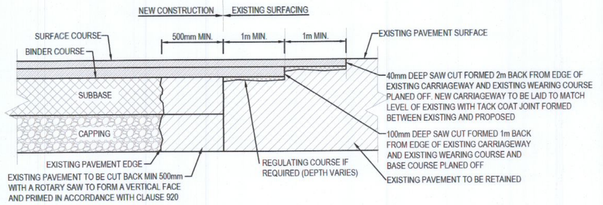
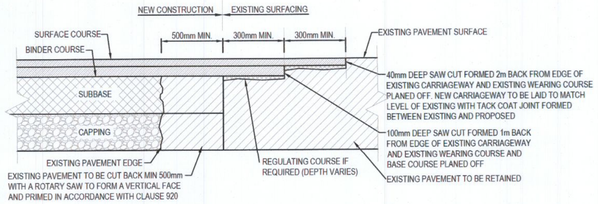
DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY ERRORS OR OMISSIONS



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

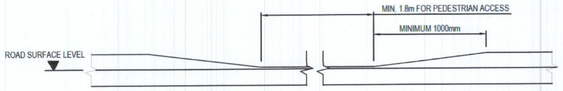
CONTRACTOR TO CARRY OUT CBR AT ROAD FORMATION LEVEL. IF CBR IS LESS THAN 5% CAPPING LAYER COMPRISING OF 6F2 MATERIAL IS REQUIRED

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

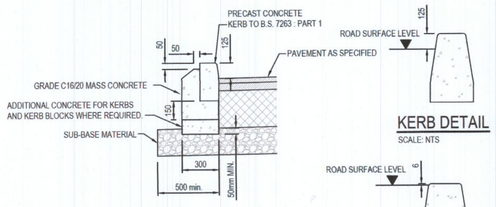
BASE COURSE MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906, 907, 929 & 930 AND LAID AND COMPACTED IN ACCORDANCE WITH CLAUSE 903 OF THE NRA SRW

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



DROP KERB FRONT ELEVATION

SCALE: NTS

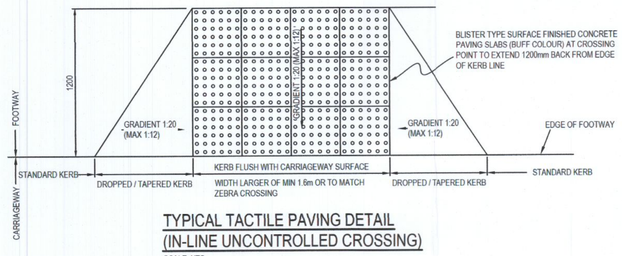


KERB DETAIL

SCALE: 1:20

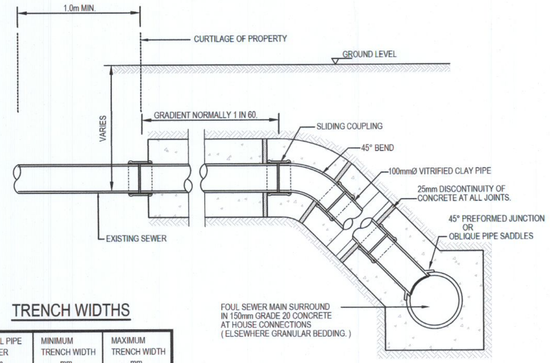
DROP KERB DETAIL

SCALE: NTS



TYPICAL TACTILE PAVING DETAIL (IN-LINE UNCONTROLLED CROSSING)

SCALE: NTS



TYPICAL HOUSE CONNECTION TO PUBLIC SEWER

SCALE: 1:20

ROAD CONSTRUCTION NOTES:

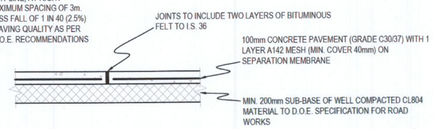
1. CAPPING LAYER MATERIAL SHOULD COMPRISE EITHER CRUSHED ROCK, NATURAL GRAVEL, CRUSHED GRAVEL, OR CRUSHED CONCRETE. THE MATERIAL SHOULD HAVE A MAXIMUM SIZE OF 100MM AND THE MAXIMUM ALLOWABLE PASSING THE 75 MICRON SIEVE SHOULD BE 10%. THE MATERIAL SHOULD BE WELL GRADED THROUGHOUT ALL SIZES. REFER TO TABLE 1 FOR MINIMUM CONSTRUCTION THICKNESS OF CAPPING LAYER.
2. 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.
3. 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.
4. 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

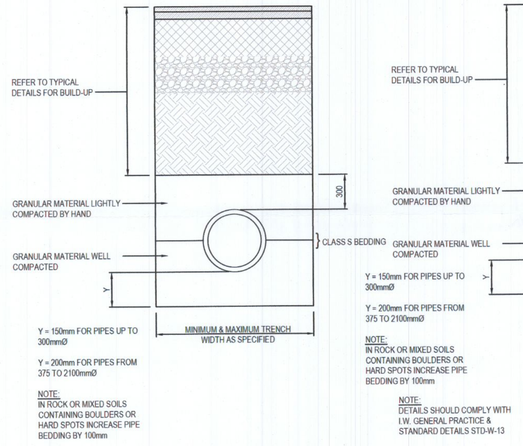
NOTE: ALLOW FOR 4 NO. CBR TESTS TO BE CARRIED OUT IN LOCATIONS SPECIFIED BY THE ENGINEER

NOTES:
1. JOINTS TO BE FORMED IN A STRAIGHT LINE, AT RIGHT ANGLES TO THE FOOTWAY, AT A MAXIMUM SPACING OF 3m.
2. FOOTWAY TO HAVE A MINIMUM CROSS FALL OF 1 IN 40 (2.5%)
3. CONCRETE TO BE AIR ENTRAINED PAVING QUALITY AS PER SECTION 2.21 & TABLE 2.6 OF THE D.O.E. RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS



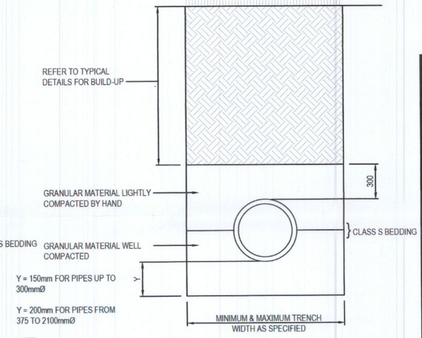
TYPICAL CONCRETE FOOTPATH DETAIL

SCALE: 1:25



PIPELINES IN FOOTWAYS, ROADS & ROAD MARGINS

SCALE: NTS

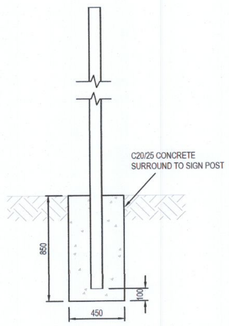


PIPELINES IN MEDIANS FIELDS & LAWNS

SCALE: NTS

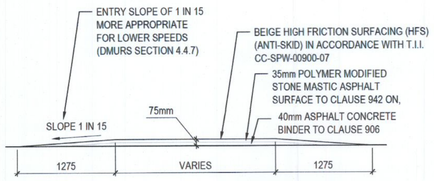
TRENCH WIDTHS

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



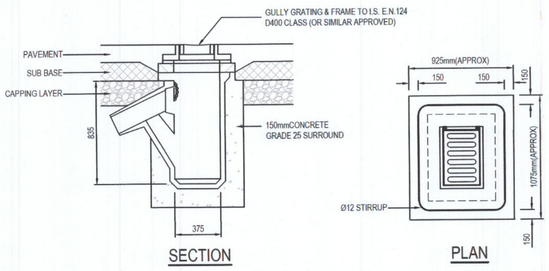
TYPICAL SIGNPOST FOUNDATION DETAIL

SCALE: 1:25



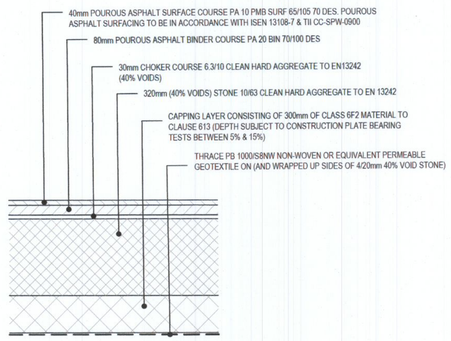
SECTION THRO' SPEED TABLE (TYPICAL)

SCALE 1:50



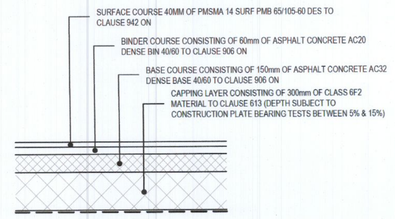
PRECAST CONCRETE ROAD GULLY

SCALE: 1:25



TYPICAL POROUS ASPHALT (PERMEABLE) ROAD CONSTRUCTION

SCALE: 1:20



TYPICAL ASPHALT (IMPERMEABLE) ROAD CONSTRUCTION

SCALE: 1:20

ISSUED FOR PLANNING

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

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Client: RATHGEARAN LTD

Project: PR HOUSING DEVELOPMENT, MAIN ST. NEWCASTLE, CO DUBLIN

Drawing Title: PROPOSED TYPICAL SITEWORKS DETAILS

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

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