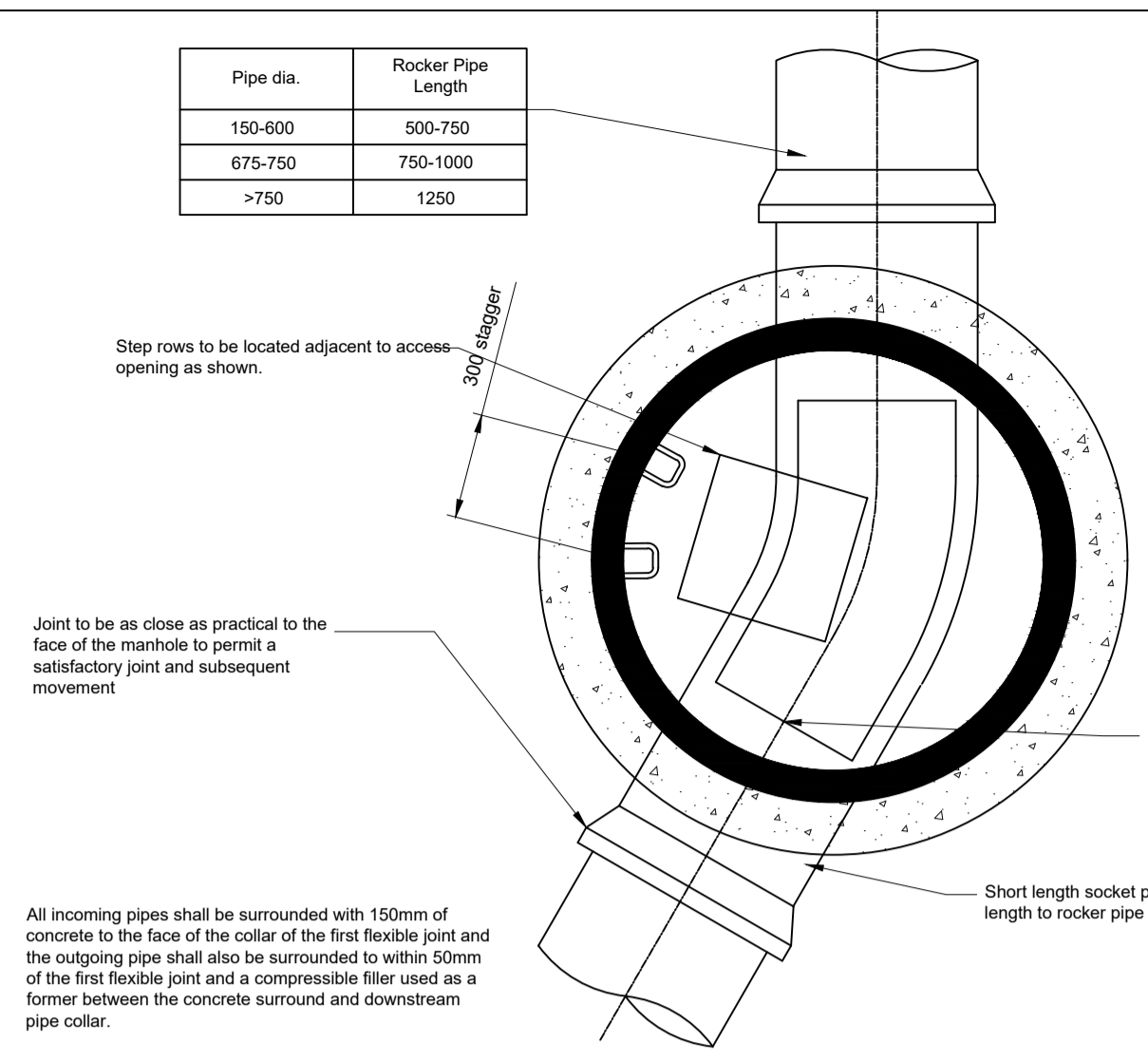
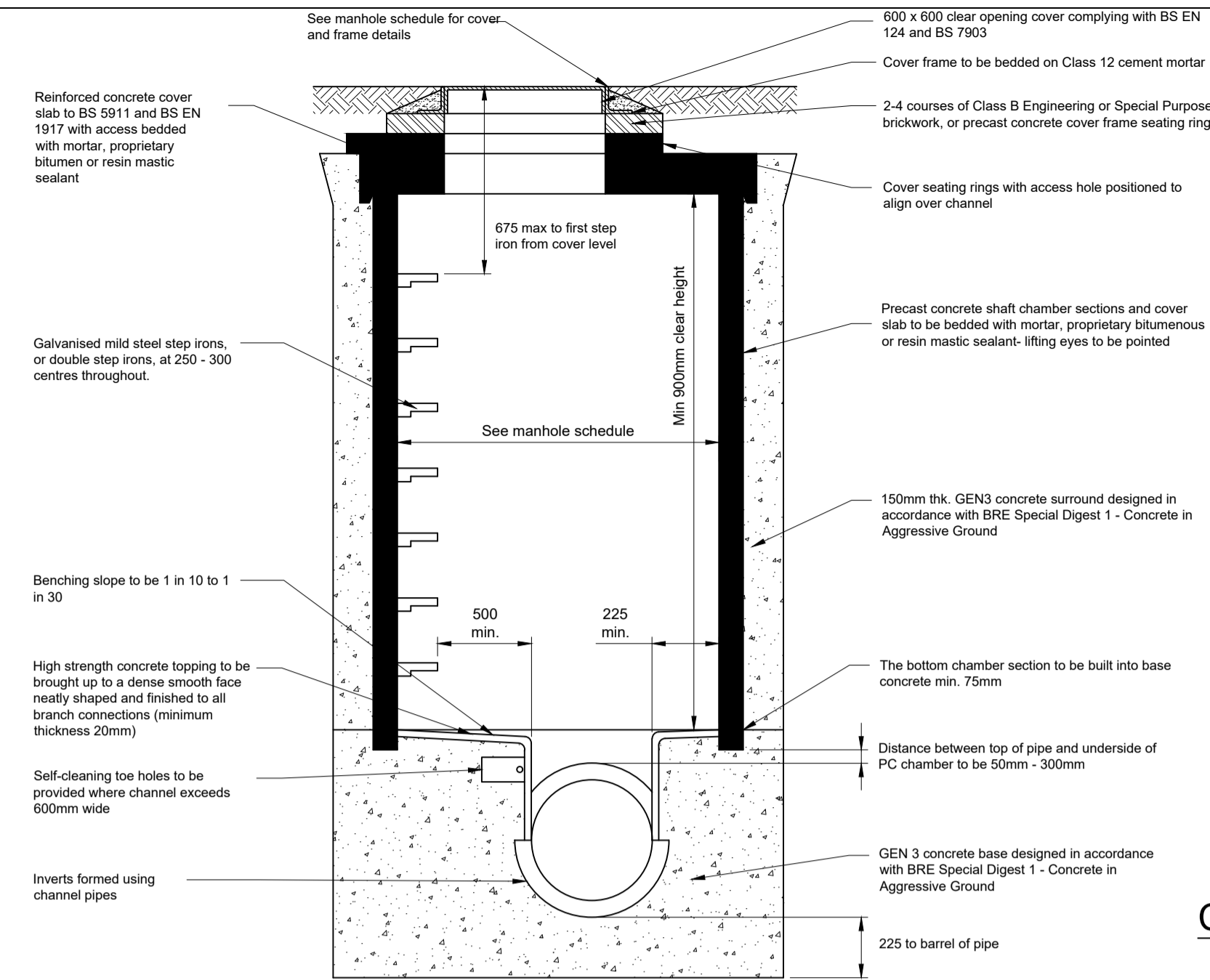


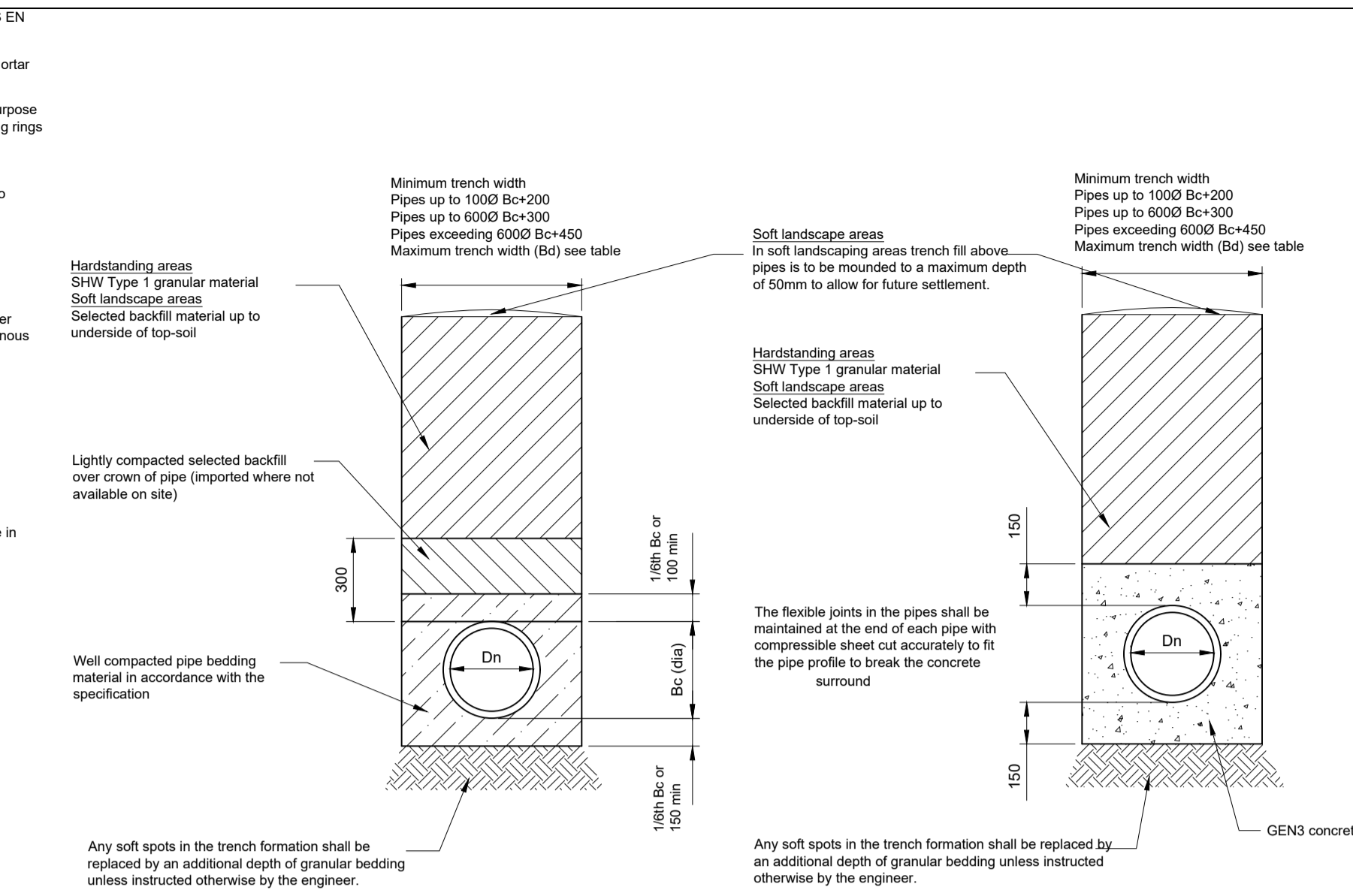
Pipe dia.	Rocker Pipe Length
150-600	500-750
675-750	750-1000
>750	1250



TYPICAL MANHOLE PLAN
(SCALE 1:20)

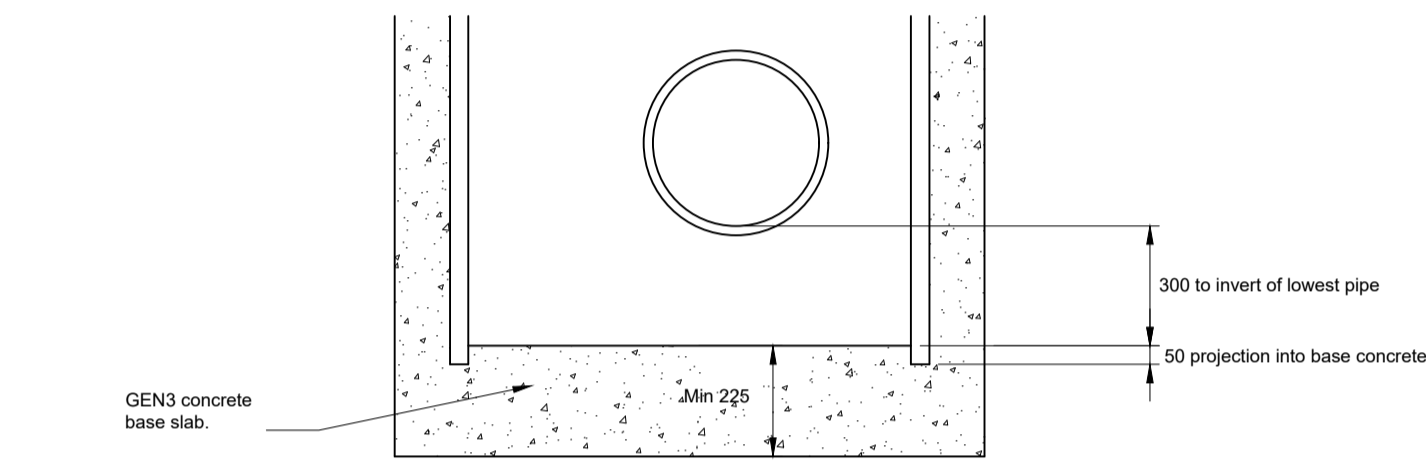


TYPICAL TYPE 2 CONCRETE MANHOLE (PCC) DETAIL
MAX. DEPTH FROM COVER LEVEL TO SOFFIT OF PIPE 3.0m
(SCALE 1:20)

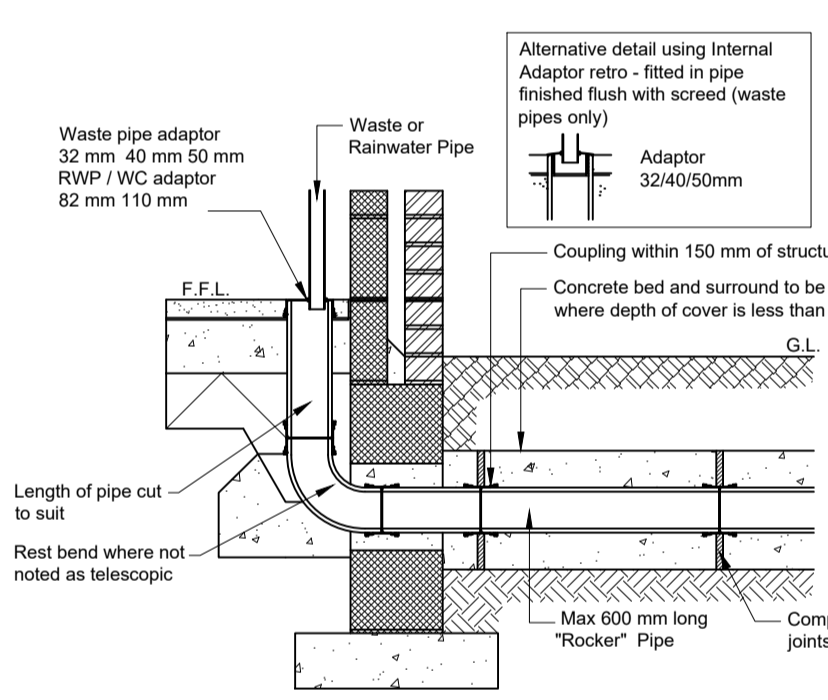


CLASS S - 360° GRANULAR SURROUND PIPE BEDDING DETAIL
(SCALE 1:20)

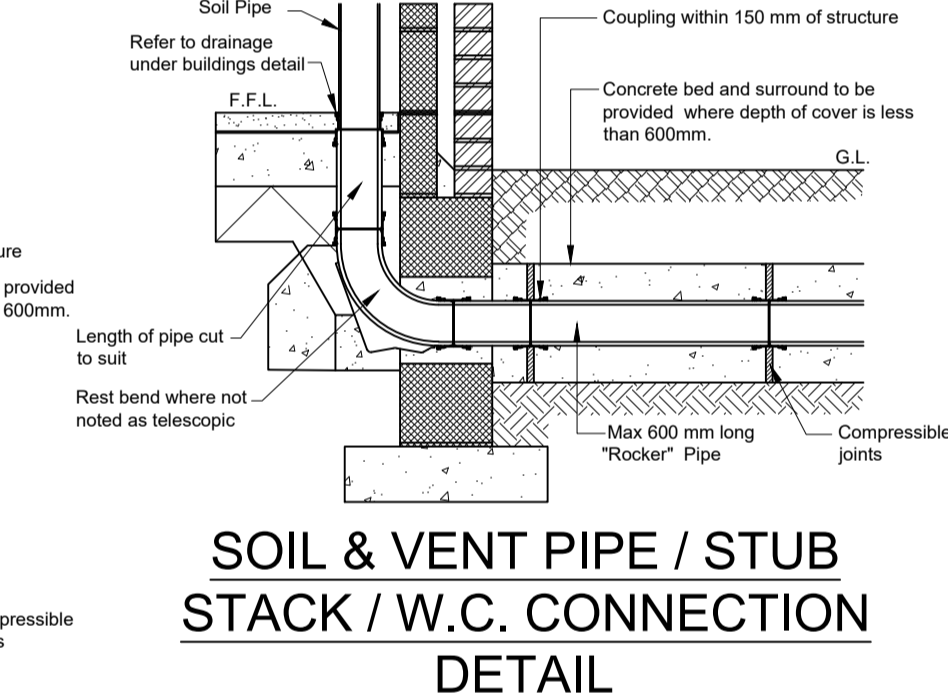
CLASS Z - CONCRETE BED AND SURROUND PIPE BEDDING DETAIL
(COVER < 900mm IN VEHICULAR LOADING AND OPEN FIELD.)
(COVER < 600mm ELSEWHERE EXCEPT UNDER BUILDINGS.)
(SCALE 1:20)



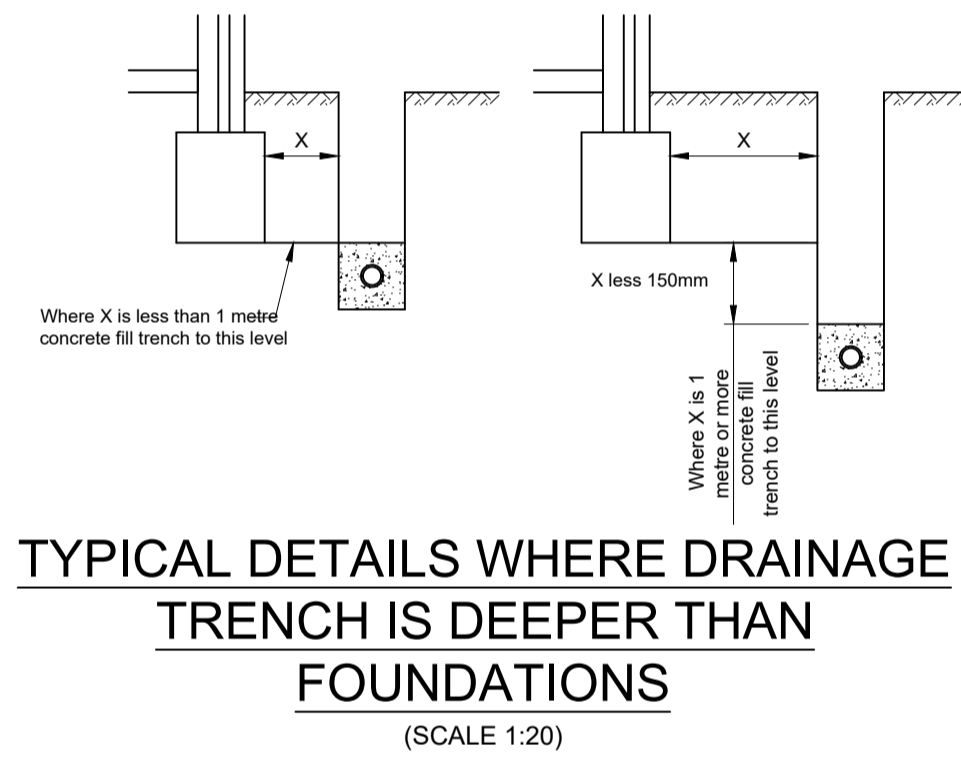
CATCH PIT (CP) DETAIL
(SCALE 1:20)



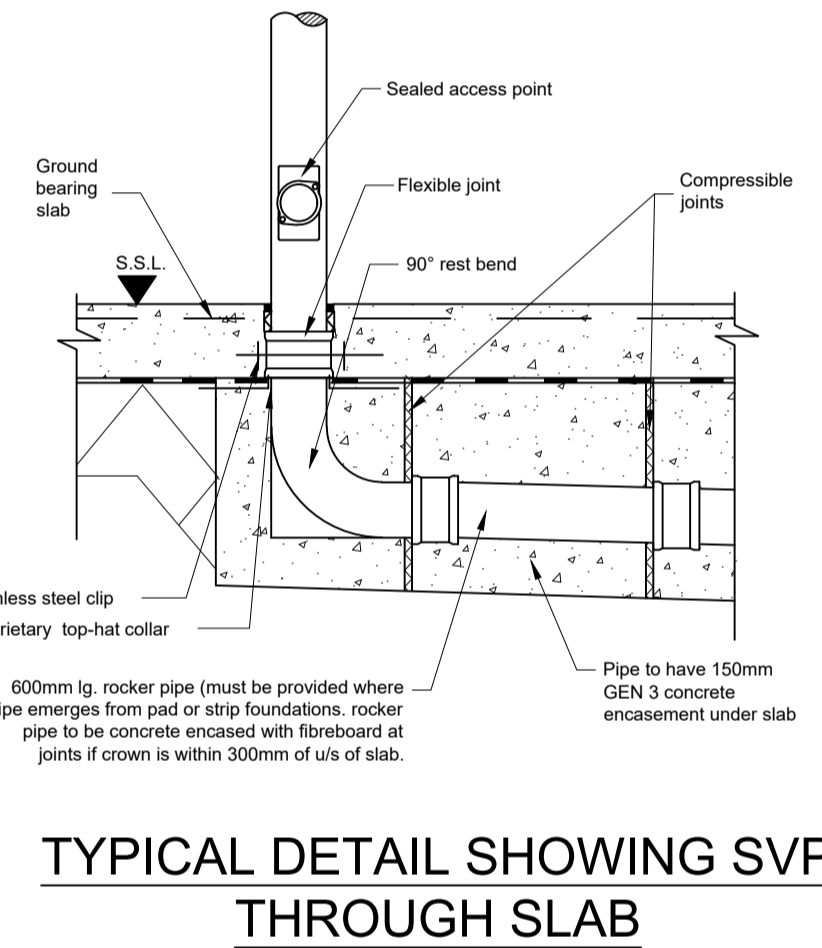
INTERNAL WASTE PIPE CONNECTION DETAIL
(SCALE 1:20)



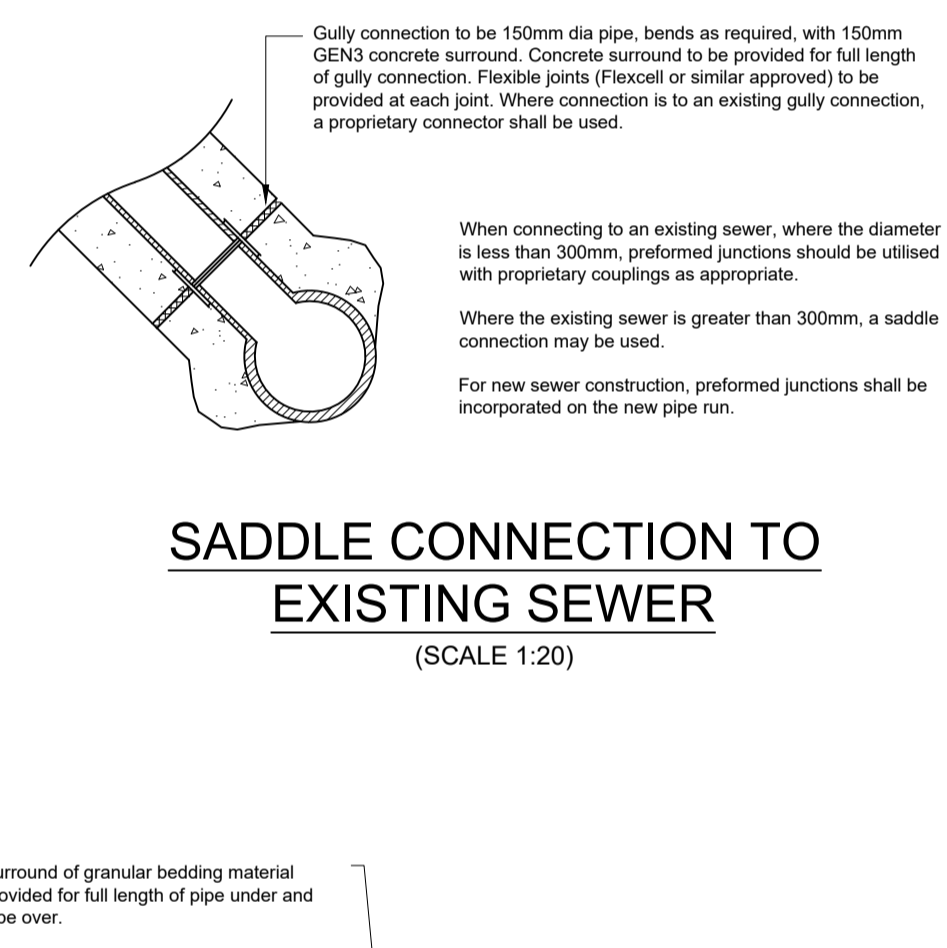
SOIL & VENT PIPE / STUB STACK / W.C. CONNECTION DETAIL
(SCALE 1:20)



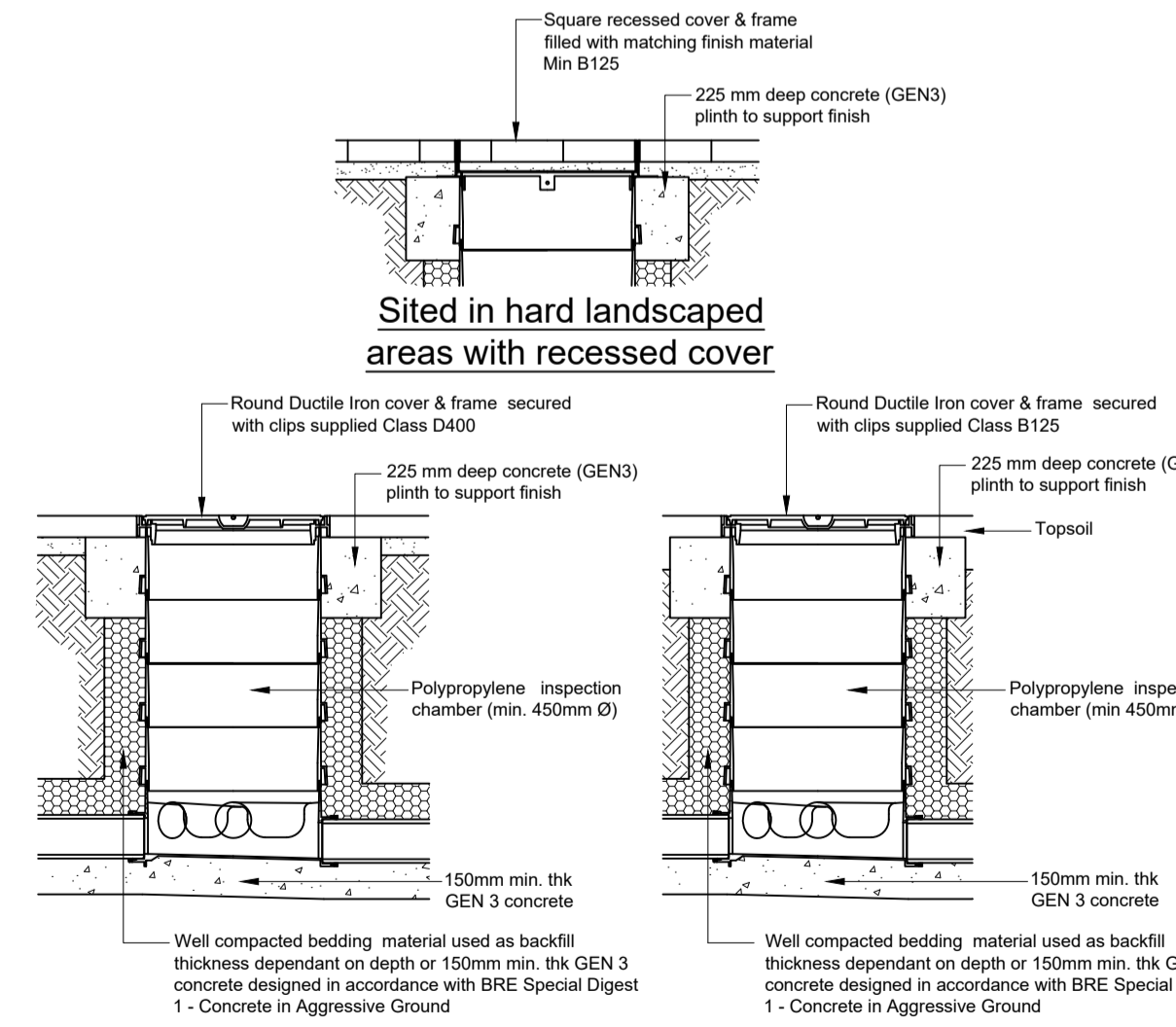
TYPICAL DETAILS WHERE DRAINAGE TRENCH IS DEEPER THAN FOUNDATIONS
(SCALE 1:20)



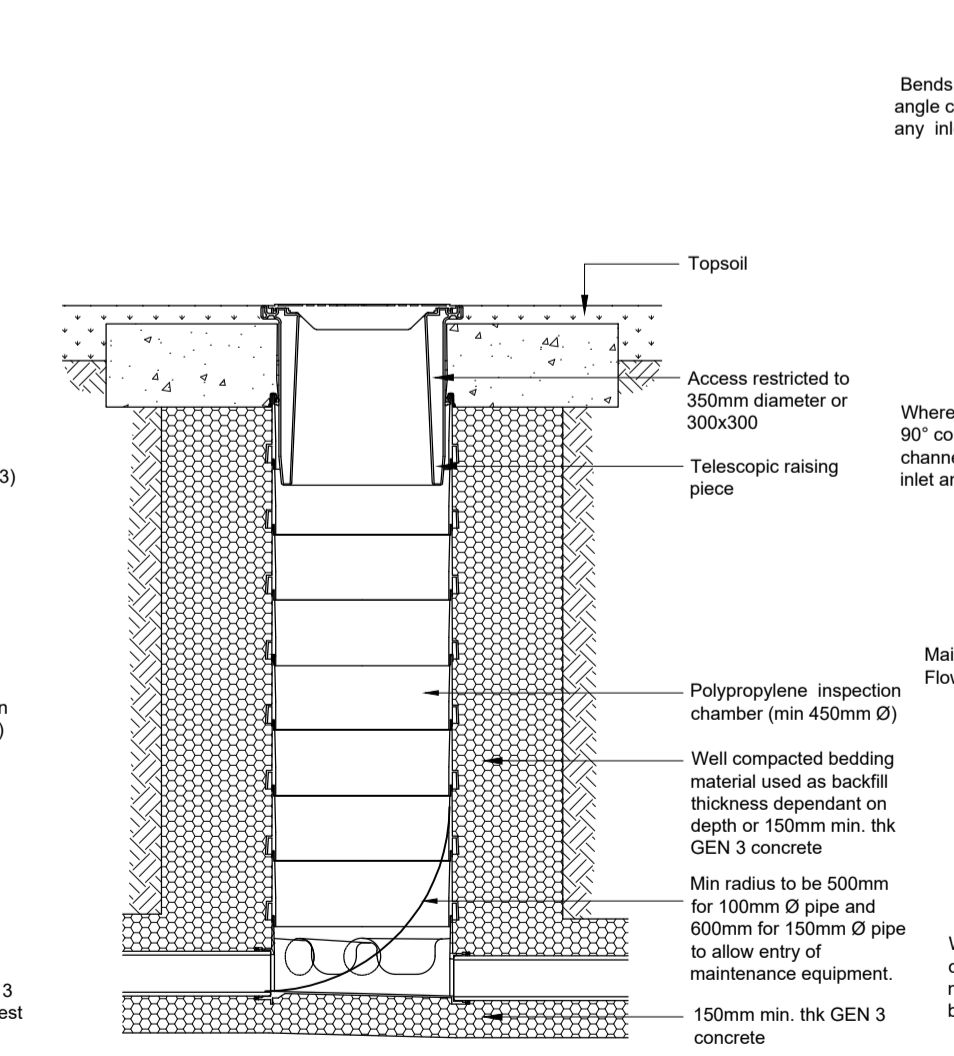
TYPICAL DETAIL SHOWING SVP THROUGH SLAB
(SCALE 1:20)



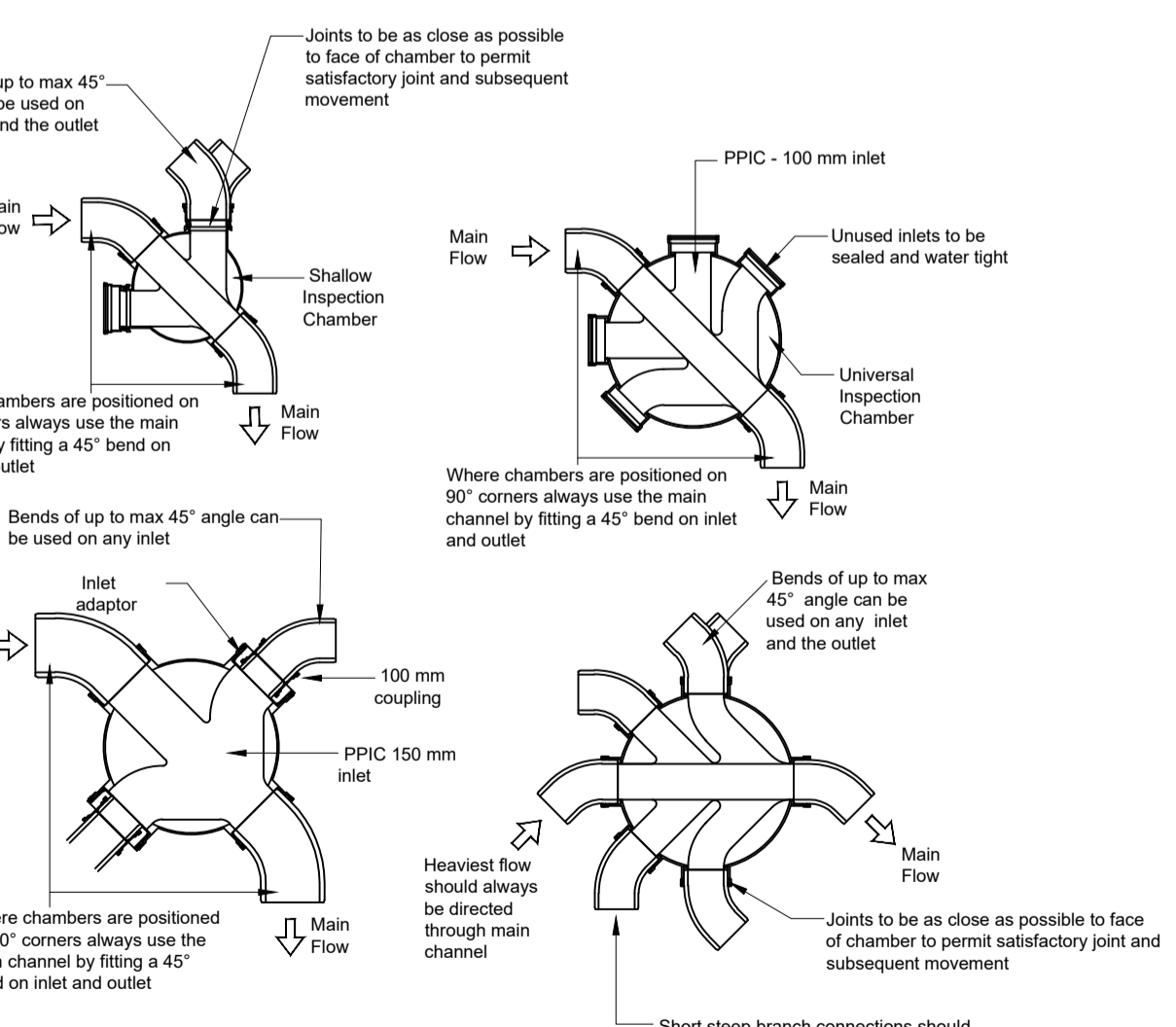
SADDLE CONNECTION TO EXISTING SEWER
(SCALE 1:20)



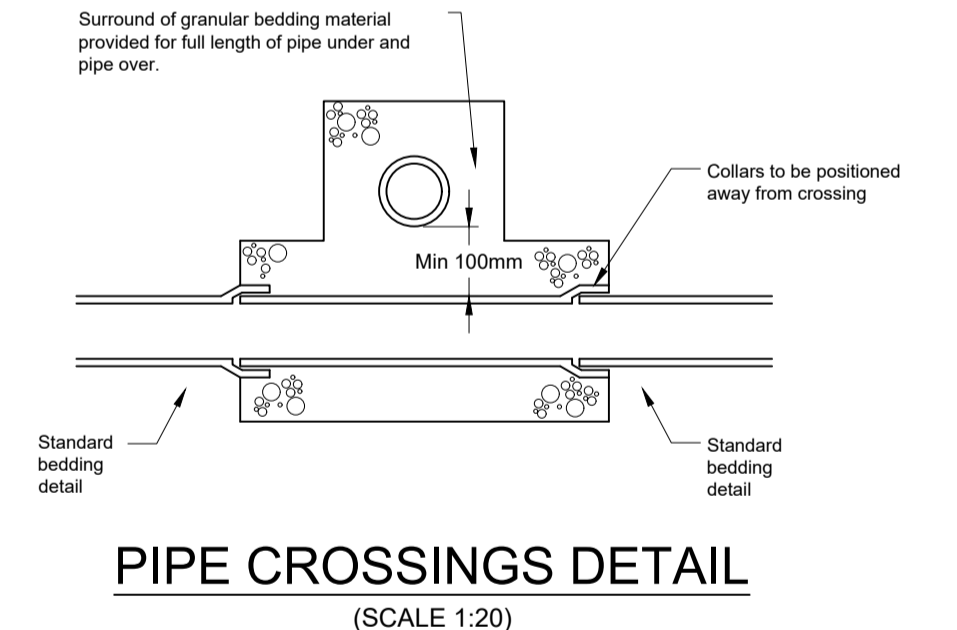
Sited in hard landscaped areas with recessed cover
Sited in soft landscaped areas with standard round cover



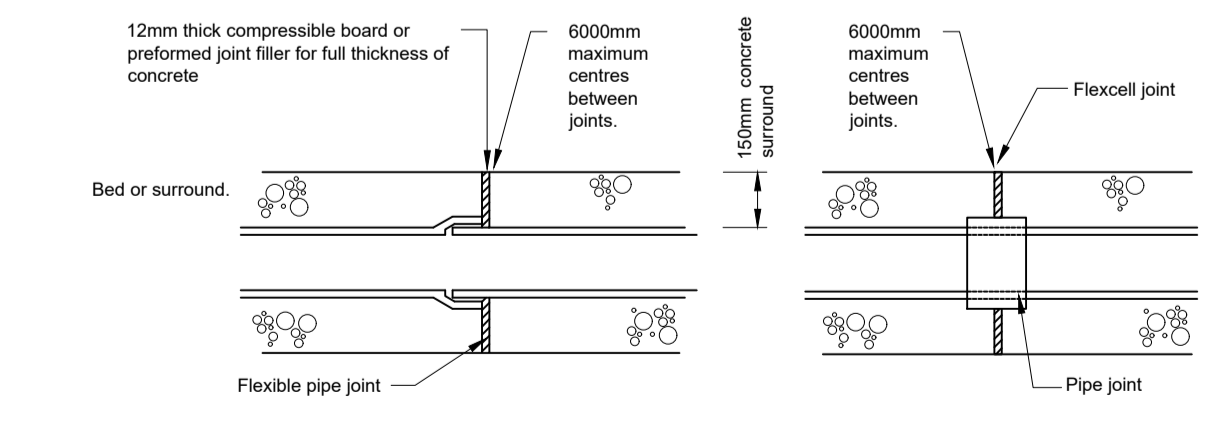
TELESCOPIC IC SITED IN SOFT LANDSCAPED AREAS
DEEP INSPECTION CHAMBER (PPIC) DETAIL
DEPTH BETWEEN 1.2m AND 3.0m
(SCALE 1:20)



INSPECTION CHAMBER (PPIC) BASE DETAILS
(SCALE 1:20)



PIPE CROSSINGS DETAIL
(SCALE 1:20)



EXPANSION JOINT FOR CONCRETE BED AND SURROUND
(SCALE 1:20)

DO NOT SCALE DRAWING - IF IN DOUBT, ASK

- GENERAL**
- Do not scale from drawing.
 - All dimensions are in metres, unless stated otherwise.
 - This drawing to be read & printed in colour.
 - This drawing to be read in conjunction with other contract drawings.
- CONSTRUCTION**
- Works shall comply with the current Department of Transport Specification for Highway Works.
 - Filling of voids formed by site clearance operations shall be measured under Series 600 of the Specification.
 - Contractor is to ensure that all voids are to be filled with granular sub base material Type 1.
 - All hard material broken out under the Contract is to be disposed of to contractor's tip.
- CDM (RISKS & HAZARDS)**
- Prior to commencement of construction the contractor is to liaise with all relevant statutory undertakers and protect / divert apparatus and to protect the workforce during the works. Any damage caused to the apparatus to be the responsibility of the contractor.
 - Contractor to undertake their own statutory plant checks on site prior to the commencement of excavation exercise.
 - The contractor is to make sure that any excavation should be adequately covered at night to protect both public and wildlife from becoming trapped.
 - Appropriate health and safety measures should be adhered to while working in close proximity to the existing overhead power lines.
- DISCLAIMERS**
- The information contained in this drawing is based on a combination of OS and survey data provided by others and we shall not be liable for any inaccuracies or deficiencies.

P1	AN	AN	10.12.19	Preliminary Issue
Rev	Drawn	App'd	Date	Revision Description

Issue PRELIMINARY

Client

Project
1 Hampshire Street London

Title
Drainage Standard Details

Scale: NTS	Drawn By: A Norris
Date: Dec '19	Checked By: A Norris
Orig. No. J1769-6002	Rev. P1