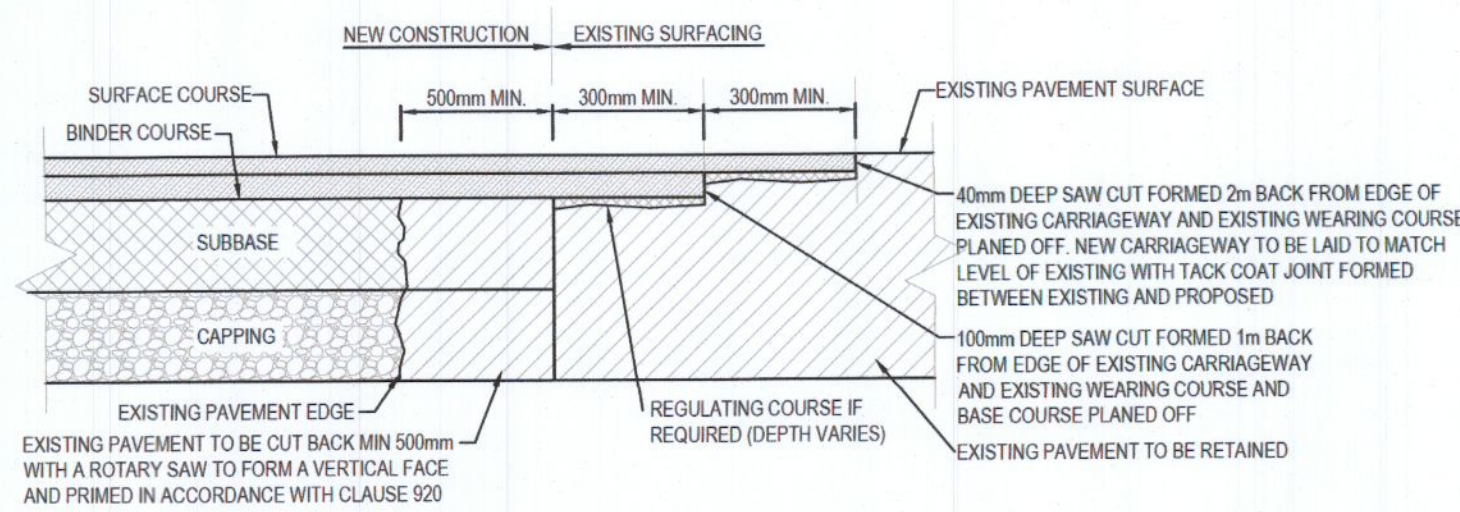


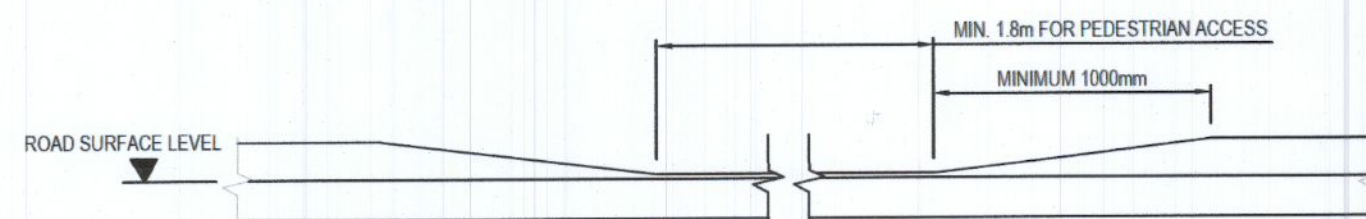
TYPICAL DETAIL OF TRAVERSE JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION
SCALE: 1:25



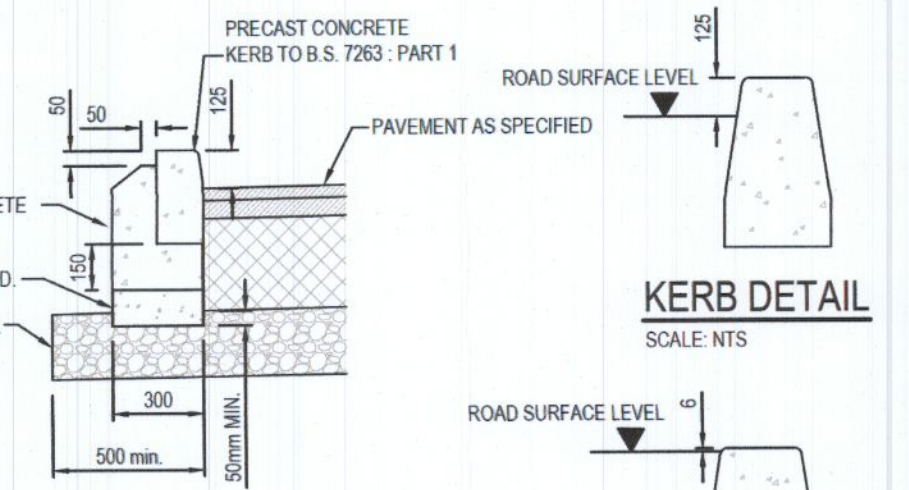
TYPICAL DETAIL OF LONGITUDINAL JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION
SCALE: 1:25

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 809 AND COMPACTED IN ACCORDANCE WITH CLAUSE 802



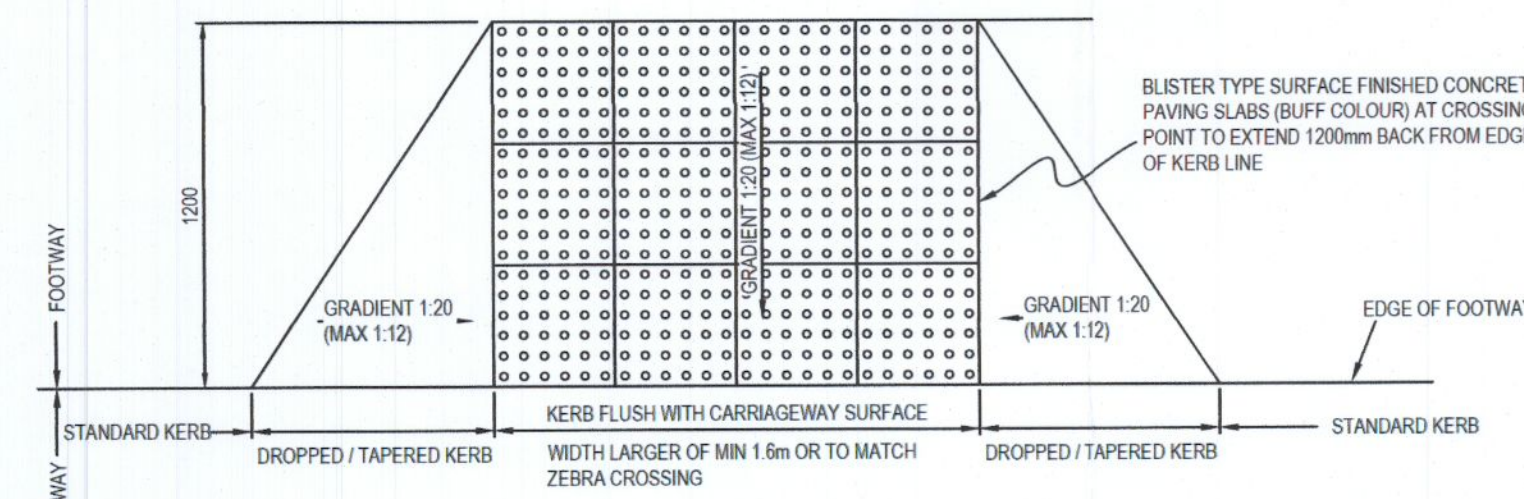
DROP KERB FRONT ELEVATION
SCALE: NTS



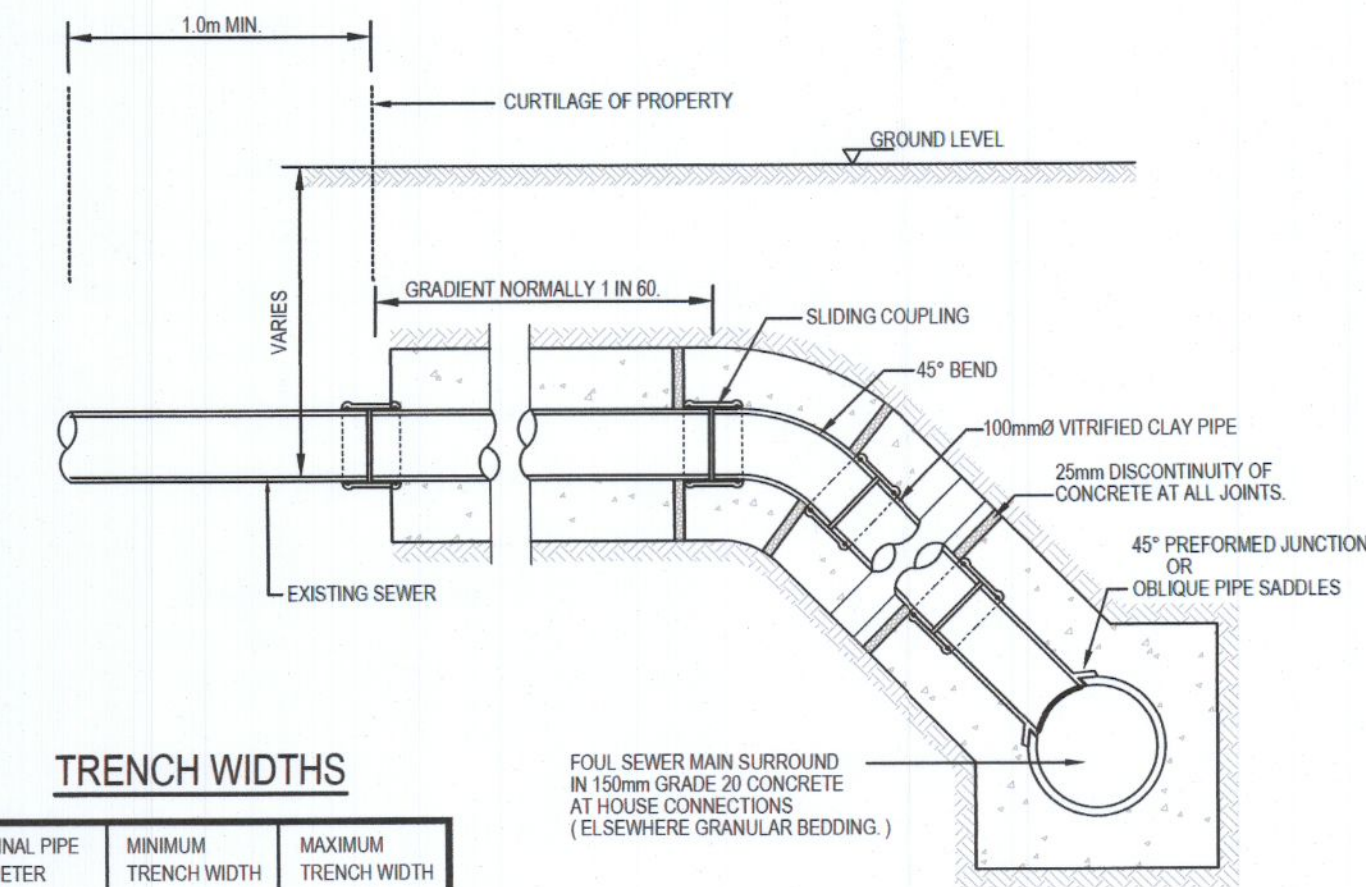
KERB DETAIL
SCALE: NTS



DROP KERB DETAIL
SCALE: NTS



TYPICAL TACTILE PAVING DETAIL (IN-LINE UNCONTROLLED CROSSING)
SCALE: NTS



TYPICAL HOUSE CONNECTION TO PUBLIC SEWER
SCALE: 1:20

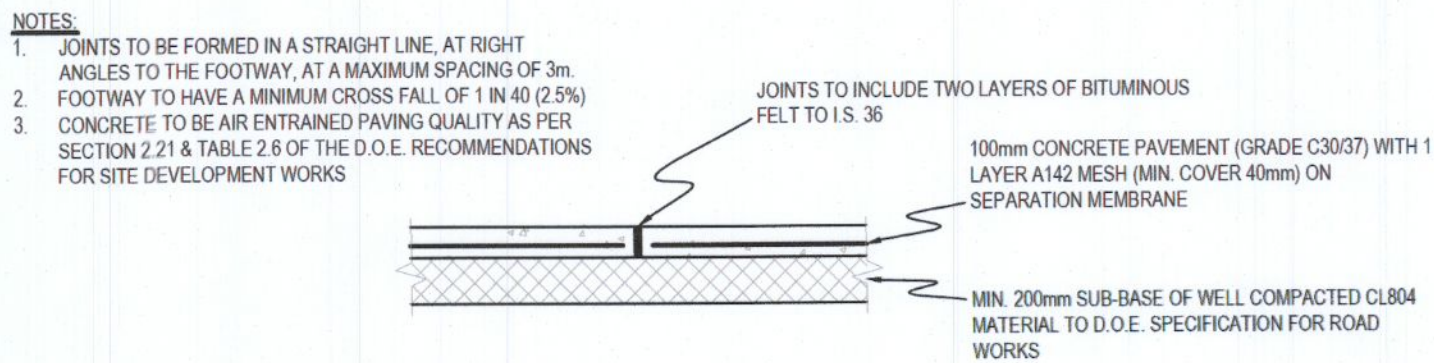
ROAD CONSTRUCTION NOTES:

- 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 MICROM 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.

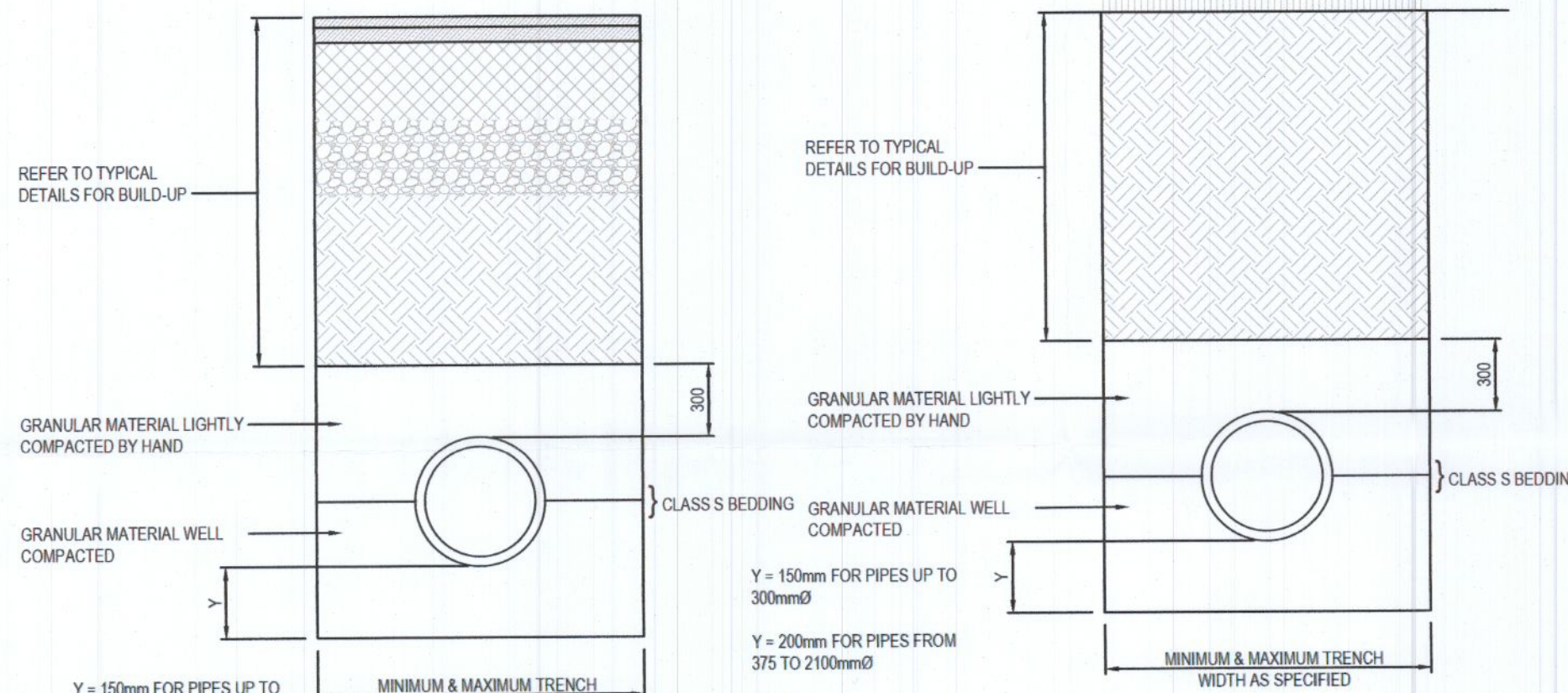
TABLE No.1

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



TYPICAL CONCRETE FOOTPATH DETAIL
SCALE: 1:25

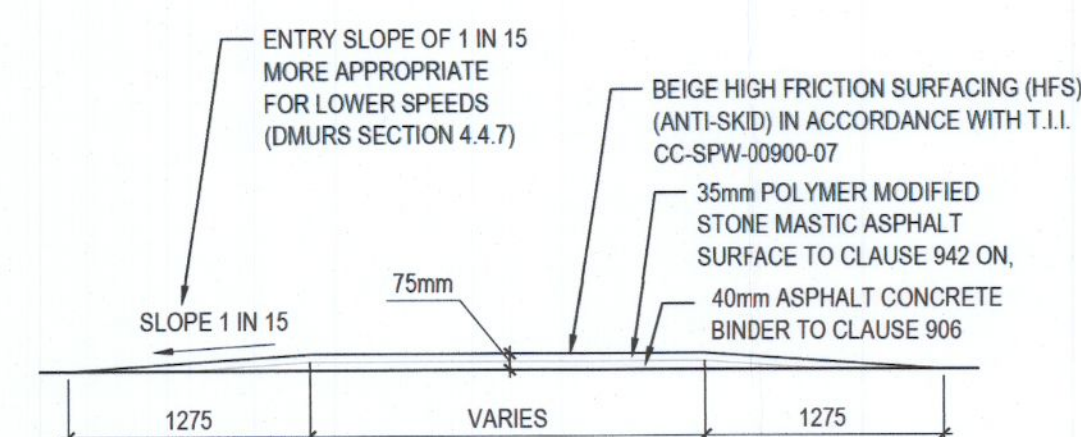


PIPELINES IN MEDIANS, FIELDS & LAWNS
SCALE: NTS

PIPELINES IN FOOTWAYS, ROADS & ROAD MARGINS
SCALE: NTS

TRENCH WIDTHS

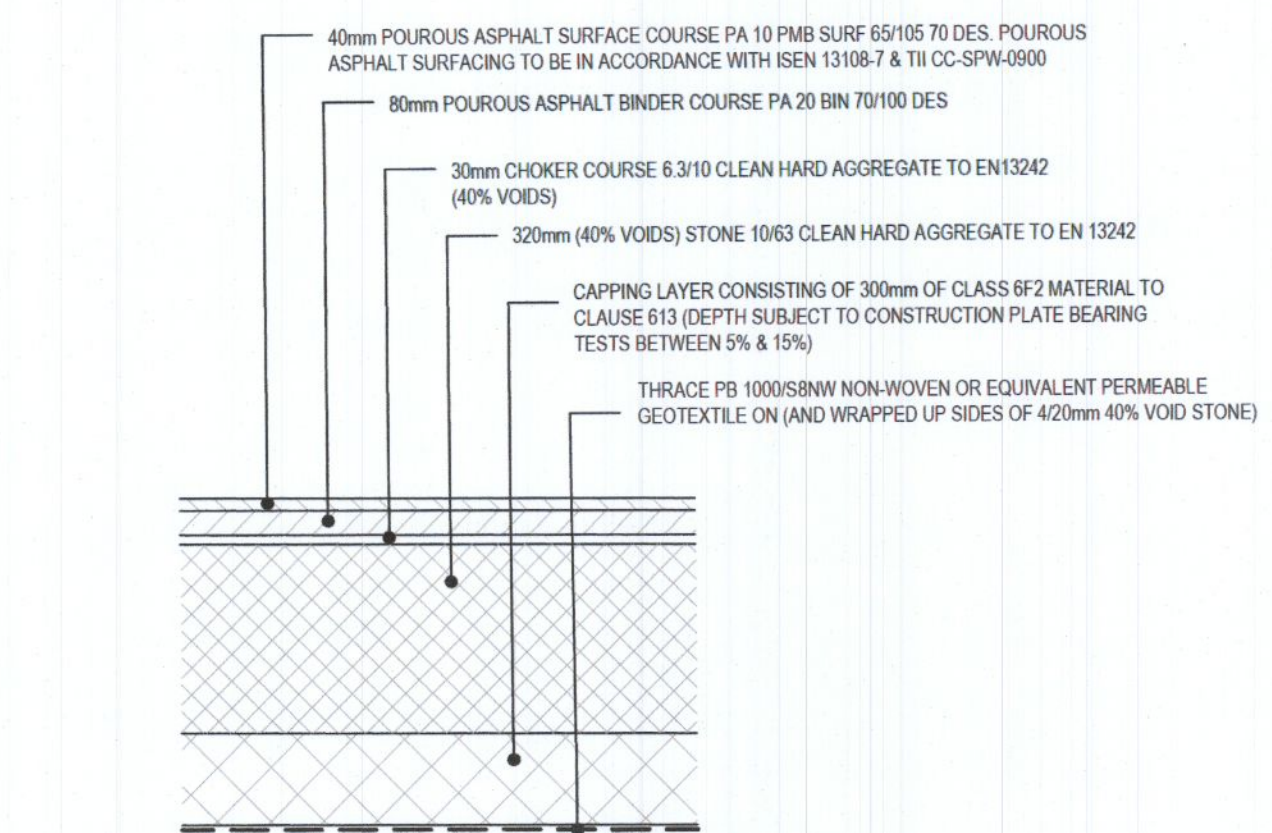
NOMINAL PIPE DIAMETER mm	MINIMUM TRENCH WIDTH mm	MAXIMUM TRENCH WIDTH mm
100	430	700
150	490	800
225	580	900
300	680	1000
375	800	1200
450	920	1300
525	970	1400
600	1090	1500
675	1180	1600
750	1250	1700
900	1420	2200
1050	1625	2400
1200	1860	2600
1350	2060	2800
1500	2290	3000
1800	2800	3400



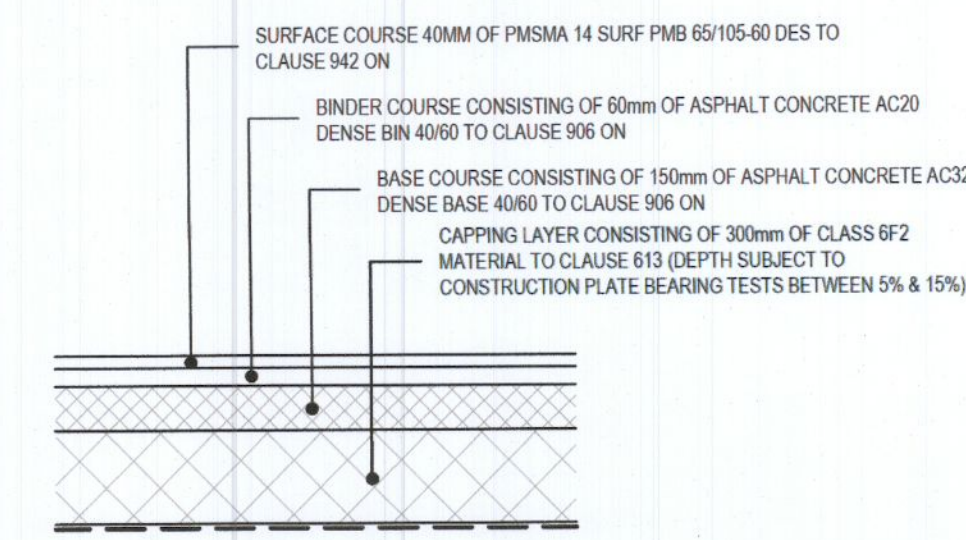
SECTION THRO' SPEED TABLE (TYPICAL)
SCALE 1:50

ISSUED FOR PLANNING

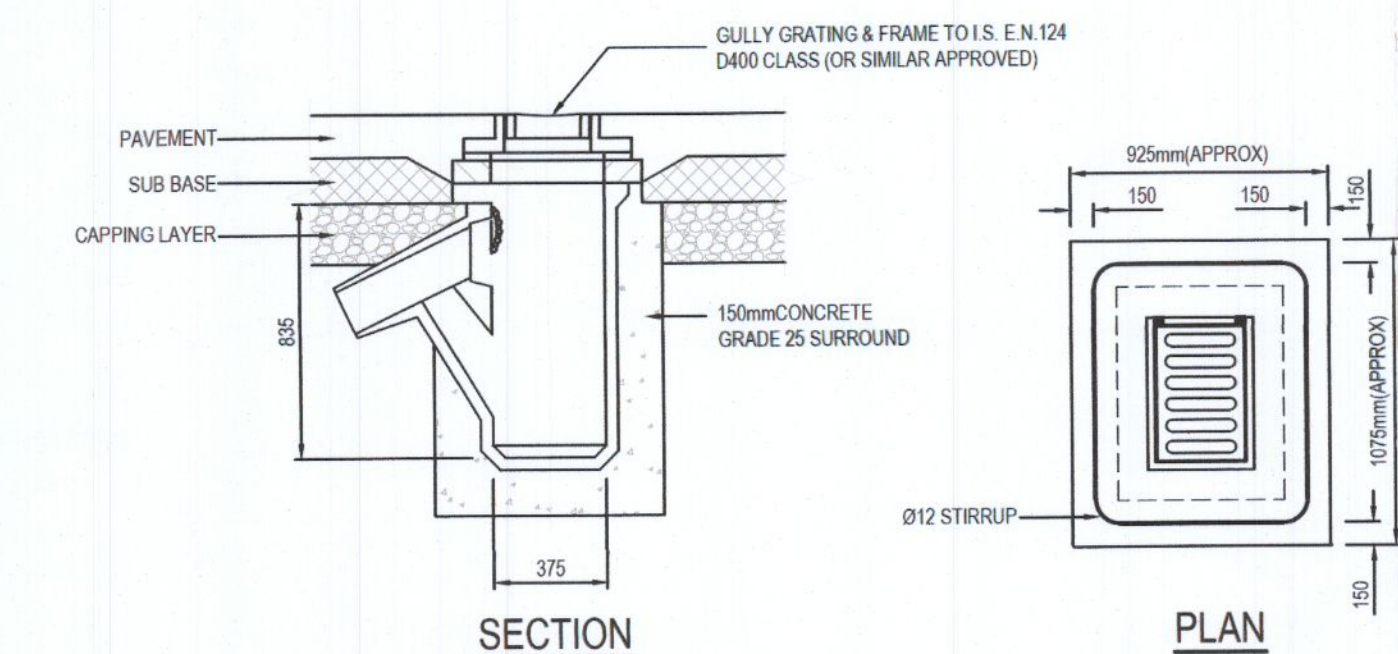
TYPICAL SIGNPOST FOUNDATION DETAIL
SCALE: 1:25



TYPICAL POROUS ASPHALT (PERMEABLE) ROAD CONSTRUCTION
SCALE: 1:20



TYPICAL ASPHALT (IMPERMEABLE) ROAD CONSTRUCTION
SCALE: 1:20



PRECAST CONCRETE ROAD GULLY
SCALE: 1:25

Rev.	Note	Date	Drawn	Check
S2.P01	ISSUED FOR INFORMATION	05.08.2022	BB	GB

Client: RATHGEARAN LTD
Project: PR HOUSING DEVELOPMENT, MAIN ST. NEWCASTLE, CO DUBLIN
Drawing Title: PROPOSED TYPICAL SITEWORKS DETAILS

Drawn By: KN
Checked By: GB
Approved By: DOB
Date: JULY 2022
Scale: NTS
Sheet Size: A1

Project Number: DOBA2203
Drawing Number: 2203-DOB-XX-SI-DR-C-0120
Status Code: S2
Rev Number: P01

DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS
UNIT 5C, ELM HOUSE, MILLENNIUM PARK, NAAS, CO. KILDARE
PHONE: +353 45 954 042
INFO@DOBRIEN-ENGINEERS.IE
WWW.DOBRIEN-ENGINEERS.IE