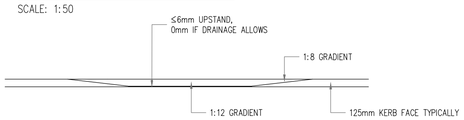


TACTILE PAVING PLAN AT UNCONTROLLED PEDESTRIAN CROSSINGS.

SCALE: 1:50

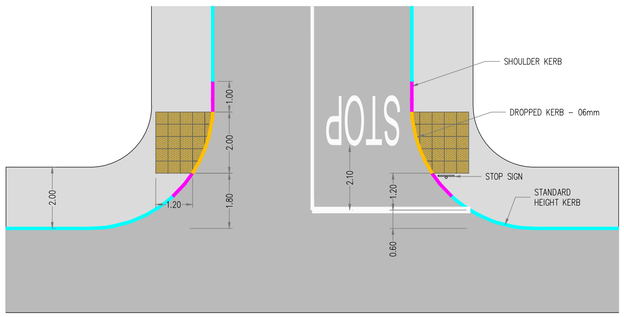
NOTES: (UNCONTROLLED)

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).



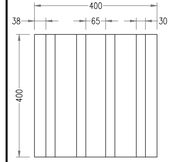
TACTILE PAVING ELEVATION.

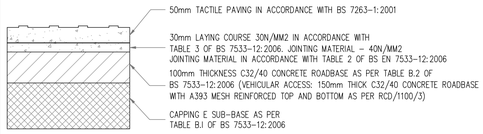
SCALE: 1:50



RESIDENTIAL DEVELOPMENT. STANDARD T JUNCTION WITH TACTILE PAVING – FOOTPATH

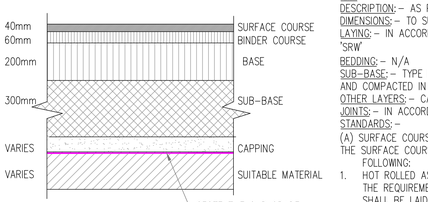
SCALE: 1:100





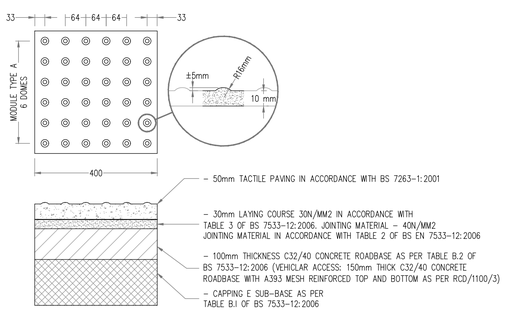
FLAT BAR TACTILE PAVING.

SCALE: 1:10



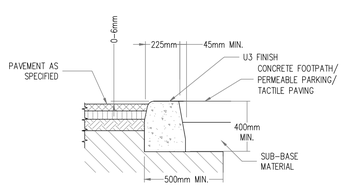
RM016

CARRIAGEWAY DETAILS: – ASPHALT ROAD – RESIDENTIAL DEVELOPMENT (>40 HOUSES)



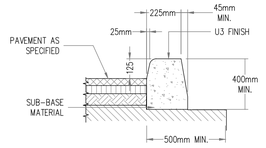
TACTILE PAVING AT CONTROLLED/UNCONTROLLED PEDESTRIAN CROSSINGS.

SCALE: 1:10



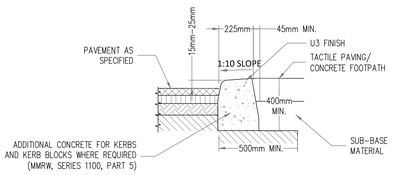
0–6mm KERB DETAIL

SCALE: 1:20



KERB DETAIL AT 125mm SHOW

SCALE: 1:20



15mm–25mm KERB DETAIL

SCALE: 1:20

NOTES:

1. IN SITU CONCRETE KERBS SHALL COMPLY WITH THE RECOMMENDATIONS OF B.S. 5931.
2. KERBS SHALL BE PROTECTED FROM THE EFFECTS ADVERSE WEATHER UNTIL CURED.
3. DROP KERB HEIGHT VARIES FROM 15–25mm FOR VEHICULAR ACCESSES AND 0–6mm FOR PEDESTRIAN CROSSINGS.
4. CONCRETE SHALL BE C32/40, EXPOSURE CLASS XF4 TO TII SRW CLAUSE 1106. MAX W/C RATIO 0.5 & MIN. CEMENT CONTENT 340Kg/m3.
5. VERTICAL EXPANSION JOINTS AT 40m SPACING & INTERMEDIATE CONTRACTION JOINTS AT 5m SPACING.

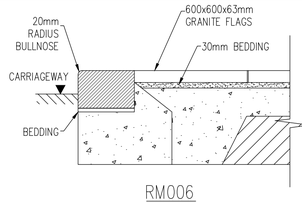
WORK ELEMENT:– ASPHALT ROAD
USE:– RESIDENTIAL DEVELOPMENT (MORE THAN 40 HOUSES)
DESCRIPTION:– AS PER TYPICAL DETAILS
DIMENSIONS:– TO SUIT LOCATION
LAYING:– IN ACCORDANCE WITH SPECIFICATION FOR ROADWORKS 'SRW'
BEDDING:– N/A
SUB-BASE:– TYPE B MATERIAL IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW
OTHER LAYERS:– CAPPING LAYER THICKNESS DEPENDS ON CBR
JOINTS:– IN ACCORDANCE WITH SPECIFICATION
STANDARDS:–
(A) SURFACE COURSE
THE SURFACE COURSE EMPLOYED MAY BE ON EACH OF THE FOLLOWING:
1. HOT ROLLED ASPHALT SURFACE COURSE: SHALL COMPLY WITH THE REQUIREMENT OF CLAUSE 911, 910 AND 943, SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903.
2. POLYMER MODIFIED STONE MASTIC ASPHALT COURSE: SHALL COMPLY WITH THE REQUIREMENTS OF 942, SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(B) BINDER COURSE
BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 929, 930, 937 AND 943 SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(C) BASE COURSE
CARRIAGEWAY BASE MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906, 907, 929 AND 930 SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(D) SUB-BASE
SUB-BASE MATERIAL SHALL COMPRISE TYPE B GRANULAR MATERIAL, IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW.

(E) CAPPING LAYER
IF THE CBR IS LESS THAN 5% THEN A CAPPING LAYER IS REQUIRED. REFER TO TABLE 2.1 FOR DETAILS. CAPPING MATERIAL SHOULD COMPRISE OF CLASS 6F2 MATERIAL IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612 SRW
FINISH:– N/A
MISCELLANEOUS:– THE THICKNESS OF THE MATERIAL DESCRIBED SHALL MEET THE FINISHED OR COMPACTED THICKNESS. THE DIMENSIONS ON THE TYPICAL DETAIL REPRESENTS THE MINIMUM REQUIREMENTS. THE DESIGNER IS STILL RESPONSIBLE FOR PROVIDING APPROPRIATE DEPTHS FOR PROJECTED TRAFFIC REQUIREMENTS, GROUND CONDITIONS AND ANY ADDITIONAL DESIGN. REQUIREMENTS THAT MAY EXIST I.E. (GREATER DEPTHS OF CONSTRUCTION MATERIAL MAY BE REQUIRED). CAPPING IF REQUIRED SHOULD COMPOSE OF 6F1 OR 6F2 MATERIAL IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612.



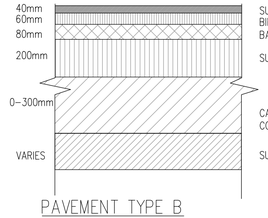
RM006

FOOTWAY DETAILS: – GRANITE FLAGS

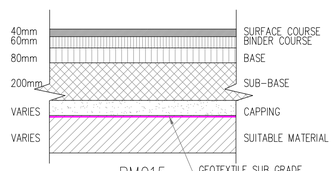
WORK ELEMENT:– GRANITE FLAGS
USE:– PEDESTRIAN USE ONLY
DESCRIPTION:– SILVER, GREY OR BEIGE GRANITE
DIMENSIONS:– 600x600x63mm
LAYING:– N/A
BEDDING:– SAND/CEMENT 3:1 (30mm THICK)
SUB-BASE:– SEMI-DRY CONCRETE 150mm CEMENT BOUND MATERIAL (CBM) CATEGORY 3 TII 'SPECIFICATION FOR ROADWORKS' (SRW) TO CLAUSE 1038 (THE RATIO BY MASS OF CEMENT TO AGGREGATE SHALL BE SUFFICIENT TO PRODUCE A 7 DAY STRENGTH OF 10/Nmm²)
OTHER LAYERS:– ACCEPTABLE MATERIAL THAT MEETS THE REQUIREMENTS OF TABLE 6/1 IN VOLUME 1 OF THE SRW
JOINTS:– 6mm WIDE GROUND WITH 3:1 SAND CEMENT WET SLURRY MIX AND FINISHED SLIGHTLY ROUNDED. THE SAND SHALL COMPLY WITH GRADE F IN TABLE 5 OF I555.
STANDARDS:– NATURAL STONE KERBS SHALL COMPLY WITH REQUIREMENTS OF EN 1343:2012 "KERBS OF NATURAL STONE FOR EXTERNAL PAVING"

- FLEXURAL STRENGTH NOT LESS THAN 8.6N/mm²
- SKID/SLIP RESISTANCE USRU NOT LESS THAN 45
- POLISHED STONE VALUE NOT LESS THAN 50
- WATER ABSORPTION NOT MORE THAN 0.3% BULK DENSITY

FINISH:– BUSH HAMMERED OR FLAME FINISHED
MISCELLANEOUS:– GRANITE SAMPLE ARE TO BE PROVIDED BEFORE COMMENCEMENT OF ALL WORK TO ROAD MAINTENANCE NAME AND ADDRESS OF PROVIDER OR SUPPLIER SHALL BE INDICATED ON THE SAMPLE AS WELL AS IDENTIFICATION OF THE MATERIAL. INDICATING TRADE NAME PHOTOGRAPHIC DESCRIPTION, COUNTRY OF ORIGIN AND EXTRACTION AREA. THE PLAN/DIAGONAL THICKNESS DIMENSIONS SHALL COMPLY WITH REQUIREMENTS FOR CLASS 2 IN TABLES 1.2 & 5 EN1341:200.
NOTE:– NOTE IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5 OF THE CONSTRUCTION STANDARDS FOR ROADS AND STREET WORKS BY DCC.



PAVEMENT TYPE B CYCLE TRACK CONSTRUCTION



RM015

CARRIAGEWAY DETAILS: – ASPHALT ROAD – RESIDENTIAL DEVELOPMENT (10–40 HOUSES)

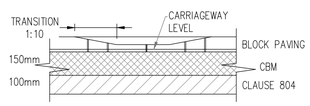
WORK ELEMENT:– ASPHALT ROAD
USE:– RESIDENTIAL DEVELOPMENT (10–40 HOUSES)
DESCRIPTION:– AS PER TYPICAL DETAILS
DIMENSIONS:– TO SUIT LOCATION
LAYING:– IN ACCORDANCE WITH SPECIFICATION FOR ROADWORKS 'SRW'
BEDDING:– N/A
SUB-BASE:– TYPE B MATERIAL IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW
OTHER LAYERS:– CAPPING LAYER THICKNESS DEPENDS ON CBR
JOINTS:– IN ACCORDANCE WITH SPECIFICATION
STANDARDS:–
(A) SURFACE COURSE
THE SURFACE COURSE EMPLOYED MAY BE ON EACH OF THE FOLLOWING:
1. HOT ROLLED ASPHALT SURFACE COURSE: SHALL COMPLY WITH THE REQUIREMENT OF CLAUSE 911, 910 AND 943, SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903.
2. POLYMER MODIFIED STONE MASTIC ASPHALT COURSE: SHALL COMPLY WITH THE REQUIREMENTS OF 942, SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(B) BINDER COURSE
BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 929, 930, 937 AND 943 SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(C) BASE COURSE
CARRIAGEWAY BASE MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906, 907, 929 AND 930 SRW. IT SHALL BE LAID AND COMPACTED TO CLAUSE 903 SRW.

(D) SUB-BASE
SUB-BASE MATERIAL SHALL COMPRISE TYPE B GRANULAR MATERIAL, IN ACCORDANCE WITH CLAUSE 808 AND COMPACTED IN COMPLIANCE WITH CLAUSE 802 SRW.

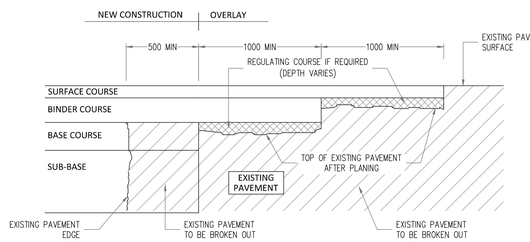
(E) CAPPING LAYER
IF THE CBR IS LESS THAN 5% THEN A CAPPING LAYER IS REQUIRED. REFER TO TABLE 2.1 FOR DETAILS. CAPPING MATERIAL SHOULD COMPRISE OF CLASS 6F2 MATERIAL IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612 SRW
FINISH:– N/A
MISCELLANEOUS:– THE THICKNESS OF THE MATERIAL DESCRIBED SHALL MEET THE FINISHED OR COMPACTED THICKNESS. THE DIMENSIONS ON THE TYPICAL DETAIL REPRESENTS THE MINIMUM REQUIREMENTS. THE DESIGNER IS STILL RESPONSIBLE FOR PROVIDING APPROPRIATE DEPTHS FOR PROJECTED TRAFFIC REQUIREMENTS, GROUND CONDITIONS AND ANY ADDITIONAL DESIGN. REQUIREMENTS THAT MAY EXIST I.E. (GREATER DEPTHS OF CONSTRUCTION MATERIAL MAY BE REQUIRED). CAPPING IF REQUIRED SHOULD COMPOSE OF 6F1 OR 6F2 MATERIAL IN ACCORDANCE WITH CLAUSE 613 AND COMPACTED IN COMPLIANCE WITH CLAUSE 612.



RM009

FOOTWAY DETAILS: – BLOCK PAVING VEHICULAR ENTRANCE

WORK ELEMENT:– BLOCK PAVING
USE:– VEHICULAR ENTRANCE
DESCRIPTION:– CONCRETE BLOCK PAVIORS
DIMENSIONS:– 100x200x60mm
LAYING:– IN ONE LAYER IN ACCORDANCE WITH BS 6717:PART 3, HERRINGBONE PATTERN
BEDDING:– 30mm
SUB-BASE:– 150mm CEMENT BOUND MATERIAL CATEGORY 3 TO CLAUSE 1038 TII 'SPECIFICATION FOR ROADWORKS' (SRW)
OTHER LAYERS:– 100mm CL808 SRW
JOINTS:– 2–5mm TO BE FILLED WITH SAND TO TABLE D3 BS 7533:PART 3:1997
STANDARDS:– PRECAST CONCRETE PAVING BLOCKS SHALL BE CHAMBERED AND SHALL COMPLY WITH BS 6717:PART 1 AND CONFORM TO THE SHAPES, DIMENSIONS AND COLOURS DESCRIBED.
FINISH:– N/A
MISCELLANEOUS:– NOTE IN CERTAIN LOCATIONS DUBLIN CITY COUNCIL REQUIRE HIGH STRENGTH MORTAR BEDDING ETC. PLEASE REFER TO SECTION 5.

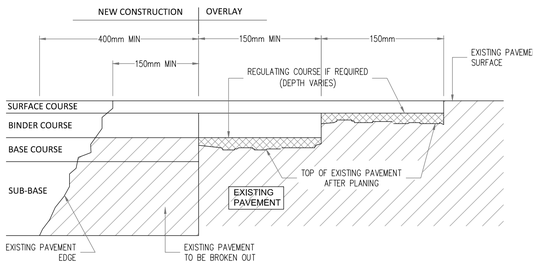


NOTES:

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.
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.
2. WHERE THE ROAD BASE IS TO 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

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 96° 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

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NOT FOR CONSTRUCTION.
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NOTES

1. For setting out refer to Architect's drawings.
2. This drawing to be read in conjunction with all other Architectural and Engineering drawings and all other relevant drawings and Specifications.
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P1	ISSUE FOR LRD OPINION	SC	FDB	19.11.2025
P2	ISSUE FOR LRD STAGE 3	SC	FDB	08.05.2026

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CLIENT	LAND DEVELOPMENT AGENCY
JOB No.	L106
DRAWING No.	L106-CSC-XX-XX-DR-C-0112
STATUS	S2 - Shared (Coordination)
TITLE	ROAD DETAILS

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