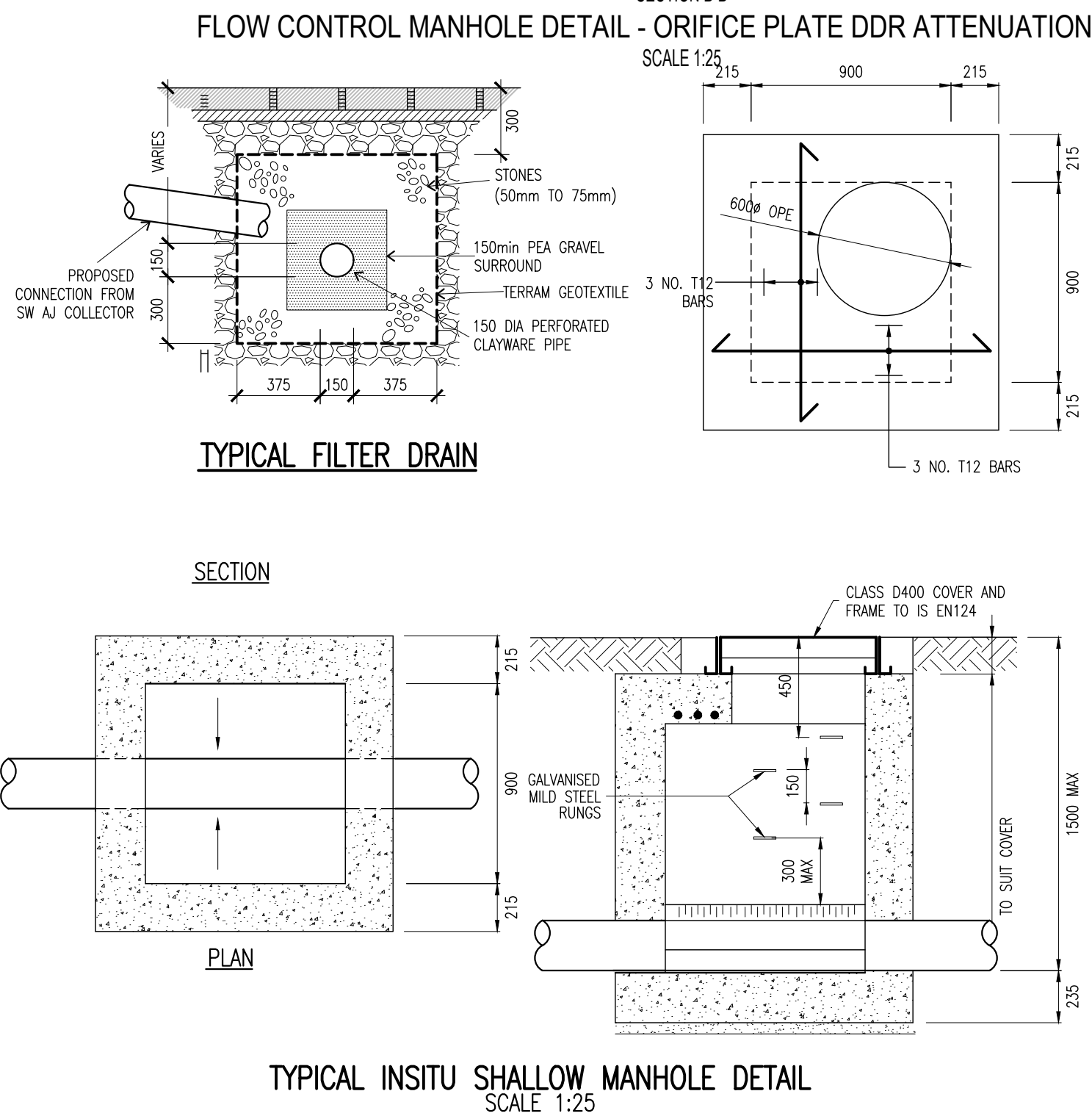
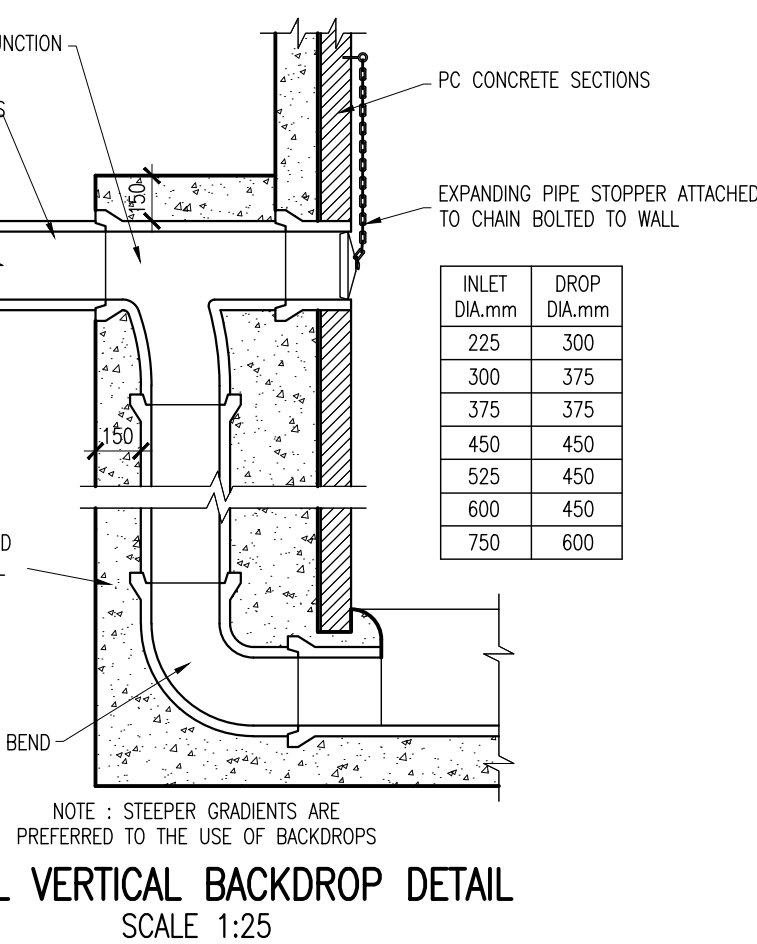
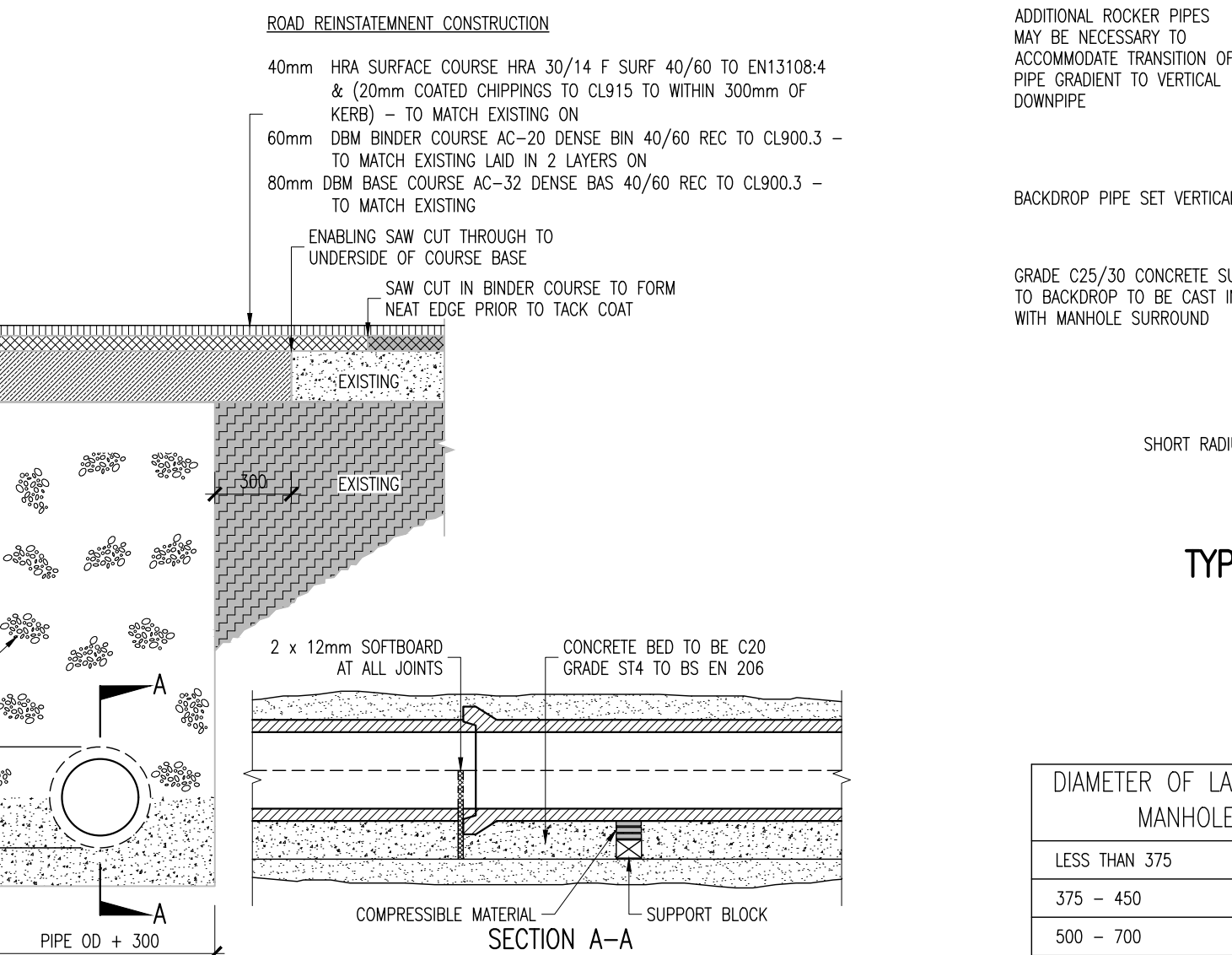
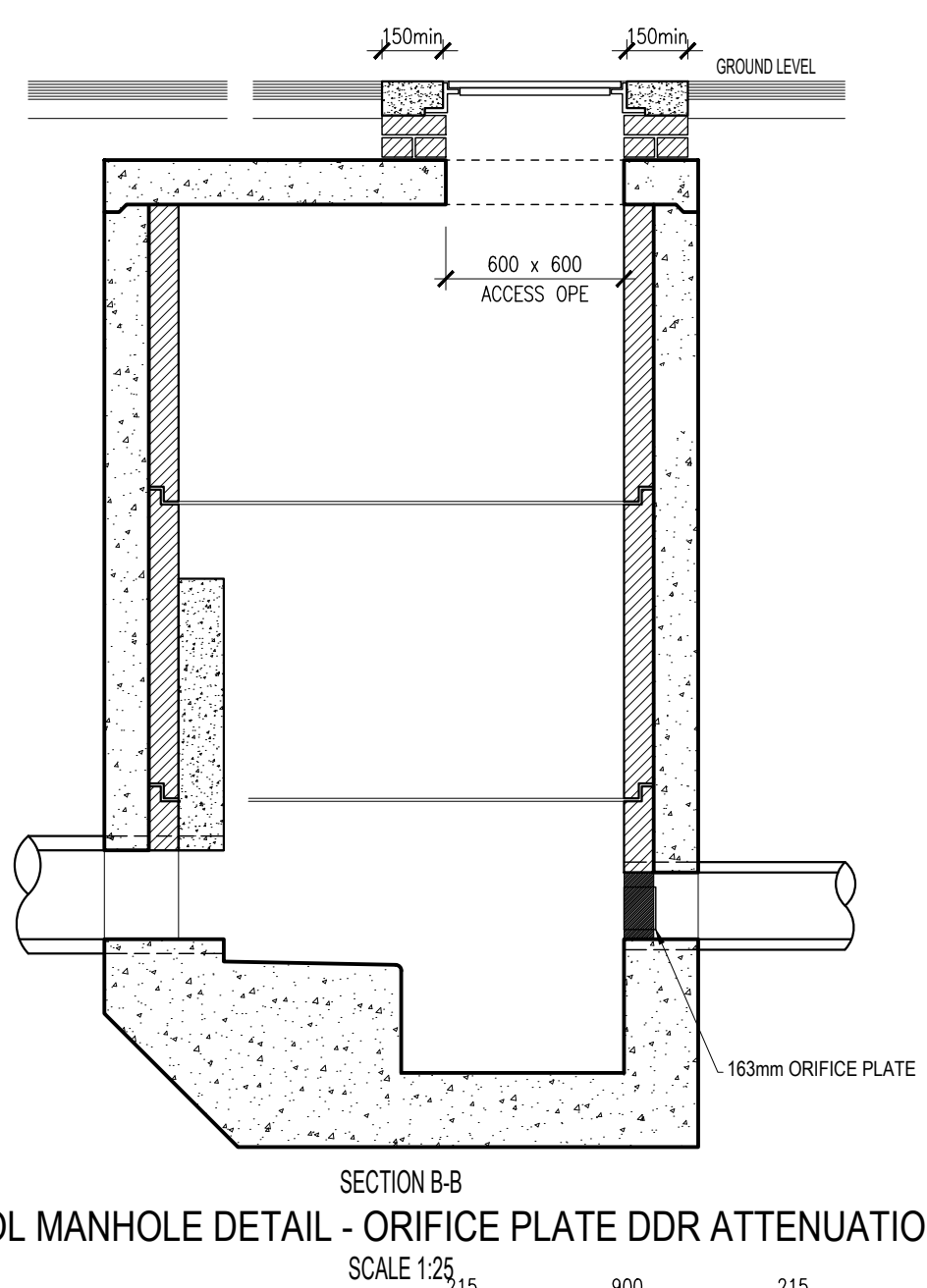
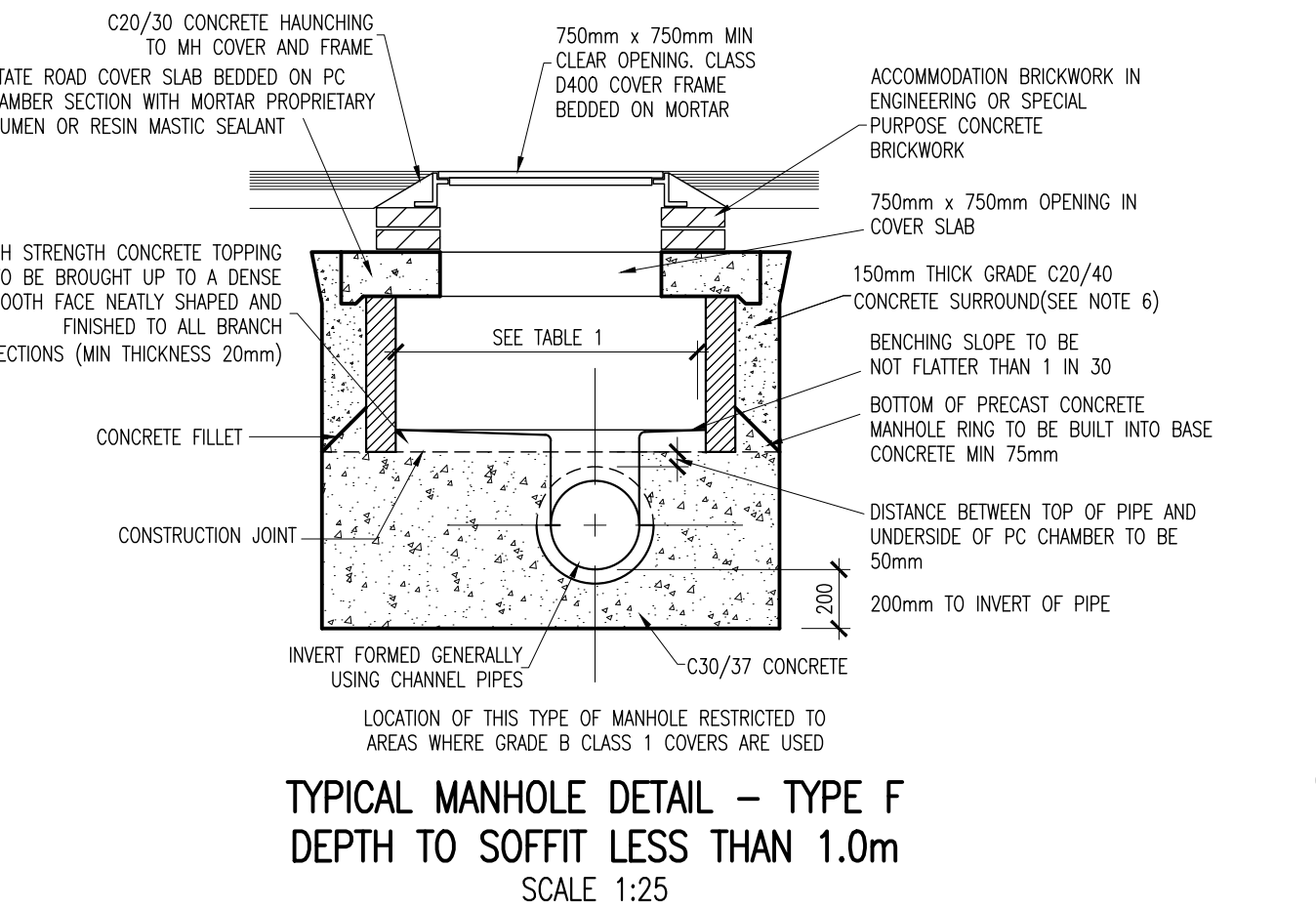
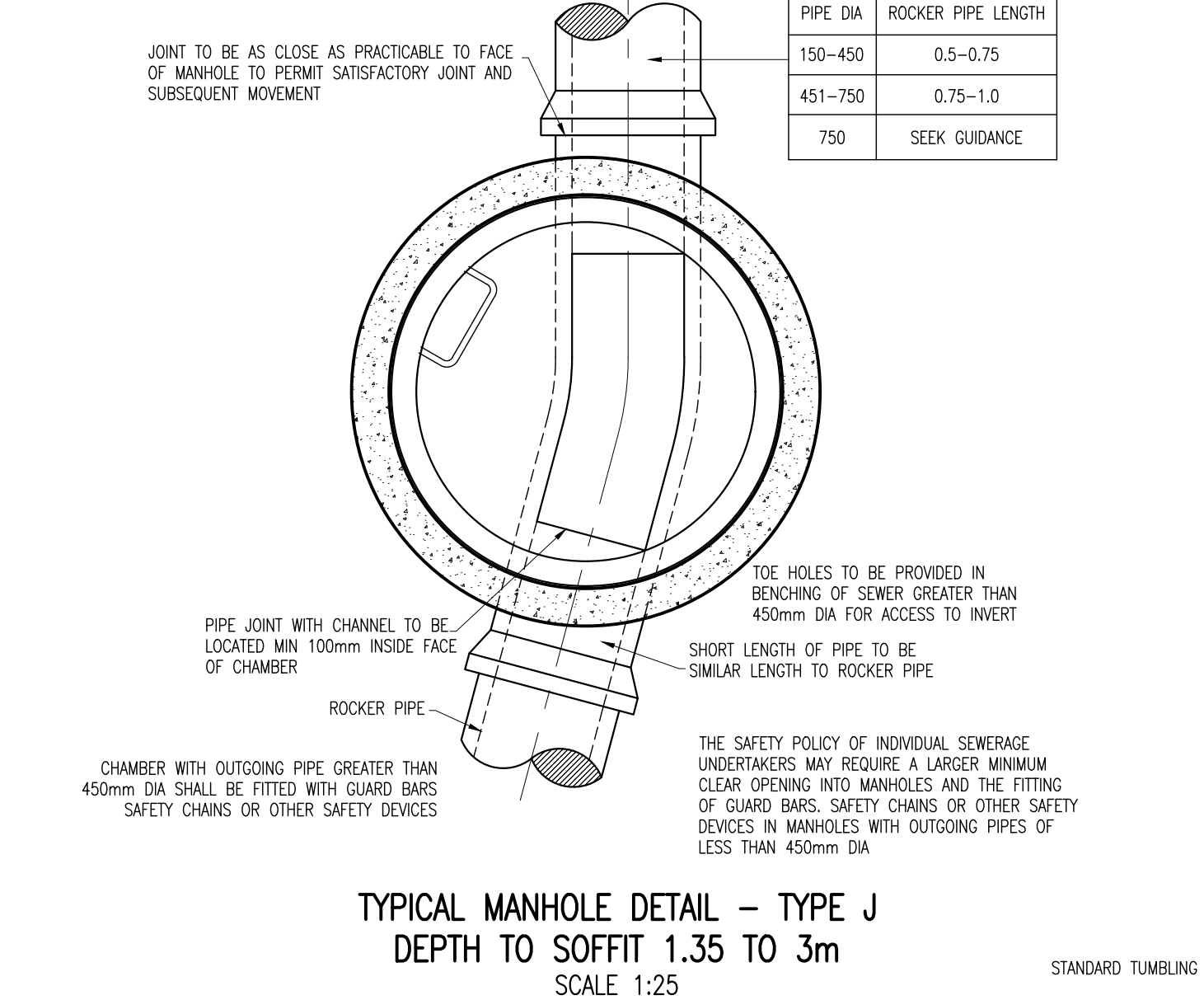
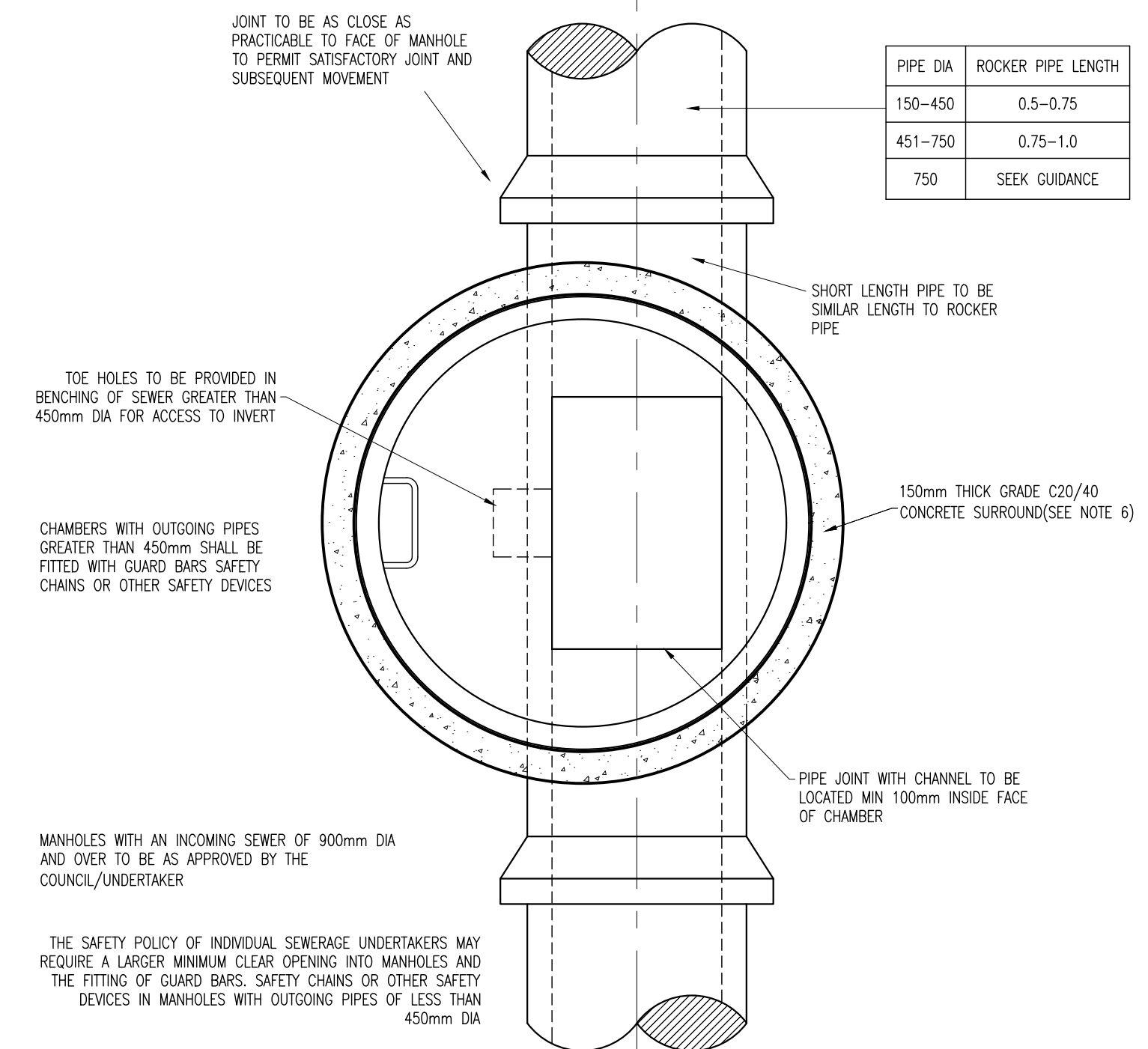
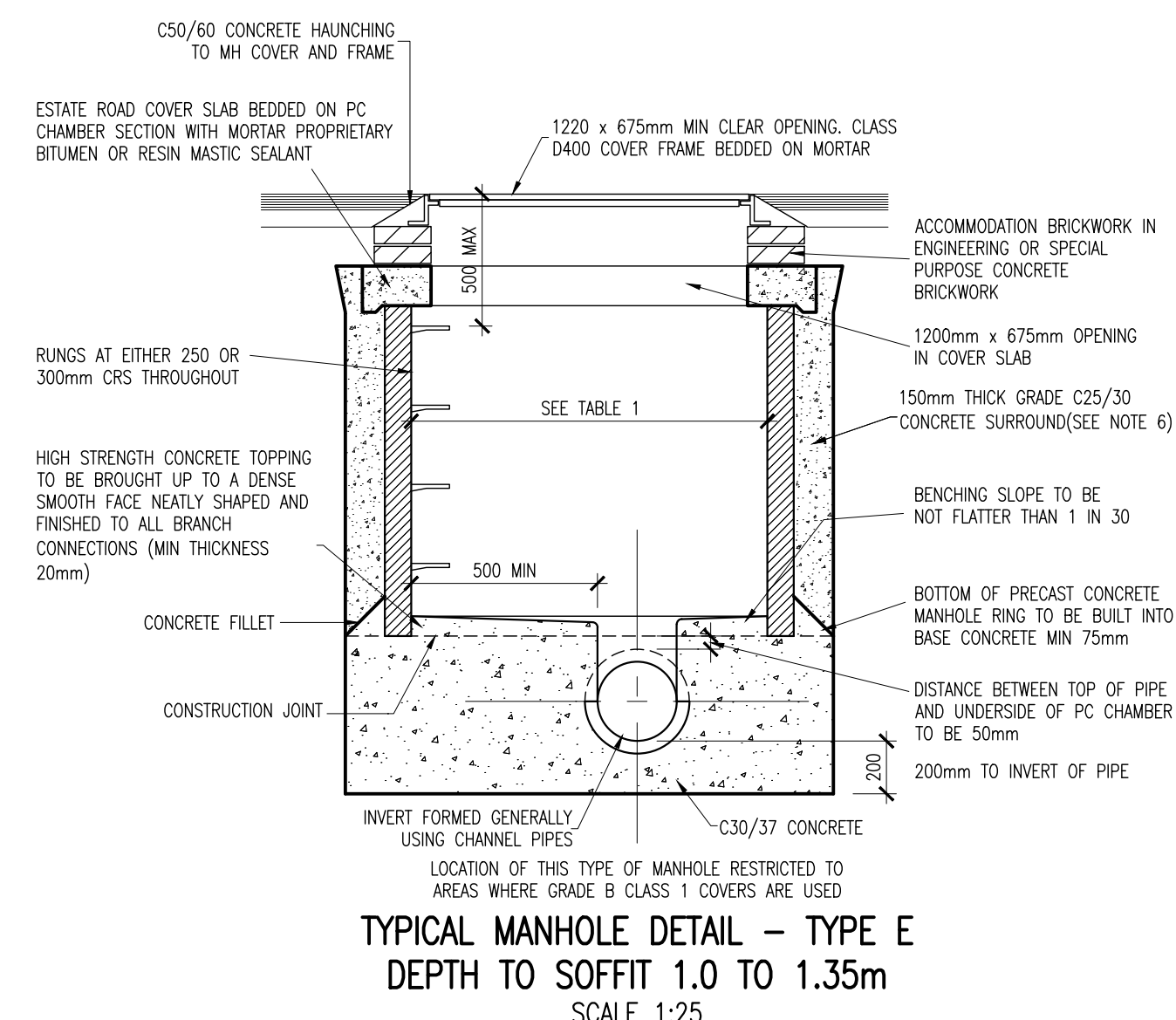
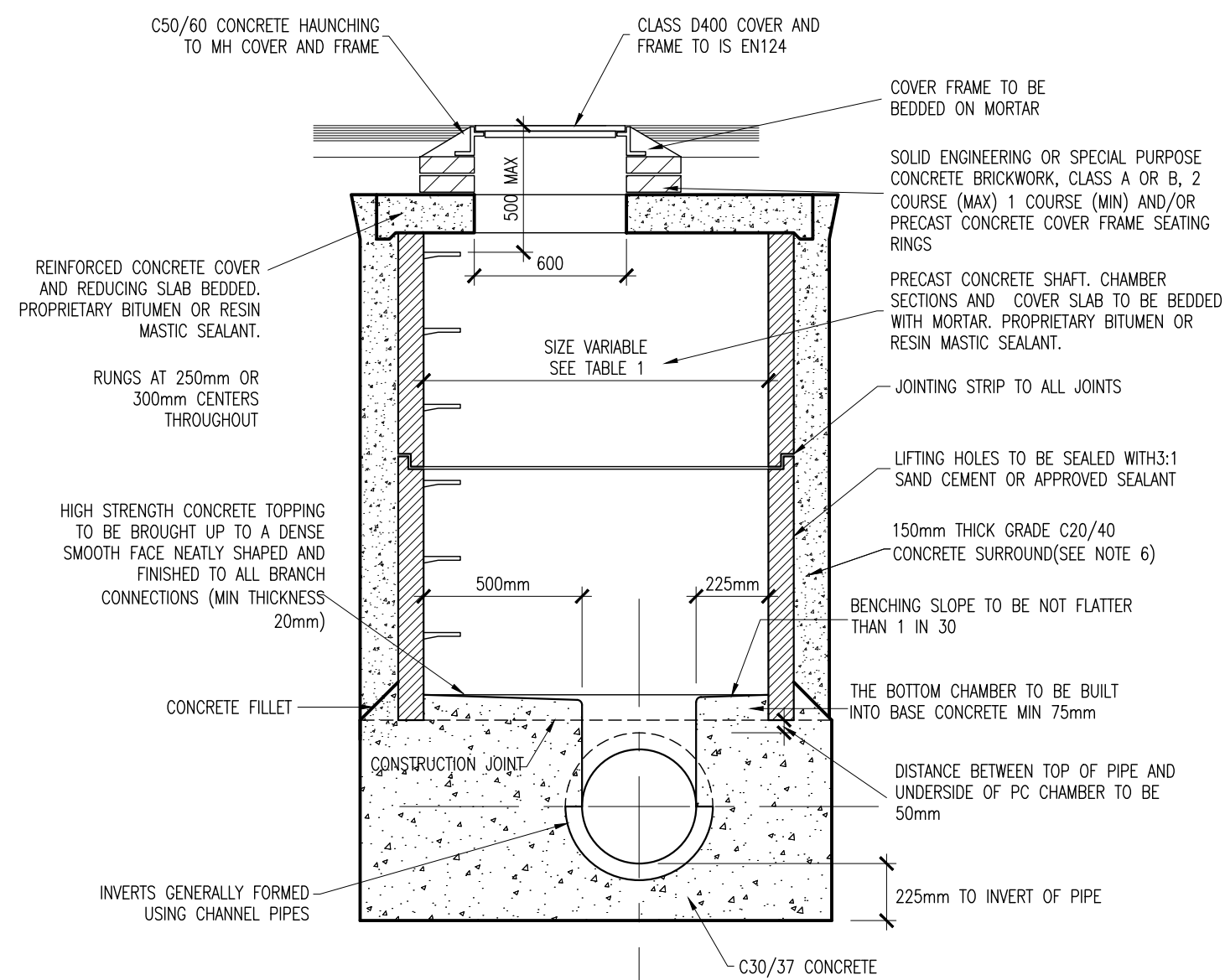
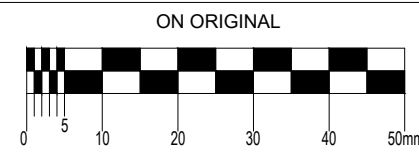




DIAMETER OF LARGEST PIPE IN MANHOLE (mm)	CHAMBER SECTION DIAMETER (mm)
LESS THAN 375	1200
375 – 450	1350
500 – 700	1500
750 – 900	1800
> 750	PIPE SIZE + 1.3m

TABLE 1

TYPICAL INSITU SHALLOW MANHOLE DETAIL
SCALE 1:25



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NOTES:

1. ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE U.N.O.: 35202 COVER = 50mm MIN.
2. SURFACE FINISHES FOR CONCRETE:
 - a. CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
 - b. CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.
3. ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
4. ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, CONCRETE INTERCEPTOR, CONCRETE TO SPUN RIM, FIBER 180, OR (SIMILAR APPROVED) TAP MODIFIED EPOXY RESIN) TO BE BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL.
5. ALL JOINTS SHALL BE PRESSURE TESTED PRIORITY TO BACKFILLING.
6. TYPE 1 GRANULAR MATERIAL - BROKEN STONE OR GRAVEL TO PASS 10mm SIEVE AND BE RETAINED ON 5mm SIEVE.
7. TYPE 2 GRANULAR MATERIAL - BROKEN STONE/ GRAVEL TO PASS 10mm - 25mm SIEVE, ACCORDING TO PIPE SIZE.
8. TYPE 3 (SAND) BE 100% SAND.
9. TYPE 3 SELECTED FILL: UNIFORM READILY COMPACTED MATERIAL FREE FROM TREE ROOTS, VEGETATIVE MATTER, LIMBS, DEBRIS AND OTHER FOREIGN MATTER. EXCESSIVE LUMPS RETAINED ON A 75mm sieve AND STONES RETAINED ON A 37.5mm sieve.
10. ROAD SURFACES SHALL BE CLEAN SPLIT RUN, CONCRETE, ASPHALTES CEMENT OR CLAY.

FLOW CONTROL MANHOLE DETAIL - ORIFICE PLATE
DDR ATTENUATION
SCALE 1:25

FLOW CONTROL MANHOLE DETAIL - ORIFICE PLATE DDR ATTENUATION
SCALE 1:25

TYPICAL FILTER DRAIN

TYPICAL VERTICAL BACKDROP DETAIL
SCALE 1:25

DRAINAGE / DUCT TRENCH AND REINSTATEMENT IN EXISTING ROADS
SCALE 1:25