DO NOT SCALE

Millimetres 0 10 100

SW MH15

EXISTING 100 DIA. FOUL SEWER CROSSING

EXISTING FOUL MANHOLE TO BE RELOCATED

EXISTING FOUL PIPE TO BE ABANDONED

REINSTATE CHANNEL DRAINAGE SYSTEM ON COMPLETION

NEW POSITION OF FOUL MANHOLE

REMOVE AND REPLACE TREE

REINSTATE FOUL / EFFLUENT DRAINAGE ON COMPLETION OF NEW CULVERT INSTALLATION

EXISTING LAND DRAINAGE SYSTEM TO BE REINSTATED

EXISTING GULLY TO BE REINSTATED

STRICTLY NO ACCESS TO AREA OF CARREG-HIR STANDING STONE SCHEDULED MONUMENT. DEMARCATED WITH FENCING ALONGSIDE WORKS BOUNDARY FOR DURATION OF WORKS.

EXMH21
CL. 7.68
IL. 6.29

POSSIBLE TREE BRANCH SPREAD IN WORKING AREA

DIVERTED FOUL PIPE

PIPE ROUTE THROUGH BIN STORE

REINSTATE SURFACE COURSE OVER AREAS SHOWN

EXISTING 900 DIA. CULVERT TO REMAIN IN USE

REDUNDANT INSPECTION CHAMBER TO BE REMOVED

SW MH14

PARKING AREA, KERBS AND GULLIES TO BE TEMPORARILY REMOVE AND THEN REINSTATED

REINSTATE CAR PARK ON COMPLETION

EXMH20

PROPOSED 1200 DIA CULVERT

EXISTING LAND DRAINAGE SYSTEM TO BE REINSTATED

REMOVE AND REPLACE SMALL TREES

RAILINGS AND BRICK PILLAR BOUNDARY WALL TO BE REMOVED AND REINSTATED

WATER MAIN SLUICE VALVE TEMPORARY DIVERSION

SURFACE WATER. CONNECTION OF SURFACE WATER WITH IN-LINE FLAP VALVE

EXISTING 225 DIA. FOUL SEWER CROSSING

SW MH13

EXISTING 300mm SURFACE WATER TO BE ABANDONED

ACCESS ROAD TO BE FULLY REINSTATED WITH TARMAC ON COMPLETION SEE DRAWING NE06_001-ATK0GEN-SWMWREC-DR-C-000024

REMOVE 7 No. TREE STUMPS

EXISTING 150 DIA. FOUL SEWER CROSSINGS

SW MH10

SW MH11

SW MH12

SCHOOL KEEP CLEAR

EXMH19
CL. 10.08
IL. 8.51

EXISTING FOUL SEWER CROSSING

EXMH18
CL. 10.33
IL. 8.85

COMMS CHAMBER TO BE TEMPORARY RELOCATED

FOUL MH
CL. 10.610
IL. 8.680

FOUL MH
CL. 10.791
IL. 9.391

POSSIBLE LOCAL DIVERSION OF FOUL SEWER PAST MH12

FOUL MH
CL. 11.257
IL. 10.557

FOR CONTINUATION SEE NE05_001-ATK-GEN-SWMWREC-DR-CD-000012

FOR CONTINUATION SEE NE05_001-ATK-GEN-SWMWREC-DR-CD-000014

FOR CONTINUATION SEE NE05_001-ATK-GEN-SWMWREC-DR-CD-000019

N

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

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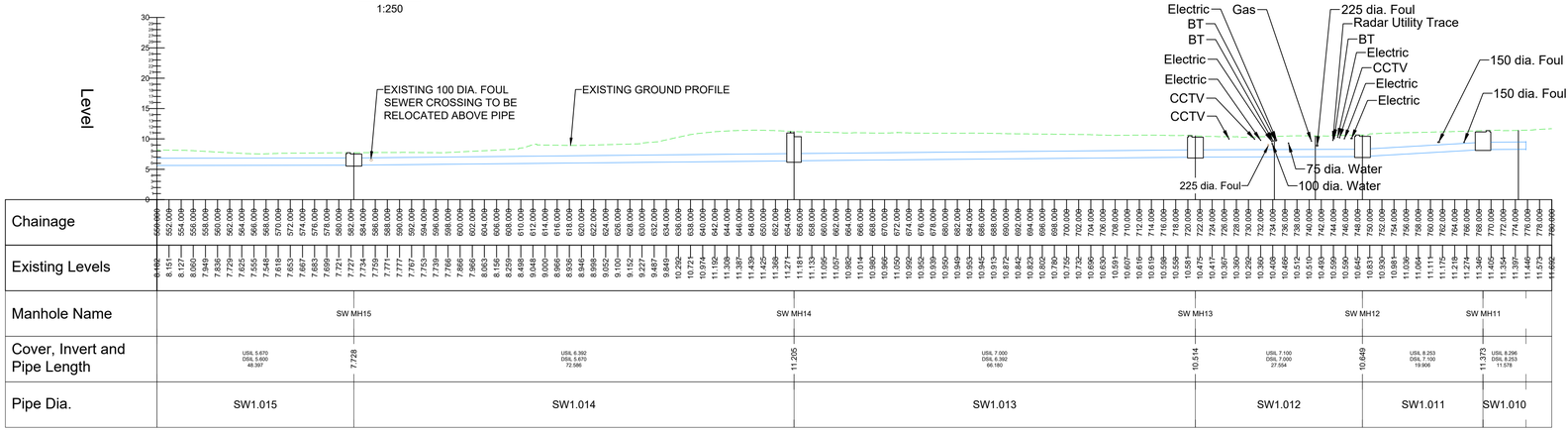
PLAN
1:250

SCHEDULE OF REMEDIAL WORK ON EXISTING SEWERS

Length	Work Required	Length	Pipe Dia.
EXMH18-EXMH19	• CLEAR DEBRIS (PIPE AROUND 30% FULL) • RELINE PIPE	12	900
EXISTING 300 PIPE TO EXMH18	• FOAM CONCRETE INFILL	50	300
EXMH19-EXMH20	• CLEAR DEBRIS (PIPE AROUND 10% FULL) • RELINE PIPE	64	900
EXMH20-EXMH21	• CLEAR DEBRIS (PIPE AROUND 10% FULL) • RELINE PIPE	64.5	900
EXMH18 EXMH19 EXMH20	CONCRETE JACKET AND PRESSURE PLATE	N/A	N/A



CULVERT LONG SECTION (MH15 - MH11)
1:500

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.

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

Description	Status	Revision	Drawn	Checked	Reviewed	Authorised	Issue Date
For Planning	S6	P01	DJW	RC	RAM	---	26/05/26

Drawing Suitability: FOR PLANNING — Status: S6

Project Title: GRANDISON BROOK

Drawing Title: PLAN AND LONG SECTION SHEET 4

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Client: NEATH PORT TALBOT COUNTY BOROUGH COUNCIL

Drawing Number: Project NE05_001 - Originator ATK - Volume GEN - Location SWMWREC - Type DR - Role CD - Number 000013

Original Size: A1 | Scale: AS SHOWN | Project Ref. No: 5192793 | Sheet: 4 of 8 | Rev: P01