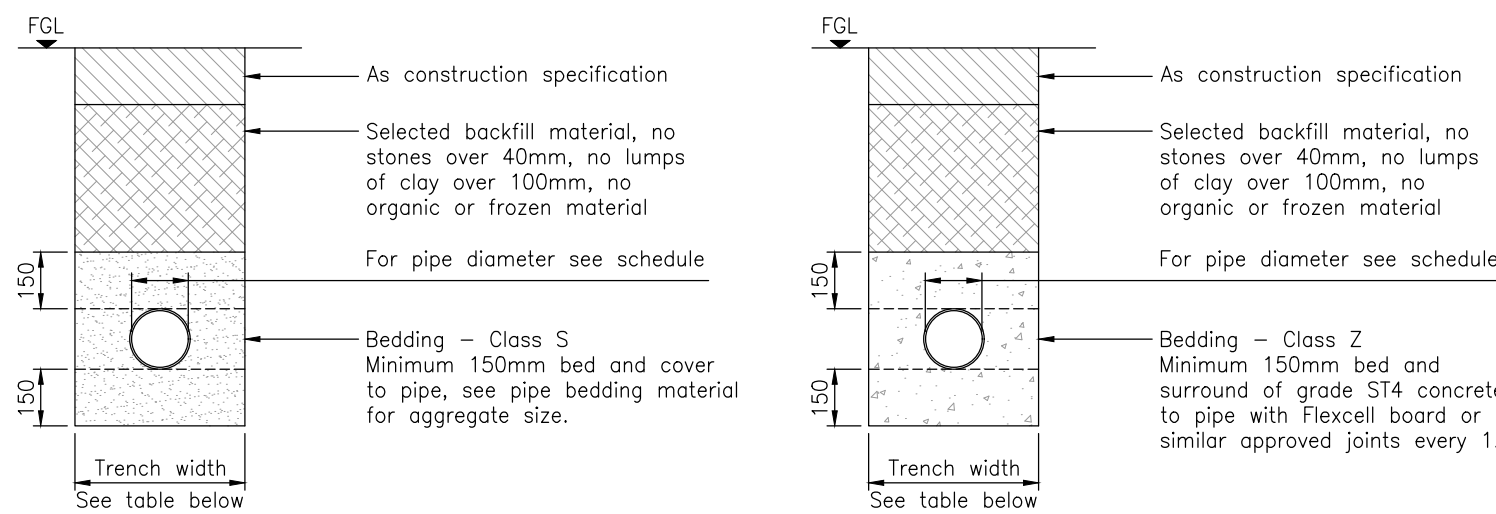
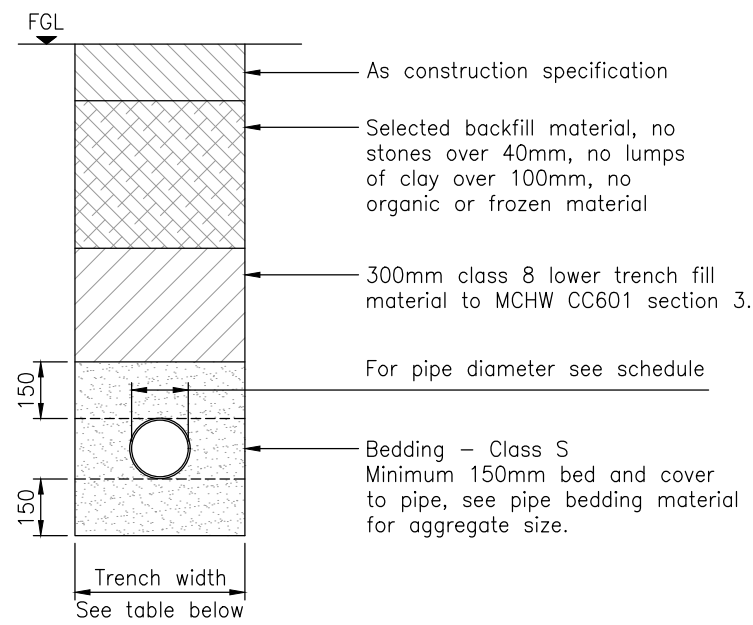




Pipe Bedding – Class S
Areas not subject to vehicle loadings.
Use in private gardens, landscaped areas etc.

Pipe Bedding – Class Z
Areas subject to vehicle loadings.
Less than 1.2m cover to pipe.



Pipe Bedding – Class S
Areas subject to vehicle loadings.
Greater than 1.2m cover to pipe

Pipe bedding material – Class S	
Pipe Ø (mm)	Suitable Materials
100	10mm nominal single sized aggregate
150	10 to 14mm nominal single sized aggregate
225 to 525	10 to 14mm or 20mm nominal single sized aggregate
Over 525	10, 14, 20 or 40mm nominal single sized crushed rock.

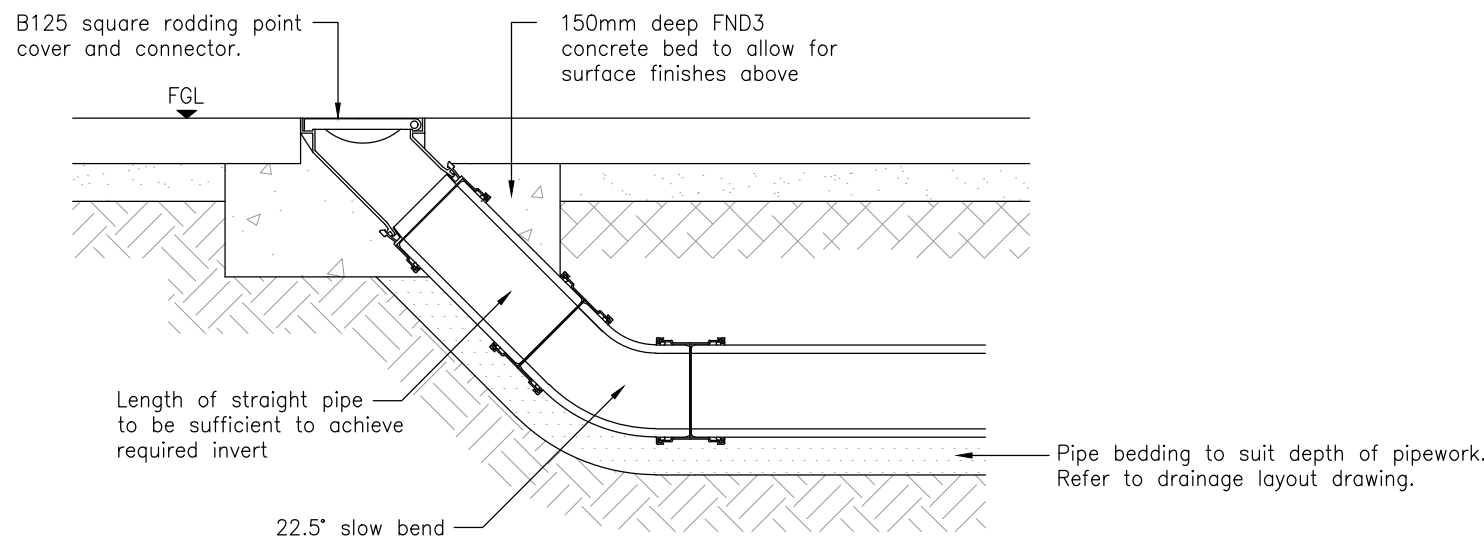
Trench width	
Pipe Ø (mm)	Trench width (mm)
100	450
150	450
225	600
300	600
375	750
450	750
525	900
600	900
750	1200
900	1350
1050	1500

Pipe surround material shall where required, be placed and compacted over the full width of the trench in layers not exceeding 150mm before compaction, to a finished thickness of 300mm above the crown of the pipe.

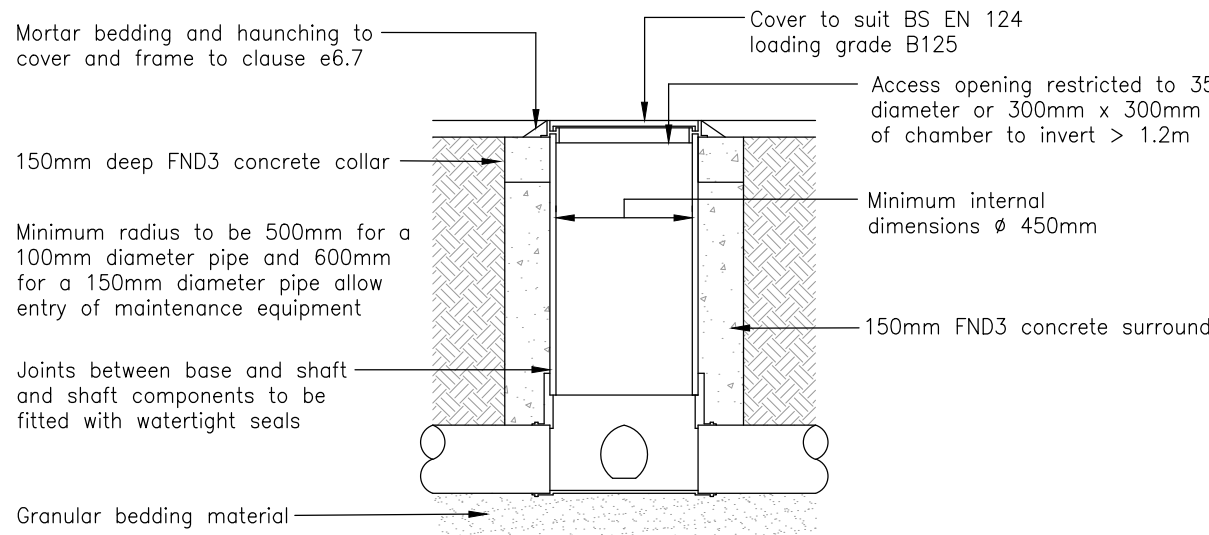
Where excavations have been supported and the supports are removed they shall be withdrawn progressively as backfilling proceeds in a manner that minimises the danger of collapse, all voids formed behind the supports are to be carefully filled and compacted.

Pipe jointing surfaces and components shall be kept clean and free from extraneous matter until the joints have been made or assembled, care should be taken to ensure that there is no ingress of grout or other material into the joint after the joint has been made.

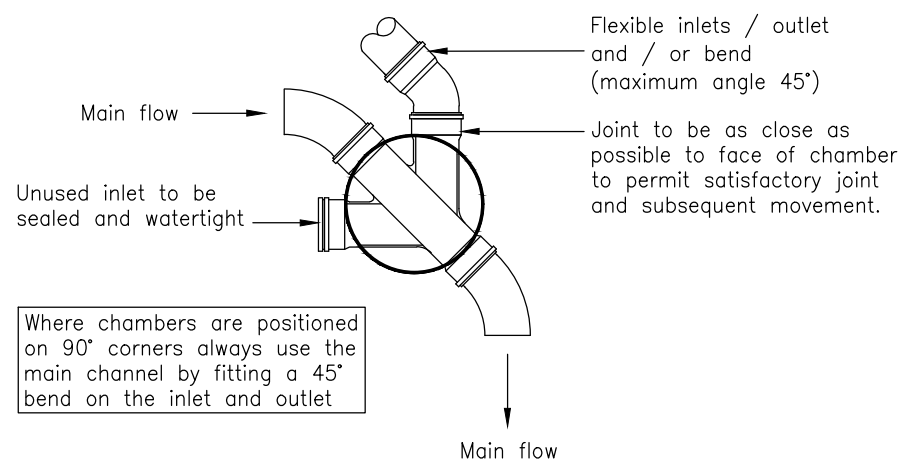
Pipes should be cut in accordance with the manufacturers recommendations to provide a clean square profile without splitting or fracturing the pipe wall and to ensure minimal damage to any protective coatings, where necessary, the cut ends of pipes shall be formed to the tapers and chamfers suitable for the type of joint to be used



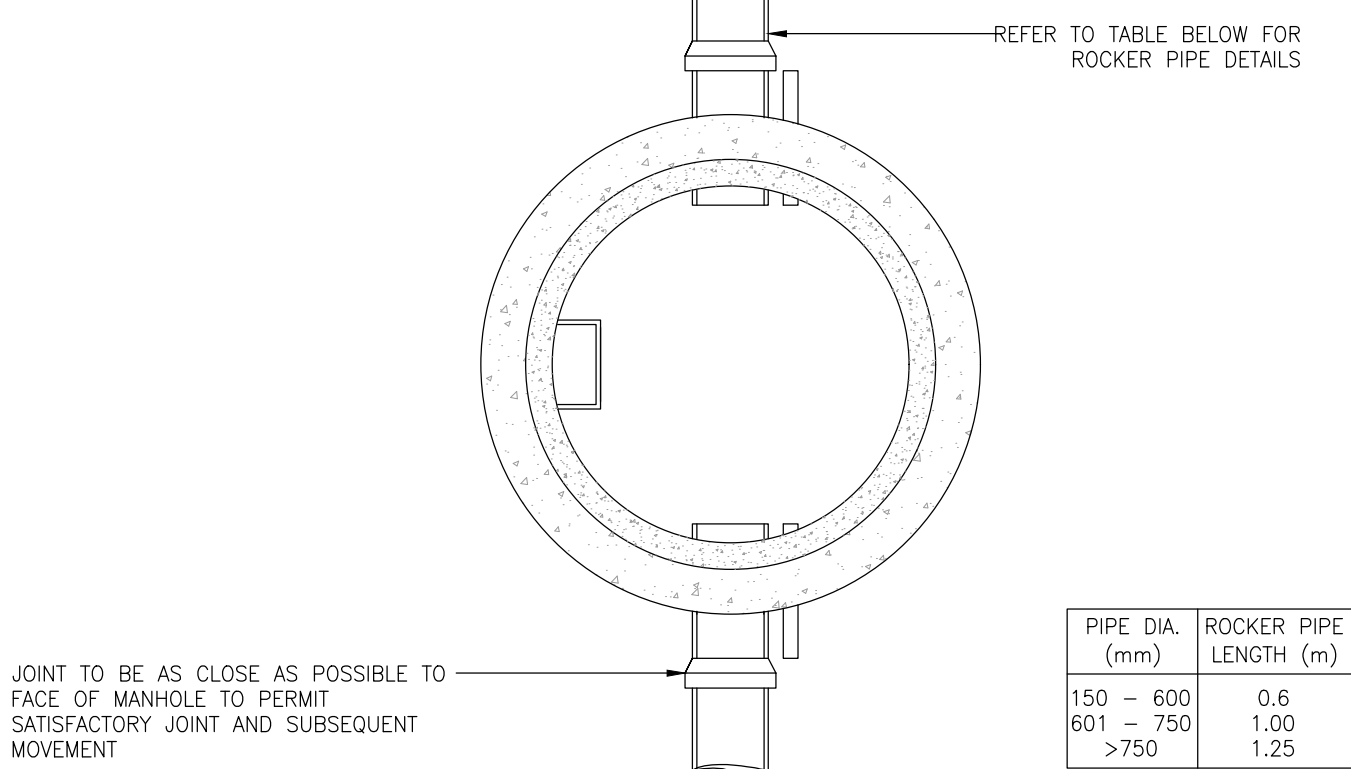
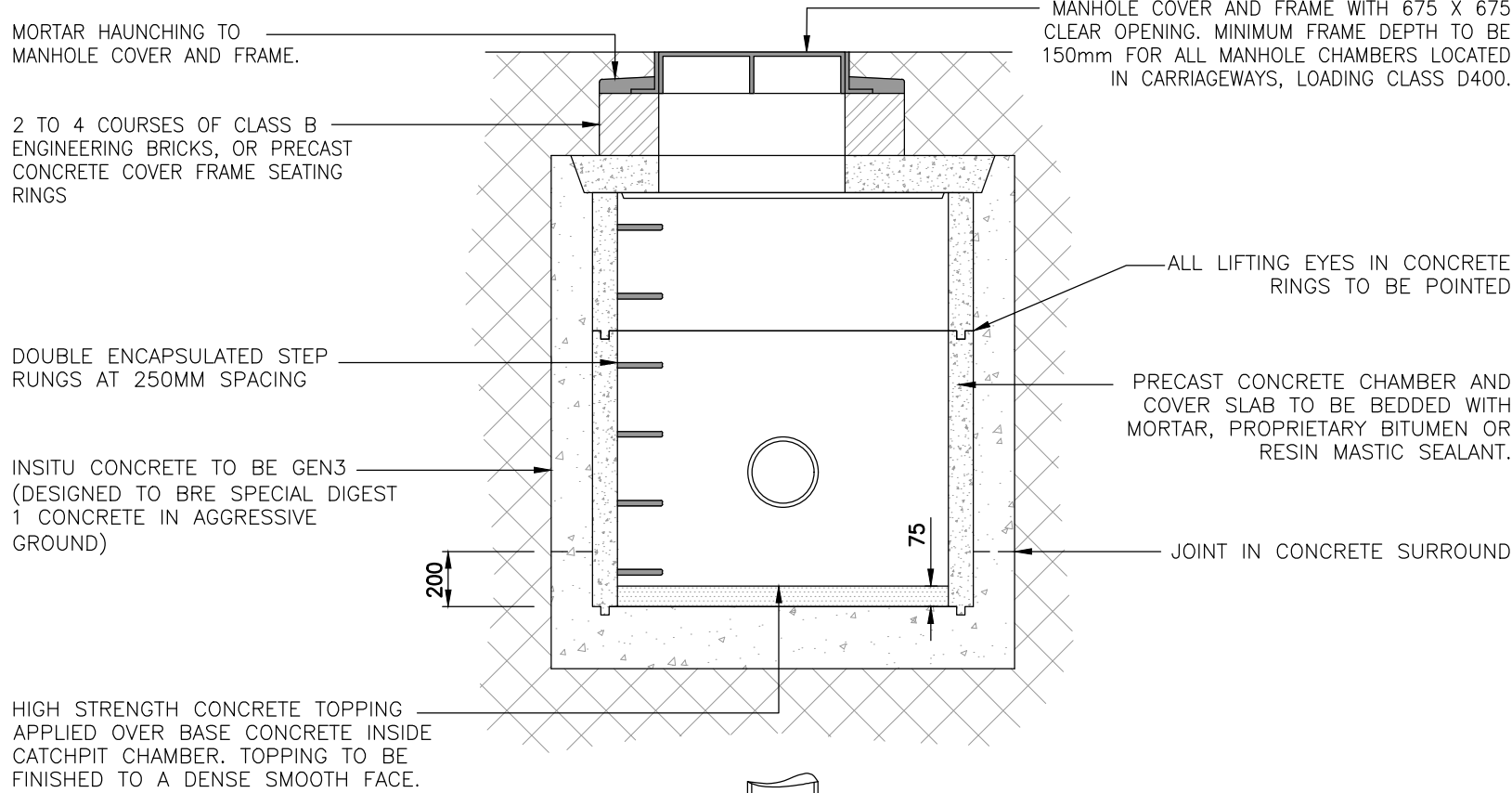
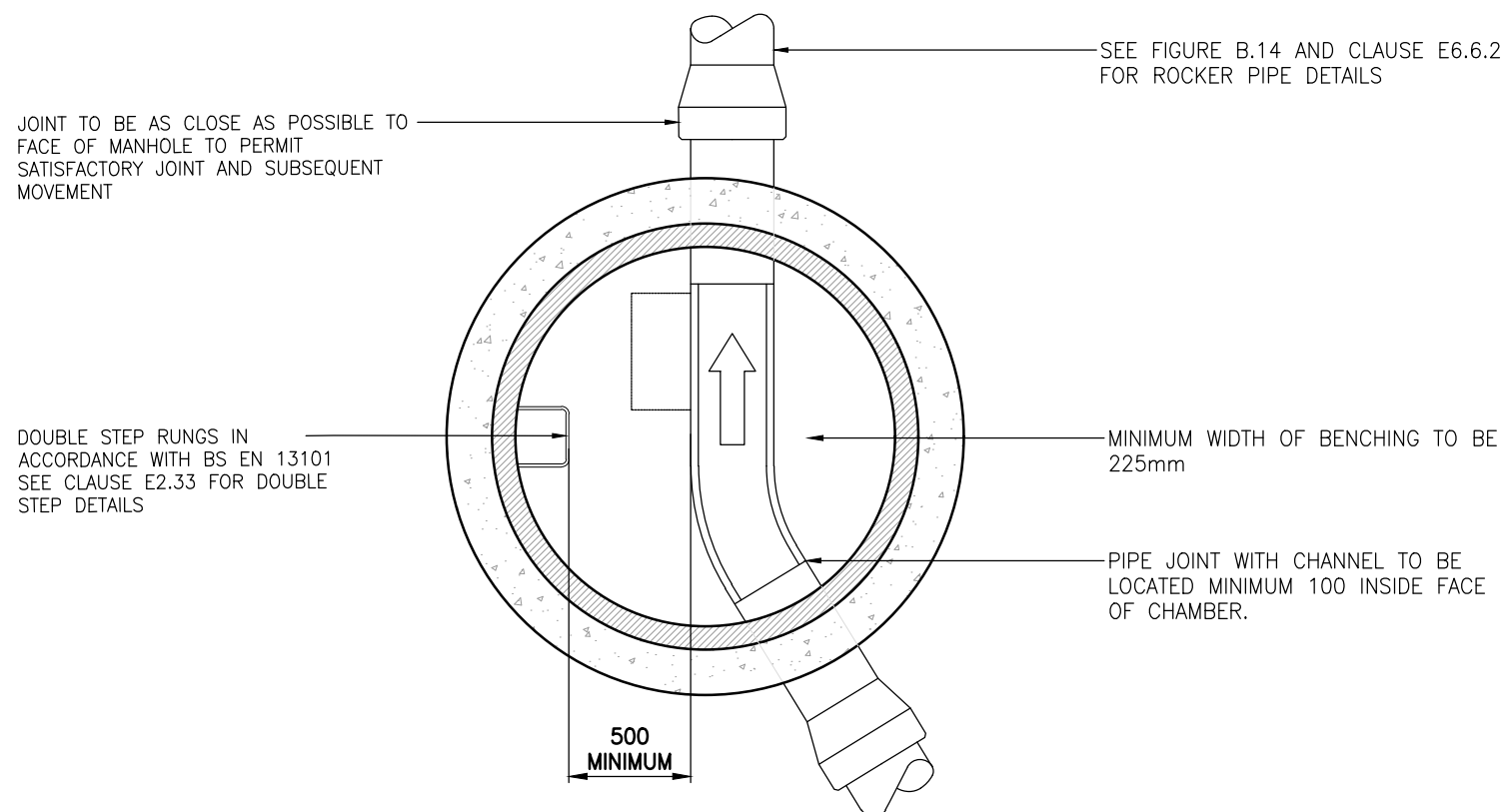
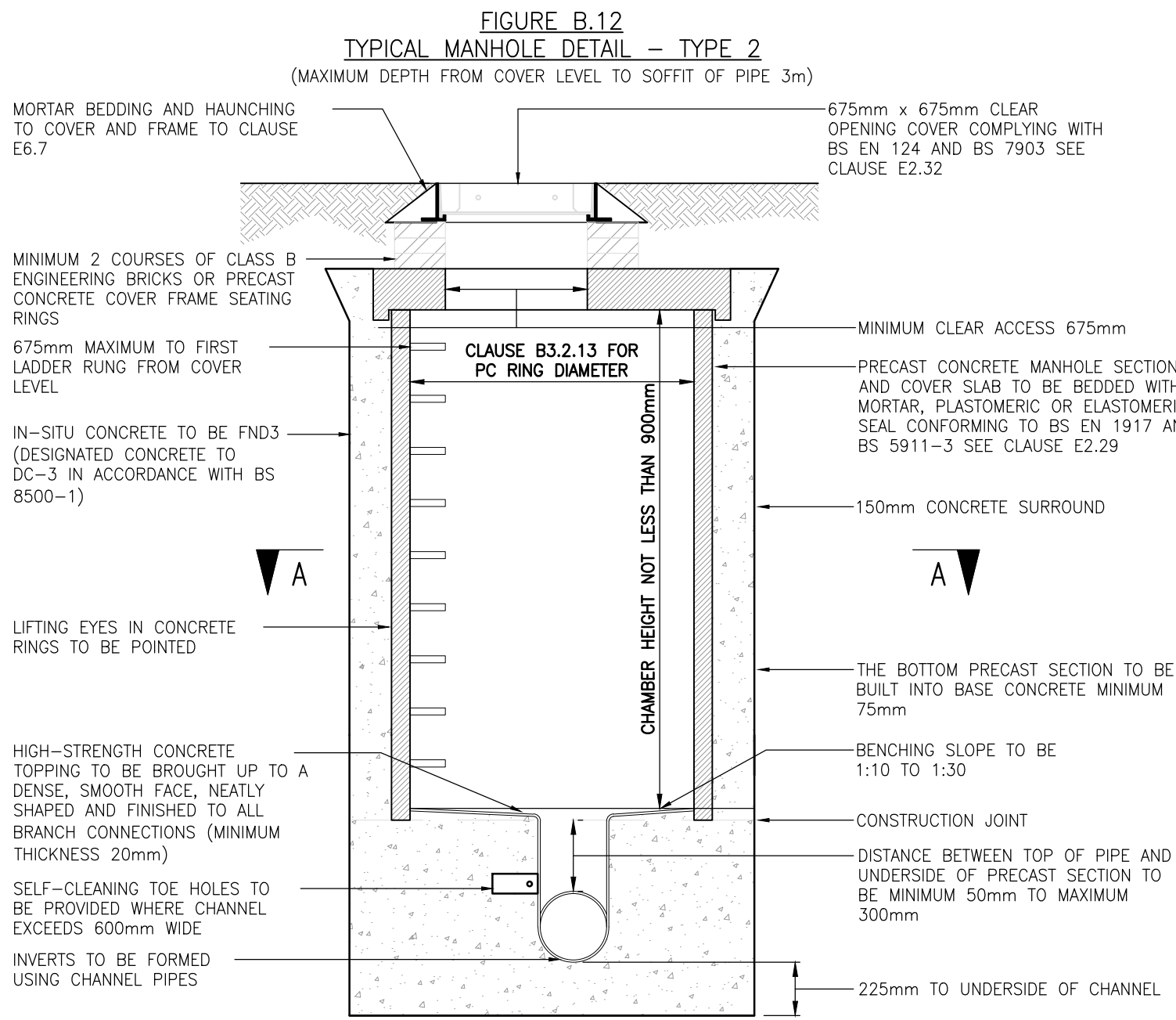
Rodding eye detail
scale 1:20



Typical inspection chamber detail
Maximum depth from cover level to soffit of pipe 2m non entry



Typical chamber arrangement
scale 1:25



TYPICAL CATCHPIT CHAMBER DETAIL
MAXIMUM DEPTH FROM COVER LEVEL TO BASE OF CHAMBER NOT EXCEEDING 3M

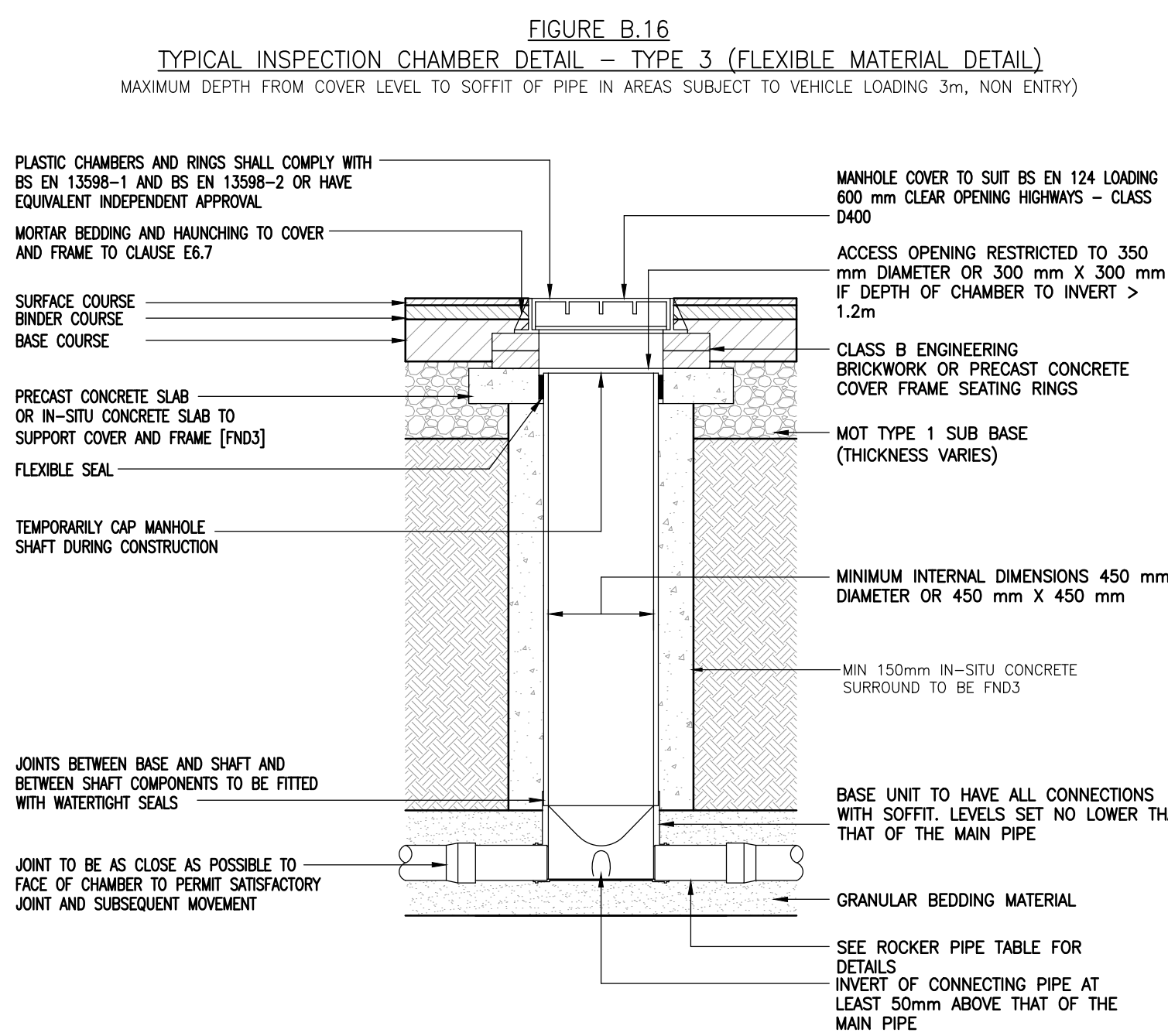
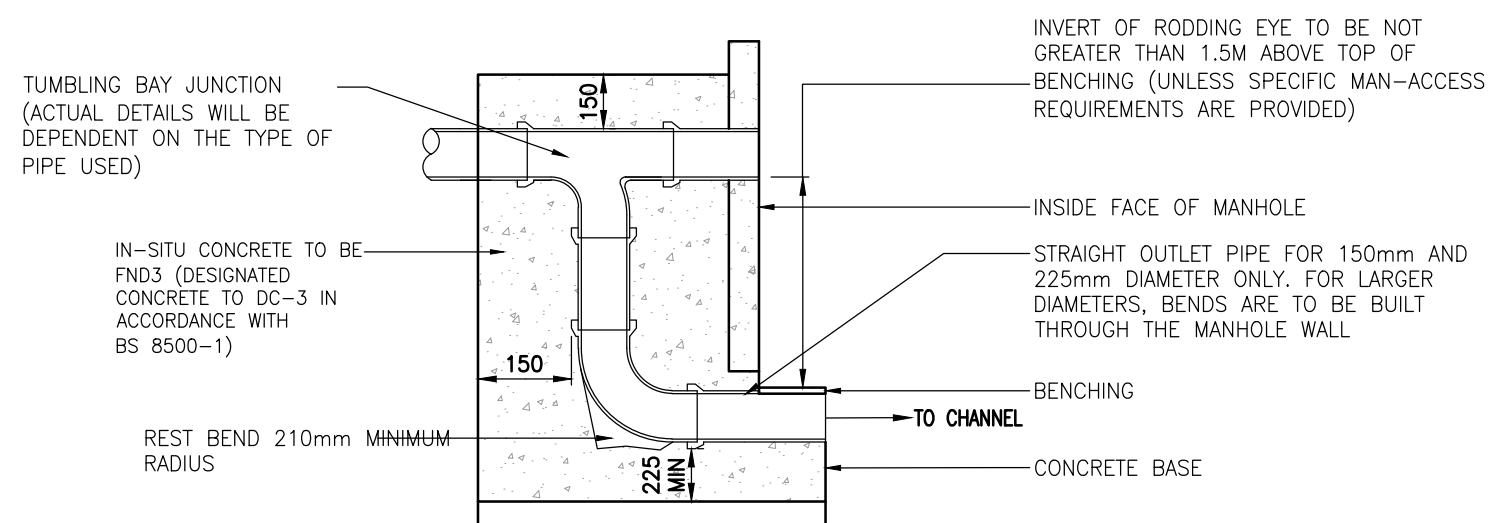
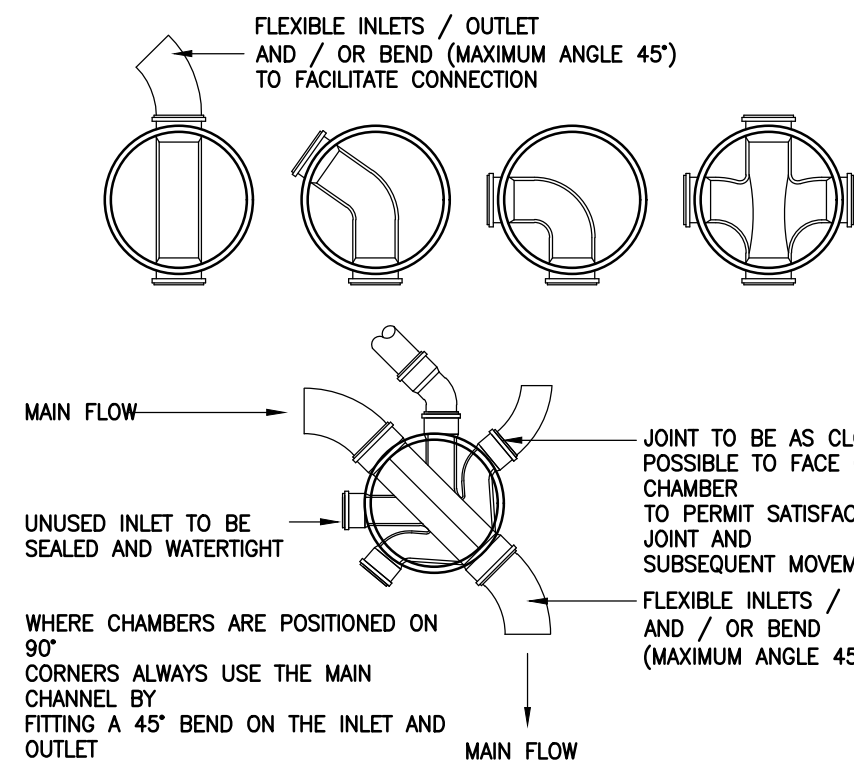
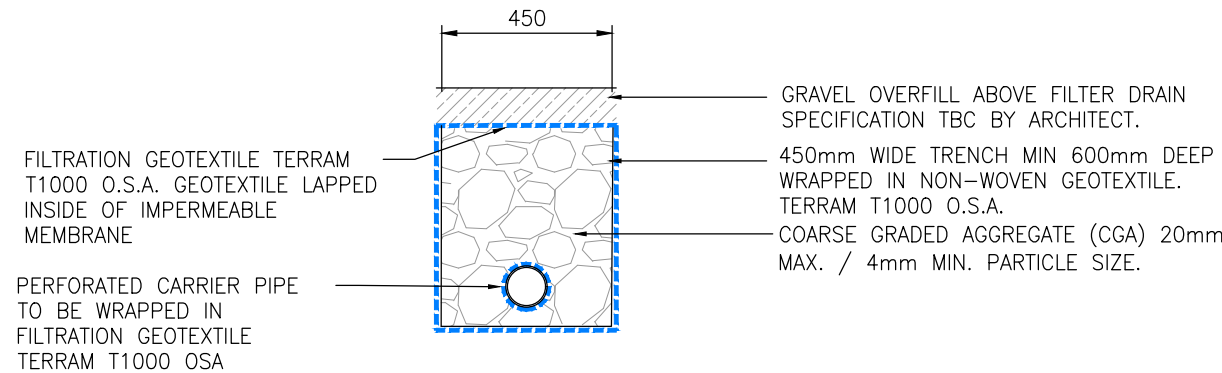


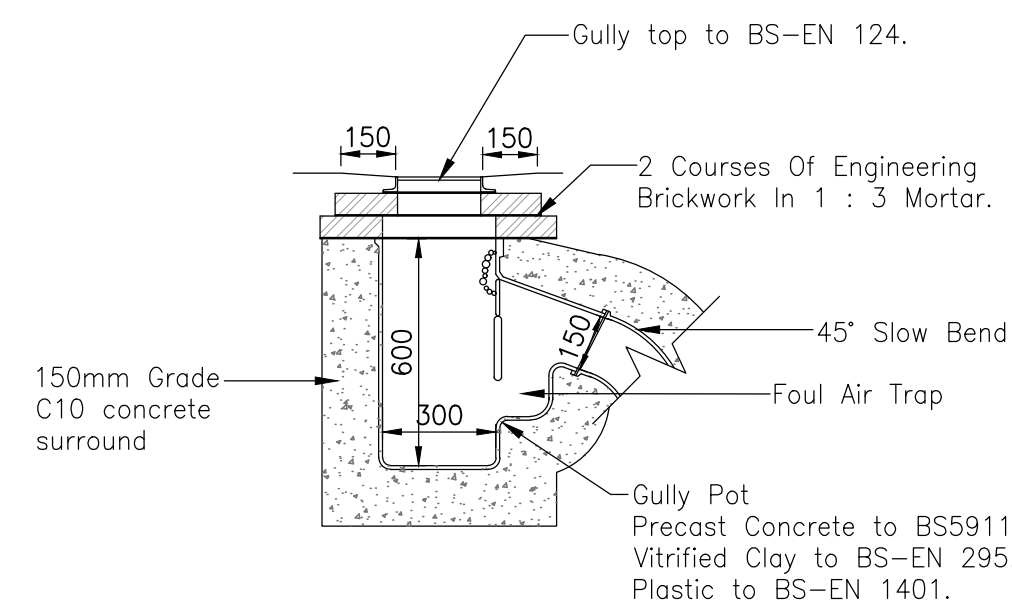
FIGURE B.20
ALTERNATIVE BASE LAYOUTS FOR TYPE 3 CHAMBERS



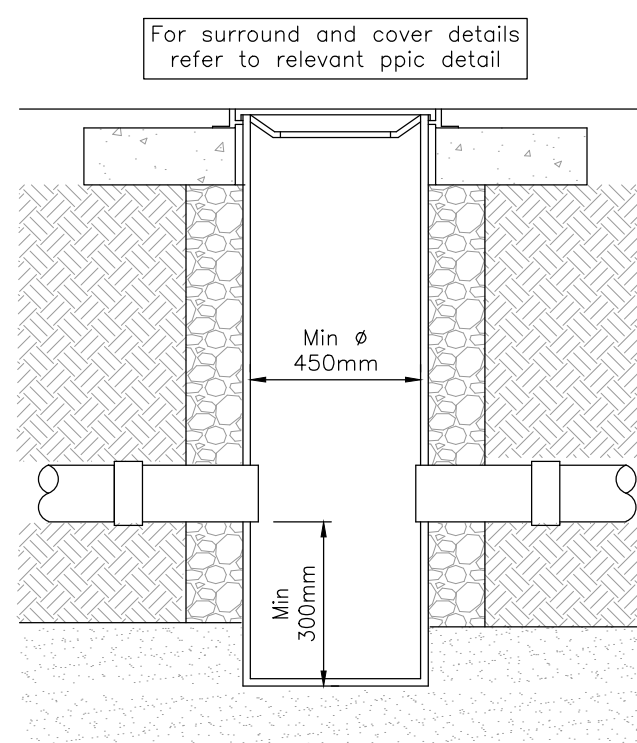
TYPICAL VERTICAL BACKDROP DETAIL



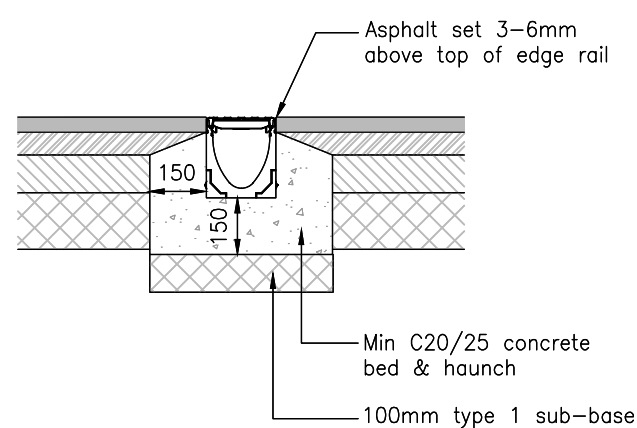
FILTER DRAIN DETAIL



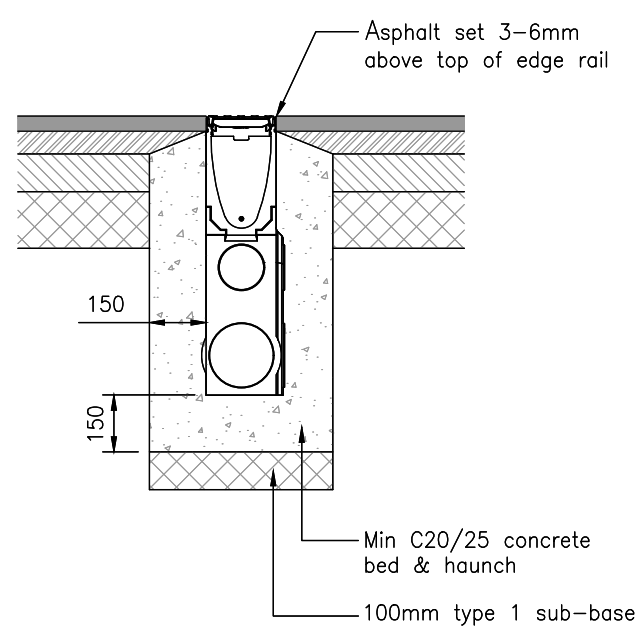
YARD GULLY DETAIL



Typical PPIC catchpit detail



Aco M150D 0.0 installation detail
scale 1:20



Aco M150D universal sump installation detail
scale 1:20

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REV	DATE	DESCRIPTION	BY

CLIENT

Repton School

PROJECT
3G Pitches and Changing Facilities

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Drainage Details
Sheet 1

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