

**GENERAL NOTES:**

- FOR STANDARD DOBA NOTES REFER TO DRAWING 800.1 & 800.2
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
- USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
- ALL FFL AND SSL TO BE CONFIRMED BY ARCHITECT
- ALL DPC'S, DPM'S, RADON BARRIERS, INSULATION AND ALL WEATHERING DETAILS TO ARCHITECT'S DRAWINGS & SPECIFICATIONS
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LEVELS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THE ENGINEER & ARCHITECT FOR RESOLUTION

**ROAD CONSTRUCTION NOTES:**

- CAPPING LAYER MATERIAL SHOULD COMPRISE EITHER CRUSHED ROCK, NATURAL GRAVEL, CRUSHED GRAVEL, OR CRUSHED CONCRETE. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100MM AND THE MAXIMUM ALLOWABLE PASSING THE 75 MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT ALL SIZES. REFER TO TABLE 1 FOR MINIMUM CONSTRUCTION THICKNESS OF CAPPING LAYER.
- THE CONTRACTOR IS TO VERIFY THE CBR VALUES TO DETERMINE THE THICKNESS OF CAPPING LAYER, AS DIRECTED BY TABLE 1. SOFT SPOTS TO BE REMOVED AND REPLACED WITH SUITABLE GRANULAR MATERIAL.
- FOR SUB-GRADES WITH A CBR OF LESS THAN 2% THE ENGINEERS ADVICE SHOULD BE SOUGHT ON THE USE OF A GEOTEXTILE SEPARATOR AND THE DEPTH OF CAPPING MATERIAL.
- PROVISIONAL ALLOWANCE TO BE MADE FOR SUBGRADE REINFORCEMENT (GEOTEXTILE OR GEOGRID), EXTENT OF SAME TO BE CONFIRMED BY IN-SITU CBR TESTS PRIOR TO CONSTRUCTION.

Table No.1

C.B.R. OF SUB GRADE (%)	MINIMUM THICKNESS OF CAPPING LAYER (mm)
Less than 2	REFER TO NOTE 3
2-5	300
5-15	150
Greater than 15	0

NOTE: ALLOW FOR 4 NO. CBR TESTS TO BE CARRIED OUT IN LOCATIONS SPECIFIED BY THE ENGINEER

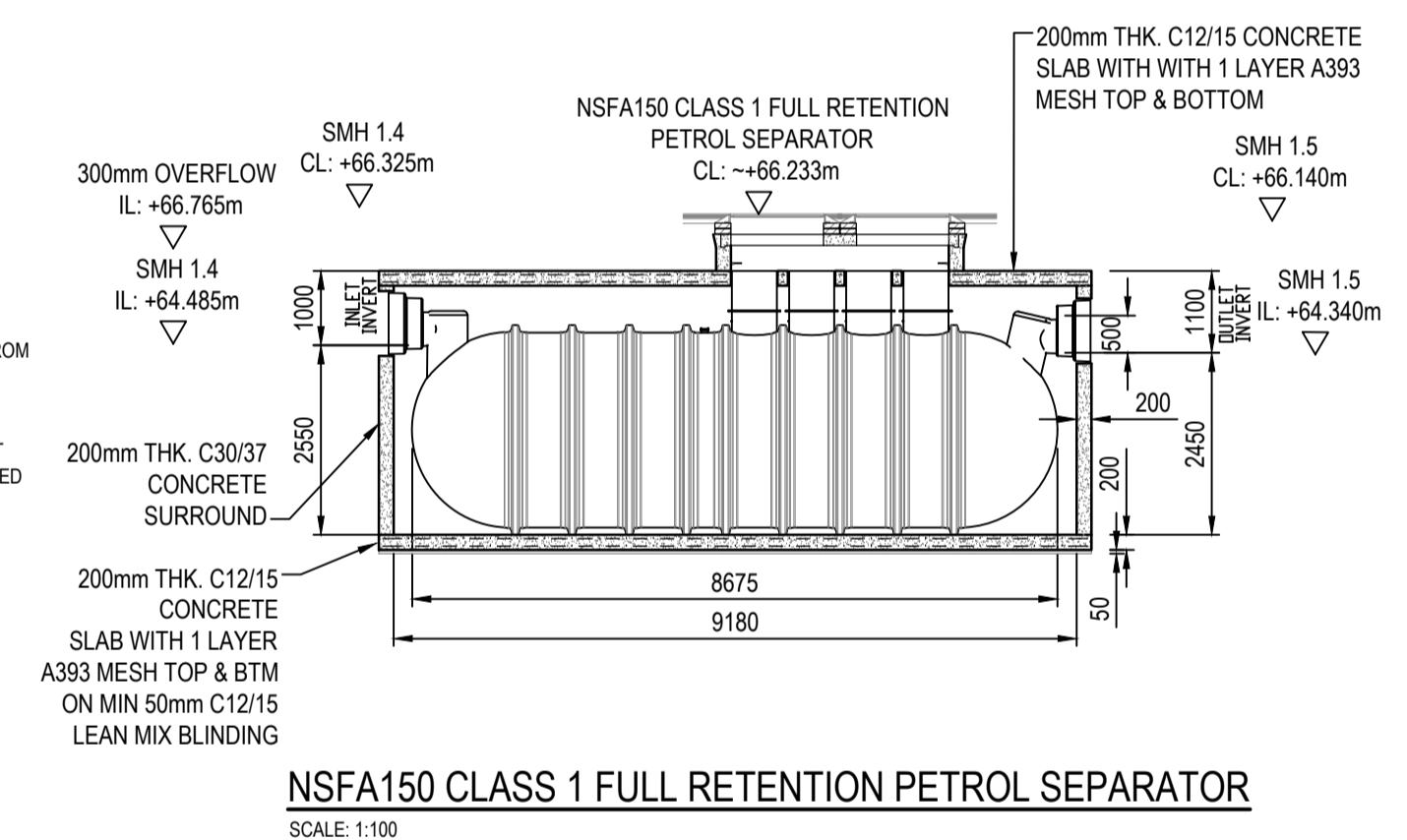
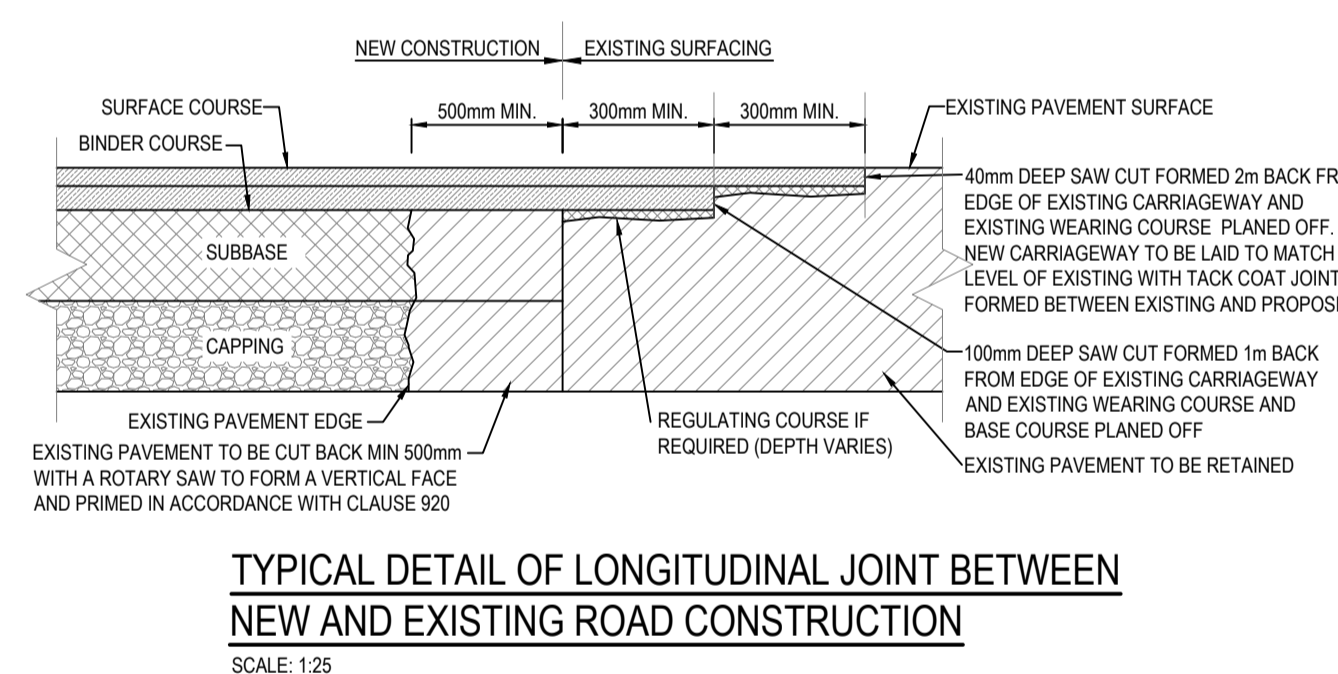
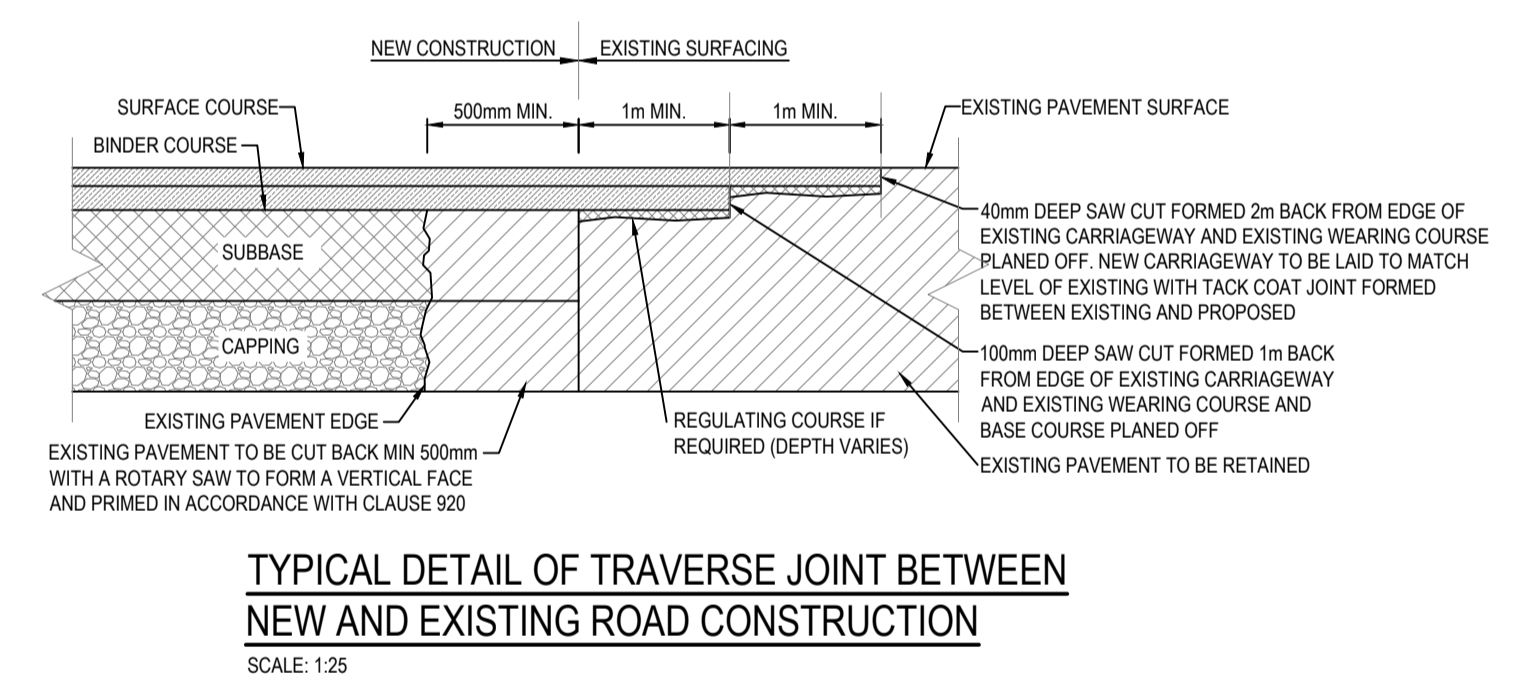
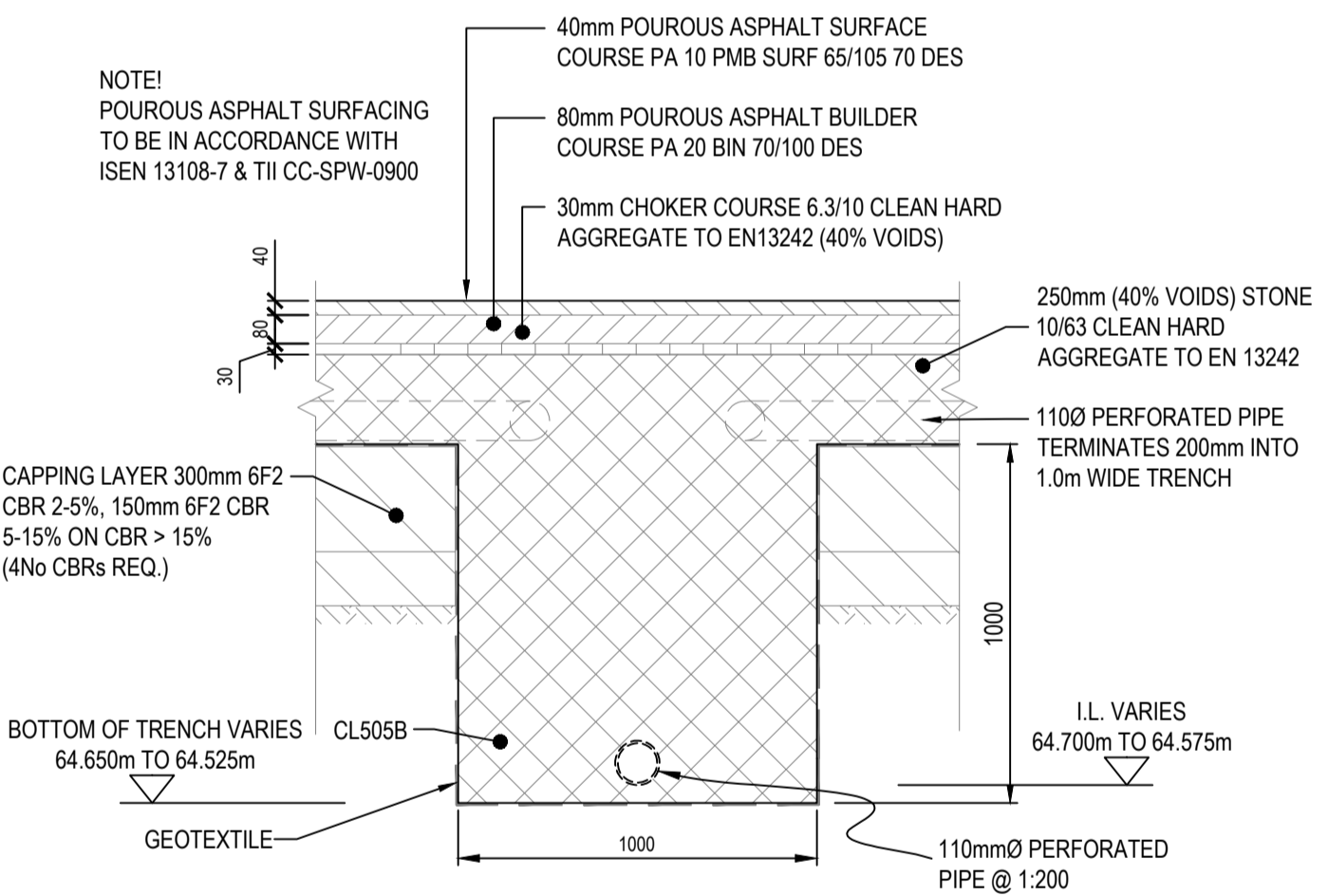
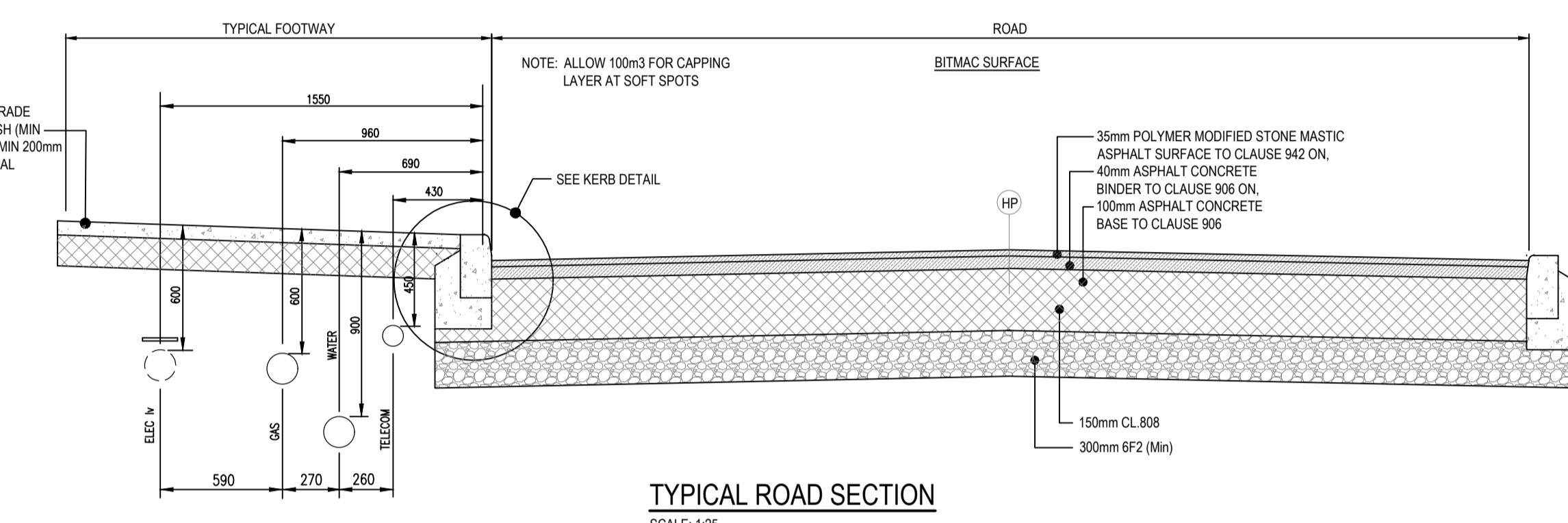
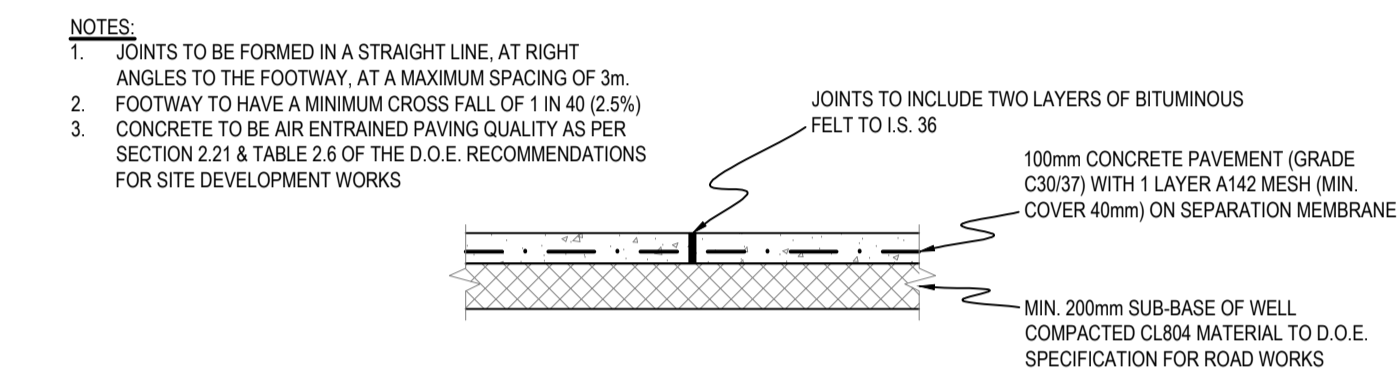
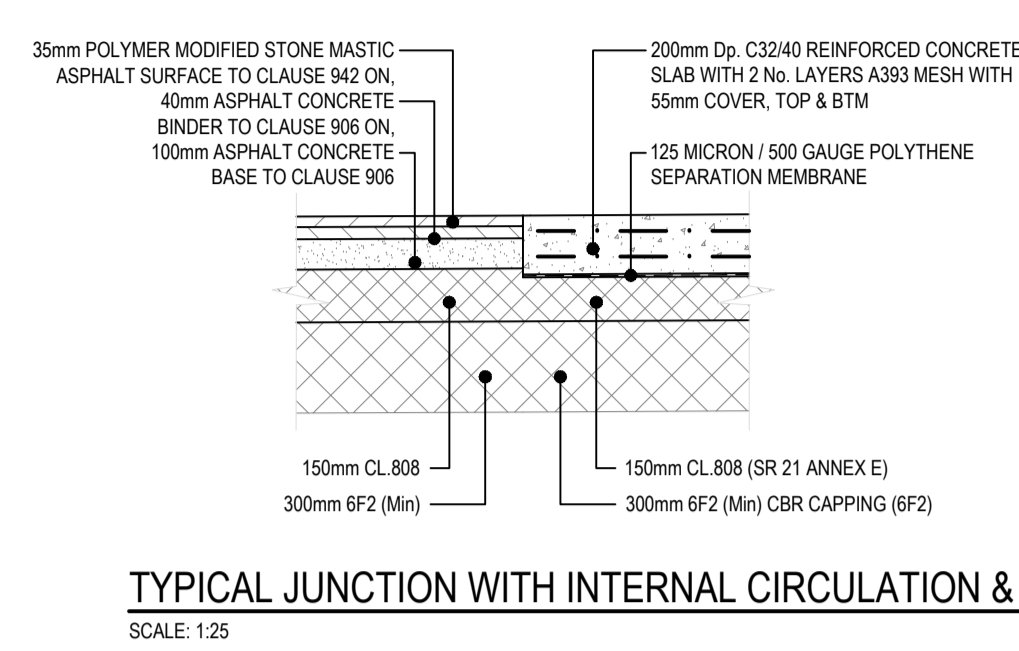
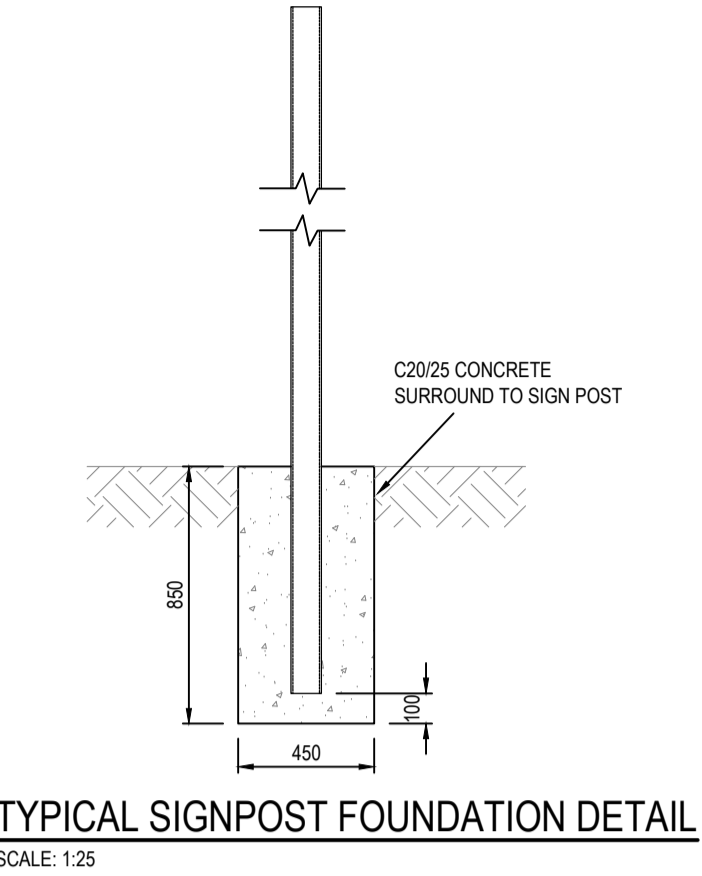
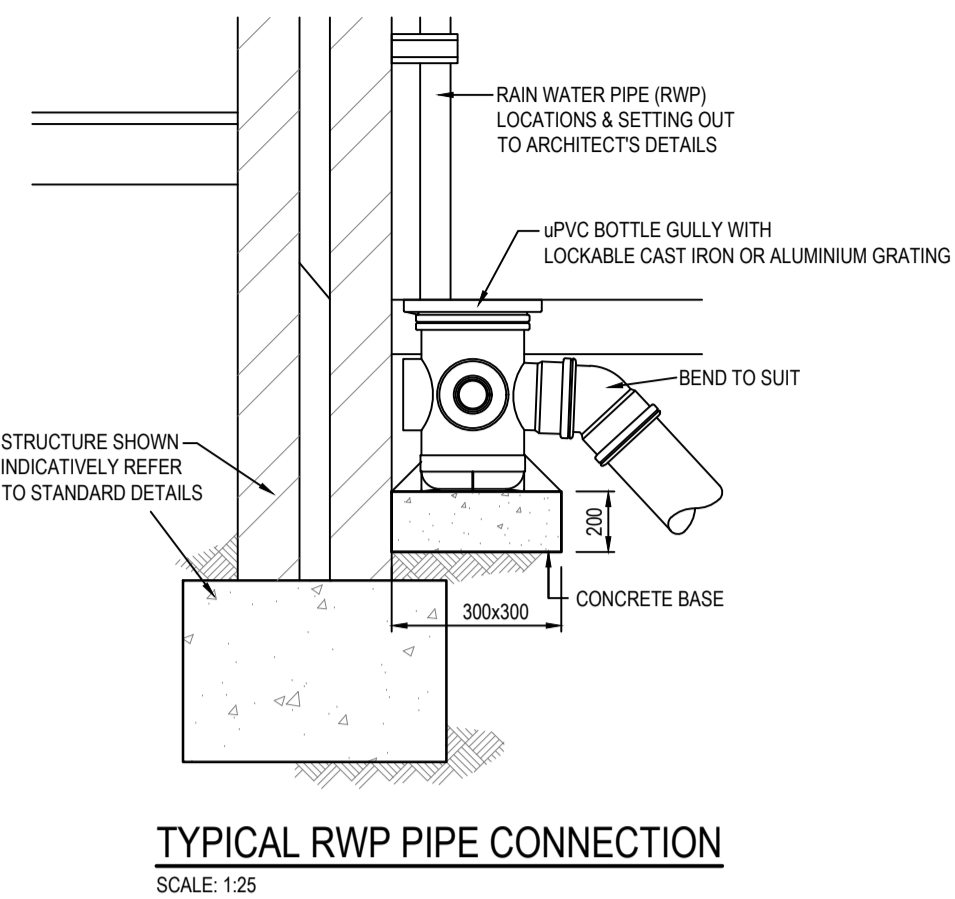
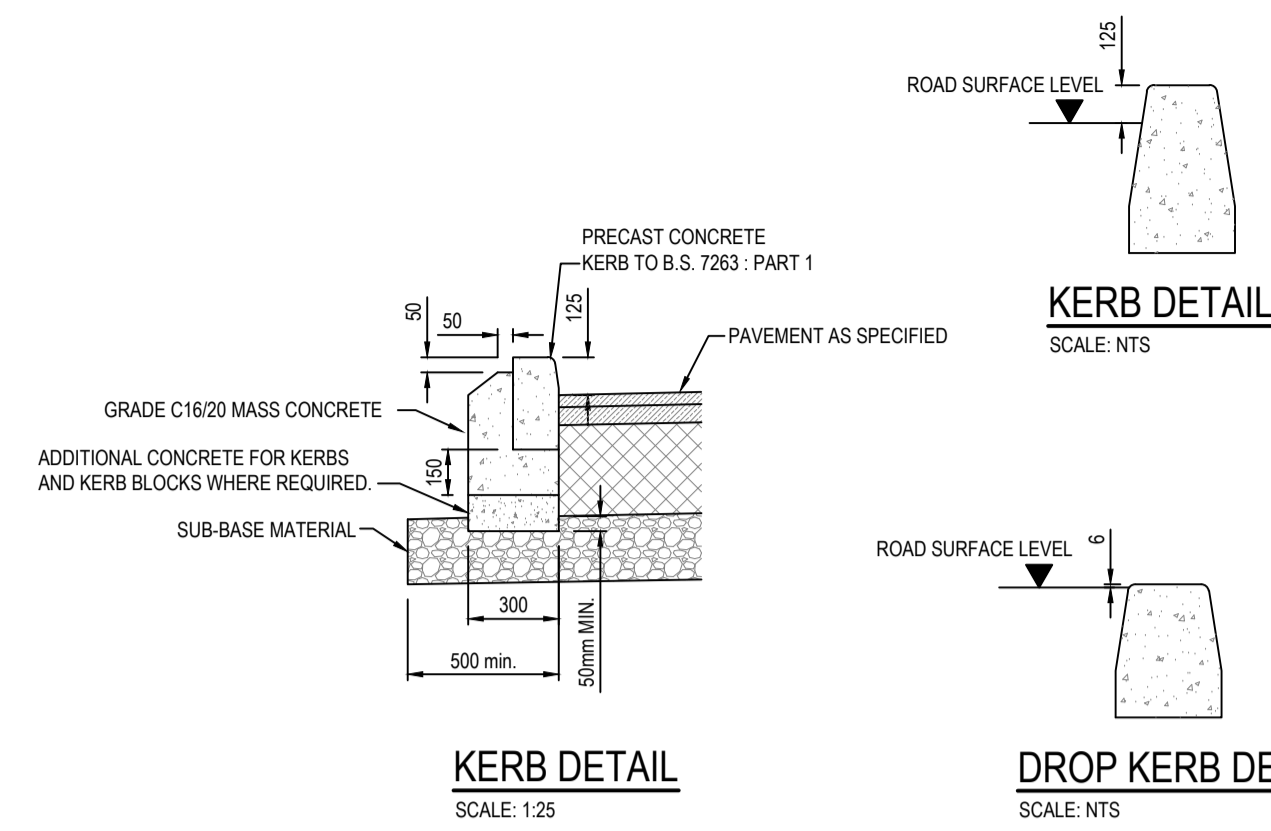
CONTRACTOR TO CARRY OUT CBR AT ROAD FORMATION LEVEL. IF CBR IS LESS THAN 5% CAPPING LAYER COMPRISING OF 6F2 MATERIAL IS REQUIRED

NOTE: SURFACE COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 911, 915, 943 AND LAID AND COMPACTED IN ACCORDANCE WITH CLAUSE 903 OF THE NRA SRW

BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 929, 930, 937 AND 943 AND LAID AND COMPACTED IN ACCORDANCE WITH CLAUSE 903 OF THE NRA SRW

BASE COURSE MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906, 907, 929 & 930 AND LAID AND COMPACTED IN ACCORDANCE WITH CLAUSE 903 OF THE NRA SRW

SUB-BASE MATERIAL SHALL BE TYPE B GRANULAR MATERIAL IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN ACCORDANCE WITH CLAUSE 802



**ISSUED FOR PLANNING**

S2.P03	ISSUED FOR PLANNING	22.02.2019	KD	PD
S2.P02	ISSUED FOR INFORMATION	17.12.2018	KD	PD
S2.P01	ISSUED FOR INFORMATION	05.11.2018	KD	PD
Rev.	Note	Date	Drawn	Check

**DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS**

UNIT 5C  
ELM HOUSE  
MILLENNIUM PARK  
NAAS  
CO. KILDARE

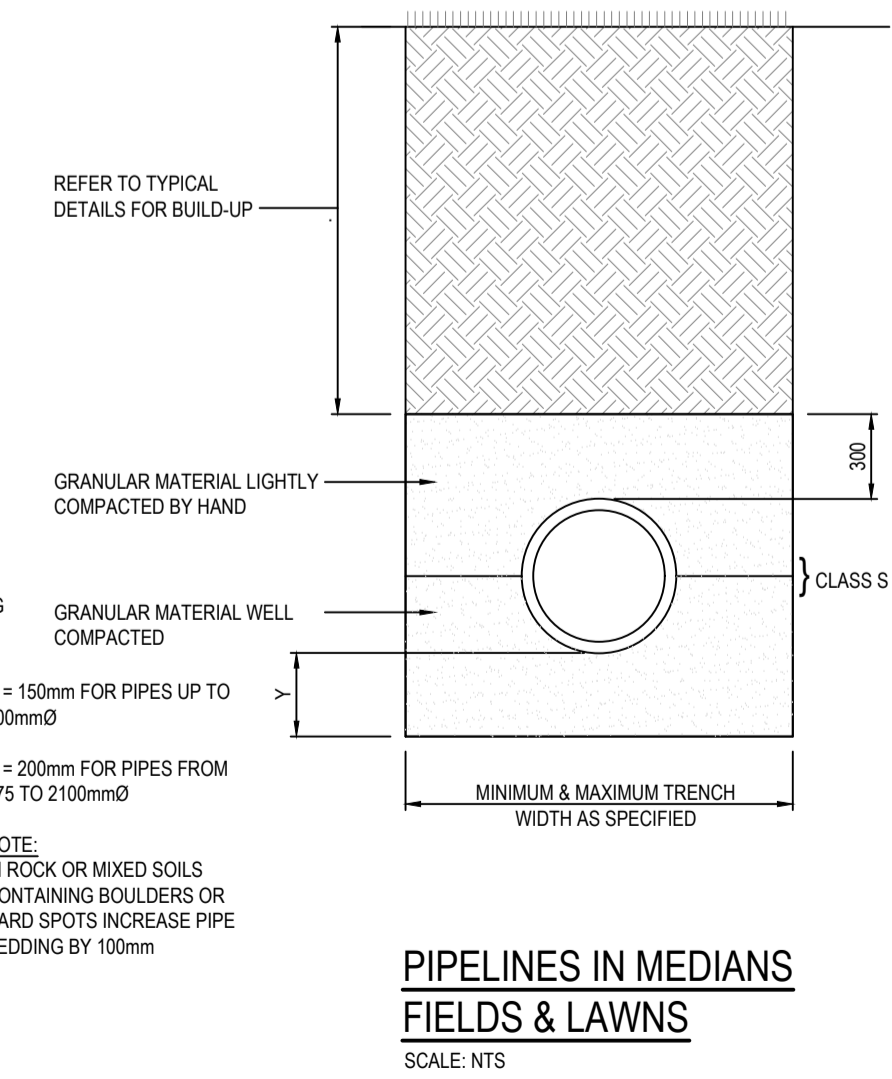
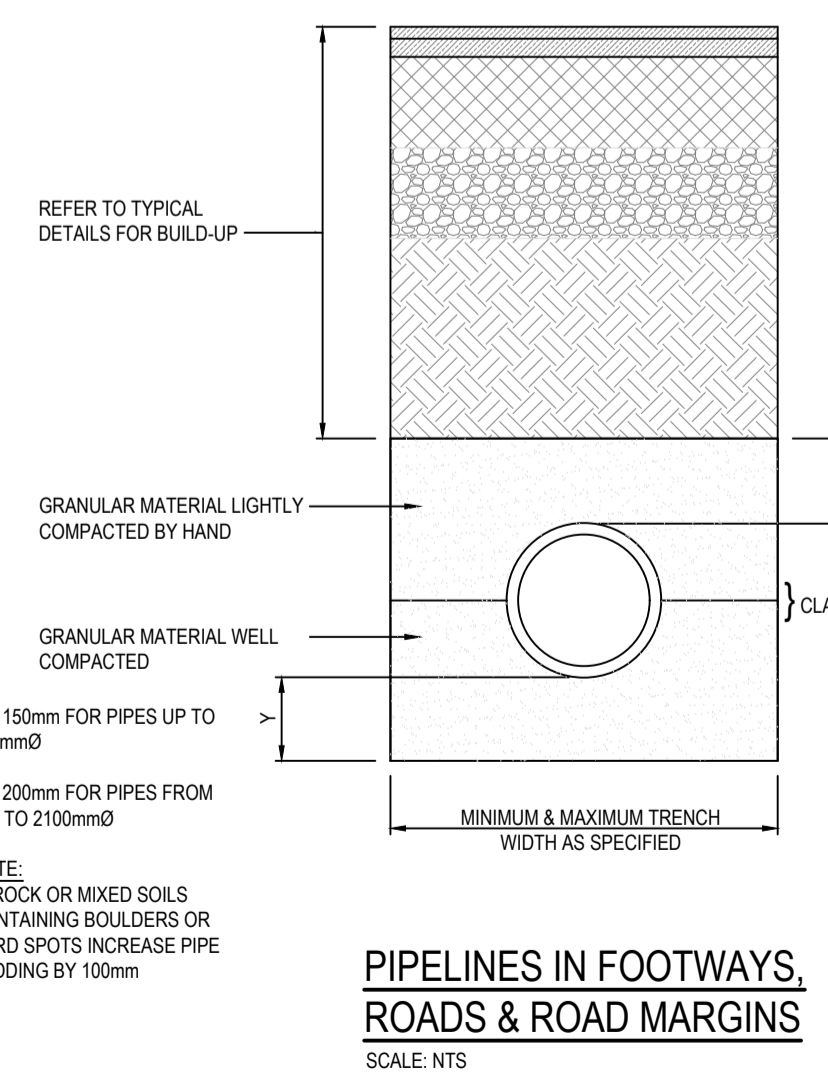
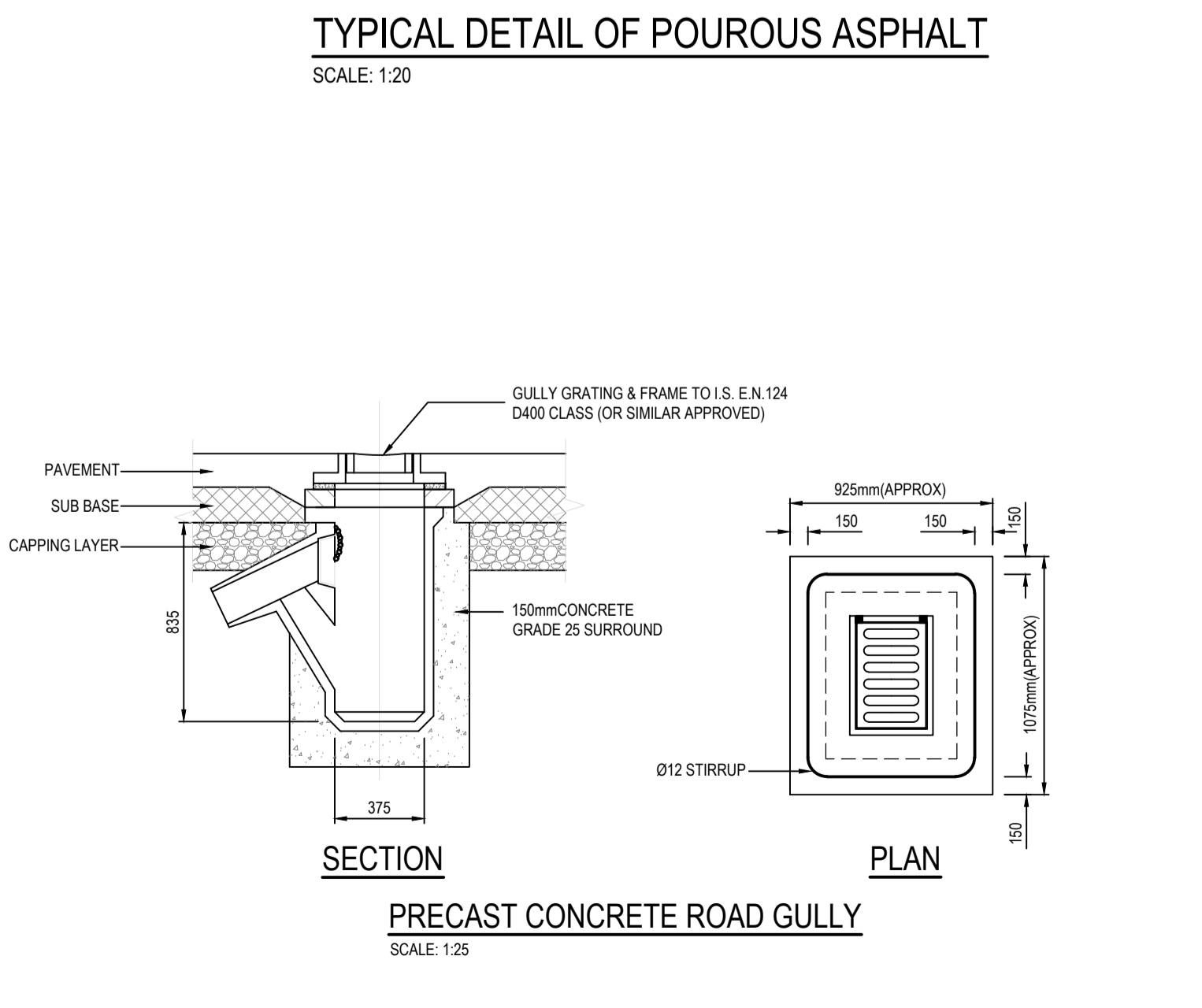
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Client: **KILDARE COUNTY COUNCIL**  
Comhairle Chontae Chill Dara  
MR. JOE BOLAND, DIRECTOR OF SERVICES  
WATER SERVICES & ENVIRONMENT

Project: **PROPOSED CIVIC AMENITY CENTRE & WASTE TRANSFER FACILITY AT KILMACREDDOCK UPPER, CASTLETOWN, CELBRIDGE, Co. KILDARE**

Drawing Title: **PROPOSED TYPICAL SITEWORKS DETAILS**

Drawn By: KD	Checked By: PD	Approved By: DOB	Date: AUG' 2017	Scale: AS NOTED	Sheet Size: A1
Project Number: DOBA1701	Drawing Number: CIVAMY-DOB-XX-SI-DR-C-0120	Status Code: S2	Rev Number: P03		



**TRENCH WIDTHS**

NOMINAL PIPE DIAMETER mm	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	430	700
150	490	800
225	580	900
300	680	1000
375	800	1200
450	920	1300
525	970	1400
600	1090	1500
675	1180	1600
750	1250	1700
900	1420	2200
1050	1625	2400
1200	1860	2600
1350	2060	2800
1500	2290	3000
1800	2800	3400