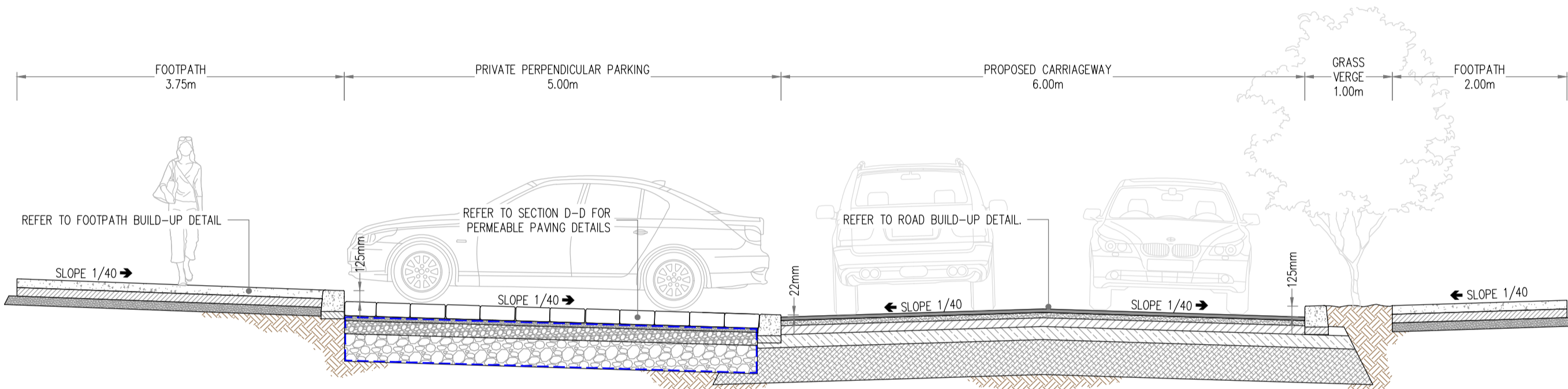
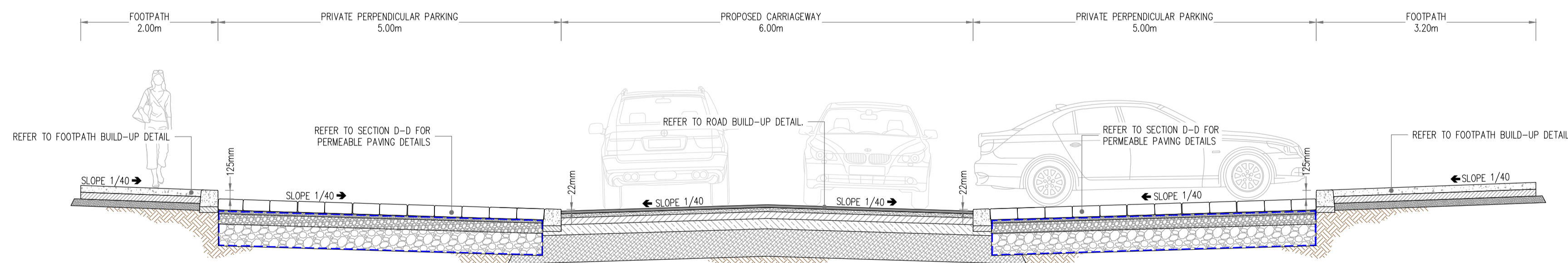


SECTION A-A.
SCALE= 1:50

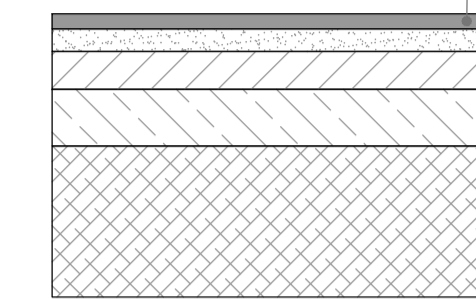


SECTION B-B.
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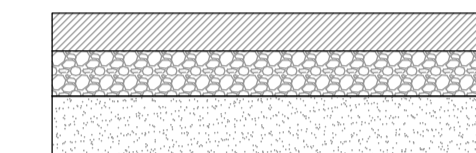
SECTION C-C.
SCALE= 1:50

ROAD DETAIL



SURFACE COURSE - 40mm MIN THICKNESS OF AC10 CLOSE SURF 70/100 DES TO TII SPECIFICATION FOR ROADWORKS CL 3.1.9.
BINDER COURSE - 60mm THICKNESS OF AC20 DENSE BIN 70/100 DES TO TII SPECIFICATION FOR ROADWORKS CL 3.1.5.
ROAD BASE - 100mm MINIMUM THICKNESS OF CA32 DENSE BASE 70/100 DES TO TII SPECIFICATION FOR ROADWORKS CL 3.1.2.
SUB-BASE - 150mm MINIMUM THICKNESS OF TYPE B GRANULAR FILL MATERIAL TO TII SPECIFICATION FOR ROADWORKS CLAUSE 804.
CAPPING - SEE TABLE 1 FOR THE MINIMUM THICKNESS OF 6F2 GRANULAR CAPPING MATERIAL TO TII SPECIFICATION FOR ROADWORKS

FOOTPATH DETAIL



100mm CONCRETE
ON MIN 150mm GRANULAR FILL TO CLAUSE 80B, GRANULAR MATERIAL (COMPACTED)
ACCEPTABLE MATERIAL

TABLE 1

FLEXIBLE PAVEMENT

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

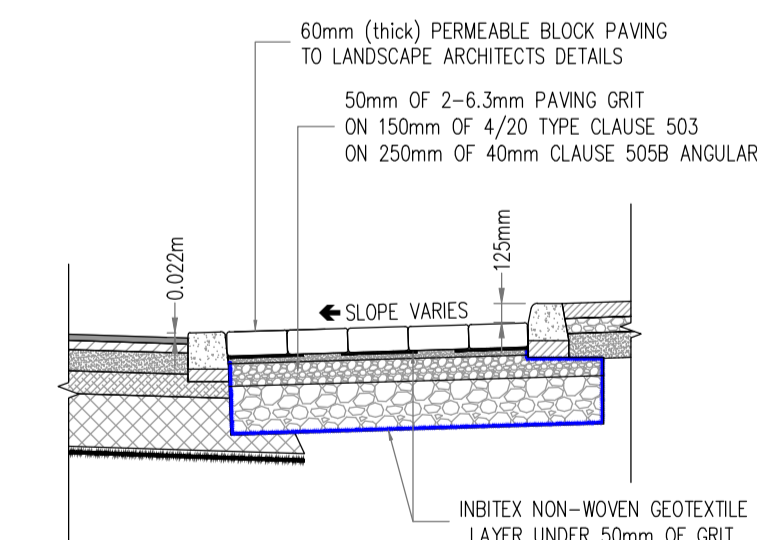
CBR SUBGRADE %	BELOW 2	2 - 5	5 - 15	15+
THICKNESS OF GEOGRID				NO
CAPPING(mm)	DESIGN	300	150	CAPPING

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:

- 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 (GK/AGRID TO 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 6F1/6F2 TO TII SPECIFICATIONS. DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING.



NOTE:

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

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

SECTION D-D.
SCALE= 1:50

DRAWING REFERENCE:

- REFER TO DRAWING W012-CSC-ZZ-XX-DR-C-0008 FOR CROSS SECTION LOCATIONS.

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- NOTES
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Rev. No.	Date	REVISION NOTE	Dn. By	Chkd. By

Architect	Scott Tallon Walker
Project	Proposed Development at Clonkeen Road
Title	Typical Cross Sections
Dwg. No.	W012-CSC-ZZ-XX-DR-C-0028
Date	14.06.2020
Dn. by	JS
Chkd. by	NB
Apprd. by	OS
Scale	1:50 @A1
Revision	

PAC/SHD/162/20

W012

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