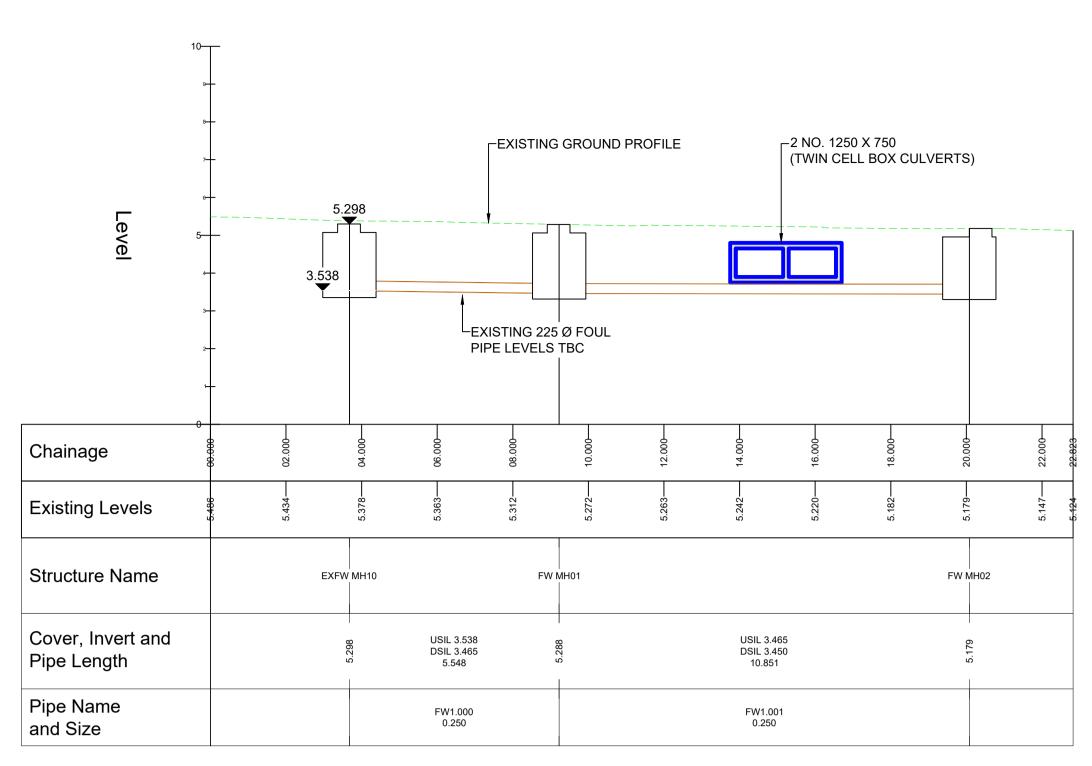


SCALE DO NOT

−MH FW02 TWIN CELL 1250 x 750-BOX CULVERTS NEW PALISADE DOUBLE GATES 2.4m -HIGH AND 4.5m WIDE SW MH19 OPEN-CULVERT-►EXISTING WATERCOURSE AND HEADWALL TO BE PROPOSED GROUND RAISING-REMOVED AND INFILLED OVER CULVERT TO EXTEND TO REAR BOUNDARY OF -TWIN FOUL LINE WITH GATE VALVES, ADJACENT PROPERTIES PROPOSED PAM INTEGRAL DUCTILE IRONG PIPEWORK DN250 CLAY PIPE AT 1.1m-BELOW GROUND LEVEL -MH FW01 274255.400 N: 195514.550 PROPOSED 1750 x 1000-BOX CULVERT EXISTING FOUL MH10 CL. 5.298 IL. 3.538 This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office © Crown copyright. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. (Neath Port Talbot Council) – 100023392 – 2024 PLAN



FOUL DRAINAGE LONG SECTION (EXFW MH10 - FW MH02)

Structure Schedule						
Structure Name	Cover Level	MH Depth	MH Size and Type	Connected Pipes	Easting	Northing
EXFW MH10	5.298	1.798	DMRB Type 3 Chamber	FW1.000 Inv. 3.538	274268.347	195503.576
FW MH01	5.288	1.823	1200 Dia. SFA Type B	FW1.001 Inv. 3.465 FW1.000 Inv. 3.465	274268.099	195509.118
FW MH02	5.179	1.729	1200 Dia. SFA Type B	FW1.001 Inv. 3.450	274267.596	195519.958

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).

Presence of asbestos containing materials at Carreg Hir

 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

 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

Maintaining of existing surface water flows

Sudden increase in flows

Maintenance / Cleaning

 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 contaminated soils in areas of former industrial use (land at Penrhiwtin)

Construction

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** SERVICES LEGEND **GRANDISON BROOK** WORK IN PROGRESS S0 ---- Neath Port Talbot Borough Council - Drainage --- GTC Reviewed Authorised Issue Date ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED. Neath Port Talbot Borough Council - Gully Western Power Distribution ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE West Glamorgan House Western Power Distribution - Overhead Neath Port Talbot Borough Council -12 Orchard Street EXCAVATED MATERIAL TO BE DISPOSED OF AT CONTRACTOR'S LICENSED TIP. Western Power Distribution - Substation **BROOK COURT** Street Light Swansea Reviewed Authorised Issue Date FOR MANHOLE NAD PIPE DETAILS OF PACKAGE PUMP STATION REFER TO DCWW —⊩ Radar Trace **SNC·LAVALIN** West Glamorgan DCWW FOUL SEWER DIVERSION Neath Port Talbot Borough Council -DRAWING SMD4001/002. SA1 5AD Ysgol Carreg Hir Surface Water -Street Lighting **ATKINS** GENERAL ARRANGEMENT Tel: +44 (0)1792 641172 Drainage Neath Port Talbot Borough Council -Fax: +44 (0)1792 472019 Ysgol Carreg Hir Surface Water -Electric Street Furniture Member of the SNC-Lavalin Group Copyright © SNC Lavalin (2019) www.atkinsglobal.com Dwr Cymru Welsh Water - Sewerage Filter Drain Dwr Cymru Welsh Water - Water Ysgol Carreg Hir Foul Sewer Network Rail asset Openreach - British Telecommunications NE05_001 - ATK - GEN -Openreach - British Telecommunications - Overhead NEATH PORT TALBOT COUNTY - DR - CD - 000140 ___ Virgin Media **BOROUGH COUNCIL** __ vodafone Wales and West Utilities Original A1 ScaleAS SHOWN Project 5192793 Sheet: 1 of 1 Rev: P01.3