

Appendix D

Sports Hub – Revised Proposals





Key	
	BOUNDARY OF WORKS
	EXISTING TREES AND VEGETATION RETAINED TREES AND HEDGEROWS
	ROOT PROTECTION AREA (RPA)
	ANCIENT WOODLAND AND 15M BUFFER
	EXISTING BROOK
	PROPOSED TREES FOR DETAILS REFER TO PLANTING PLANS
	NATIVE HEDGE PLANTING FOR DETAILS REFER TO PLANTING PLANS
	FORMAL HEDGE PLANTING FOR DETAILS REFER TO PLANTING PLANS
	MIXED SHRUB PLANTING FOR DETAILS REFER TO PLANTING PLANS
	SCRUB PLANTING FOR DETAILS REFER TO PLANTING PLANS
	ORNAMENTAL PLANTING - SKATE PARK FOR DETAILS REFER TO PLANTING PLANS
	SCREEN PLANTING - BASIN HEADWALLS FOR DETAILS REFER TO PLANTING PLANS
	MARGINAL AQUATIC PLANTING FOR DETAILS REFER TO PLANTING PLANS
	BULB PLANTING FOR DETAILS REFER TO PLANTING PLANS
	AMENITY GRASS FOR DETAILS REFER TO PLANTING PLANS
	SPORTS PITCHES FOR DETAILS REFER TO PLANTING PLANS
	WETLAND GRASS - BASINS FOR DETAILS REFER TO PLANTING PLANS
	NATURALISED WETLAND AREA FOR DETAILS REFER TO PLANTING PLANS
	TARMAC - CARRIAGEWAY
	TARMAC - FOOTPATH/CYCLEWAY

Notes:

DIA drawing 2898-5-2-29-DR-2002 Landscape General Arrangement Plan based on:

OSP - 22157 - P1030, P104A, P105A - Reserved Matters - Building Mitigated-07-11-2025 rec'd 11.11.2025/ 22157 - Toilet Block Option C rec'd 05.11.2025

Glanville-Mowbray-GLA-SH-PH2-D-C-Technical Layouts - 2025.10.23 rec'd 23.10.2025/ Sports Hub Pavilion Amendments 2025.11.19 rec'd 19.11.2025

DW Windsor- 23-136-1F - 2.1 L&G Devel, Horsham - Sports Hub rec'd 25.11.2025

Halliday Lighting-HLS3823 REV11 rec'd 26.11.2025

Sarah Duckworth- 2898-5-2-29-DR-0002-0005-54-P2 NH RFL LANDSCAPE & PLANTING PROPOSALS SCD updated rec'd 24.11.2025

Issue: Drawn by David Jarvis Associates Limited (CROWN COPYRIGHT. ALL RIGHTS RESERVED 2022 LICENCE NUMBER 0100031). This drawing is for Planning purposes only - Do not use this drawing for Construction. The information contained in the drawing should be used as a guide to the final forms and finishes of the landscape scheme. Any revisions to be approved by the Client and Local Authority

Setting out: refer to Engineers for information regarding setting out. In the event of discrepancy refer to Engineers in the first instance.

Survey: Original survey provided by the Client.

Services: Where possible these are identified on the drawings but, for the avoidance of doubt all service/utility locations should be considered indicative until identified on site. To ensure those services / utilities shown are current refer to the original survey provider or utilities designer or Client for confirmation and further information regarding easements. In the event of new services being installed refer to the appointed Engineers. It is recommended that hazard warning tape 'danger electric cable' / 'danger services' to be installed over all service routes (to remain on site) to current BS guidelines (BS7671).

Planting: Refer to lighting engineers drawings.

Planting: Plant species are selected and located in line with consideration of the site conditions, NHBC guidelines and discussions with the Local Authority and design team. All plants and planting procedure to conform to the David Jarvis Associates Limited Landscape Specification that will accompany the Construction issue drawings. No species or plant location is to be varied without prior consent of the Landscape Architect.

Design Levels: Refer to Engineers where design levels are not shown.

	REINFORCED GRAVEL
	SELF BINDING GRAVEL - SOUTHERN CYCLEWAY
	EXISTING BRIDLEWAY TO BE RETAINED AS EXISTING SURFACE
	BLOCK PAVING - PAVILION MARSHALLS TEGULA PENNANT GREY STRETCHER BOND, TO RUN EAST WEST PARALLEL WITH PAVILION
	SLAB PAVING - AROUND MUGAS AND AGP MARSHALLS PIMPLE PAVING 400 x 400
	TIMBER SEAT
	PICNIC TABLE AND BENCHES
	LITTER AND DOG BIN
	TIMBER BOLLARD ROOT FIXED TIMBER BOLLARD
	CYCLE STANDS
	FLAT TOP VERTICAL BAR RAILING ALUMINUM FLAT TOP RAILING 1.2M HIGH COLOUR BLACK, STRAIGHT SIDES WITH 9.50M CORNER RAILS, OR SIMILAR APPROVED
	TIMBER POST AND RAIL FENCE
	KNEE RAIL
	POST AND ROPE FENCING
	DEMOUNTABLE LIGHTING COLUMNS REFER TO HALLIDAY LIGHTING DRAWING HLS3823 PROPOSED FLOODLIGHTING
	TIMBER BRIDGE REFER TO ENGINEER'S SPECIFICATION STATISTIC DRAWING NUMBER: 25216/2001/SK163
	PERMANENT OPEN WATER
	BOLLARDS AND SIGNAGE
	AGP AND MUGA LIGHT COLUMNS REFER TO HALLIDAY LIGHTING DRAWING HLS3823 PROPOSED FLOODLIGHTING
	CAR PARK AND ACCESS ROAD LIGHT COLUMNS REFER TO DW WINDSOR DRAWING 23-136-1F - 2.1 L&G DEVEL, HORSHAM - SPORTS HUB
	AGP BOUNDARY FENCE 4.5M HIGH, JACKSONS EUROGUARD REBOUND, GALFAN ZINC ALLOY COATED AND POWDER COATED TO BS EN 13438 RAL 6005 GREEN OR BS12C39 ORCHARD / RAL 120 40 30
	AGP SPECTATOR FENCE 1.2M HIGH RAILING, JACKSONS EUROGUARD REBOUND, GALFAN ZINC ALLOY COATED AND POWDER COATED TO BS EN 13438 RAL 6005 GREEN OR BS12C39 ORCHARD / RAL 120 40 30
	AGP GOAL RECESS FENCE 2M HIGH RAILING, JACKSONS EUROGUARD REBOUND, GALFAN ZINC ALLOY COATED AND POWDER COATED TO BS EN 13438 RAL 6005 GREEN OR BS12C39 ORCHARD / RAL 120 40 30
	BALL STOP FENCE 3.0M HIGH, JACKSONS TUBULAR CHANLINK SYSTEM 1 HEAVY, HOT DIP GALVANISED AND POWDER COATED TO BS EN 13438 CHAIN LINK PVC COATED, RAL 6005 GREEN OR BS12C39 ORCHARD / RAL 120 40 30

Drawing Revision				
Rev.	Date	Description	Drawn	Checked
P2	09/12/2025	Eastern pavilion path increased to 2m in width.	JE	PG
P1	26/11/2025	First issue.	JE	PG

Status

PLANNING

DAVID JARVIS ASSOCIATES

DAVID JARVIS ASSOCIATES LIMITED
1 Terenion Street Swindon Wiltshire SN1 5DT
T: 01793 612173
e: mail@davidjarvis.biz
w: www.davidjarvis.biz

Client

LEGAL AND GENERAL (STRATEGIC LAND NORTH HORSHAM) LIMITED

Project

LAND NORTH OF HORSHAM - SPORTS HUB

Drawing Title

LANDSCAPE GENERAL ARRANGEMENT

Scale

1:1000

Sheet Size

A1

Date Plotted

09/12/2025

Client Ref.

-

Drawing Ref.

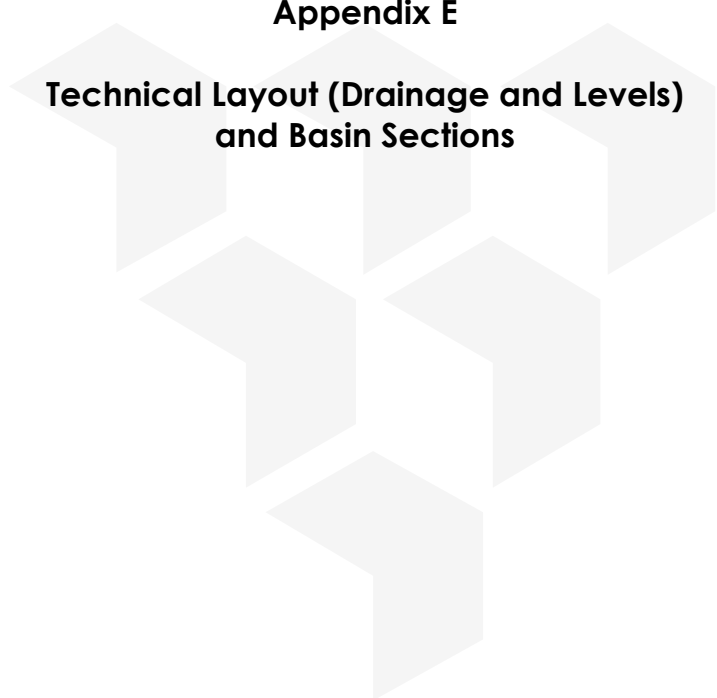
2898-5-2-29

Drawing No.

DR-2002

Version

P2



Appendix E

Technical Layout (Drainage and Levels) and Basin Sections

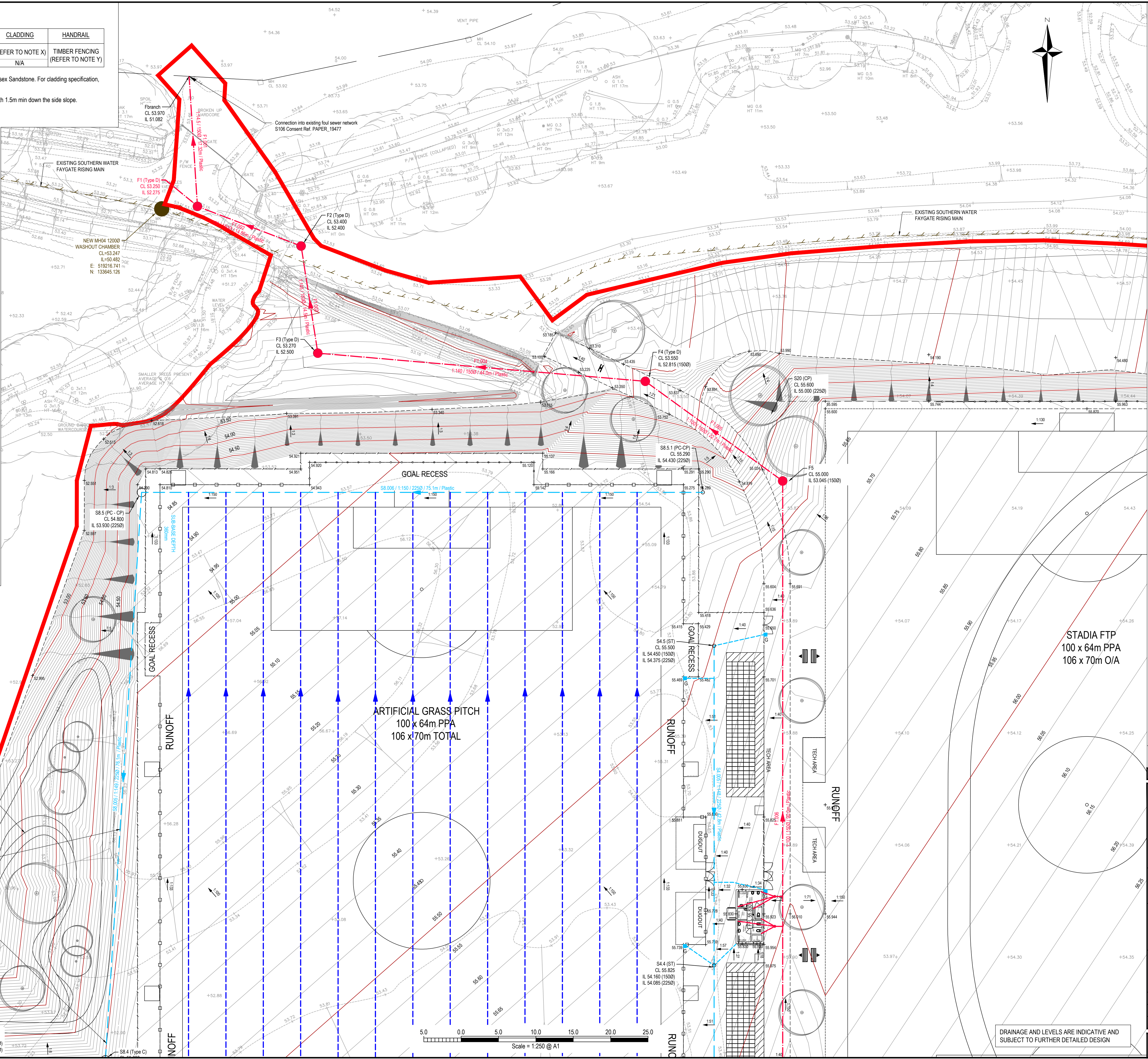
HEADWALL SCHEDULE					
REF.	OWNERSHIP	TYPE	ALTHON REF.	CLADDING	HANDRAIL
HW9	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING
HW11	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	(REFER TO NOTE Y)
HW12	PRIVATE	CONCRETE	AH12CA.LH	N/A	(REFER TO NOTE Y)

NOTE X: All exposed faces of headwall to be clad in Horsham stone or Sussex Sandstone. For cladding specification, refer to Drainage Construction Details.

NOTE Y: Handrailing to be 3 rail split timber fence H15 2.2m width at top with 1.5m min down the side slope.

NOTES

- This drawing is to be read in conjunction with all other drawings and specifications.
- Any discrepancies found between information shown on this or any other drawing shall be reported to the Engineer immediately and prior to works commencing on site.
- Dimensions are scaleable for planning purposes only.
- All works to be to Building Regulations Part H and Part M (Vol. 2).
- This drawing details below ground drainage. For above ground drainage, refer to the Architect's detailed drawings.
- Refer to the Architect's layouts for setting out of SVPs and RWPs.
- All stack connections under buildings to be 100mmØ at minimum gradient of 1 in 40 (SVP) or 1 in 30 (FS) unless otherwise noted.
- Where pipe diameters and gradients are not shown, foul water pipes to be 100mm laid at a minimum gradient of 1:60 with surface water pipes to be 100mm laid at minimum gradient of 1:80, unless otherwise noted.
- All private pipework to be plastic or vitrified clay. Plastic pipes to comply with BS EN 13476 and WS 4-25-01 v2 and withstand a minimum jetting pressure of 2,600 psi. Materials for rising main as noted on layout. Vitrified clay pipes to comply with BS EN 295. Pipes shall be BSI Kitemarked, or have equivalent third party certification as appropriate.
- All pipework shall join at soffit level unless otherwise stated on the drawing or schedules.
- Cover grade for chambers in accordance with 'Table C' on Drainage Construction Details drawing.
- For all other details of manholes, inspection chambers, cover sizing and specifications, refer to the drainage standard details drawings.
- All manhole / inspection chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines as appropriate. Cover levels are approximate only. All covers to be set flush with finished surface.
- Invert levels of existing chambers have been taken from third party information and should be confirmed onsite prior to commencement of drainage works. Any discrepancies in the levels of the drainage should be reported immediately to the Engineer. It is the contractor's responsibility to ensure that all services that are affected by the works are located, marked out and protected if necessary, prior to works commencing and during construction. Trial holes are to be hand dug to locate services if necessary.
- Existing drainage that will serve no purpose post development is to be either removed or suitably stopped up by end capping or in infilling with concrete with no hindrance to the retained system.
- All pipework jointing and installation shall be undertaken to Manufacturer's specification utilising proprietary products where applicable.
- All plastic drainage to be OSMA Wavin.
- Private manholes / inspection chamber covers in block paving / slabs to be recessed with matching blocks / slabs.
- Detailed as-built survey of all drainage to be provided upon completion for client approval.
- Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.



KEY

- H — H — Extent of proposed highway boundary.
- H — H — Existing highway boundary.
- F1.000 — Proposed foul water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
- S1.000 — Proposed surface water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
- Proposed foul water manhole/inspection chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level Invert level (pipe diameter)
- F18 (Type D) CL 53.590 IL 52.770 (1500)
- S12 (Type C) CL 51.590 IL 49.885 (3000)
- Foul water package pump station. Refer to TT Pumps drawings and specifications for details.
- - - Proposed route of foul water rising main from private package pump station.
- 225mm O/D PE100 SDR11, with 182.4mm bore, adoptable foul water rising main and washout / air valve chamber with associated 6m wide easement.
- ⊗ Surface water flow control chamber, Hydro-Brake, or similar approved. Refer to drainage construction details for further details.
- G Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmaDrain.
- DTx2 Formpane rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
- R6 — Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
- H — H — Proposed bagwork headwall, refer to headwall schedule for further details.
- H — H — Proposed brickwork headwall, refer to headwall schedule for further details.
- H — H — Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
- RHT ○ Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
- L — Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient. Draining Artificial Grass and MUGA pitches.
- F — French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
- F209 Ash IL 51.103 Existing Phase 1 foul water drainage, taken from as-built record information.
- Existing Southern Water Faygate rising main, taken from as-built record information.
- Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
- 59.75 — Proposed minor contours 50mm intervals
- 59.75 — Proposed major contours 500mm intervals
- +59.215 Proposed spot levels
- 1:40 Gradient / Fall arrows

P2	Amendments to drainage design.	19/12/2025	CS
Rev.	Description	Date	Chkd

Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel: (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : Legal & General
(Strategic Land North Horsham) Limited

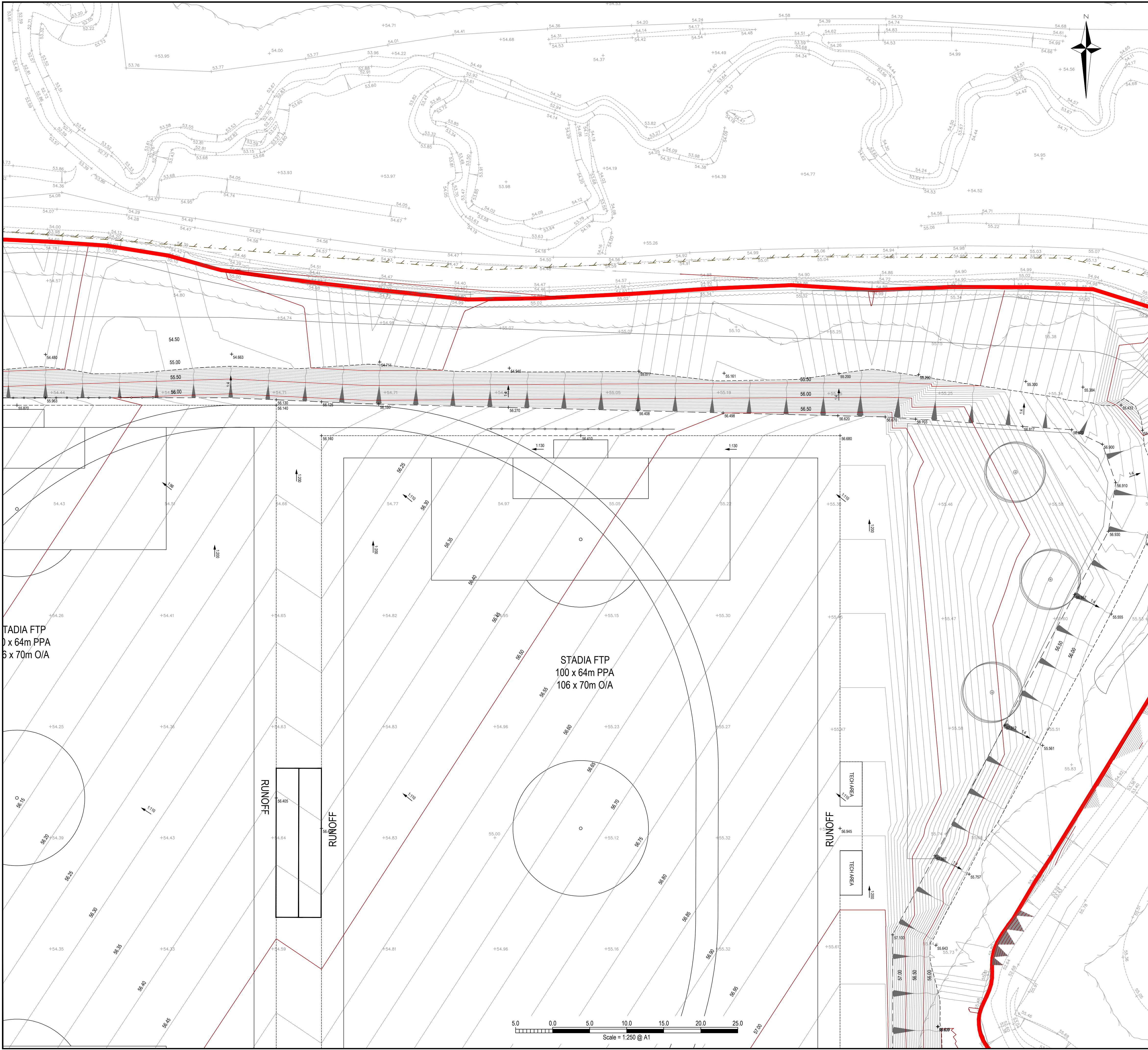
Project : Mowbray (Land North of Horsham)

Title : Sports Hub
Technical Layout
Sheet 1

Project Engineer :	C Salt	Scale :	1:250 @ A1
Project Director :	J Birch	Date :	April 2023
Status :	PLANNING		

Drawing No.	MOW-GLA-SH-Ph2-D-C-1106	Rev	P2
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DRAINAGE AND LEVELS ARE INDICATIVE AND SUBJECT TO FURTHER DETAILED DESIGN



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- For all other details of manholes, inspection chambers, cover sizing and specifications, refer to the drainage standard details drawings.
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- Private manholes / inspection chamber covers in block paving / slabs to be recessed with matching blocks / slabs.
- Detailed as-built survey of all drainage to be provided upon completion for client approval.
- Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.

KEY

- H — H — Extent of proposed highway boundary.
- H — H — Existing highway boundary.
- F1 000
1:80 / 1000 / 50.0m / Plastic
Proposed foul water drain or private sewer. MicroDrainage pipe reference No.
Direction of fall
Pipe Diameter / Gradient / Length / Material
- S1 000
1:80 / 1000 / 50.0m / Plastic
Proposed surface water drain or private sewer. MicroDrainage pipe reference No.
Direction of fall
Pipe Diameter / Gradient / Length / Material
- F18 (Type D)
CL 53.590
IL 52.770 (1500)
Proposed foul water manhole/inspection chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No.
Cover level
Invert level (pipe diameter)
- S12 (Type C)
CL 51.590
IL 49.885 (3000)
Proposed surface water manhole/catchpit chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No.
Cover level
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- Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmaDrain.
- Formpane rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
- Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
- Proposed bagwork headwall, refer to headwall schedule for further details.
- Proposed brickwork headwall, refer to headwall schedule for further details.
- Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
- Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
- Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient. Draining Artificial Grass and MUGA pitches.
- French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
- F209
Asb. IL: 51.103
Existing Phase 1 foul water drainage, taken from as-built record information.
- Existing Southern Water Faygate rising main, taken from as-built record information.
- Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
- Proposed minor contours 50mm intervals
- Proposed major contours 500mm intervals
- Proposed spot levels
- Gradient / Fall arrows

P2	Amendments to drainage design.	19/12/2025 D. Strange	CS
Rev.	Description	Date	Chkd

Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel. (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : **Legal & General
(Strategic Land North Horsham) Limited**

Project : **Mowbray (Land North of Horsham)**

Title : **Sports Hub
Technical Layout
Sheet 2**

Project Engineer : C Salt Scale : 1:250 @ A1
Project Director : J Birch Date : April 2023

Status : **PLANNING**

Drawing No. **MOW-GLA-SH-Ph2-D-C-1107** Rev **P2**

DRAINAGE AND LEVELS ARE INDICATIVE AND
SUBJECT TO FURTHER DETAILED DESIGN

NOTES

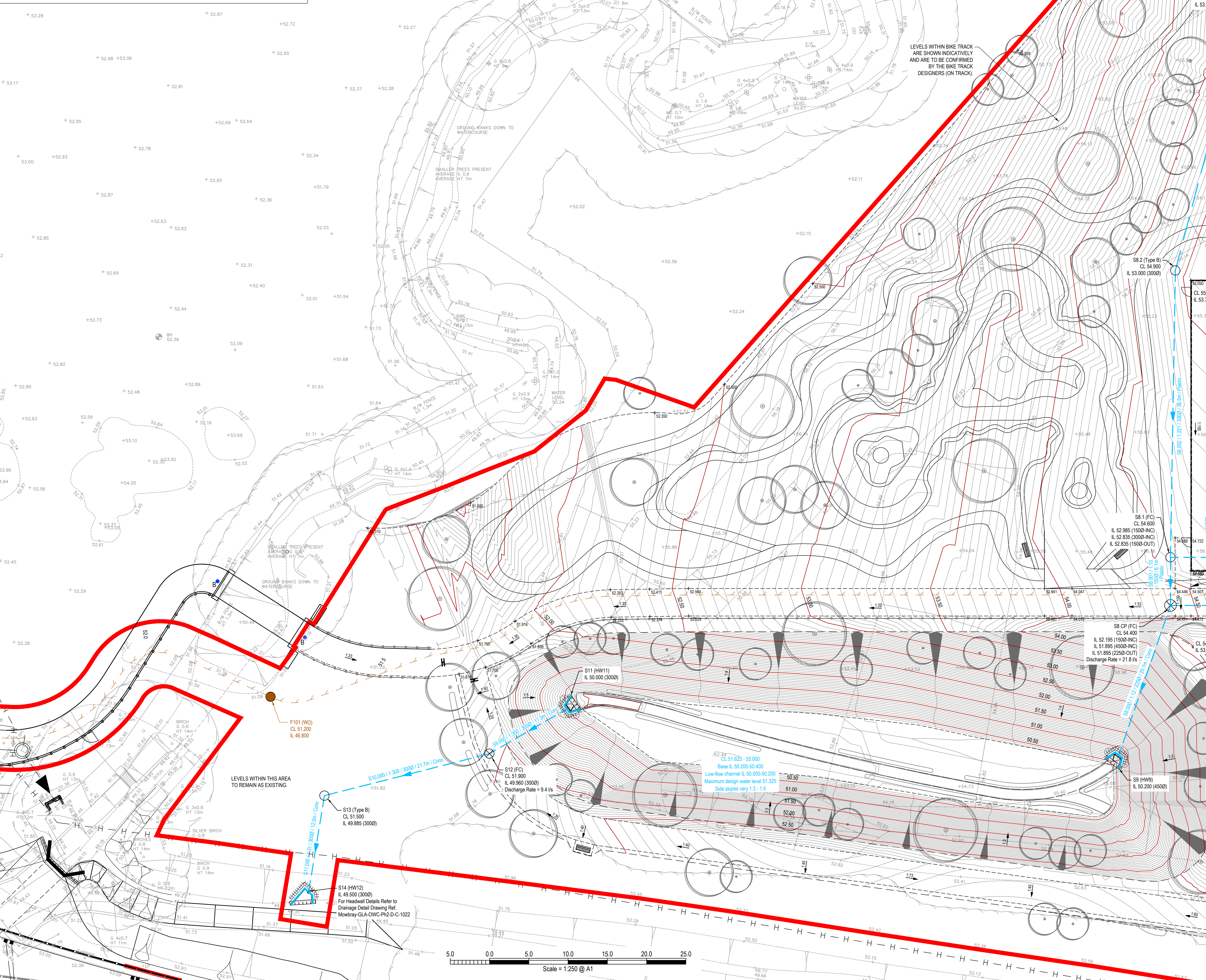
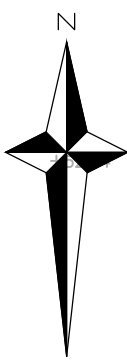
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- Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.

HEADWALL SCHEDULE

REF.	OWNERSHIP	TYPE	ALTHON REF.	CLADDING	HANDRAIL
HW9	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING (REFER TO NOTE Y)
HW11	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING (REFER TO NOTE Y)
HW12	PRIVATE	CONCRETE	AH12CA LH	N/A	TIMBER FENCING (REFER TO NOTE Y)

NOTE X: All exposed faces of headwall to be clad in Horsham stone or Sussex Sandstone. For cladding specification, refer to Drainage Construction Details.

NOTE Y: Handrailing to be 3 rail split timber fence H15 2.2m width at top with 1.5m min down the side slope.



KEY		
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	H	Existing highway boundary.
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		Surface water flow control chamber, Hydro-Brake, or similar approved. Refer to drainage construction details for further details.
	G	Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmaDrain.
	DTx2	Formpane rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
	R	Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
	H	Proposed bagwork headwall, refer to headwall schedule for further details.
	B	Proposed brickwork headwall, refer to headwall schedule for further details.
	P	Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
	RHT	Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
		Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient. Draining Artificial Grass and MUGA pitches.
		French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
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	F209	Existing Southern Water Faygate rising main, taken from as-built record information.
		Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
		Proposed minor contours 50mm intervals
	59.75	Proposed major contours 500mm intervals
	59.215	Proposed spot levels
	1:40	Gradient / Fall arrows
P2	Amendments to drainage design.	19/12/2025 D. Strange CS
Rev.	Description	Date Chkd

REFER TO SHEET 6 FOR INFORMATION ON RISING MAIN ROUTE OPTIONS TO THE WEST OF THE WATERCOURSE

Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel. (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

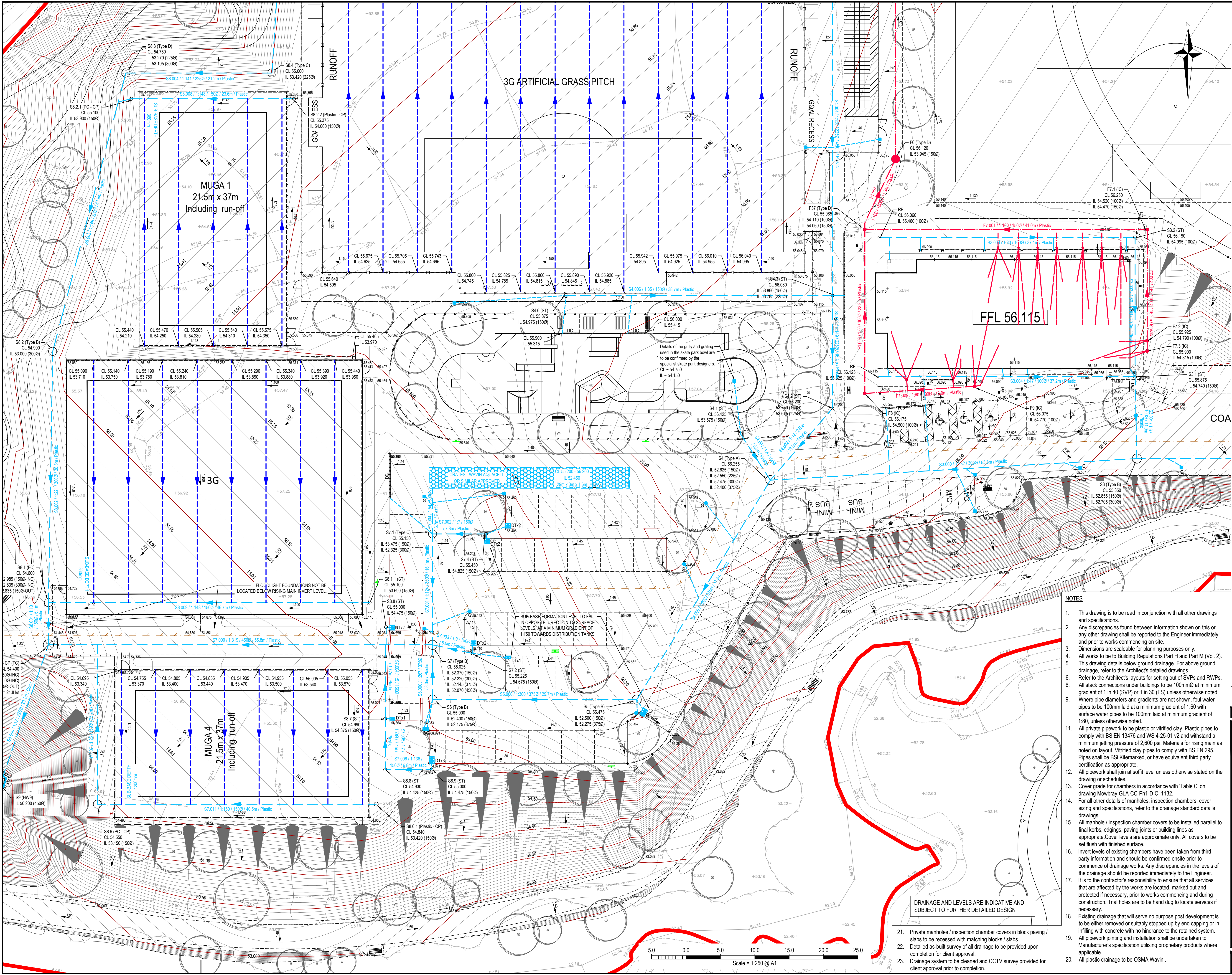
Client : Legal & General
(Strategic Land North Horsham) Limited

Project : Mowbray (Land North of Horsham)

Title : Sports Hub
Technical Layout
Sheet 3

Project Engineer : C Salt Scale : 1:250 @ A1
Project Director : J Birch Date : April 2023
Status : PLANNING

Drawing No. MOW-GLA-SH-Ph2-D-C-1108 Rev P2



KEY

- H — H — Extent of proposed highway boundary.
- H — H — Existing highway boundary.
- F1 000 — Proposed foul water drain or private sewer. MicroDrainage pipe reference No. Direction of fall. Pipe Diameter / Gradient / Length / Material.
- S1 000 — Proposed surface water drain or private sewer. MicroDrainage pipe reference No. Direction of fall. Pipe Diameter / Gradient / Length / Material.
- Proposed foul water manhole/inspection chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level. Invert level (pipe diameter).
- Proposed surface water manhole/catchpit chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level. Invert level (pipe diameter).
- Foul water package pump station. Refer to TT Pumps drawings and specifications for details.
- Proposed route of foul water rising main from private package pump station.
- 225mm O/D PE100 SDR11, with 182.4mm bore, adoptable foul water rising main and washout / air valve chamber with associated 6m wide easement.
- ⊗ Surface water flow control chamber, Hydro-Brake, or similar approved. Refer to drainage construction details for further details.
- G Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmoDrain.
- DTx2 Foramp rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
- DK Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
- Proposed bagwork headwall, refer to headwall schedule for further details.
- Proposed brickwork headwall, refer to headwall schedule for further details.
- Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
- RHT ○ Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
- Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient. Draining Artificial Grass and MUGA pitches.
- French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
- Existing Phase 1 foul water drainage, taken from as-built record information.
- Existing Southern Water Faygate rising main, taken from as-built record information.
- Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
- Proposed minor contours 50mm intervals.
- Proposed major contours 500mm intervals.
- Proposed spot levels.
- Gradient / Fall arrows.

NOTES

- This drawing is to be read in conjunction with all other drawings and specifications.
- Any discrepancies found between information shown on this or any other drawing shall be reported to the Engineer immediately and prior to works commencing on site.
- Dimensions are scaleable for planning purposes only.
- All works to be to Building Regulations Part H and Part M (Vol. 2).
- This drawing details below ground drainage. For above ground drainage, refer to the Architect's detailed drawings.
- Refer to the Architect's layouts for setting out of SVPs and RWP.
- All stack connections under buildings to be 100mmØ at minimum gradient of 1 in 40 (SVP) or 1 in 30 (FS) unless otherwise noted.
- Where pipe diameters and gradients are not shown, foul water pipes to be 100mm laid at a minimum gradient of 1:60 with surface water pipes to be 100mm laid at minimum gradient of 1:80, unless otherwise noted.
- All private pipework to be plastic or vitrified clay. Plastic pipes to comply with BS EN 13476 and WS 4-25-01 V2 and withstand a minimum jetting pressure of 2.600 psi. Materials for rising main as noted on layout. Vitrified clay pipes to comply with BS EN 295. Pipes shall be BSI Kitemarked, or have equivalent third party certification as appropriate.
- All pipework shall join at soffit level unless otherwise stated on the drawing or schedules.
- Cover grade for chambers in accordance with 'Table C' on drawing Mowbray-GLA-CC-Ph1-D-C_1132.
- For all other details of manholes, inspection chambers, cover sizing and specifications, refer to the drainage standard details drawings.
- All manhole / inspection chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines as appropriate. Cover levels are approximate only. All covers to be set flush with finished surface.
- Invert levels of existing chambers have been taken from third party information and should be confirmed onsite prior to commencement of drainage works. Any discrepancies in the levels of the drainage should be reported immediately to the Engineer.
- It is to the contractor's responsibility to ensure that all services that are affected by the works are located, marked out and protected if necessary, prior to works commencing and during construction. Trial holes are to be hand dug to locate services if necessary.
- Existing drainage that will serve no purpose post development is to be either removed or suitably stopped up by end capping or in infilling with concrete with no hindrance to the retained system.
- All pipework jointing and installation shall be undertaken to Manufacturer's specification utilising proprietary products where applicable.
- All plastic drainage to be OSMO Wavin.

P2	Amendments to drainage design.	19/12/2025	CS
Rev.	Description	Date	Chkd

Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel: (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : Legal & General
(Strategic Land North Horsham) Limited

Project : Mowbray (Land North of Horsham)

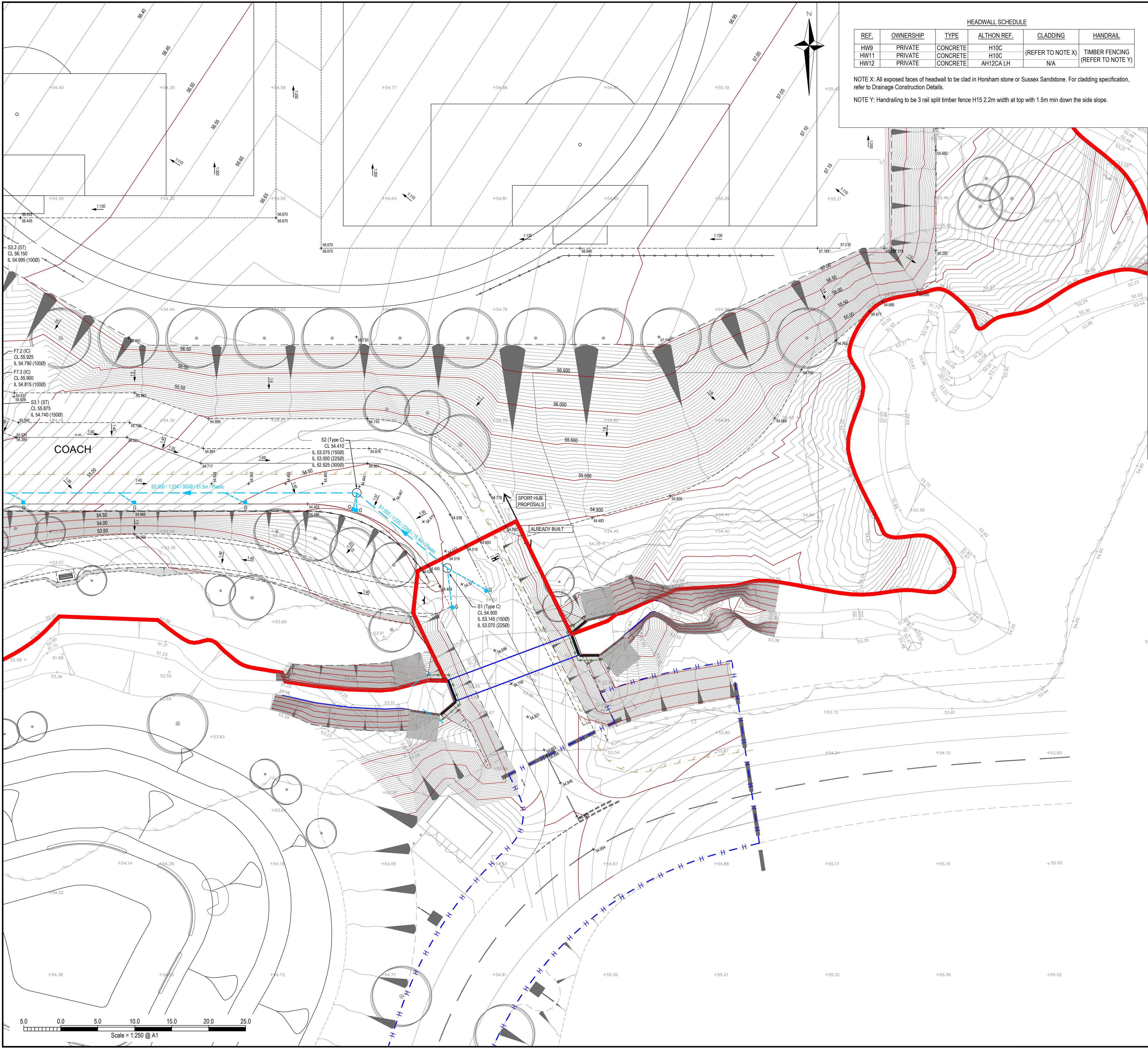
Title : Sports Hub
Technical Layout
Sheet 4

Project Engineer :	C Salt	Scale :	1:250 @ A1
Project Director :	J Birch	Date :	April 2023
Status :	PLANNING		

Drawing No.	MOW-GLA-SH-Ph2-D-C-1109	Rev	P2
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DRAINAGE AND LEVELS ARE INDICATIVE AND SUBJECT TO FURTHER DETAILED DESIGN

- Private manholes / inspection chamber covers in block paving / slabs to be recessed with matching blocks / slabs.
- Detailed as-built survey of all drainage to be provided upon completion for client approval.
- Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.



HEADWALL SCHEDULE					
REF.	OWNERSHIP	TYPE	ALTHON REF.	CLADDING	HANDRAIL
HW9	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING (REFER TO NOTE Y)
HW11	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING (REFER TO NOTE Y)
HW12	PRIVATE	CONCRETE	AH12CA LH	N/A	TIMBER FENCING (REFER TO NOTE Y)

NOTE X: All exposed faces of headwall to be clad in Horsham stone or Sussex Sandstone. For cladding specification, refer to Drainage Construction Details.

NOTE Y: Handrailing to be 3 rail split timber fence H15 2.2m width at top with 1.5m min down the side slope.

- NOTES**
- This drawing is to be read in conjunction with all other drawings and specifications.
 - Any discrepancies found between information shown on this or any other drawing shall be reported to the Engineer immediately and prior to works commencing on site.
 - Dimensions are scaleable for planning purposes only.
 - All works to be to Building Regulations Part H and Part M (Vol. 2).
 - This drawing details below ground drainage. For above ground drainage, refer to the Architect's detailed drawings.
 - Refer to the Architect's layouts for setting out of SVPs and RWPs.
 - All stack connections under buildings to be 100mmØ at minimum gradient of 1 in 40 (SVP) or 1 in 30 (FS) unless otherwise noted.
 - Where pipe diameters and gradients are not shown, foul water pipes to be 100mm laid at a minimum gradient of 1:50 with surface water pipes to be 100mm laid at minimum gradient of 1:80, unless otherwise noted.
 - All private pipework to be plastic or vitrified clay. Plastic pipes to comply with BS EN 13476 and WS 4-25-01 V2 and withstand a minimum jetting pressure of 2,600 psi. Materials for rising main as noted on layout. Vitrified clay pipes to comply with BS EN 295. Pipes shall be BSi Kitemarked, or have equivalent third party certification as appropriate.
 - All pipework shall join at soffit level unless otherwise stated on the drawing or schedules.
 - Cover grade for chambers in accordance with 'Table C' on Drainage Construction Details drawing.
 - For all other details of manholes, inspection chambers, cover sizing and specifications, refer to the drainage standard details drawings.
 - All manhole / inspection chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines as appropriate. Cover levels are approximate only. All covers to be set flush with finished surface.
 - Invert levels of existing chambers have been taken from third party information and should be confirmed onsite prior to commencement of drainage works. Any discrepancies in the levels of the drainage should be reported immediately to the Engineer. It is to the contractor's responsibility to ensure that all services that are affected by the works are located, marked out and protected if necessary, prior to works commencing and during construction. Trial holes are to be hand dug to locate services if necessary.
 - Existing drainage that will serve no purpose post development is to be either removed or suitably stopped up by end capping or in infilling with concrete with no hindrance to the retained system.
 - All pipework jointing and installation shall be undertaken to Manufacturer's specification utilising proprietary products where applicable.
 - All plastic drainage to be OSMA Wavin.
 - Private manholes / inspection chamber covers in block paving / slabs to be recessed with matching blocks / slabs.
 - Detailed as-built survey of all drainage to be provided upon completion for client approval.
 - Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.

DRAINAGE AND LEVELS ARE INDICATIVE AND SUBJECT TO FURTHER DETAILED DESIGN

- KEY**
- H — H — Extent of proposed highway boundary.
 - H — H — Existing highway boundary.
 - Proposed foul water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
 - Proposed surface water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
 - Proposed foul water manhole/inspection chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level Invert level (pipe diameter)
 - Proposed surface water manhole/catchpit chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level Invert level (pipe diameter)
 - Foul water package pump station. Refer to TT Pumps drawings and specifications for details.
 - Proposed route of foul water rising main from private package pump station.
 - 225mm O/D PE100 SDR11, with 182.4mm bore, adoptable foul water rising main and washout / air valve chamber with associated 6m wide easement.
 - Surface water flow control chamber, Hydro-Brake, or similar approved. Refer to drainage construction details for further details.
 - Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmaDrain.
 - Formpane rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
 - Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
 - Proposed bagwork headwall, refer to headwall schedule for further details.
 - Proposed brickwork headwall, refer to headwall schedule for further details.
 - Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
 - Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
 - Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient, Draining Artificial Grass and MUGA pitches.
 - French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
 - Existing Phase 1 foul water drainage, taken from as-built record information.
 - Existing Southern Water Faygate rising main, taken from as-built record information.
 - Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
 - Proposed minor contours 50mm intervals
 - Proposed major contours 500mm intervals
 - Proposed spot levels
 - Gradient / Fall arrows

P2	Amendments to drainage design.	19/12/2025 D. Strange	CS
Rev.	Description	Date	Chkd



Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel: (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : Legal & General
(Strategic Land North Horsham) Limited

Project : Mowbray (Land North of Horsham)

Title : Sports Hub
Technical Layout
Sheet 5

Project Engineer :	C Salt	Scale :	1:250 @ A1
Project Director :	J Birch	Date :	April 2023
Status :	PLANNING		

Drawing No.	MOW-GLA-SH-Ph2-D-C-1110	Rev	P2
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NOTES

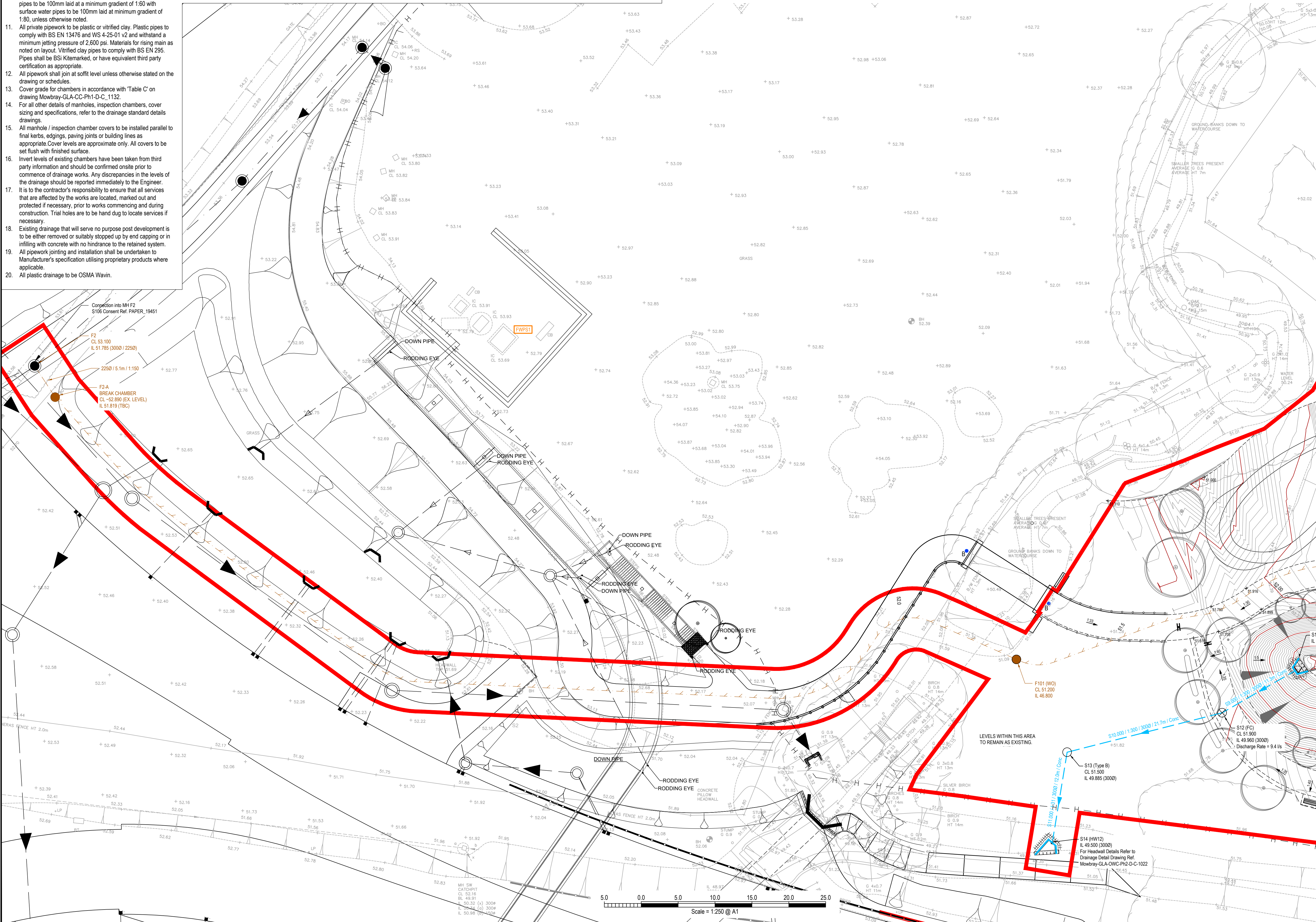
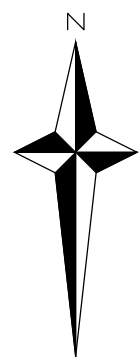
- This drawing is to be read in conjunction with all other drawings and specifications.
- Any discrepancies found between information shown on this or any other drawing shall be reported to the Engineer immediately and prior to works commencing on site.
- Dimensions are scaleable for planning purposes only.
- All works to be to Building Regulations Part H and Part M (Vol. 2).
- This drawing details below ground drainage. For above ground drainage, refer to the Architect's detailed drawings.
- Refer to the Architect's layouts for setting out of SVPs and RWP.
- All stack connections under buildings to be 100mmØ at minimum gradient of 1 in 40 (SVP) or 1 in 30 (FS) unless otherwise noted.
- Where pipe diameters and gradients are not shown, foul water pipes to be 100mm laid at a minimum gradient of 1:80 with surface water pipes to be 100mm laid at minimum gradient of 1:80, unless otherwise noted.
- All private pipework to be plastic or vitrified clay. Plastic pipes to comply with BS EN 13476 and WS 4-25-01 v2 and withstand a minimum jetting pressure of 2,600 psi. Materials for rising main as noted on layout. Vitrified clay pipes to comply with BS EN 295. Pipes shall be BSI Kitemarked, or have equivalent third party certification as appropriate.
- All pipework shall join at soffit level unless otherwise stated on the drawing or schedules.
- Cover grade for chambers in accordance with 'Table C' on drawing Mowbray-GLA-CC-Ph1-D-C_1132.
- For all other details of manholes, inspection chambers, cover sizing and specifications, refer to the drainage standard details drawings.
- All manhole / inspection chamber covers to be installed parallel to final kerbs, edgings, paving joints or building lines as appropriate. Cover levels are approximate only. All covers to be set flush with finished surface.
- Invert levels of existing chambers have been taken from third party information and should be confirmed onsite prior to commencement of drainage works. Any discrepancies in the levels of the drainage should be reported immediately to the Engineer.
- It is to the contractor's responsibility to ensure that all services that are affected by the works are located, marked out and protected if necessary, prior to works commencing and during construction. Trial holes are to be hand dug to locate services if necessary.
- Existing drainage that will serve no purpose post development is to be either removed or suitably stopped up by end capping or in infilling with concrete with no hindrance to the retained system.
- All pipework jointing and installation shall be undertaken to Manufacturer's specification utilising proprietary products where applicable.
- All plastic drainage to be OSMA Wavin.

- Private manholes / inspection chamber covers in block paving / slabs to be recessed with matching blocks / slabs.
- Detailed as-built survey of all drainage to be provided upon completion for client approval.
- Drainage system to be cleaned and CCTV survey provided for client approval prior to completion.

HEADWALL SCHEDULE					
REF.	OWNERSHIP	TYPE	ALTHON REF.	CLADDING	HANDRAIL
HW9	PRIVATE	CONCRETE	H10C		
HW11	PRIVATE	CONCRETE	H10C	(REFER TO NOTE X)	TIMBER FENCING (REFER TO NOTE Y)
HW12	PRIVATE	CONCRETE	AH12CA LH	N/A	

NOTE X: All exposed faces of headwall to be clad in Horsham stone or Sussex Sandstone. For cladding specification, refer to Drainage Construction Details.

NOTE Y: Handrailing to be 3 rail split timber fence H15 2.2m width at top with 1.5m min down the side slope.



KEY

- H — H — Extent of proposed highway boundary.
- H — H — Existing highway boundary.
- F1 000
1/80 / 1000 / 50.0m / Plastic
Proposed foul water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
- S1.000
1/80 / 1000 / 50.0m / Plastic
Proposed surface water drain or private sewer. MicroDrainage pipe reference No. Direction of fall Pipe Diameter / Gradient / Length / Material
- F18 (Type D)
CL 53.580
IL 52.770 (1500)
Proposed foul water manhole/inspection chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level Invert level (pipe diameter)
- S12 (Type C)
CL 51.589
IL 49.885 (3000)
Proposed surface water manhole/catchpit chamber. Refer to drainage construction details for references and chamber type specifications. Perfect Manholes to be used if preferred by the contractor, refer to Drainage Construction Details. Chamber reference No. Cover level Invert level (pipe diameter)
- Foul water package pump station. Refer to TT Pumps drawings and specifications for details.
- Proposed route of foul water rising main from private package pump station.
- 225mm Ø/D PE100 SDR11, with 182.4mm bore, adoptable foul water rising main and washout / air valve chamber with associated 6m wide easement.
- Surface water flow control chamber, Hydro-Brake, or similar approved. Refer to drainage construction details for further details.
- Private highway precast concrete road gully detail. Gully connections to be 150mmØ Wavin OsmaDrain.
- DTx2
Formpane rainwater diffuser unit 354 x 708 x 150mm deep, with number of units required.
- Medium duty Wavin drainage channel, or similar approved. Refer to drainage construction details for further details.
- Proposed bagwork headwall, refer to headwall schedule for further details.
- Proposed brickwork headwall, refer to headwall schedule for further details.
- Proposed precast concrete Althon headwall, refer to headwall schedule for further details.
- Rainwater harvesting tank. Refer to Spel drawings and specifications for details.
- Lateral drain. 160mmØ WavinCoil corrugated perforated pipe. Laid to match sub-base gradient. Draining Artificial Grass and MUGA pitches.
- French drain. 100mmØ WavinCoil corrugated perforated pipe, laid on Class A granular bed. Pipe to be laid in 450mm wide trench and surrounded with Type B filter material. Geotextile membrane (Terram 1000 or similar approved) to line base and sides of the trench. Wavin AquaCell silt trap to be provided at head of run / as shown.
- F209
Asb. IL: 51.103
Existing Phase 1 foul water drainage, taken from as-built record information.
- Existing Southern Water Faygate rising main, taken from as-built record information.
- Proposed drainage from Phase 1 works. Refer to previous Phase drawings by others for details.
- Proposed minor contours 50mm intervals
- Proposed major contours 500mm intervals
- Proposed spot levels
- Gradient / Fall arrows

P2	Amendments to drainage design.	19/12/2025 D. Strange	CS
Rev.	Description	Date	Chkd



Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel. (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client : Legal & General
(Strategic Land North Horsham) Limited

Project : Mowbray (Land North of Horsham)

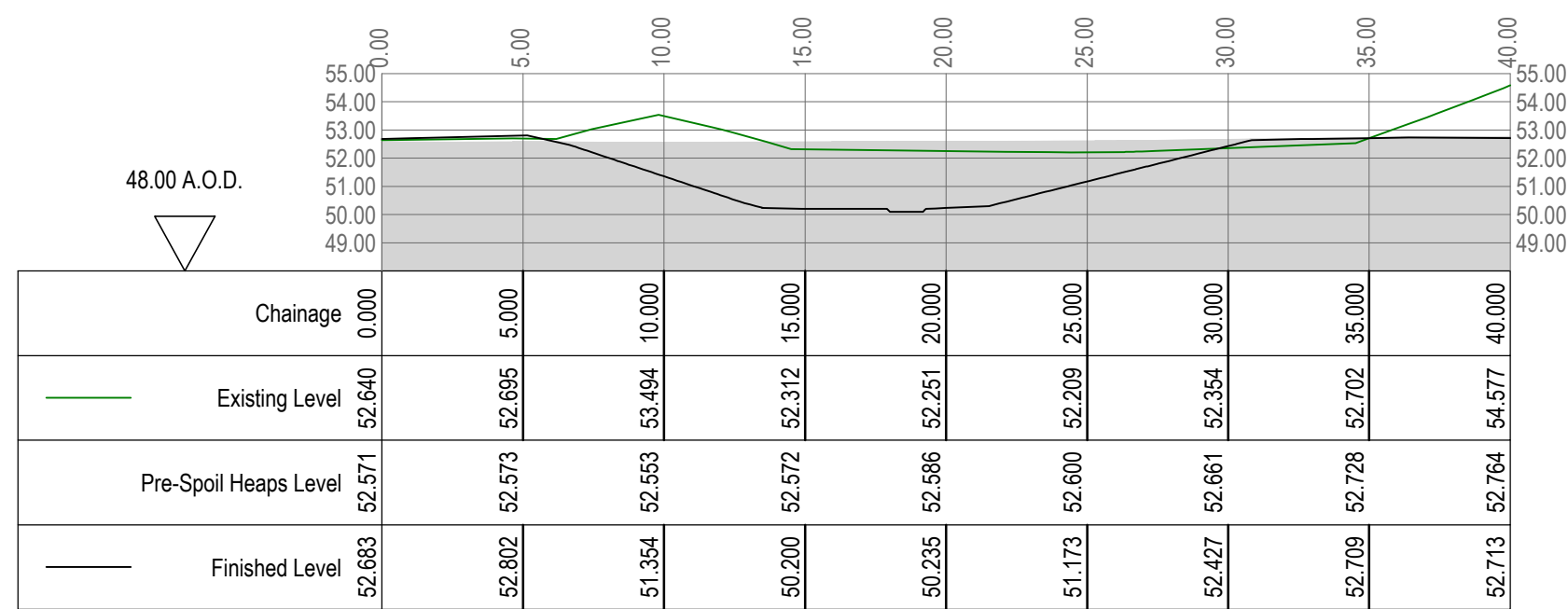
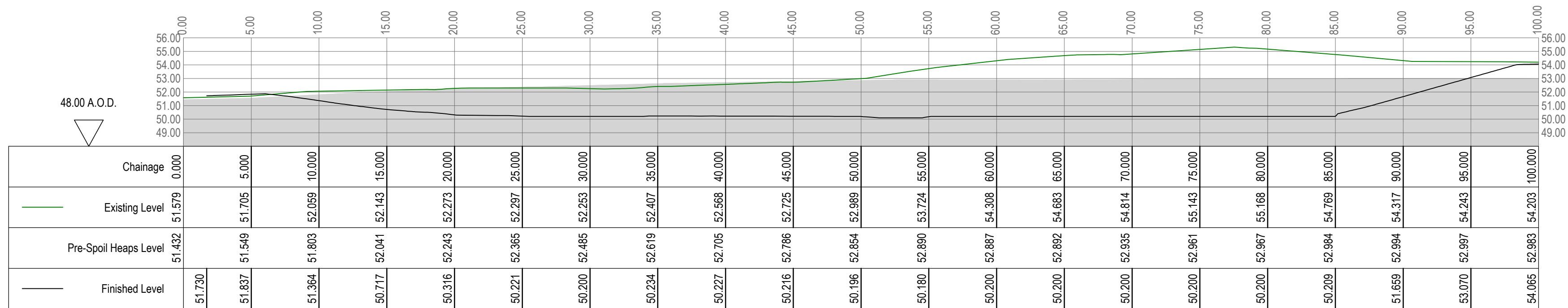
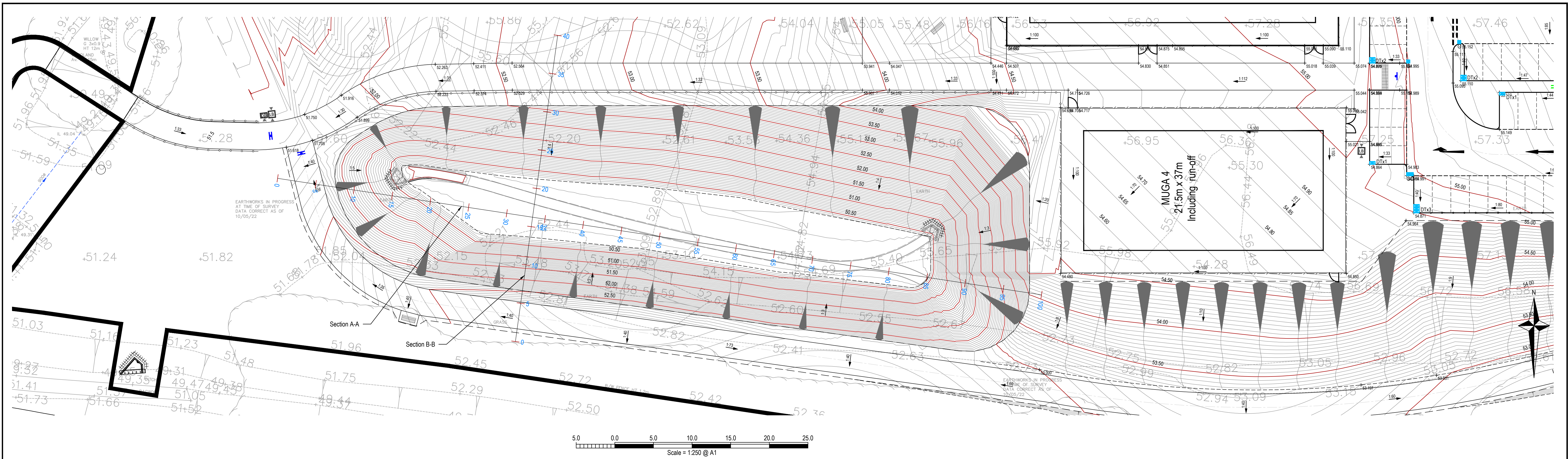
Title : Sports Hub
Technical Layout
Sheet 6

Project Engineer : C Salt Scale : 1:250 @ A1

Project Director : J Birch Date : April 2023

Status : PLANNING

Drawing No. MOW-GLA-SH-PH2-D-C_1111 Rev P2



KEY
— 25 Chainage marker

- NOTES
1. This drawing is to be read in conjunction with all relevant documents and specifications.
 2. Dimensions are scaleable for planning purposes only.
 3. All works shall be in accordance with Volume 1 of Manual of Contract Documents for Highways Works - Specification for Highway Works (MCHW).
 4. Contours are shown at 50mm intervals.
- Source: MK Surveys drawing no. 31246 Sheets 6 & 7

P1	Issued for planning.	27/11/2025 D. Strange	CS
Rev.	Description	Date	Chkd



Glanville
Cornerstone House
62 Foxhall Road, Didcot
Oxon, OX11 7AD
Tel: (01235) 515550 Fax: (01235) 817799
postbox@glanvillegroup.com www.glanvillegroup.com

Client :	Legal & General (Strategic Land North Horsham) Limited		
Project :	Sports Hub at Mowbray North Horsham		
Title :	Attenuation Basin Long Sections		
Project Engineer :	C Salt	Scale :	As Shown @ A1
Project Director :	J Birch	Date :	August 2023
Status :	PLANNING		

Glanville Job Number: 8220585	Drawing No. MOW-GLA-SH-Ph2-D-C-1118	Rev P1
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