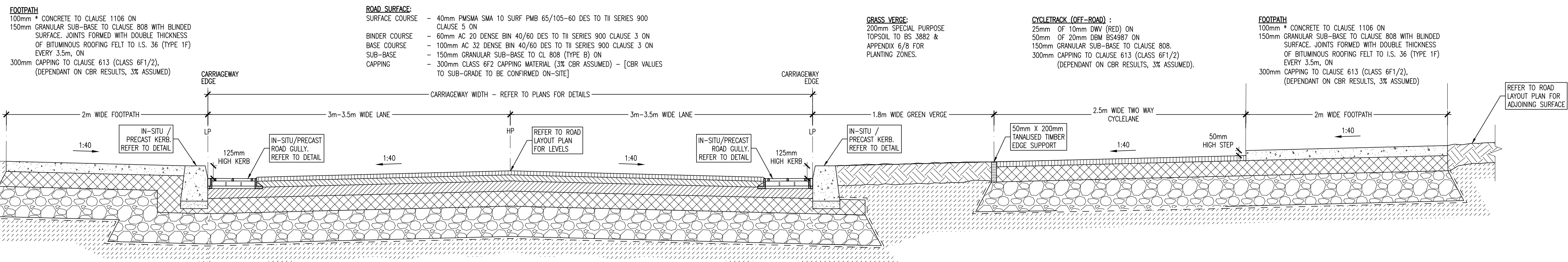


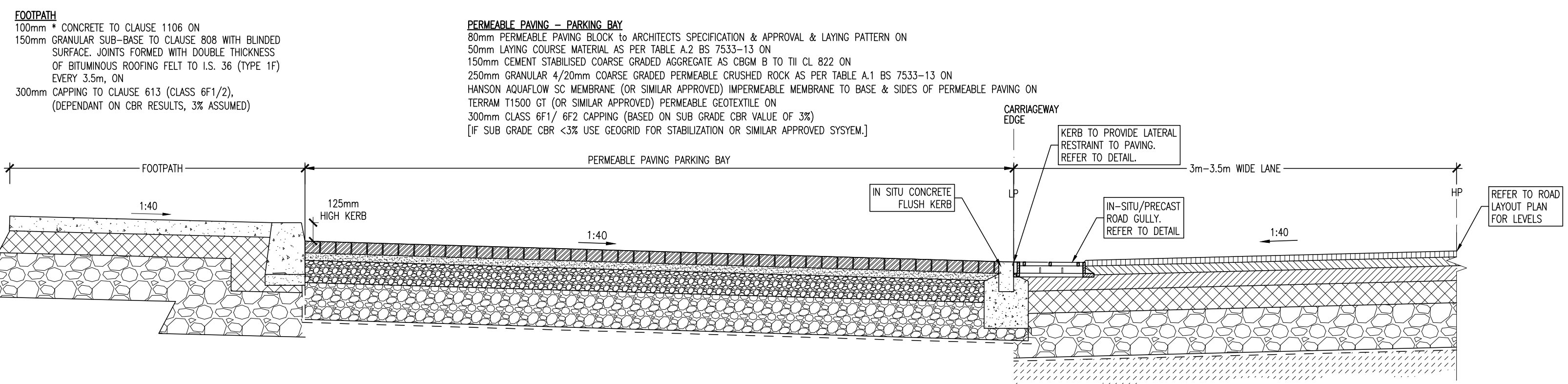
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NOTES:
 1. REFER TO ROADS LEVELS AND LAYOUT PLAN, 190170-DBFL-RD-SP-DR-C-1001 FOR LOCATIONS OF TYPICAL ROAD SECTIONS REFERENCED ON THIS LAYOUT.

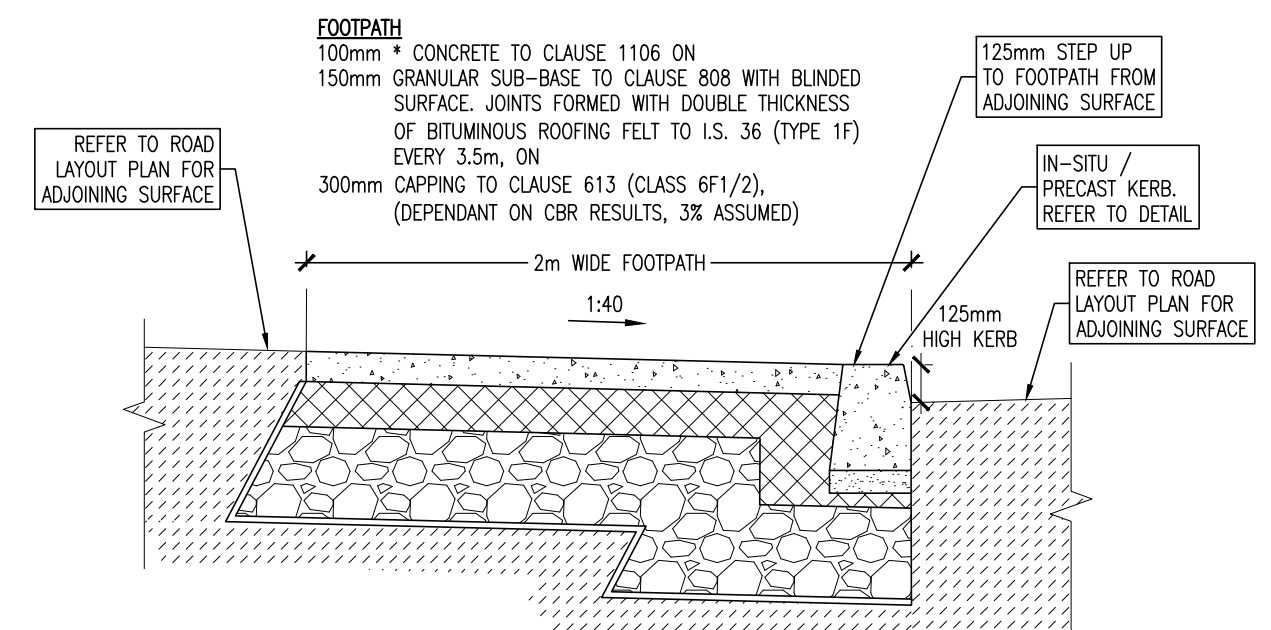
NOTE:
 ALL WORKS & SPECIFICATIONS TO BE UNDERTAKEN IN ACCORDANCE WITH
 • TII SPECIFICATION FOR ROADWORKS
 • GREATER DUBLIN CODE OF PRACTICE FOR DRAINAGE WORKS
 • RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS



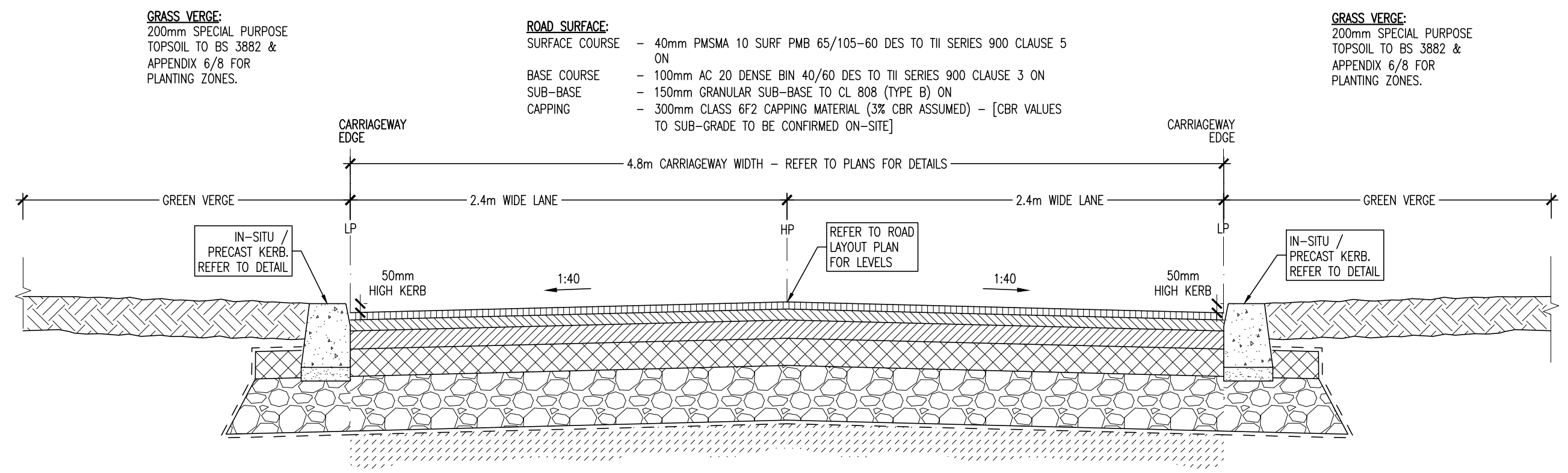
TYPICAL CROSS-SECTION (A-A) THROUGH PROPOSED MAIN ESTATE ROAD WITH CYCLE LANE
 SCALE 1:25



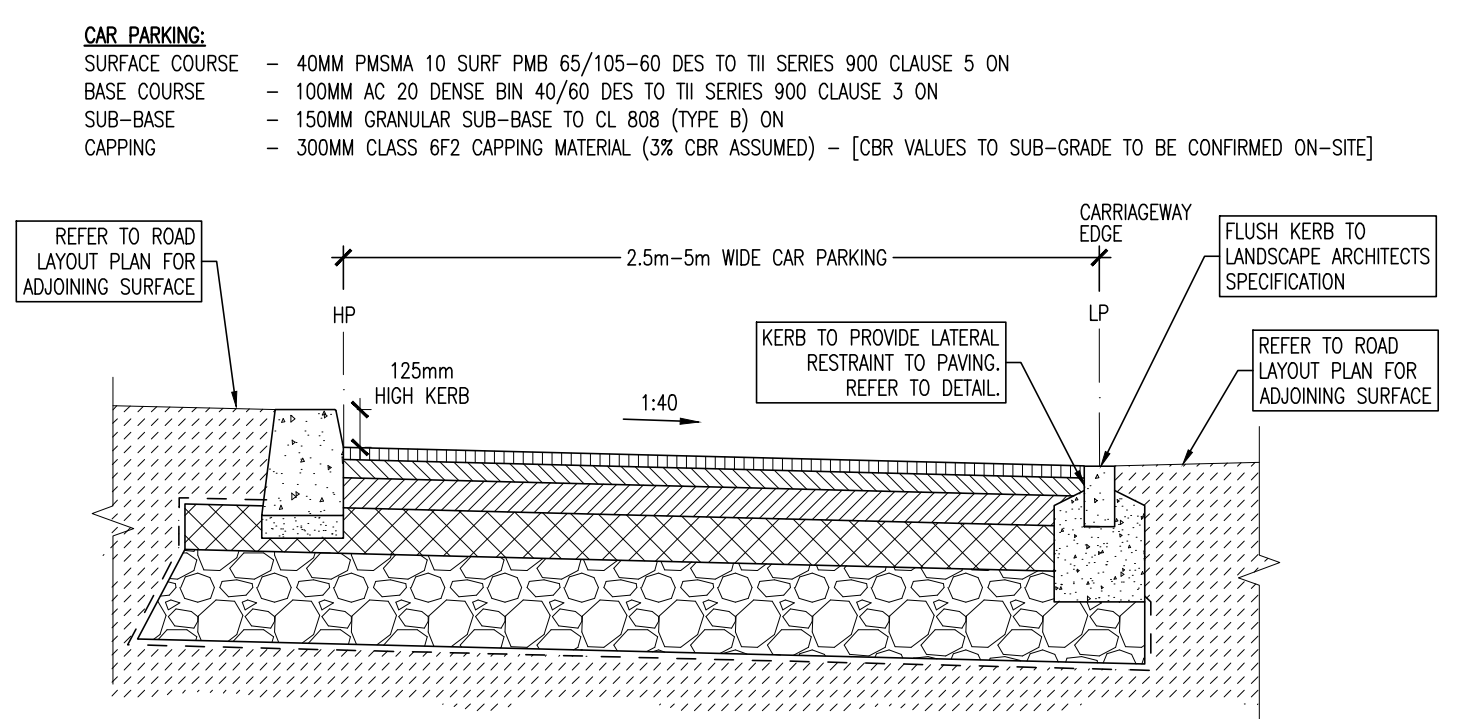
TYPICAL CROSS-SECTION (B-B) THROUGH PROPOSED ROAD WITH PERPENDICULAR PARKING BAYS
 SCALE 1:25



TYPICAL CROSS-SECTION THROUGH PROPOSED FOOTPATH
 SCALE 1:25



TYPICAL CROSS-SECTION (C-C) THROUGH PROPOSED MINOR ROAD
 SCALE 1:25



TYPICAL CROSS-SECTION THROUGH PROPOSED CAR PARKING (ASPHALT)
 SCALE 1:25

NOTE:

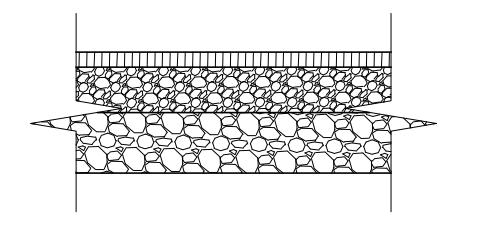
- FOR AREAS WHERE CBR VALUES ARE BELOW 2%, CARRY OUT THE FOLLOWING:
 - THE SOFT AREA IS TO BE EXCAVATED OUT FULLY AND REPLACED WITH A GENERAL FILL MATERIAL (CLASS 1A/19) TO T.I.I. SPECIFICATION TO THE UNDERSIDE OF AN 'ENKAGRID' LAYER (ENKAGRID TRC 40 OR SIMILAR 40kN/m²), SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING, OR
 - SOIL TO BE STABILISED IN-SITU WITH LIME/CEMENT TO SPECIALIST CONTRACTOR SPECIFICATION TO FORMATION LEVEL, MINIMUM CBR 5%.
- 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 T.I.I. SPECIFICATION, DEPTHS OF CAPPING MATERIAL AS PER TABLE 1. SEPARATION GEOTEXTILE TO BE PLACED BETWEEN THE SUBGRADE AND CAPPING, OR
 - SOIL TO BE STABILISED IN-SITU WITH LIME/CEMENT TO SPECIALIST CONTRACTOR SPECIFICATION TO FORMATION LEVEL, MINIMUM CBR 5%, DEPTHS OF MATERIAL TO BE STABILISED AS PER TABLE 1 BELOW.

TABLE 1

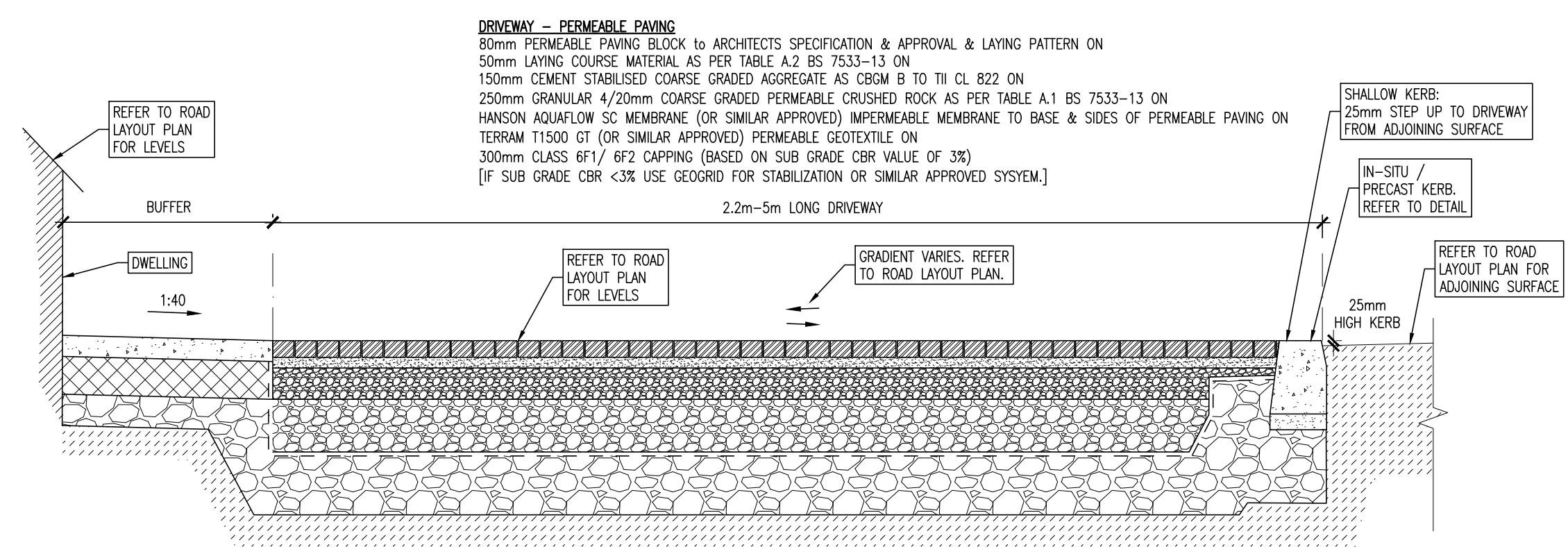
CBR	ROADS	CARPARK
2%-3%	400	300
3%-4%	300	200
4%-5%	250	150
ABOVE 5%	200	100

WHERE CBR VALUES ARE LOWER THAN 2% IMPROVEMENT OF SUB-GRADE MAY BE REQUIRED

FOOTPATH:
 50mm CLOSE GRADED WEARING COURSE MACADAM: AC-10 CLOSE SURF (10mm AGGREGATE) TO CLAUSE 1105 ON
 150mm GRANULAR SUB-BASE TO CLAUSE 804 (TYPE B) WITH BLUNDED SURFACE WITH 75mm x 50mm TANALIZED TIMBER EDGING, VERGE SIDE, SUPPORTED AT ALL FREE EDGES (TYP.) ON
 200mm MIN. GRANULAR SUB-BASE TO CLAUSE 804 D.O.E. WITH BLUNDED SURFACE (DEPENDANT ON CBR RESULTS, 3% ASSUMED).



TYPICAL DETAIL MACADAM FOOTPATH
 SCALE 1:25



TYPICAL CROSS-SECTION THROUGH PROPOSED DRIVEWAY
 SCALE 1:25

DRIVEWAY - PERMEABLE PAVING
 80mm PERMEABLE PAVING BLOCK TO ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
 50mm LAYING COURSE MATERIAL AS PER TABLE A.2 BS 7533-13 ON
 150mm CEMENT STABILISED COARSE GRADED AGGREGATE AS CBOM B TO TII CL 822 ON
 250mm GRANULAR 4/20mm COARSE GRADED PERMEABLE CRUSHED ROCK AS PER TABLE A.1 BS 7533-13 ON
 HANSON AQUAFLOW SC MEMBRANE (OR SIMILAR APPROVED) IMPERMEABLE MEMBRANE TO BASE & SIDES OF PERMEABLE PAVING ON
 TERRAM T1500 GT (OR SIMILAR APPROVED) PERMEABLE GEOTEXTILE ON
 300mm CLASS 6F1/ 6F2 CAPPING (BASED ON SUB GRADE CBR VALUE OF 3%)
 [IF SUB GRADE CBR <3% USE GEGRID FOR STABILIZATION OR SIMILAR APPROVED SYSTEM.]

PO2	21/03/22	ISSUED FOR PLANNING	RSP	LML
PO1	29/09/20	ISSUED FOR PRE-PLANNING	APW	BJM
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

client approval

submittal S2 - FOR INFORMATION PLANNING

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RESIDENTIAL DEVELOPMENT AT HACKETTSTOWN, SKERRIES, CO. DUBLIN

drawing title
ROADS STANDARD DETAILS - SHEET 2

client
LAND DEVELOPMENT AGENCY

designed by	author	scale	sheet size
BJM	APW	AS SHOWN	A1
drawing no.	revision		
190170-DBFL-RD-SP-DR-C-5002	P02		