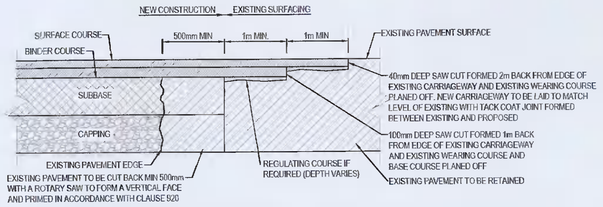
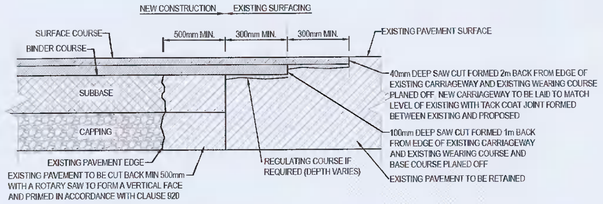


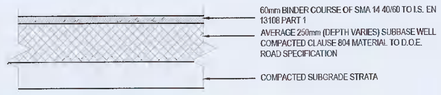
TYPICAL DETAIL OF TRAVERSE JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION

SCALE: 1:25



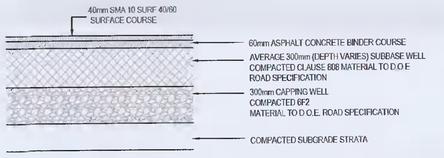
TYPICAL DETAIL OF LONGITUDINAL JOINT BETWEEN NEW AND EXISTING ROAD CONSTRUCTION

SCALE: 1:25



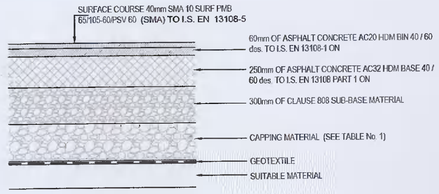
TYPICAL PEDESTRIAN ACCESS / FOOTWAY

SCALE: 1:20



TYPICAL CAR PARK/TRAFFICKED BALL COURT DETAIL

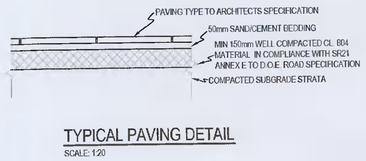
SCALE: 1:25



TYPICAL ROADWAY (SMA SURFACE) DETAIL

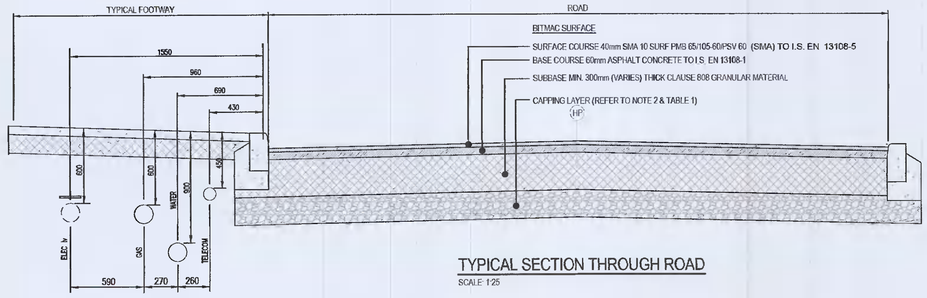
SCALE: 1:25

NOTES:
1. CONTRACTOR TO CARRY OUT CBR AT ROAD FORMATION LEVEL. IF CBR IS LESS THAN 5% CAPPING LAYER COMPRISING OF 6F2 MATERIAL IS REQUIRED
2. 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.
3. 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
4. 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
5. SUB-BASE MATERIAL SHALL BE TYPE B GRANULAR MATERIAL IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN ACCORDANCE WITH CLAUSE 802



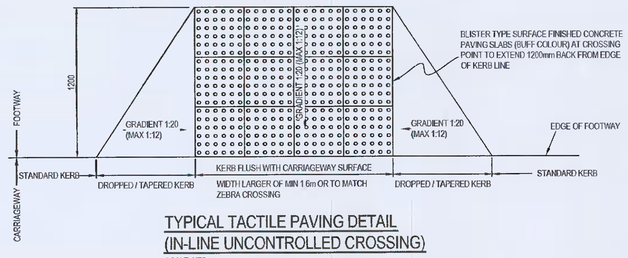
TYPICAL PAVING DETAIL

SCALE: 1:20



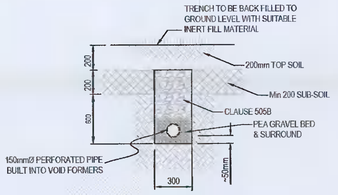
TYPICAL SECTION THROUGH ROAD

SCALE: 1:25



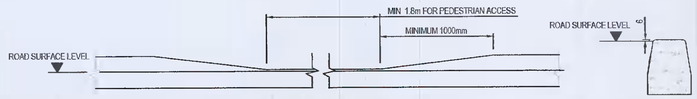
TYPICAL TACTILE PAVING DETAIL (IN-LINE UNCONTROLLED CROSSING)

SCALE: NTS



TYPICAL DETAIL OF LAND DRAIN

SCALE: 1:20

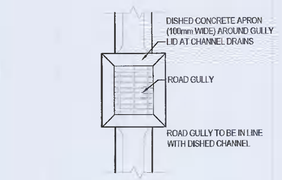


DROP KERB FRONT ELEVATION

SCALE: NTS

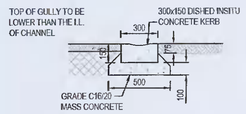
DROP KERB DETAIL

SCALE: NTS



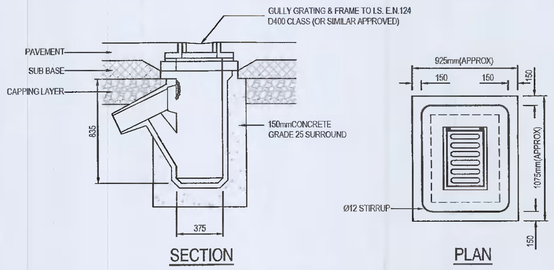
PLAN OF DISHED CHANNEL AT GULLY LOCATION

SCALE: 1:25



DISHED CHANNEL DETAILS

SCALE: 1:25



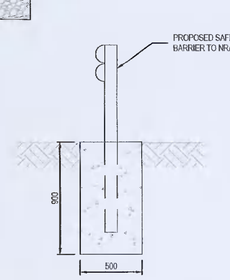
SECTION PLAN

PRECAST CONCRETE ROAD GULLY

SCALE: 1:25

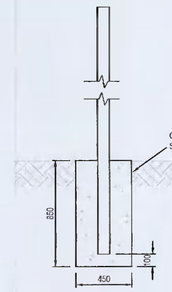
TYPICAL ACO CHANNEL SECTION

SCALE: 1:25



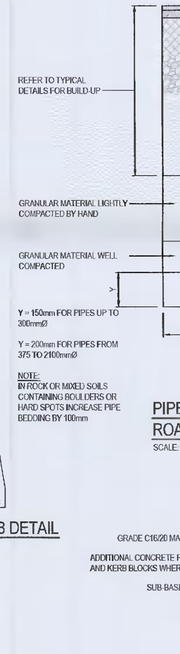
TYPICAL SAFETY BARRIER DETAIL

SCALE: 1:25



TYPICAL SIGNPOST FOUNDATION DETAIL

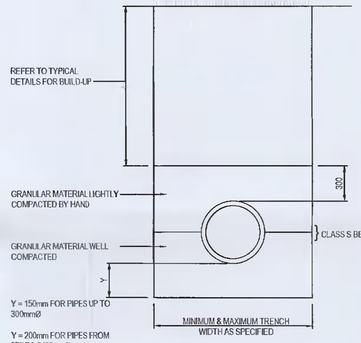
SCALE: 1:25



NOTE:
IN ROCK OR MIXED SOILS CONTAINING BOULDERS OR HARD SPOTS INCREASE PIPE BEDDING BY 100mm

PIPELINES IN FOOTWAYS, ROADS & ROAD MARGINS

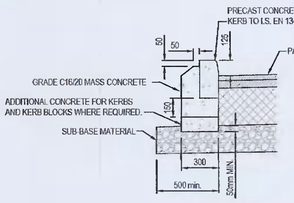
SCALE: NTS



NOTE:
IN ROCK OR MIXED SOILS CONTAINING BOULDERS OR HARD SPOTS INCREASE PIPE BEDDING BY 100mm

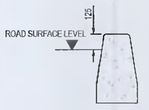
PIPELINES IN MEDIANS FIELDS & LAWNS

SCALE: NTS



KERB DETAIL

SCALE: 1:25



KERB DETAIL

SCALE: NTS

GENERAL NOTES:

1. FOR STANDARD DOBA NOTES REFER TO DRAWING DOBA1529-S-0001 & S-0002
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT'S & ENGINEER'S DRAWINGS AND SPECIFICATIONS.
3. USE FIGURED DIMENSIONS ONLY. DO NOT SCALE
4. ALL FFL AND SSL TO BE CONFIRMED BY ARCHITECT
5. ALL DPC's, DPM's, RADON BARRIERS, INSULATION AND ALL WEATHERING DETAILS TO ARCHITECT'S DRAWINGS & SPECIFICATIONS
6. 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:

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 ATTAVICE 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.

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	2220	3000
1800	2800	3400

ISSUED FOR PLANNING

Rev.	Note	Date	Drawn	Check
S4.P01	ISSUED FOR PLANNING	15.02.2022	TN	RK

DONNACHADH O'BRIEN & ASSOCIATES CONSULTING ENGINEERS
UNIT 5C ELM HOUSE MILLENNIUM PARK NAAS CO. KILDARE
PHONE +353 45 984 042
INFO@DOBRIEN-ENGINEERS.IE
WWW.DOBRIEN-ENGINEERS.IE

Client:	DUBLIN & DUN LAOGHAIRE ETB
Project:	LUCAN COMMUNITY COLLEGE
Drawing Title:	TYPICAL SITEWORKS DETAILS SHEET 1 OF 2

Drawn By:	Checked By:	Approved By:	Date:	Scale:	Sheet Size:
RR	RK	DOB	19.09.2016	AS SHOWN	A1

Project Number:	Drawing Number:	Status Code:	Rev Number:
DOBA1446	LCC-DOB- XX-SI- DR-C-0015	S4	P01