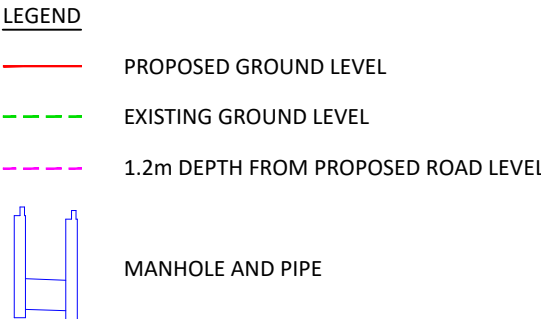


UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERING AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR IS TO CHECK & VERIFY ALL SITE DIMENSIONS & LEVELS BEFORE WORKS START ON SITE.
- POSITIONS OF EXISTING SERVICES ADJACENT TO OR CROSSING PROPOSED EXCAVATIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING WORK.
- DRAINAGE TO BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN MANUAL FOR ROADS & BRIDGES (DMRB).
- ALL HIGHWAY DRAINAGE TO BE 225mmØ UNLESS NOTED OTHERWISE.
- CONTRACTOR TO LOCATE MANHOLE COVERS OUTSIDE OF WHEEL TRACKS.
- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED DRAWINGS & SPECIFICATIONS TO THE SATISFACTION THE LOCAL AUTHORITY.
- ALL ADAPTABLE DRAINAGE SHALL BE IN ACCORDANCE WITH SEWER SECTOR GUIDANCE APPENDIX C: THE DESIGN AND CONSTRUCTION GUIDANCE AND STATUTORY UNDERTAKERS REQUIREMENT
- ANY PIPES LOCATED UNDER VEHICULAR AREAS, HAVING LESS THAN 1.2M FROM F.G.L TO CROWN IN ROADS, 0.9M IN DOMESTIC DRIVEWAYS & 0.35M IN GARDENS SHALL HAVE REINFORCED CONCRETE SLAB TO CLAUSE DCG B7.3 FOR PROTECTION, LOCATION SHOWN ON PLAN VIEW WITH THE ACRONYM (CSP). ALL OTHER PIPES WITH 1.2M OR GREATER COVER TO CROWN SHALL USE TYPE S BED & SURROUND.
- ALL CONSTRUCTION TO BE IN ACCORDANCE TO IWNL AND SSG GUIDANCE.



S1.000 - LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 130.000

Chainage	130																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Level

S2.000 - LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 135.000

Chainage	00.000	10.000	14.312
Proposed Levels	138.260	138.292	138.391
Existing Levels	138.243	138.147	138.166
Name	S8a CL 138.25 IL 136.75	S8 CL 138.35 IL 135.99	
Pipe Details	S2.000 Gradient 1:25.9 PVC Pipe SI Diameter 225mm Pipe Length 11.93m		

Level

S3.000 - LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 130.000

Chainage	00.000	10.000	20.000	23.669
Proposed Levels	136.450	136.347		
Existing Levels	136.105	135.998	135.764	135.578
Name	S16 CL 138.43 IL 134.07	S17 CL 138.29 IL 133.90	S14 CL 136.20 IL 133.50	
Pipe Details	S3.000 Gradient 1:158.0 PVC Pipe SI Diameter 225mm Pipe Length 15.01m	S3.001 Gradient 1:251.3 PVC Pipe SI Diameter 300mm Pipe Length 6.39m		

Level

S4.000 - LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 130.000

Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000
Proposed Levels	136.664	136.547	136.434	136.28	136.167	136.059	135.418	133.716
Existing Levels	136.381	136.028	135.834	135.755	135.692	135.712	135.444	135.499
Name	S18 CL 136.65 IL 135.35	S19 CL 136.44 IL 135.20	S20 CL 136.18 IL 134.78	S21 CL 136.04 IL 134.43	S22 CL 136.20 IL 134.40	S23 Headwall IL 134.37	S24 CL 136.23 IL 134.80	S21 CL 136.04 IL 134.43
Pipe Details	S4.000 Gradient 1:123.1 PVC Pipe SI Diameter 225mm Pipe Length 16.47m	S4.001 Gradient 1:43.8 PVC Pipe SI Diameter 225mm Pipe Length 16.39m	S4.002 Gradient 1:71.0 PVC Pipe SI Diameter 225mm Pipe Length 14.20m	S4.003 Gradient 1:242.3 Concrete Pipe SI Diameter 375mm Pipe Length 7.20m	S4.004 Gradient 1:295.2 Concrete Pipe SI Diameter 375mm Pipe Length 8.86m			

Level

S5.000 - LONGSECTION
SCALE: H 1:500,V 1:100.
DATUM: 130.000

Chainage	00.000	10.000	17.348
Proposed Levels	136.259	136.058	136.050
Existing Levels	135.964	135.786	135.722
Name	S24 CL 136.23 IL 134.80	S21 CL 136.04 IL 134.43	
Pipe Details	S5.000 Gradient 1:68.0 PVC Pipe SI Diameter 225mm Pipe Length 14.97m		

Rev	Issued for Tender	SJ	LF	21.08.26
	Details	Drawn	Checked	Date



Quest House
St Mellons Business Park
Fortran Road
Cardiff
CF3 0EY
T: 02922 520 219

Client: Lovell Homes Cardiff

Project: Pavenhill Farm Purton

Drawing: Surface Water Drainage Long Sections

Scale: As Shown Sheet Size: A1

Drawn: SJ Checked: LF Date: 07/08/2026

Drawing Number: 250814_LHC_D_003 Revision: -