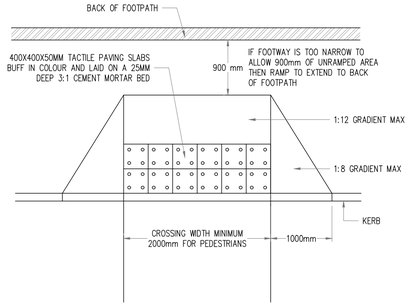
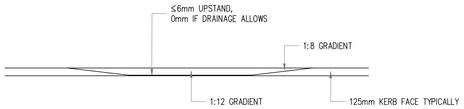


NOTES: (UNCONTROLLED)

1. TACTILE PAVING SLABS 400X400mm BUFF IN COLOUR.
2. CONFIGURATION TO BE 2 ROWS, OF 6 NUMBER WIDE, 400mm sq. TACTILE TILES ON BOTH SIDES OF THE ROAD.
3. THE TACTILE DOMES ON THE TILES MUST BE LINED UP UP TO GIVE THE DIRECTION OF TRAVEL IN ORDER TO CROSS THE ROAD STRAIGHT.
4. UTILITY/SERVICE BOXES SHOULD NOT BE LOCATED IN TACTILE PAVED AREAS WHERE POSSIBLE.
5. TACTILE SLABS SHALL BE CUT SO AS TO MINIMIZE THE CREATION OF SLIVERS ALONG THE KERBLINE.
6. ANY GULLIES IN THE CROSSING TO BE RELOCATED.
7. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
8. ALL CLAUSE REFERENCES RELATE TO VOLUME 1 SPECIFICATION FOR ROAD WORKS (TII).

TACTILE PAVING PLAN AT UNCONTROLLED PEDESTRIAN CROSSINGS.

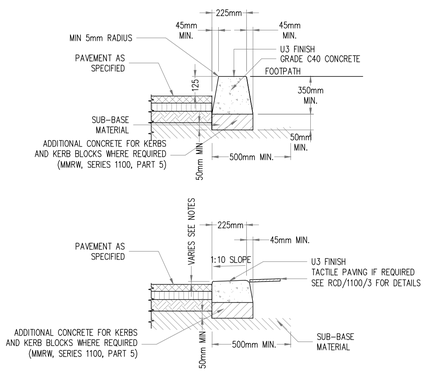
SCALE: 1:50



TACTILE PAVING ELEVATION.

SCALE: 1:50

NOTES:
1. IN SITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF B.S. 5931.
2. KERBS SHALL BE PROTECTED FROM THE EFFECTS OF ADVERSE WEATHER UNTIL CURED.
3. DROP KERB HEIGHT VARIES FROM 25mm FOR VEHICULAR ACCESSES AND 0-6mm FOR PEDESTRIAN CROSSINGS.

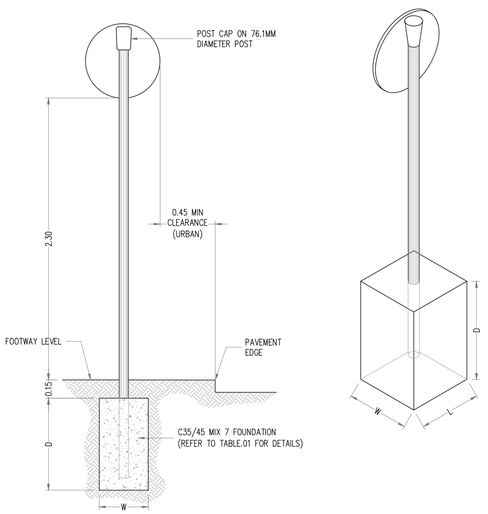


IN SITU CONCRETE KERBS CC-SCD-01102

SCALE: 1:20

NOTE:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS STATED OTHERWISE.
2. ALL STEELWORK TO BE GRADE S235 J2 IN ACCORDANCE WITH IS.EN 12899-1.
3. ALL STEELWORK TO BE HOT-DIP GALVANIZED IN ACCORDANCE WITH IS.EN ISO 1461.
4. CHECK THE UNDERGROUND SERVICES AT AN EARLY STAGE (AND ACCOMMODATE AS MAY BE NECESSARY).
5. REFER TO TRAFFIC SIGN MANUAL FOR ALL STANDARD DIMENSION.
6. POST EMBEDMENT TO BE 0.75xD
7. ORIENTATION OF SIGN:
   - ON A STRAIGHT ROAD – HORIZONTAL AXIS 90° AWAY FROM THE GENERAL ALIGNMENT OF THE LEFT-HAND SIDE OF THE CARRIAGEWAY
   - ON A RIGHT-HAND BENDS – 90° ANGEL TO A LINE TANGENTIAL TO THE LEFT-HAND EDGE OF CARRIAGEWAY
   - ON A LEFT-HAND BENDS – 95° FROM A LINE JOINING THE EDGE OF CARRIAGEWAY 200m IN ADVANCE OF THE SIGN

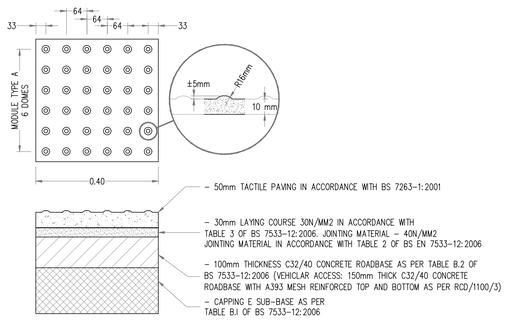


TRAFFIC SIGN (SINGLE POST)

SCALE: N.T.S

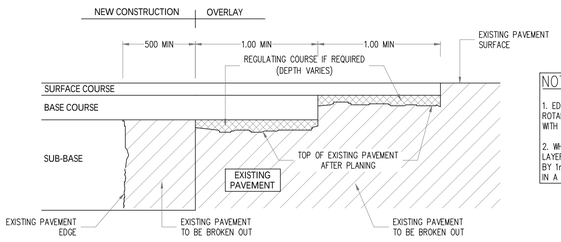
TABLE.01

SUMMARY	TRADITIONAL FOUNDATION OPTION 1			TRADITIONAL FOUNDATION OPTION 2			PLANTED FOUNDATION		POST DETAILS		
SIGN FACE AREA	L	W	D	L	W	D	ø	D	ø	WALL THICKNESS	TYPE
≤0.283 m² (ø600mm)	0.75	0.40	0.55	0.55	0.55	0.55	0.40	0.50	76.1	3.2	CHS
0.283≤AREA≤0.5625m² (BETWEEN 600ø & 750x750)	0.75	0.65	0.65	0.70	0.70	0.70	0.40	0.65	76.1	3.2	CHS
0.5625≤AREA≤1.189m² (750X750 TO 940x1265m²)	1.00	0.75	0.50	0.80	0.80	0.80	0.40	0.75	76.1	3.2	CHS



TACTILE PAVING AT CONTROLLED/UNCONTROLLED PEDESTRIAN CROSSINGS

SCALE: 1:10

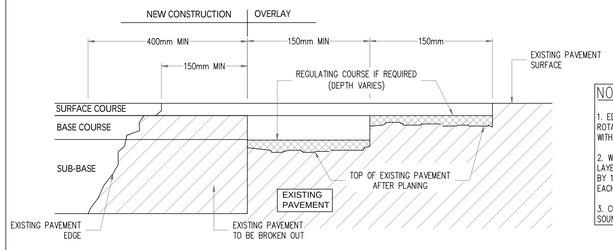


NOTES:

1. EDGES OF EXISTING CARRIAGE WAY TO BE CUT BACK BY 0.5m WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 10 OF TII PUBLICATIONS.
2. WHERE THE ROAD BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROAD BASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 1m MIN. WITH THE BINDER AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 1m MIN. RESPECTIVELY.

TRANSVERSE JOINT BETWEEN NEW & EXISTING ROAD TII CC-SCD-00703.

SCALE: 1:25

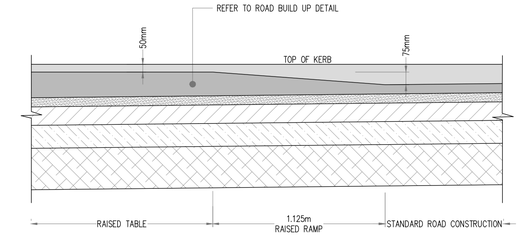


NOTES:

1. EDGES OF EXISTING CARRIAGEWAY TO BE CUT BACK BY 400mm WITH A ROTARY SAW TO FORM A VERTICAL FACE AND PRIMED IN ACCORDANCE WITH CLAUSE 10 OF TII PUBLICATIONS.
2. WHERE THE ROAD BASE IS TO BE LAID IN TWO LAYERS, THE UPPER LAYER OF ROAD BASE SHOULD BE STEPPED INTO THE EXISTING PAVEMENT BY 150mm MIN. WITH THE BINDER COURSE AND SURFACE COURSE TO BE EACH STEPPED IN A FURTHER 150mm MIN. RESPECTIVELY.
3. CUTBACK AND BENCHING IN SHALL BE INCREASED AS NECESSARY UNTIL SOUND CLEAN MATERIAL IS ENCOUNTERED.

LONGITUDINAL JOINT BETWEEN NEW AND EXISTING ROAD TII CC-SCD-00704.

SCALE: 1:25



TYPICAL RAISED TABLE CROSS SECTION

SCALE 1:20

TABLE 1

FLEXIBLE PAVEMENT

THE MINIMUM REQUIRED THICKNESS OF NON-FROST SUSCEPTIBLE CAPPING MATERIAL IS SHOWN HEREUNDER:-

CBR SUBGRADE %	BELOW 2	2 – 5	5 – 15	15+
THICKNESS OF CAPPING(mm)	GEOGRID DESIGN	300	150	NO CAPPING

CBR TESTS SHALL BE CARRIED OUT AT A RATE OF ONE TEST PER 100 METERS OF ROAD

ALL ROADS DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS AND WITH REFERENCE TO THE DESIGN MANUAL FOR URBAN ROADS AND STREETS

NOTES:

1. FOR AREAS WHERE CBR VALUE IS BELOW 2%, CARRY OUT THE FOLLOWING:

   -THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/1B) TO TII SPECIFICATION TO THE UNDERSIDE OF A GEOGRID LAYER (ENKAGRID TC 40 OR SIMILAR 40kN/m). SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

   AN ENGINEER SHOULD INSPECT THE SOFT AREA WHEN IT HAS BEEN FULLY EXCAVATED OUT PRIOR TO THE FILL /STABILISED MATERIAL BEEN PLACED/WORKED.

2. FOR AREAS WHERE CBR VALUES ARE BETWEEN 2% AND 5%, CARRY OUT THE FOLLOWING:

   -THE SOIL IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A CAPPING MATERIAL TYPE 6F1/6F2 TO TII SPECIFICATIONS. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

C130

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NOTES
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Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By

Architect	Reddy & Associates
Project	Proposed Development at Flemington Lane, Co. Dublin
Title	Road Construction Details
Dwg. No.	FLEM-CSC-ZZ-XX-DR-C-0015

Date	Drn by	Chkd by	Aprvd by	Scale	Revision
Aug 2022	IK	GL	NB	As Shown@A1	

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