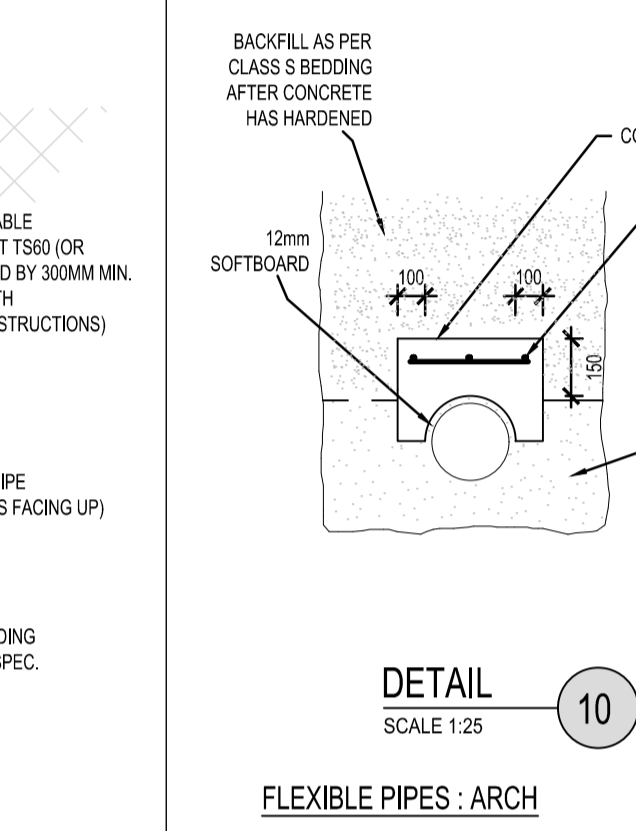
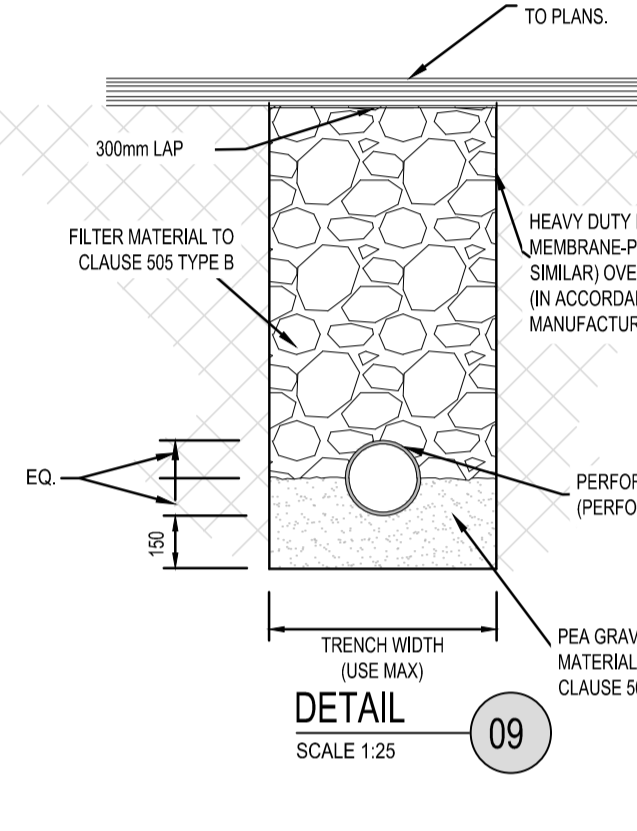
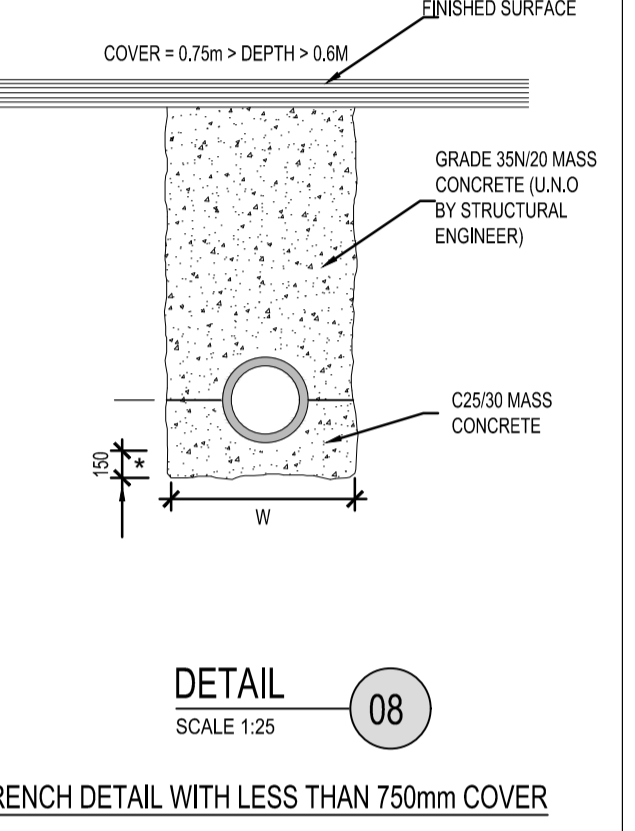
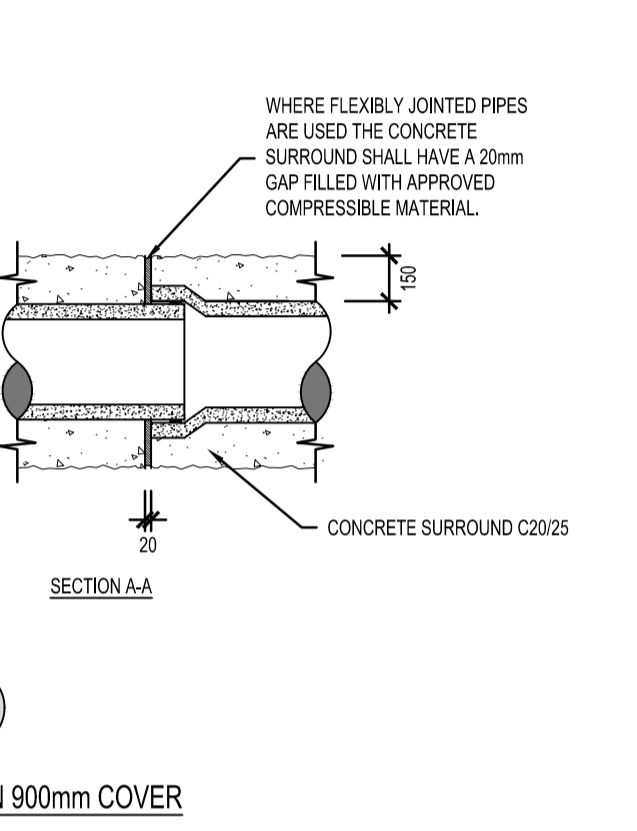
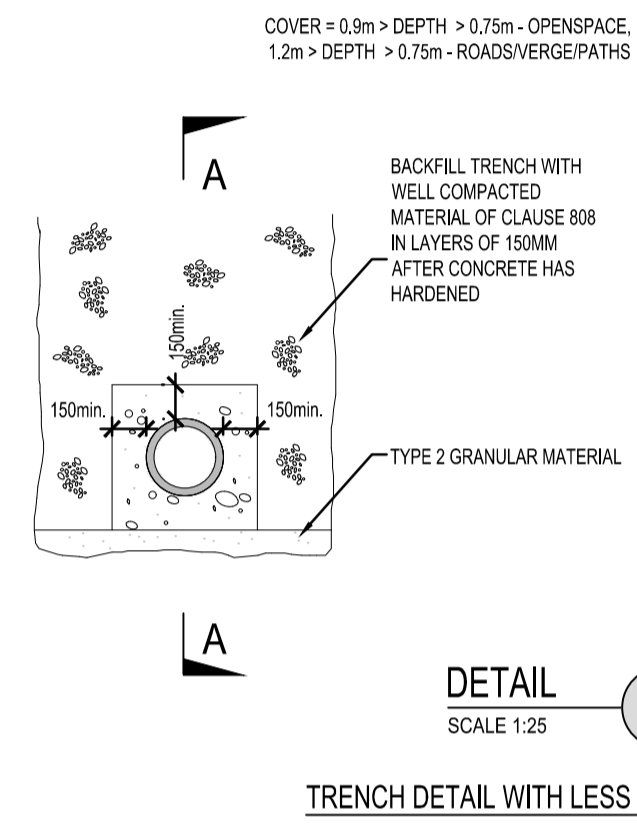


BEDDING FOR RIGID PIPES

BEDDING FOR FLEXIBLE PIPES

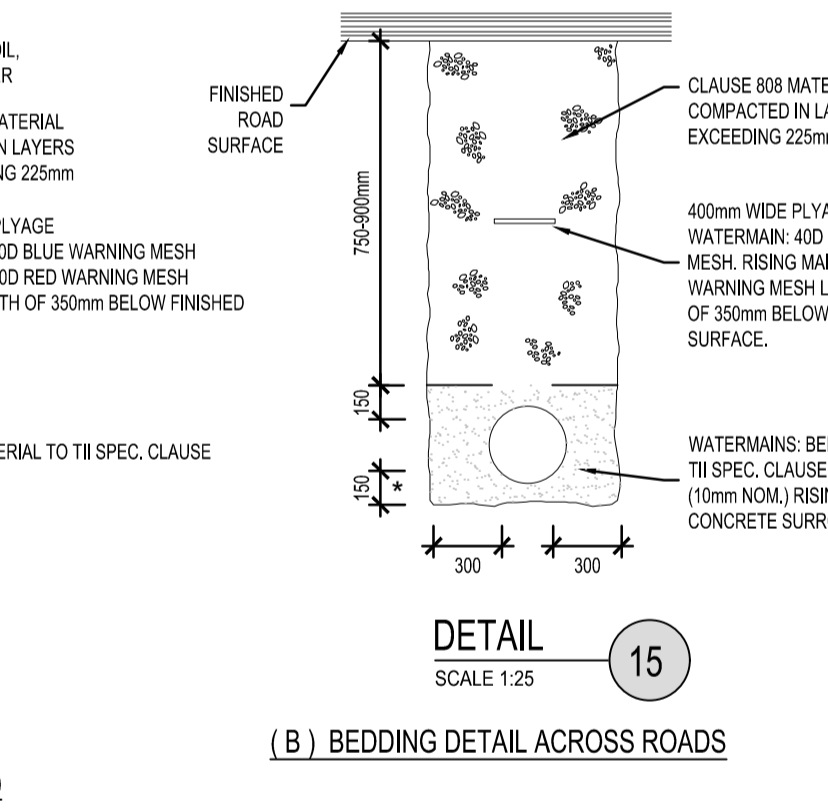
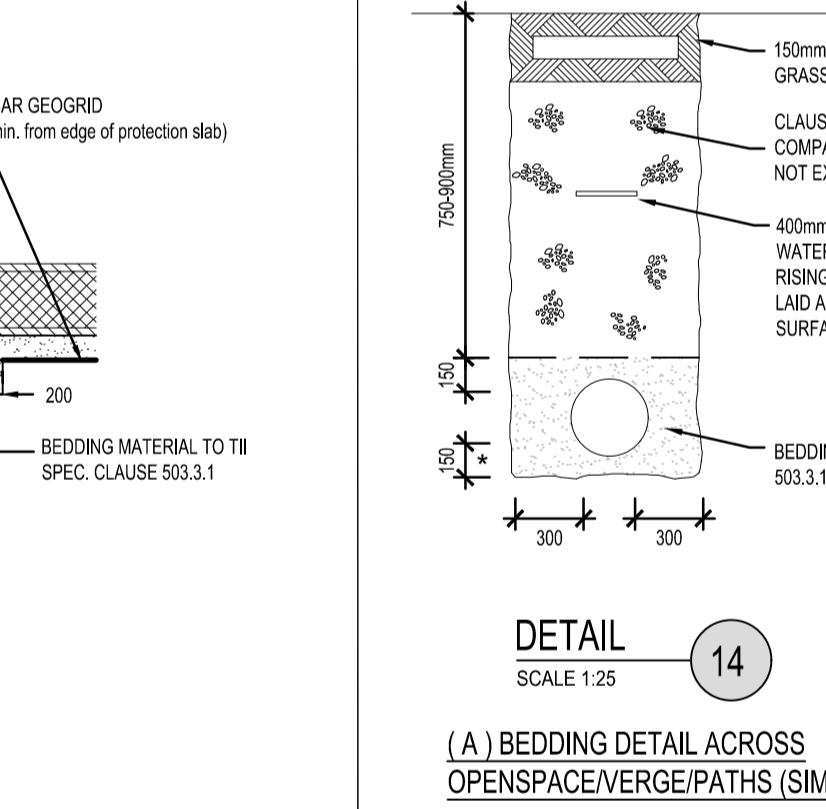
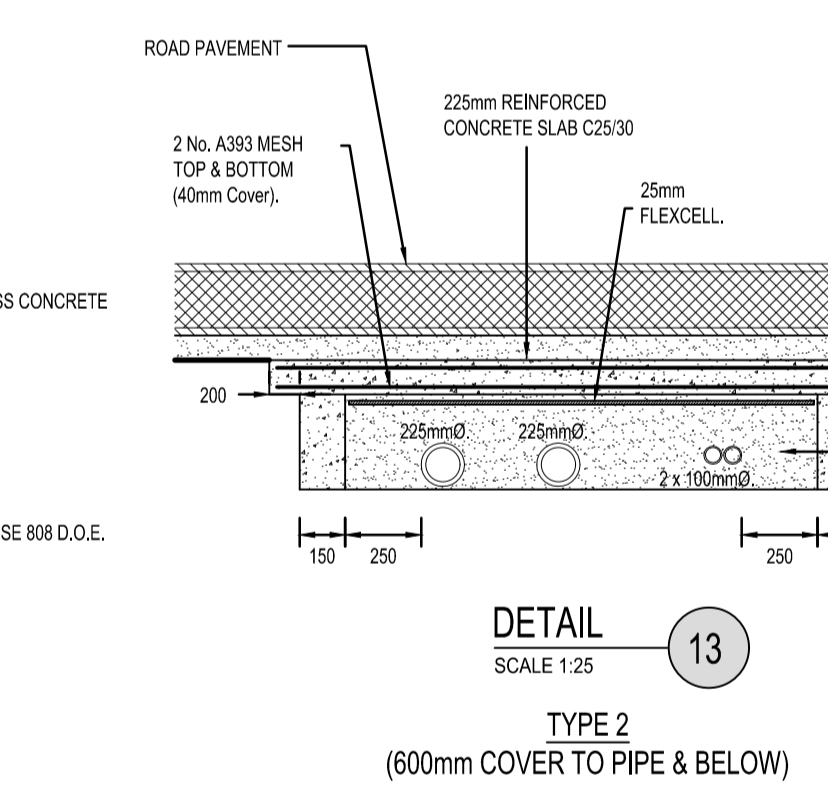
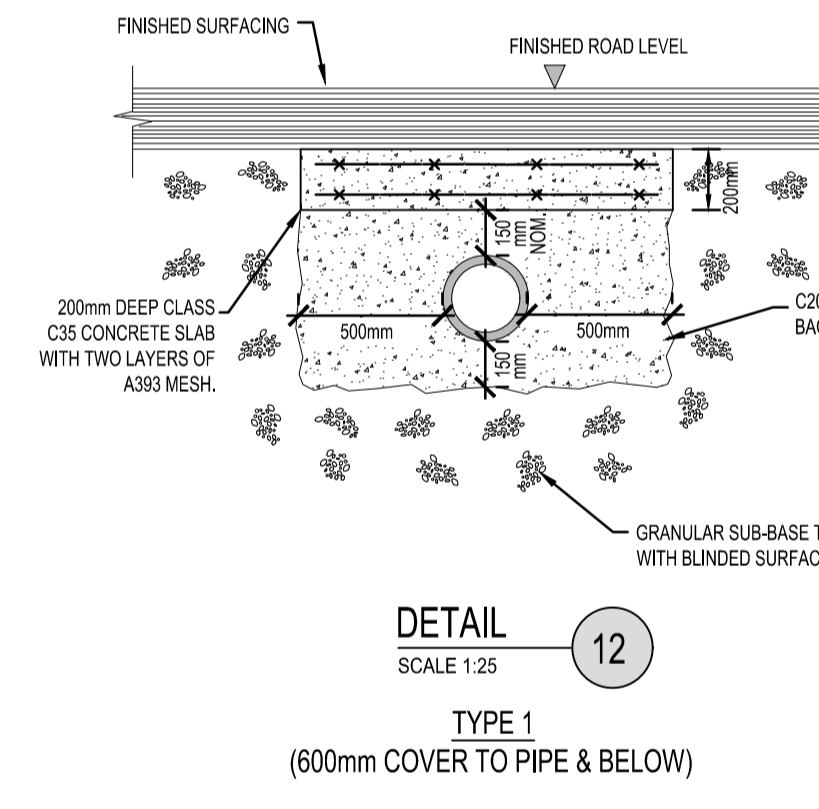
NOMINAL INTERNAL Ø (mm)	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	450	650
150	500	700
225	600	800
300	700	900
375	950	1150
450	1050	1250
525	1150	1350
600	1250	1450
675	1350	1550
750	1400	1600
825	1500	1700
900	1950	2150
1050	2100	2300
1200	2200	2500
ABOVE 1200	OUTSIDE Ø OF PIPE PLUS 900mm	OUTSIDE Ø OF PIPE PLUS 1000mm



BEDDING FOR RIGID AND FLEXIBLE PIPES WITH LIMITED COVER

TYPICAL FILTER DRAIN DETAIL

ALTERNATIVE BEDDING



TYPICAL SERVICES PROTECTION DETAIL

WATERMAIN/RISING MAIN BEDDING

NOTES: (FOR PERMANENT REINSTATEMENT)

A. FORM A SAW CUT 100mm DEEP AT A MIN. OF 100mm FROM SIDES OF EXCAVATION PRIOR TO PERMANENT REINSTATEMENT. WHERE ANY TRIM LINES ARE WITHIN 400mm OF ROAD EDGE, JOINT, OTHER REINSTATEMENT, OR IRONWORK, THE TRIM LINE SHOULD BE EXTENDED TO THE INTERFACE OF SUCH SITUATIONS.

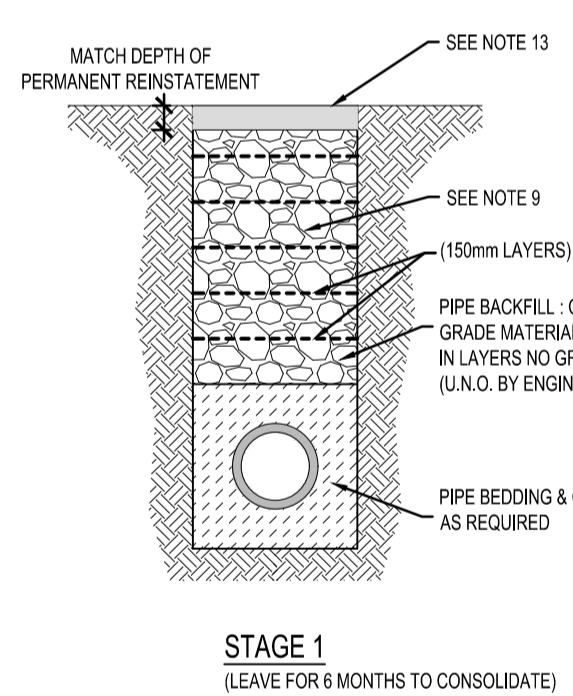
B. DIG OUT SURFACING & TOP 220mm OF CL808 MATERIAL & REPLACE WITH NEW WIDER SURFACING ON 220 LAYER OF LEAN-MIX CONCRETE

C. LEAN-MIX SURFACE TO BE SPRAYED PER CLAUSE 620 (TII SPEC) PRIOR TO APPLICATION OF BINDER COURSE MACADAM.

D. 100°C HOT BITUMEN BINDER 50 PEN OR COLD THIXOTROPIC BITUMEN 50 - 70 PEN TO BE APPLIED TO ALL VERTICAL CUTS IN ACCORDANCE WITH B.S.594 PRIOR TO APPLICATION OF BITUMINOUS MATERIAL.

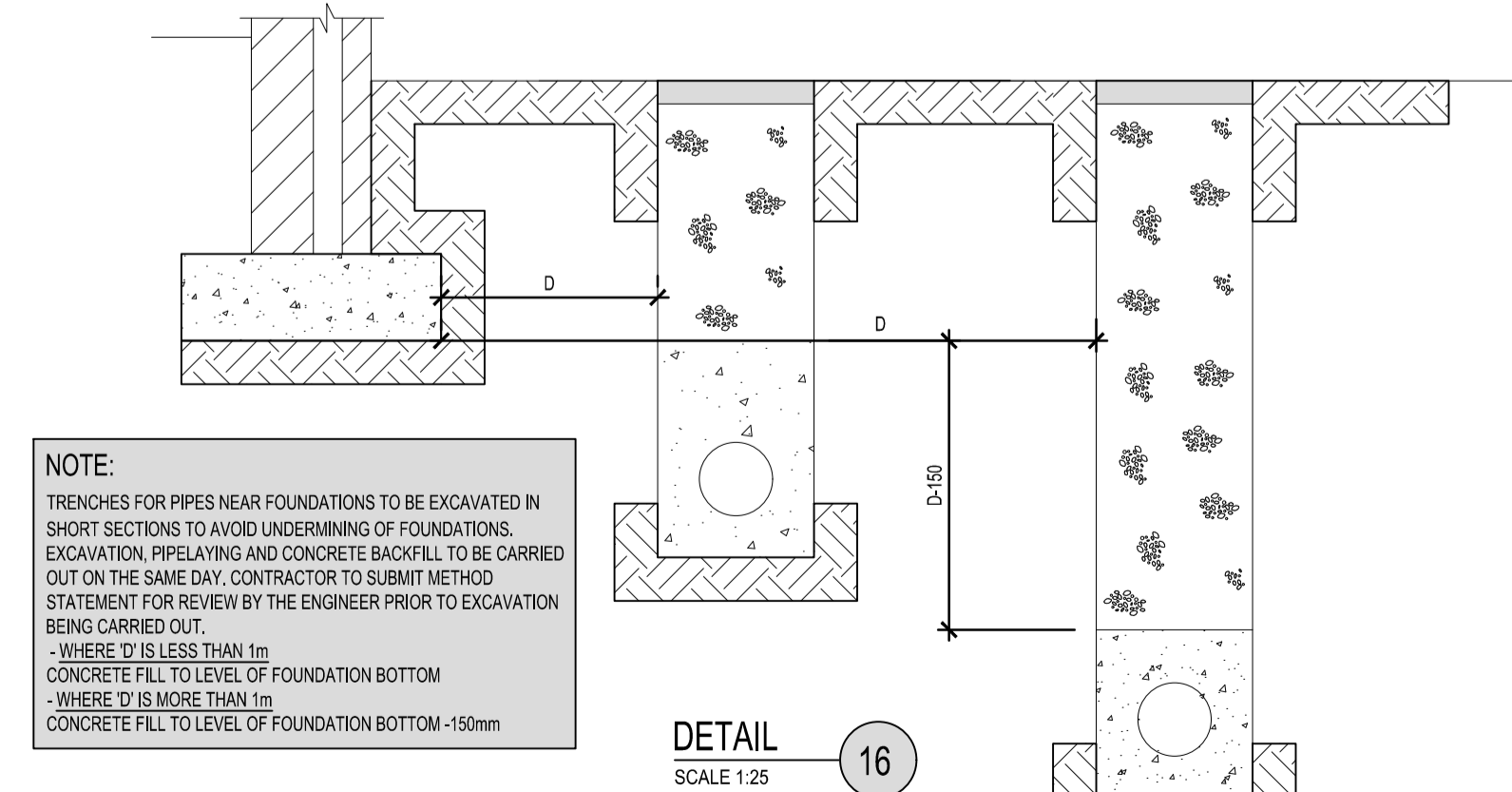
E. JOINTS SEALED WITH HOT BITUMEN AND TOPPED WITH FINE SAND / GRIT TO GET A MINIMUM 55 SKID RESISTANCE VALUE AS DETERMINED BY THE PORTABLE SKID RESISTANCE PENDULUM USED IN ACCORDANCE WITH ROAD NOTE 27 AND SHALL NOT EXCEED 3mm THICKNESS AND 25mm WIDTH.

TEMPORARY & PERMANENT REINSTATEMENT

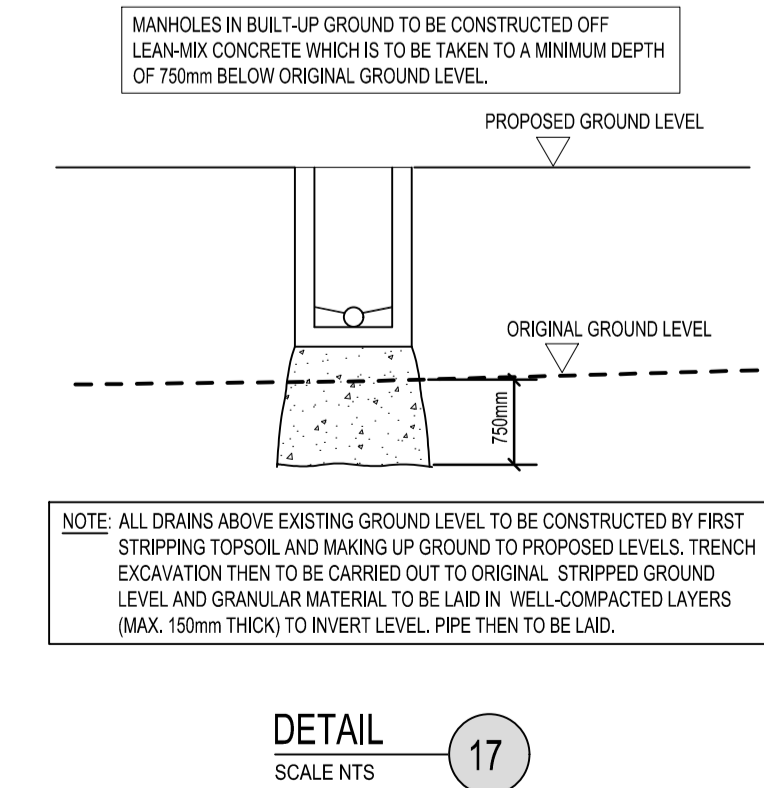


	LANDSCAPED AREAS	ROADWAYS/ FOOTPATHS	NOTES
CONCRETE PIPE (>1.2m COVER)	1.3	2.4	A, DETAIL 4 NOT ACCEPTABLE IN DCC AREA
CONCRETE PIPE (1.2m > D > 0.9m)	1.3	7	A
CONCRETE PIPE (0.9m > D > 0.75m)	7	7	A
CONCRETE PIPE (0.75m > D > 0.60m)	8	8	A
CONCRETE PIPE (0.6m > D > 0.45m)	12.13	12.13	C
FLEXIBLE PIPE (>1.2m COVER)	5	6	B
FLEXIBLE PIPE (1.2m > D > 0.9m)	5	7	B
FLEXIBLE PIPE (0.9m > D > 0.75m)	7	7	B
FLEXIBLE PIPE (0.75m > D > 0.6m)	8	8	B
FLEXIBLE PIPE (0.6m > D > 0.45m)	12.13	12.13	B, C
WATERMANS (D > 0.75m)	14	15	A
RISING MAIN (D > 0.75m)	14	15	A
REINSTATEMENT OF PIPES IN EXISTING ROADS.	N/A	18	A

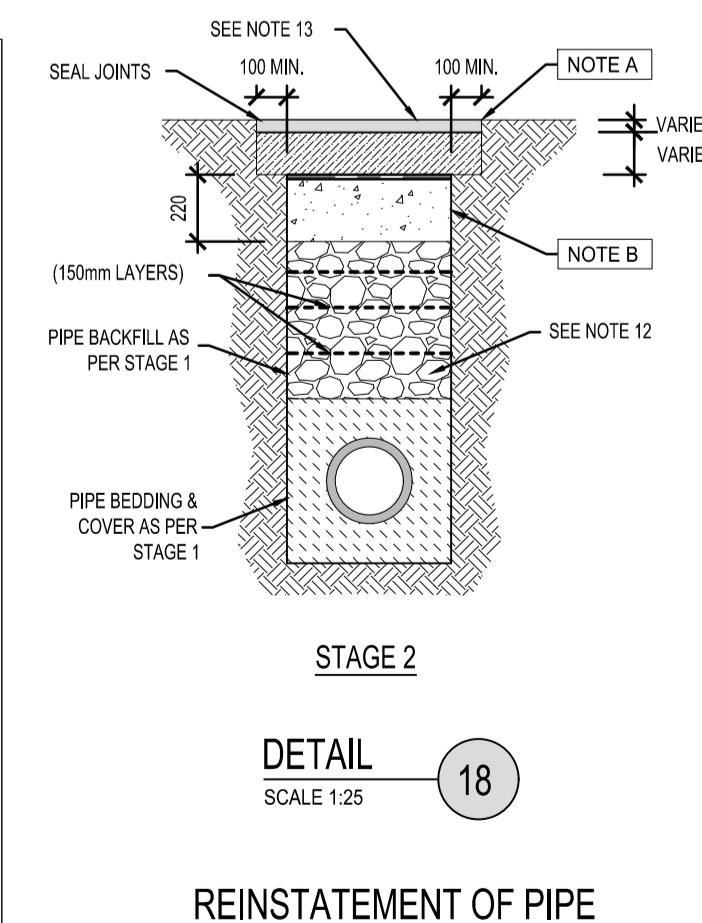
NOTES: A. APPLIES THROUGHOUT GOSDS AUTHORITY REGIONS B. APPLIES THROUGHOUT GOSDS AUTHORITY REGIONS EXCEPT DCC C. AGREEMENT FROM AUTHORITY REQUIRED



CONCRETE PIPE LAID NEAR FOUNDATIONS



DRAINS IN BUILT-UP GROUND



REINSTATEMENT OF PIPE TRENCH IN EXISTING ROAD

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METERS UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE TO MALIN HEAD DATUM.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS.
 - CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE.
 - ALL COORDINATES ARE TO IRISH TRANSVERSE MERCATOR
 - ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
 - COPYRIGHT OSL.

- SURFACE WATER NOTES:**
- ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH:
 - TII SPECIFICATION FOR ROADWORKS
 - GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
 - RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS
 - ALL REINFORCED CONCRETE ON THIS DRAWING SHALL BE C25/30 WITH COVER = 50mm MIN. WITH A MINIMUM CEMENT CONTENT OF 280 kg/m³, MAXIMUM W/C RATIO OF 0.65 AND SLUMP CLASS S2
 - SURFACE FINISHES FOR CONCRETE:
 - CLASS F1 FOR ALL CONCRETE 100mm OR MORE BELOW GROUND LEVEL.
 - CLASS F3 FOR ALL EXPOSED CONCRETE ABOVE 100mm BELOW GROUND LEVEL.
 - ALL EXPOSED CORNERS ON CONCRETE SHALL BE CHAMFERED WITH 25mm x 25mm CHAMFERS.
 - ALL STRUCTURAL CONCRETE (HEADWALLS, RC MANHOLES, PETROL INTERCEPTOR SLABS) TO RECEIVE MC DUR 1680 (OR SIMILAR APPROVED TAR MODIFIED EPOXY RESIN) TO ALL BURIED SURFACES, TO FINISH 100mm BELOW GROUND LEVEL
 - ALL SEWERS SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.

REV	DATE	DESCRIPTION	BY	CHECK	AUTH
P02	01.08.25	ISSUED FOR PLANNING	BJM	DB	DB
P01	09.04.25	ISSUED FOR SECTION 32B SUBMISSION	DV	BJM	DB

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CLIENT: HOMELAND PROJECTS LTD.

PROJECT: LARGE-SCALE RESIDENTIAL DEVELOPMENT AT ROSS ROAD, KILLARNEY, CO. KERRY

TITLE: PROPOSED SURFACE WATER DETAILS SHEET 2

PURPOSE: FOR PLANNING

ORIGINAL SCALE: A1 - NTS ORIGINAL ISSUE DATE: 27.02.25

STATUS: S2 DRAWING NO: 24041-OSL-90-DR-C-9021 REV: P02