDICATED ON THIS DRAWING MAY BE PRESENT ON SITE. REFERENCE SHOULD BE MADE TO HISTORICAL PLANS AND AS BUILT DRAWINGS. EXCAVATIONS IN THE VICINITY OF SERVICES SHOULD BE CARRIED OUT WITH DUE DILIGENCE REF: HSG47 DOCUMENT "AVOIDING DANGERS FROM UNDERGROUND SERVICES". LOCATION ACCURACY IS DETERMINED BY REFERING TO MANUFACTURERS GUIDELINES FOR THE SYSTEMS DEPLOYED. REFERENCE SHOULD BE MADE TO THE LATEST VERSION OF SVS LTD SITE PROCEDURES DOCUMENT FOR UTILITY LOCATION SURVEYS.



THE NAME IN SURVEYS

SHEET LAYOUT



LEGEND

Survey Station
Level
Building
Canopy
Fence
Wall
Hedge
Kerb
Drop Kerb
Kerb Top
Manhole
Verge
Tree (Shown To Scale)
Tree Canopy
Foliage
Furniture
Gate
Step
Line Markings
Overheads
Speed Hump
Gully Run
Drainage Channel
Banks
Trench Scar
Contour Major
Contour Minor

Foul Drainage
Surface Drainage
Combined Drainage
Electricity
Electricity High Voltage
Traffic Signals
Gas
Water
Cable Television
Close Circuit Television
Communication
British Telecom
Compressed Air
Offset Fill-Line
Oil Pipe
Pipe
Ventilation
Fuel Line
Vapour Recovery
Gauge Line
Telemetry
Fibre Optics
Unknown
Overhead Line
Historgical by Layer
End Of Trace
Do Not Drill / Banded Pipes
Tank - W= Water U=Unknown F=Foam P=Product C=Concrete
Stantion
Pump Island
Borehole

ABBREVIATIONS

A/C	AIR CONDITIONER	OH	OVERHEAD
A/R	ASSUMED ROUTE	OSA	OFF SURVEY AREA
AV	AIR VALVE	OSBM	ORDNANCE SURVEY BENCH MARK
BOLL	BOLLARD	PL	PIT LEVEL
ILLU BOLL	ILLUMINOUS BOLLARD	PR	PIPE RISER
BB	BELISHA BEACON	P&R FENCE	POST & RAIL FENCE
BH	BOREHOLE	RWL	RETAINING WALL
BS	BUS STOP	RE	RODDING EYE
BTIC	BRITISH TELECOM COVER	RS	ROAD SIGN
C/BOX	CONTROL BOX	RWP	RAIN WATER PIPE
CR	CABLE RISER	S/A	SOAK AWAY
CTV	CABLE TV	SAP	SAPLING
CP	CATCHPIT	S/C	SOUND CONNECTED
CONC	CONCRETE	SEC FENCE	SECURITY FENCE
CL	COVER LEVEL	SL	SPOT LIGHT
D	DEPTH / DEEP	SP	SOIL PIPE
D/CHAN	DRAINAGE CHANNEL	ST	STOP TAP
DP	DOWN PIPE	STN	STATION (DATUM POINT)
EIC	ELECTRICITY COVER	SV	STOP VALVE
ER	EARTH ROD	SVP	SOIL VENT PIPE
EP	ELECTRICITY POLE	TBM	TEMPORARY BENCH MARK
EOT	END OF TRACE	TCL	TREE CANOPY LEVEL
FFL	FINISHED FLOOR LEVEL	TOW	TOP OF WALL LEVEL
F/BED	FLOWER BED	TPR	TAKEN FROM RECORDS
FH	FIRE HYDRANT	THL	THRESHOLD LEVEL
FS	FIRE SWITCH	TL	TRAFFIC LIGHT
GV	GAS VALVE	TP	TELEGRAPH POLE
G	GULLY	TP&R	TIMBER POST & RAIL
G-RUN	GULLY RUN	UTL	UNABLE TO LOCATE
HT	HEIGHT	UTR	UNABLE TO RAISE
IC	INSPECTION COVER	UTS	UNABLE TO SURVEY
IL	INVERT LEVEL	UTT	UNABLE TO TRACE
I/R	IRON RAILING FENCE	VR	VAPOUR RECOVERY
KO	KERB OUTLET	VP	VENT PIPE
LB	LETTER BOX	WM	WATER METER
LP	LAMP POST	WO	WASH OUT
MB	MULTI-BOLE	WTC	WATER FILLED CHAMBER
MH	MANHOLE	WP	WASTE PIPE
MKR	MARKER	U/S	UNDERSIDE
MTR	METER	Ø	DIAMETER
MW	MONITORING WELL		

UTILITY NOTES

STATION COORDINATES

STATION	EASTINGS	NORTHINGS	LEVEL	DESCRIPTION
BH001	517474.899	111896.011	16.811	Road Nail
BH002	517474.744	111876.196	17.021	Road Nail
BH101	517483.099	111871.196	16.544	Road Nail
BH102	517479.099	111863.196	16.544	Road Nail
BH103	517474.199	111855.917	17.335	Road Nail
01	517409.157	111791.307	20.108	Retro Target
02	517435.586	111792.511	19.047	Retro Target
03	517470.565	111793.215	19.047	Retro Target
1000	517389.882	111782.721	17.282	Retro Target
BH001	517523.908	111707.556	15.481	Road Nail
BH002	517523.908	111707.556	15.481	Road Nail
BH003	517523.908	111707.556	15.481	Road Nail
BH004	517523.908	111707.556	15.481	Road Nail
BH005	517548.349	111715.380	15.092	Road Nail
BH006	517548.349	111715.380	15.092	Road Nail
BH007	517548.349	111715.380	15.092	Road Nail
BH008	517562.236	111883.274	15.861	Road Nail
BH009	517562.236	111883.274	15.844	Road Nail
BH010	517562.236	111883.274	15.844	Road Nail
BH011	517562.236	111883.274	15.844	Road Nail
BH012	517562.236	111883.274	15.844	Road Nail
BH013	517562.236	111883.274	15.844	Road Nail
BH014	517562.236	111883.274	15.844	Road Nail
BH015	517590.090	111897.556	15.583	Road Nail
BH016	517544.202	111853.178	15.583	Road Nail
BH017	517544.202	111853.178	15.583	Road Nail
BH018	517544.202	111853.178	15.583	Road Nail
BH019	517574.935	111907.333	15.509	Road Nail
BH020	517574.935	111907.333	15.509	Road Nail
BH021	517574.935	111907.333	15.509	Road Nail
BH022	517574.935	111907.333	15.509	Road Nail
BH023	517586.043	111887.133	14.955	Road Nail
BH024	517586.043	111887.133	14.955	Road Nail
BH025	517586.043	111887.133	14.955	Road Nail
BH026	517574.201	111931.688	14.980	Road Nail
BH027	517574.201	111931.688	14.980	Road Nail
BH028	517574.201	111931.688	14.980	Road Nail
BH029	517594.943	111894.258	12.623	Road Nail
BH030	517594.943	111894.258	12.623	Road Nail
BH103	517409.210	111891.918	17.524	Road Nail
01	517560.586	111734.895	15.985	Retro Target
02	517560.586	111734.895	15.985	Retro Target
03	517560.586	111734.895	15.985	Retro Target
04	517550.963	111730.963	15.451	Retro Target
05	517550.963	111730.963	15.451	Retro Target
06	517609.796	111774.564	16.775	Retro Target
07	517609.796	111774.564	16.775	Retro Target
08	517640.178	111794.145	15.692	Retro Target
09	517471.952	111818.028	15.668	Retro Target
10	517471.952	111818.028	15.668	Retro Target
11	517560.586	111734.895	15.985	Retro Target
12	517550.746	111731.616	15.774	Retro Target
13	517609.796	111774.564	16.775	Retro Target
14	517539.035	111823.078	15.090	Retro Target
15	517537.430	111825.642	15.257	Retro Target
16	517537.430	111825.642	15.257	Retro Target
17	517502.811	111813.911	14.470	Retro Target
18	517485.447	111797.023	14.581	Retro Target
19	517512.563	111808.459	15.499	Retro Target
20	517512.563	111808.459	15.499	Retro Target
21	517529.637	111795.702	15.483	Retro Target
22	517529.637	111795.702	15.483	Retro Target
23	517523.058	111744.838	17.502	Retro Target
24	517523.058	111740.206	17.609	Retro Target
25	517523.058	111740.206	17.609	Retro Target
26	517554.233	111742.001	16.264	Retro Target
27	517547.122	111809.422	16.268	Retro Target
28	517547.122	111809.422	16.268	Retro Target

TOPOGRAPHICAL NOTES

ALL LEVELS ARE IN METRES RELATED TO OSGB36 DATUM USING LEICA GNSS RECEIVER.
ALL DETAIL SURVEYED USING LEICA GNSS RECEIVER AND LEICA GNSS RECEIVER
SITE CENTERED ARCLINE GVSS11 HD GRID FACTOR APPLIED

TREE SPECIES ARE INDICATED WHERE KNOWN HOWEVER IT IS RECOMMENDED THAT EXPERT IDENTIFICATION IS CONSULTED IF CRITICAL.

REV	DATE		DESCRIPTION

CLIENT: ARCADIS — Design & Consultancy for natural and built assets

SITE LOCATION:
Steyning Grammar School
Shooting Field, Steyning
BN44 3RX

DRAWING TITLE:
2D Topographical & PAS128 Drawing

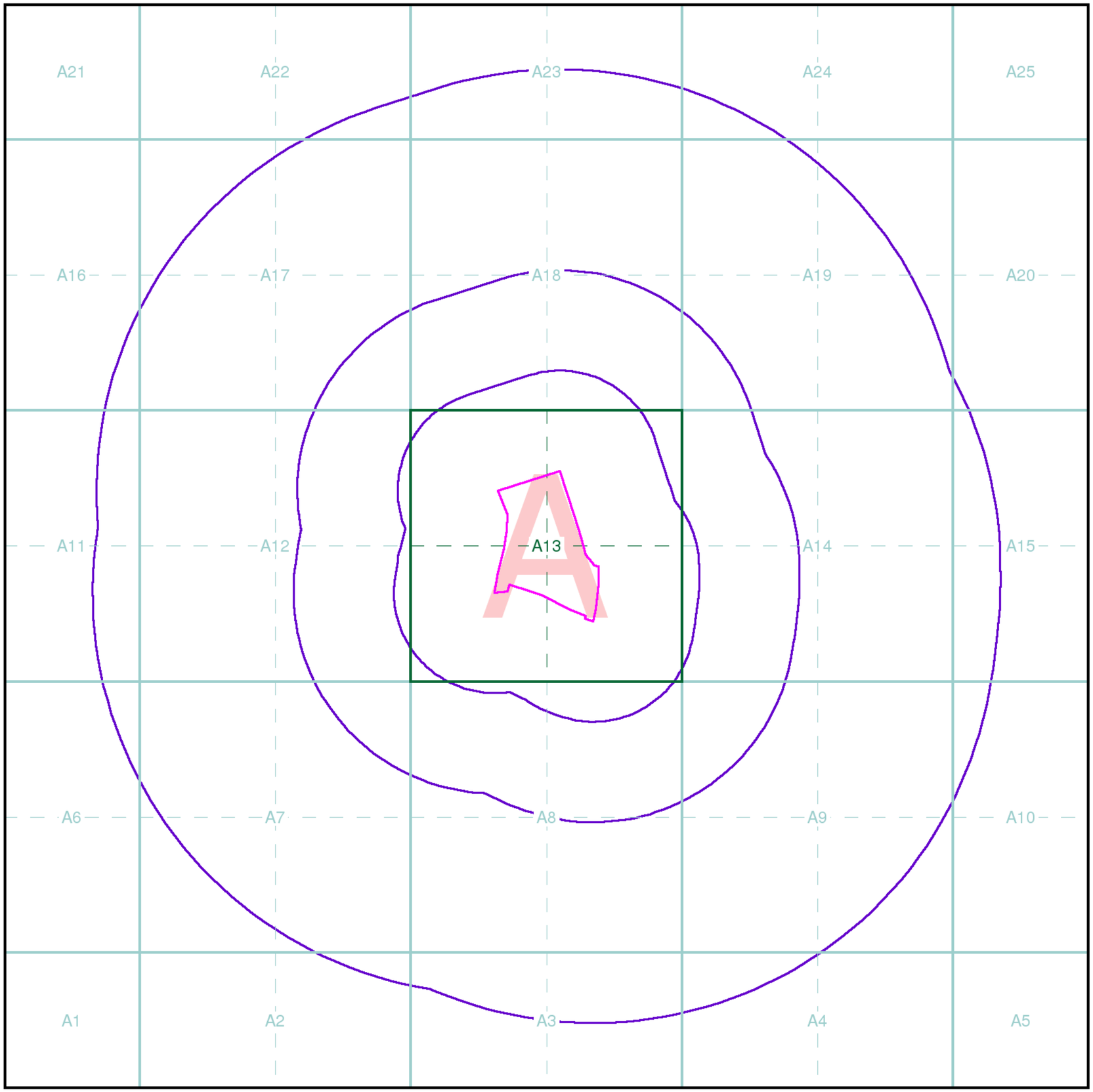
SURVEYED BY:	DRAWN BY:	APPROVED BY:
SM	SM	SF/NC

DRAWING NO:	SURVEY DATE:
1222-ARC-15641	03-01-2023

SCALE:	SHEET NO:	REV:
1:200 @A1	18 OF 18	

DISCLAIMER: The location of under ground services shown on this drawing has been determined using electro-magnetic (and/or ground probing radar, where requested) techniques and visual observations. The limitations of this drawing should be realised and no guarantee can be given that all services have been identified. This drawing may not include the location of all public services that may cross the site and therefore the relevant service drawings should be obtained from the appropriate utility company and used in conjunction with this drawing. Additional services, structures or other below ground obstructions not indicated on this drawing may be present on site. Reference should be made to historical plans and as built drawings. Excavations in the vicinity of services should be carried out with due diligence ref: HSG47 document "avoiding dangers from underground services". Location accuracy is determined by referring to manufacturers guidelines for the systems deployed. Reference should be made to the latest version of SVS Ltd site procedures document for utility location surveys.

Appendix D – Landmark Flood Screening Report



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Envirocheck reports are compiled from 136 different sources of data.

Prepared For

Tony Coward
BAM Construction Ltd
Breakspear Park
Hemel Hempstead
Hertfordshire
HP2 4FL

Client Details

Mr M Di Palma, CTP, Sufflok House, 154 High Street, Sevenoaks, Kent, TN4 9PT

Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111830
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX

Full Terms and Conditions can be found on the following link:
http://www.landmarkinfo.co.uk/Terms/Show/515

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



ctp consulting engineers

EA/NRW Flood Data Map (1:10,000)

General

- ⬠ Specified Site
- ⬠ Specified Buffer(s)
- X Bearing Reference Point

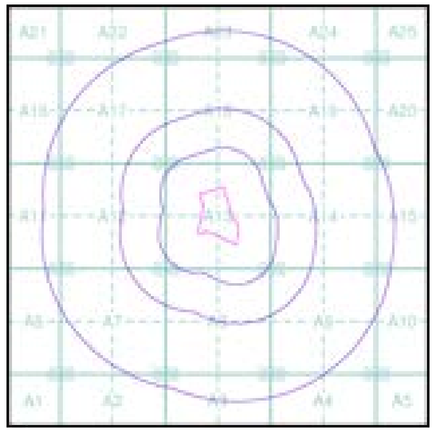
Flood Data

- 🟦 Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- 🟦 Flooding from Rivers or Sea without Defences (Zone 3)
- ▨ Area Benefiting from Flood Defence
- 🟪 Flood Water Storage Areas
- -·- Flood Defence

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- Mean Low Water
- Mean High Water

EA/NRW Flood Data Map - Slice A





Order Details

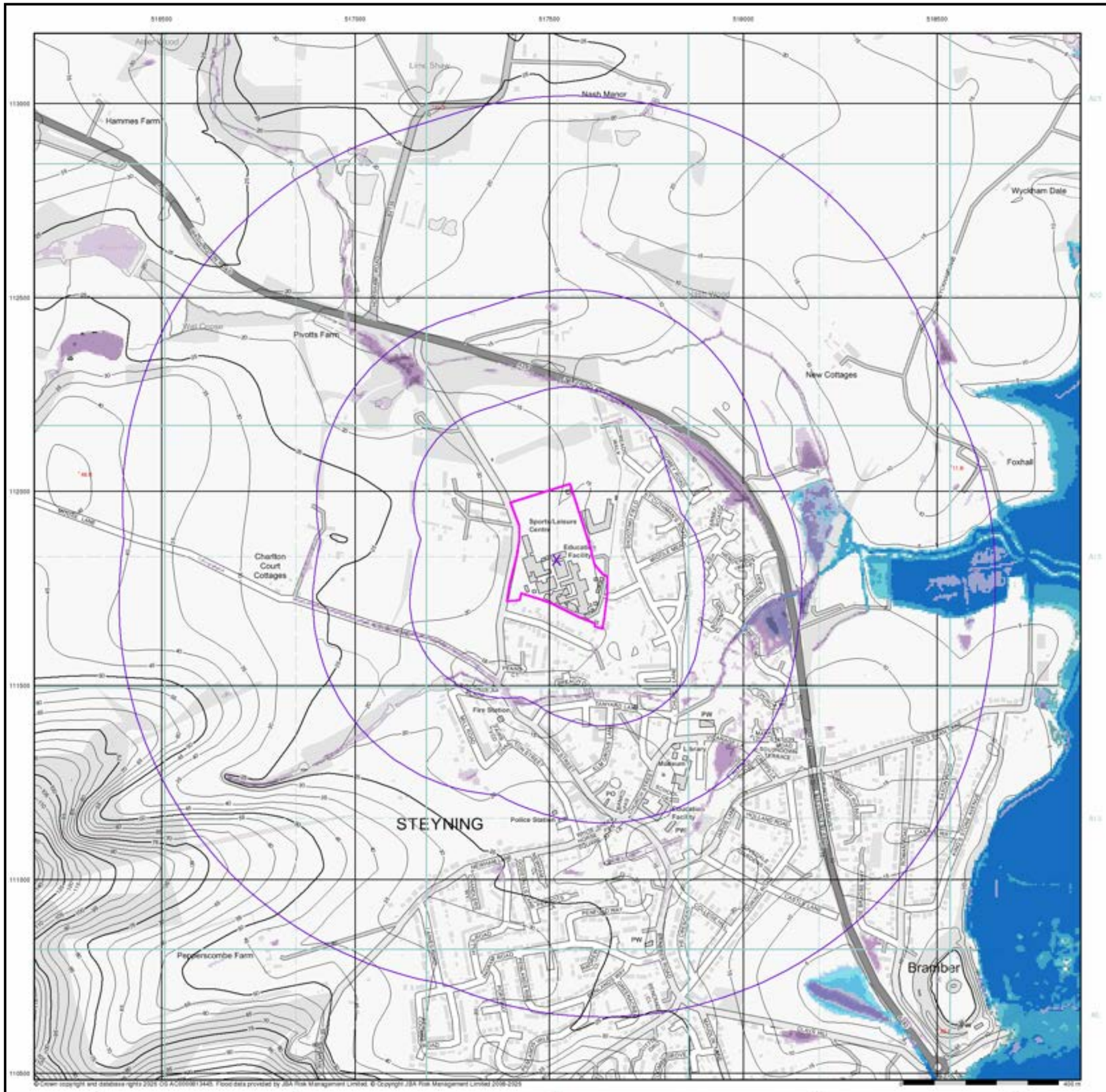
Order Number: 395429670_1_1
Customer Ref: B1641
National Grid Reference: 517520, 111820
Slice: A
Site Area (Ha): 6.03
Search Buffer (m): 1000

Site Details

Steyning Grammar School, Upper School, Shooting Field,
Steyning, BN44 3RX

Landmark INFORMATION GROUP

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Web: www.envirocheck.co.uk



consulting engineers

JBA 75 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

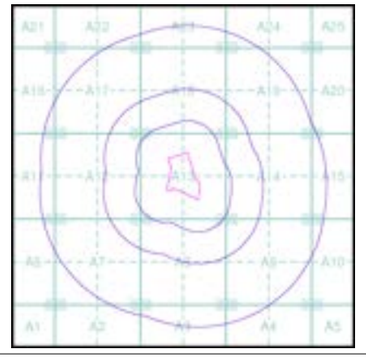
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

JBA 75 Year Return Flood Map (Undefended) - Slice A

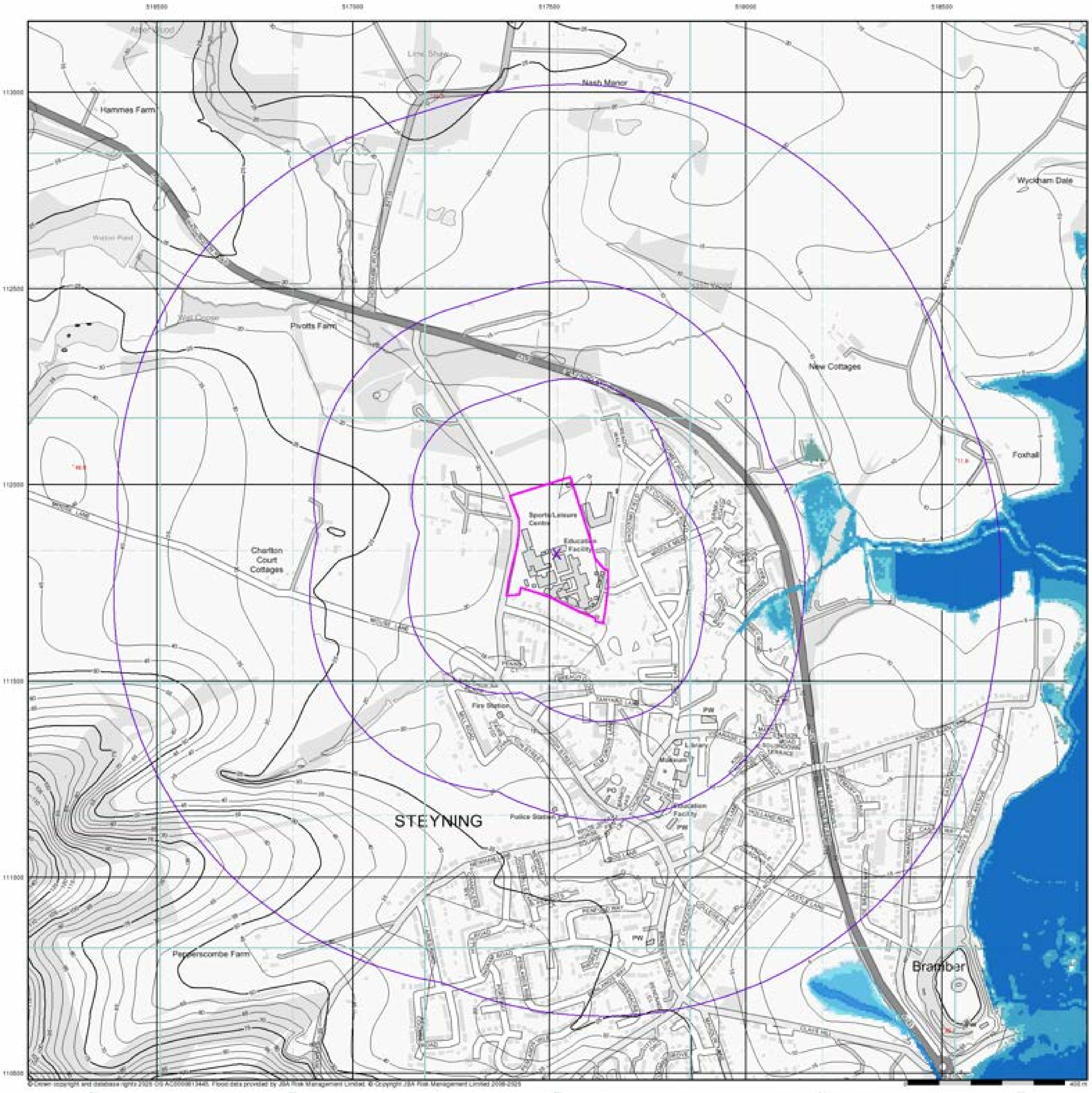


Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



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JBA 100 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Modelled Flood Depth

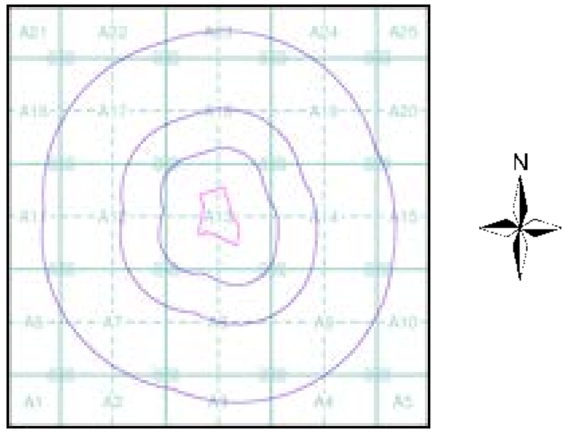
Fluvial Depth		Coastal Depth	
🟦	0.01m - 0.05m	🟩	0.01m - 0.05m
🟦	0.05m - 0.1m	🟩	0.05m - 0.1m
🟦	0.1m - 0.3m	🟩	0.1m - 0.3m
🟦	0.3m - 1m	🟩	0.3m - 1m
🟦	>1m	🟩	>1m

Contours (height in metres)

Standard Contour — 105
Master Contour — 100 95
Spot Height — 187.6

Mean Low Water
Mean High Water

JBA 100 Year Return Flood Map (Undefended) - Slice A



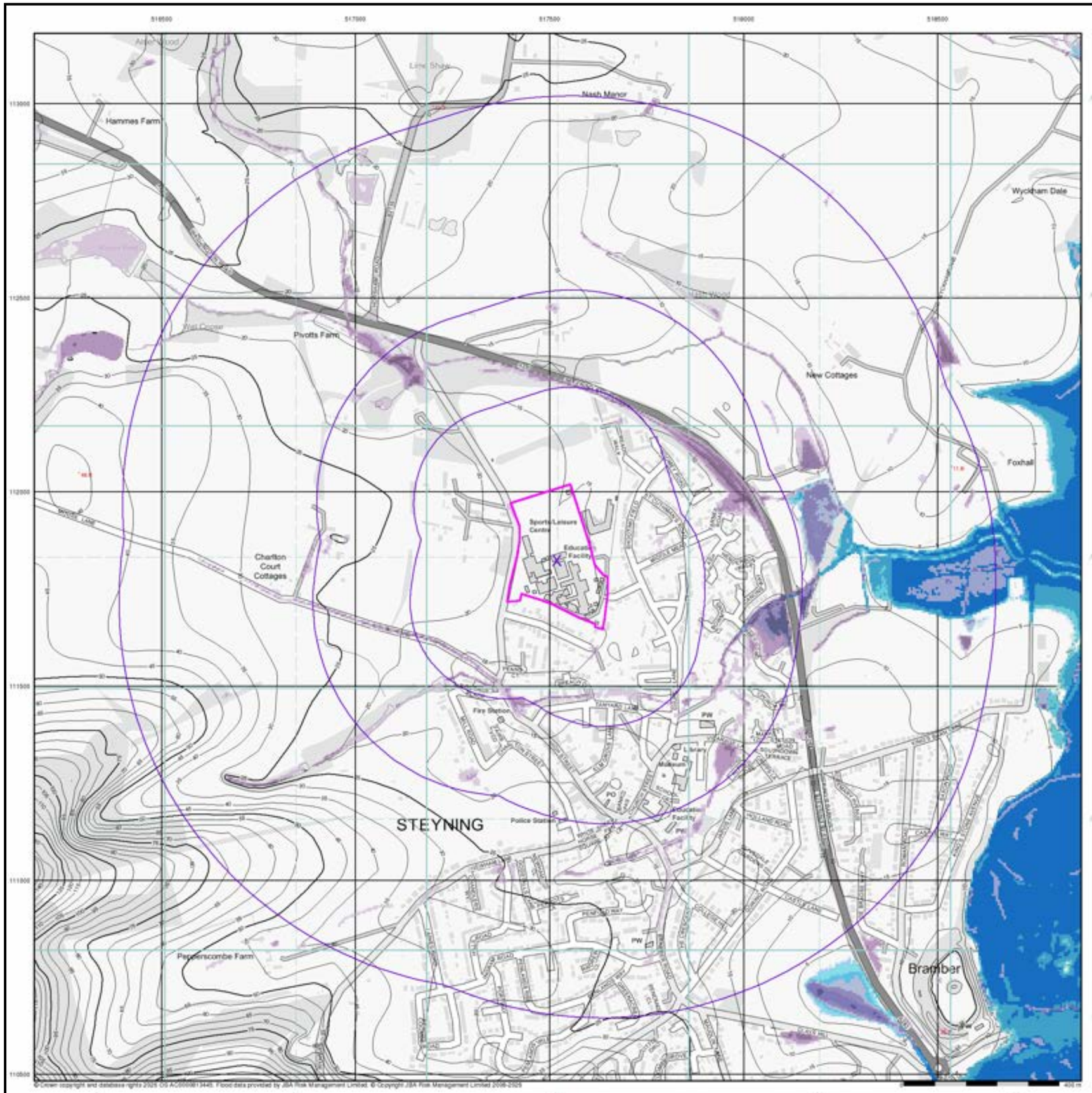
Order Details

Order Number: 395429670_1_1
Customer Ref: B1641
National Grid Reference: 517520, 111820
Slice: A
Site Area (Ha): 6.03
Search Buffer (m): 1000

Site Details

Steyning Grammar School, Upper School, Shooting Field,
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JBA 200 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

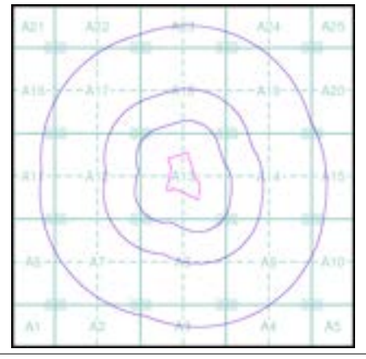
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

JBA 200 Year Return Flood Map (Undefended) - Slice A

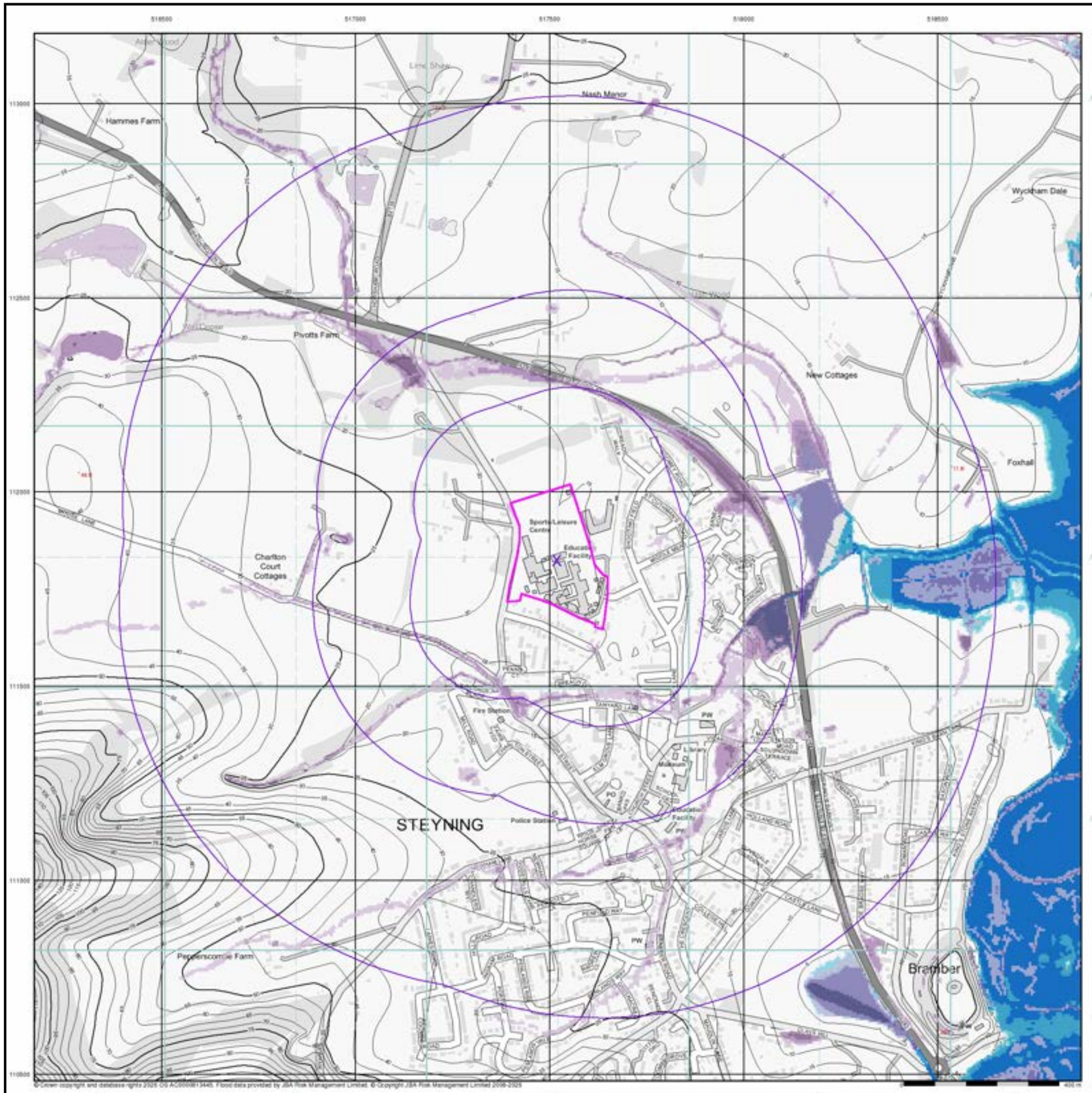


Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



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JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

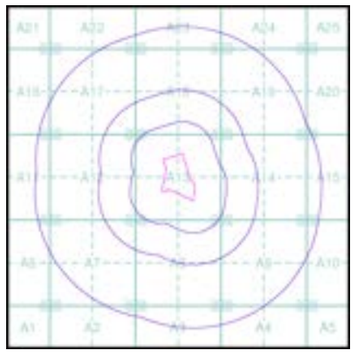
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
0.1m	0.01m - 0.05m	0.01m - 0.05m
0.1m - 0.3m	0.05m - 0.1m	0.05m - 0.1m
0.3m - 1m	0.1m - 0.3m	0.1m - 0.3m
>1m	0.3m - 1m	0.3m - 1m
	>1m	>1m

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHW Mean High Water

JBA 1000 Year Return Flood Map (Undefended) - Slice A



N

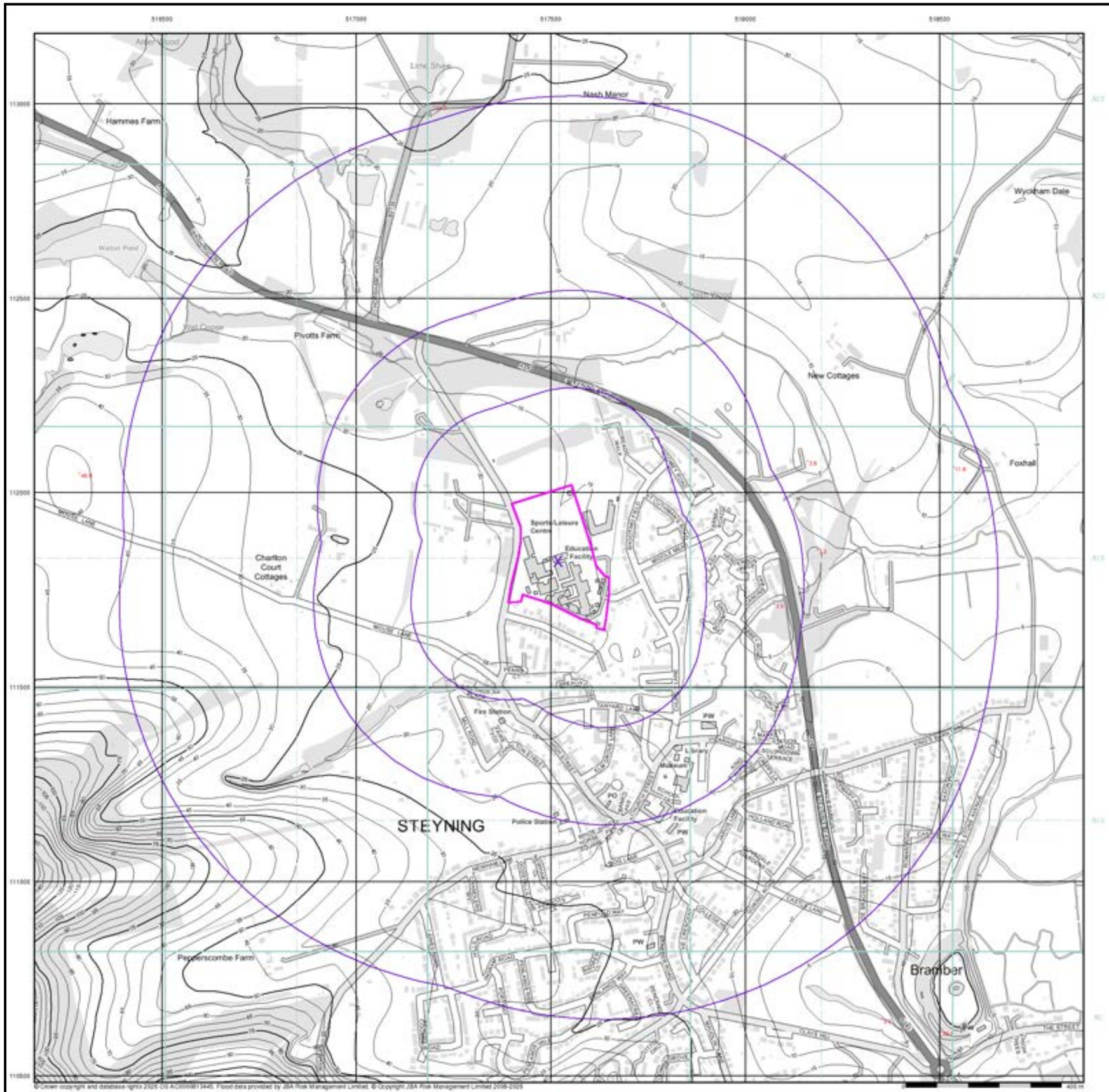
Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX

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Web: www.envirocheck.co.uk



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JBA Canal Failure Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

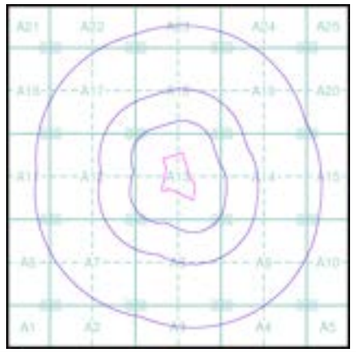
Flood Data

- Canal Failure
- Coverage

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW — Mean Low Water
- MHW — Mean High Water

JBA Canal Failure Flood Map - Slice A

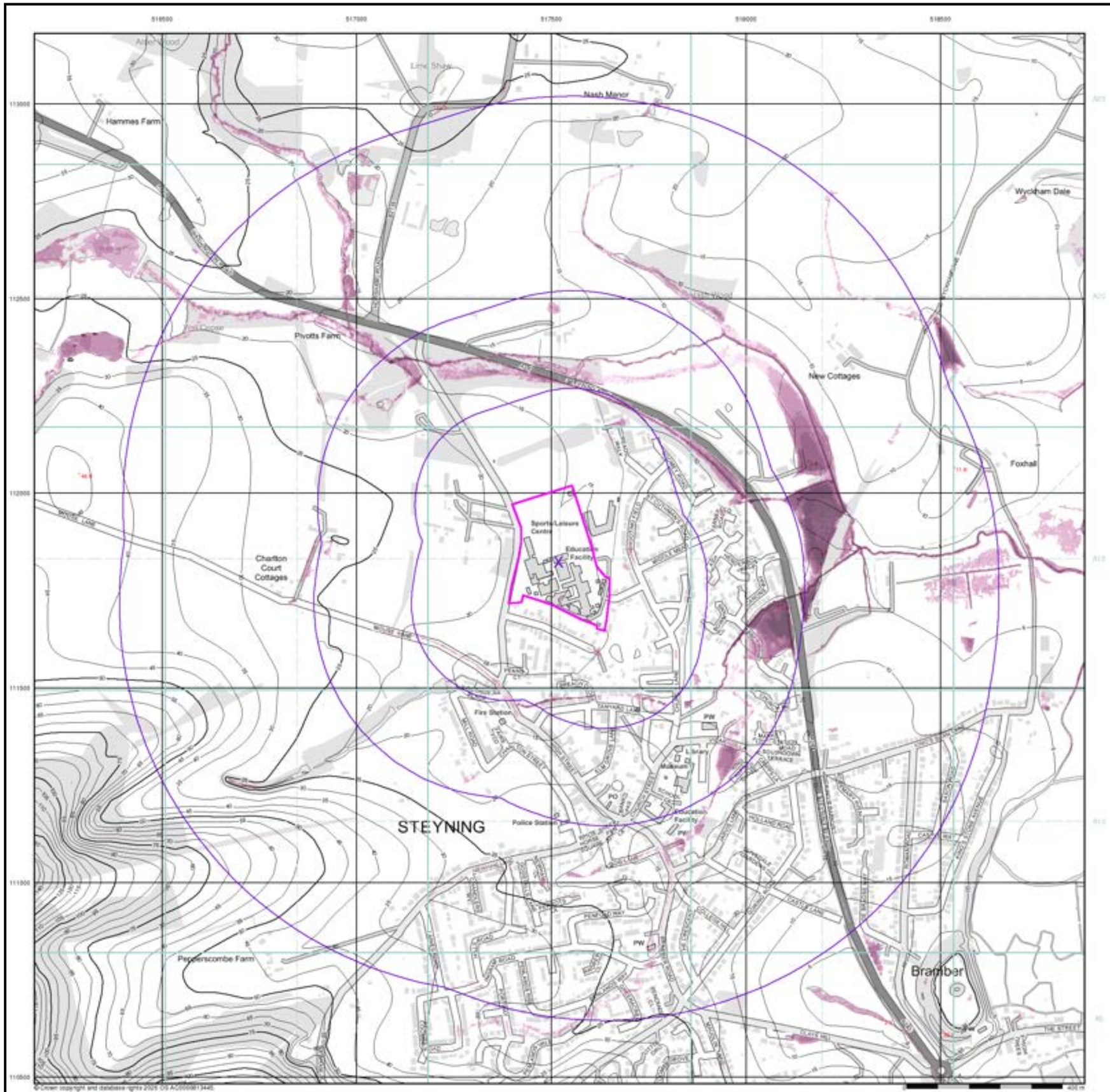


Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



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EA/NRW Surface Water 30 Year Return Depth Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

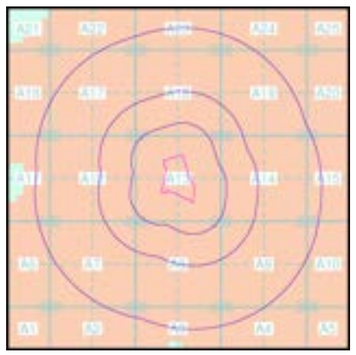
Mean Low Water | Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



Order Details

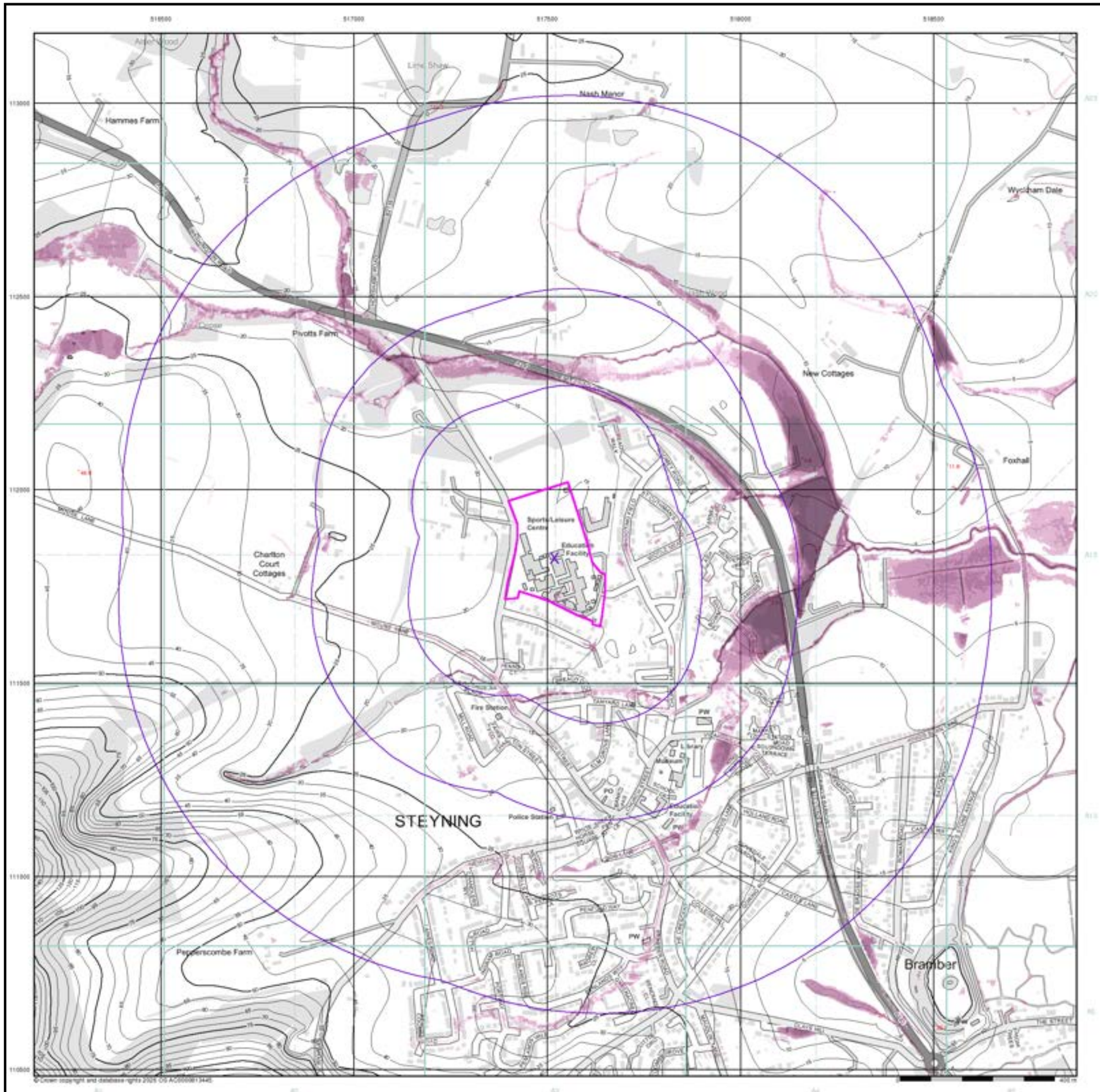
Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX

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EA/NRW Surface Water 100 Year Return Depth Map

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

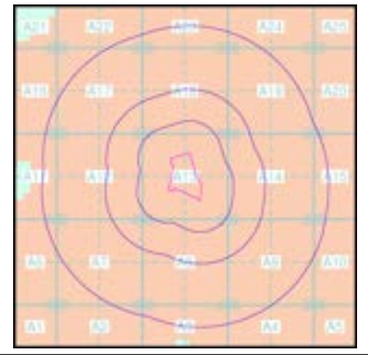
Mean Low Water | Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



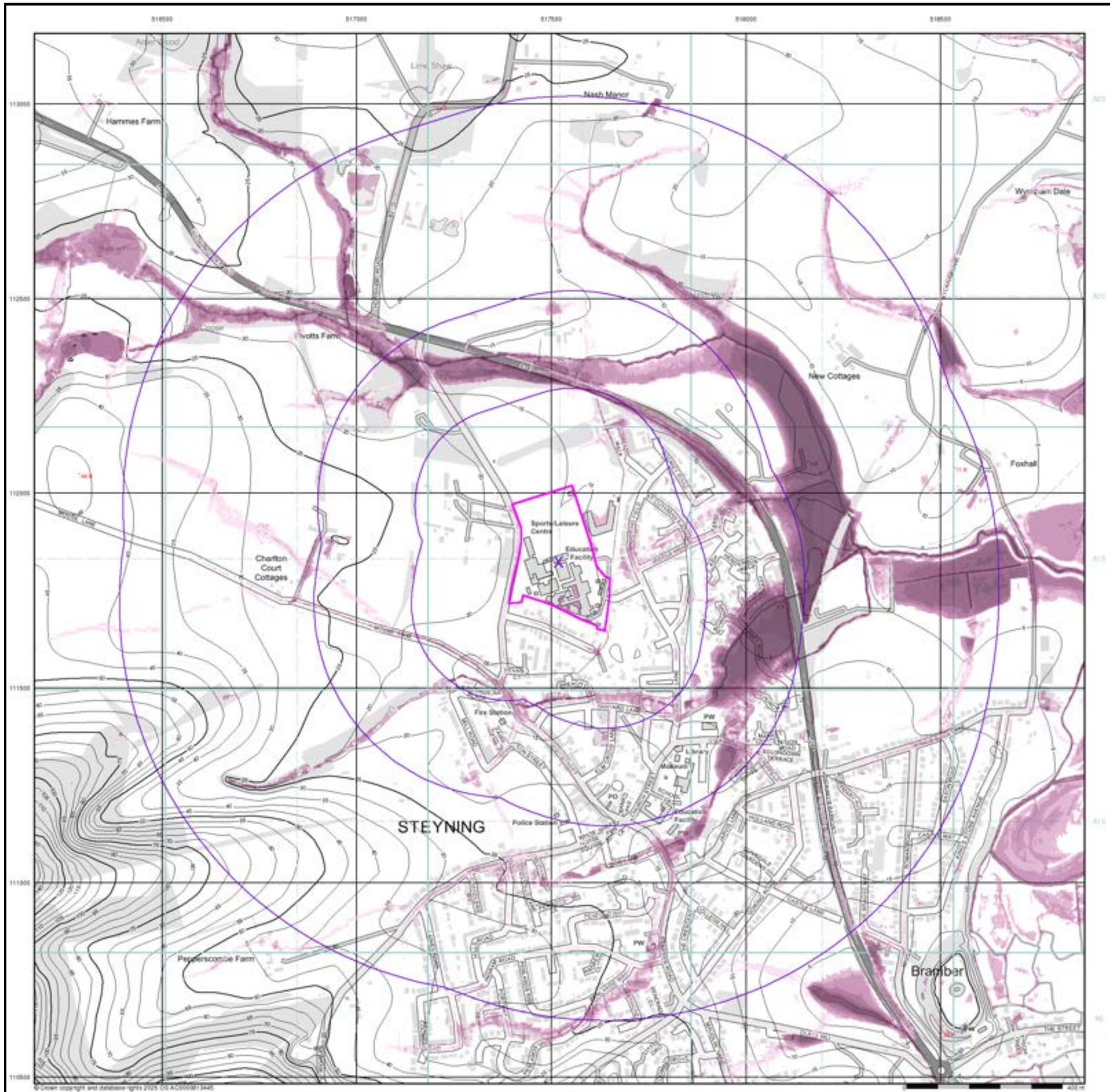
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Order Details

Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



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EA/NRW Surface Water 1000 Year Return Depth Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Depth

- 0 - 0.15m
- 0.15 - 0.30m
- 0.30 - 0.60m
- 0.60 - 0.90m
- 0.90 - 1.20m
- > 1.20m

Contours (height in metres)

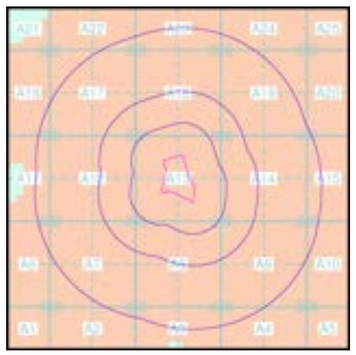
Standard Contour | Master Contour | Spot Height | Mean Low Water | Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



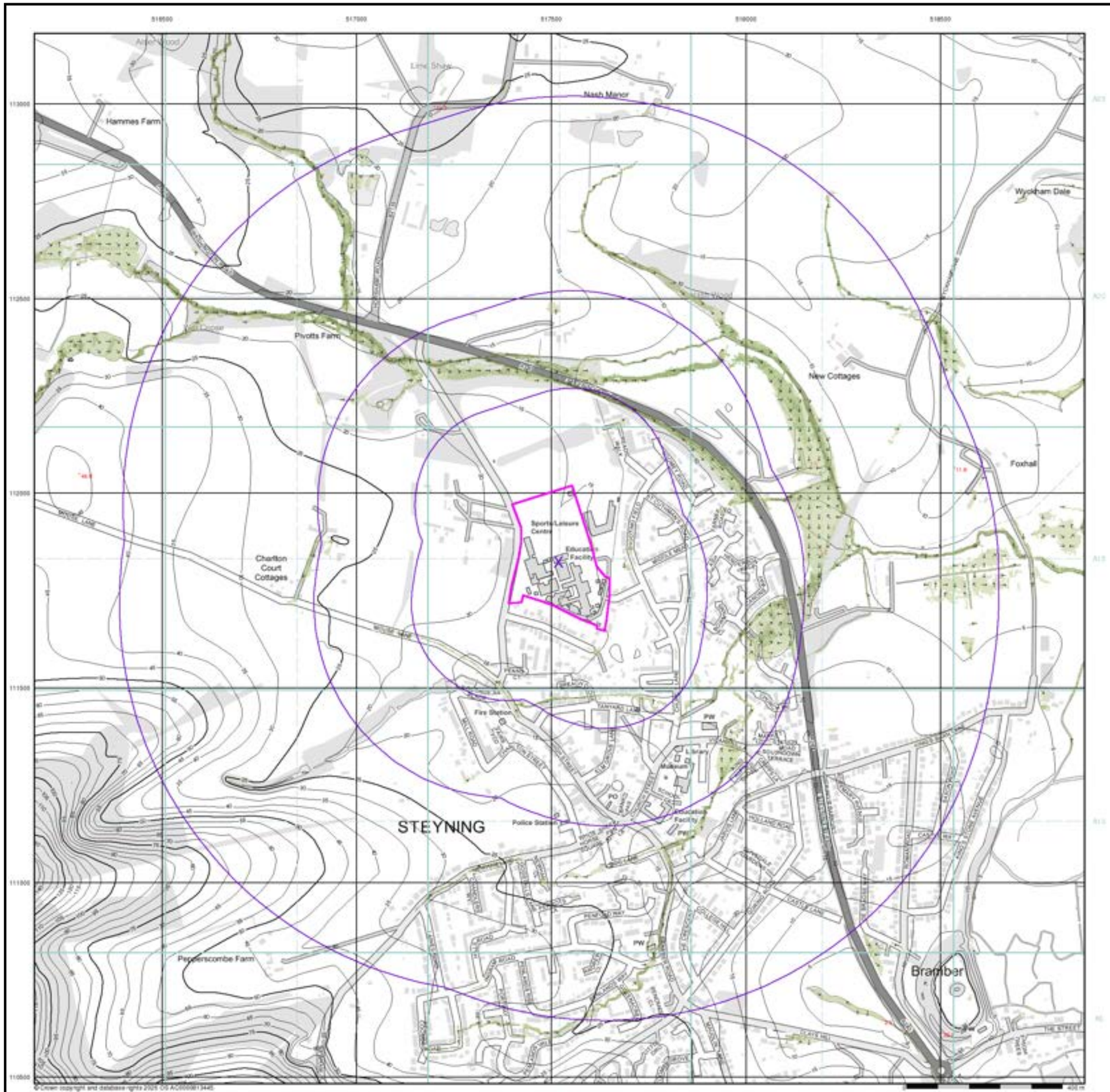
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Order Number:	395429670_1_1
Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
Site Area (Ha):	6.03
Search Buffer (m):	1000

Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



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EA/NRW Surface Water 30 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

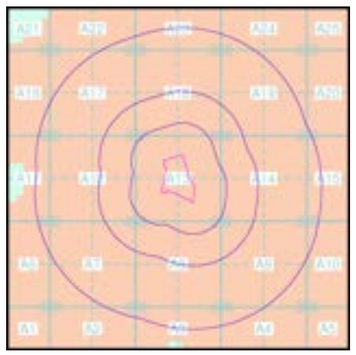
Mean Low Water | Mean High Water

Suitability

See the suitability map below

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- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



Order Details

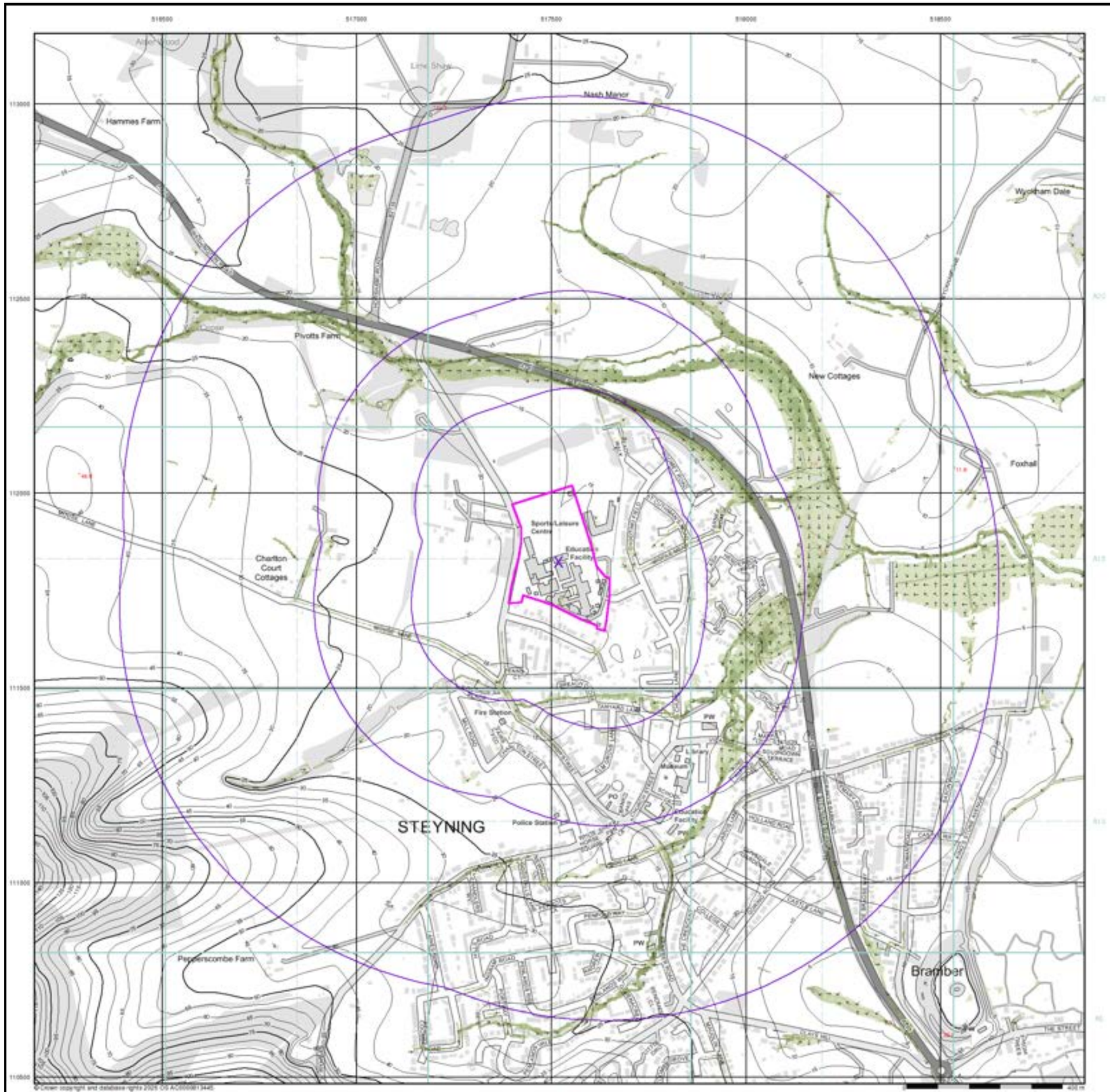
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EA/NRW Surface Water 100 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

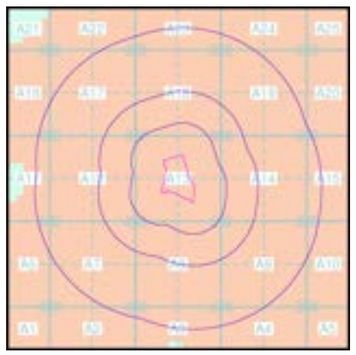
Mean Low Water | Mean High Water

Suitability

See the suitability map below

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- Property

EA/NRW Suitability Map - Slice A



N

Order Details

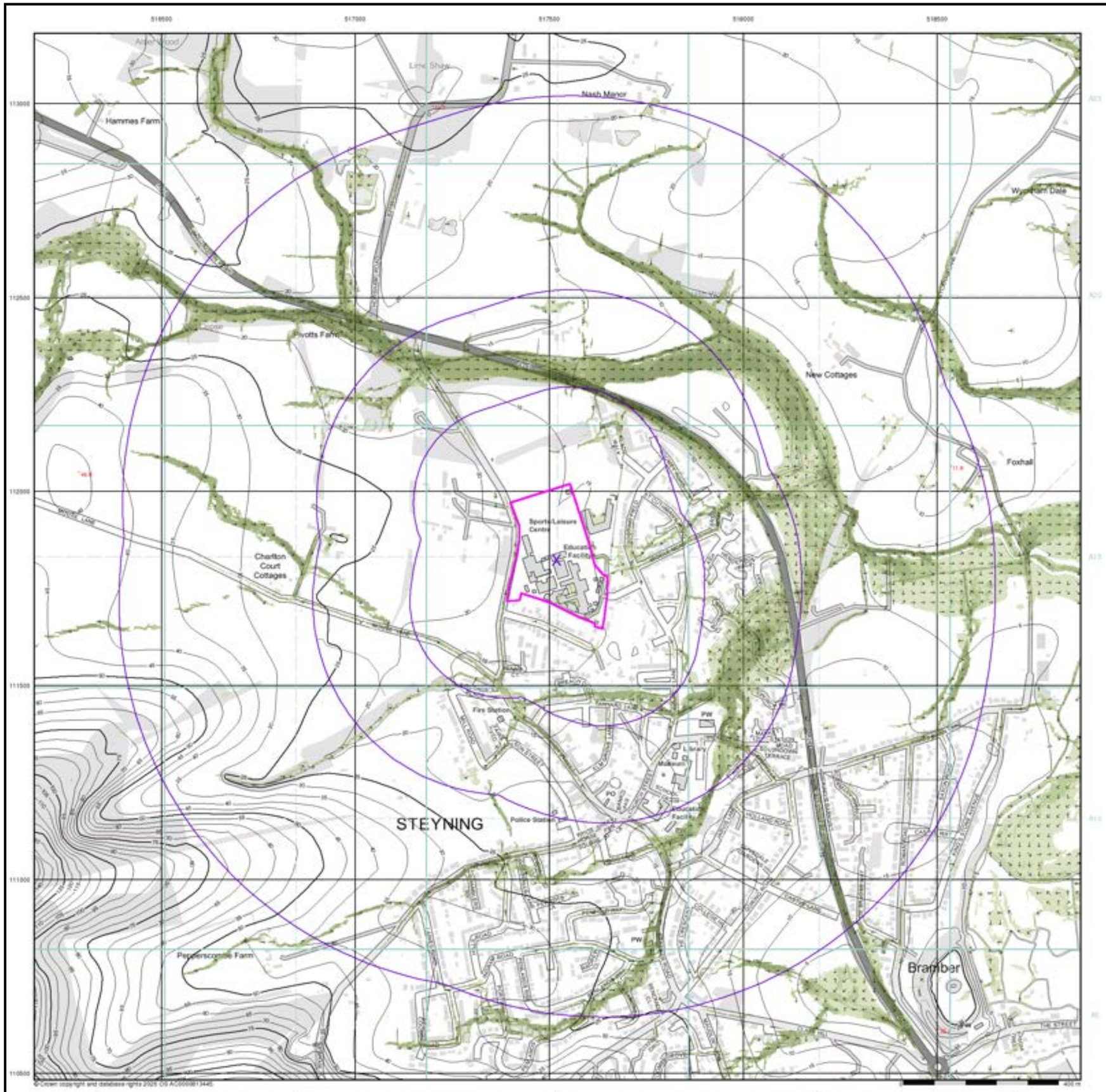
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Customer Ref:	B1641
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Slice:	A
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EA/NRW Surface Water 1000 Year Return Velocity and Flow Direction Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Velocity and Direction

- 0.00 - 0.25m/s
- 0.25 - 0.50m/s
- 0.50 - 1.00m/s
- 1.00 - 2.00m/s
- > 2.00m/s

Flow Direction at maximum velocity

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

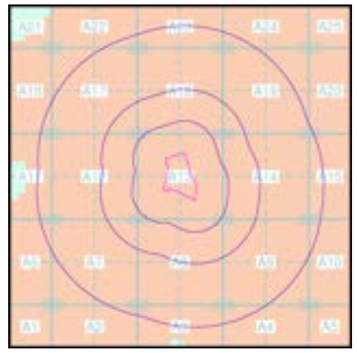
Mean Low Water | Mean High Water

Suitability

See the suitability map below

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EA/NRW Suitability Map - Slice A



Order Details

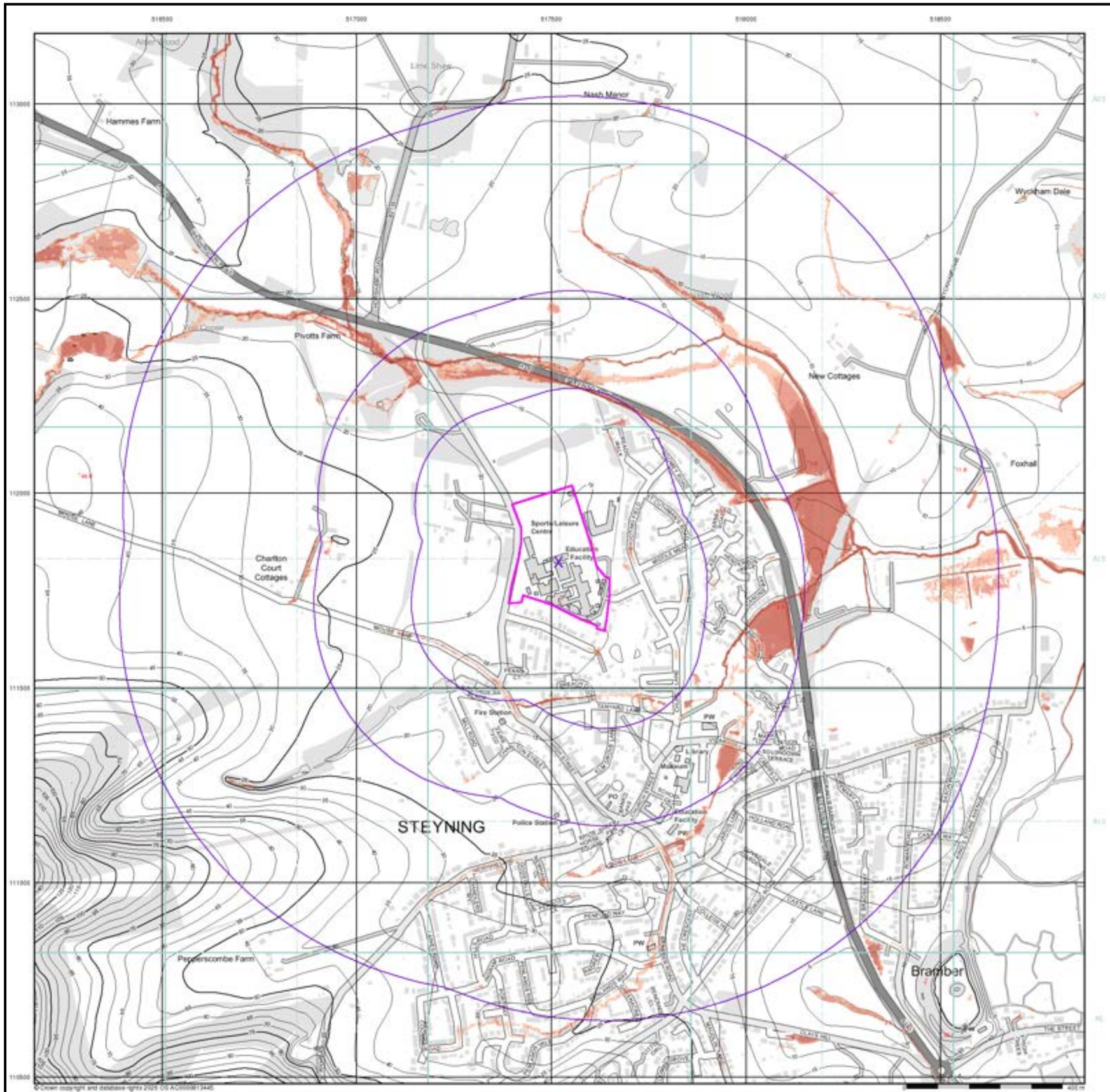
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EA/NRW Surface Water 30 Year Return Hazard Rating Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

MLW Mean Low Water

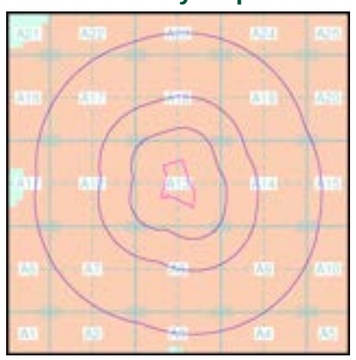
MHW Mean High Water

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A

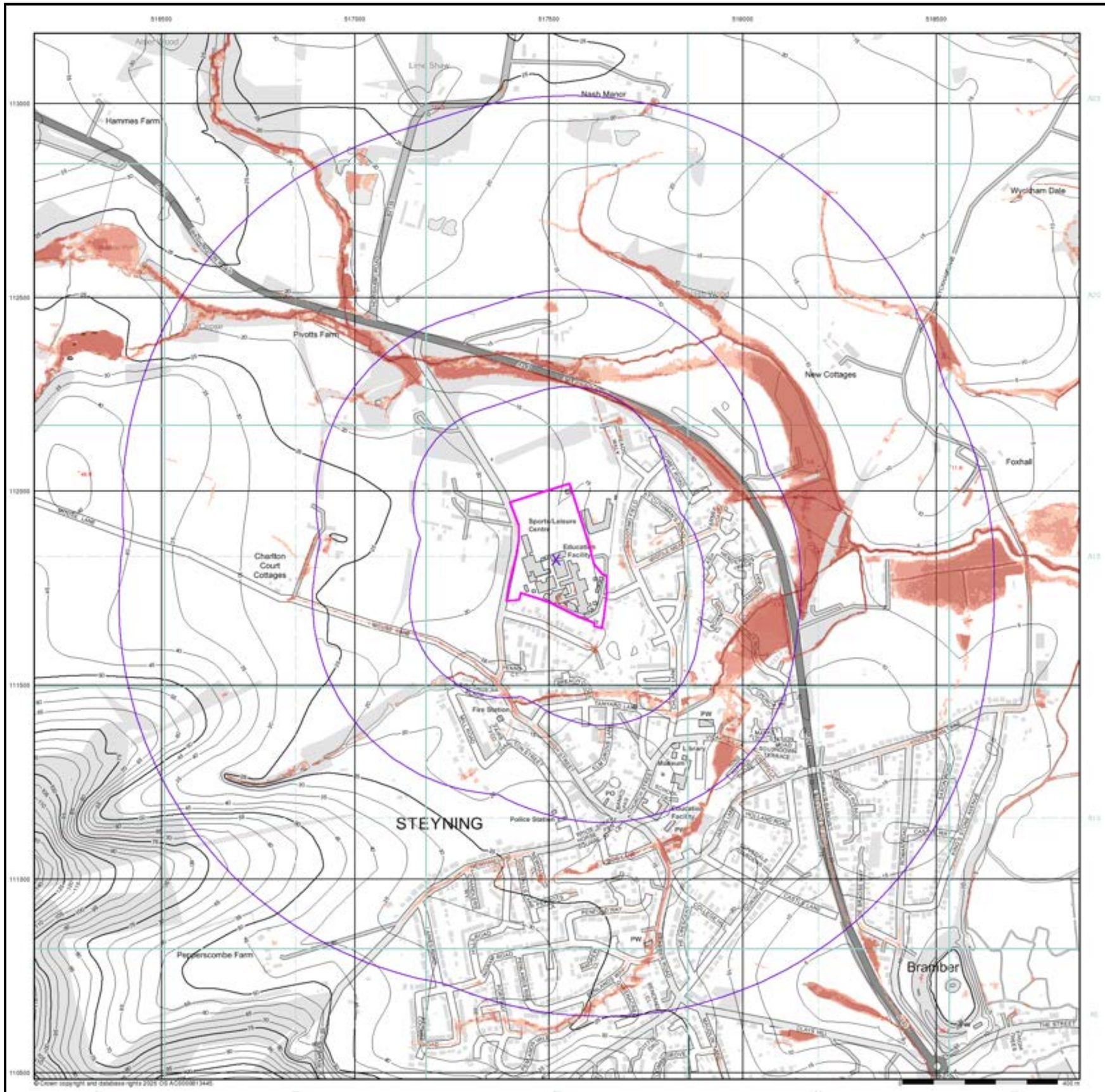


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Site Details

Steyning Grammar School, Upper School, Shooting Field, Steyning, BN44 3RX



EA/NRW Surface Water 100 Year Return Hazard Rating Map (1:10,000)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

Surface Water Hazard Rating

- Low (0.5 – 0.75)
- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

MLWN Mean Low Water

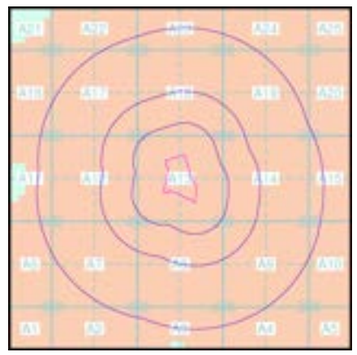
MHWN Mean High Water

Suitability

See the suitability map below

- National to county
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- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



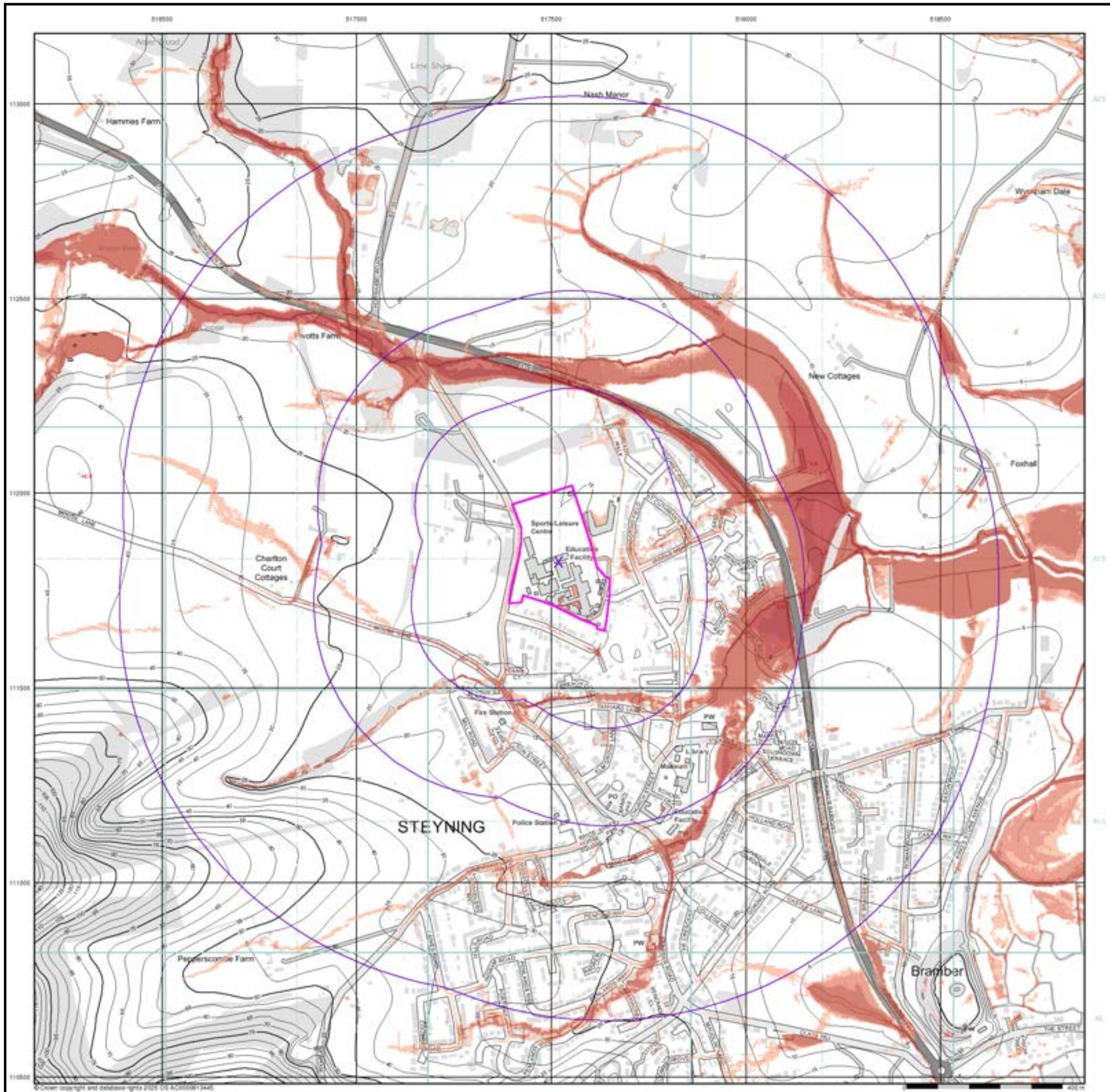
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EA/NRW Surface Water 1000 Year Return Hazard Rating Map (1:10,000)

General

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Surface Water Hazard Rating

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- Moderate (0.75 – 1.25)
- Significant (1.25 – 2.0)
- Extreme (>2.0)

Contours (height in metres)

Standard Contour | Master Contour | Spot Height

MLW Mean Low Water

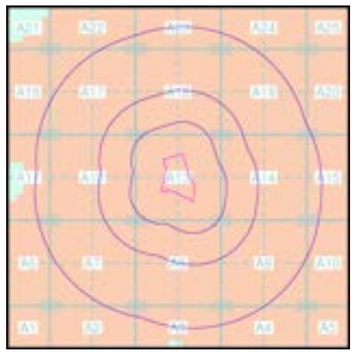
MHW Mean High Water

Suitability

See the suitability map below

- National to county
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- Property

EA/NRW Suitability Map - Slice A



Order Details

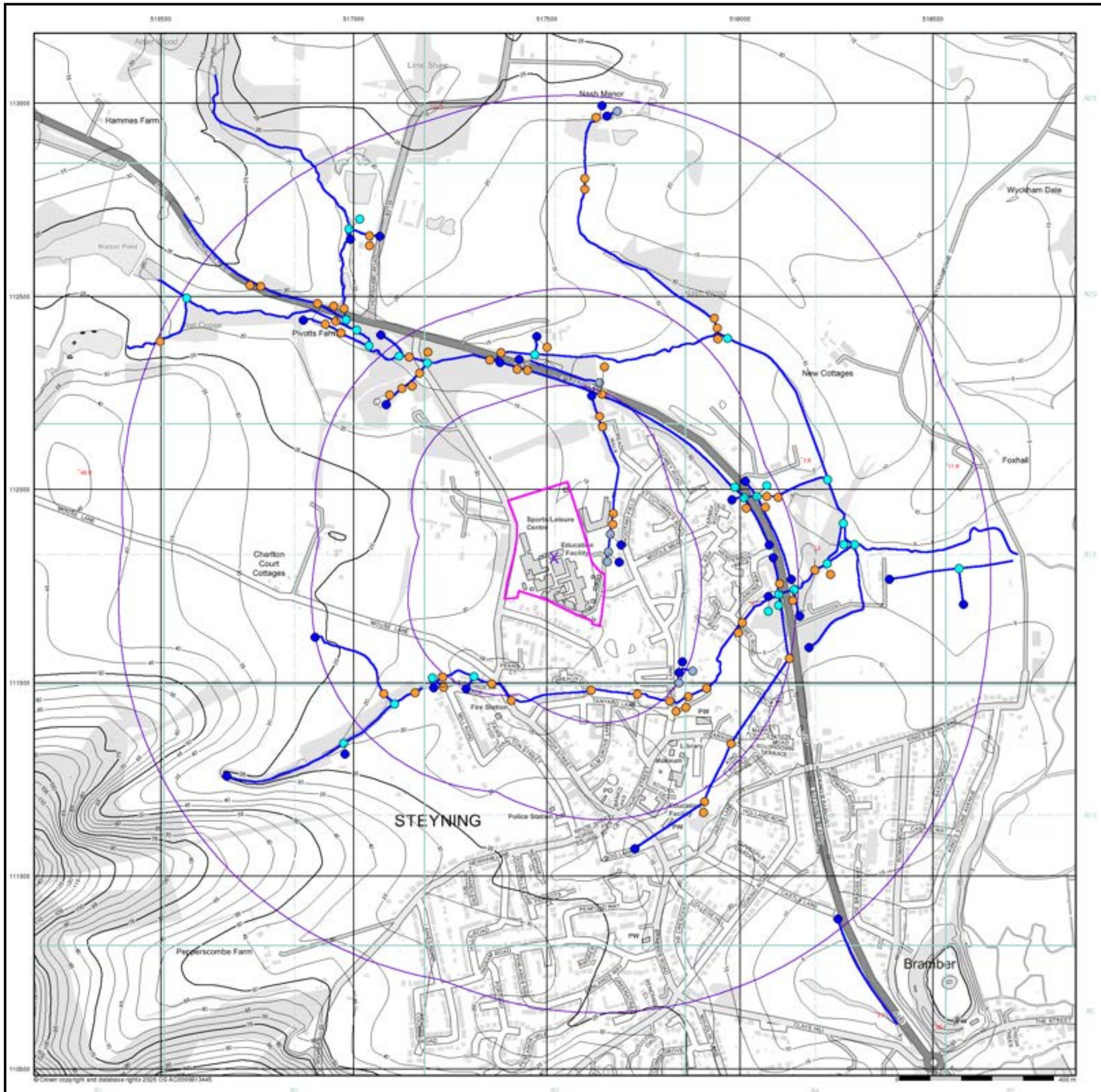
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Customer Ref:	B1641
National Grid Reference:	517520, 111820
Slice:	A
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OS Water Network Lines Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

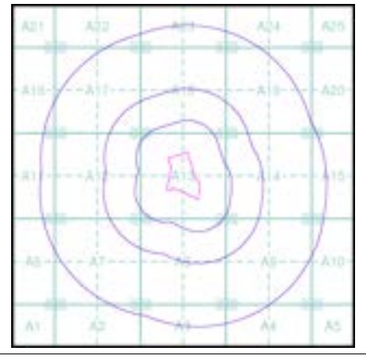
OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea
- Junction
- Outlet
- Pseudo
- Source
- Other

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height
- Mean Low Water
- Mean High Water

OS Water Network Map - Slice A



Order Details

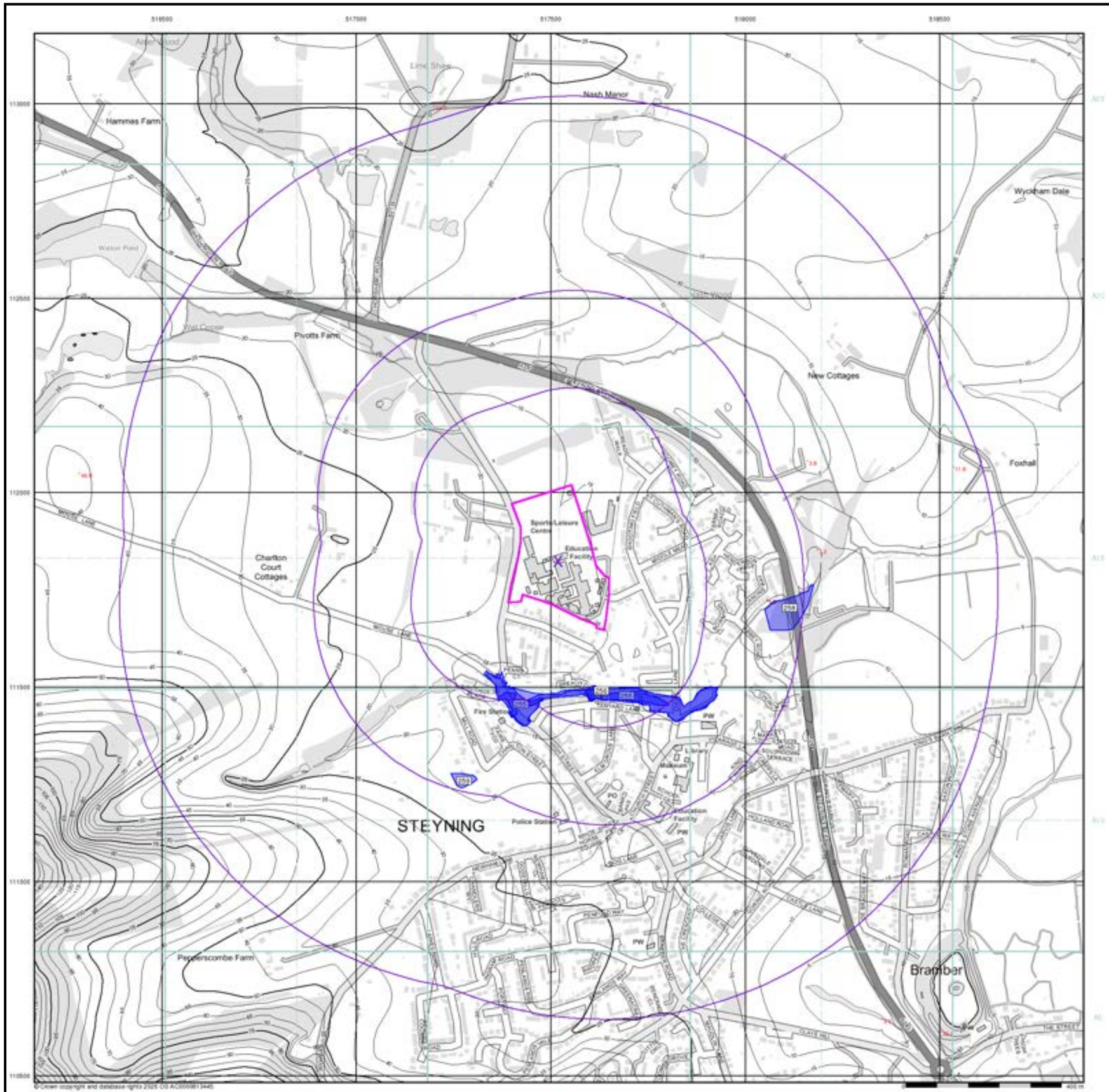
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Site Area (Ha):	6.03
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EA/NRW Historic Flood Map (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

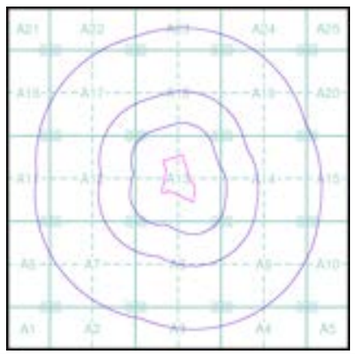
Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Channel Capacity Exceeded /Surface Water
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Historical Flood Liabilities
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Surface Water
- Unknown

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- MLW Mean Low Water
- MHWS Mean High Water

EA/NRW Historic Flood Map - Slice A



N

Order Details

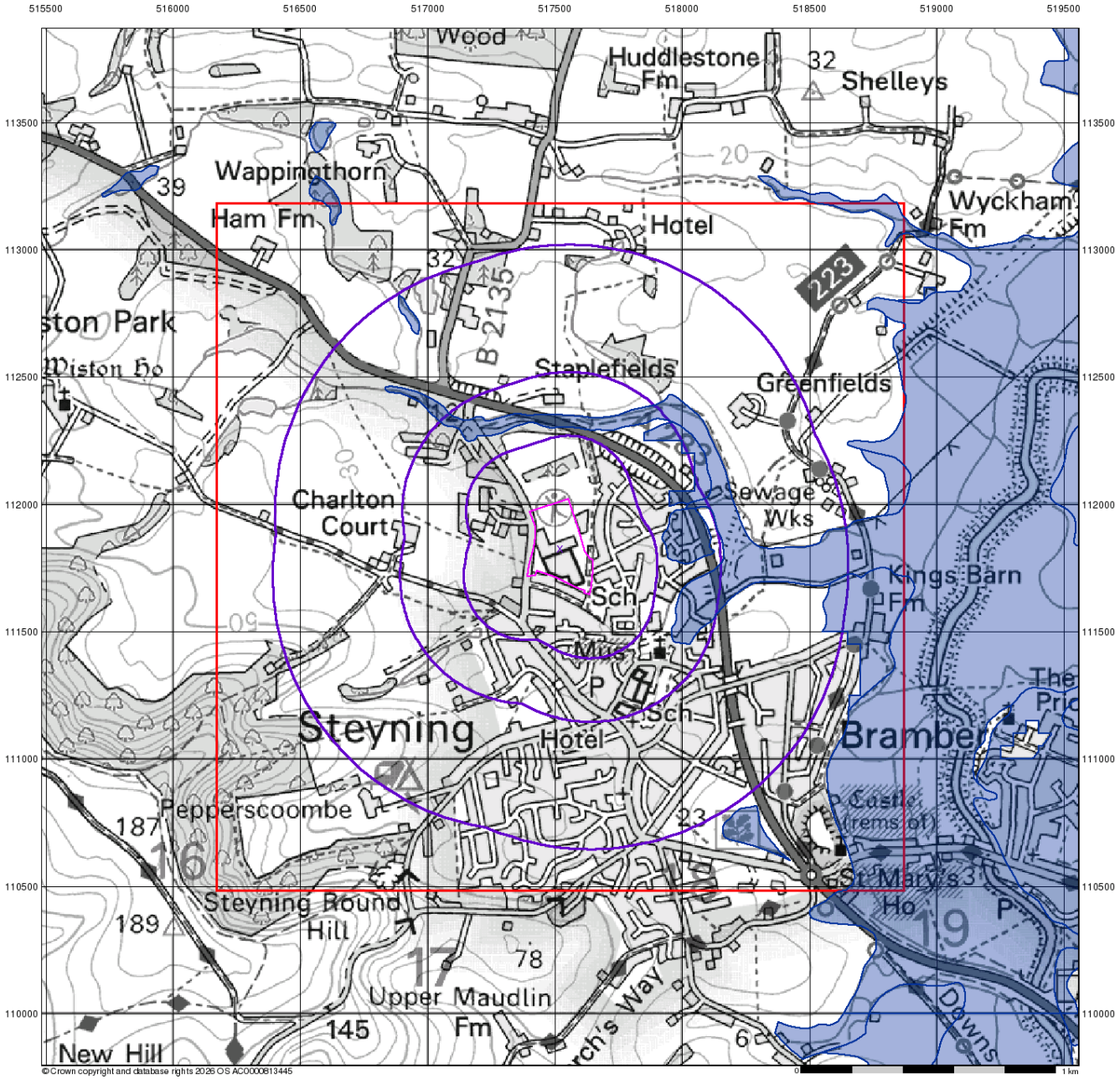
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Slice:	A
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BGS Flood Data (1:50,000)

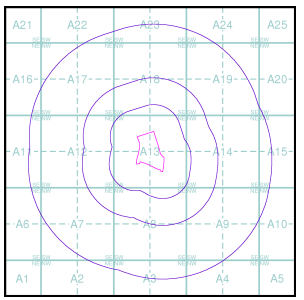
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

BGS Geological Indicators of Flooding

- Coastal
- Inland
- Bodies of Water

BGS Flood Data Map - Slice A



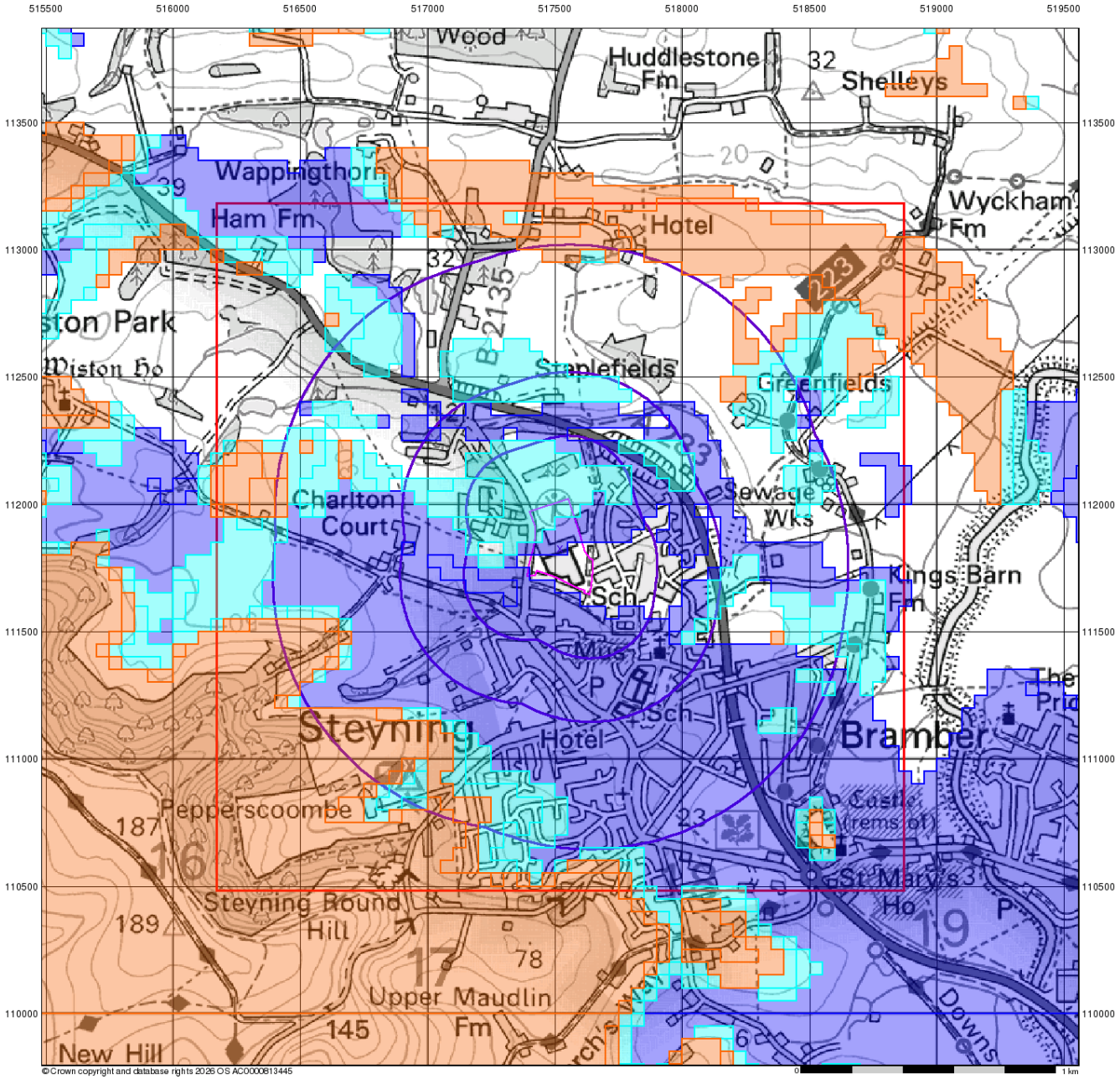
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BGS Flood Data (1:50,000)

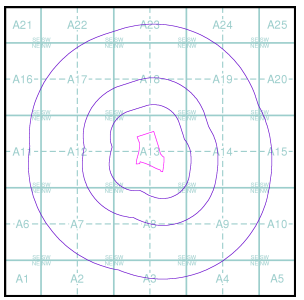
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

BGS Groundwater Flooding Susceptibility

- Potential for Groundwater Flooding to Occur at Surface
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Limited Potential for Groundwater Flooding to Occur

BGS Flood Data Map - Slice A



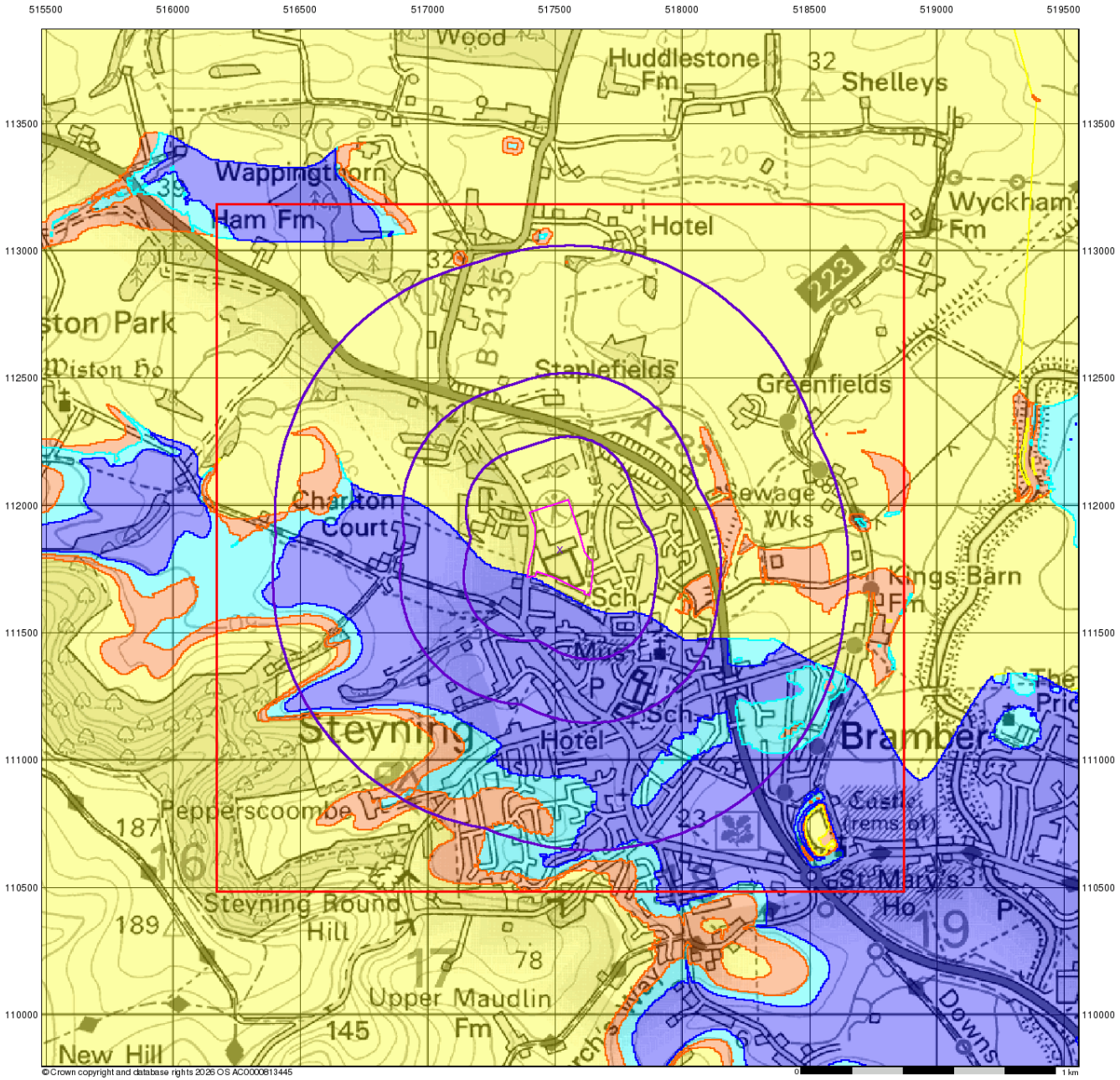
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GeoSmart Information Groundwater Flood Map (1:50,000)

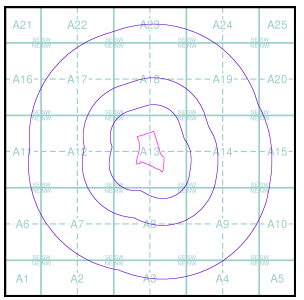
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

GeoSmart Information Groundwater Flooding Risk

- High Risk
- Moderate Risk
- Low Risk
- Negligible Risk

GeoSmart Information Groundwater Flood Map - Slice A



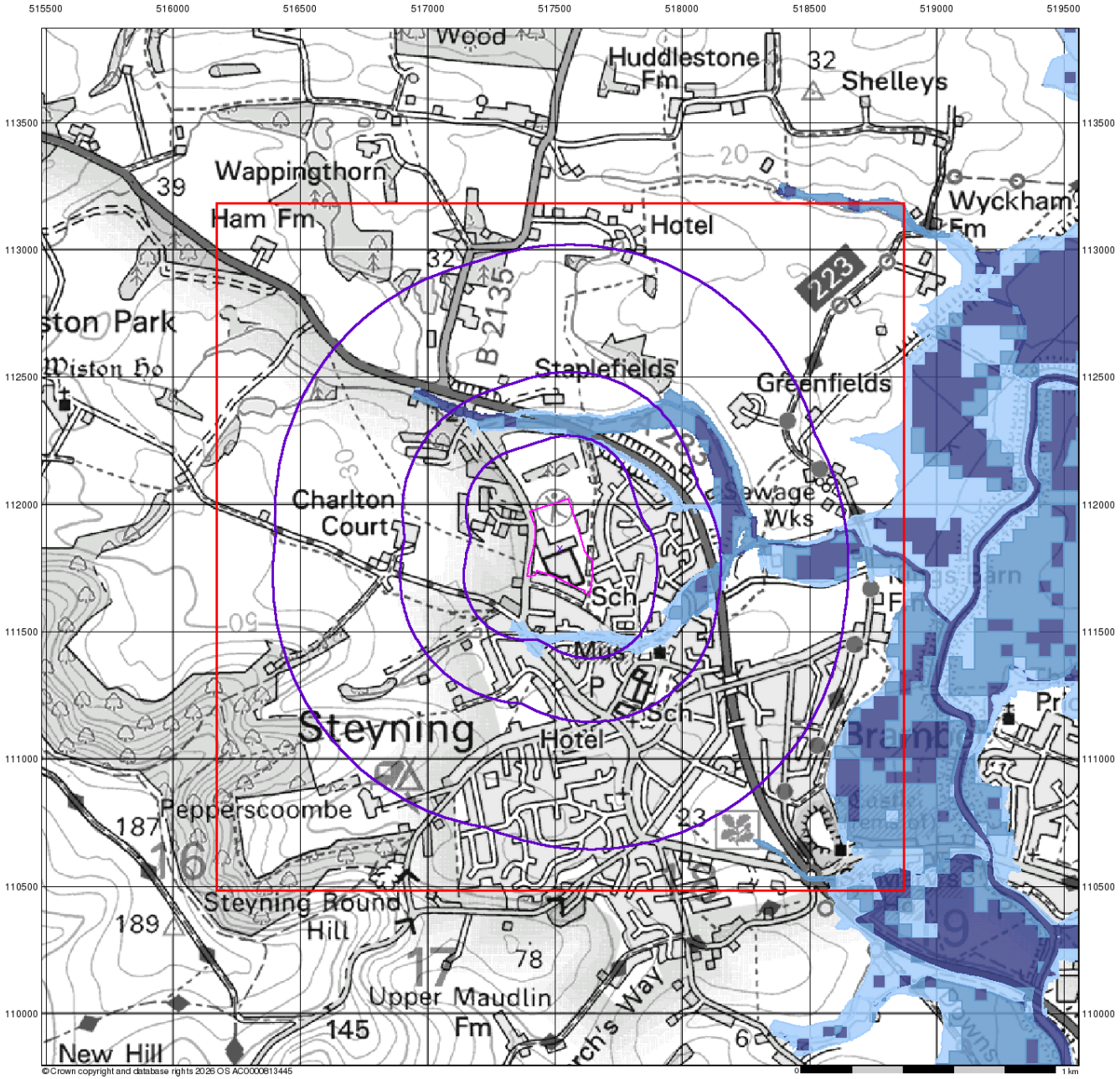
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EA/NRW RoFRS Data (1:50,000)

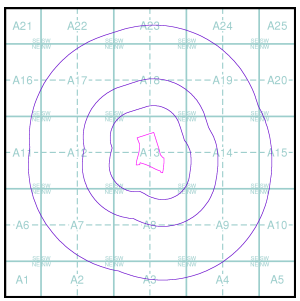
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice A



N

Order Details

Order Number:	395429670_1_1
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Slice:	A
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Site Details

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Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:
395429670_1_1

Customer Reference:
B1641

National Grid Reference:
517520, 111820

Slice:
A

Site Area (Ha):
6.03

Search Buffer (m):
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Site Details:

Steyning Grammar School, Upper School
Shooting Field
Steyning
BN44 3RX

Client Details:

Mr M Di Palma
CTP
Sufflok House
154 High Street
Sevenoaks
Kent
TN4 9PT

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The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.	
EA / NRW / CEH Flood Data	1
This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology. The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences. The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term. All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
JBA Flood Data	4
This section contains the Comprehensive Flood Map ("CFM") data from JBA Risk Management Limited. The data is based upon the likelihood of a flood occurrence for up to 4 flood return periods depending on the type of flooding; these being 75 years, 100 years, 200 years and 1000 years. Each layer being modelled at a 5m cell resolution. Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m in the datasheet from the edge of the site polygon. For each return period the following three sources of flooding are identified, surface water or pluvial flooding, undefended river flooding or fluvial flooding and undefended coastal flooding. In each case the extent of the flooding source is displayed with the associated depth range. In addition, a 1:10,000 scale map depicting flooding from a Canal Failure and a coverage check for this dataset is included. Where coverage exists, information is reported in the datasheet where the site could be affected by flooding that results from a dam breach. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
BGS Flood Data	22
This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland. Each data set is plotted on a seperate BGS Flood Data (1:50,000) map.	
GeoSmart Information Groundwater Flood Data	27
This section contains data provided by GeoSmart Information who, building on their expertise, have developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in Great Britain. The resulting map, classifies groundwater flood risk for each 5m x 5m into four categories, negligible, low, moderate and high. These classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 200 years.	
OS Water Network Data	30
This section details the MasterMap Water Network data sourced from the Ordnance Survey. The OS MasterMap Water Network data details a network representing the watercourse within Great Britain. The OS Water Network Lines data set details the approximate central alignment of a watercourse, including rivers, lakes and canals. The OS Water Network Nodes data set details features that represent a river's source, end, a junction where three of more links meet, and places where the real world related attribution changes; for example a watercourse becoming tidal. The data sets within this section are plotted and feature on the OS Water Network Map (1:10,000) . For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	

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EA/NRW Historic Flood Events Data	**51**

This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.

EA/NRW RoFRS Data	**52**

This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.

The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.

The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.

The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.

Data Currency	**58**
Data Suppliers	**61**
Useful Contacts	**62**

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
Extreme Flooding from Rivers or Sea without Defences	pg 1		40	n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
JBA Flood Data					
JBA 75 Year Return (undefended) - Pluvial	pg 4	1	120	n/a	n/a
JBA 75 Year Return (undefended) - Fluvial				n/a	n/a
JBA 75 Year Return (undefended) - Coastal				n/a	n/a
JBA 100 Year Return (undefended) - Fluvial				n/a	n/a
JBA 100 Year Return (undefended) - Coastal				n/a	n/a
JBA 200 Year Return (undefended) - Pluvial	pg 9	1	131	n/a	n/a
JBA 200 Year Return (undefended) - Fluvial				n/a	n/a
JBA 200 Year Return (undefended) - Coastal				n/a	n/a
JBA 1000 Year Return (undefended) - Pluvial	pg 15	1	129	n/a	n/a
JBA 1000 Year Return (undefended) - Fluvial				n/a	n/a
JBA 1000 Year Return (undefended) - Coastal				n/a	n/a
JBA Canal Failure					
JBA Dam Break					
BGS Flood Data					
BGS Geological Indicators of Flooding	pg 22			3	2
BGS Groundwater Flooding Susceptibility	pg 22	3	4	11	70
GeoSmart Information Groundwater Flood					
GeoSmart Information Groundwater Flood Risk	pg 27	2		11	34
OS Water Network Data					
OS Water Network Lines	pg 30		19	58	49
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EA/NRW Historic Flood Events Data					
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Historical Flood Liabilities					
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea	pg 52		10	38	31

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	144	1	517665 111505
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (S)	145	1	517607 111502
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (S)	150	1	517600 111500
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SE (S)	150	1	517604 111500
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (S)	153	1	517550 111492
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	168	1	517720 111500
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (S)	172	1	517545 111476
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	176	1	517376 111530
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (S)	177	1	517615 111470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (S)	177	1	517655 111470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	177	1	517730 111495
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	179	1	517374 111539
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (S)	179	1	517620 111468
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (S)	180	1	517598 111470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (SE)	180	1	517675 111470
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (S)	180	1	517612 111467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (SE)	182	1	517735 111492
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (S)	182	1	517660 111465
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	185	1	517335 111542
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NW (S)	186	1	517520 111490
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	188	1	517380 111530
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	189	1	517348 111533
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	189	1	517345 111535
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	190	1	517360 111530
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (SW)	197	1	517335 111528
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	198	1	517705 111461
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (SE)	201	1	517712 111460
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	202	1	517715 111460
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NW (S)	209	1	517495 111483
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (SE)	215	1	517735 111455
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	215	1	517385 111503
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	215	1	517360 111505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (S)	216	1	517396 111501
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	218	1	517390 111500
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SW (S)	218	1	517400 111500
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	223	1	517750 111454
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	225	1	517788 111480
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A8NE (SE)	228	1	517754 111450
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A18SE (NE)	236	1	517710 112205
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NE (SE)	248	1	517770 111437
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	2	517605 111855
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	43	2	517620 111605
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	54	2	517615 111595
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	57	2	517615 111590
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	153	2	517660 111495
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	156	2	517775 111875
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	159	2	517595 111490
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	161	2	517615 111485
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	163	2	517605 111485
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	163	2	517610 111485
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	167	2	517695 111490
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	170	2	517585 111480
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	173	2	517310 111565
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	174	2	517575 111480
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	174	2	517300 111570
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	175	2	517290 111575
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	175	2	517305 111565
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	175	2	517315 111560
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	176	2	517295 111570
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	177	2	517280 111580
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	177	2	517310 111560
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	178	2	517285 111575

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	178	2	517320 111555
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	179	2	517265 111590
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	180	2	517565 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	180	2	517270 111585
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	180	2	517275 111580
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	180	2	517325 111550
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	182	2	517285 111570
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	517330 111545
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	183	2	517255 111595
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	183	2	517260 111590
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	517270 111580
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	184	2	517275 111575
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	185	2	517800 111890
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	185	2	517325 111545
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	186	2	517335 111540
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	186	2	517555 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	187	2	517535 111480
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	188	2	517330 111540
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	188	2	517550 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	188	2	517245 111600
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	190	2	517545 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	191	2	517245 111595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	192	2	517350 111530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	192	2	517535 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	192	2	517235 111605
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	193	2	517345 111530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	194	2	517230 111610
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	195	2	517360 111525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	195	2	517520 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	195	2	517730 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	195	2	517670 112175
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	195	2	517235 111600
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	196	2	517355 111525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	196	2	517740 111480
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	197	2	517735 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	198	2	517345 111525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	198	2	517225 111610
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	199	2	517370 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	199	2	517220 111615
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	200	2	517360 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	201	2	517355 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	204	2	517215 111615
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	205	2	517515 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	206	2	517210 111620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	209	2	517680 112185
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	210	2	517320 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	210	2	517205 111620
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	211	2	517760 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	517275 111540
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517315 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517205 111615
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517290 111530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517325 111515
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	214	2	517310 111520
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	214	2	517340 111510
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	215	2	517335 111510
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	215	2	517495 111475
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	217	2	517350 111505
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	217	2	517195 111625
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	218	2	517345 111505
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	218	2	517395 111500
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	218	2	517765 111470
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	219	2	517270 111535
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	220	2	517335 111505
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	222	2	517490 111470
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	223	2	517395 111495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	223	2	517400 111495
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	225	2	517770 111465
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	226	2	517265 111530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	228	2	517775 111465
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	229	2	517260 111530
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A12SE (SW)	229	2	517180 111630
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	233	2	517260 111525
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A12SE (SW)	233	2	517175 111630
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	234	2	517785 111465
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	236	2	517650 112235
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	236	2	517660 112230
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	237	2	517640 112240
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	237	2	517680 112220
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	239	2	517465 111465
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	239	2	517645 112240
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	239	2	517675 112225
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	240	2	517600 112255
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	240	2	517685 112220
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	241	2	517790 111460
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	241	2	517605 112255
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	242	2	517610 112255
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	242	2	517695 112215

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	242	2	517165 111630
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517665 112235
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517675 112230
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	244	2	517715 112205
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	245	2	517700 112215
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A12SE (SW)	245	2	517160 111635
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	246	2	517570 112265
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	247	2	517580 112265
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A14SW (SE)	249	2	517860 111535
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	250	2	517460 111455
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	250	2	517155 111635
	JBA 75 Year Return (undefended) - Fluvial None				
	JBA 75 Year Return (undefended) - Coastal None				
	JBA 100 Year Return (undefended) - Fluvial None				
	JBA 100 Year Return (undefended) - Coastal None				
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	2	517605 111855
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	1	2	517410 111935
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	2	2	517405 111945
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	3	2	517400 111955
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	27	2	517615 111920
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	43	2	517620 111605
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	49	2	517615 111600
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	51	2	517600 111600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	142	2	517765 111865
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	149	2	517770 111870
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	152	2	517655 111495
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	156	2	517595 111495
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	161	2	517615 111485
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	163	2	517610 111485
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	170	2	517580 111480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	173	2	517310 111565
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	174	2	517300 111570
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	175	2	517315 111560
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	176	2	517575 111480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	177	2	517280 111580
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	177	2	517310 111560
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	178	2	517320 111555
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	179	2	517265 111590
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	180	2	517270 111585
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	180	2	517325 111550
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	180	2	517565 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	182	2	517285 111570
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	183	2	517260 111590
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	517270 111580
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	517330 111545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	183	2	517255 111595
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	185	2	517325 111545
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	185	2	517555 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	186	2	517335 111540
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	187	2	517535 111480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	187	2	517250 111595
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	188	2	517330 111540
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	188	2	517245 111600
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	188	2	517535 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	190	2	517340 111535
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	191	2	517240 111600
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	191	2	517245 111595
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	192	2	517350 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	192	2	517235 111605
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	193	2	517345 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	194	2	517230 111610
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	195	2	517340 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	195	2	517360 111525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	195	2	517670 112175
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	195	2	517235 111600
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	195	2	517530 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	196	2	517365 111520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	196	2	517740 111480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	197	2	517735 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	198	2	517345 111525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	198	2	517225 111610
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	198	2	517375 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	198	2	517520 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	199	2	517220 111615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	202	2	517350 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	204	2	517215 111615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	205	2	517680 112180
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	206	2	517210 111620
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	207	2	517520 111470
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	209	2	517310 111525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	209	2	517750 111470
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	210	2	517320 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	210	2	517205 111620
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	211	2	517760 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	517275 111540
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517315 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517205 111615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517290 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517325 111515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	213	2	517680 112190
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	214	2	517340 111510
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	215	2	517350 111505
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	215	2	517495 111475
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	217	2	517195 111625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	217	2	517315 111515
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	218	2	517765 111470
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	220	2	517360 111500
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	221	2	517275 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	222	2	517350 111500
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	222	2	517490 111470
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NW (S)	223	2	517400 111495
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	226	2	517265 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	226	2	517185 111625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	228	2	517775 111465
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	229	2	517260 111530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A12SE (SW)	229	2	517180 111630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	230	2	517180 111625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A12SE (SW)	233	2	517175 111630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	233	2	517260 111525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	234	2	517785 111465
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	236	2	517650 112235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	236	2	517660 112230
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	236	2	517670 112225
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	237	2	517610 112250
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	237	2	517625 112245
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	237	2	517640 112240
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	237	2	517680 112220
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	238	2	517630 112245
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	240	2	517600 112255
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	240	2	517620 112250
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	240	2	517635 112245
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	241	2	517605 112255
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	241	2	517700 112210
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	242	2	517695 112215
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	242	2	517165 111630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517655 112240
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517665 112235
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	243	2	517590 112260
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517675 112230
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	244	2	517685 112225
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	245	2	517700 112215
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	245	2	517160 111635
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	246	2	517570 112265

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	246	2	517715 112205
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	246	2	517245 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	247	2	517575 112265
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	247	2	517710 112210
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A12SE (SW)	247	2	517160 111630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	248	2	517455 111460
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	248	2	517465 111455
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	248	2	517590 112265
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	248	2	517395 111470
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A14SW (SE)	249	2	517860 111535
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	249	2	517240 111520
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	249	2	517725 112200
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A12SE (SW)	250	2	517155 111635
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	250	2	517720 112205
	JBA 200 Year Return (undefended) - Fluvial None				
	JBA 200 Year Return (undefended) - Coastal None				
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	2	517605 111855
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	1	2	517410 111935
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	2	2	517405 111945
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	25	2	517615 111920
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	32	2	517625 111615
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	38	2	517620 111610
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	43	2	517620 111605

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	48	2	517620 111600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	49	2	517610 111600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	50	2	517595 111605
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	52	2	517600 111600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	62	2	517620 111585
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	63	2	517615 111585
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	75	2	517375 111645
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	89	2	517375 111630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	94	2	517375 111625
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	127	2	517750 111860
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	148	2	517595 111495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	163	2	517610 111485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	167	2	517620 111480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	170	2	517575 111480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	171	2	517695 111485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	173	2	517310 111565
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	177	2	517720 111490
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	177	2	517585 111475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	179	2	517270 111585
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	180	2	517295 111565
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	180	2	517305 111560
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	182	2	517730 111490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	182	2	517530 111485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	182	2	517310 111555
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	183	2	517255 111595
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	183	2	517260 111590
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	183	2	517550 111480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	183	2	517270 111580
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	185	2	517280 111570
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (S)	185	2	517530 111480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (S)	185	2	517560 111475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	186	2	517260 111585
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	187	2	517250 111595
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	188	2	517245 111600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	188	2	517240 111605
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	189	2	517375 111530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	189	2	517315 111545
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	190	2	517325 111540
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	191	2	517245 111595
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	191	2	517520 111485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	192	2	517350 111530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	192	2	517665 112175
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	192	2	517235 111605
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	194	2	517230 111610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	195	2	517235 111600
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	195	2	517370 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	195	2	517730 111475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	196	2	517335 111530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	198	2	517345 111525
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	198	2	517225 111610
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	202	2	517350 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (NE)	205	2	517680 112180
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	206	2	517210 111620
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	206	2	517215 111610
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	207	2	517760 111480
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	209	2	517310 111525
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	209	2	517750 111470
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	210	2	517320 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	210	2	517205 111620
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517315 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	517330 111515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	517200 111625
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	212	2	517205 111615
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	212	2	517275 111540
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517325 111515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	213	2	517290 111530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	213	2	517345 111510
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	213	2	517680 112190
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	215	2	517350 111505
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	216	2	517755 111465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	217	2	517315 111515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	217	2	517195 111625
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (S)	218	2	517400 111500
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	219	2	517365 111500
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	219	2	517495 111470
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	221	2	517275 111530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	221	2	517190 111625
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	223	2	517405 111495
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	226	2	517265 111530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (SW)	228	2	517375 111490
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	228	2	517775 111465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	229	2	517180 111630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	229	2	517485 111465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	230	2	517475 111470
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	232	2	517775 111460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A12SE (SW)	233	2	517175 111630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	234	2	517645 112235
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	234	2	517655 112230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	234	2	517665 112225
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NE (SE)	234	2	517785 111465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	235	2	517620 112245
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	235	2	517635 112240
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	235	2	517675 112220
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	236	2	517685 112215
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A18SE (N)	236	2	517680 112220
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	237	2	517610 112250
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A8NE (SE)	238	2	517785 111460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	239	2	517475 111460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	240	2	517255 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	240	2	517705 112205
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	241	2	517700 112210
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	241	2	517460 111465
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	242	2	517245 111525
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (SW)	242	2	517165 111630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	243	2	517655 112240
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	244	2	517645 112245
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	245	2	517620 112255
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	245	2	517855 111535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	245	2	517635 112250
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	245	2	517670 112235

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13SW (SW)	246	2	517245 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	246	2	517680 112230
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	246	2	517720 112200
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	246	2	517470 111455
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	247	2	517250 111515
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	247	2	517690 112225
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A8NW (S)	248	2	517455 111460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A14SW (SE)	249	2	517860 111535
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	249	2	517240 111520
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	249	2	517700 112220
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (NE)	249	2	517730 112195
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A18SE (N)	250	2	517600 112265
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A12SE (SW)	250	2	517155 111635
	JBA 1000 Year Return (undefended) - Fluvial None				
	JBA 1000 Year Return (undefended) - Coastal None				
	JBA Canal Failure Coverage Coverage: This area has not been mapped for risk of flooding from canal or aqueduct failure or breach.	A13SW (W)	0	2	517520 111824
	JBA Canal Failure None				
	JBA Dam Break Coverage Coverage: This area has been mapped for flooding from dam or reservoir embankment failure or breach.	A13SW (W)	0	2	517520 111824
	JBA Dam Break None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential Code: Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	A18SW (N)	281	3	517493 112299
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential Code: Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event.	A14NW (E)	286	3	517923 111866
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential Code: Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event.	A14NW (E)	367	3	517950 111992
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential Code: Higher flood potential from rivers: the first areas to experience the effects of inland flooding in a river catchment.	A17NE (NW)	822	3	516964 112667
	BGS Geological Indicators of Flooding Flooding Type: Inland Flooding Flood Potential Code: Lower flood potential from rivers: areas affected by secondary flooding in extreme cases as a result of a prolonged flood event.	A15SW (E)	913	3	518554 111610
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	0	3	517500 111700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	0	3	517520 111824
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	3	517450 111850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	45	3	517350 111700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	45	3	517350 111800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	95	3	517300 111800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	100	3	517300 111950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	267	3	517750 112200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	311	3	517100 112050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	317	3	517950 111600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	346	3	517950 111500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	381	3	517520 112400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	392	3	518000 111500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	424	3	518050 111550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	448	3	516950 111824

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	448	3	517050 112250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	450	3	518100 111750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	452	3	518100 111700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	516	3	517050 112350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	517	3	516900 112100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	587	3	517000 112400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	606	3	516800 112050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	617	3	517150 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	620	3	517050 111200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	638	3	517100 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	641	3	516850 112300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SW)	647	3	517200 111100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	649	3	517000 111200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SW)	662	3	517050 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	663	3	517150 111100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SW (NW)	685	3	516800 112300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SW)	689	3	517000 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SE (NW)	695	3	516950 112500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	706	3	518350 111650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	708	3	518150 112400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	711	3	516700 111550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (W)	712	3	516700 112100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	714	3	516900 111200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (W)	725	3	516700 111500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SE (NE)	727	3	518200 112350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (E)	728	3	518350 111500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	741	3	516700 111450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	750	3	516650 111600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	755	3	516650 112050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (W)	760	3	516650 111550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	761	3	516700 111400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	764	3	516850 112500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	768	3	518400 111550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	797	3	518400 112050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SW)	806	3	516650 111400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SE (NE)	814	3	518350 112200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	817	3	517000 111000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	818	3	518450 111950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SW (NW)	819	3	516650 112300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	820	3	516600 112150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9SE (SE)	828	3	518300 111150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	830	3	518450 112000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NE (NE)	837	3	518200 112550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SW)	842	3	516950 111000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SW (NW)	848	3	516600 112250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	849	3	516550 111600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	850	3	516550 111950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	862	3	517000 110950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NE (SE)	866	3	518450 111350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SW)	872	3	516600 111350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SW (W)	881	3	516550 112200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	885	3	516950 110950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7SE (SW)	911	3	516900 110950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (E)	925	3	518550 111500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17NE (NW)	926	3	516900 112750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A23SW (N)	931	3	517520 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SW (NW)	931	3	516550 112350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A23SE (N)	932	3	517600 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SE (NE)	940	3	518450 112300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NW (NW)	940	3	516700 112600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SE (E)	948	3	518500 112200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (W)	948	3	516450 111600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (W)	950	3	516450 111950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (W)	950	3	516450 111850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	952	3	517000 110850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (W)	959	3	516450 112100

BGS Flood Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SE (NE)	974	3	518450 112400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A23SE (N)	977	3	517850 112950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (SE)	977	3	518550 111300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	980	3	516850 110900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NE (NE)	986	3	518350 112600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A3NE (S)	996	3	517600 110650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (W)	1000	3	516400 111950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A13SW (SW)	0	2	517450 111700
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A13SW (W)	0	2	517520 111824
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (SE)	343	2	517975 111590
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	345	2	517985 111635
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	349	2	517990 111650
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (SE)	354	2	517985 111585
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (SE)	360	2	517990 111580
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	362	2	518005 111660
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	367	2	518005 111625
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SW (E)	386	2	518025 111625
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A14SW (E)	387	2	518025 111620
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14NW (E)	442	2	518045 111980
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14NW (E)	485	2	518100 111985
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14NW (E)	537	2	518120 112040
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14NW (E)	548	2	518130 112045
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9NW (SE)	565	2	518175 111475

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	571	2	518220 111815
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A7NE (SW)	609	2	517095 111185
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A9NE (SE)	621	2	518205 111395
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9NW (SE)	641	2	518060 111165
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	651	2	518300 111824
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9NW (SE)	654	2	518090 111175
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A7NE (SW)	663	2	517025 111165
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	667	2	516735 112010
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A9SW (SE)	678	2	518045 111105
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	702	2	518350 111695
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A12NW (W)	704	2	516705 112080
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A9SW (SE)	710	2	517920 110995
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9NE (SE)	712	2	518215 111230
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A7SE (SW)	724	2	516990 111115
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A9SW (SE)	739	2	518060 111040
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	743	2	516660 112035

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A9SW (SE)	745	2	518025 111010
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	753	2	516650 112030
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A12NW (W)	753	2	516645 112035
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A17SW (NW)	780	2	516650 112185
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A14SE (E)	782	2	518430 111690
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A17SW (NW)	788	2	516645 112195
	GeoSmart Information Groundwater Flood Data Risk: Negligible Risk Risk Details: There is a negligible risk of groundwater flooding in this area and any groundwater flooding incidence has a chance of less than 1 in 100 (<1%) probability of occurrence.	A14SE (E)	827	2	518475 111685
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9SE (SE)	923	2	518395 111120
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9SE (SE)	924	2	518400 111125
	GeoSmart Information Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a moderate risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A9SE (SE)	927	2	518400 111120
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A23SE (N)	931	2	517545 112950
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A11NE (W)	943	2	516460 111870
	GeoSmart Information Groundwater Flood Data Risk: High Risk Risk Details: There is a high risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence or more frequent.	A10NW (SE)	949	2	518545 111370
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A11NE (W)	951	2	516450 111960
	GeoSmart Information Groundwater Flood Data Risk: Low Risk Risk Details: There is a low risk of groundwater flooding in this area with a chance of greater than 1 in 100 (>1%) probability of occurrence.	A10NW (SE)	981	2	518560 111315

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 14.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SE (E)	38	4	517657 111823
2	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13NE (E)	48	4	517659 111840
3	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 50.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13NE (NE)	65	4	517664 111885
4	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13NE (NE)	86	4	517671 111935
5	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 234.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13NE (NE)	87	4	517671 111938
6	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 121.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NE (S)	164	4	517615 111482
7	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 213.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NE (S)	166	4	517542 111473
8	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 17.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13NE (N)	170	4	517644 112163
9	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 66.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (N)	180	4	517636 112179

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 87.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NE (SE)	200	4	517733 111471
11	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 87.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SW (SW)	217	4	517310 111517
12	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 37.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SW (SW)	217	4	517310 111517
13	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 50.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SW (SW)	217	4	517356 111497
14	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NW (SW)	222	4	517380 111494
15	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 26.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SE (SE)	237	4	517842 111527
16	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 28.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SE (SE)	241	4	517850 111534
17	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 195.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (N)	241	4	517635 112247
18	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (N)	242	4	517638 112246

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 465.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (NE)	242	4	517711 112212
20	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 21.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SW (SW)	259	4	517230 111515
21	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NE (SE)	264	4	517817 111453
22	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 184.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (N)	268	4	517600 112284
23	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 7.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NW (SW)	272	4	517240 111491
24	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 65.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A13SW (SW)	278	4	517217 111501
25	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 19.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NW (SW)	278	4	517233 111489
26	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 26.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A8NE (SE)	283	4	517838 111448
27	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	288	4	517860 111464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 52.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	292	4	517865 111464
29	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 9.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	308	4	517449 112309
30	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 63.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	313	4	517440 112312
31	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 196.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (SE)	316	4	517952 111587
32	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 500.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SE (N)	324	4	517566 112343
33	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A7NE (SW)	337	4	517158 111474
34	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 90.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	341	4	517469 112349
35	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 46.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	341	4	517469 112349
36	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	355	4	517995 111644

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 183.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	356	4	517365 112333
38	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	358	4	517369 112336
39	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 95.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	363	4	518005 111657
40	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 256.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A12SE (SW)	381	4	517057 111536
41	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 31.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	382	4	517980 111974
42	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 2.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (N)	384	4	517473 112394
43	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 168.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A7NE (SW)	395	4	517105 111445
44	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 39.1 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A7NE (SW)	395	4	517105 111445
45	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 48.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	398	4	517144 112276

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	400	4	517134 112269
47	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	402	4	517118 112256
48	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 16.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	403	4	517084 112220
49	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 34.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	403	4	517170 112301
50	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 139.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	411	4	518010 111979
51	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	411	4	518010 111979
52	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	413	4	518012 111979
53	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18SW (NW)	415	4	517190 112328
54	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	416	4	518016 111980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	423	4	518072 111723
56	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 25.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	426	4	518075 111718
57	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	426	4	517177 112334
58	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	436	4	518014 112022
59	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 96.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	438	4	518086 111823
60	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	440	4	518041 111982
61	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 239.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	441	4	518044 111981
62	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	441	4	518043 111982
63	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 20.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	442	4	518044 111982

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 165.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	450	4	518099 111726
65	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	450	4	518099 111726
66	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	450	4	518100 111728
67	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 267.1 Watercourse Level: Not Supplied Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	452	4	518055 111457
68	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	453	4	518102 111730
69	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	453	4	517143 112344
70	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 165.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	456	4	517977 111343
71	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	461	4	518065 111983
72	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 113.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	463	4	517128 112345

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 82.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	463	4	517128 112345
74	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	487	4	518137 111740
75	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 69.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	490	4	518141 111742
76	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 77.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	491	4	518141 111742
77	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 142.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NW (E)	491	4	518098 111980
78	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	528	4	517907 111192
79	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 214.5 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9NW (SE)	530	4	517906 111189
80	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 80.9 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	540	4	517039 112372
81	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 84.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	540	4	517039 112372

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 347.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	543	4	518179 111591
83	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SW (E)	544	4	518193 111792
84	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 503.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A19SW (NE)	548	4	517942 112406
85	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A19SW (NE)	548	4	517942 112406
86	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A19SW (NE)	552	4	517942 112412
87	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 21.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A19SW (NE)	556	4	517940 112418
88	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 536.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A19SW (NE)	559	4	517933 112438
89	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 328.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A7NE (SW)	561	4	516973 111344
90	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A7NE (SW)	561	4	516973 111344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SE (E)	567	4	518216 111802
92	**OS Water Network Lines** Watercourse Name: Tanyard Stream Watercourse Form: Inland river Watercourse Length: 83.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SE (E)	577	4	518226 111808
93	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 118.1 Watercourse Level: On ground surface Primacy: 2 Permanent: True Catchment Name: Adur and Teville	A14SE (E)	577	4	518226 111810
94	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 27.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	614	4	516983 112422
95	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	614	4	516983 112422
96	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 25.2 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	615	4	516966 112406
97	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 124.4 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NE (E)	627	4	518227 112025
98	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 30.3 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	630	4	516980 112440
99	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 85.0 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	630	4	516980 112440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 66.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NE (E)	630	4	518267 111913
101	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 81.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	639	4	516945 112419
102	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	640	4	516958 112433
103	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 415.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	646	4	516953 112436
104	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NE (E)	648	4	518293 111858
105	**OS Water Network Lines** Watercourse Name: Black Sewer Watercourse Form: Inland river Watercourse Length: 497.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14NE (E)	652	4	518297 111858
106	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 219.3 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	656	4	516975 112469
107	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 155.5 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SE (NW)	711	4	516906 112482
108	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 182.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A14SE (E)	737	4	518387 111768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18NE (N)	760	4	517598 112778
110	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 10.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	762	4	517067 112656
111	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 193.6 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A18NE (N)	765	4	517598 112783
112	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	768	4	517056 112658
113	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 65.7 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	770	4	517052 112657
114	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 18.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	798	4	516990 112656
115	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 3.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	814	4	516990 112673
116	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 610.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NE (NW)	816	4	516987 112674
117	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NW (NW)	849	4	516758 112527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 269.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17NW (NW)	855	4	516753 112529
119	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 93.1 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A15SW (E)	918	4	518567 111796
120	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 140.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A15SW (E)	918	4	518567 111796
121	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Lake Watercourse Length: 9.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A23SE (N)	947	4	517628 112964
122	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 29.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A23SE (N)	952	4	517655 112966
123	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 149.8 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SW (NW)	955	4	516553 112411
124	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 314.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A9SE (SE)	977	4	518254 110889
125	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 86.0 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A17SW (NW)	985	4	516566 112495
126	**OS Water Network Lines** Watercourse Name: Not Supplied Watercourse Form: Inland river Watercourse Length: 92.2 Watercourse Level: On ground surface Primacy: 1 Permanent: True Catchment Name: Adur and Teville	A16SE (NW)	992	4	516498 112384
127	**OS Water Network Nodes** Hydronode Category: Outlet	A13SE (E)	38	4	517657 111823

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	**OS Water Network Nodes** Hydronode Category: Source	A13NE (E)	47	4	517659 111837
129	**OS Water Network Nodes** Hydronode Category: Outlet	A13NE (E)	48	4	517659 111840
130	**OS Water Network Nodes** Hydronode Category: Source	A13NE (E)	64	4	517664 111882
131	**OS Water Network Nodes** Hydronode Category: Outlet	A13NE (NE)	65	4	517664 111885
132	**OS Water Network Nodes** Hydronode Category: Pseudo	A13NE (NE)	86	4	517671 111935
133	**OS Water Network Nodes** Hydronode Category: Pseudo	A13NE (NE)	87	4	517671 111938
134	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NE (S)	166	4	517615 111482
135	**OS Water Network Nodes** Hydronode Category: Pseudo	A13NE (N)	170	4	517644 112163
136	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SE (N)	180	4	517636 112179
137	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NE (SE)	200	4	517733 111471
138	**OS Water Network Nodes** Hydronode Category: Junction	A13SW (SW)	217	4	517310 111517
139	**OS Water Network Nodes** Hydronode Category: Pseudo	A13SW (SW)	223	4	517356 111497
140	**OS Water Network Nodes** Hydronode Category: Source	A18SE (N)	232	4	517616 112243
141	**OS Water Network Nodes** Hydronode Category: Source	A13SE (SE)	237	4	517842 111527
142	**OS Water Network Nodes** Hydronode Category: Source	A13SE (SE)	241	4	517850 111534
143	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SE (N)	242	4	517638 112246
144	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SE (N)	242	4	517635 112247
145	**OS Water Network Nodes** Hydronode Category: Outlet	A13SE (SE)	251	4	517841 111501
146	**OS Water Network Nodes** Hydronode Category: Source	A8NW (SW)	253	4	517291 111485
147	**OS Water Network Nodes** Hydronode Category: Pseudo	A13SW (SW)	259	4	517230 111515

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NE (SE)	264	4	517817 111453
149	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NW (S)	264	4	517407 111455
150	**OS Water Network Nodes** Hydronode Category: Outlet	A14SW (SE)	267	4	517878 111530
151	**OS Water Network Nodes** Hydronode Category: Outlet	A18SE (N)	271	4	517635 112277
152	**OS Water Network Nodes** Hydronode Category: Source	A8NW (SW)	272	4	517240 111491
153	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NW (SW)	278	4	517233 111489
154	**OS Water Network Nodes** Hydronode Category: Junction	A13SW (SW)	278	4	517217 111501
155	**OS Water Network Nodes** Hydronode Category: Pseudo	A8NE (SE)	283	4	517838 111448
156	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	288	4	517860 111464
157	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	292	4	517865 111464
158	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SW (N)	308	4	517449 112309
159	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SW (N)	313	4	517440 112312
160	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	320	4	517913 111486
161	**OS Water Network Nodes** Hydronode Category: Source	A18SW (N)	326	4	517460 112332
162	**OS Water Network Nodes** Hydronode Category: Pseudo	A7NE (SW)	337	4	517158 111474
163	**OS Water Network Nodes** Hydronode Category: Junction	A18SW (N)	341	4	517469 112349
164	**OS Water Network Nodes** Hydronode Category: Source	A18SW (N)	348	4	517379 112329
165	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (E)	355	4	517995 111644
166	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SW (N)	358	4	517369 112336
167	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (E)	363	4	518005 111657

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SW (N)	371	4	517380 112353
169	**OS Water Network Nodes** Hydronode Category: Source	A14NW (E)	382	4	517980 111974
170	**OS Water Network Nodes** Hydronode Category: Pseudo	A18SW (N)	384	4	517473 112394
171	**OS Water Network Nodes** Hydronode Category: Source	A18SW (N)	386	4	517473 112397
172	**OS Water Network Nodes** Hydronode Category: Junction	A7NE (SW)	395	4	517105 111445
173	**OS Water Network Nodes** Hydronode Category: Pseudo	A7NE (SW)	399	4	517077 111472
174	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	400	4	517134 112269
175	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	402	4	517124 112262
176	**OS Water Network Nodes** Hydronode Category: Source	A17SE (NW)	403	4	517084 112220
177	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	403	4	517170 112301
178	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	405	4	517093 112234
179	**OS Water Network Nodes** Hydronode Category: Junction	A14NW (E)	411	4	518010 111979
180	**OS Water Network Nodes** Hydronode Category: Junction	A14NW (E)	413	4	518012 111979
181	**OS Water Network Nodes** Hydronode Category: Junction	A18SW (NW)	415	4	517190 112328
182	**OS Water Network Nodes** Hydronode Category: Pseudo	A14NW (E)	416	4	518016 111980
183	**OS Water Network Nodes** Hydronode Category: Source	A14SW (E)	423	4	518072 111723
184	**OS Water Network Nodes** Hydronode Category: Junction	A14SW (E)	426	4	518075 111718
185	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	426	4	517177 112334
186	**OS Water Network Nodes** Hydronode Category: Source	A14NW (E)	432	4	518075 111856
187	**OS Water Network Nodes** Hydronode Category: Source	A14NW (E)	436	4	518014 112022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	**OS Water Network Nodes** Hydronode Category: Source	A14SW (E)	438	4	518086 111823
189	**OS Water Network Nodes** Hydronode Category: Pseudo	A14NW (E)	440	4	518041 111982
190	**OS Water Network Nodes** Hydronode Category: Junction	A14NW (E)	441	4	518043 111982
191	**OS Water Network Nodes** Hydronode Category: Junction	A14NW (E)	442	4	518044 111982
192	**OS Water Network Nodes** Hydronode Category: Junction	A14SW (E)	450	4	518099 111726
193	**OS Water Network Nodes** Hydronode Category: Junction	A14SW (E)	450	4	518100 111728
194	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (E)	453	4	518102 111730
195	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	453	4	517143 112344
196	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	456	4	517977 111343
197	**OS Water Network Nodes** Hydronode Category: Pseudo	A14NW (E)	461	4	518065 111983
198	**OS Water Network Nodes** Hydronode Category: Junction	A17SE (NW)	463	4	517128 112345
199	**OS Water Network Nodes** Hydronode Category: Source	A14SW (E)	484	4	518133 111761
200	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (E)	487	4	518137 111740
201	**OS Water Network Nodes** Hydronode Category: Pseudo	A14NW (E)	491	4	518098 111980
202	**OS Water Network Nodes** Hydronode Category: Junction	A14SW (E)	491	4	518141 111742
203	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (SE)	498	4	518128 111563
204	**OS Water Network Nodes** Hydronode Category: Source	A12SE (W)	501	4	516900 111618
205	**OS Water Network Nodes** Hydronode Category: Source	A14SW (E)	508	4	518154 111673
206	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	528	4	517907 111192
207	**OS Water Network Nodes** Hydronode Category: Pseudo	A9NW (SE)	530	4	517906 111189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	**OS Water Network Nodes** Hydronode Category: Junction	A17SE (NW)	540	4	517039 112372
209	**OS Water Network Nodes** Hydronode Category: Source	A17SE (NW)	542	4	517070 112401
210	**OS Water Network Nodes** Hydronode Category: Source	A14SW (E)	543	4	518179 111591
211	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SW (E)	544	4	518193 111792
212	**OS Water Network Nodes** Hydronode Category: Junction	A19SW (NE)	548	4	517942 112406
213	**OS Water Network Nodes** Hydronode Category: Pseudo	A19SW (NE)	552	4	517942 112412
214	**OS Water Network Nodes** Hydronode Category: Pseudo	A19SW (NE)	556	4	517940 112418
215	**OS Water Network Nodes** Hydronode Category: Source	A7NE (SW)	561	4	516977 111339
216	**OS Water Network Nodes** Hydronode Category: Junction	A7NE (SW)	561	4	516973 111344
217	**OS Water Network Nodes** Hydronode Category: Pseudo	A19SW (NE)	565	4	517933 112438
218	**OS Water Network Nodes** Hydronode Category: Pseudo	A14SE (E)	567	4	518216 111802
219	**OS Water Network Nodes** Hydronode Category: Junction	A14SE (E)	577	4	518226 111808
220	**OS Water Network Nodes** Hydronode Category: Source	A8SE (S)	583	4	517727 111070
221	**OS Water Network Nodes** Hydronode Category: Junction	A17SE (NW)	614	4	516983 112422
222	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	615	4	516966 112406
223	**OS Water Network Nodes** Hydronode Category: Junction	A14NE (E)	627	4	518227 112025
224	**OS Water Network Nodes** Hydronode Category: Junction	A17SE (NW)	630	4	516980 112440
225	**OS Water Network Nodes** Hydronode Category: Junction	A14NE (E)	632	4	518267 111913
226	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	639	4	516945 112419
227	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	640	4	516958 112433

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	646	4	516953 112436
229	**OS Water Network Nodes** Hydronode Category: Junction	A14NE (E)	648	4	518293 111858
230	**OS Water Network Nodes** Hydronode Category: Junction	A14NE (E)	652	4	518297 111858
231	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	656	4	516975 112469
232	**OS Water Network Nodes** Hydronode Category: Source	A17SE (NW)	709	4	516868 112439
233	**OS Water Network Nodes** Hydronode Category: Pseudo	A17SE (NW)	711	4	516906 112482
234	**OS Water Network Nodes** Hydronode Category: Source	A14SE (E)	737	4	518387 111768
235	**OS Water Network Nodes** Hydronode Category: Pseudo	A18NE (N)	760	4	517598 112778
236	**OS Water Network Nodes** Hydronode Category: Source	A17NE (NW)	762	4	517067 112656
237	**OS Water Network Nodes** Hydronode Category: Pseudo	A18NE (N)	765	4	517598 112783
238	**OS Water Network Nodes** Hydronode Category: Pseudo	A17NE (NW)	768	4	517056 112658
239	**OS Water Network Nodes** Hydronode Category: Pseudo	A17NE (NW)	770	4	517052 112657
240	**OS Water Network Nodes** Hydronode Category: Source	A17NE (NW)	798	4	516990 112656
241	**OS Water Network Nodes** Hydronode Category: Junction	A17NE (NW)	814	4	516990 112673
242	**OS Water Network Nodes** Hydronode Category: Junction	A17NE (NW)	816	4	516987 112674
243	**OS Water Network Nodes** Hydronode Category: Pseudo	A17NW (NW)	849	4	516758 112527
244	**OS Water Network Nodes** Hydronode Category: Source	A7NW (SW)	854	4	516671 111259
245	**OS Water Network Nodes** Hydronode Category: Pseudo	A17NW (NW)	855	4	516753 112529
246	**OS Water Network Nodes** Hydronode Category: Junction	A15SW (E)	918	4	518567 111796
247	**OS Water Network Nodes** Hydronode Category: Source	A15SW (E)	930	4	518579 111703

OS Water Network Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
248	**OS Water Network Nodes** Hydronode Category: Pseudo	A23SE (N)	947	4	517628 112964
249	**OS Water Network Nodes** Hydronode Category: Source	A23SE (N)	952	4	517655 112966
250	**OS Water Network Nodes** Hydronode Category: Source	A23SE (N)	952	4	517636 112968
251	**OS Water Network Nodes** Hydronode Category: Outlet	A23SE (N)	968	4	517682 112979
252	**OS Water Network Nodes** Hydronode Category: Source	A9SE (SE)	977	4	518254 110889
253	**OS Water Network Nodes** Hydronode Category: Junction	A17SW (NW)	985	4	516566 112495
254	**OS Water Network Nodes** Hydronode Category: Pseudo	A16SE (NW)	992	4	516498 112384

EA/NRW Historic Flood Events Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
255	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 1st June 1981 Flood Event End Date: 1st June 1981	A13SE (S)	145	1	517607 111502
256	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 11th October 1980 Flood Event End Date: 11th October 1980	A13SW (SW)	150	1	517368 111532
257	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 23rd November 1974 Flood Event End Date: 23rd November 1974	A13SW (SW)	151	1	517374 111539
258	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 23rd November 1974 Flood Event End Date: 23rd November 1974	A14SW (E)	402	1	518050 111700
259	**Historic Flood Events** Flood Event Type: Historic Flood Event - Fluvial Flooding Cause: Channel Capacity Exceeded (no raised defences) Source: Environment Agency, Head Office Flood Event Start Date: 11th October 1980 Flood Event End Date: 11th October 1980	A8NW (S)	454	1	517299 111274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (SW)	144	1	517374 111539
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	161	1	517543 111475
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	167	1	517532 111470
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A8NE (S)	204	1	517525 111470
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (SW)	218	1	517338 111505
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (SW)	218	1	517325 111510
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (SW)	220	1	517350 111501
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A13SW (SW)	222	1	517327 111505
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SE (NE)	236	1	517710 112205
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SE (N)	240	1	517620 112250
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SE (N)	256	1	517540 112275
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (SE)	296	1	517925 111580
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	312	1	517390 112295
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (SE)	316	1	517940 111556

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (SE)	319	1	517950 111573
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (SE)	322	1	517954 111586
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	323	1	517355 112295
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SE (N)	327	1	517557 112347
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	329	1	517350 112300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	330	1	517505 112345
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (SE)	330	1	517963 111600
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	333	1	517305 112290
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	333	1	517320 112295
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	336	1	517500 112351
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	344	1	517300 112300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	348	1	517446 112350
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	360	1	517367 112338
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (N)	363	1	517395 112350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	365	1	517360 112341
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	371	1	517350 112344
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SW (NW)	373	1	517185 112275
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	377	1	517340 112347
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	383	1	517979 111977
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	390	1	517315 112353
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	396	1	517996 111975
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A18SW (N)	399	1	517300 112358
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A18SE (NE)	405	1	517787 112350
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	409	1	518010 111975
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	440	1	518045 111975
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	440	1	518050 111965
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	448	1	517147 112340
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (E)	450	1	518100 111740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (E)	451	1	518100 111721
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (E)	458	1	518100 111650
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	458	1	518063 111980
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	469	1	518075 111980
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	481	1	518090 111975
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (E)	492	1	518140 111825
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SW (E)	502	1	518150 111700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14NW (E)	514	1	518115 112000
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A19SW (NE)	515	1	517900 112400
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A17SE (NW)	550	1	517039 112385
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	557	1	518206 111795
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A19SW (NE)	559	1	518095 112200
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A19SW (NE)	587	1	518000 112400
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SE (NW)	600	1	517000 112417

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	602	1	518250 111822
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A19SW (NE)	615	1	518100 112300
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	631	1	518258 111950
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (NE)	644	1	518200 112117
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A17SE (NW)	644	1	516970 112450
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	651	1	518300 111800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	656	1	518300 111862
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	675	1	518325 111800
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: High - Greater than or equal to 1 in 30 (3.3%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	704	1	518351 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	750	1	518400 111824
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	754	1	518400 111849
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	783	1	518430 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A14SE (E)	789	1	518438 111700
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	794	1	518441 111850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	795	1	518442 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	795	1	518441 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	796	1	518443 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	797	1	518444 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: Town to Street Source: Environment Agency, Head Office	A14NE (E)	798	1	518444 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A15NW (E)	939	1	518586 111850
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A15SW (E)	950	1	518600 111750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Low - Less than 1 in 100 (1%) but greater than or equal to 1 in 1,000 (0.1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A15SW (E)	1000	1	518650 111750
	Risk of Flooding from Rivers and Sea (RoFRS) Flood Risk Assessment: Medium - Less than 1 in 30 (3.3%) but greater than or equal to 1 in 100 (1%) chance in any given year Suitability Scale: County to Town Source: Environment Agency, Head Office	A15SW (E)	1000	1	518650 111800

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	June 2025	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
EA / NRW Surface Water Flood Data	**Version**	**Update Cycle**
Surface Water 1 in 30 year Flood Depth Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Depth Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Depth Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 30 year Flood Velocity Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Velocity Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Velocity Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 30 year Flood Flow Direction 25m Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Flow Direction 25m Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Flow Direction 25m Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 30 year Flood Hazard Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Hazard Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Hazard Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually

JBA Flood Data	Version	Update Cycle
JBA 75 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2022	As notified
JBA 75 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2022	As notified
JBA 75 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2022	As notified
JBA 100 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2022	As notified
JBA 100 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2022	As notified
JBA 200 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2022	As notified
JBA 200 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2022	As notified
JBA 200 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2022	As notified
JBA 1000 Year Return (undefended) - Pluvial JBA Risk Management Limited	November 2022	As notified
JBA 1000 Year Return (undefended) - Fluvial JBA Risk Management Limited	November 2022	As notified
JBA 1000 Year Return (undefended) - Coastal JBA Risk Management Limited	November 2022	As notified
JBA Canal Failure JBA Risk Management Limited	November 2022	As notified
JBA Dam Break JBA Risk Management Limited	November 2022	As notified
BGS Flood Data	**Version**	**Update Cycle**
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
GeoSmart Information Groundwater Flooding Data	**Version**	**Update Cycle**
GeoSmart Information Groundwater Flood Risk GeoSmart Information Ltd	October 2020	As notified
OS Water Network Data	**Version**	**Update Cycle**
OS Water Network Lines Ordnance Survey	January 2026	Quarterly
OS Water Network Nodes Ordnance Survey	January 2026	Quarterly
EA/NRW Historic Flood Events Data	**Version**	**Update Cycle**
Historic Flood Events Environment Agency - Head Office	October 2024	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable

EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	Version	Update Cycle
RoFRS - Risk of Flooding from Rivers and Sea Environment Agency - Head Office	January 2024	Not Applicable

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Centre for Ecology and Hydrology	CEH Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	BGS 1835 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
GeoSmart Information	GeoSmart Information
JBA Risk Management	JBA risk management

Useful Contacts

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2	**Landmark Information Group Limited** Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk

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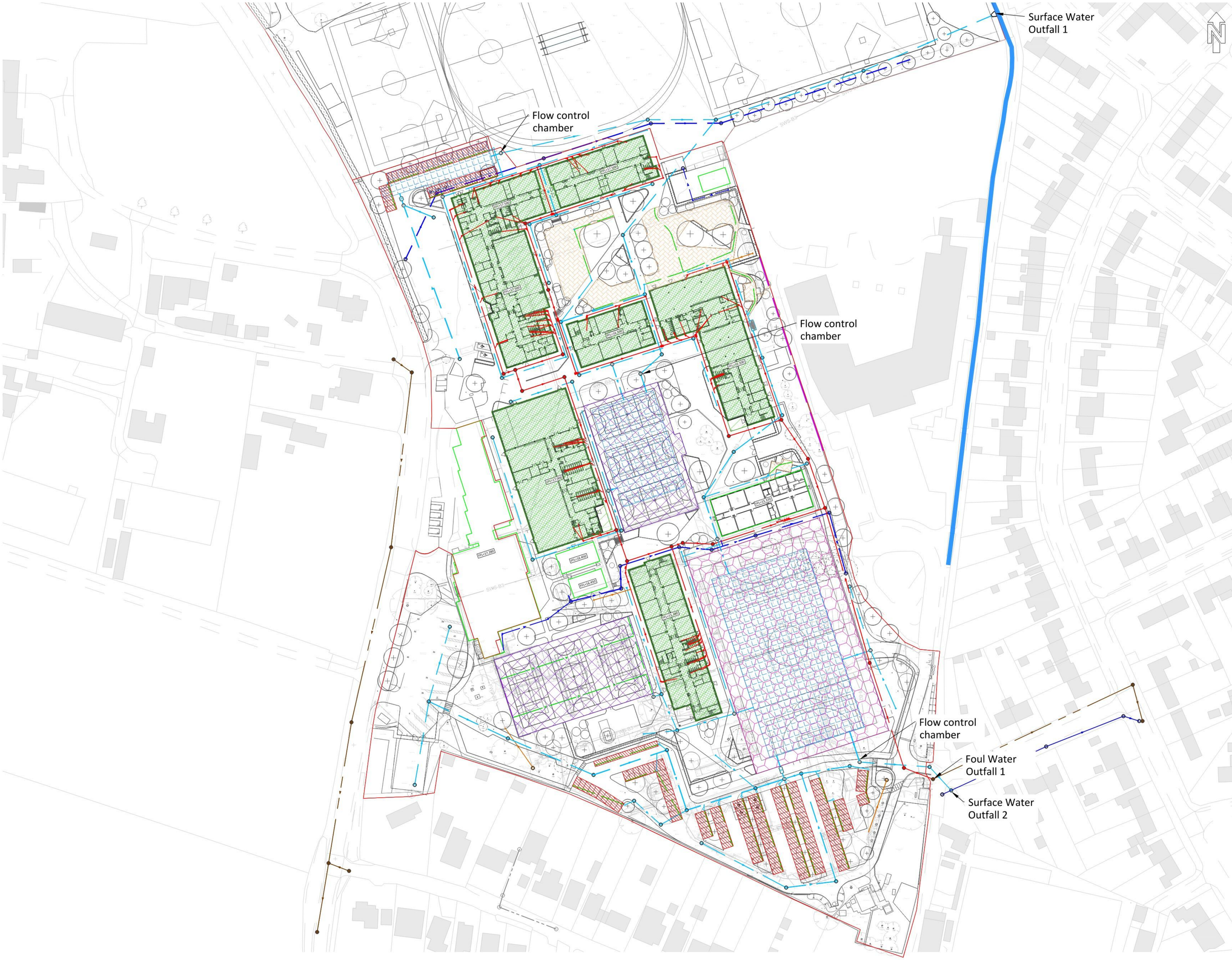
JBA Flood Data Information

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Appendix E – SuDS Strategy Layout



Notes:

1. DO NOT SCALE THIS DRAWING.
   WORK TO FIGURED DIMENSIONS ONLY.
   ALL DIMENSIONS ARE IN MILLIMETRES (mm)
   UNLESS NOTED OTHERWISE.
2. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
3. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
4. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.

KEY

- Green Roof
- Geocellular Attenutation Tank
- Permeable Parking Bays
- Permeable MUGA
- Permeable All Weather Pitch
- Permeable Block Paving

Rev	Date	Amendment	Drn	Chk
P02	17.02.26	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.25	STAGE 3 ISSUE	SV	SP

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Suffolk House 154 High Street
Sevenoaks Kent TN13 1XE UK
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www.ctp-llp.com

Client :

Department for Education

bam

Project Title :

STEYNING GRAMMAR SCHOOL

Drawing Title :

SUDS STRATEGY LAYOUT

CTP ref :	DEIR Ref :	Discipline :
B1641	203	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	NTS @A1

Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :

SRP1121-CTP-00-EX-D-C-1705-P02

Appendix F – Proposed Drainage Strategy Drawings

ADDITIONAL NOTES

Levels

External surface levels have been assumed based on the Stage 3 WWA (Landscape Architect) site landscaping drawings and the proposed building FFLs. The overall design principles should remain unchanged; however, exact levels are to be confirmed at Stage 4 when further detail is available.

Drainage

Proposed surface water discharge rates are to be agreed with the Lead Local Flood Authority (LLFA). A discharge rate of 3 l/s/ha has been assumed in accordance with the National SuDS Standards (Standard 3, Clause 3.18).

General external paths and hard landscaping to fall to gullies and channel drains etc. Allowance for the catchments areas of pedestrian and vehicular hard surfaces have been considered in the drainage modelling and the locations of surface water chambers have been positioned to accommodate the allocation of gullies/channels. However the locations and connections to gullies/channels have not been provided for Stage 3 due to the coridinations with WWA and addiotnal external surface levels that are required before allocating gullies/channels to the layout.

External hard landscaping will drain to gullies/channel drains. Catchments have been included in the drainage modelling and chamber locations set out to suit anticipated gully/channel allocations. Gully/channel locations and connections are not developed at Stage 3 due to ongoing coordination with WWA and the need for further external level information.

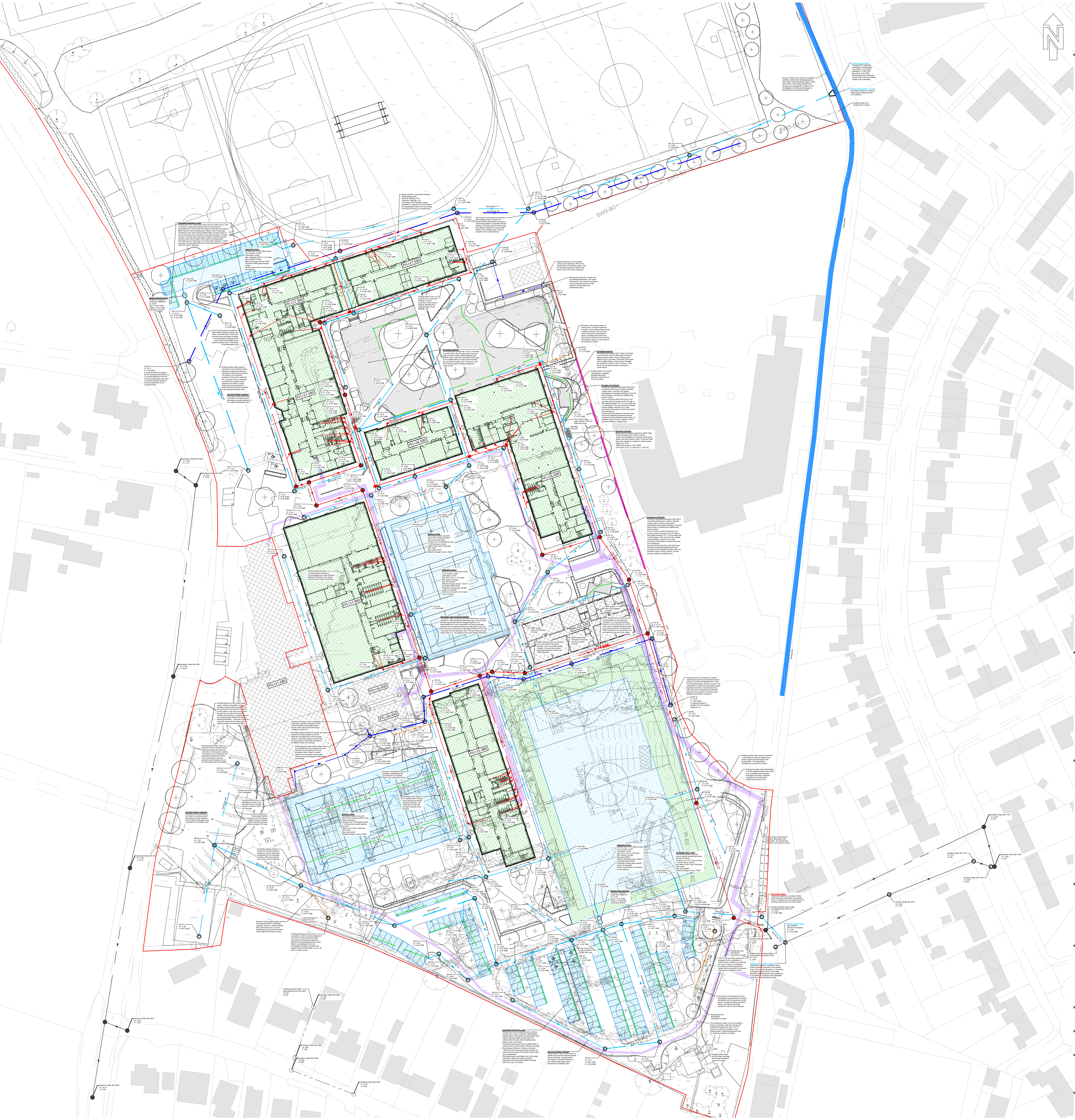
Threshold drains are to be provided at all building entrances.

Manhole and inspection chamber diameter, depth and type are to comply with Building Regulations Part H and, where adoptable/connecting to the public network to comply with the SSG Design and Construction Guidance (2022).

All internal foul connection points are assumed; MEP design is required to confirm foul drainage connections and validate the design.

KEY

- Proposed Private Surface Water Pipe Ø as stated
- Proposed Private Foul Water Pipe Ø as stated
- Proposed Diversion Private Surface Water Pipe Ø as stated
- Proposed Diversion Private Foul Water Pipe Ø as stated
- Proposed Surface Water Perforated Pipe Private - Ø as stated
- Proposed Cut Off Drain
- Existing Public Surface Water Pipe Ø and gradient as stated
- Existing Public Foul Water Pipe Ø and gradient as stated
- Existing drain to be abandoned and filled with PFA cement grout.
- Proposed Private Surface Water PPIC
- Proposed Private Foul Water PPIC
- Proposed Private Foul Water Diversion PPIC
- Proposed Private Surface Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Surface Water Diversion Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Diversion Manhole - Pre-Cast Concrete - Ring
- PI Proposed Petrol Interceptor
- CP Proposed Catchpit
- HB Proposed Hydro-Brake
- Proposed Geo-Cellular Attenuation
- Proposed Headwall - To Adoptable Standards
- Proposed Permeable Pedestrian Paving - Lined
- Proposed Permeable Vehicular Paving - Lined
- Proposed Porous All Weather Pitch - Lined
- Proposed Porous Asphalt Muga - LIned
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor



Notes:

1. DO NOT SCALE THIS DRAWING.
   WORK TO FIGURED DIMENSIONS ONLY.
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6. For CDM residual risks and identified health and safety hazards, refer to Hazard Identification Drawing SRP1121-CTP-ZZ-00-D-C-1700.

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP

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Client :

Department for Education

1614

bam

Project Title :
STEYNING GRAMMAR SCHOOL

Drawing Title :
DRAINAGE LAYOUT SITE WIDE

CTP ref :	DEIR Ref :	Discipline :
B1641	165	CIVILS
drawn by :	date :	drawing scales :
SV	DEC-25	NTS @A1 Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference :
project : originator : volume : level : type : role : number : revision :
SRP1121 - CTP - 00 - EX - D - C - 1500 - P02

Tank Outlet
IL 12.95 375Ø

Tank Inlet
IL 12.95 375Ø

Bypass Petrol Interceptor
Kingspan Klargester or similar Ref: NSBE015
CL 14.35
Inlet IL 12.97 375Ø
Outlet IL 12.96 375Ø
Catchment: 6931m²

Size: 85.0 x 45.0 x 0.8m deep
95% Cellular Porosity
Plan Area 3825m²
Effective Storage Volume: 2907m³ of storage below MUGA
Pedestrian loading (high strength crates not required)
Number and location of vent pipes to be confirmed

Permeable surface, assumed porous asphalt overlaid with shock pad and turf finish
Surface Level 14.377 (@ low spot)
1:120 fall across surface
Min 400mm thick Type 3 Sub-base
30% Voids
Plan Area 6386m²
Effective Storage Volume: 766m³

Permeable Pavements - Lined
Parking bays to be constructed using a porous surface over a Type 3 sub-base. Impermeable asphalt aisles to fall towards the permeable bays. Total construction depth is assumed to be 450mm (60mm blocks, 50mm bedding sand, 340mm Type 3 sub-base).
Perforated carrier pipes will be installed within a sunken trench at the low side of the bay, beneath the sub-base formation. Provide a minimum 1:200 fall in the sub-base formation towards the carrier trenches where the formation levels need to be manipulated .
Perforated pipes to discharge to an orifice plate chamber to restrict the outlet, providing attenuation and maximising effective storage within the Type 3 sub-base.

Car Park Pollution Treatment
Where areas of the car park drain via gullies and cannot be drained towards porous surfacing, a bypass petrol interceptor is provided upstream of the outfall to attenuation tank 3 beneath the all-weather pitch

Flow control orifice plate chambers, PPIC 600Ø with sump

Foul sewer to be diverted due to the downstream manhole/sewer not being compatible with the proposed car park layout. If possible existing chamber to remain and channel benching replaced to suit the new outlet pipe

Existing gully and downstream connection to remain

The existing foul sewer from the caretaker's house is to remain under the road and be protected throughout the works. CCTV survey to confirm the condition of the existing sewer. Repairs/replacement may be necessary subject to condition

Existing surface water and foul water drainage serving the caretaker's house is to remain

Existing gully and downstream connection to remain

A CCTV survey of the existing foul drainage is to be undertaken to confirm sewer condition and potential for reuse. If reuse is not feasible, connections to the proposed foul network will be required for diversions, including the caretaker's house.

Foul Water Outfall 1
Connection subject to a Southern Water S106 connection application and capacity check. A backdrop is to be provided into the existing chamber due to its 3.55m depth

Existing Southern Water Public Foul Manhole Ref: MH '6701'
CL 14.45
IL 10.90 150Ø

Southern Water MH '6701'
CL 14.30
IL 10.93

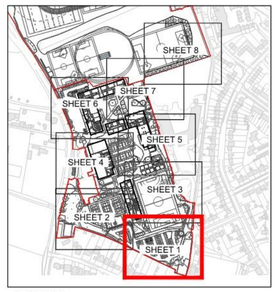
Existing Southern Water Public Surface Manhole Ref: MH '6752'
CL 14.30
IL 12.65

Surface Water Outfall 2 - 5.84 l/s
Connection subject to a Southern Water S106 connection application and capacity check. Due to level constraints, a connection to existing manhole '6752' is not viable; therefore, the downstream sewer gradient is to be utilised to construct a new adoptable manhole on the downstream sewer.

Surface Water Outfall 2
New manhole
SW 82 (For Adoption)
CL 14.33
IL 12.58 150Ø

SW 65
CL 15.31
IL 14.19 150Ø
SW 66
CL 15.30
IL 13.78 225Ø
IL 13.70 300Ø
SW 70
CL 15.38
IL 14.06 225Ø
SW 41
CL 14.98
IL 14.38 150Ø
SW 40
CL 14.89
IL 13.69 300Ø
SW 48
CL 14.95
IL 14.20 300Ø
SW 43
CL 15.00
IL 13.49 150Ø
IL 13.42 300Ø
SW 49
CL 14.91
IL 13.86 150Ø
SW 50
CL 14.82
IL 13.77 150Ø
SW 51
CL 14.54
IL 13.49 150Ø
SW 54
CL 15.31
IL 14.26 150Ø
SW 47
CL 14.24
IL 13.19 150Ø
IL 13.04 300Ø
SW 53
CL 14.26
IL 13.12 225Ø
IL 13.05 300Ø
IL 12.98 375Ø
SW 62
CL 14.30
IL 13.25 150Ø
SW 52
CL 14.39
IL 13.34 150Ø
SW 63
CL 14.31
IL 13.26 150Ø
SW 57
CL 14.32
IL 13.24 150Ø
IL 13.19 225Ø
SW 59
CL 14.55
IL 13.44 150Ø
IL 13.37 225Ø
SW 61
CL 14.21
IL 13.37 150Ø
SW 60
CL 14.60
IL 13.55 150Ø
SW 80
CL 14.35
IL 12.885 150Ø
10.65 l/s Hydrobrake
SW 58
CL 14.50
IL 13.45 150Ø
SW 81
CL 14.29
IL 12.675 150Ø
FW 40
CL 14.27
IL 12.12 150Ø
D-FW 05
CL 14.46
IL 11.91 100Ø
D-FW 06
CL 15.77
IL 15.12 100Ø
SW 55
CL 14.71
IL 13.64 150Ø
IL 13.56 225Ø
SW 56
CL 14.59
IL 13.44 225Ø

300mmØ @ 1/105
150mmØ @ 1/31
225mmØ @ 1/140
RWP
300mmØ @ 1/200
150mmØ @ 1/140
150mmØ @ 1/24
375mmØ @ 1/250
225mmØ @ 1/104
225mmØ @ 1/123
150mmØ @ 1/110
150mmØ @ 1/150
300mmØ @ 1/217
300mmØ @ 1/86
225mmØ @ 1/205
100mmØ @ 1/19
150mmØ @ 1/100
150mmØ @ 1/150
225mmØ @ 1/160
150mmØ @ 1/140



KEY PLAN

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7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500

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- Proposed Private Foul Water Pipe Ø as stated
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- Proposed Diversion Private Foul Water Pipe Ø as stated
- Proposed Surface Water Perforated Pipe Private - Ø as stated
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- Proposed Permeable Vehicular Paving - Lined
- Proposed Porous All Weather Pitch - Lined
- Proposed Porous Asphalt Muga - Lined
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP

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Client : Department for Education

Project Title
STEYNING GRAMMAR SCHOOL

Drawing Title
DRAINAGE LAYOUT SHEET 1

CTP ref:	DEIR Ref :	Discipline :
B1641	165	CIVILS
drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1 Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE
revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1501-P02

Existing surface water sewer is assumed to serve Horsham Road highway drainage (the upstream connection to be traced to confirm). The sewer is to be maintained and protected throughout the works, with a downstream diversion provided around building 15 and the all-weather pitch as indicated.

SW 35
CL 17.44
IL 16.39 225Ø

Existing connections to be investigated

Assumed RWPs to be repositioned as part of the demolition works, possible diversion of leisure centre roof drainage

225mmØ @ 1/85

Car Park Pollution Treatment
Potential car park pollutants to be treated via a bypass petrol interceptor provided upstream of the outfall to attenuation tank 3 beneath the all-weather pitch

Car park to comprise of impermeable asphalt surfacing, with PCC trapped gullies provided along the eastern kerbline to ensure positive drainage of the area

SW 36
CL 17.87
IL 15.90 225Ø

If possible existing chamber to remain and channel benching replaced to suit the outlet pipe arrangement for the proposed diversion, otherwise chamber to be broken out and replaced

300mmØ @ 1/85

225mmØ @ 1/60

D-FW 03
CL 16.78
IL 15.99 100Ø

SW 38
CL 17.12
IL 15.41 300Ø

100Ø @ 1/62

D-FW 04
CL 16.48
IL 15.57 100Ø

IL assumed based on gradient from the existing upstream run.

Diversion of the existing sewer around the proposed MUGA. Investigate upstream sewers to confirm whether they must remain live or can be abandoned as part of the demolition works adjacent the leisure centre.

Existing downstream sewer to be surveyed to confirm the sewer alignment and levels. Current levels have been assumed by extending the upstream gradient to the proposed diversion point. Sewer run heading off site to be investigated, possible connection into Sothern Water FW MH 4604, CL & IL not given in sewer records

Existing Southern Water Public Manhole Ref: MH '4604'
CL N/A
IL N/A

Southern Water MH '4604'
CL TBC
IL TBC

of the demolition works adjacent the leisure centre. May require diverting if needed to remain live

If possible existing chamber to remain and channel benching replaced to suit the outlet pipe arrangement for the proposed diversion, otherwise chamber to be broken out and replaced. Outlet pipe diameter to be 300Ø to match the incoming.

Existing leisure centre surface water sewer to be isolated from the proposed site and diverted around building 15 and the all-weather pitch. Sewer to remain separate from the sites surface water network and be discharged un-attenuated (as existing)

D-SW 07
CL 17.19
IL 16.59 100Ø

100mmØ @ 1/50

100mmØ @ 1/61

D-SW 08
CL 16.63
IL 16.15 100Ø

D-SW 09
CL 17.04
IL 15.90 100Ø
IL 15.70 300Ø

D-FW 01
CL 16.20
IL 15.42 100Ø (TBC)
Invert to be surveyed

300mmØ @ 1/23

100mmØ @ 1/12

SW 67
CL 15.31
IL 14.56 225Ø

CL 15.35
IL 14.04 100Ø
IL 13.99 150Ø

FFL=15.380

100mmØ @ 1/80

225mmØ @ 1/140

Diversion of existing EFAI foul drainage, existing/proposed ground level vary. Existing sewer to be surveyed for levels

150mmØ @ 1/200 Perforated Pipe

Perforated carrier pipes to be installed within a sunken trench beneath the MUGA sub-base formation, min 1:200 slope of sub-base formation towards carrier trenches

MUGA 2 - Lined
Permeable Asphalt, assumed 90mm thick surfacing (450mm thick total construction)
Surface Level 15.278 (@ low spot)
1:120 fall across surface towards low point
360mm thick Type 3 Sub-base
30% Voids
Plan Area 2344m²
Effective Storage Volume: 253m³

FW 31
CL 15.35
IL 14.60 100Ø

SW 69
CL 15.31
IL 14.56 150Ø

SW 68
CL 15.31
IL 14.19 150Ø

SW 41
CL 14.98
IL 14.38 150Ø

SW 40
CL 14.89
IL 13.69 300

300mmØ @ 1/34

300mmØ @ 1/73

300mmØ @ 1/105

SW 39
CL 15.90
IL 14.50 300Ø

SW 42
CL 14.76
IL 13.71 150Ø

SW 44
CL 15.20
IL 14.45 150Ø

SW 45
CL 15.20
IL 14.45 150Ø

SW 46
CL 15.60
IL 13.93 150Ø

150mmØ @ 1/31

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- Proposed Headwall - To Adoptable Standards
- Proposed Permeable Pedestrian Paving - Lined
- Proposed Permeable Vehicular Paving - Lined
- Proposed Porous All Weather Pitch - Lined
- Proposed Porous Asphalt Muga - LIned
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200

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7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500



KEY PLAN

P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES — SV SP
P01	19.12.2025	STAGE 3 ISSUE — SV SP
Rev	Date	Amendment — Drn Chk

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Client :
Department for Education
bam

Project Title :
STEYNING GRAMMAR SCHOOL

Drawing Title :
DRAINAGE LAYOUT SHEET 2

CTP ref	DCR Ref	Discipline
B1641	165	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1 (Unless Noted Otherwise)

status : S5 — status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1502-P02

and MUGA Interface
3 sub-base formation shall fall at a minimum
owards the attenuation tank. The sub-base
nk shall be wrapped together in an
, with a permeable non-woven geotextile
terface between the attenuation crates and
low water to discharge directly from the Type
e attenuation tank. The top of the tank shall
not wrapped in the impermeable membrane).

SW 77
CL 15.55
IL 13.54 225Ø

PSBP surface
water and dowpipes
to remain

PSBP surface
water and dowpipes
to remain

PSBP existing foul connections are to be intercepted via new inspection chambers. A survey of the existing sewers is to be undertaken to confirm levels and to establish whether the foul run is still required for the refurbished PSBP building (not all connections may be retained live as part of the refurb).

FFL=15.370

PSBP existing SW
downpipe to backdrop
into the proposed
manhole

PSBP manhole outlet to be diverted and reconnected to proposed diversion route. If possible existing chamber to remain and channel benching replaced to suit the new 150Ø outlet pipe

150mmØ @ 1/25

FW 38
CL 15.15
IL 13.00 150Ø

D-SW 15
CL 15.00
IL 13.155 300Ø

225mmØ @ 1/86

SW 79
CL 15.35
IL 13.31 150Ø

FW 36
CL 15.32
IL 13.61 150Ø

FW 37
CL 15.30
IL 13.51 150Ø

D-SW 12
CL 15.40
IL 13.96 300Ø

FW 35
CL 15.32
IL 13.66 150Ø

150mmØ @ 1/103

300mmØ @ 1/85

300mmØ @ 1/85

150mmØ @ 1/140

150mmØ @ 1/140

300mmØ @ 1/85

D-SW 14
CL 15.25
IL 13.56 300Ø

300mmØ @ 1/85

D-SW 13
CL 15.25
IL 13.78 300Ø

225mmØ @ 1/45

SW 72
CL 15.27
IL 14.52 225Ø

RWP

RWP

RWP

FFL=15.380

150mmØ @ 1/63

225mmØ @ 1/117

Tank Inlet
IL 12.95 225Ø

Proposed point of connection for surface water leisure centre sewer diversion around building 15 and the all-weather pitch. Invert level of existing sewer unknown, survey to be undertaken to confirm the downstream sewer alignment and levels. Current levels have been assumed by extending the upstream gradient to the proposed connection point. Establish downstream connection

D-SW 16
CL 14.75
IL 12.82 300Ø
IL assumed based on gradient from the existing upstream run.

SW 66
CL 14.70
IL 13.65 150Ø

150mmØ @ 1/140

225mmØ @ 1/33

Existing surface water sewer is assumed to discharge through the neighbouring primary school and discharge to the existing ditch. The downstream connection to be traced to confirm

Existing foul water sewer discharging from the neighbouring primary school to be maintained and protected throughout the works. Upstream connection to be traced and confirmed the sewer is live

SW 65
CL 14.35
IL 12.74 150Ø

FW 39
CL 14.65
IL 12.48 150Ø

225mmØ @ 1/40

Tank Inlet
IL 12.95 225Ø

225mmØ @ 1/60

Existing surface water sewer is assumed to discharge to the existing ditch. The downstream connection to be traced to confirm

SW 64
CL 14.27
IL 13.22 150Ø

150mmØ @ 1/140

FW 34
CL 15.34
IL 14.54 150Ø

FW 31
CL 15.35
IL 14.60 100Ø

SW 68
CL 15.31
IL 14.19 150Ø

225mmØ @ 1/140

225mmØ @ 1/140

SW 71
CL 15.30
IL 13.78 225Ø
IL 13.70 300Ø

300mmØ @ 1/35

Tank Inlet
IL 13.45 300Ø

Attenuation Tank 3
Surface Level 14.415 (@ low spot)
Top of Crates 13.750
Crate Base 12.950
Size: 85.0 x 45.0 x 0.8m deep
95% Cellular Porosity
Plan Area 3825m²
Effective Storage Volume: 2907m³
of storage below MUGA
Pedestrian loading (high strength crates not required)
Number and location of vent pipes to be confirmed

All Weather Pitch - Lined
Permeable surface, assumed porous asphalt overlaid with shock pad and turf finish
Surface Level 14.377 (@ low spot)
1:120 fall across surface
Min 400mm thick Type 3 Sub-base
30% Voids
Plan Area 6386m²
Effective Storage Volume: 766m³

Tank Outlet
IL 12.95 375Ø

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1:200

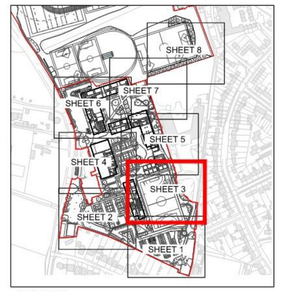
Existing Ditch

KEY

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7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500-P01



KEY PLAN

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP

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Client :
Department for Education
bam

Project Title :
STEYNING GRAMMAR SCHOOL

Drawing Title :
DRAINAGE LAYOUT SHEET 3

CTP ref :	DEIR Ref :	Discipline
B1641	165	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1 Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : SRP1121 - CTP - 00 - EX - D - C - 1503 - P02
(project - originator - volume - level - type - role - number - revision)

KEY

- Proposed Private Surface Water Pipe Ø as stated
- Proposed Private Foul Water Pipe Ø as stated
- Proposed Diversion Private Surface Water Pipe Ø as stated
- Proposed Diversion Private Foul Water Pipe Ø as stated
- Proposed Surface Water Perforated Pipe Private - Ø as stated
- Proposed Cut Off Drain
- Existing Public Surface Water Pipe Ø and gradient as stated
- Existing Public Foul Water Pipe Ø and gradient as stated
- Existing drain to be abandoned and filled with PFA cement grout.
- Proposed Private Surface Water PPIC
- Proposed Private Foul Water PPIC
- Proposed Private Foul Water Diversion PPIC
- Proposed Private Surface Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Surface Water Diversion Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Diversion Manhole - Pre-Cast Concrete - Ring
- PI — Proposed Petrol Interceptor
- CP — Proposed Catchpit
- HB — Proposed Hydro-Brake
- Proposed Geo-Cellular Attenuation
- Proposed Headwall - To Adoptable Standards
- Proposed Permeable Pedestrian Paving - Lined
- Proposed Permeable Vehicular Paving - Lined
- Proposed Porous All Weather Pitch - Lined
- Proposed Porous Asphalt Muga - LIned
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

Southern Water MH '4901'
CL 18.14
IL 16.88

IL 15.81 375Ø

SW 03
CL 17.45
IL 16.30 225Ø
IL 16.23 300Ø

CL 17.45
IL 15.40 150Ø

150mmØ @ 1/58

150mmØ @ 1/140

150mmØ @ 1/140

225mmØ @ 1/140

SW 02
CL 17.45
IL 16.59 150Ø
IL 16.52 225Ø

FW 27
CL 17.20
IL 15.03 150Ø

FW 26
CL 17.20
IL 15.18 150Ø

SW 20
CL 17.00
IL 16.25 150Ø

225mmØ @ 1/119

SW 16
CL 17.15
IL 16.40 225Ø

Existing 150dia SW pipe connecting pitch drainage & running diagonally across proposed Building 16 footprint, may require temp diversion subject to phasing

FFL=17.000

FFL=17.280

FFL=16.450

FFL=16.450

CL 16.75
IL 15.00 300Ø

IL 14.82 375Ø

FW 10
CL 16.75
IL 15.28 150Ø

SW 21
CL 16.87
IL 15.98 150Ø

300mmØ @ 1/130

SW 32
CL 16.90
IL 14.73 225Ø
4.65 l/s Hydrobrake

225mmØ @ 1/201

SW 33
CL 16.60
IL 14.66 225Ø

375mmØ @ 1/220

375mmØ @ 1/250

Tank Outlet
IL 14.76 375Ø

Tank Inlet
IL 14.76 375Ø

MUGA 1 - LIned
Permeable Asphalt, assumed
90mm thick surfacing (450mm thick total construction)
Surface Level 16.366 (@ low spot)
1:120 fall across surface
360mm thick Type 3 Sub-base
30% Voids
Plan Area 2125m²
Effective Storage Volume: 230m³

150mmØ @ 1/140

225mmØ @ 1/121

150mmØ @ 1/140

Attenuation Tank 2
Surface Level 16.470 (@ low spot)
Top of Crates 15.960
Crate Base 14.760
Size: 46.0 x 29.0 x 1.2m deep
95% Cellular Porosity
Plan Area 1334m²
Effective Storage Volume: 1521m³ of storage below MUGA
Pedestrian loading (high strength crates not required)
Number and location of vent pipes to be confirmed

Tank Inlet
IL 15.38 300Ø

300mmØ @ 1/220

SW 19
CL 16.92
IL 15.55

Attenuation Tank and MUGA Interface
The MUGA Type 3 sub-base formation shall fall at a minimum gradient of 1:200 towards the attenuation tank. The sub-base and attenuation tank shall be wrapped together in an impermeable liner, with a permeable non-woven geotextile separator at the interface between the attenuation crates and the sub-base to allow water to discharge directly from the Type 3 sub-base into the attenuation tank. The top of the tank shall remain open (i.e., not wrapped in the impermeable membrane).

300mmØ @ 1/140

FW 30
CL 16.96
IL BD 15.91 100Ø
IL 14.80 150Ø

FW 29
CL 17.00
IL 16.08 100Ø

FW 28
CL 17.00
IL 16.19 100Ø

100mmØ @ 1/40

100mmØ @ 1/80

SW 18
CL 16.91
IL 15.61 300Ø

D-SW 12
CL 15.40
IL 13.96 300Ø

FW 35
CL 15.32
IL 13.66 150Ø

150mmØ @ 1/140

150mmØ @ 1/21

D-SW 11
CL 15.40
IL 14.31 300Ø

FW 33
CL 15.50
IL 13.82 150Ø

150mmØ @ 1/140

300mmØ @ 1/85

SW 72
CL 15.27
IL 14.52 225Ø

300mmØ @ 1/85

150mmØ @ 1/140

FW 32
CL 15.50
IL 13.89 150Ø

D-SW 10
CL 15.33
IL 14.43 300Ø

300mmØ @ 1/23

100mmØ @ 1/12

SW 67
CL 15.31
IL 14.56 225Ø

D-FW 02
CL 15.35
IL 14.04 100Ø
IL 13.99 150Ø

D-SW 09
CL 17.04
IL 15.90 100Ø
IL 15.70 300Ø

300mmØ @ 1/51

300mmØ @ 1/76

Possible diversion of the surface water sewer, subject to demolition of the Southern Leisure Centre squash courts and sports hall. The diversion is likely to involve either a new route running south through the car park and around the southern site boundary, or replacement of the existing sewer beneath the building following demolition. Temporary measures would be required for the latter option to keep the sewer live during demolition.

Existing connections to be investigated, assumed to became redundant as part of the demolition works adjacent the leisure centre. May require diverting if needed to remain live

If possible existing chamber to remain and channel benching replaced to suit the outlet pipe arrangement for the proposed diversion, otherwise chamber to be broken out and replaced. Outlet pipe diameter to be 300Ø to match the incoming.

Existing leisure centre surface water sewer to be isolated from the proposed site and

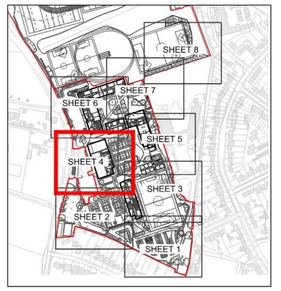
Existing surface water sewer is assumed to serve Horsham Road

Southern Water MH '4801'
CL 17.86
IL 16.08

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200

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7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500



KEY PLAN

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
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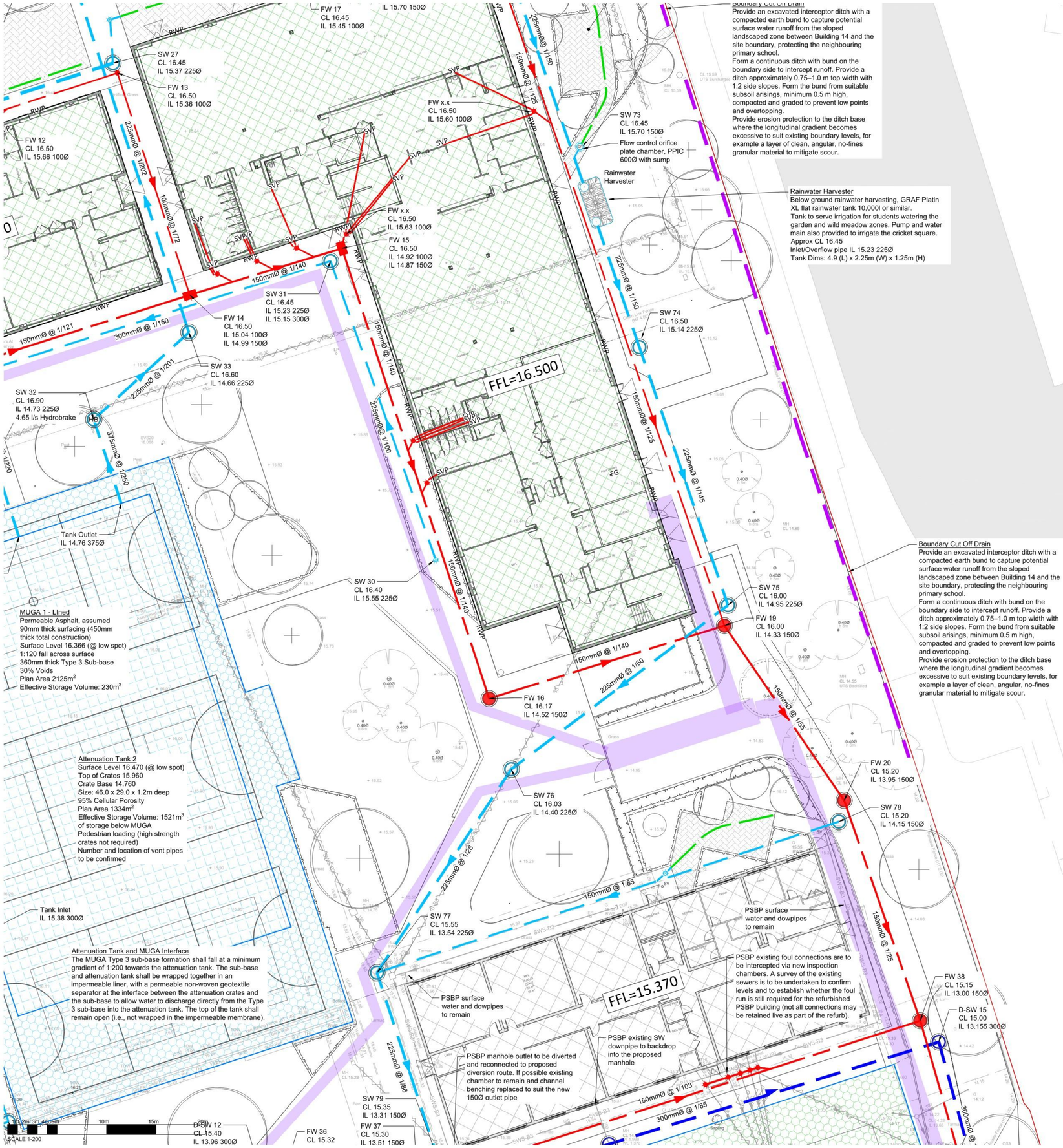
Project Title
STEYNING GRAMMAR SCHOOL

Drawing Title
DRAINAGE LAYOUT SHEET 4

CTP ref:	DEIR Ref :	Discipline:
B1641	165	CIVILS
drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1

Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE
revision status : PRELIMINARY
drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1504-P02

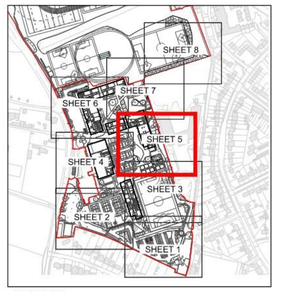


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Client: Department for Education

Project Title: STEYNING GRAMMAR SCHOOL

Drawing Title: DRAINAGE LAYOUT SHEET 5

CTP ref:	DER Ref:	Discipline:
B1641	165	CIVILS

drawn by:	date:	drawing scales:
SV	DEC-25	1:200 @A1 Unless Noted Otherwise

status: S5 — status description: Review & acceptance by the DfE

revision status: PRELIMINARY

drawing reference: project: originator: volume: level: type: role: number: revision:

SRP1121-CTP-00-EX-D-C-1505-P02

Permeable Pavements - Lined
Parking bays to be constructed using a porous surface over a Type 3 sub-base. Impermeable asphalt aisle to fall towards the permeable bays. Total construction depth is assumed to be 450mm (60mm blocks, 50mm bedding sand, 340mm Type 3 sub-base). Perforated carrier pipes will be installed within a sunken trench at the low side of the bay, beneath the sub-base formation. Provide a minimum 1:200 fall in the sub-base formation towards the carrier trenches where the formation levels need to be manipulated . Perforated pipes to discharge to an orifice plate chamber to restrict the outlet, providing attenuation and maximising effective storage within the Type 3 sub-base.

Attenuation Tank 1
Surface Level 17.350 (@ low spot)
Top of Crates 16.600
Crate Base 15.000
Size: (irregular) 640m² x 1.6m deep
95% Cellular Porosity
Effective Storage Volume: 973m³
Vehicular loading (high strength crates)
Number and location of vent pipes to be confirmed

Tank Outlet
IL 15.00 375Ø

Tank Inlet
IL 15.37 300Ø

Tank Inlet
IL 15.00 375Ø

Bypass Petrol Interceptor
Kingspan Klargester or similar Ref: NSBP004
CL 18.20
Inlet IL 15.20 375Ø
Outlet IL 15.10 375Ø
Catchment: 2370m²

D-SW 02
CL 17.35
IL 16.15 300Ø

SW 12
CL 18.20
IL 15.37 300Ø
IL 15.30 375Ø

SW 11A
CL 17.49
IL 16.04 225Ø

Coach parking area to comprise of impermeable asphalt surfacing, with either a channel drain or kerb drain provided along the eastern kerbline to ensure positive drainage of the area. Flows to be treated via the petrol interceptor prior to discharge to the attenuation tank

Existing surface water sewer is assumed to serve Horsham Road highway drainage (the upstream connection to be traced to confirm). The sewer is to be diverted upstream at the point it enters the site. A survey is to be undertaken to confirm the upstream sewer alignment and levels. Current levels have been assumed by extending the downstream gradient to the proposed diversion point.

Car Park Pollution Treatment
Potential car park pollutants to be treated via a bypass petrol interceptor provided upstream of the outfall to attenuation tank 1

SW 13
CL 17.47
IL 14.96 150Ø
2.61 l/s Hydrobrake

SW 06
CL 17.47
IL 15.88 150Ø
IL 15.81 225Ø
IL 15.74 300Ø

D-SW 03
CL 17.37
IL 15.56 300Ø

FW 02
CL 17.47
IL 16.28 150Ø

SW 04
CL 17.45
IL 15.430 300Ø

FW 03
CL 17.45
IL 16.71 100Ø

FW 21
CL 17.45
IL 16.72 100Ø

FW x.x
CL 17.50
IL 16.54 100Ø

FW 07
CL 17.50
IL 15.80 150Ø

SW 08
CL 17.50
IL 16.38 225Ø

SW 07
CL 17.50
IL 16.58 225Ø

FW 08
CL 17.50
IL 15.57 150Ø

SW 01
CL 17.45
IL 16.70 150Ø

FW 23
CL 17.45
IL 16.62 100Ø
IL 16.57 150Ø

FW 24
CL 17.45
IL 15.42 150Ø

FW 25
CL 17.45
IL 15.26 150Ø

FW 22
CL 17.45
IL 15.40 150Ø

SW 02
CL 17.45
IL 16.59 150Ø
IL 16.52 225Ø

FW 27
CL 17.20
IL 15.03 150Ø

SW 03
CL 17.45
IL 16.30 225Ø

SW 11
CL 17.50
IL 15.81 375Ø

Southern Water MH '4902'
CL 18.50
IL 17.15

Southern Water MH '4901'
CL 18.14
IL 16.88

FFL=17.500

FW 01
CL 17.47
IL 16.85 100Ø

FW x.x
CL 17.47
IL 16.65 100Ø

FW x.x
CL 17.10
IL 16.55 100Ø

FW x.x
CL 17.00
IL 16.79 100Ø

FW 06
CL 17.50
IL 15.89 150Ø

SW 09
CL 17.47
IL 16.27 225Ø

Existing sewer to be diverted due to clash with building 13, sewer assumed to serve historic highway drainage from Horsham Road. Sewer 300Ø @ 1:69

SW 34
CL 17.00
IL 14.365 225Ø

Permeable Surfacing
Permeable block paving over a Type
to provide 30% voids for attenuation
build-up: 60mm blocks, 50mm beddi
290mm Type 3 sub-base. Perforatec
to be installed within a sunken trench
the sub-base formation, with a minin
fall on the sub-base formation towar
carrier trench

SW 22
CL 16.35
IL 15.60 150Ø

SW 24
CL 16.45
IL 15.70 150Ø

FW 09
CL 16.50
IL 15.46 150Ø

FW 11
CL 16.50
IL 15.73 100Ø

FW 12
CL 16.50
IL 15.66 100Ø

SW 23
CL 16.50
IL 15.27 150Ø
IL 15.12 300Ø

FFL=16.500

SW 28
CL 16.75
IL 15.00 300Ø

SW 29
CL 16.60
IL 14.89 300Ø
IL 14.82 375Ø

SW 32
CL 16.90
IL 14.73 225Ø
4.65 l/s Hydrobrake

FW 10
CL 16.75
IL 15.28 150Ø

SW 27
CL 16.45
IL 15.37 22

FW 13
CL 16.5
IL 15.36

SW 05
CL 17.60
IL 16.85 150Ø

SW 10
CL 17.
IL 16.6

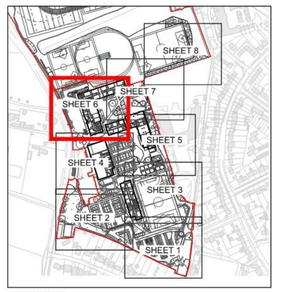
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- Proposed Green Roof
- Existing Building to remain
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1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200

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KEY PLAN

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P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
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Client : Department for Education

bam

Project Title : STEYNING GRAMMAR SCHOOL

Drawing Title : DRAINAGE LAYOUT SHEET 6

CTP ref :	DEIR Ref :	Discipline :
B1641	165	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1

Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1506-P02

Sewer diversion of assumed Horsham Road highway drain
Existing: 300Ø @ ≈1:70
Proposed: 300Ø @ ≈1:87
The impact of the change in sewer gradients on capacity is to be confirmed by calculating the flows from the existing connections that are to be abandoned.

SW 14
CL 16.50
IL 14.375 150Ø

150mmØ @ 1/117

300mmØ @ 1/87

D-SW 04
CL 16.55
IL 14.97 300Ø

SW 05
CL 17.60
IL 16.85 150Ø

The diversion of the assumed Horsham Road highway drain is required to connect further downstream to achieve a reasonable gradient, comparable with the existing. Thus being able to demonstrate that sufficient capacity can be provided relative to the existing sewer, which is assumed to be running full bore.

SW 15
CL 15.75
IL 14.115 150Ø
IL 14.040 225Ø

D-SW 05
CL 16.08
IL 14.61 300Ø

225mmØ @ 1/202

300mmØ @ 1/87

SW 15A
CL 14.85
IL 13.69 225Ø

300mmØ @ 1/87

150mmØ @ 1/52

FW 01
CL 17.47
IL 16.85 100Ø

FW x.x
CL 17.47
IL 16.65 100Ø

FFL=17.500

FW x.x
CL 17.10
IL 16.55 100Ø

100mmØ @ 1/77

FW 04
CL 17.00
IL 16.45 100Ø

D-SW 06
CL 16.36
IL 15.50 300Ø

FW x.x
CL 17.00
IL 16.79 100Ø

FW 05
CL 17.30
IL 16.32 100Ø
IL 16.27 150Ø

SW 10
CL 17.45
IL 16.63 225Ø

150mmØ @ 1/140

225mmØ @ 1/127

Existing sewer to be diverted due to clash with building 13, sewer assumed to serve historic highway drainage from Horsham Road. Sewer 300Ø @ 1:69

Proposed diversion of the existing surface water downpipe. PPIC to be constructed on the existing sewer, with the diverted connection routed to the sewer to the north of the compound.

Existing foul manhole to remain and be diverted downstream. The sewer downstream may need to be re-laid to suit the proposed diversion (TBC subject to survey levels and downstream trace)

ExFW x.x
CL 16.03
IL 15.53 100Ø

SW 34
CL 17.00
IL 14.365 225Ø

225mmØ @ 1/202

100mmØ @ 180

Diversion of the existing sewer. If levels permit, construct inspection chamber on the existing sewer (levels currently unknown). Survey sewer levels and trace the downstream sewer. If existing sewer levels are discovered to be lower than as shown the upstream sewer is to be re-laid to the gradient as shown

Permeable Surfacing
Permeable block paving over a Type 3 sub-base to provide 30% voids for attenuation Assumed build-up: 60mm blocks, 50mm bedding sand, 290mm Type 3 sub-base. Perforated carrier pipe to be installed within a sunken trench beneath the sub-base formation, with a minimum 1:200 fall on the sub-base formation towards the carrier trench

FW 18
CL 16.45
IL 14.99 100Ø
IL 14.94 150Ø

ExFW 07
CL 16.00
IL 15.15 100Ø

Permeable Surfacing
Permeable block paving over a Type 3 sub-base to provide 30% voids for attenuation Assumed build-up: 60mm blocks, 50mm bedding sand, 290mm Type 3 sub-base. Perforated carrier pipe to be installed within a sunken trench beneath the sub-base formation, with a minimum 1:200 fall on the sub-base formation towards the carrier trench

100mmØ @ 1/80

150mmØ @ 1/100

100mmØ @ 1/70

SW 26
CL 16.45
IL 15.51 150Ø
IL 15.43 225Ø

Existing sewer to be traced downstream to highlight possible alternative diversion routes that are more favourable

SW 22
CL 16.35
IL 15.60 150Ø

SW 25
CL 16.45
IL 15.70 150Ø

FW 17
CL 16.45
IL 15.45 100Ø

Boundary Cut Off Drain
Provide an excavated interceptor ditch with a compacted earth bund to capture potential surface water runoff from the sloped landscaped zone between Building 14 and the site boundary, protecting the neighbouring primary school.
Form a continuous ditch with bund on the boundary side to intercept runoff. Provide a ditch approximately 0.75–1.0 m top width with 1:2 side slopes. Form the bund from suitable subsoil arisings, minimum 0.5 m high, compacted and graded to prevent low points

225mmØ @ 1/150

150mmØ @ 1/125

SW 27
CL 16.45
IL 15.37 225Ø

FW 13
CL 16.50
IL 15.36 100Ø

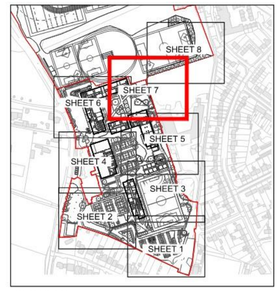
FW x.x

100mmØ @ 1/80

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1:200

Notes:

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4. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.
5. All drainage proposals are subject to Stage 4 design.
6. For CDM residual risks and identified health and safety hazards, refer to Hazard Identification Drawing SRP1121-CTP-ZZ-00-D-C-1700.
7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500



KEY PLAN

KEY

- Proposed Private Surface Water Pipe Ø as stated
- Proposed Private Foul Water Pipe Ø as stated
- Proposed Diversion Private Surface Water Pipe Ø as stated
- Proposed Diversion Private Foul Water Pipe Ø as stated
- Proposed Surface Water Perforated Pipe Private - Ø as stated
- Proposed Cut Off Drain
- Existing Public Surface Water Pipe Ø and gradient as stated
- Existing Public Foul Water Pipe Ø and gradient as stated
- Existing drain to be abandoned and filled with PFA cement grout.
- Proposed Private Surface Water PPIC
- Proposed Private Foul Water PPIC
- Proposed Private Foul Water Diversion PPIC
- Proposed Private Surface Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Surface Water Diversion Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Manhole - Pre-Cast Concrete - Ring
- Proposed Private Foul Water Diversion Manhole - Pre-Cast Concrete - Ring
- PI Proposed Petrol Interceptor
- CP Proposed Catchpit
- HB Proposed Hydro-Brake
- Proposed Geo-Cellular Attenuation
- Proposed Headwall - To Adoptable Standards
- Proposed Permeable Pedestrian Paving - Lined
- Proposed Permeable Vehicular Paving - Lined
- Proposed Porous All Weather Pitch - Lined
- Proposed Porous Asphalt Muga - LIned
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP

ctp consulting engineers
Suffolk House 154 High Street
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Client :
Department for Education
bam

Project Title :
STEYNING GRAMMAR SCHOOL

Drawing Title :
DRAINAGE LAYOUT SHEET 7

CTP ref:	DEfE Ref :	Discipline :
B1641	165	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1

Unless Noted Otherwise

status : S5 — status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1507-P02

KEY

- Proposed Private Surface Water Pipe Ø as stated
- Proposed Private Foul Water Pipe Ø as stated
- Proposed Diversion Private Surface Water Pipe Ø as stated
- Proposed Diversion Private Foul Water Pipe Ø as stated
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- Proposed Porous Asphalt Muga - LIned
- Proposed Green Roof
- Existing Building to remain
- Indicative Utilities Corridor

Existing Ditch

Survey of watercourse required to establish condition, water levels and topographical data. Water monitoring station approx 100m downstream. Any existing outfalls to be surveyed and downstream condition to be investigated to identify any blockages or issues with the proposed discharge.

Surface Water Outfall 1
Proposed PCC Headwall
connection to existing ditch
Top of Bank 13.83 (TBC)
Headwall IL 13.38 (TBC)
Ditch Base 13.33 (TBC)
Existing ditch levels assumed, survey of ditch and any existing outfalls to be undertaken

Surface Water Outfall 1 - 6.19 l/s
Connection subject to a ordinary watercourse consent with the LLFA (WSCC).

Existing outfall to be located and surveyed

225mmØ @ 1/202

SW 15A
CL 14.85
IL 13.69 225Ø

300mmØ @ 1/87

225mmØ @ 1/202

150Ø
225Ø

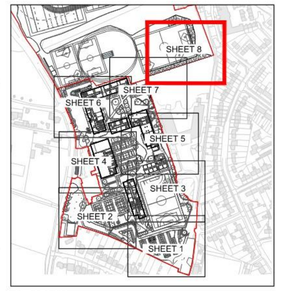
V 05
6.08
.61 300Ø

Existing Ditch

1m 2m 3m 4m 5m 10m 15m 20m
SCALE 1-200

Notes:

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7. For additional notes refer to Site Wide Drainage Layout SRP1121-CTP-ZZ-00-D-C-1500



KEY PLAN

Rev	Date	Amendment	Drn	Chk
P02	17.02.2026	UPDATED TO SUIT SITE LAYOUT CHANGES	SV	SP
P01	19.12.2025	STAGE 3 ISSUE	SV	SP

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Client :
Department for Education
bam

Project Title :
STEYNING GRAMMAR SCHOOL

Drawing Title :
DRAINAGE LAYOUT SHEET 8

CTP ref :	DER Ref :	Discipline :
B1641	165	CIVILS

drawn by :	date :	drawing scales :
SV	DEC-25	1:200 @A1

Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status : PRELIMINARY

drawing reference : project : originator : volume : level : type : role : number : revision :
SRP1121-CTP-00-EX-D-C-1508-P02

Appendix G - Greenfield Runoff Calculations

Company::	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks, TN13 1XE	12/12/2025 Designed by: SV	Checked by: SP	Approved By: LB
Report Title: UK and Ireland Rural Runoff Calculator	Project:: B1641 - Steyning Grammar School Surface Water Network Greenfield Runoff		

ICP SUDS / IH 124

Details

Method	ICP SUDS
Area (ha)	5.974
SAAR (mm)	900.0
Soil	0.1
Region	Region 7
Urban	0
Return Period (years)	0

Results

Region	QBAR Rural (L/s)	QBAR Urban (L/s)	Q 1 (years) (L/s)	Q 30 (years) (L/s)	Q 100 (years) (L/s)
Region 7	1.3	1.3	1.1	3.1	4.3

Appendix H - Hydraulic Modelling (InfoDrainage)

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SW13	Manhole	517454.497	112009.245	17.470	2.510	14.960	Circular	1.200
SW14	Manhole	517510.441	112027.509	16.500	2.040	14.460	Circular	1.200
SW15	Manhole	517560.961	112033.708	15.750	1.790	13.960	Circular	1.200
SW34	Manhole	517509.811	111971.624	17.000	2.630	14.370	Circular	1.200
SW33	Manhole	517527.300	111918.116	16.600	1.940	14.660	Circular	1.200
SW32	Manhole	517517.685	111909.323	16.900	2.170	14.730	Circular	1.200
SW16	Manhole	517450.773	111880.512	17.150	0.750	16.400	Circular	1.200
SW17	Manhole	517468.828	111825.197	16.800	0.820	15.980	Circular	1.200
SW18	Manhole	517509.081	111838.360	16.910	1.300	15.610	Circular	1.200
SW19	Manhole	517503.136	111856.379	16.920	1.440	15.480	Circular	1.200
SW20	Manhole	517458.992	111896.668	17.000	0.750	16.250	Circular	1.200
SW21	Manhole	517486.769	111905.736	16.870	0.890	15.980	Circular	1.200
SW30	Manhole	517552.244	111895.129	16.450	0.820	15.630	Circular	0.600
SW31	Manhole	517541.606	111925.317	16.450	1.150	15.300	Circular	1.200
SW29	Manhole	517504.845	111913.632	16.600	1.710	14.890	Circular	1.200
SW28	Manhole	517489.961	111908.766	16.750	1.750	15.000	Circular	1.200
SW23	Manhole	517481.685	111932.836	16.500	1.380	15.120	Circular	1.200
SW22	Manhole	517495.654	111951.515	16.350	0.750	15.600	Circular	0.600
SW27	Manhole	517519.623	111945.318	16.450	1.080	15.370	Circular	1.200
SW26	Manhole	517537.082	111955.502	16.450	0.820	15.630	Circular	0.600
SW25	Manhole	517519.293	111949.676	16.450	1.060	15.390	Circular	1.200
SW1	Manhole	517479.133	111931.712	17.450	0.750	16.700	Circular	0.600
SW2	Manhole	517483.957	111916.949	17.450	0.930	16.520	Circular	0.600
SW3	Manhole	517454.981	111907.475	17.450	1.220	16.230	Circular	1.200
SW4	Manhole	517428.140	111989.510	17.450	2.020	15.430	Circular	1.200
SW10	Manhole	517523.076	111995.273	17.450	0.820	16.630	Circular	1.200
SW9	Manhole	517479.574	111981.183	17.470	1.200	16.270	Circular	1.200
SW7	Manhole	517476.175	111950.478	17.500	0.920	16.580	Circular	1.200
SW8	Manhole	517467.473	111977.092	17.500	1.120	16.380	Circular	1.200
SW5	Manhole	517520.646	112019.711	17.600	0.750	16.850	Circular	1.200
SW6	Manhole	517472.012	112003.833	17.470	1.730	15.740	Circular	1.200
SW11	Manhole	517435.856	111916.048	17.440	1.280	16.160	Circular	1.200
SW12	Manhole	517410.484	111985.562	18.200	2.800	15.400	Circular	1.200
Surface Water Outfall	Manhole	517677.256	112071.727	13.830	0.450	13.380	Circular	1.200
SW24	Manhole	517495.869	111938.266	16.450	0.750	15.700	Circular	0.600

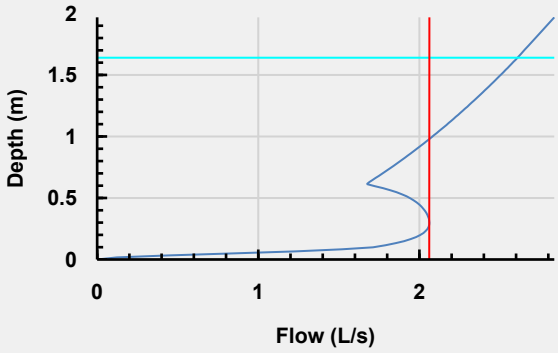
Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

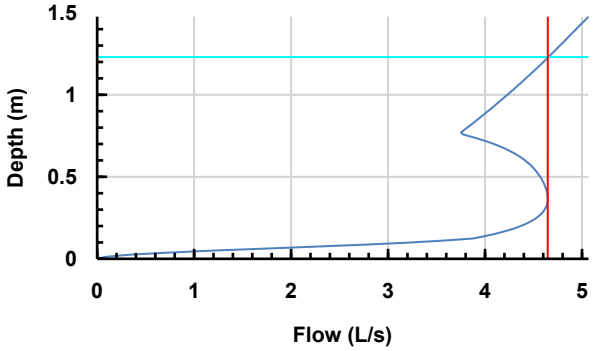
Name	Lock
SW13	None
SW14	None
SW15	None
SW34	None
SW33	None
SW32	None
SW16	None
SW17	None
SW18	None
SW19	None
SW20	None
SW21	None
SW30	None
SW31	None
SW29	None
SW28	None
SW23	None
SW22	None
SW27	None
SW26	None
SW25	None
SW1	None
SW2	None
SW3	None
SW4	None
SW10	None
SW9	None
SW7	None
SW8	None
SW5	None
SW6	None
SW11	None
SW12	None
Surface Water Outfall	None
SW24	None

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
	Outlet	1.005	Hydro-Brake®

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW13	Invert Level (m) 14.960 Design Depth (m) 1.640 Design Flow (L/s) 2.613 Objective Minimise Upstream Storage Requirements Application Surface Water Only Sump Available ☑ Unit Reference SHE-0069-2613-1640-2613		
SW14	Outlet	1.006	Free Discharge
SW15	Outlet	1.007	Free Discharge
SW34	Outlet	6.007	Free Discharge
SW33	Outlet	6.006	Free Discharge
SW32	Outlet	6.005	Hydro-Brake®
	Invert Level (m) 14.730 Design Depth (m) 1.230 Design Flow (L/s) 4.656 Objective Minimise Upstream Storage Requirements Application Surface Water Only Sump Available ☑ Unit Reference SHE-0099-4656-1230-4656		
SW16	Outlet	6.000	Free Discharge
SW17	Outlet	6.001	Free Discharge
SW18	Outlet	6.002	Free Discharge
SW19	Outlet	6.003	Free Discharge
SW20	Outlet	7.000	Free Discharge
SW21	Outlet	7.001	Free Discharge
SW30	Outlet	13.000	Free Discharge
SW31	Outlet	13.001	Free Discharge
SW29	Outlet	8.004	Free Discharge
SW28	Outlet	8.003	Free Discharge
SW23	Outlet	8.002	Free Discharge





Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW22	Outlet	8.001	Free Discharge
SW27	Outlet	9.002	Free Discharge
SW26	Outlet	10.000	Free Discharge
SW25	Outlet	9.001	Free Discharge
SW1	Outlet	1.000	Free Discharge
SW2	Outlet	1.001	Free Discharge
SW3	Outlet	1.002	Free Discharge
SW4	Outlet	1.003	Free Discharge
SW10	Outlet	4.000	Free Discharge
SW9	Outlet	3.002	Free Discharge
SW7	Outlet	3.000	Free Discharge
SW8	Outlet	3.001	Free Discharge
SW5	Outlet	2.000	Free Discharge
SW6	Outlet	2.001	Free Discharge
SW11	Outlet	5.000	Free Discharge
SW12	Outlet	5.001	Free Discharge
SW24	Outlet	11.001	Free Discharge



Courtyard East Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.765
Depth (m)	0.450
Base Level (m)	16.315
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	54.773
Long. Slope (1:X)	500.00
Width (m)	17.745
Total Volume (m³)	108.562

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Courtyard West Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.359
Depth (m)	0.450
Base Level (m)	15.909
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	45.482
Long. Slope (1:X)	500.00
Width (m)	11.124
Total Volume (m³)	56.720

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		



Courtyard Centre Paving

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.450
Depth (m)	0.450
Base Level (m)	16.000
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	26.322
Long. Slope (1:X)	500.00
Width (m)	8.118
Total Volume (m³)	24.044

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



MUGA Phase 1

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.366
Depth (m)	0.450
Base Level (m)	15.916
Paving Layer Depth (mm)	90
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	69.465
Long. Slope (1:X)	120.00
Width (m)	30.231
Total Volume (m³)	227.224

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Att Tank 1

Type : Cellular Storage

Dimensions

Exceedance Level (m)	17.350
Depth (m)	1.600
Base Level (m)	15.000
Number of Crates Long	64
Number of Crates Wide	10
Number of Crates High	4
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	973.550



Att Tank 2

Type : Cellular Storage

Dimensions

Exceedance Level (m)	16.460
Depth (m)	1.200
Base Level (m)	14.760
Number of Crates Long	46
Number of Crates Wide	29
Number of Crates High	3
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	1521.260

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Connections Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
1.005	58.850	Pipe	117.699		0.6	150	17.470	14.960
1.006	50.899	Pipe	118.370		0.6	150	16.500	14.460
6.005	13.030	Pipe	186.145		0.6	225	16.900	14.730
6.006	56.294	Pipe	194.117		0.6	225	16.600	14.660
6.007	80.441	Pipe	196.197		0.6	225	17.000	14.370
1.007	122.351	Pipe	210.950		0.6	225	15.750	13.960
6.000	58.186	Pipe	138.539		0.6	225	17.150	16.400
6.001	42.350	Pipe	141.166		0.6	225	16.800	15.980
6.002	18.974	Pipe	145.955		0.6	300	16.910	15.610
7.000	29.220	Pipe	108.222		0.6	225	17.000	16.250
7.001	52.000	Pipe	120.930		0.6	225	16.870	15.980
6.003	5.922	Pipe	59.175		0.6	300	16.920	15.480
8.001	23.324	Pipe	70.678		0.6	150	16.350	15.600
8.002	25.453	Pipe	212.112		0.6	300	16.500	15.120
8.003	15.659	Pipe	142.356		0.6	300	16.750	15.000
13.000	32.008	Pipe	123.107		0.6	225	16.450	15.630
9.001	4.370	Pipe	218.514		0.6	300	16.450	15.390
1.004	4.859	Pipe	121.463		0.6	375	17.350	15.000
5.000	73.999	Pipe	97.367		0.6	375	17.440	16.160
5.001	8.301	Pipe	60.000		0.6	375	18.200	15.400
1.003	3.226	Pipe	60.000		0.6	300	17.450	15.430
11.000	1.418	Pipe	4.727		0.6	150	16.503	16.000
8.000	3.220	Pipe	10.421		0.6	150	16.450	15.909
9.000	1.806	Pipe	1.953		0.6	150	16.875	16.315
1.002	86.315	Pipe	107.894		0.6	300	17.450	16.230
2.001	46.151	Pipe	148.874		0.6	300	17.470	15.740
2.000	51.160	Pipe	52.742		0.6	150	17.600	16.850
3.000	28.000	Pipe	140.000		0.6	225	17.500	16.580
3.001	12.774	Pipe	116.123		0.6	225	17.500	16.380
4.000	45.727	Pipe	127.020		0.6	225	17.450	16.630
3.002	23.879	Pipe	51.912		0.6	225	17.470	16.270
1.000	15.531	Pipe	141.194		0.6	150	17.450	16.700
1.001	30.485	Pipe	138.570		0.6	225	17.450	16.520
10.000	18.719	Pipe	77.997		0.6	225	16.450	15.630
13.001	38.573	Pipe	94.081		0.6	300	16.450	15.300
Dummy Pipe	12.320	Pipe	10.657		0.6	300	16.945	15.916
6.004	7.651	Pipe	255.039		0.6	375	16.460	14.760
8.004	15.781	Pipe	121.390		0.6	375	16.600	14.890
11.001	15.187	Pipe	35.319		0.6	150	16.450	15.700
9.002	39.938	Pipe	159.751		0.6	300	16.450	15.370

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Connections Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)
1.005	16.500	14.460		None	2.84
1.006	15.750	14.030		Levels	
6.005	16.600	14.660		None	5.07
6.006	17.000	14.370		None	
6.007	15.750	13.960		None	
1.007	13.830	13.380		None	
6.000	16.800	15.980		None	
6.001	16.910	15.680		Levels	
6.002	16.920	15.480		None	
7.000	16.870	15.980		None	
7.001	16.920	15.550		Levels	
6.003	16.460	15.380		Levels	
8.001	16.500	15.270		Levels	
8.002	16.750	15.000		None	
8.003	16.600	14.890		Levels	
13.000	16.450	15.370		Levels	
9.001	16.450	15.370		Levels	
1.004	17.470	14.960		None	
5.000	18.200	15.400		Levels	
5.001	17.350	15.262		Levels	
1.003	17.350	15.376		Levels	
11.000	16.450	15.700		None	0.78
8.000	16.350	15.600		None	3.07
9.000	16.450	15.390		None	3.07
1.002	17.450	15.430		None	
2.001	17.450	15.430		None	
2.000	17.470	15.880		Levels	
3.000	17.500	16.380		None	
3.001	17.470	16.270		None	
4.000	17.470	16.270		None	
3.002	17.470	15.810		Levels	
1.000	17.450	16.590		Levels	
1.001	17.450	16.300		Levels	
10.000	16.450	15.390		None	
13.001	16.600	14.890		Levels	
Dummy Pipe	16.460	14.760		None	
6.004	16.900	14.730		None	
8.004	16.460	14.760		None	
11.001	16.500	15.270		Levels	
9.002	16.500	15.120		None	

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW13	17.470 14.960	Diameter / Length: 1.200	{1} 1.004	Pipe	14.960	Diam/Width:375	Manhole
E:517454.497 N:112009.245	2.510		{a} 1.005	Pipe	14.960	Diam/Width:150	Not Applicable
SW14	16.500 14.460	Diameter / Length: 1.200	{1} 1.005	Pipe	14.460	Diam/Width:150	Manhole
E:517510.441 N:112027.509	2.040		{a} 1.006	Pipe	14.460	Diam/Width:150	Not Applicable
SW15	15.750 13.960	Diameter / Length: 1.200	{1} 1.006 {2} 6.007	Pipe Pipe	14.030 13.960	Diam/Width:150 Diam/Width:225	Manhole
E:517560.961 N:112033.708	1.790		{a} 1.007	Pipe	13.960	Diam/Width:225	Not Applicable
SW34	17.000 14.370	Diameter / Length: 1.200	{1} 6.006	Pipe	14.370	Diam/Width:225	Manhole
E:517509.811 N:111971.624	2.630		{a} 6.007	Pipe	14.370	Diam/Width:225	Not Applicable
SW33	16.600 14.660	Diameter / Length: 1.200	{1} 6.005	Pipe	14.660	Diam/Width:225	Manhole
E:517527.300 N:111918.116	1.940		{a} 6.006	Pipe	14.660	Diam/Width:225	Not Applicable

Company:	Date:			
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025			
	Designed by: SV	Checked by: SP	Approved By: SP	
Report Details: Type: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW32	16.900 14.730	Diameter / Length: 1.200	{1} 6.004	Pipe	14.730	Diam/Width:375	Manhole
E:517517.685 N:111909.323	2.170		{a} 6.005	Pipe	14.730	Diam/Width:225	Not Applicable
SW16	17.150 16.400	Diameter / Length: 1.200					Manhole
E:517450.773 N:111880.512	0.750		{a} 6.000	Pipe	16.400	Diam/Width:225	Not Applicable
SW17	16.800 15.980	Diameter / Length: 1.200	{1} 6.000	Pipe	15.980	Diam/Width:225	Manhole
E:517468.828 N:111825.197	0.820		{a} 6.001	Pipe	15.980	Diam/Width:225	Not Applicable
SW18	16.910 15.610	Diameter / Length: 1.200	{1} 6.001	Pipe	15.680	Diam/Width:225	Manhole
E:517509.081 N:111838.360	1.300		{a} 6.002	Pipe	15.610	Diam/Width:300	Not Applicable
SW19	16.920 15.480	Diameter / Length: 1.200	{1} 6.002 {2} 7.001	Pipe Pipe	15.480 15.550	Diam/Width:300 Diam/Width:225	Manhole
E:517503.136 N:111856.379	1.440		{a} 6.003	Pipe	15.480	Diam/Width:300	Not Applicable

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW20	17.000 16.250	Diameter / Length: 1.200					Manhole
E:517458.992 N:111896.668	0.750		{a} 7.000	Pipe	16.250	Diam/Width:225	Not Applicable
SW21	16.870 15.980	Diameter / Length: 1.200	{1} 7.000	Pipe	15.980	Diam/Width:225	Manhole
E:517486.769 N:111905.736	0.890		{a} 7.001	Pipe	15.980	Diam/Width:225	Not Applicable
SW30	16.450 15.630	Diameter / Length: 0.600					Manhole
E:517552.244 N:111895.129	0.820		{a} 13.000	Pipe	15.630	Diam/Width:225	Not Applicable
SW31	16.450 15.300	Diameter / Length: 1.200	{1} 13.000	Pipe	15.370	Diam/Width:225	Manhole
E:517541.606 N:111925.317	1.150		{a} 13.001	Pipe	15.300	Diam/Width:300	Not Applicable
SW29	16.600 14.890	Diameter / Length: 1.200	{1} 8.003 {2} 13.001	Pipe Pipe	14.890 14.890	Diam/Width:300 Diam/Width:300	Manhole
E:517504.845 N:111913.632	1.710		{a} 8.004	Pipe	14.890	Diam/Width:375	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW28	16.750 15.000	Diameter / Length: 1.200	{1} 8.002	Pipe	15.000	Diam/Width:300	Manhole
E:517489.961 N:111908.766	1.750		{a} 8.003	Pipe	15.000	Diam/Width:300	Not Applicable
SW23	16.500 15.120	Diameter / Length: 1.200	{1} 8.001 {2} 11.001 {3} 9.002	Pipe Pipe Pipe	15.270 15.270 15.120	Diam/Width:150 Diam/Width:150 Diam/Width:300	Manhole
E:517481.685 N:111932.836	1.380		{a} 8.002	Pipe	15.120	Diam/Width:300	Not Applicable
SW22	16.350 15.600	Diameter / Length: 0.600	{1} 8.000	Pipe	15.600	Diam/Width:150	Manhole
E:517495.654 N:111951.515	0.750		{a} 8.001	Pipe	15.600	Diam/Width:150	Not Applicable
SW27	16.450 15.370	Diameter / Length: 1.200	{1} 9.001	Pipe	15.370	Diam/Width:300	Manhole
E:517519.623 N:111945.318	1.080		{a} 9.002	Pipe	15.370	Diam/Width:300	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW26	16.450 15.630	Diameter / Length: 0.600					Manhole
E:517537.082 N:111955.502	0.820		{a} 10.000	Pipe	15.630	Diam/Width:225	Not Applicable
SW25	16.450 15.390	Diameter / Length: 1.200	{1} 9.000 {2} 10.000	Pipe Pipe	15.390 15.390	Diam/Width:150 Diam/Width:225	Manhole
E:517519.293 N:111949.676	1.060		{a} 9.001	Pipe	15.390	Diam/Width:300	Not Applicable
SW1	17.450 16.700	Diameter / Length: 0.600					Manhole
E:517479.133 N:111931.712	0.750		{a} 1.000	Pipe	16.700	Diam/Width:150	Not Applicable
SW2	17.450 16.520	Diameter / Length: 0.600	{1} 1.000	Pipe	16.590	Diam/Width:150	Manhole
E:517483.957 N:111916.949	0.930		{a} 1.001	Pipe	16.520	Diam/Width:225	Not Applicable
SW3	17.450 16.230	Diameter / Length: 1.200	{1} 1.001	Pipe	16.300	Diam/Width:225	Manhole
E:517454.981 N:111907.475	1.220		{a} 1.002	Pipe	16.230	Diam/Width:300	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW4	17.450 15.430	Diameter / Length: 1.200	{1} 1.002 {2} 2.001	Pipe Pipe	15.430 15.430	Diam/Width:300 Diam/Width:300	Manhole
E:517428.140 N:111989.510	2.020		{a} 1.003	Pipe	15.430	Diam/Width:300	Not Applicable
SW10	17.450 16.630	Diameter / Length: 1.200					Manhole
E:517523.076 N:111995.273	0.820		{a} 4.000	Pipe	16.630	Diam/Width:225	Not Applicable
SW9	17.470 16.270	Diameter / Length: 1.200	{1} 3.001 {2} 4.000	Pipe Pipe	16.270 16.270	Diam/Width:225 Diam/Width:225	Manhole
E:517479.574 N:111981.183	1.200		{a} 3.002	Pipe	16.270	Diam/Width:225	Not Applicable
SW7	17.500 16.580	Diameter / Length: 1.200					Manhole
E:517476.175 N:111950.478	0.920		{a} 3.000	Pipe	16.580	Diam/Width:225	Not Applicable

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW8	17.500 16.380	Diameter / Length: 1.200	{1} 3.000	Pipe	16.380	Diam/Width:225	Manhole
E:517467.473 N:111977.092	1.120		{a} 3.001	Pipe	16.380	Diam/Width:225	Not Applicable
SW5	17.600 16.850	Diameter / Length: 1.200					Manhole
E:517520.646 N:112019.711	0.750		{a} 2.000	Pipe	16.850	Diam/Width:150	Not Applicable
SW6	17.470 15.740	Diameter / Length: 1.200	{1} 2.000 {2} 3.002	Pipe Pipe	15.880 15.810	Diam/Width:150 Diam/Width:225	Manhole
E:517472.012 N:112003.833	1.730		{a} 2.001	Pipe	15.740	Diam/Width:300	Not Applicable
SW11	17.440 16.160	Diameter / Length: 1.200					Manhole
E:517435.856 N:111916.048	1.280		{a} 5.000	Pipe	16.160	Diam/Width:375	Not Applicable
SW12	18.200 15.400	Diameter / Length: 1.200	{1} 5.000	Pipe	15.400	Diam/Width:375	Manhole
E:517410.484 N:111985.562	2.800		{a} 5.001	Pipe	15.400	Diam/Width:375	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
Surface Water Outfall	13.830 13.380	Diameter / Length: 1.200	{1} 1.007	Pipe	13.380	Diam/Width:225	Manhole
E:517677.256 N:112071.727	0.450						
							Not Applicable
SW24	16.450 15.700	Diameter / Length: 0.600	{1} 11.000	Pipe	15.700	Diam/Width:150	Manhole
E:517495.869 N:111938.266	0.750						
			{a} 11.001	Pipe	15.700	Diam/Width:150	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Inflow Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	SW12		Time of Concentration	0.085	100	10	110	0.093
Catchment Area (1)	SW7		Time of Concentration	0.015	100	10	110	0.016
Catchment Area (2)	SW8		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (3)	SW10		Time of Concentration	0.020	100	10	110	0.022
Catchment Area (4)	SW3		Time of Concentration	0.029	100	10	110	0.031
Catchment Area (5)	Courtyard West Paving		Time of Concentration	0.056	100	10	110	0.062
Catchment Area (6)	SW22		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (7)	SW22		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (8)	SW25		Time of Concentration	0.012	100	10	110	0.014
Catchment Area (9)	Courtyard East Paving		Time of Concentration	0.097	100	10	110	0.107
Catchment Area (10)	SW10		Time of Concentration	0.011	100	10	110	0.012
Catchment Area (11)	SW1		Time of Concentration	0.004	100	10	110	0.004
Catchment Area (12)	Courtyard Centre Paving		Time of Concentration	0.021	100	10	110	0.024
Catchment Area (13)	SW27		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (14)	SW23		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (15)	SW28		Time of Concentration	0.024	100	10	110	0.026
Catchment Area (16)	SW30		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (17)	SW30		Time of Concentration	0.011	100	10	110	0.012
Catchment Area (20)	SW16		Time of Concentration	0.028	100	10	110	0.031
Catchment Area (21)	SW18		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (22)	SW18		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (23)	SW19		Time of Concentration	0.013	100	10	110	0.014
Catchment Area (24)	SW21		Time of Concentration	0.023	100	10	110	0.025
Catchment Area (24) (1)	SW2		Time of Concentration	0.025	100	10	110	0.028
Catchment Area (24) (1) (1)	SW28		Time of Concentration	0.007	100	10	110	0.007
Catchment Area (25)	MUGA Phase 1		Time of Concentration	0.213	100	0	100	0.213
Catchment Area (26)	SW1		Green Roof	0.004		10		0.004
Catchment Area (27)	SW2		Green Roof	0.011		10		0.012
Catchment Area (28)	SW2		Green Roof	0.005		10		0.005
Catchment Area (29)	SW3		Green Roof	0.014		10		0.015
Catchment Area (30)	SW1		Green Roof	0.017		10		0.019

Catchment Area (31)	SW3		Green Roof	0.016		10		0.017
Catchment Area (32)	SW1		Green Roof	0.016		10		0.018
Catchment Area (33)	SW3		Green Roof	0.018		10		0.019
Catchment Area (34)	SW7		Green Roof	0.021		10		0.023
Catchment Area (35)	SW3		Green Roof	0.018		10		0.020
Catchment Area (36)	SW7		Green Roof	0.024		10		0.026
Catchment Area (37)	SW3		Green Roof	0.016		10		0.018
Catchment Area (38)	SW3		Green Roof	0.005		10		0.006
Catchment Area (39)	SW6		Green Roof	0.005		10		0.006
Catchment Area (40)	SW6		Green Roof	0.013		10		0.014
Catchment Area (41)	SW8		Green Roof	0.015		10		0.016
Catchment Area (42)	SW6		Green Roof	0.011		10		0.012
Catchment Area (43)	SW8		Green Roof	0.011		10		0.012
Catchment Area (44)	SW6		Green Roof	0.011		10		0.012
Catchment Area (45)	SW10		Green Roof	0.014		10		0.016
Catchment Area (46)	SW5		Green Roof	0.012		10		0.013
Catchment Area (47)	SW5		Green Roof	0.011		10		0.012
Catchment Area (48)	SW10		Green Roof	0.014		10		0.016
Catchment Area (49)	SW5		Green Roof	0.015		10		0.016
Catchment Area (50)	SW5		Green Roof	0.011		10		0.012
Catchment Area (51)	SW10		Green Roof	0.018		10		0.020
Catchment Area (52)	SW28		Green Roof	0.010		10		0.010
Catchment Area (53)	SW28		Green Roof	0.015		10		0.016
Catchment Area (54)	SW31		Green Roof	0.015		10		0.016
Catchment Area (55)	SW31		Green Roof	0.014		10		0.015
Catchment Area (56)	SW31		Green Roof	0.029		10		0.032
Catchment Area (57)	SW30		Green Roof	0.017		10		0.019
Catchment Area (58)	SW30		Green Roof	0.012		10		0.014
Catchment Area (59)	SW30		Green Roof	0.010		10		0.011
Catchment Area (63)	SW27		Green Roof	0.014		10		0.015
Catchment Area (64)	SW27		Green Roof	0.014		10		0.015
Catchment Area (65)	SW27		Green Roof	0.010		10		0.011
Catchment Area (66)	SW17		Green Roof	0.004		10		0.005
Catchment Area (67)	SW17		Green Roof	0.009		10		0.010

Catchment Area (68)	SW16		Green Roof	0.019		10		0.021
Catchment Area (69)	SW16		Green Roof	0.020		10		0.022
Catchment Area (70)	SW16		Green Roof	0.019		10		0.021
Catchment Area (71)	SW18		Green Roof	0.011		10		0.012
Catchment Area (72)	SW18		Green Roof	0.022		10		0.024
Catchment Area (73)	SW21		Green Roof	0.020		10		0.022
Catchment Area (74)	SW21		Green Roof	0.019		10		0.021
Catchment Area (75)	SW21		Green Roof	0.018		10		0.020
Catchment Area (76)	SW21		Green Roof	0.017		10		0.018
Catchment Area (77)	SW21		Green Roof	0.003		10		0.003
Catchment Area (78)	SW20		Green Roof	0.003		10		0.003
Catchment Area (79)	SW20		Green Roof	0.011		10		0.012
Catchment Area (80)	SW20		Green Roof	0.006		10		0.007
Catchment Area (81)	SW16		Green Roof	0.019		10		0.021
Catchment Area (82)	SW16		Green Roof	0.018		10		0.020
Catchment Area (83)	SW11		Time of Concentration	0.211	100	10	110	0.232
Catchment Area (84)	SW11		Time of Concentration	0.031	100	10	110	0.035
Catchment Area (85)	SW31		Time of Concentration	0.026	100	10	110	0.029
Catchment Area (86)	SW31		Time of Concentration	0.024	100	10	110	0.027
TOTAL		**0.0**		**1.794**				**1.952**

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Network Design Criteria Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Soffits
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☐

Manhole Options

Apply Offset	☐

Company:	Date:		
Colin Toms & Partners	12/12/2025		
Suffolk House, 154 High Street	Designed by:	Checked by:	Approved By:
Sevenoaks TN13 3JN	SV	SP	SP
Report Details:	Project:		
Type: Junctions	B1641 - Steyning Grammar School		
Storm Phase: Phase 2 SW Strategy	Surface Water Network		
	17.9 l/s Discharge Rate - 100yr+40%CC		

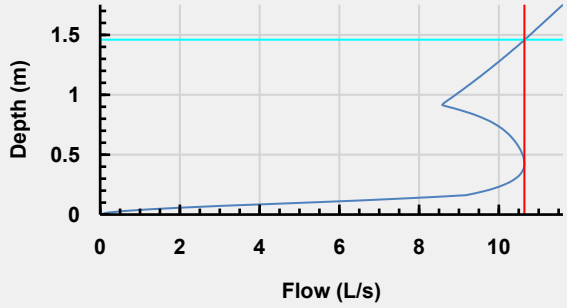
Name	Junction Type	Easting (m)	Northing (m)	Cover Level (m)	Depth (m)	Invert Level (m)	Chamber Shape	Diameter (m)
SW80	Manhole	517616.853	111733.522	14.350	1.465	12.885	Circular	1.350
SW81	Manhole	517648.492	111731.307	14.390	1.715	12.675	Circular	1.200
SW82	Manhole	517658.279	111720.715	14.330	1.750	12.580	Circular	1.200
SW35	Manhole	517431.369	111794.788	17.440	1.050	16.390	Circular	1.200
SW36	Manhole	517421.877	111760.949	17.870	1.970	15.900	Circular	1.200
SW37	Manhole	517415.507	111723.181	17.660	1.050	16.610	Circular	1.200
SW38	Manhole	517457.680	111744.234	17.120	1.710	15.410	Circular	1.200
SW39	Manhole	517496.437	111727.709	15.900	1.400	14.500	Circular	1.200
SW40	Manhole	517529.606	111738.973	14.890	1.200	13.690	Circular	1.200
SW43	Manhole	517538.582	111711.726	15.000	1.580	13.420	Circular	1.200
SW47	Manhole	517569.713	111721.681	14.240	1.200	13.040	Circular	1.200
SW53	Manhole	517582.794	111725.890	14.280	1.300	12.980	Circular	1.350
SW44	Manhole	517510.773	111714.081	15.200	0.750	14.450	Circular	0.600
SW45	Manhole	517514.771	111715.977	15.200	1.050	14.150	Circular	1.200
SW46	Manhole	517526.942	111705.225	15.600	1.770	13.830	Circular	1.200
SW54	Manhole	517545.313	111696.819	15.310	1.050	14.260	Circular	1.200
SW55	Manhole	517583.604	111676.689	14.710	1.150	13.560	Circular	1.200
SW56	Manhole	517606.212	111679.541	14.590	1.150	13.440	Circular	1.200
SW57	Manhole	517590.399	111728.326	14.370	1.180	13.190	Circular	1.200
SW59	Manhole	517613.651	111732.434	14.550	1.180	13.370	Circular	1.200
SW49	Manhole	517546.242	111712.390	14.910	1.050	13.860	Circular	0.600
SW50	Manhole	517553.080	111714.643	14.825	1.050	13.775	Circular	0.600
SW51	Manhole	517563.343	111718.007	14.542	1.050	13.492	Circular	0.600
SW52	Manhole	517570.179	111720.256	14.395	1.050	13.345	Circular	0.600
SW62	Manhole	517580.465	111723.599	14.309	1.050	13.259	Circular	0.600
SW63	Manhole	517583.321	111724.523	14.314	1.050	13.264	Circular	0.600
SW61	Manhole	517598.041	111727.776	14.421	1.050	13.371	Circular	0.600
SW58	Manhole	517620.669	111730.349	14.500	1.050	13.450	Circular	0.600
SW60	Manhole	517604.895	111716.556	14.600	1.050	13.550	Circular	0.600
SW42	Manhole	517524.956	111729.690	14.764	0.650	14.114	Circular	0.600
SW41	Manhole	517526.156	111741.629	14.980	0.600	14.380	Circular	0.600
SW70	Manhole	517534.273	111747.868	15.380	1.395	13.985	Circular	1.200
SW71	Manhole	517560.113	111755.439	15.300	1.515	13.785	Circular	1.200
SW69	Manhole	517523.571	111763.099	15.310	0.750	14.560	Circular	1.200
SW68	Manhole	517527.180	111764.279	15.310	1.120	14.190	Circular	1.200
SW67	Manhole	517511.453	111812.377	15.310	0.750	14.560	Circular	0.600
SW72	Manhole	517536.174	111828.649	15.270	0.750	14.520	Circular	0.600
SW65	Manhole	517621.769	111784.105	14.350	1.050	13.300	Circular	1.200
SW66	Manhole	517612.330	111813.001	14.700	1.050	13.650	Circular	1.200
SW64	Manhole	517633.208	111757.804	14.270	1.050	13.220	Circular	0.600
Rainwater Harvester	Manhole	517568.217	111930.882	16.500	1.270	15.230	Circular	1.200
SW74	Manhole	517572.813	111916.626	16.500	1.360	15.140	Circular	1.200
SW75	Manhole	517581.764	111890.558	16.000	1.050	14.950	Circular	1.200
SW76	Manhole	517559.869	111873.986	16.030	1.630	14.400	Circular	1.200
SW78	Manhole	517592.968	111868.693	15.200	1.050	14.150	Circular	1.200
SW77	Manhole	517546.301	111853.428	15.550	2.010	13.540	Circular	1.200
SW79	Manhole	517552.481	111834.569	15.350	2.040	13.310	Circular	1.200
SW48	Manhole	517551.624	111736.591	14.950	0.750	14.200	Circular	0.600
SW26	Manhole	517557.422	111961.337	16.450	1.020	15.430	Circular	0.600
SW25	Manhole	517539.130	111955.420	16.450	0.750	15.700	Circular	0.600

Name	Lock
SW80	None
SW81	None
SW82	None
SW35	None
SW36	None
SW37	None
SW38	None
SW39	None
SW40	None
SW43	None
SW47	None
SW53	None
SW44	None
SW45	None
SW46	None
SW54	None
SW55	None
SW56	None
SW57	None
SW59	None
SW49	None
SW50	None
SW51	None
SW52	None
SW62	None
SW63	None
SW61	None
SW58	None
SW60	None
SW42	None
SW41	None
SW70	None
SW71	None
SW69	None
SW68	None
SW67	None
SW72	None
SW65	None
SW66	None
SW64	None
Rainwater Harvester	None
SW74	None
SW75	None
SW76	None
SW78	None
SW77	None
SW79	None
SW48	None
SW26	None
SW25	None

Outlets

Junction	Outlet Name	Outgoing Connection	Outlet Type
	Outlet	12.009	Hydro-Brake®

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW80	Invert Level (m)	12.885	
	Design Depth (m)	1.460	
	Design Flow (L/s)	10.653	
	Objective	Minimise Upstream Storage Requirements	
	Application	Surface Water Only	
	Sump Available	☑	
	Unit Reference	SHE-0143-1065-1460-1065	
			
SW81	Outlet	12.010	Free Discharge
SW35	Outlet	12.000	Free Discharge
SW36	Outlet	12.001	Free Discharge
SW37	Outlet	13.000	Free Discharge
SW38	Outlet	12.002	Free Discharge
SW39	Outlet	12.003	Free Discharge
SW40	Outlet	12.004	Free Discharge
SW43	Outlet	12.005	Free Discharge
SW47	Outlet	12.006	Free Discharge
SW53	Outlet	12.007	Free Discharge
SW44	Outlet	22.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	14.450	
SW45	Outlet	22.002	Free Discharge
SW46	Outlet	22.003	Free Discharge
SW54	Outlet	18.000	Free Discharge
SW55	Outlet	18.001	Free Discharge
SW56	Outlet	18.002	Free Discharge
SW57	Outlet	17.003	Free Discharge
SW59	Outlet	17.002	Free Discharge
SW49	Outlet	25.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.860	
SW50	Outlet	26.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.775	
SW51	Outlet	27.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.492	
SW52	Outlet	28.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.345	
	Outlet	29.001	Orifice

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025 Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Junctions Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Junction	Outlet Name	Outgoing Connection	Outlet Type
SW62	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.259	
SW63	Outlet	30.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.264	
SW61	Outlet	31.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.371	
SW58	Outlet	17.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.450	
SW60	Outlet	32.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	13.550	
SW42	Outlet	33.001	Free Discharge
SW41	Outlet	34.001	Orifice
	Diameter (m)	0.050	
	Coefficient of Discharge	0.600	
	Invert Level (m)	14.380	
SW70	Outlet	15.002	Free Discharge
SW71	Outlet	15.003	Free Discharge
SW69	Outlet	35.001	Free Discharge
SW68	Outlet	15.001	Free Discharge
SW67	Outlet	15.000	Free Discharge
SW72	Outlet	16.000	Free Discharge
SW65	Outlet	19.001	Free Discharge
SW66	Outlet	20.000	Free Discharge
SW64	Outlet	19.000	Free Discharge
Rainwater Harvester	Outlet	14.001	Free Discharge
SW74	Outlet	14.002	Free Discharge
SW75	Outlet	14.003	Free Discharge
SW76	Outlet	14.004	Free Discharge
SW78	Outlet	23.000	Free Discharge
SW77	Outlet	14.005	Free Discharge
SW79	Outlet	14.006	Free Discharge
SW48	Outlet	21.000	Free Discharge
SW26	Outlet	Pipe (1)	Free Discharge
SW25	Outlet	Pipe	Free Discharge

Car Park 1

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.370
Depth (m)	0.450
Base Level (m)	14.920
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	24.693
Long. Slope (1:X)	55.00
Width (m)	4.716
Total Volume (m³)	13.127

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0

Car Park 2

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.985
Depth (m)	0.450
Base Level (m)	14.535
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	29.999
Long. Slope (1:X)	100.00
Width (m)	2.500
Total Volume (m³)	8.673

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 3

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.764
Depth (m)	0.650
Base Level (m)	14.114
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	34.613
Long. Slope (1:X)	750.00
Width (m)	6.013
Total Volume (m³)	36.020

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 4

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.913
Depth (m)	0.450
Base Level (m)	14.463
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	12.000
Long. Slope (1:X)	42.00
Width (m)	4.800
Total Volume (m³)	6.536

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0

Car Park 5

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.825
Depth (m)	0.450
Base Level (m)	14.375
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	19.191
Long. Slope (1:X)	42.00
Width (m)	4.800
Total Volume (m³)	10.378

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0

Car Park 6

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.542
Depth (m)	0.450
Base Level (m)	14.092
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	29.739
Long. Slope (1:X)	46.00
Width (m)	4.800
Total Volume (m³)	16.013

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 7

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.395
Depth (m)	0.450
Base Level (m)	13.945
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	37.197
Long. Slope (1:X)	63.00
Width (m)	4.800
Total Volume (m³)	20.048

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 8

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.309
Depth (m)	0.450
Base Level (m)	13.859
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.198
Long. Slope (1:X)	169.00
Width (m)	4.800
Total Volume (m³)	23.545

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 9

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.314
Depth (m)	0.450
Base Level (m)	13.864
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.200
Long. Slope (1:X)	167.00
Width (m)	4.800
Total Volume (m³)	23.545

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 10

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.421
Depth (m)	0.450
Base Level (m)	13.971
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	43.201
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	23.552

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 11

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.600
Depth (m)	0.450
Base Level (m)	14.150
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	14.384
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	7.842

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Car Park 12

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.500
Depth (m)	0.450
Base Level (m)	14.050
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	4.0
Porosity (%)	30
Length (m)	14.400
Long. Slope (1:X)	200.00
Width (m)	4.800
Total Volume (m³)	7.850

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Blocks North

Type : Porous Paving

Dimensions

Exceedance Level (m)	16.500
Depth (m)	0.450
Base Level (m)	16.050
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	24.906
Long. Slope (1:X)	200.00
Width (m)	3.425
Total Volume (m³)	9.778

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Blocks Middle

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.320
Depth (m)	0.600
Base Level (m)	14.720
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	12.763
Long. Slope (1:X)	200.00
Width (m)	3.871
Total Volume (m³)	7.865

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



MUGA 2

Type : Porous Paving

Dimensions

Exceedance Level (m)	15.278
Depth (m)	0.450
Base Level (m)	14.828
Paving Layer Depth (mm)	80
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	64.050
Long. Slope (1:X)	200.00
Width (m)	36.600
Total Volume (m³)	260.925

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



AWP

Type : Porous Paving

Dimensions

Exceedance Level (m)	14.377
Depth (m)	0.490
Base Level (m)	13.887
Paving Layer Depth (mm)	90
Membrane Percolation (m/hr)	1.0
Porosity (%)	30
Length (m)	101.400
Long. Slope (1:X)	120.00
Width (m)	63.000
Total Volume (m³)	767.063

Under Drain

Height Above Base (m)	0.000
Diameter (mm)	150
No. of Barrels	1
Release Height (m)	0.000
Friction Scheme	Manning's n
n	0.015

Advanced

Conductivity (m/hr)	500.0



Cellular Storage

Type : Cellular Storage

Dimensions

Exceedance Level (m)	14.415
Depth (m)	0.800
Base Level (m)	12.950
Number of Crates Long	85
Number of Crates Wide	45
Number of Crates High	2
Porosity (%)	95
Crate Length (m)	1
Crate Width (m)	1
Crate Height (m)	0.4
Total Volume (m³)	2907.665

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025 Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Connections Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Length (m)	Connection Type	Slope (1:X)	Manning's n	Colebrook-White Roughness (mm)	Diameter / Base Width (mm)	Upstream Cover Level (m)	Upstream Invert Level (m)
12.000	35.145	Pipe	71.724		0.6	225	17.440	16.390
13.000	38.301	Pipe	59.845		0.6	225	17.660	16.610
12.001	39.512	Pipe	80.637		0.6	300	17.870	15.900
12.002	42.134	Pipe	46.301		0.6	300	17.120	15.410
12.003	35.029	Pipe	43.246		0.6	300	15.900	14.500
12.004	28.687	Pipe	106.250		0.6	300	14.890	13.690
12.005	32.685	Pipe	86.012		0.6	300	15.000	13.420
12.006	13.741	Pipe	229.012		0.6	300	14.240	13.040
22.002	16.240	Pipe	50.749		0.6	150	15.200	14.150
22.003	13.332	Pipe	51.278		0.6	150	15.600	13.830
18.000	43.260	Pipe	69.775		0.6	150	15.310	14.260
18.001	22.787	Pipe	189.888		0.6	225	14.710	13.560
18.002	51.284	Pipe	205.136		0.6	225	14.590	13.440
17.002	23.612	Pipe	131.177		0.6	225	14.550	13.370
17.003	7.986	Pipe	114.090		0.6	225	14.370	13.190
19.000	28.681	Pipe	-358.513		0.6	225	14.270	13.220
20.000	30.398	Pipe	86.851		0.6	225	14.700	13.650
19.001	13.607	Pipe	38.877		0.6	225	14.350	13.300
12.007	11.274	Pipe	375.784		0.6	375	14.280	12.980
15.000	50.604	Pipe	136.769		0.6	225	15.310	14.560
15.001	17.878	Pipe	137.522		0.6	225	15.310	14.190
15.002	26.926	Pipe	134.631		0.6	225	15.380	13.985
16.000	77.025	Pipe	116.704		0.6	225	15.270	14.520
15.003	9.213	Pipe	27.500		0.6	300	15.300	13.785
21.000	23.442	Pipe	20.209		0.6	150	14.950	14.200
22.001	4.425	Pipe	14.751		0.6	150	15.200	14.450
22.000	1.041	Pipe	2.216		0.6	150	15.819	14.920
14.001	14.979	Pipe	166.431		0.6	225	16.500	15.230
14.002	27.562	Pipe	145.062		0.6	225	16.500	15.140
14.003	27.460	Pipe	49.927		0.6	225	16.000	14.950
14.004	24.632	Pipe	28.642		0.6	225	16.030	14.400
14.005	19.845	Pipe	86.283		0.6	225	15.550	13.540
14.006	16.851	Pipe	46.810		0.6	225	15.350	13.310
23.000	49.101	Pipe	80.493		0.6	150	15.200	14.150
14.000	16.596	Pipe	20.239		0.6	150	16.625	16.050
24.000	37.538	Pipe	31.812		0.6	100	15.384	14.720
35.001	3.797	Pipe	10.262		0.6	150	15.310	14.560
34.001	4.354	Pipe	6.597		0.6	150	14.980	14.380
34.000	1.207	Pipe	7.788		0.6	150	15.285	14.535
33.000	4.012	Pipe	0.000		0.6	150	14.810	14.114
33.001	10.383	Pipe	24.488		0.6	150	14.764	14.114
25.001	25.243	Pipe	42.785		0.6	150	14.910	13.860
26.001	18.061	Pipe	35.763		0.6	150	14.825	13.775
27.001	7.354	Pipe	33.125		0.6	150	14.542	13.492
28.001	1.499	Pipe	19.992		0.6	150	14.395	13.345
29.001	3.266	Pipe	47.334		0.6	150	14.309	13.259
30.001	1.464	Pipe	19.789		0.6	150	14.314	13.264
31.001	7.661	Pipe	44.803		0.6	150	14.421	13.371
32.001	3.000	Pipe	-7.126		0.6	100	14.600	13.550
17.001	7.321	Pipe	91.514		0.6	150	14.500	13.450
32.000	8.563	Pipe	14.272		0.6	150	14.672	14.150
12.008	14.777	Pipe	227.345		0.6	300	14.415	12.950
12.009	31.716	Pipe	151.030		0.6	150	14.350	12.885
12.010	14.421	Pipe	151.801		0.6	150	14.390	12.675
25.000	6.427	Pipe	10.658		0.6	150	15.199	14.463
26.000	5.159	Pipe	8.598		0.6	150	15.282	14.375

27.000	3.927	Pipe	6.545		0.6	150	15.188	14.092
28.000	4.898	Pipe	8.164		0.6	150	14.985	13.945
29.000	2.930	Pipe	4.884		0.6	150	14.565	13.859
30.000	3.068	Pipe	5.113		0.6	150	14.573	13.864
31.000	2.250	Pipe	3.749		0.6	150	14.637	13.971
17.000	1.366	Pipe	2.277		0.6	150	14.572	14.050
Dummy Pipe	11.409	Pipe	26.107		0.6	225	15.222	13.887
35.000	2.092	Pipe	7.807		0.6	150	15.598	14.828
Pipe	19.225	Pipe	101.184		0.6	150	16.450	15.700
Pipe (1)	32.311	Pipe	161.557		0.6	225	16.450	15.430

Name	Downstream Cover Level (m)	Downstream Invert Level (m)	Part Family	Lock	Flow Restriction (L/s)
12.000	17.870	15.900		Levels	
13.000	17.870	15.970		Levels	
12.001	17.120	15.410		None	
12.002	15.900	14.500		None	
12.003	14.890	13.690		None	
12.004	15.000	13.420		None	
12.005	14.240	13.040		None	
12.006	14.280	12.980		Levels	
22.002	15.600	13.830		None	
22.003	15.000	13.570		Levels	
18.000	14.710	13.640		Levels	
18.001	14.590	13.440		None	
18.002	14.370	13.190		None	
17.002	14.370	13.190		Levels	
17.003	14.280	13.120		Levels	
19.000	14.350	13.300		None	
20.000	14.350	13.300		None	
19.001	14.415	12.950		None	
12.007	14.415	12.950		None	
15.000	15.310	14.190		None	
15.001	15.380	14.060		All	
15.002	15.300	13.785		All	
16.000	15.300	13.860		All	
15.003	14.415	13.450		All	
21.000	14.240	13.040		None	
22.001	15.200	14.150		None	4.4
22.000	15.200	14.450		None	0.0
14.001	16.500	15.140		None	
14.002	16.000	14.950		None	
14.003	16.030	14.400		None	
14.004	15.550	13.540		None	
14.005	15.350	13.310		None	
14.006	14.415	12.950		None	
23.000	15.550	13.540		None	
14.000	16.500	15.230		None	0.0
24.000	15.550	13.540		None	0.0
35.001	15.310	14.190		None	
34.001	14.890	13.720		All	4.0
34.000	14.980	14.380		None	0.0
33.000	14.764	14.114		None	0.0
33.001	14.890	13.690		None	
25.001	14.240	13.270		Levels	5.3
26.001	14.240	13.270		Levels	5.3
27.001	14.240	13.270		Levels	5.3
28.001	14.240	13.270		Levels	5.3
29.001	14.280	13.190		Levels	5.3

30.001	14.280	13.190		Levels	5.3
31.001	14.370	13.200		Levels	5.3
32.001	14.637	13.971		None	5.3
17.001	14.550	13.370		None	5.3
32.000	14.600	13.550		None	0.0
12.008	14.350	12.885		None	
12.009	14.390	12.675		None	10.7
12.010	14.330	12.580		None	
25.000	14.910	13.860		None	0.0
26.000	14.825	13.775		None	0.0
27.000	14.542	13.492		None	0.0
28.000	14.395	13.345		None	0.0
29.000	14.309	13.259		None	0.0
30.000	14.314	13.264		None	0.0
31.000	14.421	13.371		None	0.0
17.000	14.500	13.450		None	0.0
Dummy Pipe	14.415	13.450		All	0.0
35.000	15.310	14.560		None	0.0
Pipe	16.450	15.510		All	
Pipe (1)	16.500	15.230		None	

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025 Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW80	14.350 12.885	Diameter / Length: 1.350	{1} 12.008	Pipe	12.885	Diam/Width:300	Manhole
E:517616.853 N:111733.522	1.465		{a} 12.009	Pipe	12.885	Diam/Width:150	Not Applicable
SW81	14.390 12.675	Diameter / Length: 1.200	{1} 12.009	Pipe	12.675	Diam/Width:150	Manhole
E:517648.492 N:111731.307	1.715		{a} 12.010	Pipe	12.675	Diam/Width:150	Not Applicable
SW82	14.330 12.580	Diameter / Length: 1.200	{1} 12.010	Pipe	12.580	Diam/Width:150	Manhole
E:517658.279 N:111720.715	1.750						Not Applicable
SW35	17.440 16.390	Diameter / Length: 1.200					Manhole
E:517431.369 N:111794.788	1.050		{a} 12.000	Pipe	16.390	Diam/Width:225	Not Applicable
SW36	17.870 15.900	Diameter / Length: 1.200	{1} 12.000 {2} 13.000	Pipe Pipe	15.900 15.970	Diam/Width:225 Diam/Width:225	Manhole
E:517421.877 N:111760.949	1.970		{a} 12.001	Pipe	15.900	Diam/Width:300	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW37	17.660 16.610	Diameter / Length: 1.200					Manhole
E:517415.507 N:111723.181	1.050		{a} 13.000	Pipe	16.610	Diam/Width:225	Not Applicable
SW38	17.120 15.410	Diameter / Length: 1.200	{1} 12.001	Pipe	15.410	Diam/Width:300	Manhole
E:517457.680 N:111744.234	1.710		{a} 12.002	Pipe	15.410	Diam/Width:300	Not Applicable
SW39	15.900 14.500	Diameter / Length: 1.200	{1} 12.002	Pipe	14.500	Diam/Width:300	Manhole
E:517496.437 N:111727.709	1.400		{a} 12.003	Pipe	14.500	Diam/Width:300	Not Applicable
SW40	14.890 13.690	Diameter / Length: 1.200	{1} 12.003	Pipe	13.690	Diam/Width:300	Manhole
E:517529.606 N:111738.973	1.200		{2} 34.001	Pipe	13.720	Diam/Width:150 Diam/Width:150	
			{3} 33.001	Pipe	13.690		
			{a} 12.004	Pipe	13.690	Diam/Width:300	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
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	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW43	15.000 13.420	Diameter / Length: 1.200	{1} 12.004	Pipe	13.420	Diam/Width:300	Manhole
E:517538.582 N:111711.726	1.580		{2} 22.003	Pipe	13.570	Diam/Width:150	
			{a} 12.005	Pipe	13.420	Diam/Width:300	Not Applicable
SW47	14.240 13.040	Diameter / Length: 1.200	{1} 12.005	Pipe	13.040	Diam/Width:300	Manhole
E:517569.713 N:111721.681	1.200		{2} 21.000	Pipe	13.040	Diam/Width:150 Diam/Width:150	
			{3} 25.001	Pipe		Diam/Width:150	
			{4} 26.001	Pipe	13.270	Diam/Width:150 Diam/Width:150	
			{5} 27.001	Pipe	13.270		
			{6} 28.001	Pipe	13.270		
					13.270		
			{a} 12.006	Pipe	13.040	Diam/Width:300	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
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Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW53	14.280 12.980	Diameter / Length: 1.350	{1} 12.006	Pipe	12.980	Diam/Width:300	Manhole
E:517582.794 N:111725.890	1.300		{2} 17.003	Pipe	13.120	Diam/Width:225 Diam/Width:150	
			{3} 30.001	Pipe	13.190	Diam/Width:150	
			{4} 29.001	Pipe	13.190		
			{a} 12.007	Pipe	12.980	Diam/Width:375	Not Applicable
SW44	15.200 14.450	Diameter / Length: 0.600	{1} 22.000	Pipe	14.450	Diam/Width:150	Manhole
E:517510.773 N:111714.081	0.750		{a} 22.001	Pipe	14.450	Diam/Width:150	Not Applicable
SW45	15.200 14.150	Diameter / Length: 1.200	{1} 22.001	Pipe	14.150	Diam/Width:150	Manhole
E:517514.771 N:111715.977	1.050		{a} 22.002	Pipe	14.150	Diam/Width:150	Not Applicable
SW46	15.600 13.830	Diameter / Length: 1.200	{1} 22.002	Pipe	13.830	Diam/Width:150	Manhole
E:517526.942 N:111705.225	1.770		{a} 22.003	Pipe	13.830	Diam/Width:150	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW54	15.310 14.260	Diameter / Length: 1.200					Manhole
E:517545.313 N:111696.819	1.050		{a} 18.000	Pipe	14.260	Diam/Width:150	Not Applicable
SW55	14.710 13.560	Diameter / Length: 1.200	{1} 18.000	Pipe	13.640	Diam/Width:150	Manhole
E:517583.604 N:111676.689	1.150		{a} 18.001	Pipe	13.560	Diam/Width:225	Not Applicable
SW56	14.590 13.440	Diameter / Length: 1.200	{1} 18.001	Pipe	13.440	Diam/Width:225	Manhole
E:517606.212 N:111679.541	1.150		{a} 18.002	Pipe	13.440	Diam/Width:225	Not Applicable
SW57	14.370 13.190	Diameter / Length: 1.200	{1} 18.002	Pipe	13.190	Diam/Width:225	Manhole
E:517590.399 N:111728.326	1.180		{2} 17.002	Pipe	13.190	Diam/Width:225 Diam/Width:150	
			{3} 31.001	Pipe	13.200		
			{a} 17.003	Pipe	13.190	Diam/Width:225	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
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Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW59	14.550 13.370	Diameter / Length: 1.200	{1} 17.001	Pipe	13.370	Diam/Width:150	Manhole
E:517613.651 N:111732.434	1.180		{a} 17.002	Pipe	13.370	Diam/Width:225	Not Applicable
SW49	14.910 13.860	Diameter / Length: 0.600	{1} 25.000	Pipe	13.860	Diam/Width:150	Manhole
E:517546.242 N:111712.390	1.050		{a} 25.001	Pipe	13.860	Diam/Width:150	Not Applicable
SW50	14.825 13.775	Diameter / Length: 0.600	{1} 26.000	Pipe	13.775	Diam/Width:150	Manhole
E:517553.080 N:111714.643	1.050		{a} 26.001	Pipe	13.775	Diam/Width:150	Not Applicable
SW51	14.542 13.492	Diameter / Length: 0.600	{1} 27.000	Pipe	13.492	Diam/Width:150	Manhole
E:517563.343 N:111718.007	1.050		{a} 27.001	Pipe	13.492	Diam/Width:150	Not Applicable
SW52	14.395 13.345	Diameter / Length: 0.600	{1} 28.000	Pipe	13.345	Diam/Width:150	Manhole
E:517570.179 N:111720.256	1.050		{a} 28.001	Pipe	13.345	Diam/Width:150	Not Applicable

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Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
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Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW62	14.309 13.259	Diameter / Length: 0.600	{1} 29.000	Pipe	13.259	Diam/Width:150	Manhole
E:517580.465 N:111723.599	1.050		{a} 29.001	Pipe	13.259	Diam/Width:150	Not Applicable
SW63	14.314 13.264	Diameter / Length: 0.600	{1} 30.000	Pipe	13.264	Diam/Width:150	Manhole
E:517583.321 N:111724.523	1.050		{a} 30.001	Pipe	13.264	Diam/Width:150	Not Applicable
SW61	14.421 13.371	Diameter / Length: 0.600	{1} 31.000	Pipe	13.371	Diam/Width:150	Manhole
E:517598.041 N:111727.776	1.050		{a} 31.001	Pipe	13.371	Diam/Width:150	Not Applicable
SW58	14.500 13.450	Diameter / Length: 0.600	{1} 17.000	Pipe	13.450	Diam/Width:150	Manhole
E:517620.669 N:111730.349	1.050		{a} 17.001	Pipe	13.450	Diam/Width:150	Not Applicable
SW60	14.600 13.550	Diameter / Length: 0.600	{1} 32.000	Pipe	13.550	Diam/Width:150	Manhole
E:517604.895 N:111716.556	1.050		{a} 32.001	Pipe	13.550	Diam/Width:100	Not Applicable

Company:	Date:			
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025			
	Designed by: SV	Checked by: SP	Approved By: SP	
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC			

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW42	14.764 14.114	Diameter / Length: 0.600	{1} 33.000	Pipe	14.114	Diam/Width:150	Manhole
E:517524.956 N:111729.690	0.650		{a} 33.001	Pipe	14.114	Diam/Width:150	Not Applicable
SW41	14.980 14.380	Diameter / Length: 0.600	{1} 34.000	Pipe	14.380	Diam/Width:150	Manhole
E:517526.156 N:111741.629	0.600		{a} 34.001	Pipe	14.380	Diam/Width:150	Not Applicable
SW70	15.380 13.985	Diameter / Length: 1.200	{1} 15.001	Pipe	14.060	Diam/Width:225	Manhole
E:517534.273 N:111747.868	1.395		{a} 15.002	Pipe	13.985	Diam/Width:225	Not Applicable
SW71	15.300 13.785	Diameter / Length: 1.200	{1} 15.002 {2} 16.000	Pipe Pipe	13.785 13.860	Diam/Width:225 Diam/Width:225	Manhole
E:517560.113 N:111755.439	1.515		{a} 15.003	Pipe	13.785	Diam/Width:300	Not Applicable
SW69	15.310 14.560	Diameter / Length: 1.200	{1} 35.000	Pipe	14.560	Diam/Width:150	Manhole
E:517523.571 N:111763.099	0.750		{a} 35.001	Pipe	14.560	Diam/Width:150	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW68	15.310 14.190	Diameter / Length: 1.200	{1} 15.000 {2} 35.001	Pipe Pipe	14.190 14.190	Diam/Width:225 Diam/Width:150	Manhole
E:517527.180 N:111764.279	1.120		{a} 15.001	Pipe	14.190	Diam/Width:225	Not Applicable
SW67	15.310 14.560	Diameter / Length: 0.600					Manhole
E:517511.453 N:111812.377	0.750		{a} 15.000	Pipe	14.560	Diam/Width:225	Not Applicable
SW72	15.270 14.520	Diameter / Length: 0.600					Manhole
E:517536.174 N:111828.649	0.750		{a} 16.000	Pipe	14.520	Diam/Width:225	Not Applicable
SW65	14.350 13.300	Diameter / Length: 1.200	{1} 19.000 {2} 20.000	Pipe Pipe	13.300 13.300	Diam/Width:225 Diam/Width:225	Manhole
E:517621.769 N:111784.105	1.050		{a} 19.001	Pipe	13.300	Diam/Width:225	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW66	14.700 13.650	Diameter / Length: 1.200					Manhole
E:517612.330 N:111813.001	1.050		{a} 20.000	Pipe	13.650	Diam/Width:225	Not Applicable
SW64	14.270 13.220	Diameter / Length: 0.600					Manhole
E:517633.208 N:111757.804	1.050		{a} 19.000	Pipe	13.220	Diam/Width:225	Not Applicable
Rainwater Harvester	16.500 15.230	Diameter / Length: 1.200	{1} 14.000 {2} Pipe (1)	Pipe Pipe	15.230 15.230	Diam/Width:150 Diam/Width:225	Manhole
E:517568.217 N:111930.882	1.270		{a} 14.001	Pipe	15.230	Diam/Width:225	Not Applicable
SW74	16.500 15.140	Diameter / Length: 1.200	{1} 14.001	Pipe	15.140	Diam/Width:225	Manhole
E:517572.813 N:111916.626	1.360		{a} 14.002	Pipe	15.140	Diam/Width:225	Not Applicable
SW75	16.000 14.950	Diameter / Length: 1.200	{1} 14.002	Pipe	14.950	Diam/Width:225	Manhole
E:517581.764 N:111890.558	1.050		{a} 14.003	Pipe	14.950	Diam/Width:225	Not Applicable

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW76	16.030 14.400	Diameter / Length: 1.200	{1} 14.003	Pipe	14.400	Diam/Width:225	Manhole
E:517559.869 N:111873.986	1.630		{a} 14.004	Pipe	14.400	Diam/Width:225	Not Applicable
SW78	15.200 14.150	Diameter / Length: 1.200					Manhole
E:517592.968 N:111868.693	1.050		{a} 23.000	Pipe	14.150	Diam/Width:150	Not Applicable
SW77	15.550 13.540	Diameter / Length: 1.200	{1} 14.004 {2} 23.000 {3} 24.000	Pipe Pipe Pipe	13.540 13.540 13.540	Diam/Width:225 Diam/Width:150 Diam/Width:100	Manhole
E:517546.301 N:111853.428	2.010		{a} 14.005	Pipe	13.540	Diam/Width:225	Not Applicable
SW79	15.350 13.310	Diameter / Length: 1.200	{1} 14.005	Pipe	13.310	Diam/Width:225	Manhole
E:517552.481 N:111834.569	2.040		{a} 14.006	Pipe	13.310	Diam/Width:225	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Manhole Schedule Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Name	Cover Level (m) Invert Level (m)	Manhole Size (m)	Connection Details				Type
Coordinates (m)	Depth (m)		Incoming Connections	Connection Type	Connection Invert (m)	Connection Size (mm)	Junction Type
			Outgoing Connections				Cover
SW48	14.950 14.200	Diameter / Length: 0.600					Manhole
E:517551.624 N:111736.591	0.750		{a} 21.000	Pipe	14.200	Diam/Width:150	Not Applicable
SW26	16.450 15.430	Diameter / Length: 0.600	{1} Pipe	Pipe	15.510	Diam/Width:150	Manhole
E:517557.422 N:111961.337	1.020		{a} Pipe (1)	Pipe	15.430	Diam/Width:225	Not Applicable
SW25	16.450 15.700	Diameter / Length: 0.600					Manhole
E:517539.130 N:111955.420	0.750		{a} Pipe	Pipe	15.700	Diam/Width:150	Not Applicable

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Inflow Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
Catchment Area	AWP		Time of Concentration	0.639	100	0	100	0.639
Catchment Area (1)	SW77		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (2)	SW75		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (3)	SW78		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (4)	SW66		Time of Concentration	0.019	100	10	110	0.021
Catchment Area (5)	Blocks Middle		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (6)	SW64		Time of Concentration	0.027	100	10	110	0.030
Catchment Area (7)	SW66		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (8)	SW72		Time of Concentration	0.025	100	10	110	0.028
Catchment Area (9)	SW79		Time of Concentration	0.025	100	10	110	0.027
Catchment Area (10)	SW71		Time of Concentration	0.030	100	10	110	0.033
Catchment Area (11)	SW48		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (12)	SW67		Time of Concentration	0.027	100	10	110	0.029
Catchment Area (13)	SW67		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (14)	SW70		Time of Concentration	0.036	100	10	110	0.039
Catchment Area (15)	SW68		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (16)	SW38		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (17)	SW37		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (18)	SW37		Time of Concentration	0.035	100	10	110	0.038
Catchment Area (19)	SW36		Time of Concentration	0.031	100	10	110	0.034
Catchment Area (20)	SW35		Time of Concentration	0.087	100	10	110	0.095
Catchment Area (21)	SW35		Time of Concentration	0.011	100	10	110	0.013
Catchment Area (22)	SW55		Time of Concentration	0.019	100	10	110	0.020
Catchment Area (23)	SW56		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (24)	SW54		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (25)	SW54		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (26)	SW45		Time of Concentration	0.015	100	10	110	0.016
Catchment Area (27)	SW39		Time of Concentration	0.020	100	10	110	0.022
Catchment Area (28)	SW49		Time of Concentration	0.014	100	10	110	0.015
Catchment Area (29)	SW47		Time of Concentration	0.017	100	10	110	0.019
Catchment Area (30)	SW53		Time of Concentration	0.015	100	10	110	0.017
Catchment Area (31)	SW43		Time of Concentration	0.025	100	10	110	0.028

Catchment Area (32)	SW40		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (32) (1)	Car Park 2		Time of Concentration	0.004	100	10	110	0.005
Catchment Area (32) (1) (1)	Car Park 2		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (32) (2)	Car Park 3		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (33)	SW54		Time of Concentration	0.005	100	10	110	0.005
Catchment Area (34)	Car Park 6		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (34) (1)	Car Park 5		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (35)	Car Park 11		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (35) (1)	Car Park 12		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (36)	Car Park 10		Time of Concentration	0.027	100	10	110	0.030
Catchment Area (37)	SW25		Time of Concentration	0.007	100	0	100	0.007
Catchment Area (38)	SW74		Time of Concentration	0.008	100	10	110	0.009
Catchment Area (39)	Blocks North		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (40)	SW25		Time of Concentration	0.018	100	0	100	0.018
Catchment Area (41)	MUGA 2		Time of Concentration	0.234	100	0	100	0.234
Catchment Area (42)	SW74		Time of Concentration	0.022	100	10	110	0.024
Catchment Area (43)	Rainwater Harvester		Time of Concentration	0.016	100	10	110	0.018
Catchment Area (44)	Rainwater Harvester		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (45)	SW26		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (46)	SW26		Time of Concentration	0.007	100	10	110	0.007
Catchment Area (47)	SW25		Time of Concentration	0.020	100	0	100	0.020
Catchment Area (48)	SW67		Green Roof	0.013		10		0.014
Catchment Area (49)	SW67		Green Roof	0.016		10		0.018
Catchment Area (50)	SW67		Green Roof	0.016		10		0.018
Catchment Area (51)	SW67		Green Roof	0.012		10		0.013
Catchment Area (52)	SW68		Green Roof	0.007		10		0.008
Catchment Area (53)	SW68		Green Roof	0.011		10		0.012
Catchment Area (54)	SW72		Green Roof	0.004		10		0.004
Catchment Area (55)	SW72		Green Roof	0.012		10		0.013
Catchment Area (56)	SW72		Green Roof	0.016		10		0.017
Catchment Area (57)	SW72		Green Roof	0.012		10		0.013
Catchment Area (58)	SW72		Green Roof	0.012		10		0.013
Catchment Area (59)	SW72		Green Roof	0.022		10		0.024
Catchment Area (60)	Car Park 8		Time of Concentration	0.026	100	10	110	0.029

Catchment Area (61)	Car Park 1		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (62)	SW39		Time of Concentration	0.012	100	10	110	0.013
Catchment Area (63)	SW57		Time of Concentration	0.015	100	10	110	0.017
Catchment Area (64)	SW59		Time of Concentration	0.017	100	10	110	0.018
Catchment Area (65)	SW65		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (66)	SW72		Time of Concentration	0.017	100	10	110	0.018
Catchment Area (67)	SW76		Time of Concentration	0.010	100	10	110	0.011
Catchment Area (68)	SW76		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (69)	Car Park 2		Time of Concentration	0.008	100	10	110	0.008
Catchment Area (71)	Car Park 4		Time of Concentration	0.006	100	10	110	0.006
Catchment Area (72)	Car Park 5		Time of Concentration	0.009	100	10	110	0.010
Catchment Area (73)	Car Park 6		Time of Concentration	0.014	100	10	110	0.016
Catchment Area (74)	Car Park 7		Time of Concentration	0.018	100	10	110	0.020
Catchment Area (75)	Car Park 8		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (76)	Car Park 9		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (77)	Car Park 10		Time of Concentration	0.021	100	10	110	0.023
Catchment Area (78)	Car Park 11		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (79)	Car Park 12		Time of Concentration	0.007	100	10	110	0.008
Catchment Area (80)	SW76		Time of Concentration	0.007	100	10	110	0.008
TOTAL		**0.0**		**2.195**				**2.323**

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Network Design Criteria Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Flow Options

Peak Flow Calculation	(UK) Modified Rational Method
Min. Time of Entry (mins)	5
Max. Travel Time (mins)	30

Pipe Options

Lock Slope Options	None
Design Options	Minimise Excavation
Design Level	Level Soffits
Min. Cover Depth (m)	1.200
Min. Slope (1:X)	500.00
Max. Slope (1:X)	40.00
Min. Velocity (m/s)	1.0
Max. Velocity (m/s)	3.0
Use Flow Restriction	☐
Reduce Channel Depths	☐

Manhole Options

Apply Offset	☐

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Title:	Project:		
Rainfall Analysis Criteria	B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	300
Perform No Discharge Analysis	☐

Rainfall

FEH

Type: FEH

Site Location	GB 517548 111833 TQ 17548 11833
Rainfall Version	2022
Summer	☑
Winter	☑

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
10.0	0.000
30.0	0.000
30.0	40.000
100.0	0.000
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
240	480
360	720
480	960
960	1920
1440	2880

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 2 years: +0 %: 960 mins: Summer	17.470	14.960	15.351	0.391	2.1	0.443	0.000	2.1	197.394	Surcharged
SW14	FEH: 2 years: +0 %: 240 mins: Summer	16.500	14.460	14.496	0.036	2.1	0.041	0.000	2.1	47.754	OK
SW15	FEH: 2 years: +0 %: 1440 mins: Summer	15.750	13.960	14.024	0.064	6.3	0.073	0.000	6.3	671.665	OK
SW34	FEH: 2 years: +0 %: 1440 mins: Summer	17.000	14.370	14.421	0.051	4.3	0.058	0.000	4.3	385.258	OK
SW33	FEH: 2 years: +0 %: 1440 mins: Summer	16.600	14.660	14.712	0.052	4.3	0.059	0.000	4.3	385.433	OK
SW32	FEH: 2 years: +0 %: 1440 mins: Summer	16.900	14.730	14.958	0.228	4.3	0.258	0.000	4.3	385.555	Surcharged
SW16	FEH: 2 years: +0 %: 15 mins: Summer	17.150	16.400	16.460	0.060	6.8	0.067	0.000	6.3	2.981	OK
SW17	FEH: 2 years: +0 %: 360 mins: Summer	16.800	15.980	16.037	0.057	5.9	0.065	0.000	6.0	28.741	OK
SW18	FEH: 2 years: +0 %: 360 mins: Summer	16.910	15.610	15.671	0.061	7.9	0.069	0.000	7.9	38.265	OK
SW19	FEH: 2 years: +0 %: 15 mins: Summer	16.920	15.480	15.549	0.069	14.4	0.078	0.000	13.7	7.745	OK
SW20	FEH: 2 years: +0 %: 360 mins: Summer	17.000	16.250	16.271	0.021	1.0	0.023	0.000	0.9	3.429	OK
SW21	FEH: 2 years: +0 %: 360 mins: Summer	16.870	15.980	16.031	0.051	5.4	0.057	0.000	5.2	24.574	OK
SW30	FEH: 2 years: +0 %: 15 mins: Summer	16.450	15.630	15.684	0.054	6.1	0.015	0.000	5.6	2.630	OK
SW31	FEH: 2 years: +0 %: 15 mins: Summer	16.450	15.300	15.378	0.078	17.9	0.089	0.000	17.1	7.977	OK
SW29	FEH: 2 years: +0 %: 15 mins: Summer	16.600	14.890	15.008	0.118	33.7	0.133	0.000	31.6	17.558	OK
SW28	FEH: 2 years: +0 %: 15 mins: Summer	16.750	15.000	15.091	0.091	17.8	0.103	0.000	16.6	9.720	OK
SW23	FEH: 2 years: +0 %: 15 mins: Summer	16.500	15.120	15.196	0.076	11.7	0.086	0.000	10.4	6.601	OK
SW22	FEH: 2 years: +0 %: 15 mins: Summer	16.350	15.600	15.645	0.045	4.2	0.013	0.000	4.0	2.426	OK
SW27	FEH: 2 years: +0 %: 15 mins: Summer	16.450	15.370	15.415	0.045	4.8	0.051	0.000	4.4	2.609	OK
SW26	FEH: 2 years: +0 %: 15 mins: Summer	16.450	15.630	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 2 years: +0 %: 15 mins: Summer	16.450	15.390	15.434	0.044	3.2	0.050	0.000	2.9	1.842	OK
SW1	FEH: 2 years: +0 %: 360 mins: Summer	17.450	16.700	16.737	0.037	2.0	0.010	0.000	1.9	7.904	OK
SW2	FEH: 2 years: +0 %: 15 mins: Summer	17.450	16.520	16.580	0.060	7.1	0.017	0.000	6.6	3.124	OK
SW3	FEH: 2 years: +0 %: 15 mins: Summer	17.450	16.230	16.298	0.068	13.5	0.077	0.000	12.3	6.193	OK
SW4	FEH: 2 years: +0 %: 360 mins: Summer	17.450	15.430	15.518	0.088	19.6	0.099	0.000	19.8	98.238	OK
SW10	FEH: 2 years: +0 %: 15 mins: Summer	17.450	16.630	16.691	0.061	7.5	0.069	0.000	7.1	3.277	OK
SW9	FEH: 2 years: +0 %: 15 mins: Summer	17.470	16.270	16.328	0.058	11.2	0.066	0.000	10.0	5.288	OK
SW7	FEH: 2 years: +0 %: 15 mins: Summer	17.500	16.580	16.623	0.043	3.6	0.048	0.000	3.4	1.554	OK
SW8	FEH: 2 years: +0 %: 15 mins: Summer	17.500	16.380	16.426	0.046	4.5	0.052	0.000	4.2	2.041	OK

SW5	FEH: 2 years: +0 %: 360 mins: Summer	17.600	16.850	16.880	0.030	2.3	0.034	0.000	2.2	8.108	OK
SW6	FEH: 2 years: +0 %: 360 mins: Summer	17.470	15.740	15.811	0.071	11.2	0.080	0.000	11.2	53.331	OK
SW11	FEH: 2 years: +0 %: 15 mins: Summer	17.440	16.160	16.297	0.137	59.2	0.155	0.000	56.2	25.707	OK
SW12	FEH: 2 years: +0 %: 15 mins: Summer	18.200	15.400	15.557	0.157	76.9	0.178	0.000	72.0	34.609	OK
Surface Water Outfall	FEH: 2 years: +0 %: 1440 mins: Summer	13.830	13.380	13.444	0.064	6.3	0.000	0.000	6.3	671.665	OK
SW24	FEH: 2 years: +0 %: 240 mins: Summer	16.450	15.700	15.712	0.012	0.4	0.003	0.000	0.4	6.473	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 10 years: +0 %: 1440 mins: Winter	17.470	14.960	15.587	0.627	2.1	0.709	0.000	2.1	291.504	Surcharged
SW14	FEH: 10 years: +0 %: 120 mins: Summer	16.500	14.460	14.496	0.036	2.1	0.041	0.000	2.1	23.904	OK
SW15	FEH: 10 years: +0 %: 1440 mins: Winter	15.750	13.960	14.025	0.065	6.5	0.074	0.000	6.5	832.231	OK
SW34	FEH: 10 years: +0 %: 960 mins: Winter	17.000	14.370	14.424	0.054	4.6	0.061	0.000	4.6	396.247	OK
SW33	FEH: 10 years: +0 %: 960 mins: Winter	16.600	14.660	14.714	0.054	4.6	0.061	0.000	4.6	396.748	OK
SW32	FEH: 10 years: +0 %: 960 mins: Winter	16.900	14.730	15.078	0.348	4.6	0.393	0.000	4.6	397.077	Surcharged
SW16	FEH: 10 years: +0 %: 15 mins: Summer	17.150	16.400	16.479	0.079	11.6	0.089	0.000	10.8	5.060	OK
SW17	FEH: 10 years: +0 %: 240 mins: Summer	16.800	15.980	16.064	0.084	12.3	0.095	0.000	12.4	45.590	OK
SW18	FEH: 10 years: +0 %: 240 mins: Summer	16.910	15.610	15.700	0.090	16.3	0.102	0.000	16.4	60.487	OK
SW19	FEH: 10 years: +0 %: 240 mins: Summer	16.920	15.480	15.582	0.102	28.2	0.115	0.000	28.2	105.885	OK
SW20	FEH: 10 years: +0 %: 240 mins: Summer	17.000	16.250	16.279	0.029	1.9	0.032	0.000	1.8	5.989	OK
SW21	FEH: 10 years: +0 %: 240 mins: Summer	16.870	15.980	16.054	0.074	11.0	0.084	0.000	10.7	39.297	OK
SW30	FEH: 10 years: +0 %: 15 mins: Summer	16.450	15.630	15.701	0.071	10.3	0.020	0.000	9.6	4.464	OK
SW31	FEH: 10 years: +0 %: 15 mins: Summer	16.450	15.300	15.404	0.104	30.4	0.118	0.000	29.3	13.535	OK
SW29	FEH: 10 years: +0 %: 960 mins: Winter	16.600	14.890	15.078	0.188	12.0	0.212	0.000	12.0	288.417	OK
SW28	FEH: 10 years: +0 %: 15 mins: Summer	16.750	15.000	15.128	0.128	30.9	0.145	0.000	29.0	16.970	OK
SW23	FEH: 10 years: +0 %: 15 mins: Summer	16.500	15.120	15.224	0.104	20.4	0.117	0.000	18.4	11.661	OK
SW22	FEH: 10 years: +0 %: 15 mins: Summer	16.350	15.600	15.661	0.061	7.3	0.017	0.000	6.9	4.337	OK
SW27	FEH: 10 years: +0 %: 15 mins: Summer	16.450	15.370	15.429	0.059	8.3	0.067	0.000	7.7	4.695	OK
SW26	FEH: 10 years: +0 %: 15 mins: Summer	16.450	15.630	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 10 years: +0 %: 15 mins: Summer	16.450	15.390	15.449	0.059	5.5	0.067	0.000	5.1	3.392	OK

SW1	FEH: 10 years: +0 %: 240 mins: Summer	17.450	16.700	16.753	0.053	3.9	0.015	0.000	3.8	13.148	OK
SW2	FEH: 10 years: +0 %: 15 mins: Summer	17.450	16.520	16.601	0.081	12.1	0.023	0.000	11.3	5.300	OK
SW3	FEH: 10 years: +0 %: 15 mins: Summer	17.450	16.230	16.320	0.090	23.1	0.102	0.000	21.2	10.490	OK
SW4	FEH: 10 years: +0 %: 1440 mins: Winter	17.450	15.430	15.587	0.157	9.4	0.178	0.000	9.4	252.144	OK
SW10	FEH: 10 years: +0 %: 15 mins: Summer	17.450	16.630	16.711	0.081	12.8	0.092	0.000	12.1	5.561	OK
SW9	FEH: 10 years: +0 %: 15 mins: Summer	17.470	16.270	16.349	0.079	19.3	0.089	0.000	17.5	8.992	OK
SW7	FEH: 10 years: +0 %: 15 mins: Summer	17.500	16.580	16.636	0.056	6.1	0.063	0.000	5.8	2.633	OK
SW8	FEH: 10 years: +0 %: 240 mins: Summer	17.500	16.380	16.445	0.065	8.2	0.074	0.000	8.1	30.121	OK
SW5	FEH: 10 years: +0 %: 240 mins: Summer	17.600	16.850	16.893	0.043	4.4	0.049	0.000	4.3	14.129	OK
SW6	FEH: 10 years: +0 %: 240 mins: Summer	17.470	15.740	15.843	0.103	23.1	0.117	0.000	23.2	84.974	OK
SW11	FEH: 10 years: +0 %: 15 mins: Summer	17.440	16.160	16.348	0.188	100.5	0.212	0.000	95.8	43.588	OK
SW12	FEH: 10 years: +0 %: 15 mins: Summer	18.200	15.400	15.620	0.220	130.8	0.248	0.000	123.4	58.715	OK
Surface Water Outfall	FEH: 10 years: +0 %: 1440 mins: Winter	13.830	13.380	13.444	0.064	6.5	0.000	0.000	6.5	832.231	OK
SW24	FEH: 10 years: +0 %: 240 mins: Summer	16.450	15.700	15.713	0.013	0.5	0.004	0.000	0.5	8.869	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 30 years: +0 %: 1440 mins: Winter	17.470	14.960	15.775	0.815	2.1	0.922	0.000	2.1	279.043	Surcharged
SW14	FEH: 30 years: +0 %: 960 mins: Summer	16.500	14.460	14.496	0.036	2.1	0.041	0.000	2.1	183.920	OK
SW15	FEH: 30 years: +0 %: 1440 mins: Winter	15.750	13.960	14.026	0.066	6.5	0.074	0.000	6.5	900.576	OK
SW34	FEH: 30 years: +0 %: 1440 mins: Summer	17.000	14.370	14.424	0.054	4.7	0.061	0.000	4.7	618.031	OK
SW33	FEH: 30 years: +0 %: 1440 mins: Summer	16.600	14.660	14.714	0.054	4.7	0.061	0.000	4.7	618.515	OK
SW32	FEH: 30 years: +0 %: 960 mins: Summer	16.900	14.730	15.179	0.449	4.7	0.508	0.000	4.7	419.480	Surcharged
SW16	FEH: 30 years: +0 %: 120 mins: Summer	17.150	16.400	16.501	0.101	18.3	0.114	0.000	17.3	44.760	OK
SW17	FEH: 30 years: +0 %: 120 mins: Summer	16.800	15.980	16.085	0.105	19.3	0.119	0.000	18.5	49.236	OK
SW18	FEH: 30 years: +0 %: 120 mins: Summer	16.910	15.610	15.723	0.113	24.2	0.128	0.000	24.3	65.296	OK
SW19	FEH: 30 years: +0 %: 120 mins: Summer	16.920	15.480	15.608	0.128	41.6	0.145	0.000	41.8	114.074	OK
SW20	FEH: 30 years: +0 %: 120 mins: Summer	17.000	16.250	16.285	0.035	2.9	0.040	0.000	2.8	6.594	OK
SW21	FEH: 30 years: +0 %: 120 mins: Summer	16.870	15.980	16.072	0.092	17.4	0.104	0.000	15.9	42.474	OK
SW30	FEH: 30 years: +0 %: 15 mins: Summer	16.450	15.630	15.713	0.083	13.5	0.023	0.000	12.6	5.843	OK
SW31	FEH: 30 years: +0 %: 15 mins: Summer	16.450	15.300	15.423	0.123	39.8	0.139	0.000	38.4	17.696	OK
SW29	FEH: 30 years: +0 %: 960 mins: Summer	16.600	14.890	15.180	0.290	20.2	0.328	0.000	20.2	361.080	OK
SW28	FEH: 30 years: +0 %: 960 mins: Winter	16.750	15.000	15.180	0.180	8.5	0.203	0.000	8.5	242.826	OK
SW23	FEH: 30 years: +0 %: 15 mins: Summer	16.500	15.120	15.242	0.122	27.0	0.138	0.000	24.4	15.157	OK
SW22	FEH: 30 years: +0 %: 15 mins: Summer	16.350	15.600	15.672	0.072	9.6	0.020	0.000	9.1	5.604	OK
SW27	FEH: 30 years: +0 %: 120 mins: Summer	16.450	15.370	15.438	0.068	10.4	0.077	0.000	10.1	44.068	OK
SW26	FEH: 30 years: +0 %: 15 mins: Summer	16.450	15.630	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK

SW25	FEH: 30 years: +0 %: 15 mins: Summer	16.450	15.390	15.459	0.069	7.2	0.078	0.000	6.8	4.416	OK
SW1	FEH: 30 years: +0 %: 120 mins: Summer	17.450	16.700	16.768	0.068	6.1	0.019	0.000	5.8	14.296	OK
SW2	FEH: 30 years: +0 %: 15 mins: Summer	17.450	16.520	16.614	0.094	15.9	0.027	0.000	14.8	6.933	OK
SW3	FEH: 30 years: +0 %: 15 mins: Summer	17.450	16.230	16.335	0.105	30.3	0.118	0.000	28.0	13.709	OK
SW4	FEH: 30 years: +0 %: 1440 mins: Winter	17.450	15.430	15.775	0.345	11.5	0.391	0.000	11.5	323.581	Surcharged
SW10	FEH: 30 years: +0 %: 15 mins: Summer	17.450	16.630	16.724	0.094	16.7	0.107	0.000	15.9	7.268	OK
SW9	FEH: 30 years: +0 %: 15 mins: Summer	17.470	16.270	16.362	0.092	25.3	0.104	0.000	23.2	11.766	OK
SW7	FEH: 30 years: +0 %: 120 mins: Summer	17.500	16.580	16.648	0.068	8.9	0.077	0.000	8.6	21.863	OK
SW8	FEH: 30 years: +0 %: 120 mins: Summer	17.500	16.380	16.464	0.084	13.0	0.095	0.000	12.4	32.487	OK
SW5	FEH: 30 years: +0 %: 120 mins: Summer	17.600	16.850	16.904	0.054	6.9	0.061	0.000	6.6	15.542	OK
SW6	FEH: 30 years: +0 %: 120 mins: Summer	17.470	15.740	15.868	0.128	34.4	0.145	0.000	34.5	91.815	OK
SW11	FEH: 30 years: +0 %: 15 mins: Summer	17.440	16.160	16.384	0.224	131.4	0.253	0.000	125.3	56.997	OK
SW12	FEH: 30 years: +0 %: 1440 mins: Winter	18.200	15.400	15.775	0.375	8.3	0.425	0.000	8.3	282.747	Surcharged
Surface Water Outfall	FEH: 30 years: +0 %: 1440 mins: Winter	13.830	13.380	13.445	0.065	6.5	0.000	0.000	6.5	900.576	OK
SW24	FEH: 30 years: +0 %: 240 mins: Summer	16.450	15.700	15.714	0.014	0.5	0.004	0.000	0.5	10.285	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 30 years: +40 %: 1440 mins: Winter	17.470	14.960	16.177	1.217	2.2	1.376	0.000	2.2	327.020	Surcharged
SW14	FEH: 30 years: +40 %: 1440 mins: Winter	16.500	14.460	14.498	0.038	2.2	0.043	0.000	2.2	326.629	OK
SW15	FEH: 30 years: +40 %: 1440 mins: Winter	15.750	13.960	14.026	0.066	6.7	0.075	0.000	6.7	974.093	OK
SW34	FEH: 30 years: +40 %: 1440 mins: Winter	17.000	14.370	14.424	0.054	4.7	0.061	0.000	4.7	648.500	OK
SW33	FEH: 30 years: +40 %: 1440 mins: Winter	16.600	14.660	14.714	0.054	4.7	0.061	0.000	4.7	649.078	OK
SW32	FEH: 30 years: +40 %: 1440 mins: Summer	16.900	14.730	15.424	0.694	4.7	0.785	0.000	4.7	641.606	Surcharged
SW16	FEH: 30 years: +40 %: 120 mins: Summer	17.150	16.400	16.531	0.131	27.8	0.148	0.000	26.4	68.249	OK
SW17	FEH: 30 years: +40 %: 120 mins: Summer	16.800	15.980	16.120	0.140	29.1	0.158	0.000	29.0	75.339	OK
SW18	FEH: 30 years: +40 %: 120 mins: Summer	16.910	15.610	15.759	0.149	38.2	0.169	0.000	38.3	99.771	OK
SW19	FEH: 30 years: +40 %: 120 mins: Summer	16.920	15.480	15.650	0.170	66.1	0.192	0.000	66.3	173.704	OK
SW20	FEH: 30 years: +40 %: 60 mins: Summer	17.000	16.250	16.292	0.042	4.4	0.048	0.000	4.1	7.577	OK
SW21	FEH: 30 years: +40 %: 120 mins: Summer	16.870	15.980	16.100	0.120	26.0	0.135	0.000	24.9	65.125	OK
SW30	FEH: 30 years: +40 %: 15 mins: Summer	16.450	15.630	15.730	0.100	18.9	0.028	0.000	17.7	9.895	OK
SW31	FEH: 30 years: +40 %: 15 mins: Summer	16.450	15.300	15.452	0.152	55.9	0.172	0.000	54.1	29.000	OK
SW29	FEH: 30 years: +40 %: 1440 mins: Summer	16.600	14.890	15.424	0.534	20.9	0.604	0.000	20.5	559.380	Surcharged
SW28	FEH: 30 years: +40 %: 1440 mins: Summer	16.750	15.000	15.424	0.424	11.8	0.480	0.000	11.7	372.238	Surcharged
SW23	FEH: 30 years: +40 %: 1440 mins: Summer	16.500	15.120	15.424	0.304	8.9	0.344	0.000	8.9	311.819	Surcharged
SW22	FEH: 30 years: +40 %: 15 mins: Summer	16.350	15.600	15.689	0.089	13.6	0.025	0.000	12.9	7.602	OK
SW27	FEH: 30 years: +40 %: 120 mins: Summer	16.450	15.370	15.454	0.084	15.7	0.095	0.000	15.2	59.441	OK

SW26	FEH: 30 years: +40 %: 15 mins: Summer	16.450	15.630	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 30 years: +40 %: 15 mins: Summer	16.450	15.390	15.474	0.084	10.3	0.095	0.000	9.8	6.027	OK
SW1	FEH: 30 years: +40 %: 60 mins: Summer	17.450	16.700	16.787	0.087	9.1	0.025	0.000	8.6	16.393	OK
SW2	FEH: 30 years: +40 %: 15 mins: Summer	17.450	16.520	16.635	0.115	22.3	0.033	0.000	20.8	11.956	OK
SW3	FEH: 30 years: +40 %: 120 mins: Summer	17.450	16.230	16.362	0.132	45.3	0.150	0.000	43.0	112.270	OK
SW4	FEH: 30 years: +40 %: 1440 mins: Winter	17.450	15.430	16.177	0.747	16.1	0.845	0.000	15.6	474.502	Surcharged
SW10	FEH: 30 years: +40 %: 15 mins: Summer	17.450	16.630	16.745	0.115	23.4	0.130	0.000	22.2	12.260	OK
SW9	FEH: 30 years: +40 %: 120 mins: Summer	17.470	16.270	16.389	0.119	37.6	0.135	0.000	36.0	95.359	OK
SW7	FEH: 30 years: +40 %: 120 mins: Summer	17.500	16.580	16.666	0.086	13.6	0.098	0.000	13.2	33.286	OK
SW8	FEH: 30 years: +40 %: 120 mins: Summer	17.500	16.380	16.489	0.109	19.8	0.123	0.000	18.9	49.691	OK
SW5	FEH: 30 years: +40 %: 120 mins: Summer	17.600	16.850	16.917	0.067	9.7	0.075	0.000	9.7	24.569	OK
SW6	FEH: 30 years: +40 %: 1440 mins: Winter	17.470	15.740	16.177	0.437	9.1	0.494	0.000	9.1	269.032	Surcharged
SW11	FEH: 30 years: +40 %: 15 mins: Summer	17.440	16.160	16.451	0.291	184.0	0.330	0.000	176.9	79.756	OK
SW12	FEH: 30 years: +40 %: 1440 mins: Winter	18.200	15.400	16.177	0.777	11.7	0.879	0.000	11.1	392.084	Surcharged
Surface Water Outfall	FEH: 30 years: +40 %: 1440 mins: Winter	13.830	13.380	13.446	0.066	6.7	0.000	0.000	6.7	974.093	OK
SW24	FEH: 30 years: +40 %: 240 mins: Summer	16.450	15.700	15.715	0.015	0.6	0.004	0.000	0.6	12.716	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 100 years: +0 %: 1440 mins: Winter	17.470	14.960	16.021	1.061	2.1	1.200	0.000	2.1	308.093	Surcharged
SW14	FEH: 100 years: +0 %: 1440 mins: Winter	16.500	14.460	14.497	0.037	2.1	0.042	0.000	2.1	307.721	OK
SW15	FEH: 100 years: +0 %: 1440 mins: Winter	15.750	13.960	14.026	0.066	6.6	0.075	0.000	6.6	958.708	OK
SW34	FEH: 100 years: +0 %: 1440 mins: Winter	17.000	14.370	14.424	0.054	4.7	0.061	0.000	4.7	651.995	OK
SW33	FEH: 100 years: +0 %: 1440 mins: Summer	16.600	14.660	14.714	0.054	4.7	0.061	0.000	4.7	645.605	OK
SW32	FEH: 100 years: +0 %: 1440 mins: Summer	16.900	14.730	15.327	0.597	4.7	0.675	0.000	4.7	645.978	Surcharged
SW16	FEH: 100 years: +0 %: 120 mins: Summer	17.150	16.400	16.521	0.121	24.8	0.137	0.000	23.5	60.834	OK
SW17	FEH: 100 years: +0 %: 120 mins: Summer	16.800	15.980	16.109	0.129	25.9	0.146	0.000	25.9	67.165	OK
SW18	FEH: 100 years: +0 %: 120 mins: Summer	16.910	15.610	15.749	0.139	34.0	0.157	0.000	34.1	88.933	OK
SW19	FEH: 100 years: +0 %: 120 mins: Summer	16.920	15.480	15.638	0.158	58.9	0.179	0.000	59.1	154.830	OK
SW20	FEH: 100 years: +0 %: 60 mins: Summer	17.000	16.250	16.290	0.040	4.0	0.046	0.000	3.7	6.919	OK
SW21	FEH: 100 years: +0 %: 120 mins: Summer	16.870	15.980	16.092	0.112	23.2	0.126	0.000	22.2	58.046	OK
SW30	FEH: 100 years: +0 %: 15 mins: Summer	16.450	15.630	15.724	0.094	16.9	0.027	0.000	15.8	7.674	OK
SW31	FEH: 100 years: +0 %: 15 mins: Summer	16.450	15.300	15.442	0.142	50.2	0.160	0.000	48.5	23.057	OK
SW29	FEH: 100 years: +0 %: 1440 mins: Summer	16.600	14.890	15.327	0.437	19.0	0.494	0.000	18.7	496.500	Surcharged
SW28	FEH: 100 years: +0 %: 1440 mins: Summer	16.750	15.000	15.327	0.327	10.8	0.370	0.000	10.8	330.996	Surcharged
SW23	FEH: 100 years: +0 %: 1440 mins: Summer	16.500	15.120	15.327	0.207	8.2	0.234	0.000	8.1	277.042	OK
SW22	FEH: 100 years: +0 %: 15 mins: Summer	16.350	15.600	15.683	0.083	12.2	0.024	0.000	11.6	6.901	OK
SW27	FEH: 100 years: +0 %: 120 mins: Summer	16.450	15.370	15.449	0.079	14.1	0.090	0.000	13.6	54.232	OK

SW26	FEH: 100 years: +0 %: 15 mins: Summer	16.450	15.630	15.630	0.000	0.0	0.000	0.000	0.0	0.000	OK
SW25	FEH: 100 years: +0 %: 15 mins: Summer	16.450	15.390	15.469	0.079	9.2	0.089	0.000	8.7	5.462	OK
SW1	FEH: 100 years: +0 %: 60 mins: Summer	17.450	16.700	16.782	0.082	8.2	0.023	0.000	7.9	14.948	OK
SW2	FEH: 100 years: +0 %: 15 mins: Summer	17.450	16.520	16.628	0.108	20.0	0.030	0.000	18.7	9.102	OK
SW3	FEH: 100 years: +0 %: 120 mins: Summer	17.450	16.230	16.354	0.124	40.3	0.140	0.000	38.3	100.071	OK
SW4	FEH: 100 years: +0 %: 1440 mins: Winter	17.450	15.430	16.021	0.591	14.3	0.669	0.000	14.3	416.612	Surcharged
SW10	FEH: 100 years: +0 %: 15 mins: Summer	17.450	16.630	16.738	0.108	21.0	0.122	0.000	20.0	9.549	OK
SW9	FEH: 100 years: +0 %: 120 mins: Summer	17.470	16.270	16.381	0.111	33.5	0.125	0.000	32.1	84.968	OK
SW7	FEH: 100 years: +0 %: 120 mins: Summer	17.500	16.580	16.661	0.081	12.2	0.092	0.000	11.8	29.660	OK
SW8	FEH: 100 years: +0 %: 120 mins: Summer	17.500	16.380	16.481	0.101	17.6	0.114	0.000	16.8	44.243	OK
SW5	FEH: 100 years: +0 %: 120 mins: Summer	17.600	16.850	16.912	0.062	8.7	0.071	0.000	8.6	21.896	OK
SW6	FEH: 100 years: +0 %: 1440 mins: Winter	17.470	15.740	16.021	0.281	8.1	0.318	0.000	8.1	235.987	OK
SW11	FEH: 100 years: +0 %: 15 mins: Summer	17.440	16.160	16.427	0.267	165.2	0.301	0.000	157.3	71.629	OK
SW12	FEH: 100 years: +0 %: 1440 mins: Winter	18.200	15.400	16.021	0.621	10.4	0.703	0.000	10.2	350.041	Surcharged
Surface Water Outfall	FEH: 100 years: +0 %: 1440 mins: Winter	13.830	13.380	13.445	0.065	6.6	0.000	0.000	6.6	958.708	OK
SW24	FEH: 100 years: +0 %: 240 mins: Summer	16.450	15.700	15.715	0.015	0.6	0.004	0.000	0.6	11.768	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW13	FEH: 100 years: +45 %: 1440 mins: Winter	17.470	14.960	16.587	1.627	3.2	1.840	0.000	2.6	372.818	Surcharged
SW14	FEH: 100 years: +45 %: 1440 mins: Winter	16.500	14.460	14.501	0.041	2.6	0.046	0.000	2.6	372.382	OK
SW15	FEH: 100 years: +45 %: 360 mins: Summer	15.750	13.960	14.027	0.067	6.7	0.075	0.000	6.7	233.567	OK
SW34	FEH: 100 years: +45 %: 1440 mins: Winter	17.000	14.370	14.424	0.054	4.7	0.061	0.000	4.7	595.286	OK
SW33	FEH: 100 years: +45 %: 120 mins: Summer	16.600	14.660	14.714	0.054	4.7	0.061	0.000	4.7	50.120	OK
SW32	FEH: 100 years: +45 %: 1440 mins: Summer	16.900	14.730	15.686	0.956	4.7	1.082	0.000	4.7	589.105	Surcharged
SW16	FEH: 100 years: +45 %: 60 mins: Summer	17.150	16.400	16.588	0.188	44.6	0.213	0.000	42.1	75.934	OK
SW17	FEH: 100 years: +45 %: 60 mins: Summer	16.800	15.980	16.174	0.194	46.2	0.219	0.000	42.7	83.857	OK
SW18	FEH: 100 years: +45 %: 60 mins: Summer	16.910	15.610	15.803	0.193	56.2	0.218	0.000	55.6	111.007	OK
SW19	FEH: 100 years: +45 %: 60 mins: Summer	16.920	15.480	15.700	0.220	99.8	0.249	0.000	96.1	192.847	OK
SW20	FEH: 100 years: +45 %: 60 mins: Summer	17.000	16.250	16.300	0.050	6.0	0.057	0.000	5.9	11.822	OK
SW21	FEH: 100 years: +45 %: 60 mins: Summer	16.870	15.980	16.142	0.162	41.4	0.183	0.000	37.5	72.608	OK
SW30	FEH: 100 years: +45 %: 60 mins: Summer	16.450	15.630	15.754	0.124	26.3	0.035	0.000	25.4	41.235	OK
SW31	FEH: 100 years: +45 %: 1440 mins: Summer	16.450	15.300	15.686	0.386	12.0	0.437	0.000	12.0	249.969	Surcharged
SW29	FEH: 100 years: +45 %: 1440 mins: Summer	16.600	14.890	15.686	0.796	26.1	0.901	0.000	25.7	725.903	Surcharged
SW28	FEH: 100 years: +45 %: 1440 mins: Summer	16.750	15.000	15.687	0.687	14.5	0.776	0.000	14.2	480.048	Surcharged
SW23	FEH: 100 years: +45 %: 1440 mins: Summer	16.500	15.120	15.687	0.567	10.9	0.641	0.000	10.7	401.548	Surcharged
SW22	FEH: 100 years: +45 %: 15 mins: Summer	16.350	15.600	15.708	0.108	17.7	0.031	0.000	16.8	9.618	OK
SW27	FEH: 100 years: +45 %: 1440 mins: Summer	16.450	15.370	15.687	0.317	6.2	0.358	0.000	6.2	235.058	Surcharged

SW26	FEH: 100 years: +45 %: 1440 mins: Summer	16.450	15.630	15.687	0.057	0.0	0.016	0.000	0.0	0.112	OK
SW25	FEH: 100 years: +45 %: 1440 mins: Summer	16.450	15.390	15.687	0.297	3.1	0.336	0.000	3.1	172.008	OK
SW1	FEH: 100 years: +45 %: 60 mins: Summer	17.450	16.700	16.818	0.118	13.6	0.033	0.000	12.9	25.061	OK
SW2	FEH: 100 years: +45 %: 60 mins: Summer	17.450	16.520	16.669	0.149	32.4	0.042	0.000	31.2	52.666	OK
SW3	FEH: 100 years: +45 %: 1440 mins: Winter	17.450	16.230	16.587	0.357	9.0	0.403	0.000	9.0	282.735	Surcharged
SW4	FEH: 100 years: +45 %: 1440 mins: Winter	17.450	15.430	16.587	1.157	20.7	1.308	0.000	20.1	632.961	Surcharged
SW10	FEH: 100 years: +45 %: 60 mins: Summer	17.450	16.630	16.770	0.140	32.2	0.159	0.000	31.5	50.230	OK
SW9	FEH: 100 years: +45 %: 1440 mins: Winter	17.470	16.270	16.587	0.317	7.7	0.358	0.000	7.7	240.328	Surcharged
SW7	FEH: 100 years: +45 %: 60 mins: Summer	17.500	16.580	16.694	0.114	21.9	0.128	0.000	21.4	37.001	OK
SW8	FEH: 100 years: +45 %: 1440 mins: Winter	17.500	16.380	16.587	0.207	4.1	0.234	0.000	4.1	127.080	OK
SW5	FEH: 100 years: +45 %: 60 mins: Summer	17.600	16.850	16.931	0.081	14.2	0.091	0.000	13.9	27.931	OK
SW6	FEH: 100 years: +45 %: 1440 mins: Winter	17.470	15.740	16.587	0.847	11.7	0.958	0.000	11.7	358.221	Surcharged
SW11	FEH: 100 years: +45 %: 15 mins: Summer	17.440	16.160	17.137	0.977	239.6	1.105	0.000	228.6	103.700	Surcharged
SW12	FEH: 100 years: +45 %: 1440 mins: Winter	18.200	15.400	16.587	1.187	15.1	1.342	0.000	14.5	505.909	Surcharged
Surface Water Outfall	FEH: 100 years: +45 %: 360 mins: Summer	13.830	13.380	13.446	0.066	6.7	0.000	0.000	6.7	233.567	OK
SW24	FEH: 100 years: +45 %: 240 mins: Summer	16.450	15.700	15.716	0.016	0.7	0.004	0.000	0.7	14.802	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 2 years: +0 %: 960 mins: Summer	15.351	15.351	0.351	0.351	23.8	213.678	0.000	0.000	2.1	197.764		78.052
Att Tank 2	FEH: 2 years: +0 %: 1440 mins: Summer	14.959	14.959	0.199	0.199	20.2	251.612	0.000	0.000	4.3	385.666		83.460
Courtyard East Paving	FEH: 2 years: +0 %: 360 mins: Summer	16.464	16.440	0.039	0.125	6.3	22.398	0.000	0.000	1.7	33.254		79.369
Courtyard West Paving	FEH: 2 years: +0 %: 240 mins: Summer	16.036	16.019	0.036	0.110	4.7	10.540	0.000	0.000	1.5	17.120		81.418
Courtyard Centre Paving	FEH: 2 years: +0 %: 240 mins: Summer	16.095	16.095	0.042	0.095	1.8	4.378	0.000	0.000	0.4	6.483		81.792
MUGA Phase 1	FEH: 2 years: +0 %: 240 mins: Summer	16.532	15.946	0.038	0.030	16.2	31.833	0.000	0.000	7.2	58.223		85.991

Status
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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 10 years: +0 %: 1440 mins: Winter	15.587	15.587	0.587	0.587	16.2	356.968	0.000	0.000	2.1	292.169		63.333
Att Tank 2	FEH: 10 years: +0 %: 960 mins: Winter	15.078	15.078	0.318	0.318	26.0	402.563	0.000	0.000	4.6	397.443		73.538
Courtyard East Paving	FEH: 10 years: +0 %: 360 mins: Summer	16.485	16.482	0.061	0.167	9.2	33.369	0.000	0.000	2.0	48.453		69.263
Courtyard West Paving	FEH: 10 years: +0 %: 240 mins: Summer	16.062	16.058	0.062	0.149	7.0	16.069	0.000	0.000	1.8	25.738		71.670
Courtyard Centre Paving	FEH: 10 years: +0 %: 240 mins: Summer	16.132	16.133	0.080	0.133	2.7	6.815	0.000	0.000	0.5	8.888		71.657
MUGA Phase 1	FEH: 10 years: +0 %: 120 mins: Summer	16.550	15.954	0.055	0.038	35.6	43.906	0.000	0.000	12.2	65.556		80.677

Status
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FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 30 years: +0 %: 1440 mins: Winter	15.775	15.775	0.775	0.775	19.8	471.441	0.000	0.000	2.1	279.985		51.575
Att Tank 2	FEH: 30 years: +0 %: 960 mins: Summer	15.180	15.180	0.420	0.420	44.6	531.747	0.000	0.000	4.7	420.098		65.046
Courtyard East Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.516	16.512	0.091	0.197	15.2	42.292	0.000	0.000	2.2	43.577		61.043
Courtyard West Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.091	16.088	0.091	0.179	8.7	20.528	0.000	0.000	2.0	32.120		63.809
Courtyard Centre Paving	FEH: 30 years: +0 %: 240 mins: Summer	16.163	16.163	0.110	0.163	3.3	8.746	0.000	0.000	0.5	10.307		63.624
MUGA Phase 1	FEH: 30 years: +0 %: 120 mins: Summer	16.561	15.961	0.066	0.045	45.5	53.648	0.000	0.000	17.0	85.987		76.390

Status
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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 30 years: +40 %: 1440 mins: Winter	16.177	16.177	1.177	1.177	26.6	715.524	0.000	0.000	2.2	328.370		26.504
Att Tank 2	FEH: 30 years: +40 %: 1440 mins: Summer	15.424	15.424	0.664	0.664	46.6	841.514	0.000	0.000	4.7	642.505	395	44.683
Courtyard East Paving	FEH: 30 years: +40 %: 360 mins: Summer	16.581	16.576	0.156	0.261	16.0	61.161	0.000	0.000	2.5	75.607	115	43.663
Courtyard West Paving	FEH: 30 years: +40 %: 240 mins: Summer	16.152	16.148	0.152	0.239	12.2	29.807	0.000	0.000	2.4	43.937	35	47.449
Courtyard Centre Paving	FEH: 30 years: +40 %: 240 mins: Summer	16.225	16.225	0.172	0.225	4.7	12.752	0.000	0.000	0.6	12.741	60	46.964
MUGA Phase 1	FEH: 30 years: +40 %: 120 mins: Summer	16.580	15.970	0.085	0.054	63.7	72.386	0.000	0.000	24.9	123.710		68.143

Status
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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025 Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 100 years: +0 %: 1440 mins: Winter	16.021	16.021	1.021	1.021	24.2	620.922	0.000	0.000	2.1	309.287	1185	36.221
Att Tank 2	FEH: 100 years: +0 %: 1440 mins: Summer	15.327	15.327	0.567	0.567	41.9	718.214	0.000	0.000	4.7	646.688		52.788
Courtyard East Paving	FEH: 100 years: +0 %: 360 mins: Summer	16.554	16.549	0.129	0.234	14.1	53.337	0.000	0.000	2.4	69.488		50.869
Courtyard West Paving	FEH: 100 years: +0 %: 240 mins: Summer	16.127	16.123	0.127	0.214	10.8	25.978	0.000	0.000	2.3	39.360		54.200
Courtyard Centre Paving	FEH: 100 years: +0 %: 240 mins: Summer	16.199	16.199	0.147	0.199	4.1	11.096	0.000	0.000	0.6	11.791		53.851
MUGA Phase 1	FEH: 100 years: +0 %: 120 mins: Summer	16.573	15.967	0.078	0.051	56.8	64.863	0.000	0.000	22.2	109.358		71.454

Status
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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 1 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Att Tank 1	FEH: 100 years: +45 %: 1440 mins: Winter	16.587	16.587	1.587	1.587	34.7	964.683	0.000	0.000	3.2	375.807		0.911
Att Tank 2	FEH: 100 years: +45 %: 1440 mins: Summer	15.686	15.686	0.926	0.926	59.6	1173.936	0.000	0.000	4.7	590.386		22.831
Courtyard East Paving	FEH: 100 years: +45 %: 360 mins: Summer	16.648	16.641	0.223	0.326	20.5	80.492	0.000	0.000	2.9	88.613	235	25.856
Courtyard West Paving	FEH: 100 years: +45 %: 240 mins: Summer	16.215	16.210	0.215	0.301	15.7	39.337	0.000	0.000	2.7	53.112	120	30.648
Courtyard Centre Paving	FEH: 100 years: +45 %: 240 mins: Winter	16.290	16.290	0.237	0.290	4.0	16.887	0.000	0.000	0.7	14.842	140	29.767
MUGA Phase 1	FEH: 100 years: +45 %: 120 mins: Summer	16.599	15.976	0.104	0.060	82.3	92.580	0.000	0.000	30.9	161.917		59.256

Status
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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 2 years: +0 %: 1440 mins: Summer	14.350	12.885	13.123	0.238	8.6	0.341	0.000	8.6	839.535	Surcharged
SW81	FEH: 2 years: +0 %: 1440 mins: Summer	14.390	12.675	12.764	0.089	8.6	0.100	0.000	8.6	839.294	OK
SW82	FEH: 2 years: +0 %: 1440 mins: Summer	14.330	12.580	12.663	0.083	8.6	0.000	0.000	8.6	839.294	OK
SW35	FEH: 2 years: +0 %: 15 mins: Summer	17.440	16.390	16.487	0.097	24.0	0.109	0.000	23.2	10.390	OK
SW36	FEH: 2 years: +0 %: 15 mins: Summer	17.870	15.900	16.026	0.126	43.6	0.143	0.000	41.3	19.607	OK
SW37	FEH: 2 years: +0 %: 15 mins: Summer	17.660	16.610	16.678	0.068	13.7	0.077	0.000	12.8	5.940	OK
SW38	FEH: 2 years: +0 %: 15 mins: Summer	17.120	15.410	15.520	0.110	46.8	0.125	0.000	44.3	21.928	OK
SW39	FEH: 2 years: +0 %: 15 mins: Summer	15.900	14.500	14.611	0.111	52.0	0.126	0.000	49.6	25.238	OK
SW40	FEH: 2 years: +0 %: 15 mins: Summer	14.890	13.690	13.845	0.155	53.7	0.175	0.000	49.9	28.898	OK
SW43	FEH: 2 years: +0 %: 15 mins: Summer	15.000	13.420	13.566	0.146	59.3	0.165	0.000	56.7	33.859	OK
SW47	FEH: 2 years: +0 %: 30 mins: Summer	14.240	13.040	13.289	0.249	63.2	0.282	0.000	62.8	61.060	OK
SW53	FEH: 2 years: +0 %: 30 mins: Summer	14.280	12.980	13.213	0.233	86.4	0.334	0.000	86.4	90.802	OK
SW44	FEH: 2 years: +0 %: 30 mins: Summer	15.200	14.450	14.541	0.091	1.3	0.026	0.000	1.3	1.483	OK
SW45	FEH: 2 years: +0 %: 15 mins: Summer	15.200	14.150	14.189	0.039	3.7	0.044	0.000	3.6	2.438	OK
SW46	FEH: 2 years: +0 %: 15 mins: Summer	15.600	13.830	13.868	0.038	3.6	0.043	0.000	3.3	2.406	OK
SW54	FEH: 2 years: +0 %: 15 mins: Summer	15.310	14.260	14.320	0.060	7.6	0.068	0.000	6.9	3.282	OK
SW55	FEH: 2 years: +0 %: 15 mins: Summer	14.710	13.560	13.647	0.087	11.4	0.098	0.000	10.9	5.251	OK
SW56	FEH: 2 years: +0 %: 15 mins: Summer	14.590	13.440	13.527	0.087	12.9	0.099	0.000	11.5	6.139	OK
SW57	FEH: 2 years: +0 %: 30 mins: Summer	14.370	13.190	13.294	0.104	18.3	0.117	0.000	17.9	19.810	OK
SW59	FEH: 2 years: +0 %: 15 mins: Summer	14.550	13.370	13.416	0.046	4.7	0.052	0.000	4.3	3.019	OK
SW49	FEH: 2 years: +0 %: 30 mins: Summer	14.910	13.860	14.141	0.281	3.0	0.079	0.000	2.6	2.695	Surcharged
SW50	FEH: 2 years: +0 %: 15 mins: Summer	14.825	13.775	13.993	0.218	2.5	0.062	0.000	2.3	1.667	Surcharged
SW51	FEH: 2 years: +0 %: 30 mins: Summer	14.542	13.492	13.745	0.253	2.5	0.072	0.000	2.5	2.785	Surcharged
SW52	FEH: 2 years: +0 %: 60 mins: Summer	14.395	13.345	13.480	0.135	1.8	0.038	0.000	1.7	2.960	OK
SW62	FEH: 2 years: +0 %: 120 mins: Summer	14.309	13.259	13.907	0.648	4.4	0.183	0.000	4.1	11.367	Surcharged
SW63	FEH: 2 years: +0 %: 120 mins: Summer	14.314	13.264	13.406	0.142	1.8	0.040	0.000	1.8	4.934	OK
SW61	FEH: 2 years: +0 %: 120 mins: Summer	14.421	13.371	14.008	0.637	4.5	0.180	0.000	4.0	13.637	Surcharged
SW58	FEH: 2 years: +0 %: 15 mins: Summer	14.500	13.450	13.601	0.151	1.9	0.043	0.000	1.8	1.283	Surcharged
SW60	FEH: 2 years: +0 %: 120 mins: Summer	14.600	13.550	14.256	0.706	0.9	0.200	0.000	0.9	3.143	Surcharged

SW42	FEH: 2 years: +0 %: 120 mins: Summer	14.764	14.114	14.133	0.019	1.4	0.005	0.000	1.4	4.685	OK
SW41	FEH: 2 years: +0 %: 15 mins: Summer	14.980	14.380	14.598	0.218	2.3	0.062	0.000	2.3	1.890	Surcharged
SW70	FEH: 2 years: +0 %: 15 mins: Summer	15.380	13.985	14.096	0.111	20.7	0.126	0.000	19.8	10.792	OK
SW71	FEH: 2 years: +0 %: 15 mins: Summer	15.300	13.785	13.875	0.090	35.7	0.102	0.000	34.6	18.361	OK
SW69	FEH: 2 years: +0 %: 360 mins: Summer	15.310	14.560	14.592	0.032	5.7	0.037	0.000	5.7	72.635	OK
SW68	FEH: 2 years: +0 %: 15 mins: Summer	15.310	14.190	14.274	0.084	13.6	0.095	0.000	11.9	7.054	OK
SW67	FEH: 2 years: +0 %: 15 mins: Summer	15.310	14.560	14.624	0.064	8.4	0.018	0.000	7.9	3.666	OK
SW72	FEH: 2 years: +0 %: 15 mins: Summer	15.270	14.520	14.585	0.065	10.2	0.018	0.000	8.4	4.409	OK
SW65	FEH: 2 years: +0 %: 15 mins: Summer	14.350	13.300	13.380	0.080	16.6	0.090	0.000	15.5	7.371	OK
SW66	FEH: 2 years: +0 %: 15 mins: Summer	14.700	13.650	13.703	0.053	7.2	0.060	0.000	6.9	3.124	OK
SW64	FEH: 2 years: +0 %: 15 mins: Summer	14.270	13.220	13.395	0.175	6.7	0.050	0.000	6.2	2.750	OK
Rainwater Harvester	FEH: 2 years: +0 %: 15 mins: Summer	16.500	15.230	15.339	0.109	18.0	0.123	0.000	16.3	8.636	OK
SW74	FEH: 2 years: +0 %: 15 mins: Summer	16.500	15.140	15.262	0.122	23.7	0.138	0.000	22.3	11.787	OK
SW75	FEH: 2 years: +0 %: 15 mins: Summer	16.000	14.950	15.048	0.098	27.7	0.111	0.000	26.3	14.087	OK
SW76	FEH: 2 years: +0 %: 15 mins: Summer	16.030	14.400	14.487	0.087	32.1	0.099	0.000	31.1	16.583	OK
SW78	FEH: 2 years: +0 %: 15 mins: Summer	15.200	14.150	14.174	0.024	1.4	0.027	0.000	1.2	0.587	OK
SW77	FEH: 2 years: +0 %: 15 mins: Summer	15.550	13.540	13.675	0.135	36.0	0.152	0.000	32.6	18.990	OK
SW79	FEH: 2 years: +0 %: 15 mins: Summer	15.350	13.310	13.446	0.136	38.6	0.154	0.000	37.1	21.574	OK
SW48	FEH: 2 years: +0 %: 15 mins: Summer	14.950	14.200	14.235	0.035	5.2	0.010	0.000	5.1	2.254	OK
SW26	FEH: 2 years: +0 %: 15 mins: Winter	16.450	15.430	15.510	0.080	11.4	0.023	0.000	11.0	5.431	OK
SW25	FEH: 2 years: +0 %: 15 mins: Winter	16.450	15.700	15.772	0.072	7.9	0.020	0.000	7.5	3.631	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 10 years: +0 %: 960 mins: Winter	14.350	12.885	13.210	0.325	10.0	0.465	0.000	10.0	830.385	Surcharged
SW81	FEH: 10 years: +0 %: 960 mins: Winter	14.390	12.675	12.773	0.098	10.0	0.111	0.000	10.0	829.932	OK
SW82	FEH: 10 years: +0 %: 960 mins: Winter	14.330	12.580	12.671	0.091	10.0	0.000	0.000	10.0	829.932	OK
SW35	FEH: 10 years: +0 %: 15 mins: Summer	17.440	16.390	16.527	0.137	40.7	0.155	0.000	39.4	17.613	OK
SW36	FEH: 10 years: +0 %: 15 mins: Summer	17.870	15.900	16.075	0.175	74.9	0.198	0.000	70.7	33.241	OK
SW37	FEH: 10 years: +0 %: 15 mins: Summer	17.660	16.610	16.701	0.091	23.3	0.103	0.000	22.7	10.058	OK
SW38	FEH: 10 years: +0 %: 15 mins: Summer	17.120	15.410	15.561	0.151	79.9	0.171	0.000	76.0	37.187	OK
SW39	FEH: 10 years: +0 %: 15 mins: Summer	15.900	14.500	14.655	0.155	89.1	0.175	0.000	85.0	42.789	OK
SW40	FEH: 10 years: +0 %: 15 mins: Summer	14.890	13.690	13.917	0.227	92.4	0.257	0.000	85.1	49.428	OK
SW43	FEH: 10 years: +0 %: 30 mins: Summer	15.000	13.420	13.653	0.233	85.4	0.263	0.000	83.1	79.374	OK
SW47	FEH: 10 years: +0 %: 30 mins: Summer	14.240	13.040	13.458	0.418	105.8	0.473	0.000	104.5	105.880	Surcharged
SW53	FEH: 10 years: +0 %: 30 mins: Summer	14.280	12.980	13.296	0.316	145.3	0.452	0.000	156.8	158.817	OK
SW44	FEH: 10 years: +0 %: 30 mins: Summer	15.200	14.450	14.694	0.244	2.5	0.069	0.000	2.4	2.624	Surcharged
SW45	FEH: 10 years: +0 %: 15 mins: Summer	15.200	14.150	14.204	0.054	6.7	0.061	0.000	6.4	4.313	OK
SW46	FEH: 10 years: +0 %: 15 mins: Summer	15.600	13.830	13.882	0.052	6.4	0.058	0.000	6.3	4.265	OK
SW54	FEH: 10 years: +0 %: 15 mins: Summer	15.310	14.260	14.342	0.082	12.9	0.093	0.000	11.7	5.559	OK
SW55	FEH: 10 years: +0 %: 15 mins: Summer	14.710	13.560	13.680	0.120	19.5	0.136	0.000	18.7	8.898	OK
SW56	FEH: 10 years: +0 %: 15 mins: Summer	14.590	13.440	13.560	0.120	22.2	0.135	0.000	20.0	10.408	OK
SW57	FEH: 10 years: +0 %: 30 mins: Summer	14.370	13.190	13.351	0.161	31.5	0.182	0.000	31.2	35.284	OK
SW59	FEH: 10 years: +0 %: 15 mins: Summer	14.550	13.370	13.432	0.062	8.4	0.070	0.000	7.9	5.268	OK

SW49	FEH: 10 years: +0 %: 30 mins: Summer	14.910	13.860	14.501	0.641	4.5	0.182	0.000	4.1	4.640	Surcharged
SW50	FEH: 10 years: +0 %: 30 mins: Summer	14.825	13.775	14.340	0.565	4.6	0.160	0.000	3.8	4.166	Surcharged
SW51	FEH: 10 years: +0 %: 30 mins: Summer	14.542	13.492	14.135	0.643	5.0	0.182	0.000	4.1	4.905	Surcharged
SW52	FEH: 10 years: +0 %: 30 mins: Summer	14.395	13.345	13.802	0.457	3.5	0.129	0.000	3.4	3.870	Surcharged
SW62	FEH: 10 years: +0 %: 60 mins: Summer	14.309	13.259	14.046	0.787	4.7	0.223	0.000	4.5	13.692	Flood Risk
SW63	FEH: 10 years: +0 %: 60 mins: Summer	14.314	13.264	13.664	0.400	3.6	0.113	0.000	3.2	5.880	Surcharged
SW61	FEH: 10 years: +0 %: 120 mins: Summer	14.421	13.371	14.156	0.785	4.9	0.222	0.000	4.5	22.724	Flood Risk
SW58	FEH: 10 years: +0 %: 15 mins: Summer	14.500	13.450	13.837	0.387	3.2	0.110	0.000	3.1	2.291	Surcharged
SW60	FEH: 10 years: +0 %: 120 mins: Summer	14.600	13.550	14.307	0.757	1.4	0.214	0.000	1.4	5.465	Flood Risk
SW42	FEH: 10 years: +0 %: 60 mins: Summer	14.764	14.114	14.139	0.025	2.4	0.007	0.000	2.4	5.382	OK
SW41	FEH: 10 years: +0 %: 30 mins: Summer	14.980	14.380	14.704	0.324	3.1	0.092	0.000	2.9	4.597	Flood Risk
SW70	FEH: 10 years: +0 %: 15 mins: Summer	15.380	13.985	14.143	0.158	35.7	0.179	0.000	34.3	19.112	OK
SW71	FEH: 10 years: +0 %: 15 mins: Summer	15.300	13.785	13.909	0.124	61.6	0.141	0.000	60.0	31.965	OK
SW69	FEH: 10 years: +0 %: 240 mins: Summer	15.310	14.560	14.603	0.043	9.5	0.048	0.000	9.5	93.271	OK
SW68	FEH: 10 years: +0 %: 15 mins: Summer	15.310	14.190	14.307	0.117	23.4	0.132	0.000	20.8	12.770	OK
SW67	FEH: 10 years: +0 %: 15 mins: Summer	15.310	14.560	14.645	0.085	14.3	0.024	0.000	13.6	6.220	OK
SW72	FEH: 10 years: +0 %: 15 mins: Summer	15.270	14.520	14.608	0.088	17.3	0.025	0.000	14.7	7.496	OK
SW65	FEH: 10 years: +0 %: 15 mins: Summer	14.350	13.300	13.407	0.107	28.4	0.121	0.000	27.0	12.616	OK
SW66	FEH: 10 years: +0 %: 15 mins: Summer	14.700	13.650	13.720	0.070	12.2	0.079	0.000	11.8	5.302	OK
SW64	FEH: 10 years: +0 %: 15 mins: Summer	14.270	13.220	13.431	0.211	11.3	0.060	0.000	10.8	4.763	OK
Rainwater Harvester	FEH: 10 years: +0 %: 15 mins: Summer	16.500	15.230	15.390	0.160	30.9	0.181	0.000	28.1	14.812	OK
SW74	FEH: 10 years: +0 %: 15 mins: Summer	16.500	15.140	15.317	0.177	40.6	0.200	0.000	38.3	20.171	OK
SW75	FEH: 10 years: +0 %: 15 mins: Summer	16.000	14.950	15.088	0.138	47.5	0.156	0.000	45.4	24.089	OK

SW76	FEH: 10 years: +0 %: 15 mins: Summer	16.030	14.400	14.520	0.120	55.3	0.135	0.000	53.7	28.334	OK
SW78	FEH: 10 years: +0 %: 15 mins: Summer	15.200	14.150	14.182	0.032	2.3	0.036	0.000	2.1	0.986	OK
SW77	FEH: 10 years: +0 %: 15 mins: Summer	15.550	13.540	13.766	0.226	62.3	0.256	0.000	54.8	32.544	Surcharged
SW79	FEH: 10 years: +0 %: 15 mins: Summer	15.350	13.310	13.508	0.198	65.0	0.224	0.000	63.7	36.942	OK
SW48	FEH: 10 years: +0 %: 15 mins: Summer	14.950	14.200	14.247	0.047	8.8	0.013	0.000	8.8	3.815	OK
SW26	FEH: 10 years: +0 %: 15 mins: Winter	16.450	15.430	15.537	0.107	19.4	0.030	0.000	18.8	9.208	OK
SW25	FEH: 10 years: +0 %: 15 mins: Winter	16.450	15.700	15.801	0.101	13.4	0.029	0.000	12.8	6.160	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 30 years: +0 %: 960 mins: Winter	14.350	12.885	13.285	0.400	10.4	0.572	0.000	10.4	917.221	Surcharged
SW81	FEH: 30 years: +0 %: 960 mins: Winter	14.390	12.675	12.776	0.101	10.4	0.114	0.000	10.4	916.664	OK
SW82	FEH: 30 years: +0 %: 960 mins: Winter	14.330	12.580	12.674	0.094	10.4	0.000	0.000	10.4	916.664	OK
SW35	FEH: 30 years: +0 %: 15 mins: Summer	17.440	16.390	16.560	0.170	53.1	0.192	0.000	51.6	23.033	OK
SW36	FEH: 30 years: +0 %: 15 mins: Summer	17.870	15.900	16.114	0.214	98.1	0.242	0.000	93.6	43.493	OK
SW37	FEH: 30 years: +0 %: 15 mins: Summer	17.660	16.610	16.715	0.105	30.4	0.118	0.000	29.6	13.150	OK
SW38	FEH: 30 years: +0 %: 15 mins: Summer	17.120	15.410	15.591	0.181	105.6	0.205	0.000	100.6	48.644	OK
SW39	FEH: 30 years: +0 %: 15 mins: Summer	15.900	14.500	14.683	0.183	117.6	0.207	0.000	114.2	55.906	OK
SW40	FEH: 30 years: +0 %: 15 mins: Summer	14.890	13.690	14.296	0.606	123.1	0.685	0.000	103.3	70.097	Surcharged
SW43	FEH: 30 years: +0 %: 15 mins: Summer	15.000	13.420	13.981	0.561	116.9	0.635	0.000	109.8	79.131	Surcharged
SW47	FEH: 30 years: +0 %: 30 mins: Summer	14.240	13.040	13.613	0.573	135.6	0.648	0.000	134.1	139.040	Surcharged
SW53	FEH: 30 years: +0 %: 60 mins: Summer	14.280	12.980	13.332	0.352	175.8	0.504	0.000	156.1	273.809	OK
SW44	FEH: 30 years: +0 %: 30 mins: Summer	15.200	14.450	14.805	0.355	3.5	0.101	0.000	3.0	3.357	Surcharged
SW45	FEH: 30 years: +0 %: 15 mins: Summer	15.200	14.150	14.214	0.064	9.0	0.072	0.000	8.9	5.659	OK
SW46	FEH: 30 years: +0 %: 30 mins: Summer	15.600	13.830	13.995	0.165	7.7	0.186	0.000	7.2	7.869	Surcharged
SW54	FEH: 30 years: +0 %: 15 mins: Summer	15.310	14.260	14.359	0.099	16.8	0.112	0.000	15.4	7.282	OK
SW55	FEH: 30 years: +0 %: 15 mins: Summer	14.710	13.560	13.703	0.143	25.5	0.162	0.000	24.4	11.649	OK
SW56	FEH: 30 years: +0 %: 15 mins: Summer	14.590	13.440	13.583	0.143	29.0	0.161	0.000	26.3	13.611	OK
SW57	FEH: 30 years: +0 %: 30 mins: Summer	14.370	13.190	13.397	0.207	40.3	0.234	0.000	39.1	44.246	OK
SW59	FEH: 30 years: +0 %: 15 mins: Summer	14.550	13.370	13.442	0.072	11.0	0.081	0.000	10.5	6.873	OK

SW49	FEH: 30 years: +0 %: 15 mins: Summer	14.910	13.860	14.607	0.747	7.5	0.211	0.000	4.4	4.800	Surcharged
SW50	FEH: 30 years: +0 %: 15 mins: Summer	14.825	13.775	14.457	0.682	4.4	0.193	0.000	4.2	3.819	Surcharged
SW51	FEH: 30 years: +0 %: 30 mins: Summer	14.542	13.492	14.211	0.719	4.8	0.203	0.000	4.3	6.280	Surcharged
SW52	FEH: 30 years: +0 %: 30 mins: Summer	14.395	13.345	14.010	0.665	4.5	0.188	0.000	4.0	4.966	Surcharged
SW62	FEH: 30 years: +0 %: 60 mins: Summer	14.309	13.259	14.107	0.848	6.9	0.240	0.000	4.7	18.048	Flood Risk
SW63	FEH: 30 years: +0 %: 60 mins: Summer	14.314	13.264	13.900	0.636	4.3	0.180	0.000	4.0	7.769	Surcharged
SW61	FEH: 30 years: +0 %: 120 mins: Summer	14.421	13.371	14.217	0.846	4.8	0.240	0.000	4.7	29.654	Flood Risk
SW58	FEH: 30 years: +0 %: 15 mins: Summer	14.500	13.450	14.039	0.589	4.0	0.167	0.000	3.8	2.975	Surcharged
SW60	FEH: 30 years: +0 %: 120 mins: Summer	14.600	13.550	14.347	0.797	1.6	0.226	0.000	1.6	7.258	Flood Risk
SW42	FEH: 30 years: +0 %: 30 mins: Summer	14.764	14.114	14.199	0.085	3.7	0.024	0.000	3.7	5.105	OK
SW41	FEH: 30 years: +0 %: 30 mins: Summer	14.980	14.380	14.761	0.381	3.3	0.108	0.000	3.1	5.875	Flood Risk
SW70	FEH: 30 years: +0 %: 15 mins: Summer	15.380	13.985	14.185	0.200	47.1	0.226	0.000	44.9	25.623	OK
SW71	FEH: 30 years: +0 %: 15 mins: Summer	15.300	13.785	13.932	0.147	80.7	0.167	0.000	78.9	42.430	OK
SW69	FEH: 30 years: +0 %: 240 mins: Summer	15.310	14.560	14.609	0.049	11.8	0.055	0.000	11.8	118.612	OK
SW68	FEH: 30 years: +0 %: 15 mins: Summer	15.310	14.190	14.330	0.140	30.8	0.158	0.000	27.6	17.338	OK
SW67	FEH: 30 years: +0 %: 15 mins: Summer	15.310	14.560	14.659	0.099	18.7	0.028	0.000	17.8	8.133	OK
SW72	FEH: 30 years: +0 %: 15 mins: Summer	15.270	14.520	14.623	0.103	22.7	0.029	0.000	19.4	9.801	OK
SW65	FEH: 30 years: +0 %: 15 mins: Summer	14.350	13.300	13.424	0.124	37.4	0.140	0.000	35.5	16.532	OK
SW66	FEH: 30 years: +0 %: 15 mins: Summer	14.700	13.650	13.731	0.081	16.0	0.092	0.000	15.5	6.928	OK
SW64	FEH: 30 years: +0 %: 15 mins: Summer	14.270	13.220	13.462	0.242	14.8	0.069	0.000	14.3	6.269	Surcharged
Rainwater Harvester	FEH: 30 years: +0 %: 15 mins: Summer	16.500	15.230	15.452	0.222	40.6	0.251	0.000	32.0	19.400	OK
SW74	FEH: 30 years: +0 %: 15 mins: Summer	16.500	15.140	15.383	0.243	48.3	0.274	0.000	46.6	26.425	Surcharged
SW75	FEH: 30 years: +0 %: 15 mins: Summer	16.000	14.950	15.112	0.162	58.5	0.183	0.000	56.9	31.550	OK

SW76	FEH: 30 years: +0 %: 15 mins: Summer	16.030	14.400	14.542	0.142	69.8	0.161	0.000	68.6	37.106	OK
SW78	FEH: 30 years: +0 %: 15 mins: Summer	15.200	14.150	14.188	0.038	3.0	0.043	0.000	2.8	1.287	OK
SW77	FEH: 30 years: +0 %: 15 mins: Summer	15.550	13.540	14.115	0.575	80.1	0.650	0.000	74.1	42.653	Surcharged
SW79	FEH: 30 years: +0 %: 15 mins: Summer	15.350	13.310	13.622	0.312	87.5	0.353	0.000	83.4	48.400	Surcharged
SW48	FEH: 30 years: +0 %: 15 mins: Summer	14.950	14.200	14.255	0.055	11.5	0.015	0.000	11.4	4.994	OK
SW26	FEH: 30 years: +0 %: 15 mins: Winter	16.450	15.430	15.556	0.126	25.2	0.036	0.000	24.5	12.036	OK
SW25	FEH: 30 years: +0 %: 15 mins: Winter	16.450	15.700	15.827	0.127	17.5	0.036	0.000	16.6	8.057	OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 30 years: +40 %: 1440 mins: Winter	14.350	12.885	13.457	0.572	10.7	0.819	0.000	10.6	1494.233	Surcharged
SW81	FEH: 30 years: +40 %: 480 mins: Summer	14.390	12.675	12.778	0.103	10.6	0.116	0.000	10.6	480.551	OK
SW82	FEH: 30 years: +40 %: 480 mins: Summer	14.330	12.580	12.675	0.095	10.6	0.000	0.000	10.6	480.551	OK
SW35	FEH: 30 years: +40 %: 15 mins: Summer	17.440	16.390	16.855	0.465	74.4	0.526	0.000	67.9	32.151	Surcharged
SW36	FEH: 30 years: +40 %: 15 mins: Summer	17.870	15.900	16.186	0.286	133.2	0.323	0.000	122.4	60.743	OK
SW37	FEH: 30 years: +40 %: 15 mins: Summer	17.660	16.610	16.739	0.129	42.6	0.146	0.000	41.6	18.354	OK
SW38	FEH: 30 years: +40 %: 15 mins: Summer	17.120	15.410	15.664	0.254	139.3	0.287	0.000	113.0	68.007	OK
SW39	FEH: 30 years: +40 %: 15 mins: Summer	15.900	14.500	15.204	0.704	136.9	0.797	0.000	135.5	78.364	Surcharged
SW40	FEH: 30 years: +40 %: 30 mins: Summer	14.890	13.690	14.666	0.976	126.6	1.104	0.000	112.0	143.604	Flood Risk
SW43	FEH: 30 years: +40 %: 30 mins: Summer	15.000	13.420	14.328	0.908	133.5	1.027	0.000	132.5	160.431	Surcharged
SW47	FEH: 30 years: +40 %: 30 mins: Summer	14.240	13.040	13.795	0.755	165.8	0.854	0.000	165.2	210.090	Surcharged
SW53	FEH: 30 years: +40 %: 1440 mins: Winter	14.280	12.980	13.459	0.479	25.2	0.686	0.000	25.1	865.538	Surcharged
SW44	FEH: 30 years: +40 %: 30 mins: Summer	15.200	14.450	15.004	0.554	4.6	0.157	0.000	3.8	4.908	Flood Risk
SW45	FEH: 30 years: +40 %: 15 mins: Summer	15.200	14.150	14.427	0.277	12.7	0.313	0.000	9.9	8.155	Surcharged
SW46	FEH: 30 years: +40 %: 15 mins: Summer	15.600	13.830	14.370	0.540	9.9	0.610	0.000	13.7	8.266	Surcharged
SW54	FEH: 30 years: +40 %: 15 mins: Summer	15.310	14.260	14.392	0.132	23.5	0.149	0.000	21.1	9.971	OK
SW55	FEH: 30 years: +40 %: 15 mins: Summer	14.710	13.560	13.746	0.186	35.2	0.210	0.000	33.5	16.264	OK
SW56	FEH: 30 years: +40 %: 15 mins: Summer	14.590	13.440	13.670	0.230	39.9	0.261	0.000	30.6	19.017	Surcharged
SW57	FEH: 30 years: +40 %: 15 mins: Summer	14.370	13.190	13.475	0.285	56.9	0.322	0.000	54.6	39.209	Surcharged

SW59	FEH: 30 years: +40 %: 15 mins: Summer	14.550	13.370	13.494	0.124	14.4	0.141	0.000	12.9	9.769	OK
SW49	FEH: 30 years: +40 %: 15 mins: Summer	14.910	13.860	14.752	0.892	10.6	0.252	0.000	4.8	7.316	Flood Risk
SW50	FEH: 30 years: +40 %: 30 mins: Summer	14.825	13.775	14.585	0.810	5.3	0.229	0.000	4.6	7.710	Flood Risk
SW51	FEH: 30 years: +40 %: 30 mins: Summer	14.542	13.492	14.357	0.865	4.9	0.245	0.000	4.7	9.139	Flood Risk
SW52	FEH: 30 years: +40 %: 30 mins: Summer	14.395	13.345	14.145	0.800	4.4	0.226	0.000	4.5	7.370	Flood Risk
SW62	FEH: 30 years: +40 %: 60 mins: Summer	14.309	13.259	14.195	0.936	5.0	0.265	0.000	4.9	25.404	Flood Risk
SW63	FEH: 30 years: +40 %: 60 mins: Summer	14.314	13.264	14.009	0.745	4.8	0.211	0.000	4.4	11.164	Surcharged
SW61	FEH: 30 years: +40 %: 120 mins: Summer	14.421	13.371	14.314	0.943	5.1	0.267	0.000	4.9	41.998	Flood Risk
SW58	FEH: 30 years: +40 %: 15 mins: Summer	14.500	13.450	14.161	0.711	6.1	0.201	0.000	4.2	4.327	Surcharged
SW60	FEH: 30 years: +40 %: 120 mins: Summer	14.600	13.550	14.439	0.889	1.8	0.251	0.000	1.6	10.430	Flood Risk
SW42	FEH: 30 years: +40 %: 15 mins: Summer	14.764	14.114	14.651	0.537	22.5	0.152	0.000	20.1	21.768	Flood Risk
SW41	FEH: 30 years: +40 %: 15 mins: Summer	14.980	14.380	14.879	0.499	3.3	0.141	0.000	3.5	3.718	Flood Risk
SW70	FEH: 30 years: +40 %: 15 mins: Summer	15.380	13.985	14.334	0.349	57.3	0.395	0.000	55.4	40.292	Surcharged
SW71	FEH: 30 years: +40 %: 15 mins: Summer	15.300	13.785	13.962	0.177	105.8	0.201	0.000	105.0	66.743	OK
SW69	FEH: 30 years: +40 %: 240 mins: Summer	15.310	14.560	14.617	0.057	14.9	0.065	0.000	14.9	169.122	OK
SW68	FEH: 30 years: +40 %: 15 mins: Summer	15.310	14.190	14.419	0.229	43.8	0.259	0.000	30.0	28.788	Surcharged
SW67	FEH: 30 years: +40 %: 15 mins: Summer	15.310	14.560	14.681	0.121	26.2	0.034	0.000	25.2	13.901	OK
SW72	FEH: 30 years: +40 %: 15 mins: Summer	15.270	14.520	14.647	0.127	31.7	0.036	0.000	27.5	16.840	OK
SW65	FEH: 30 years: +40 %: 1440 mins: Winter	14.350	13.300	13.459	0.159	2.5	0.180	0.000	2.5	86.192	OK
SW66	FEH: 30 years: +40 %: 15 mins: Summer	14.700	13.650	13.748	0.098	22.4	0.110	0.000	21.7	9.699	OK
SW64	FEH: 30 years: +40 %: 15 mins: Summer	14.270	13.220	13.509	0.289	20.7	0.082	0.000	20.1	8.834	Surcharged
Rainwater Harvester	FEH: 30 years: +40 %: 15 mins: Summer	16.500	15.230	15.809	0.579	46.4	0.655	0.000	38.6	27.600	Surcharged
SW74	FEH: 30 years: +40 %: 15 mins: Summer	16.500	15.140	15.709	0.569	61.3	0.643	0.000	53.7	37.263	Surcharged

SW75	FEH: 30 years: +40 %: 15 mins: Summer	16.000	14.950	15.415	0.465	70.4	0.526	0.000	63.3	44.439	Surcharged
SW76	FEH: 30 years: +40 %: 15 mins: Summer	16.030	14.400	15.022	0.622	81.3	0.703	0.000	75.6	52.252	Surcharged
SW78	FEH: 30 years: +40 %: 15 mins: Summer	15.200	14.150	14.595	0.445	7.9	0.503	0.000	4.1	2.187	Surcharged
SW77	FEH: 30 years: +40 %: 15 mins: Summer	15.550	13.540	14.563	1.023	88.1	1.157	0.000	82.2	60.510	Surcharged
SW79	FEH: 30 years: +40 %: 15 mins: Summer	15.350	13.310	14.005	0.695	99.2	0.786	0.000	89.3	68.179	Surcharged
SW48	FEH: 30 years: +40 %: 15 mins: Summer	14.950	14.200	14.266	0.066	16.2	0.019	0.000	16.0	6.991	OK
SW26	FEH: 30 years: +40 %: 15 mins: Summer	16.450	15.430	15.871	0.441	29.9	0.125	0.000	22.9	15.637	Surcharged
SW25	FEH: 30 years: +40 %: 15 mins: Winter	16.450	15.700	16.090	0.390	24.4	0.110	0.000	18.7	11.159	Surcharged

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 100 years: +0 %: 1440 mins: Winter	14.350	12.885	13.388	0.503	10.6	0.720	0.000	10.6	1457.735	Surcharged
SW81	FEH: 100 years: +0 %: 1440 mins: Winter	14.390	12.675	12.778	0.103	10.6	0.116	0.000	10.6	1457.172	OK
SW82	FEH: 100 years: +0 %: 1440 mins: Winter	14.330	12.580	12.675	0.095	10.6	0.000	0.000	10.6	1457.172	OK
SW35	FEH: 100 years: +0 %: 15 mins: Summer	17.440	16.390	16.671	0.281	66.8	0.318	0.000	59.9	28.940	Surcharged
SW36	FEH: 100 years: +0 %: 15 mins: Summer	17.870	15.900	16.150	0.250	118.3	0.283	0.000	113.1	54.573	OK
SW37	FEH: 100 years: +0 %: 15 mins: Summer	17.660	16.610	16.730	0.120	38.3	0.136	0.000	37.2	16.525	OK
SW38	FEH: 100 years: +0 %: 15 mins: Summer	17.120	15.410	15.614	0.204	128.2	0.231	0.000	128.2	61.021	OK
SW39	FEH: 100 years: +0 %: 15 mins: Summer	15.900	14.500	14.966	0.466	149.7	0.527	0.000	117.5	70.308	Surcharged
SW40	FEH: 100 years: +0 %: 30 mins: Summer	14.890	13.690	14.467	0.777	113.3	0.879	0.000	103.8	125.969	Surcharged
SW43	FEH: 100 years: +0 %: 30 mins: Summer	15.000	13.420	14.170	0.750	123.8	0.848	0.000	123.2	142.459	Surcharged
SW47	FEH: 100 years: +0 %: 30 mins: Summer	14.240	13.040	13.705	0.665	155.7	0.752	0.000	155.4	187.166	Surcharged
SW53	FEH: 100 years: +0 %: 1440 mins: Winter	14.280	12.980	13.390	0.410	22.4	0.587	0.000	22.3	773.266	Surcharged
SW44	FEH: 100 years: +0 %: 30 mins: Summer	15.200	14.450	14.971	0.521	4.8	0.147	0.000	3.7	4.394	Flood Risk
SW45	FEH: 100 years: +0 %: 15 mins: Summer	15.200	14.150	14.260	0.110	11.4	0.124	0.000	9.9	7.272	OK
SW46	FEH: 100 years: +0 %: 15 mins: Summer	15.600	13.830	14.207	0.377	9.9	0.426	0.000	11.8	7.390	Surcharged
SW54	FEH: 100 years: +0 %: 15 mins: Summer	15.310	14.260	14.378	0.118	21.2	0.134	0.000	19.2	9.066	OK
SW55	FEH: 100 years: +0 %: 15 mins: Summer	14.710	13.560	13.730	0.170	31.9	0.192	0.000	30.7	14.600	OK
SW56	FEH: 100 years: +0 %: 15 mins: Summer	14.590	13.440	13.615	0.175	36.5	0.198	0.000	30.3	17.071	OK
SW57	FEH: 100 years: +0 %: 15 mins: Summer	14.370	13.190	13.459	0.269	52.0	0.304	0.000	51.7	35.655	Surcharged

SW59	FEH: 100 years: +0 %: 15 mins: Summer	14.550	13.370	13.473	0.103	13.8	0.117	0.000	8.8	8.775	OK
SW49	FEH: 100 years: +0 %: 15 mins: Summer	14.910	13.860	14.699	0.839	9.5	0.238	0.000	4.7	6.548	Flood Risk
SW50	FEH: 100 years: +0 %: 30 mins: Summer	14.825	13.775	14.542	0.767	4.8	0.217	0.000	4.5	6.932	Flood Risk
SW51	FEH: 100 years: +0 %: 30 mins: Summer	14.542	13.492	14.316	0.824	4.6	0.233	0.000	4.5	8.205	Flood Risk
SW52	FEH: 100 years: +0 %: 30 mins: Summer	14.395	13.345	14.108	0.763	4.2	0.216	0.000	4.4	6.581	Flood Risk
SW62	FEH: 100 years: +0 %: 60 mins: Summer	14.309	13.259	14.167	0.908	5.0	0.257	0.000	4.8	23.125	Flood Risk
SW63	FEH: 100 years: +0 %: 60 mins: Summer	14.314	13.264	13.984	0.720	6.0	0.204	0.000	4.3	10.057	Surcharged
SW61	FEH: 100 years: +0 %: 120 mins: Summer	14.421	13.371	14.278	0.907	5.8	0.257	0.000	4.8	37.434	Flood Risk
SW58	FEH: 100 years: +0 %: 15 mins: Summer	14.500	13.450	14.136	0.686	5.2	0.194	0.000	4.2	3.874	Surcharged
SW60	FEH: 100 years: +0 %: 120 mins: Summer	14.600	13.550	14.403	0.853	1.7	0.241	0.000	1.6	9.245	Flood Risk
SW42	FEH: 100 years: +0 %: 15 mins: Summer	14.764	14.114	14.494	0.380	16.7	0.108	0.000	16.1	18.318	Flood Risk
SW41	FEH: 100 years: +0 %: 30 mins: Summer	14.980	14.380	14.829	0.449	3.4	0.127	0.000	3.4	7.611	Flood Risk
SW70	FEH: 100 years: +0 %: 15 mins: Summer	15.380	13.985	14.291	0.306	59.6	0.346	0.000	51.1	33.495	Surcharged
SW71	FEH: 100 years: +0 %: 15 mins: Summer	15.300	13.785	13.951	0.166	96.4	0.188	0.000	95.4	54.983	OK
SW69	FEH: 100 years: +0 %: 240 mins: Summer	15.310	14.560	14.614	0.054	13.9	0.061	0.000	13.9	148.591	OK
SW68	FEH: 100 years: +0 %: 15 mins: Summer	15.310	14.190	14.361	0.171	39.1	0.194	0.000	35.1	23.135	OK
SW67	FEH: 100 years: +0 %: 15 mins: Summer	15.310	14.560	14.673	0.113	23.5	0.032	0.000	22.5	10.731	OK
SW72	FEH: 100 years: +0 %: 15 mins: Summer	15.270	14.520	14.638	0.118	28.5	0.034	0.000	24.6	12.807	OK
SW65	FEH: 100 years: +0 %: 15 mins: Summer	14.350	13.300	13.443	0.143	47.2	0.161	0.000	45.3	20.821	OK
SW66	FEH: 100 years: +0 %: 15 mins: Summer	14.700	13.650	13.742	0.092	20.1	0.104	0.000	19.5	8.706	OK
SW64	FEH: 100 years: +0 %: 15 mins: Summer	14.270	13.220	13.490	0.270	18.6	0.076	0.000	18.1	7.918	Surcharged
Rainwater Harvester	FEH: 100 years: +0 %: 15 mins: Summer	16.500	15.230	15.647	0.417	45.0	0.471	0.000	39.7	24.477	Surcharged
SW74	FEH: 100 years: +0 %: 15 mins: Summer	16.500	15.140	15.526	0.386	60.2	0.437	0.000	56.0	33.289	Surcharged

SW75	FEH: 100 years: +0 %: 15 mins: Summer	16.000	14.950	15.158	0.208	71.0	0.235	0.000	60.2	39.726	OK
SW76	FEH: 100 years: +0 %: 15 mins: Summer	16.030	14.400	14.788	0.388	76.5	0.439	0.000	71.8	46.741	Surcharged
SW78	FEH: 100 years: +0 %: 15 mins: Summer	15.200	14.150	14.372	0.222	3.8	0.251	0.000	4.4	1.840	Surcharged
SW77	FEH: 100 years: +0 %: 15 mins: Summer	15.550	13.540	14.341	0.801	84.0	0.906	0.000	79.7	54.015	Surcharged
SW79	FEH: 100 years: +0 %: 15 mins: Summer	15.350	13.310	13.844	0.534	96.5	0.604	0.000	93.9	61.030	Surcharged
SW48	FEH: 100 years: +0 %: 15 mins: Summer	14.950	14.200	14.262	0.062	14.5	0.018	0.000	14.4	6.278	OK
SW26	FEH: 100 years: +0 %: 15 mins: Summer	16.450	15.430	15.735	0.305	27.8	0.086	0.000	24.1	14.025	Surcharged
SW25	FEH: 100 years: +0 %: 15 mins: Winter	16.450	15.700	15.931	0.231	22.0	0.065	0.000	18.1	10.018	Surcharged

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Junctions Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Depth

Junction	Storm Event	Cover Level (m)	Invert Level (m)	Max. Level (m)	Max. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Status
SW80	FEH: 100 years: +45 %: 1440 mins: Winter	14.350	12.885	13.648	0.763	10.7	1.092	0.000	10.6	1518.167	Surcharged
SW81	FEH: 100 years: +45 %: 240 mins: Summer	14.390	12.675	12.778	0.103	10.6	0.116	0.000	10.6	239.060	OK
SW82	FEH: 100 years: +45 %: 240 mins: Summer	14.330	12.580	12.675	0.095	10.6	0.000	0.000	10.6	239.060	OK
SW35	FEH: 100 years: +45 %: 15 mins: Summer	17.440	16.390	17.441	1.051	96.9	1.805	0.618	71.1	41.911	Flood
SW36	FEH: 100 years: +45 %: 15 mins: Summer	17.870	15.900	16.931	1.031	135.1	1.167	0.000	122.8	79.176	Surcharged
SW37	FEH: 100 years: +45 %: 15 mins: Summer	17.660	16.610	17.219	0.609	55.5	0.689	0.000	39.9	23.811	Surcharged
SW38	FEH: 100 years: +45 %: 15 mins: Summer	17.120	15.410	16.393	0.983	144.8	1.112	0.000	134.6	88.628	Surcharged
SW39	FEH: 100 years: +45 %: 15 mins: Summer	15.900	14.500	15.712	1.212	165.7	1.371	0.000	160.0	102.150	Flood Risk
SW40	FEH: 100 years: +45 %: 15 mins: Summer	14.890	13.690	14.899	1.209	171.8	10.271	8.913	126.4	127.714	Flood
SW43	FEH: 100 years: +45 %: 30 mins: Summer	15.000	13.420	14.549	1.129	143.0	1.277	0.000	143.6	206.670	Surcharged
SW47	FEH: 100 years: +45 %: 30 mins: Summer	14.240	13.040	13.944	0.904	182.4	1.023	0.000	182.2	272.754	Flood Risk
SW53	FEH: 100 years: +45 %: 1440 mins: Winter	14.280	12.980	13.650	0.670	32.3	0.959	0.000	32.2	1112.857	Surcharged
SW44	FEH: 100 years: +45 %: 30 mins: Summer	15.200	14.450	15.110	0.660	3.9	0.187	0.000	4.0	6.510	Flood Risk
SW45	FEH: 100 years: +45 %: 30 mins: Summer	15.200	14.150	14.697	0.547	12.5	0.619	0.000	12.1	14.878	Surcharged
SW46	FEH: 100 years: +45 %: 30 mins: Summer	15.600	13.830	14.614	0.784	12.1	0.887	0.000	11.9	15.007	Surcharged
SW54	FEH: 100 years: +45 %: 15 mins: Summer	15.310	14.260	14.725	0.465	30.7	0.526	0.000	22.2	12.952	Surcharged
SW55	FEH: 100 years: +45 %: 15 mins: Summer	14.710	13.560	14.030	0.470	40.6	0.531	0.000	34.8	21.185	Surcharged
SW56	FEH: 100 years: +45 %: 15 mins: Summer	14.590	13.440	13.901	0.461	43.2	0.522	0.000	38.3	24.769	Surcharged
SW57	FEH: 100 years: +45 %: 1440 mins: Winter	14.370	13.190	13.650	0.460	7.7	0.521	0.000	7.6	268.289	Surcharged

SW59	FEH: 100 years: +45 %: 1440 mins: Winter	14.550	13.370	13.650	0.280	1.4	0.317	0.000	1.4	48.678	Surcharged
SW49	FEH: 100 years: +45 %: 30 mins: Summer	14.910	13.860	14.847	0.987	9.3	0.279	0.000	5.0	14.944	Flood Risk
SW50	FEH: 100 years: +45 %: 30 mins: Summer	14.825	13.775	14.692	0.917	7.4	0.260	0.000	4.8	10.188	Flood Risk
SW51	FEH: 100 years: +45 %: 30 mins: Summer	14.542	13.492	14.451	0.959	7.1	0.271	0.000	5.0	11.893	Flood Risk
SW52	FEH: 100 years: +45 %: 30 mins: Summer	14.395	13.345	14.235	0.890	4.5	0.252	0.000	4.7	9.772	Flood Risk
SW62	FEH: 100 years: +45 %: 60 mins: Summer	14.309	13.259	14.215	0.956	5.1	0.271	0.000	5.0	29.077	Flood Risk
SW63	FEH: 100 years: +45 %: 60 mins: Summer	14.314	13.264	14.072	0.808	5.2	0.229	0.000	4.6	14.790	Flood Risk
SW61	FEH: 100 years: +45 %: 60 mins: Summer	14.421	13.371	14.327	0.956	5.8	0.271	0.000	5.0	29.443	Flood Risk
SW58	FEH: 100 years: +45 %: 30 mins: Summer	14.500	13.450	14.224	0.774	5.8	0.219	0.000	4.4	8.024	Flood Risk
SW60	FEH: 100 years: +45 %: 60 mins: Winter	14.600	13.550	14.518	0.968	1.9	0.274	0.000	1.7	8.268	Flood Risk
SW42	FEH: 100 years: +45 %: 30 mins: Summer	14.764	14.114	14.767	0.653	24.2	3.047	2.863	24.2	49.012	Flood
SW41	FEH: 100 years: +45 %: 15 mins: Summer	14.980	14.380	14.905	0.525	3.7	0.149	0.000	3.7	3.240	Flood Risk
SW70	FEH: 100 years: +45 %: 60 mins: Summer	15.380	13.985	14.666	0.681	77.1	0.770	0.000	75.8	187.784	Surcharged
SW71	FEH: 100 years: +45 %: 60 mins: Summer	15.300	13.785	14.000	0.215	137.1	0.243	0.000	136.4	285.820	OK
SW69	FEH: 100 years: +45 %: 60 mins: Summer	15.310	14.560	14.919	0.359	16.0	0.407	0.000	17.4	76.777	Surcharged
SW68	FEH: 100 years: +45 %: 60 mins: Summer	15.310	14.190	14.915	0.725	57.9	0.820	0.000	57.5	161.770	Surcharged
SW67	FEH: 100 years: +45 %: 60 mins: Summer	15.310	14.560	15.157	0.597	37.3	0.169	0.000	34.4	58.877	Flood Risk
SW72	FEH: 100 years: +45 %: 60 mins: Summer	15.270	14.520	14.697	0.177	47.6	0.050	0.000	43.5	76.014	OK
SW65	FEH: 100 years: +45 %: 1440 mins: Winter	14.350	13.300	13.650	0.350	3.3	0.396	0.000	3.3	110.007	Surcharged
SW66	FEH: 100 years: +45 %: 15 mins: Summer	14.700	13.650	13.764	0.114	29.1	0.129	0.000	28.3	12.634	OK
SW64	FEH: 100 years: +45 %: 1440 mins: Winter	14.270	13.220	13.650	0.430	1.3	0.122	0.000	1.3	42.352	Surcharged
Rainwater Harvester	FEH: 100 years: +45 %: 30 mins: Summer	16.500	15.230	16.363	1.133	45.6	1.282	0.000	48.1	52.535	Flood Risk
SW74	FEH: 100 years: +45 %: 30 mins: Summer	16.500	15.140	16.294	1.154	60.2	1.305	0.000	56.5	68.559	Flood Risk

SW75	FEH: 100 years: +45 %: 15 mins: Summer	16.000	14.950	16.001	1.051	76.3	1.746	0.559	72.1	61.062	Flood
SW76	FEH: 100 years: +45 %: 30 mins: Summer	16.030	14.400	15.568	1.168	79.4	1.321	0.000	79.2	94.908	Surcharged
SW78	FEH: 100 years: +45 %: 30 mins: Summer	15.200	14.150	14.989	0.839	3.7	0.949	0.000	3.8	3.516	Flood Risk
SW77	FEH: 100 years: +45 %: 30 mins: Summer	15.550	13.540	14.971	1.431	91.8	1.618	0.000	88.4	110.860	Surcharged
SW79	FEH: 100 years: +45 %: 30 mins: Summer	15.350	13.310	14.347	1.037	104.7	1.173	0.000	104.5	124.005	Surcharged
SW48	FEH: 100 years: +45 %: 15 mins: Summer	14.950	14.200	14.278	0.078	21.1	0.022	0.000	20.9	9.111	OK
SW26	FEH: 100 years: +45 %: 30 mins: Summer	16.450	15.430	16.410	0.980	27.1	0.277	0.000	25.7	27.385	Flood Risk
SW25	FEH: 100 years: +45 %: 15 mins: Summer	16.450	15.700	16.454	0.754	30.3	3.897	3.684	13.8	12.996	Flood

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 2 years: +0 %: 1440 mins: Summer	13.125	13.125	0.175	0.175	38.7	637.490	0.000	0.000	8.6	839.881		78.076
Car Park 1	FEH: 2 years: +0 %: 30 mins: Summer	15.384	14.954	0.015	0.034	1.9	0.800	0.000	0.000	1.3	1.499		93.903
Car Park 2	FEH: 2 years: +0 %: 30 mins: Summer	14.859	14.603	0.024	0.068	3.2	0.921	0.000	0.000	2.6	2.656		89.382
Car Park 3	FEH: 2 years: +0 %: 120 mins: Summer	14.191	14.162	0.031	0.048	2.4	2.622	0.000	0.000	1.4	4.704		92.722
Car Park 4	FEH: 2 years: +0 %: 30 mins: Summer	14.760	14.489	0.011	0.026	0.9	0.304	0.000	0.000	0.8	0.774		95.350
Car Park 5	FEH: 2 years: +0 %: 30 mins: Summer	14.852	14.428	0.021	0.053	2.9	0.948	0.000	0.000	2.5	2.421		90.869
Car Park 6	FEH: 2 years: +0 %: 30 mins: Summer	14.758	14.145	0.020	0.053	3.5	1.418	0.000	0.000	2.5	2.808		91.144
Car Park 7	FEH: 2 years: +0 %: 30 mins: Summer	14.552	13.988	0.017	0.043	2.9	1.425	0.000	0.000	1.8	2.171		92.894
Car Park 8	FEH: 2 years: +0 %: 60 mins: Summer	14.149	13.943	0.034	0.084	6.6	3.480	0.000	0.000	4.5	7.852		85.222
Car Park 9	FEH: 2 years: +0 %: 120 mins: Summer	14.143	13.907	0.020	0.043	2.4	2.036	0.000	0.000	1.8	4.942		91.352
Car Park 10	FEH: 2 years: +0 %: 120 mins: Summer	14.228	14.049	0.041	0.078	6.2	3.646	0.000	0.000	4.5	14.325		84.518
Car Park 11	FEH: 2 years: +0 %: 120 mins: Summer	14.258	14.257	0.036	0.107	1.9	1.479	0.000	0.000	0.9	3.966		81.142
Car Park 12	FEH: 2 years: +0 %: 30 mins: Summer	14.150	14.094	0.028	0.044	2.3	0.761	0.000	0.000	1.9	1.884		90.304
Blocks North	FEH: 2 years: +0 %: 60 mins: Summer	16.192	16.080	0.017	0.030	1.3	0.631	0.000	0.000	1.0	1.508		93.543

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Blocks Middle	FEH: 2 years: +0 %: 30 mins: Summer	14.800	14.743	0.016	0.023	0.8	0.300	0.000	0.000	0.6	0.635		96.190
MUGA 2	FEH: 2 years: +0 %: 360 mins: Summer	15.189	14.921	0.041	0.093	13.8	45.969	0.000	0.000	5.7	72.654		82.382
AWP	FEH: 2 years: +0 %: 480 mins: Summer	14.779	14.021	0.047	0.134	31.1	152.663	0.000	0.000	9.8	209.219		80.098

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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 10 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 10 years: +0 %: 960 mins: Winter	13.211	13.211	0.261	0.261	51.5	949.774	0.000	0.000	10.0	831.043		67.335
Car Park 1	FEH: 10 years: +0 %: 30 mins: Summer	15.389	14.973	0.020	0.053	3.2	1.185	0.000	0.000	2.5	2.642		90.970
Car Park 2	FEH: 10 years: +0 %: 30 mins: Summer	14.867	14.709	0.032	0.174	5.4	1.712	0.000	0.000	3.5	4.612		80.264
Car Park 3	FEH: 10 years: +0 %: 60 mins: Summer	14.207	14.179	0.047	0.065	5.0	3.688	0.000	0.000	2.4	5.413		89.761
Car Park 4	FEH: 10 years: +0 %: 15 mins: Summer	14.765	14.517	0.016	0.054	2.4	0.487	0.000	0.000	1.9	0.957		92.552
Car Park 5	FEH: 10 years: +0 %: 30 mins: Summer	14.859	14.455	0.027	0.080	4.9	1.347	0.000	0.000	4.6	4.184		87.022
Car Park 6	FEH: 10 years: +0 %: 30 mins: Summer	14.765	14.175	0.026	0.083	5.9	2.073	0.000	0.000	5.0	4.929		87.053
Car Park 7	FEH: 10 years: +0 %: 30 mins: Summer	14.558	14.011	0.023	0.066	4.9	2.118	0.000	0.000	3.5	3.900		89.438
Car Park 8	FEH: 10 years: +0 %: 60 mins: Summer	14.161	14.058	0.046	0.199	11.3	6.442	0.000	0.000	5.2	13.712		72.641
Car Park 9	FEH: 10 years: +0 %: 60 mins: Summer	14.152	13.931	0.029	0.067	5.0	2.897	0.000	0.000	3.6	5.898		87.697
Car Park 10	FEH: 10 years: +0 %: 120 mins: Summer	14.241	14.169	0.054	0.198	9.8	7.007	0.000	0.000	5.0	23.409		70.250
Car Park 11	FEH: 10 years: +0 %: 120 mins: Summer	14.308	14.308	0.087	0.158	3.1	2.535	0.000	0.000	1.4	6.255		67.672
Car Park 12	FEH: 10 years: +0 %: 30 mins: Summer	14.159	14.116	0.037	0.066	3.9	1.079	0.000	0.000	3.6	3.288		86.250
Blocks North	FEH: 10 years: +0 %: 30 mins: Summer	16.199	16.096	0.025	0.046	2.5	0.936	0.000	0.000	1.9	1.988		90.432

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Blocks Middle	FEH: 10 years: +0 %: 30 mins: Summer	14.805	14.756	0.022	0.036	1.4	0.433	0.000	0.000	1.2	1.124		94.495
MUGA 2	FEH: 10 years: +0 %: 240 mins: Summer	15.206	14.958	0.058	0.130	26.6	64.654	0.000	0.000	9.5	93.299		75.221
AWP	FEH: 10 years: +0 %: 360 mins: Summer	14.798	14.061	0.066	0.174	54.9	212.323	0.000	0.000	14.7	276.445		72.320

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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 30 years: +0 %: 960 mins: Winter	13.287	13.287	0.337	0.337	65.0	1222.857	0.000	0.000	10.4	918.091		57.944
Car Park 1	FEH: 30 years: +0 %: 30 mins: Summer	15.392	14.985	0.023	0.065	4.2	1.415	0.000	0.000	3.5	3.422		89.217
Car Park 2	FEH: 30 years: +0 %: 30 mins: Summer	14.872	14.766	0.037	0.231	7.2	2.404	0.000	0.000	3.7	5.942		72.284
Car Park 3	FEH: 30 years: +0 %: 15 mins: Summer	14.335	14.299	0.174	0.185	11.3	11.595	0.000	0.000	12.6	7.667		67.811
Car Park 4	FEH: 30 years: +0 %: 15 mins: Summer	14.768	14.611	0.019	0.148	4.4	1.055	0.000	0.000	2.3	1.457		83.852
Car Park 5	FEH: 30 years: +0 %: 30 mins: Summer	14.864	14.472	0.032	0.097	6.5	1.598	0.000	0.000	5.7	5.430		84.605
Car Park 6	FEH: 30 years: +0 %: 30 mins: Summer	14.769	14.223	0.031	0.131	7.8	2.481	0.000	0.000	5.9	6.376		84.504
Car Park 7	FEH: 30 years: +0 %: 30 mins: Summer	14.562	14.035	0.027	0.090	6.4	2.569	0.000	0.000	4.5	5.047		87.187
Car Park 8	FEH: 30 years: +0 %: 60 mins: Summer	14.169	14.120	0.054	0.261	14.9	9.112	0.000	0.000	6.9	18.101		61.299
Car Park 9	FEH: 30 years: +0 %: 60 mins: Summer	14.157	13.946	0.034	0.082	6.6	3.490	0.000	0.000	4.5	7.815		85.179
Car Park 10	FEH: 30 years: +0 %: 120 mins: Summer	14.257	14.231	0.070	0.260	12.6	10.354	0.000	0.000	5.3	30.335		56.037
Car Park 11	FEH: 30 years: +0 %: 120 mins: Summer	14.350	14.349	0.128	0.199	3.9	3.393	0.000	0.000	1.7	8.029		56.728
Car Park 12	FEH: 30 years: +0 %: 30 mins: Summer	14.165	14.130	0.043	0.080	5.2	1.278	0.000	0.000	4.8	4.273		83.725
Blocks North	FEH: 30 years: +0 %: 30 mins: Summer	16.203	16.107	0.029	0.057	3.2	1.119	0.000	0.000	2.6	2.590		88.553

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Blocks Middle	FEH: 30 years: +0 %: 30 mins: Summer	14.809	14.764	0.025	0.044	1.8	0.511	0.000	0.000	1.6	1.461		93.509
MUGA 2	FEH: 30 years: +0 %: 240 mins: Summer	15.216	14.978	0.068	0.150	33.3	78.462	0.000	0.000	11.8	118.641		69.929
AWP	FEH: 30 years: +0 %: 360 mins: Summer	14.810	14.088	0.078	0.201	68.3	260.778	0.000	0.000	16.7	349.333		66.003

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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 30 years: +40 %: 1440 mins: Winter	13.459	13.459	0.509	0.509	68.2	1850.183	0.000	0.000	10.7	1495.286	780	36.369
Car Park 1	FEH: 30 years: +40 %: 30 mins: Summer	15.397	15.019	0.028	0.099	5.9	1.775	0.000	0.000	5.2	4.938		86.478
Car Park 2	FEH: 30 years: +40 %: 15 mins: Summer	14.885	14.882	0.050	0.347	15.0	4.467	0.000	0.000	4.6	4.275	0	48.495
Car Park 3	FEH: 30 years: +40 %: 15 mins: Summer	14.595	14.681	0.435	0.567	30.1	27.871	0.000	0.000	19.7	14.955	10	22.623
Car Park 4	FEH: 30 years: +40 %: 15 mins: Summer	14.772	14.756	0.023	0.293	6.5	2.659	0.000	0.000	3.8	2.877		59.321
Car Park 5	FEH: 30 years: +40 %: 30 mins: Summer	14.870	14.600	0.038	0.225	9.1	2.651	0.000	0.000	5.3	7.747		74.452
Car Park 6	FEH: 30 years: +40 %: 30 mins: Summer	14.775	14.371	0.037	0.279	10.9	4.423	0.000	0.000	5.0	9.187		72.380
Car Park 7	FEH: 30 years: +40 %: 30 mins: Summer	14.567	14.156	0.032	0.211	9.0	4.096	0.000	0.000	4.4	7.396		79.571
Car Park 8	FEH: 30 years: +40 %: 60 mins: Summer	14.227	14.210	0.112	0.351	20.9	14.588	0.000	0.000	5.4	25.454	20	38.043
Car Park 9	FEH: 30 years: +40 %: 60 mins: Summer	14.164	14.021	0.041	0.157	9.2	5.042	0.000	0.000	5.5	11.183		78.586
Car Park 10	FEH: 30 years: +40 %: 120 mins: Summer	14.354	14.328	0.167	0.357	17.2	16.487	0.000	0.000	5.3	42.719	45	29.997
Car Park 11	FEH: 30 years: +40 %: 120 mins: Summer	14.441	14.441	0.219	0.291	5.5	5.281	0.000	0.000	2.0	11.180	40	32.654
Car Park 12	FEH: 30 years: +40 %: 15 mins: Summer	14.179	14.171	0.057	0.121	10.8	1.852	0.000	0.000	6.1	4.405		76.415
Blocks North	FEH: 30 years: +40 %: 15 mins: Summer	16.210	16.150	0.035	0.100	6.8	1.609	0.000	0.000	6.3	2.828		83.542

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Blocks Middle	FEH: 30 years: +40 %: 15 mins: Summer	14.815	14.790	0.031	0.070	3.8	0.701	0.000	0.000	3.3	1.497		91.082
MUGA 2	FEH: 30 years: +40 %: 240 mins: Summer	15.235	15.003	0.087	0.175	46.6	106.718	0.000	0.000	14.9	169.152		59.100
AWP	FEH: 30 years: +40 %: 360 mins: Summer	14.834	14.138	0.102	0.251	95.6	366.107	0.000	0.000	19.7	494.857		52.272

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Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025		
	Designed by:	Checked by:	Approved By:
	SV	SP	SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 100 years: +0 %: 1440 mins: Winter	13.390	13.390	0.440	0.440	61.2	1599.595	0.000	0.000	10.6	1458.647	350	44.987
Car Park 1	FEH: 100 years: +0 %: 30 mins: Summer	15.395	15.000	0.026	0.080	5.3	1.663	0.000	0.000	4.8	4.438		87.334
Car Park 2	FEH: 100 years: +0 %: 30 mins: Summer	14.877	14.835	0.042	0.300	9.1	3.593	0.000	0.000	4.2	7.667		58.575
Car Park 3	FEH: 100 years: +0 %: 15 mins: Summer	14.485	14.532	0.325	0.418	25.9	22.606	0.000	0.000	16.0	13.091	5	37.242
Car Park 4	FEH: 100 years: +0 %: 15 mins: Summer	14.771	14.704	0.022	0.241	6.1	2.050	0.000	0.000	3.7	2.341		68.639
Car Park 5	FEH: 100 years: +0 %: 15 mins: Summer	14.872	14.547	0.040	0.172	12.3	2.215	0.000	0.000	6.8	5.013		78.656
Car Park 6	FEH: 100 years: +0 %: 30 mins: Summer	14.773	14.330	0.035	0.238	9.9	3.693	0.000	0.000	4.8	8.272		76.937
Car Park 7	FEH: 100 years: +0 %: 30 mins: Summer	14.566	14.119	0.030	0.174	8.2	3.447	0.000	0.000	4.3	6.624		82.807
Car Park 8	FEH: 100 years: +0 %: 60 mins: Summer	14.198	14.182	0.084	0.323	19.0	12.817	0.000	0.000	5.8	23.181	10	45.563
Car Park 9	FEH: 100 years: +0 %: 60 mins: Summer	14.162	13.996	0.039	0.132	8.4	4.420	0.000	0.000	6.0	10.095		81.225
Car Park 10	FEH: 100 years: +0 %: 120 mins: Summer	14.317	14.292	0.130	0.321	15.5	14.184	0.000	0.000	5.8	38.118	25	39.775
Car Park 11	FEH: 100 years: +0 %: 120 mins: Summer	14.406	14.405	0.184	0.255	4.9	4.546	0.000	0.000	1.9	9.994	20	42.027
Car Park 12	FEH: 100 years: +0 %: 15 mins: Summer	14.174	14.153	0.052	0.103	9.7	1.533	0.000	0.000	5.3	3.945		80.479
Blocks North	FEH: 100 years: +0 %: 30 mins: Summer	16.207	16.120	0.033	0.070	4.1	1.317	0.000	0.000	3.6	3.382		86.532

Status
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Blocks Middle	FEH: 100 years: +0 %: 30 mins: Summer	14.812	14.772	0.028	0.052	2.3	0.595	0.000	0.000	2.1	1.898		92.434
MUGA 2	FEH: 100 years: +0 %: 120 mins: Summer	15.238	14.984	0.089	0.156	62.6	94.755	0.000	0.000	13.4	106.926		63.685
AWP	FEH: 100 years: +0 %: 360 mins: Summer	14.824	14.117	0.092	0.230	84.4	322.520	0.000	0.000	18.5	436.439		57.954

OK
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OK

Company:	Date:		
Colin Toms & Partners Suffolk House, 154 High Street Sevenoaks TN13 3JN	12/12/2025 Designed by: SV	Checked by: SP	Approved By: SP
Report Details: Type: Stormwater Controls Summary Storm Phase: Phase 2 SW Strategy	Project: B1641 - Steyning Grammar School Surface Water Network 17.9 l/s Discharge Rate - 100yr+40%CC		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Avg. Depth

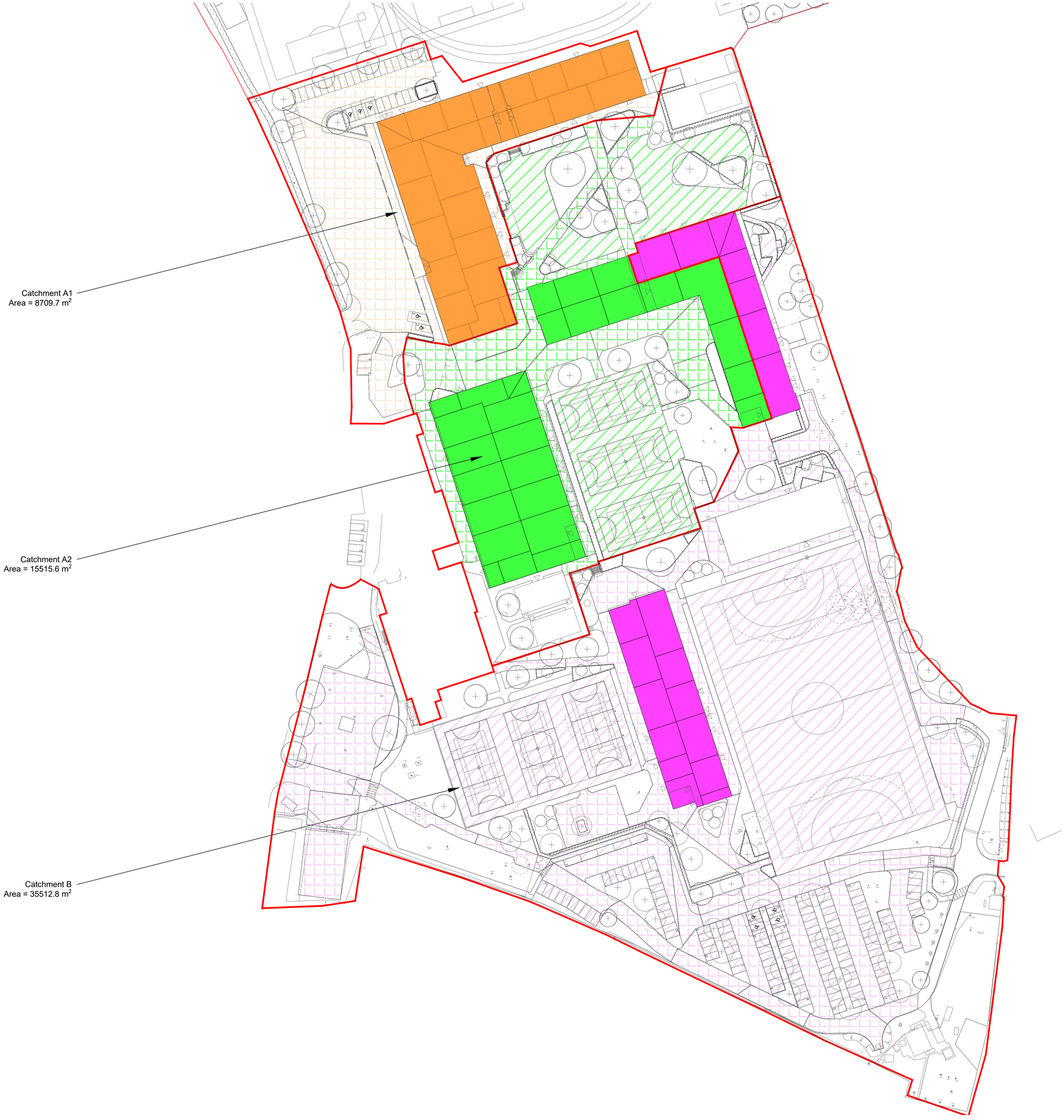
Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. US Depth (m)	Max. DS Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Total Lost Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)
Cellular Storage	FEH: 100 years: +45 %: 1440 mins: Winter	13.650	13.650	0.700	0.700	85.8	2544.372	0.000	0.000	10.7	1519.529		12.494
Car Park 1	FEH: 100 years: +45 %: 30 mins: Summer	15.401	15.119	0.032	0.199	7.7	2.684	0.000	0.000	4.2	6.539		79.555
Car Park 2	FEH: 100 years: +45 %: 30 mins: Summer	14.946	15.103	0.111	0.568	13.2	7.958	2.407	0.000	4.2	9.202	20	8.237
Car Park 3	FEH: 100 years: +45 %: 30 mins: Summer	14.722	14.848	0.562	0.734	25.3	42.078	6.915	0.000	24.2	35.403	25	-16.818
Car Park 4	FEH: 100 years: +45 %: 30 mins: Summer	14.844	15.014	0.096	0.551	8.2	5.859	1.937	0.000	4.9	6.571	10	10.349
Car Park 5	FEH: 100 years: +45 %: 30 mins: Summer	14.875	14.708	0.043	0.333	11.9	4.336	0.000	0.000	7.5	10.227		58.215
Car Park 6	FEH: 100 years: +45 %: 60 mins: Summer	14.778	14.549	0.040	0.457	12.7	6.634	0.267	0.000	5.7	15.748		58.572
Car Park 7	FEH: 100 years: +45 %: 30 mins: Summer	14.572	14.244	0.037	0.299	11.8	6.149	0.000	0.000	4.4	9.805		69.330
Car Park 8	FEH: 100 years: +45 %: 60 mins: Summer	14.302	14.383	0.188	0.524	27.6	21.194	3.075	0.000	6.1	30.166	40	9.985
Car Park 9	FEH: 100 years: +45 %: 60 mins: Summer	14.171	14.085	0.048	0.221	12.2	7.223	0.000	0.000	5.3	14.828		69.323
Car Park 10	FEH: 100 years: +45 %: 120 mins: Summer	14.427	14.503	0.240	0.532	21.7	23.954	4.445	0.000	5.4	55.358	80	-1.710
Car Park 11	FEH: 100 years: +45 %: 120 mins: Summer	14.522	14.626	0.301	0.476	7.1	7.522	0.597	0.000	2.1	14.467	65	4.084
Car Park 12	FEH: 100 years: +45 %: 30 mins: Summer	14.238	14.234	0.116	0.184	9.5	3.127	0.000	0.000	5.9	8.057		60.167
Blocks North	FEH: 100 years: +45 %: 15 mins: Summer	16.397	16.371	0.222	0.321	17.5	7.052	0.000	0.000	11.1	7.902	0	27.874

Status
OK
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OK

Blocks Middle	FEH: 100 years: +45 %: 15 mins: Summer	14.969	14.967	0.185	0.247	4.9	3.208	0.000	0.000	7.0	3.661		59.214
MUGA 2	FEH: 100 years: +45 %: 240 mins: Summer	15.268	15.037	0.120	0.209	59.6	137.018	0.000	0.000	17.2	217.909	20	47.488
AWP	FEH: 100 years: +45 %: 360 mins: Summer	14.865	14.190	0.133	0.303	122.4	473.632	0.000	0.000	22.4	628.080	135	38.254

OK
OK
OK

Appendix I – Catchment Area Plan



Catchment A1 Green Roof Area = 3452.07 m²

Catchment A1 Impermeable Paving Area = 3664.01 m²

Total Catchment A1 Area = 7116.08 m²

Catchment A2 Green Roof Area = 3960.80 m²

Catchment A2 Permeable Paving Area = 3869.76 m²

Catchment A2 Impermeable Paving Area = 2994.21 m²

Total Catchment A2 Area = 10824.77 m²

Catchment B Green Roof Area = 2645.56 m²

Catchment B Permeable Paving Area = 10491.97 m²

Catchment B Impermeable Paving Area = 8804.71 m²

Total Catchment B Area = 21942.24 m²

Total Site Area = 39883.09 m²

Notes:

1. DO NOT SCALE THIS DRAWING. WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
2. This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
3. All work to comply with the relevant British Standards, Codes of Practice and the Building Regulations.
4. Any discrepancies between all working drawings, specifications and schedules of all disciplines to be immediately notified to CTP for clarification/correction prior to construction of relevant structure.

Rev	Date	Amendment	Drn	Chk
P01	17.02.26	STAGE 3 ISSUE	SV	SP

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Client :

Department for Education

bam

Project Title :

STEYNING GRAMMAR SCHOOL

Drawing Title :

CATCHMENT AREA PLAN

CTP ref :	DEIR Ref :	Discipline :
B1641	XX	CIVILS

drawn by :	date :	drawing scales :
SV	FEB-25	NTS @A1

Unless Noted Otherwise

status : S5 status description : Review & acceptance by the DfE

revision status :

PRELIMINARY

drawing reference :

project : originator : volume : level : type : role : number : revision :

SRP1121-CTP-00-EX-D-C-1410-P01

Appendix J - CIRIA SuDS Manual Water Quality Assessment

SUMMARY TABLE		DESIGN CONDITIONS			
		1	2	3	4
Land Use Type	Non-residential parking with infrequent change (e.g. schools, offices, < 300 traffic movements a day)				
Pollution Hazard Level	Low				
Pollution Hazard Indices					
TSS	0.5				
Metals	0.4				
Hydrocarbons	0.4				
SuDS components proposed					
Component 1	Pervious pavement (where the pavement is not designed as an infiltration component)	SuDS components can only be assumed to deliver these indices if they follow design guidance with respect to hydraulics and treatment set out in the relevant technical component chapters of the SuDS Manual. See also checklists in Appendix B			
Component 2	None				
Component 3	None				
SuDS Pollution Mitigation Indices					
TSS	0.7				
Metals	0.6				
Hydrocarbons	0.7				
Groundwater protection type	300 mm minimum depth of soils with good contamination attenuation potential	All designs must include a minimum of 1 m unsaturated depth of subsoil or aquifer material between the infiltration surface and the maximum likely groundwater level. Infiltration components should always be preceded by upstream component(s) that trap(s) silt, or designed specifically to retain sediment in a separate lined zone, easily accessible for maintenance, such that the sediment will not be re-suspended in subsequent events	The underlying soils must provide good contaminant attenuation potential (eg as recommended in Sniffer 2008 (a) and (b) / Scott Wilson (2010) or other appropriate guidance). Alternative depth and soil combinations must provide equivaler protection to the underlying groundwater		
Groundwater protection Pollution Mitigation Indices					
TSS	0.4				
Metals	0.3				
Hydrocarbons	0.3				
Combined Pollution Mitigation Indices					
TSS	0.9	Reference to local planning documents should also be made to identify any additional protection required for sites due to habitat conservation (see Chapter 7 The SuDS design process). The implications of developments on or within close proximity to an area with an environmental designation, such as a Site of Special Scientific Interest (SSSI), should be considered via consultation with relevant conservation bodies such as Natural England			
Metals	0.75				
Hydrocarbons	0.85				
Acceptability of Pollution Mitigation					
TSS	Sufficient				
Metals	Sufficient				
Hydrocarbons	Sufficient				

SUMMARY TABLE		DESIGN CONDITIONS			
		1	2	3	4
Land Use Type	Commercial/Industrial roofing: Inert materials				
Pollution Hazard Level	Very low				
Pollution Hazard Indices					
TSS	0.3				
Metals	0.2				
Hydrocarbons	0.05				
SuDS components proposed					
Component 1	Pervious pavement (where the pavement is not designed as an infiltration component)	SuDS components can only be assumed to deliver these indices if they follow design guidance with respect to hydraulics and treatment set out in the relevant technical component chapters of the SuDS Manual. See also checklists in Appendix B			
Component 2	None				
Component 3	None				
SuDS Pollution Mitigation Indices					
TSS	0.7				
Metals	0.6				
Hydrocarbons	0.7				
Groundwater protection type	300 mm minimum depth of soils with good contamination attenuation potential	All designs must include a minimum of 1 m unsaturated depth of subsoil or aquifer material between the infiltration surface and the maximum likely groundwater level. Infiltration components should always be preceded by upstream component(s) that trap(s) silt, or designed specifically to retain sediment in a separate lined zone, easily accessible for maintenance, such that the sediment will not be re-suspended in subsequent events	The underlying soils must provide good contaminant attenuation potential (eg as recommended in Sniffer 2008 (a) and (b) / Scott Wilson (2010) or other appropriate guidance). Alternative depth and soil combinations must provide equivaler protection to the underlying groundwater		
Groundwater protection Pollution Mitigation Indices					
TSS	0.4				
Metals	0.3				
Hydrocarbons	0.3				
Combined Pollution Mitigation Indices					
TSS	0.9	Reference to local planning documents should also be made to identify any additional protection required for sites due to habitat conservation (see Chapter 7 The SuDS design process). The implications of developments on or within close proximity to an area with an environmental designation, such as a Site of Special Scientific Interest (SSSI), should be considered via consultation with relevant conservation bodies such as Natural England			
Metals	0.75				
Hydrocarbons	0.85				
Acceptability of Pollution Mitigation					
TSS	Sufficient				
Metals	Sufficient				
Hydrocarbons	Sufficient				