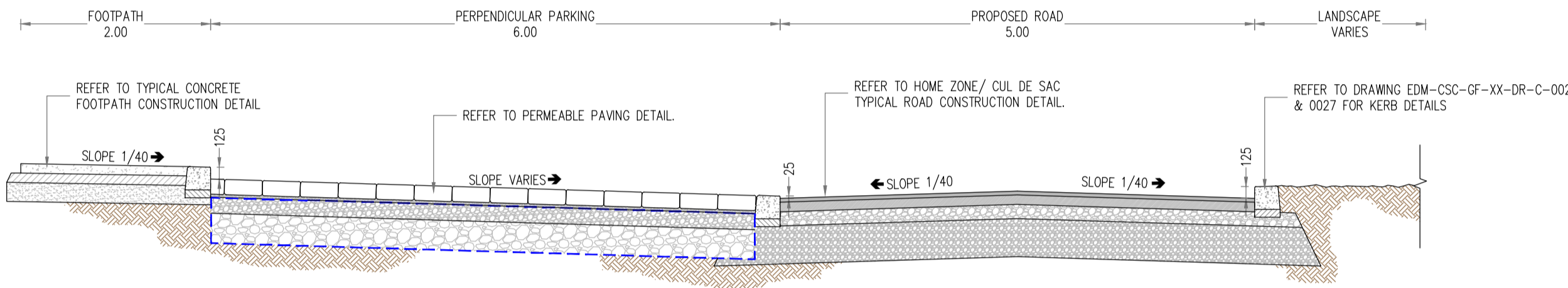


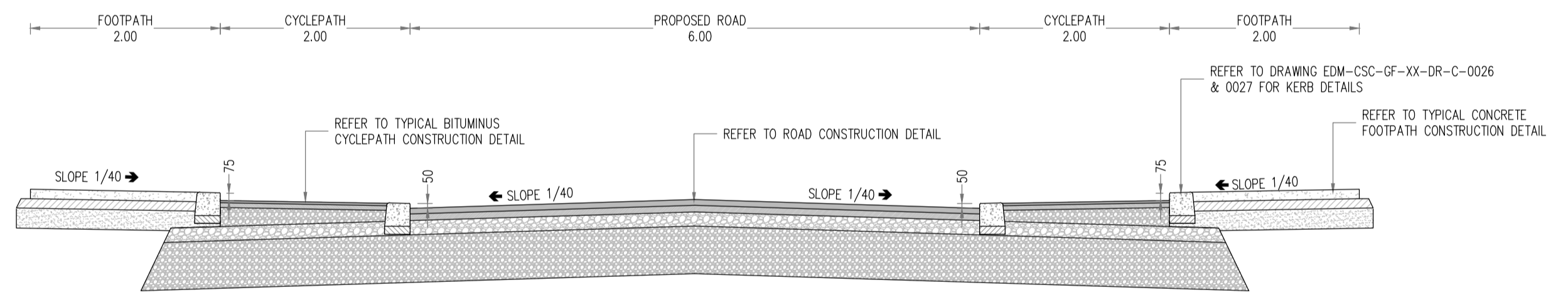
SECTION A-A.

SCALE= 1:50



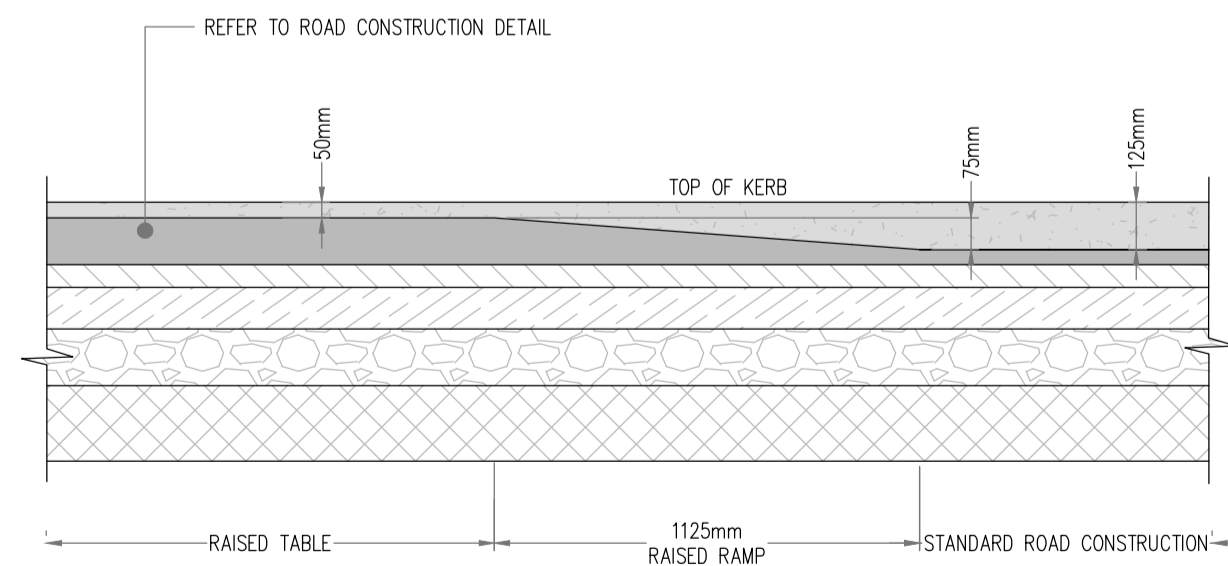
SECTION B-B.

SCALE= 1:50



SECTION C-C.

SCALE= 1:50



SECTION D-D

SCALE 1:20

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/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 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 SF1/SF2 TO TII SPECIFICATIONS. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.

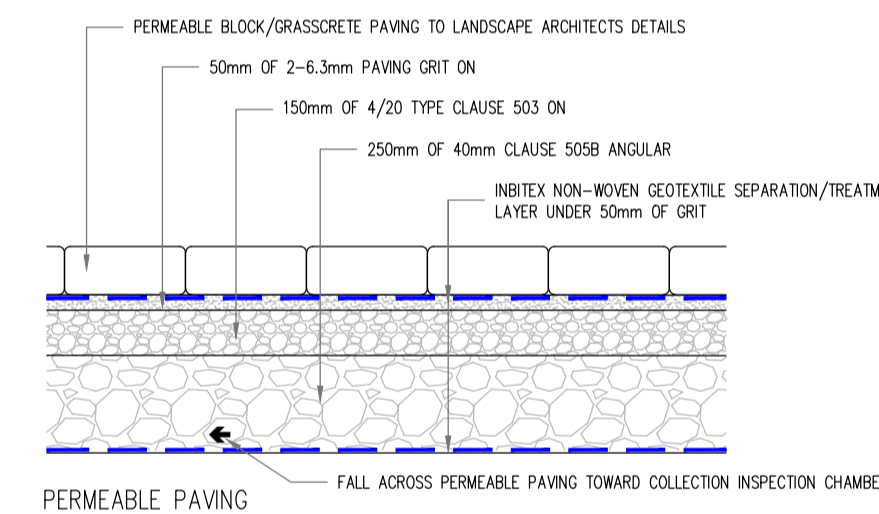
TABLE 1
FLEXIBLE PAVEMENT

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

CBR SUBGRADE %	BELOW 2	2 - 5	5 - 15	15+
THICKNESS OF GEOGRID (mm)	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



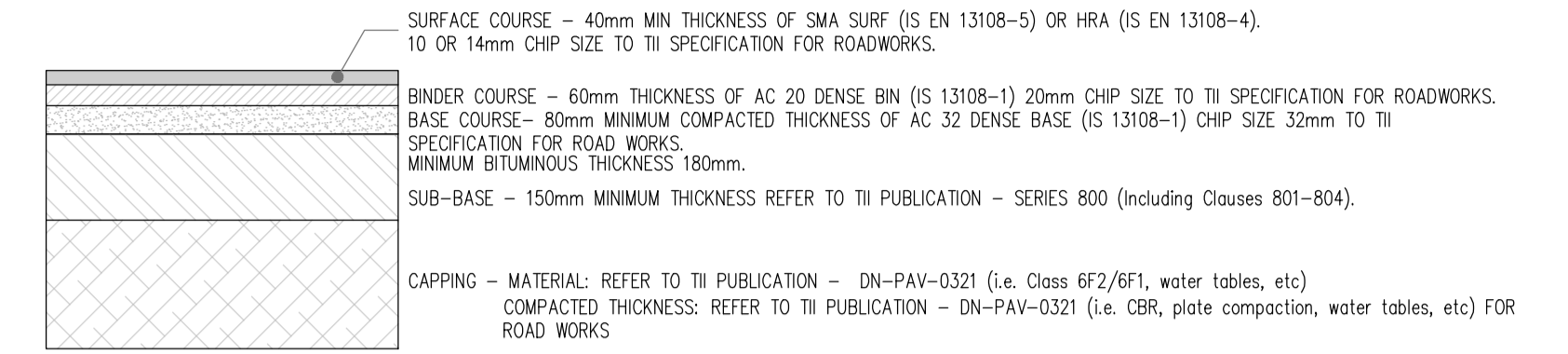
NOTE:

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

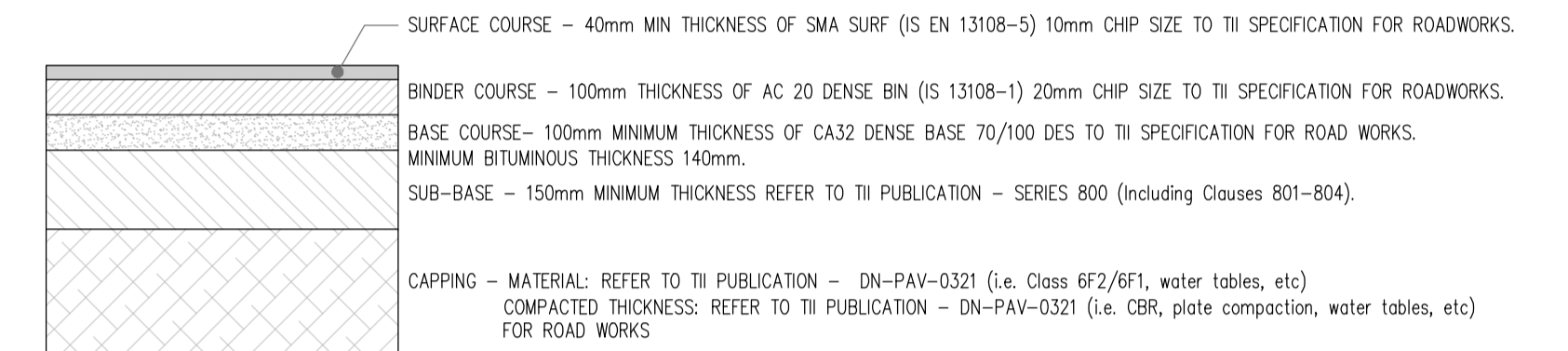
SEIVE SIZE	% PASSING
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

NOTE.

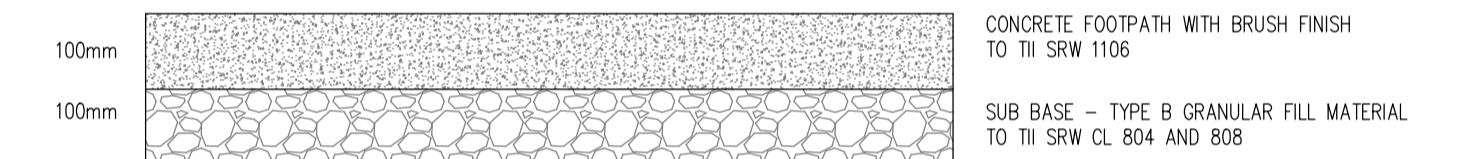
REFER TO DRAWING EDM-CSC-GF-XX-DR-C-0012 FOR CROSS SECTIONS LOCATIONS.



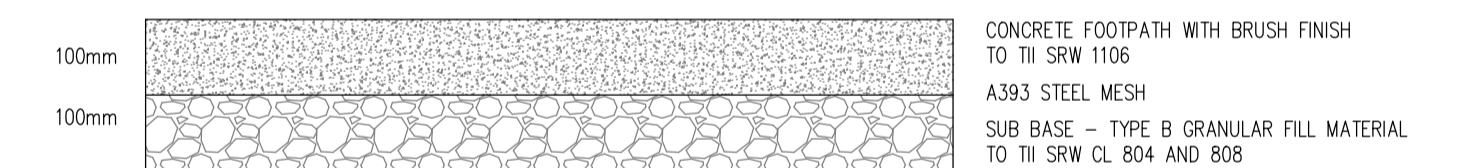
RESIDENTIAL : SPINE ROAD-HEAVILY TRAFFICKED



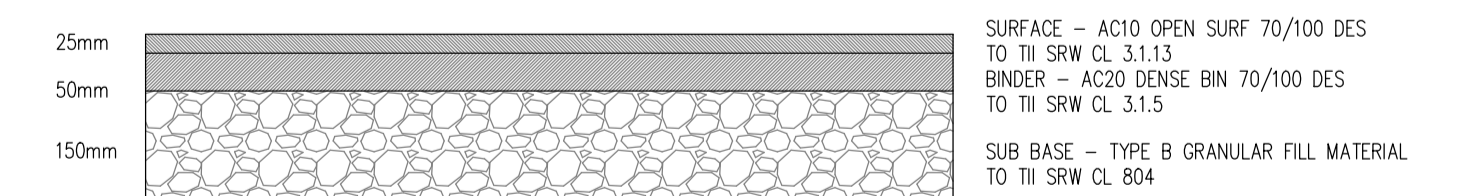
RESIDENTIAL : CUL DE SAC- HOME ZONE



TYPICAL CONCRETE FOOTPATH CONSTRUCTION



DRIVEWAY ACCESS
CONCRETE FOOTPATH CONSTRUCTION



TYPICAL BITUMINUS CYCLEPATH CONSTRUCTION

PLANNING DRAWING
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- NOTES
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Rev. No.	Date	REVISION NOTE	Drn. By	Chkd. By
P1	22.10.2021	ISSUED FOR PLANNING STAGE 3	JS	OS

Architect	JFOC Architects	
Project	Edmondstown Lands	
Title	Typical Cross Sections	
Dwg. No.	EDM-CSC-GF-XX-DR-C-0025	
Date	OCT 2021	
Drn. by	JS	
Chkd. by	DD	
Aprvd. by	OS	
Scale	AS SHOWN@A1	
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