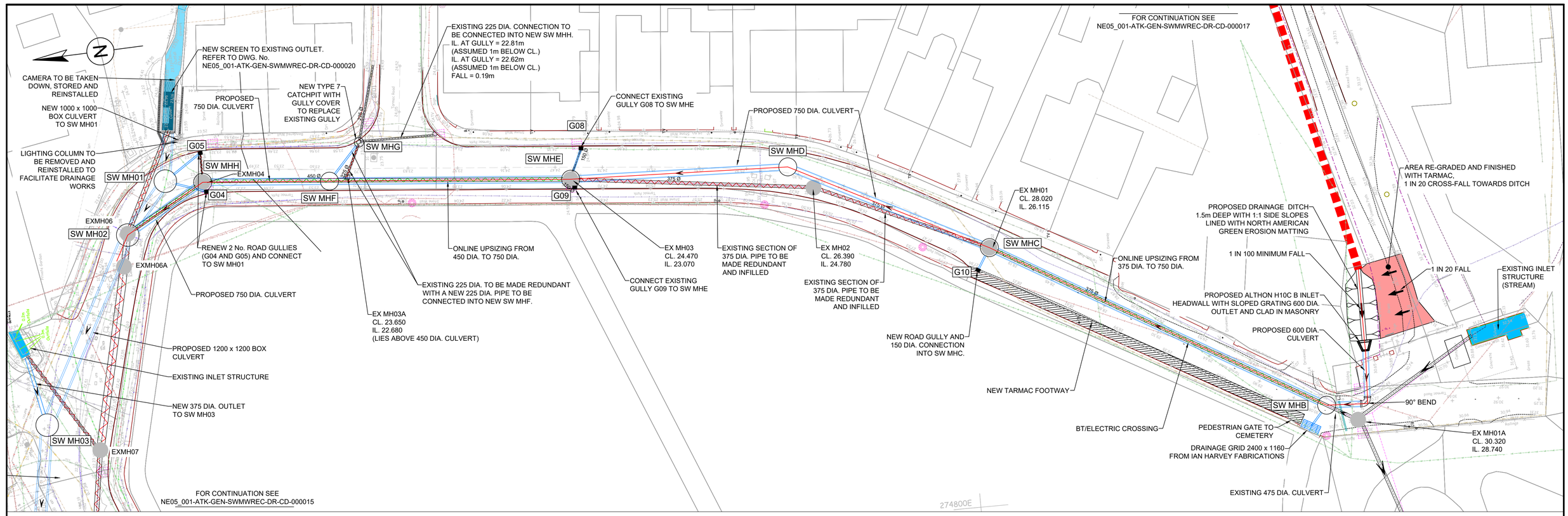
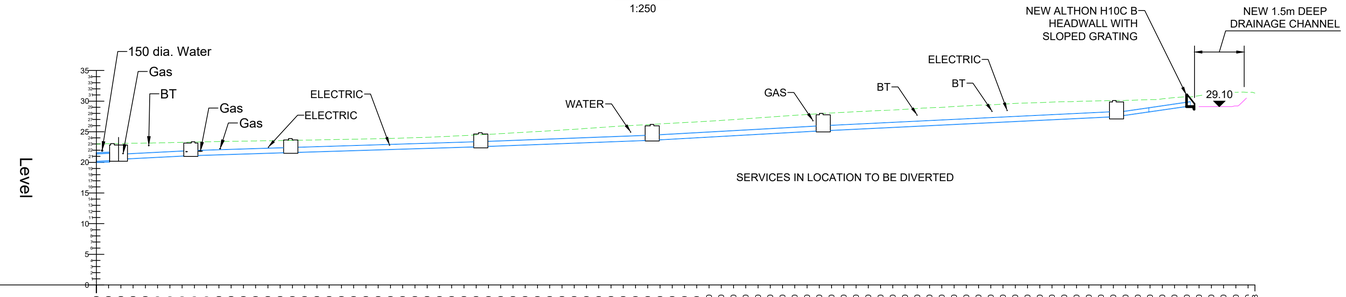


PLAN

1:250



Chainage	Existing Levels	Manhole Name	Cover, Invert and Pipe Length	Pipe Name
00.000	22.985	SW MH02	23.066	
02.000	23.045		USIL 21.133 DSIL 20.543 11.812	SW2.007
04.000	23.068			
06.000	23.132			
08.000	23.150			
10.000	23.179			
12.000	23.223			
14.000	23.268			
16.000	23.322	SW MHH	23.369	
18.000	23.360			
20.000	23.401			
22.000	23.439			
24.000	23.470			
26.000	23.502			
28.000	23.532			
30.000	23.563			
32.000	23.602			
34.000	23.636			
36.000	23.670			
38.000	23.711			
40.000	23.748			
42.000	23.784			
44.000	23.825			
46.000	23.867			
48.000	23.911			
50.000	23.973			
52.000	24.035			
54.000	24.094			
56.000	24.183			
58.000	24.279			
60.000	24.375			
62.000	24.462			
64.000	24.577			
66.000	24.689			
68.000	24.807			
70.000	24.920			
72.000	25.031			
74.000	25.148			
76.000	25.276			
78.000	25.429			
80.000	25.542			
82.000	25.682			
84.000	25.822			
86.000	25.956			
88.000	26.058			
90.000	26.163			
92.000	26.275			
94.000	26.369			
96.000	26.497			
98.000	26.669			
100.000	26.727			
102.000	26.852			
104.000	26.983			
106.000	27.125			
108.000	27.267			
110.000	27.428			
112.000	27.547			
114.000	27.683			
116.000	27.820			
118.000	27.956			
120.000	28.067			
122.000	28.167			
124.000	28.267			
126.000	28.367			
128.000	28.467			
130.000	28.551			
132.000	28.660			
134.000	28.794			
136.000	28.906			
138.000	28.989			
140.000	29.111			
142.000	29.233			
144.000	29.339			
146.000	29.399			
148.000	29.509			
150.000	29.625			
152.000	29.697			
154.000	29.756			
156.000	29.836			
158.000	29.909			
160.000	29.947			
162.000	30.010			
164.000	30.054			
166.000	30.085			
168.000	30.119			
170.000	30.180			
172.000	30.241			
174.000	30.299			
176.000	30.377			
178.000	30.678			
180.000	30.887			
182.000	31.129			
184.000	31.389			
186.000	31.424			
188.000	31.511			
189.118	31.304			
		SW MHF		
		SW MHE	24.857	
		SW MHD	26.199	
		SW MHC	27.996	
		SW MHB	30.091	
			USIL 22.602 DSIL 21.639 31.029	SW2.006
			USIL 23.650 DSIL 22.602 27.999	SW2.005
			USIL 25.200 DSIL 23.650 27.973	SW2.004
			USIL 27.510 DSIL 25.200 47.929	SW2.003
			USIL 28.269 DSIL 27.510 5.334	SW2.002
			USIL 29.260 DSIL 28.269 6.842	SW2.001

CULVERT LONG SECTION (SW MH02 - DRAINAGE CHANNEL)

1:500

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
- Requirement for services diversions in advance of works to install new culvert
- Potential for encountering unplotted services or private underground services
- access to be maintained to residential and commercial properties
- Presence of asbestos containing materials at Carreg Hir
- Presence of contaminated soils in areas of former industrial use (land at Penrhiwtin)
- Maintaining of existing surface water flows
- Sudden increase in flows

Maintenance / Cleaning
- Trash screen will require regular inspection and clearance
- Trash screen and outfall to be inspected after storm events
- Attenuation tanks to be cleaned by high flow jetting
- Silt/rock traps to be emptied to prevent culvert blockage

Use
- Trash screen will require regular inspection and clearance
- Trash screen and outfall to be inspected after storm events
- Attenuation tanks to be cleaned by high flow jetting
- Silt/rock traps to be emptied to prevent culvert blockage

Decommissioning / Demolition
- Requirement for services diversions in advance of works to install new culvert
- Potential for encountering unplotted services or private underground services
- access to be maintained to residential and commercial properties
- Presence of asbestos containing materials at Carreg Hir
- Presence of contaminated soils in areas of former industrial use (land at Penrhiwtin)
- Maintaining of existing surface water flows
- Sudden increase in flows

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
3. ALL GULLIES TO BE PRECAST CONCRETE GULLIES TO DMRB HIGHWAY CONSTRUCTION DETAILS DRAWING F13.

SERVICES LEGEND

- Neath Port Talbot Borough Council - Drainage
- Neath Port Talbot Borough Council - Gully
- Neath Port Talbot Borough Council - Street Light
- Neath Port Talbot Borough Council - Street Lighting
- Neath Port Talbot Borough Council - Electric Street Furniture
- Dwr Cymru Welsh Water - Sewerage
- Dwr Cymru Welsh Water - Water
- Openreach - British Telecommunications
- Openreach - British Telecommunications - Overhead
- Virgin Media
- Vodafone
- Wales and West Utilities
- GTC
- Western Power Distribution
- Western Power Distribution - Overhead
- Western Power Distribution - Substation
- Radar Trace
- Ysgol Carreg Hir Surface Water - Drainage
- Ysgol Carreg Hir Surface Water - Filter Drain
- Ysgol Carreg Hir Foul Sewer
- Network Rail asset
- Existing Pipework to be filled with Foam Concrete
- Existing Pipework to be removed

Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
S0	P01.3	ME	---	---	---	07/04/25

Drawing Suitability: WORK IN PROGRESS
Status: S0

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Client: NEATH PORT TALBOT COUNTY BOROUGH COUNCIL

Project Title: GRANDISON BROOK

Drawing Title: PLAN AND LONG SECTION SHEET 7

Drawing Number: NE05_001 - ATK - GEN - SWMWREC - DR - CD - 000016
(Project | Originator | Volume | Location | Type | Role | Number)

Original Size: A1 | Scale: AS SHOWN | Project Ref. No: 5192793 | Sheet: 7 of 8 | Rev: P01.3

This Drawing is saved on ProjectWise. Plotted: