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Health & Safety Note

The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

HAZARD IDENTIFICATION BOX	
This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015	
Hazard Ref.	Hazard Description
1	Existing underground services (Gas, Electricity, Telecom, Unknown)
2	Conflict with public (PROW, Existing Carriageway)
3	Sleep embankments (Existing and Proposed)
4	Existing Watercourse

Rev	Date	Description	Drawn / Checked / Approved
P06	24/02/2026	PROW Footpath Ramp separated to new S278 agreement, Drainage layout reverted to PO4 version following WSCC TA Comments	AGIAMAM
P05	11/02/2026	Drainage layout updated to suit S278 TA comments	AG / AM / AM
P04	19/11/2025	S278 Technical Approval Issue	KM / AM / AM
P03	22/05/2025	Flow control chamber section added. Assumed highway drain alignment added.	KM
P02	06/05/2025	Issued for Tender	KM
P01	30/04/2025	First Issue	KM

S4 - Suitable for Stage Approval



Client:	Vistry South East
Job:	Glebe Farm, Steyning S278
Title:	S278 Roundabout Highway Drainage

Classification:	FL_60_20	Contractors:	HAS	Constructionline	Supplier No. 00000
Scale @ A1:	1:500	Accredited Contractor			

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number	Revision
BR31274- JNP - XX-XX- DR - C - 2003	P06

Manhole Schedule

Manhole Reference	Cover Level (m)	Lowest Pipe Invert Level (m)	Depth to Invert (m)	Manhole Size (mm)	Manhole Type	Cover Classification	Eastings	Northings
CP1	10.930	9.480	1.450	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518177.229	111499.987
CP2	11.114	9.664	1.450	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518206.549	111526.825
CP3	11.202	9.023	2.179	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518183.187	111537.141
CP4	10.759	9.097	1.662	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518168.285	111527.249
CP5	10.641	8.917	1.724	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518168.236	111545.211
CP6	10.099	8.758	1.341	1200	Type B Catchpit (WSCC Ref. S278/38/13)	D400	518151.689	111549.215
CP7 (FCC)	10.504	8.660	1.844	1200	Vortex Flow Control Type B Manhole (WSCC Ref. S278/38/14)	D400	518157.538	111559.934

Legend

- Existing highway boundary
- Indicative developer site boundary
- New highway drain to be constructed in accordance with highway authority specification
- New deep trapped road gully and connection Type A WSCC ref. S278/38/11
- New sumpless chute road gully and connection Type C WSCC ref. S278/38/22
- New offline tanked cellular storage tank Access turrets shown indicatively only and subject to tank manufacturer details and requirements Type C WSCC ref. S278/38/34
- Proposed road contour levels (0.1m intervals)
- Existing gully to be removed

Proposed Pedestrian Barrier - Refer to Tata Steel specification or similar approved.

Earthworks Note:

For areas of the site requiring fill operations to achieve final site levels, refer to the Earthworks Specification by others.

Existing Utilities Legend

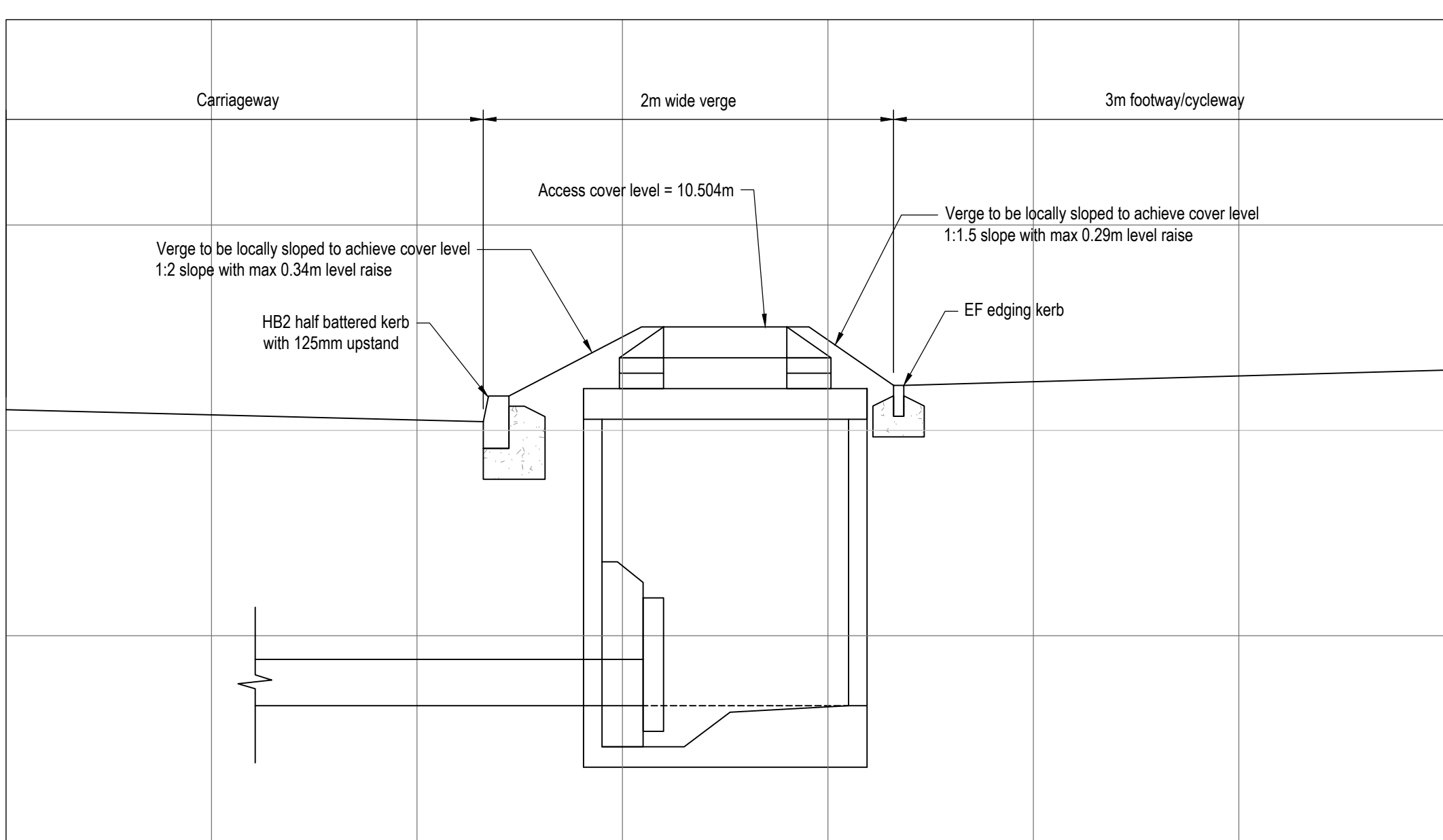
- Existing highway carrier drain
- Existing public foul water sewer
- Existing watercourse culvert
- Existing underground electricity
- Existing gas
- Existing telecom

Specification Notes

- Pipe bedding and backfill to be in accordance with WSCC Standard Details ref. S278/38/33.
- Proprietary products (cellular attenuation tanks and vortex flow controls) to be installed strictly in accordance with manufactures specifications and guidelines.
- Gully lateral connections to carrier drains to be in accordance with WSCC Standard Details ref. S278/38/36

Drainage & Road Layout Drawing Notes

- The contractor is to check and verify all buildings, site dimensions and levels, including sewer invert levels, before works start on site.
- The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
- The contractor is to check the level of existing sewers which are to be used as an out-fall prior to commencement of any onsite drainage works. Any discrepancies are to be reported to the engineer.
- This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
- Any anomaly or contradiction between any of the above or difference between actual and drawn details is to be reported to Vistry South East.
- Roads, footpaths and parking areas which form part of the highway to be adopted under Section 38 of the Highways Act 1980 shall comply with the relevant councils highway specification.
- All substrata structures and unconsolidated material within the road construction width to be removed.
- Formation preparation to be in accordance with Highways Agency Specification for Highway Works (SHW) cl. 616. No prepared formation to be continuously exposed to rain causing degradation below design CBR or to be left uncovered overnight.
- During construction the contractor must demonstrate that the CBR value of the subgrade is equal to or greater than the Design CBR Value. It should be noted that the construction thickness may need to be increased if in-situ CBR values at the time of construction are less than the Design CBR value. However, a reduction in the construction thickness will not be considered if the in-situ CBR values at the time of construction are greater than the Design CBR value.
- In-situ CBR testing shall be carried out at not greater than 30m centres, staggered across the width of the road corridor. Acceptable in-situ CBR test methods include TRL Dynamic Cone Penetrometer testing, California Bearing Ratio (BS1377, Part 9), or alternatively the CBR value may be derived from Plate Bearing Test data.
- Any soft, damaged or weak spots including peat contaminated material are to be excavated and replaced with SHW Type 1 in accordance with SHW cl.803 laid and compacted to cl.802, Table 8/4
- Where ground conditions are deemed to be frost susceptible, refer to Ground Investigation report, track thickness shall be 450mm minimum thickness. All material within 450mm of road construction to be non-frost susceptible.
- Positions of existing services/statutory undertaker's apparatus adjacent to or crossing proposed sewers are to be checked by the contractor prior to starting work.
- The Contractor shall consider and take adequate measures to ensure surface water runoff during construction is managed to prevent pollution of surface water receptors and increased flood risk.



Section through Flow Control Chamber Cover Level Raise
Scale 1:25

This drawing is based on the following information provided by others:

- Offsite Topographical and PAS 128:2022 Utility Survey by MK Surveys Ref. 35118 Rev 4, dated July 2025
- Onsite Utility Survey by Greenhatch Group Ref. 29523_T_UG Rev 4, dated August 2021
- Tree Retention and Removal Plan - Roundabout Access by Tyler Grange Ref. 12345/P15c, dated October 2022
- Toucan Crossing Design by Telent ref. 389873-DD-SS01-REV00-TS01, dated May 2025
- Street Lighting Design by Enveo ref. EVO20033445-LD-001, dated June 2025

Utilities Notes

For all proposed utility alterations and new supply works, refer to the Developer's utility consultant information pack.

It is the Contractor's responsibility to liaise with all relevant services companies to ensure that all existing services are accurately located and adequately protected during construction.

Buried Concrete Notes

All buried concrete within the site to meet the requirements of Design Sulphate Class DS-1 and ACEC Class AC-1.

Refer to Site Investigation Report provided by Merebrook Consulting, Reference L-21949ah-2.2.2-25-282-TAS dated 23 May 2025.

Approximate location of existing highway carrier drain. Location to be confirmed by contractor prior to construction.

Existing gully to remain