


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
<ul style="list-style-type: none">• Requirement for services diversions in advance of works to install new currelt• Potential for encountering unplotted services or private underground services access to be maintained to residential and commercial properties• Presence of asbestos containing materials at Carrey Hir• Presence of contaminated soils in areas of former industrial use (land at Penrhifdin)• Maintaining of existing surface water flows• Sudden increase in flows
Maintenance / Cleaning
<ul style="list-style-type: none">• 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/trap traps to be emptied to prevent cullbackage
Use
<ul style="list-style-type: none">• Trash screen will require regular inspection and clearance• Trash screen and outfall to be inspected after storm events• Attention tanks to be cleaned by high flow jetting• Silt/trap traps to be emptied to prevent cullbackage
Decommissioning / Demolition
<ul style="list-style-type: none">• Requirement for services diversions in advance of works to install new currelt• Potential for encountering unplotted services or private underground services access to be maintained to residential and commercial properties• Presence of asbestos containing materials at Carrey Hir• Presence of contaminated soils in areas of former industrial use (land at Penrhifdin)• Maintaining of existing surface water flows• Sudden increase in flows

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| <p>1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.</p> <p>2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.</p> <p>3. FOR INDICATIVE DETAILS OF TRASH SCREEN AND MESH FLOORING REFER TO DRAWINGS NE05_001-ATK-GEN-SWMWREC-DR-CD-000023 & 000024. TRASH SCREEN AND FLOORING SHALL BE CONTRACTOR DESIGN.</p> <p>5. ALL WASTE MATERIAL TO BE DISPOSED OF TO CONTRACTORS LICENSED TIP.</p> <p>6. INSTALL METEOR STANDARD 44G/36GPS ROBUST REMOTE CAMERA SYSTEM WITH BATTERY AND SOLAR PANEL WITH MCE-RPS-C PILLAR SYSTEM. MCE-RPS-C PILLAR SYSTEM IS MOUNTED TO HANDRAIL USING 2M POLE AND OVERCLAMPS 20W SOLAR PANEL (PROVIDED WITH MCE-RPS-C KIT) MOUNTED AT TOP OF THE POLE.</p> <p>7. NOTE ALL STEELWORK SHALL BE HOT DIP GALVANISED. FOR STEELWORK REQUIREMENTS FOR THE INLET STRUCTURE REFER TO WORKS INFORMATION ITEM W305 DESIGN RESPONSIBILITY AND SPECIFICATION APPENDIX 1/10 FOR ITEMS TO BE DESIGNED BY THE CONTRACTOR.</p> <p>8. ALL EXPOSED EDGES TO HAVE 25 x 25 CHAMFER.</p> | <p>9. FOR CONCRETE FINISHES REFER TO SPECIFICATION. ALL RIGID PIPES CONNECTING TO MANHOLES AND STRUCTURES TO HAVE A MINIMUM OF 1 No. ROCKER PIPE AND 1 No. SHORT LENGTH PIPE. EFFECTIVE LENGTH TO BE AS FOLLOWS:
 150 - 600 DIA = 600 LENGTH
 600 - 750 DIA = 1000 LENGTH
 OVER 750 DIA = 1250 LENGTH</p> <p>10. THE TRASH SCREEN SHALL BE STEEL GRADE275J0 TO BS EN10025</p> <p>11. SUPPORTING BEAM ARE TO BE GRADE S355 HOT ROLLED STEEL</p> <p>12. ALL WELDS TO BE MINIMUM OF 6mm FILLET WELD</p> <p>13. ALL BOLTS TO BE MIN. GRADE 8.8</p> <p>14. ALL STEEL SHALL BE HOT DIPPED GALVANISED TO BS EN ISO 1461 WITH MIN. COAT THICKNESS OF 140 MICRONS</p> |
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Description							 <p>West Glamorgan House 12 Orchard Street Swansea West Glamorgan SA1 5AD Tel: +44 (0)1792 641172 Fax: +44 (0)1792 472019 www.atkinsglobal.com</p>		Drawing Title		INLET STRUCTURE REF: CUL_0015 PROPOSED DETAILS SHEET 1 OF 3																	
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