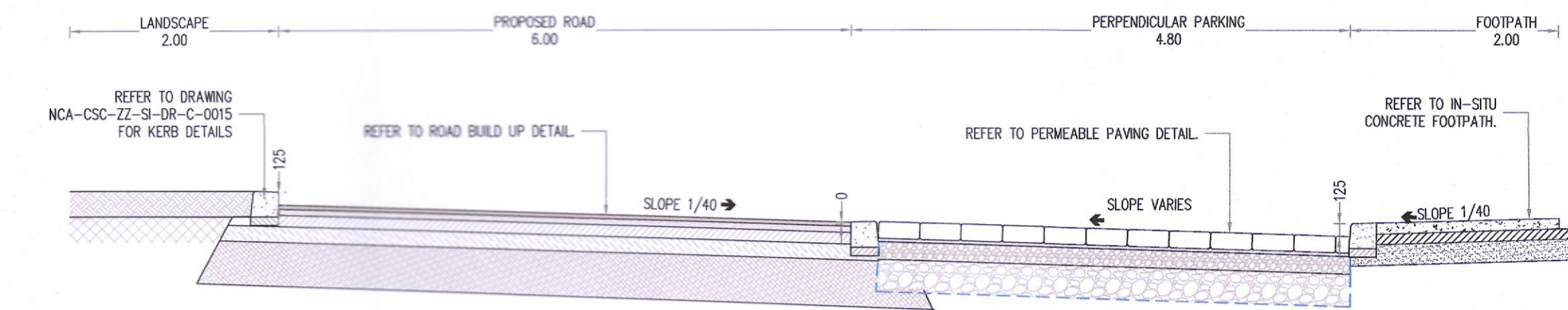
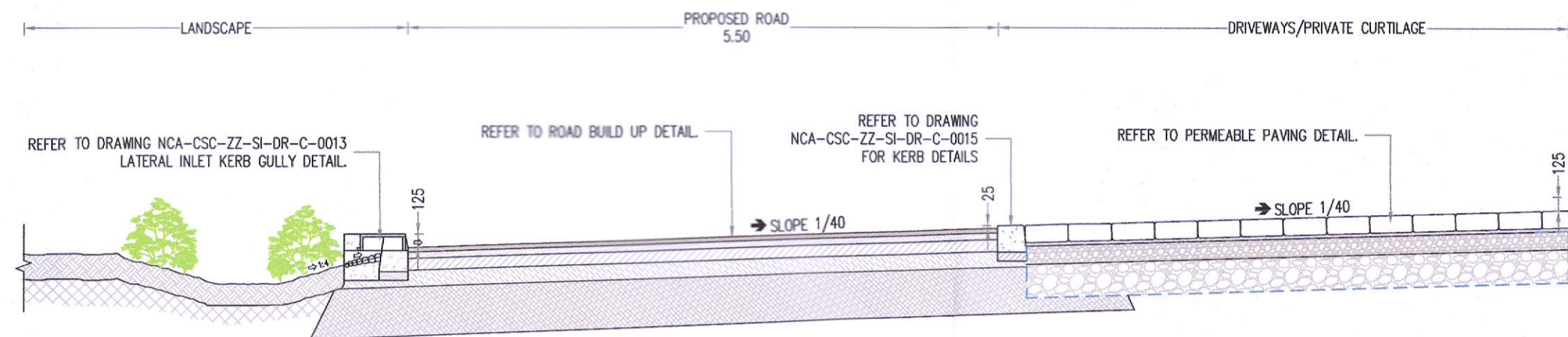


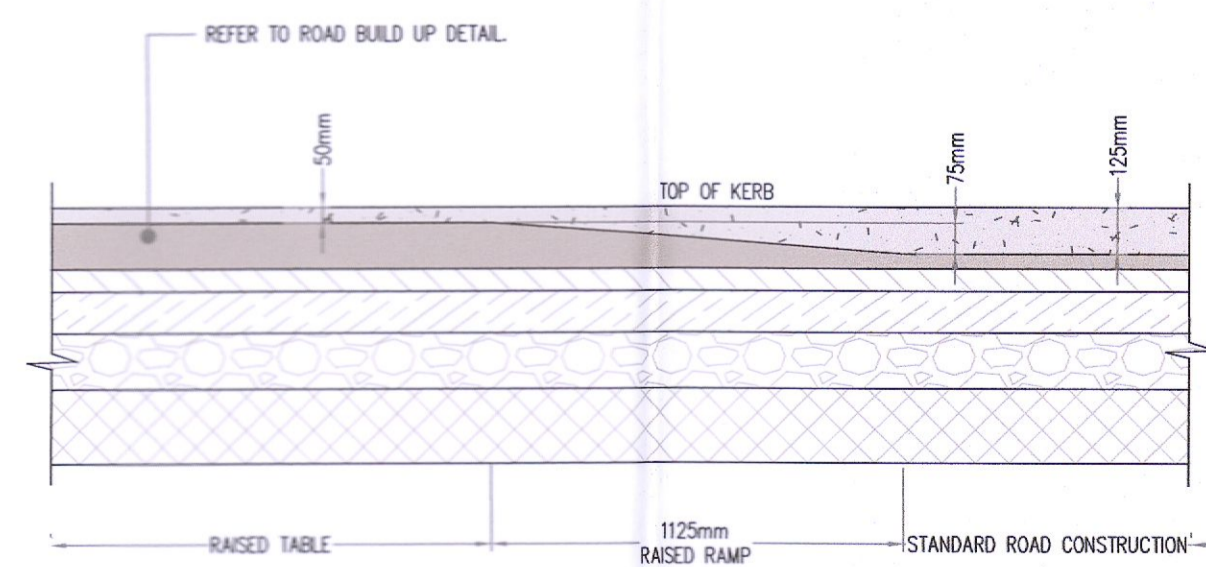
SECTION A-A.
SCALE= 1:50



SECTION B-B.
SCALE= 1:50

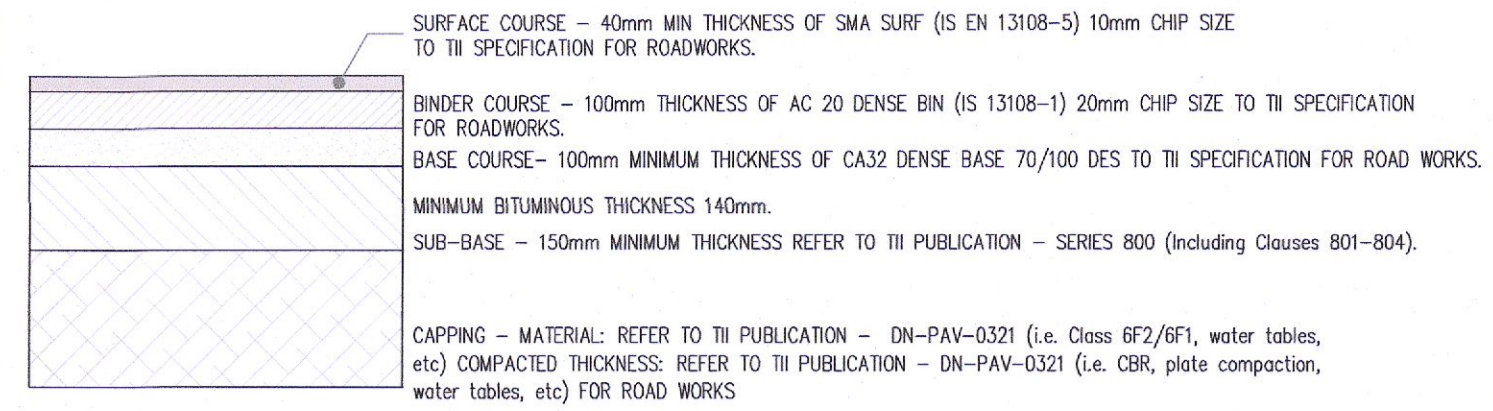


SECTION C-C
SCALE= 1:50

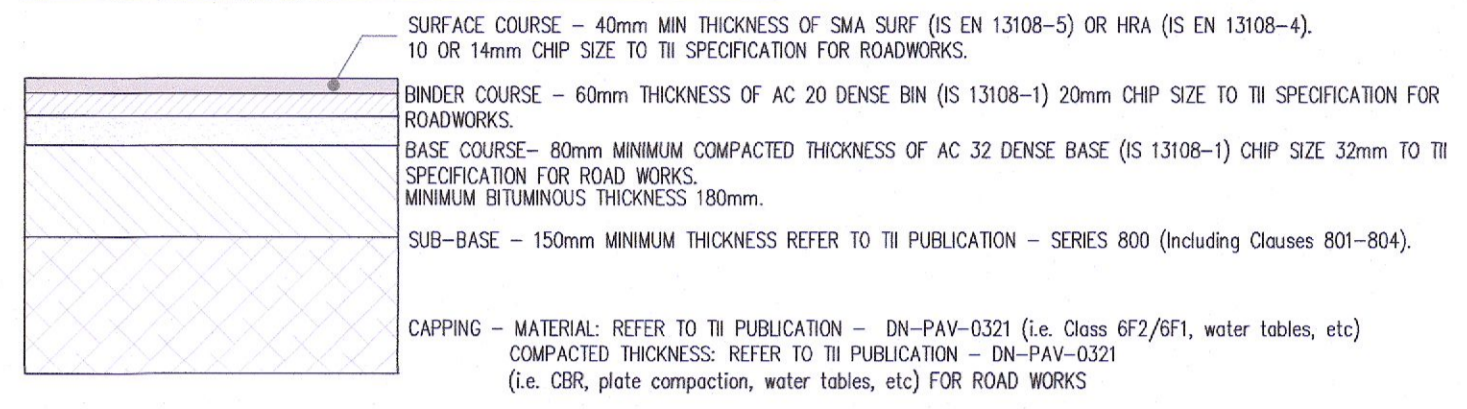


TYPICAL RAISED RAMP DETAIL
SCALE 1:20

RESIDENTIAL : CUL DE SAC- HOME_ZONE



RESIDENTIAL : SPINE ROAD-HEAVILY TRAFFICKED



IN-SITU CONCRETE FOR FOOTWAYS AND PAVED AREAS SHALL MEET THE REQUIREMENTS FOR EXPOSURE CLASS X4 IN IS EN 206-1. IT SHALL BE MADE, LAD AND CURED IN ACCORDANCE WITH REQUIREMENTS OF THE 1000 SERIES OR OTHERS DESCRIBED IN APPENDIX 11/1. IT SHALL BE FINISHED BY FLOATING WITH A WOODEN TROWEL AND WHILE STILL "GREEN" LIGHTLY BRUSHED WITH A BRASS BROOM TO PRODUCE A SLIGHT ROUGHNESS, OR AS OTHERWISE DESCRIBED IN APPENDIX 11/1.

IN-SITU CONCRETE SHALL BE LAD TO DESIGN LEVELS AND CROSSFALLS AND BE OF 100mm NOMINAL THICKNESS OR AS DESCRIBED IN APPENDIX 11/1.

EXPANSION JOINTS SHALL BE NEATLY FORMED IN STRAIGHT. FOOTPATH CONCRETE SHALL BE C40/50 SF4 EXPOSURE CLASS WITH A WATER/CEMENT RATIO OF 0.43 AND A MIN CEMENT CONTENT OF 240 Kg/m³

NOTES:

- 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/B) TO THE SPECIFICATION TO THE UNDERSIDE OF A GEGRID LAYER (ENGRD TO 40 OR SIMILAR 40M/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 BEING PLACED/WORKED.
- 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 THE SPECIFICATIONS. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

TABLE 1
FLEXIBLE PAVEMENT

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

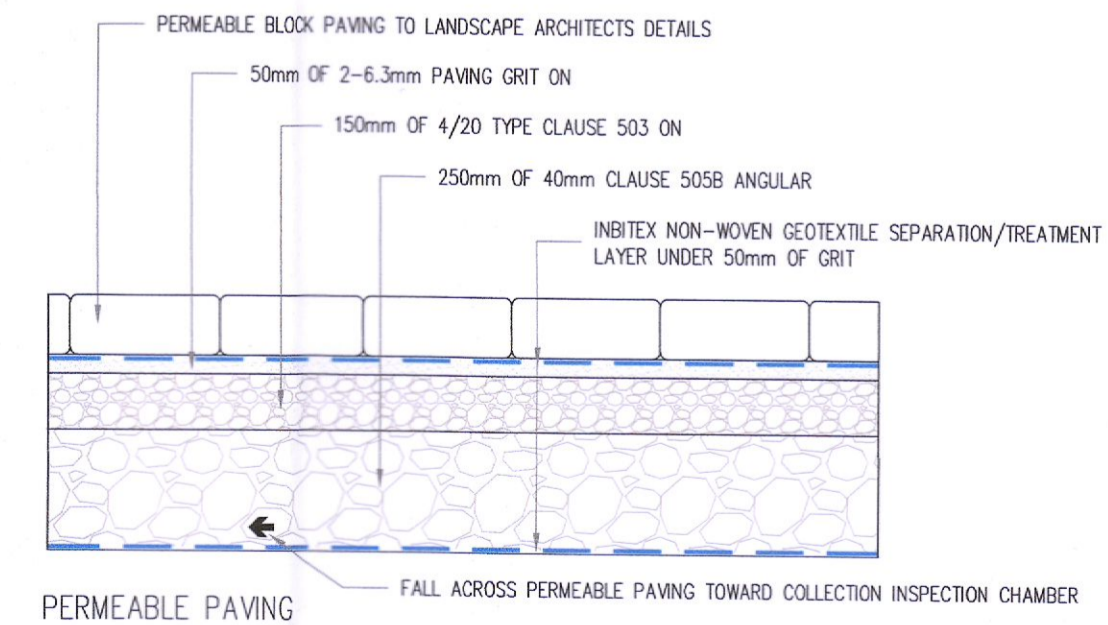
CBR SUBGRADE %	BELOW 2	2 - 5	5 - 15	15+
THICKNESS OF CAPPING(mm)	300	150	NO CAPPING	NO CAPPING

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



SECTIONS LOCATIONS.
SCALE 1:1000



NOTE:
SPECIFICATION FOR SUB-BASE AND LAYING COURSE:-THE CRUSHED STONE MUST POSSESS WELL DEFINED EDGES AND HAVE A MINIMUM 10% FINES VALUE OF 150UM WHEN TESTED IN ACCORDANCE WITH BS812 PART II.

SEIVE SIZE	% PASSING
100mm	100
6.3mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

PLANNING DRAWING.
NOT FOR CONSTRUCTION.
ALL LEVELS GIVEN ARE
RELATIVE TO ORDNANCE DATUM.
THIS DRAWING HAS BEEN ISSUED FOR INFORMATION
PURPOSES ONLY AND MUST NOT BE USED
FOR CONSTRUCTION UNDER ANY CIRCUMSTANCES

- NOTES
- For setting out refer to Architect's drawings.
 - 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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Rev. No.	Date	REVISION NOTE	Dim. By	Chkd. By
P1	19.05.2022	ISSUED FOR PLANNING	JSC	SS
P2	10.06.2022	REISSUED FOR PLANNING	SC	SS

Architect: JFOC Architects
Project: Proposed Development at Newcastle, Co. Dublin
Title: Typical Road Cross Sections
Dwg. No.: NCA-CSC-ZZ-SI-DR-C-0013
Date: May 2022
Dim by: DD
Chkd by: SS
OS: AS SHOWN @ A1
Scale: P2

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