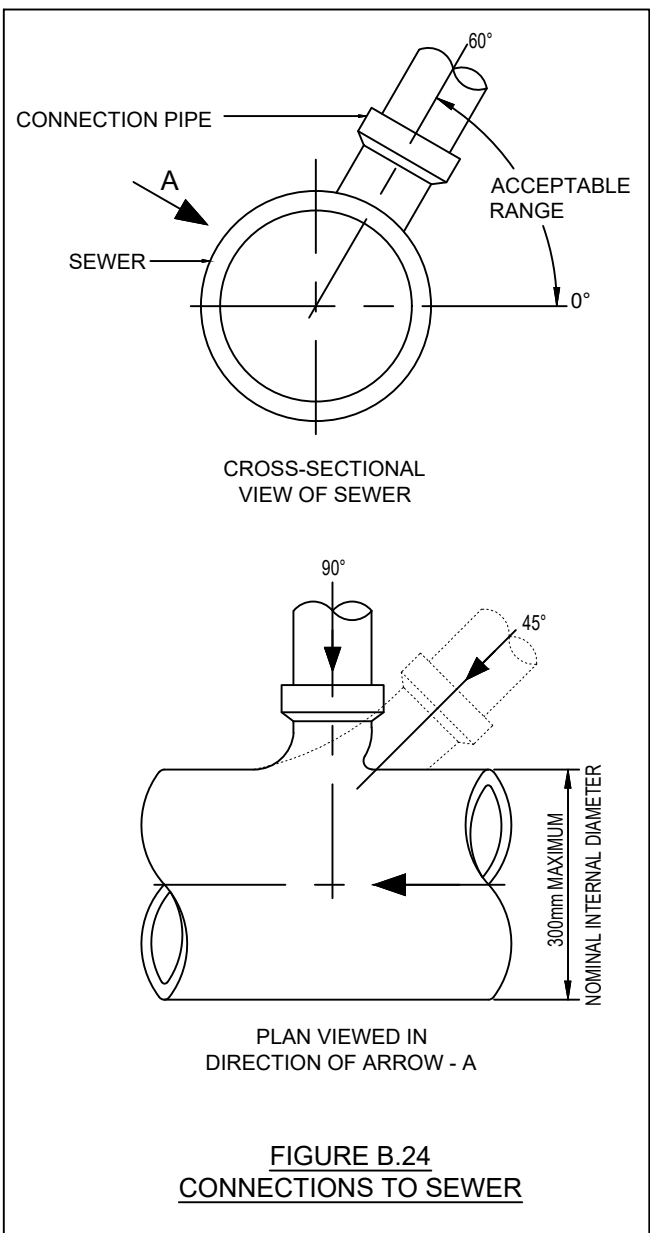
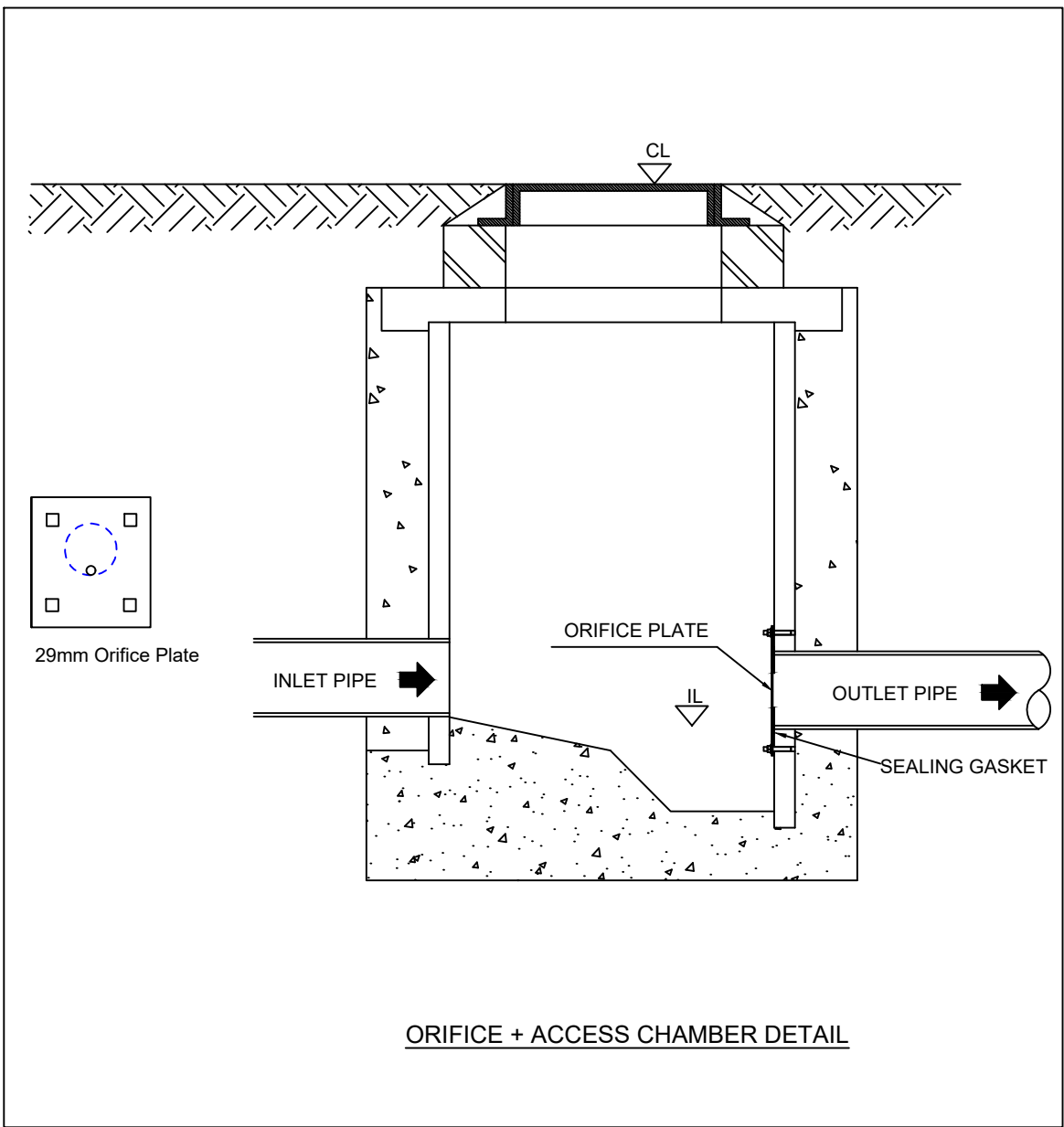
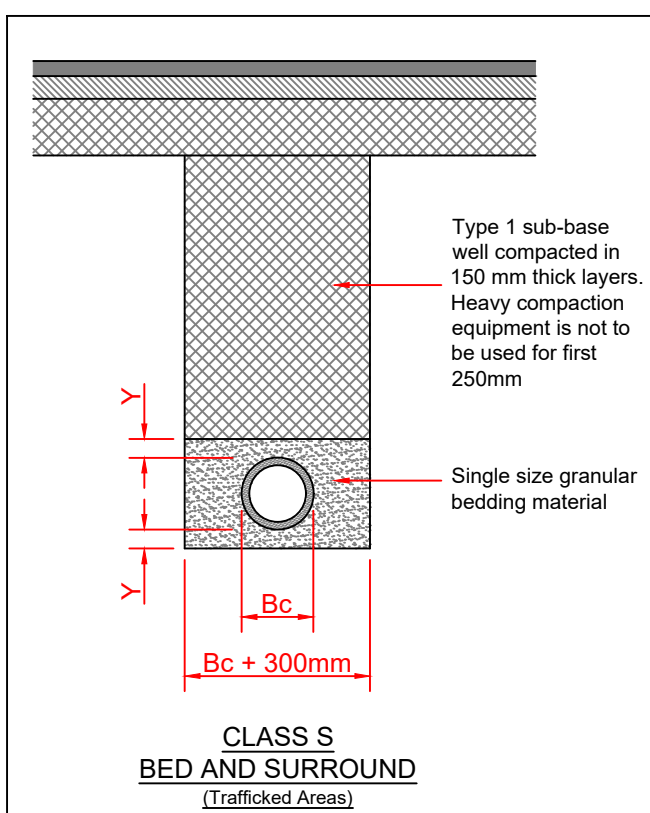
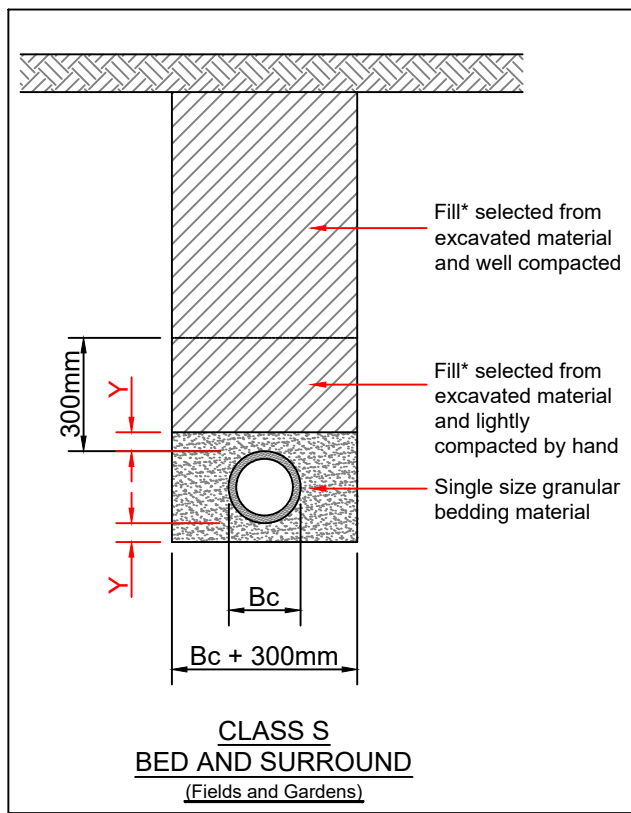
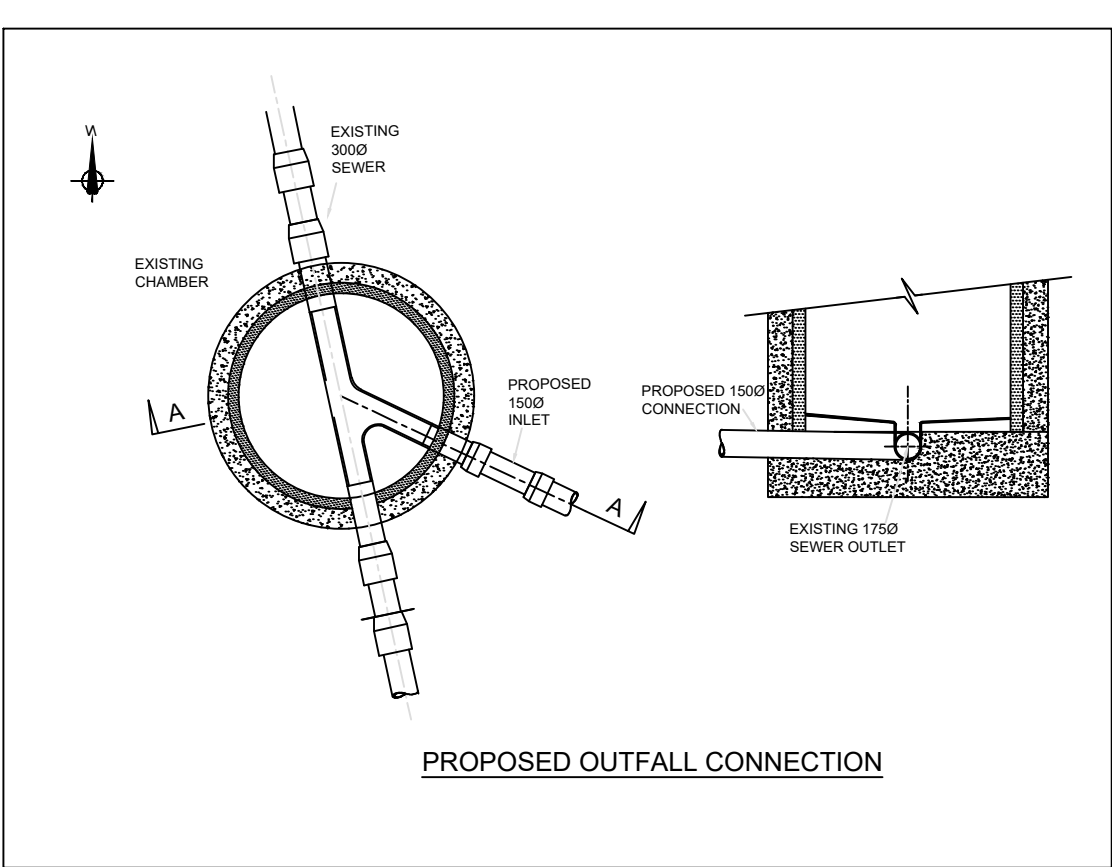
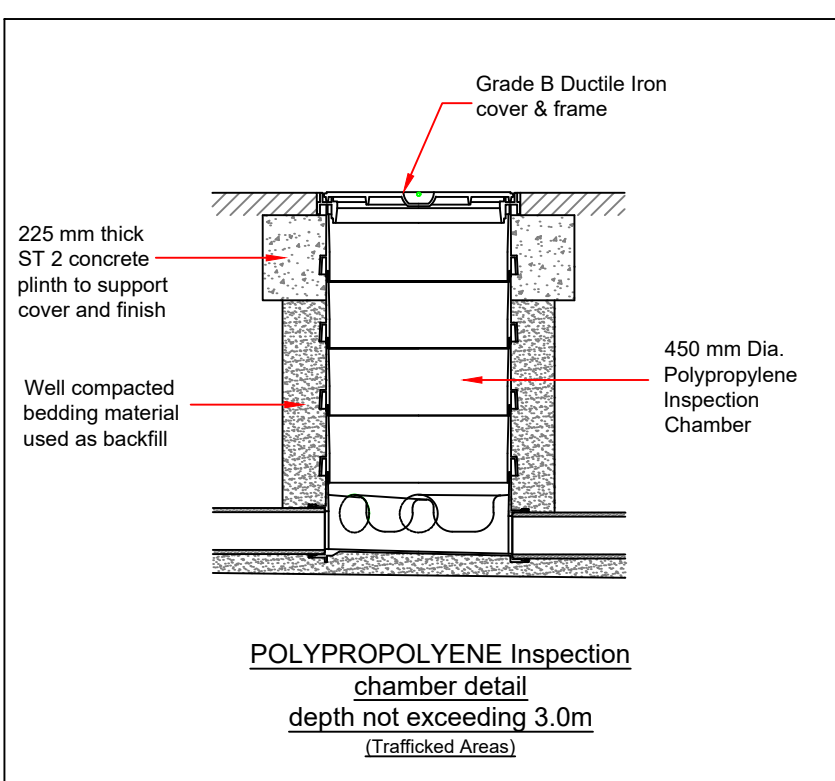
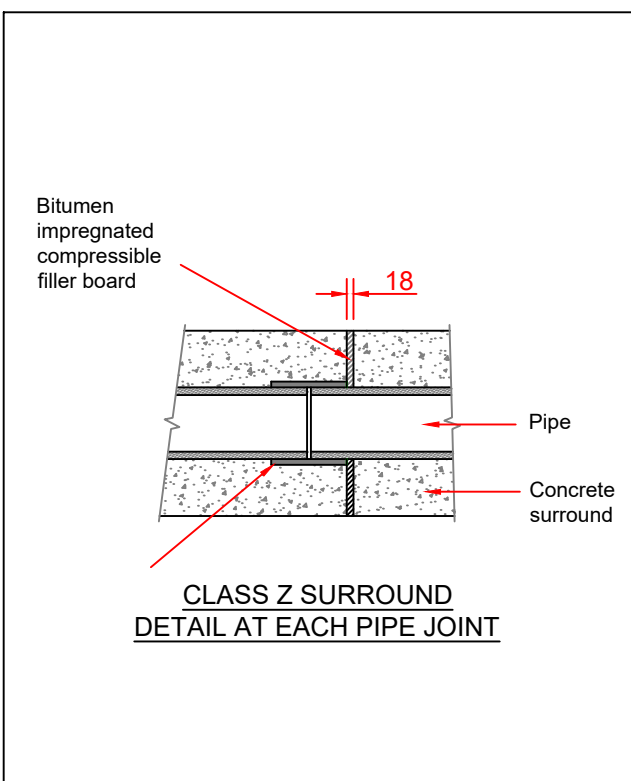
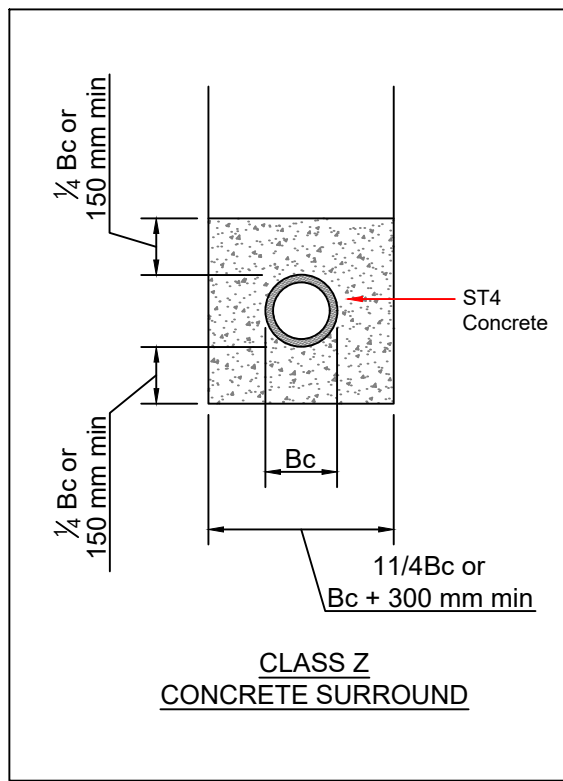
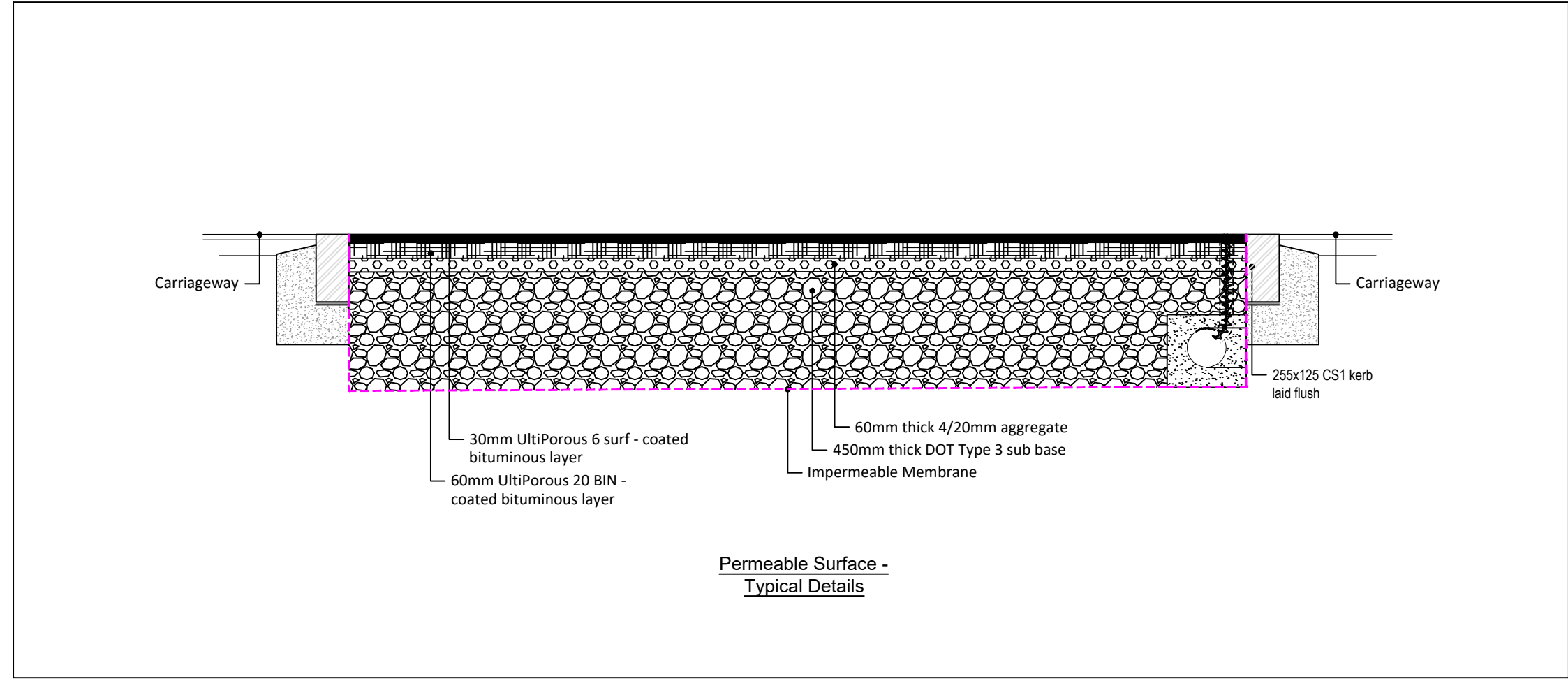
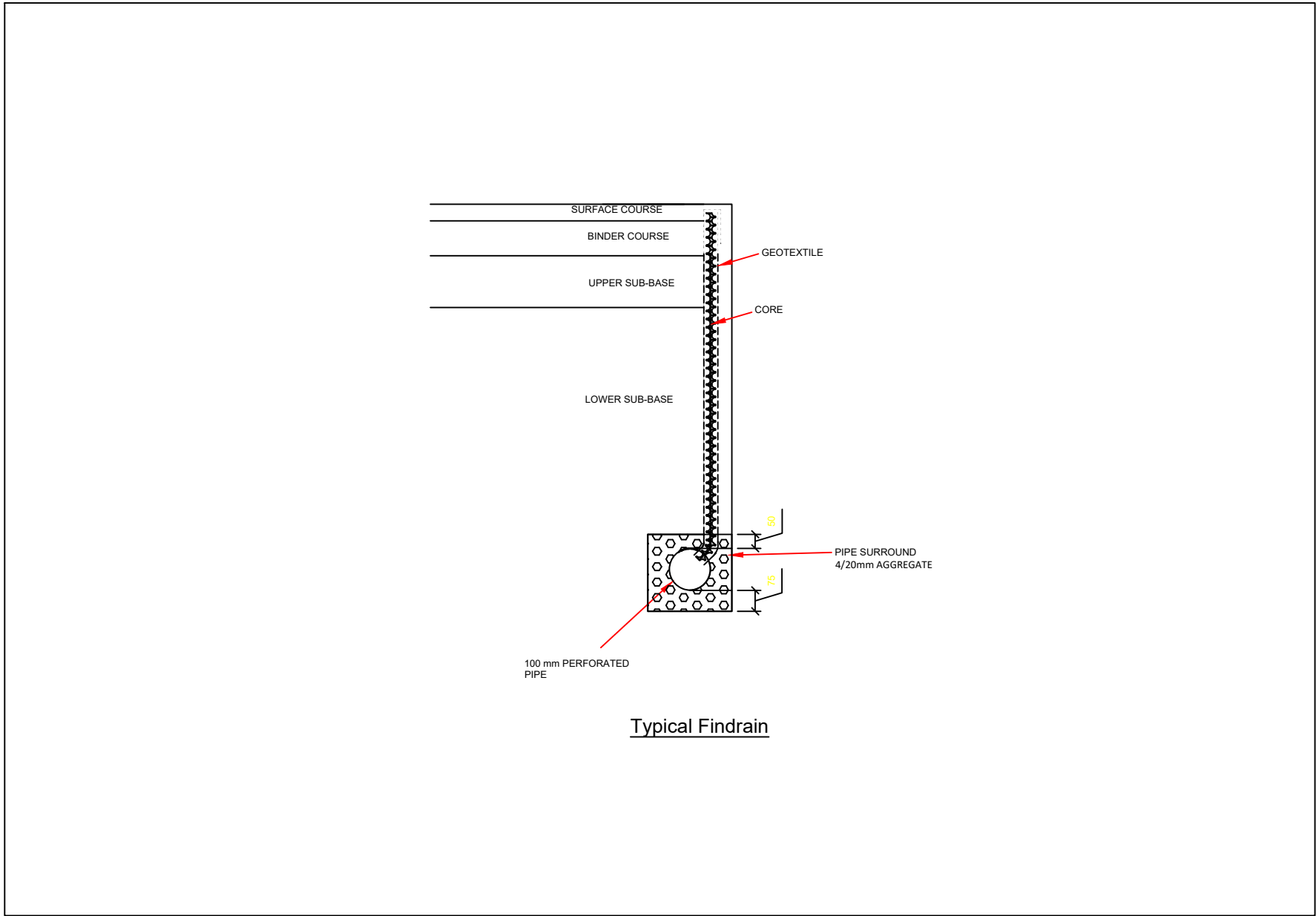
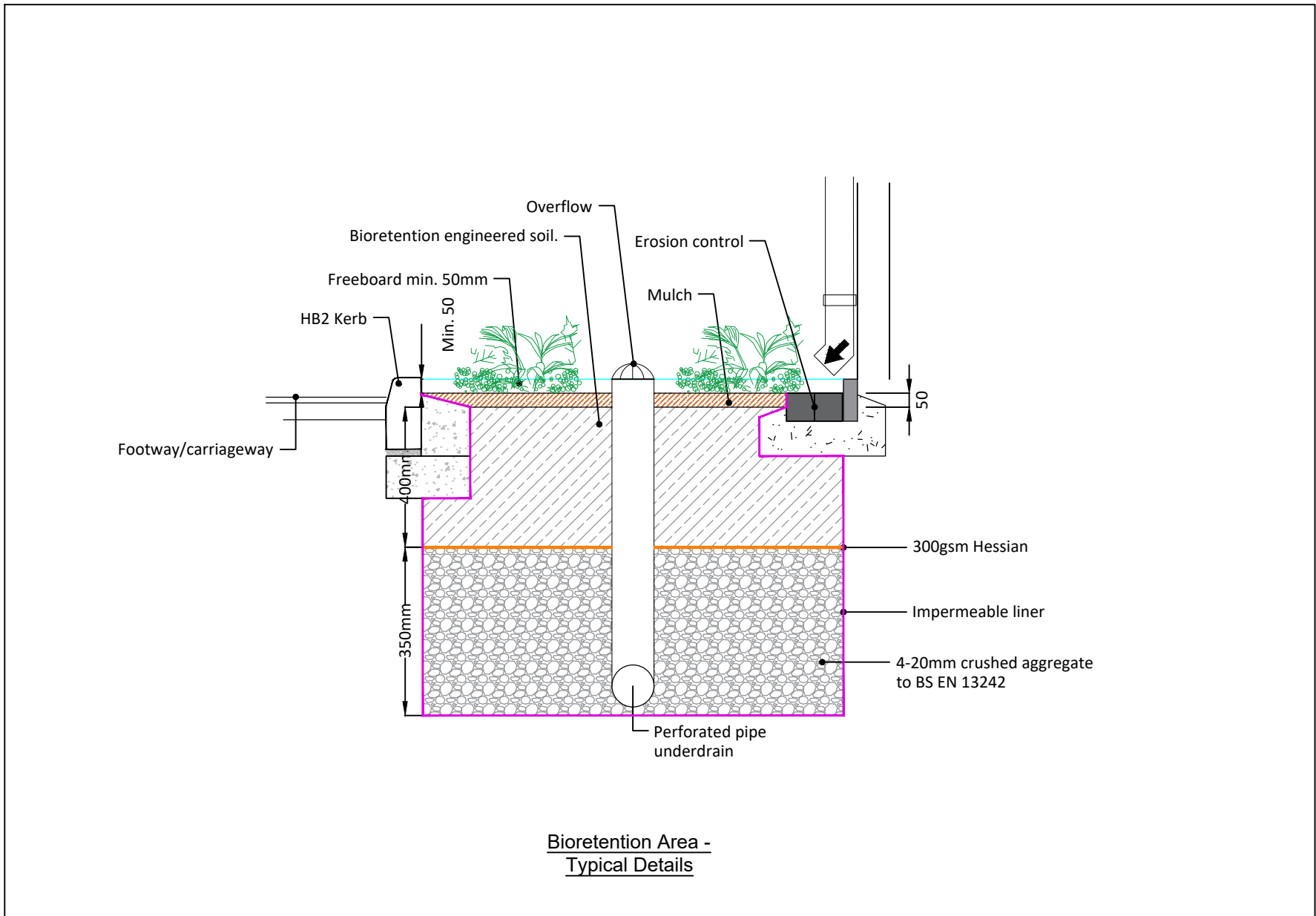




- NOTES :
1. THE MINIMUM DEPTH OF COVER FROM THE FINISHED SURFACE TO THE CROWN OF GRAVITY PIPES WITHOUT PROTECTION SHOULD BE AS FOLLOWS:
    - a. GARDENS AND PATHWAYS WITHOUT ANY POSSIBILITY OF VEHICULAR ACCESS - 0.5 m.
    - b. DRIVEWAYS, PARKING AREAS AND YARDS WITH HEIGHT RESTRICTIONS TO PREVENT ENTRY BY VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - 0.75m.
    - c. DRIVEWAYS, PARKING AREAS AND NARROW STREETS WITHOUT FOOTWAYS (E.G. MEWS DEVELOPMENTS) WITH LIMITED ACCESS FOR VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - 0.9 m.
    - d. DEPTHS OF SEWERS IN GATED ESTATES SHALL BE SIMILAR TO THAT OUTLINED ABOVE.
    - e. AGRICULTURAL LAND AND PUBLIC OPEN SPACE - 0.9 m.
    - f. OTHER HIGHWAYS AND PARKING AREAS WITH UNRESTRICTED ACCESS TO VEHICLES WITH A GROSS VEHICLE WEIGHT IN EXCESS OF 7.5 TONNES - 1.2m.
  2. WHERE COVER TO PIPES DOES NOT MEET MINIMUM DEPTHS STATED IN NOTE 2. PROVIDE 150mm OF C16/20 CONCRETE SURROUND WITH 18mm VERTICAL MOVEMENT JOINT AT MAX INTERVAL OF 6m.
  3. SELECTED FILL SHOULD BE FREE FROM STONES LARGER THAN 37mm, LUMPS OF CLAY OVER 75mm, TIMBER, FROZEN MATERIAL AND VEGETABLE OR FOREIGN MATTER AND MAY BE USED WHEN THE PIPE IS LOCATED GREATER THAN 1m FROM THE PAVED EDGE OF THE ROADWAY.
  4. PIPES SHALL NOT BE SUPPORTED ON STONES, ROCKS OR ANY HARD OBJECTS AT ANY POINT ALONG THE TRENCH. ROCK SHALL BE EXCAVATED TO A DEPTH OF 150mm BELOW THE ACTUAL DEPTH OF THE TRENCH WITH THE VOID FILLED WITH CLAUSE 804 MATERIAL IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS. THE GRANULAR MATERIAL SHALL BE LAID ABOVE THIS VOID BACKFILL MATERIAL.
  5. ALL PIPELINES ARE TO BE TESTED IN ACCORDANCE WITH THE SPECIFIED WATER OR AIR TEST.
  6. NON DEGRADABLE MARKER TAPE SHOULD BE INSTALLED AT TOP OF PIPE BEDDING LAYER. IN THE CASE OF NON METAL PIPE MATERIAL, THE MARKER TAPE SHOULD INCORPORATE A TRACE WIRE WHICH IS LINKED TO FITTINGS AND TERMINATED AT THE DISCHARGE MANHOLE. REFER TO CHAPTER 6 OF THE 'GUIDELINES FOR MANAGING OPENINGS IN PUBLIC ROADS' FOR GUIDANCE ON MARKER TAPE COLOUR AND DUCT TYPE / COLOUR TO BE USED ON SITE.
  7. IN SOFT GROUND CONDITIONS (CBR < 5) THE MATERIAL SHOULD BE EXCAVATED UNTIL CBR > 5 AND DISPOSED OF IN ACCORDANCE WITH THE WASTE MANAGEMENT ACT AND CLAUSE 804 MATERIAL IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS SHALL REPLACE THE EXCAVATED MATERIAL, WRAPPED IN GEOTEXTILE WRAPPING. ALTERNATIVELY, SPECIAL PIPE SUPPORT ARRANGEMENTS, INCLUDING PILING ETC. MAY BE PROPOSED SUBJECT TO APPROVAL.
  8. CLAUSE 803 MATERIAL IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS IS TO BE USED AS BACKFILL MATERIAL WHERE THE SEWER MAIN IS LOCATED IN ROADS, FOOTPATHS OR WHEN THE NEAREST PART OF THE TRENCH IS WITHIN 1m OF THE PAVED EDGE OF THE ROADWAY. CLAUSE 803 IS TO BE COMPACTED AS PER CLAUSE 802 OF THE SPECIFICATION FOR HIGHWAY WORKS.

Details updated due to new General Arrangement

|                                   |                    |
|-----------------------------------|--------------------|
| KF                                | 12.08.26           |
| Manyion Addysiad/Revision Details | GenBy Dyddiad/Date |
| Client/ Client                    | Addysiad/ Revision |

Merthyr Tydfil  
County Borough Council

Project/ Project  
Abermorlais  
Solar Car Park

Teil y Llyn/ Dwg Title  
Typical Construction Details

|                                         |                                |                                     |
|-----------------------------------------|--------------------------------|-------------------------------------|
| Rhif y Project/ Project No.<br>P5001266 | Graddfa/ Scale @ A1<br>N.T.S.  | Dyddiad/ Date<br>12/08/26           |
| Rhif y Llyn/ Dwg No.<br>P5001266 -05    | Addysiad/ Revision<br>P01      |                                     |
| Paratowyd gan/ Prepared by:<br>KF       | Gwilydd gan/ Checked by:<br>HC | Cymeradwydd gan/ Approved by:<br>HC |

  
Cynghor Bwrdeistref Sirol/  
MERTHYR TYDFIL  
County Borough Council

Yr Is-adran Beirnianneg/ Engineering Division  
Merthyr Tydfil Cynghor Bwrdeistref Sirol/  
Merthyr Tydfil County Borough Council  
Uned 5/ Unit 5  
Parc Busnes Triongl/ Triangle Business Parc  
Penrhobach  
Merthyr Tydfil/ Merthyr Tydfil  
CF48 4TO  
Ffôn/Tel: 01443 425001