

CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT(150mm AT VEHICLE CROSSINGS) TO CL 1106(NRA) ON MINIMUM COMPACTED CLAUSE 808(NRA), LAID TO FALL WITH BLUNDED SURFACE.
150mm JOINTS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES (JOINTS TO COINCIDE WITH JOINTS IN THE KERB AND POSITIONED AT CORNERS ETC LIABLE TO CRACKING).
FINISH BY FLOATING WITH WOODEN TROWEL WHILE STILL GREEN THEN LIGHTLY BRUSHED WITH A BASS BROOM TO PRODUCE REQUIRED SURFACE TEXTURE TO WITHIN 100mm OF ALL JOINTS + EDGES.

PARKING CONSTRUCTION

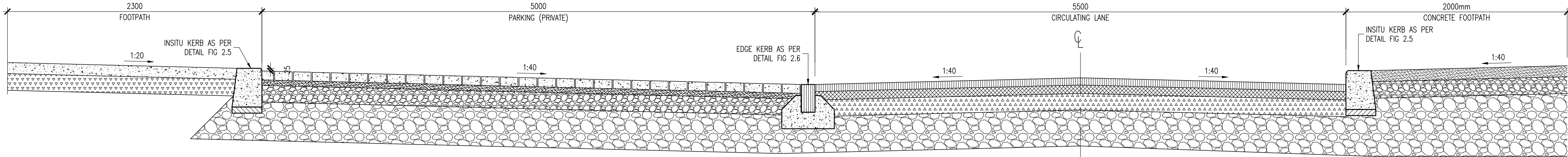
80mm PAVING TO ARCHITECTS SPECIFICATION, APPROVAL AND LAYING PATTERN ON
40mm BEDDING MORTAR CLASS M35 TO BS EN 998-2 ON
150mm C18/C20 LEEN MIX CONCRETE ON CAPPING STONE VARIES, SUBJECT TO AGREEMENT WITH LOCAL AUTHORITY, TO TAKING IN CHARGE STANDARD

ROAD CONSTRUCTION

40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 ON
60mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 [AC 20 HDM BIN 40/60 TO EN13108:1] ON
80mm ASPHALT CONCRETE BASE COURSE TO CLAUSE 906 NOTE 1 [AC 32 HDM BAS 40/60 TO EN13108:1] ON
200mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 808 NOTE 1 [MIN CBR 30%] ON
VARIES CLASS 6F2 CAPPING MATERIAL TO CLAUSE 613 NOTE 1 [MIN CBR 15%] ON (REFER TO TABLE 1 FOR DEPTH OF CAPPING LAYER)
PREPARED FORMATION WITH CBR>3% [TO BE CONFIRMED WITH ENGINEER]

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TYPICAL LOCAL ACCESS STREET
SCALE 1:25

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ROAD CONSTRUCTION

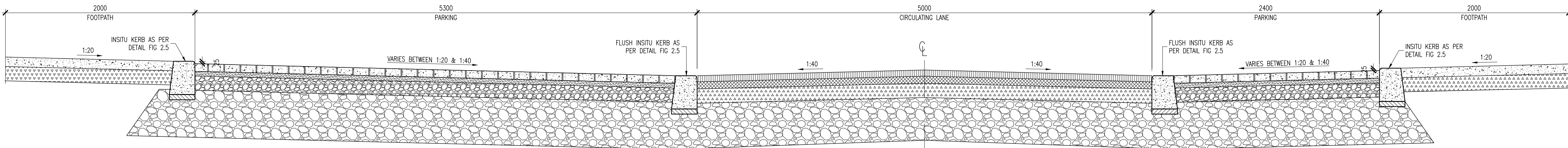
40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 WITH 20mm BUFF COLORED CHIPPINGS IN A CLEAR BINDER PRECOAT TO CLAUSE 915 ON
60mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 [AC 20 HDM BIN 40/60 TO EN13108:1] ON
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TYPICAL HOMEZONE/SHARED SURFACE
SCALE 1:25

PARKING CONSTRUCTION

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PREPARED FORMATION WITH CBR>3% [TO BE CONFIRMED WITH ENGINEER]

ROAD CONSTRUCTION

40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 DES TO PSWD ON
60mm DBM BINDER COURSE AC 20 DENSE BIN 40/60 REC : TO CL 906 ON
80mm DBM ROAD BASE AC 32 DENSE BIN 40/60 REC : TO CL 906 ON
200mm GRANULAR SUB-BASE TO CL 808 WITH BLUNDED SURFACE ON
VARIES CAPPING CLASS 6F2 CAPPING MATERIAL (3% CBR ASSUMED) - [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]

CYCLELANE (ON-ROAD):

40mm RED POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 DES TO PSWD ON
60mm DBM BINDER COURSE AC 20 DENSE BIN 40/60 REC : TO CL 906 ON
100mm DBM ROAD BASE AC 32 DENSE BIN 40/60 REC : TO CL 906 ON
150mm GRANULAR SUB-BASE TO CL 808 WITH BLUNDED SURFACE ON
300mm CAPPING CLASS 6F2 CAPPING MATERIAL (3% CBR ASSUMED) - [CBR VALUES TO SUB-GRADE TO BE CONFIRMED ON-SITE]

CONCRETE FOOTPATH

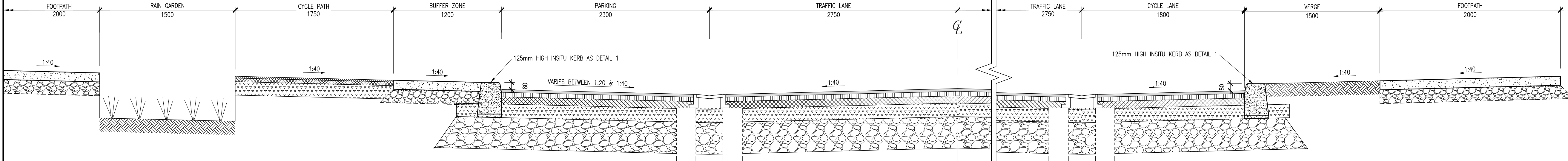
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RAIN GARDEN:

TO LANDSCAPE ARCHITECTS DETAIL

CYCLETRACK (OFF-ROAD) :

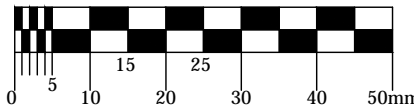
50mm CLOSE GRADED WEARING COURSE MACADAM: AC-10 CLOSE SURF (10mm AGGREGATE) TO CLAUSE 1105 ON
150mm GRANULAR SUB-BASE TO CLAUSE 808
300mm CAPPING TO CLAUSE 613 (CLASS 6F1/2) (DEPENDANT ON CBR RESULTS, 3% ASSUMED).



TYPICAL GREEN LINK AVENUE CROSS SECTION
SCALE 1:25

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ON ORIGINAL



NOTES:

- CLOSE GRADED SURFACE COURSE MACADAM SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 912 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' AND SHALL SATISFY THE REQUIREMENTS OF TABLE 9/2. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702
- DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF CLAUSE 906 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 9/1. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH CLAUSE 901 & CLAUSE 702.
- SUB-BASE MATERIAL SHALL COMPLY WITH CLAUSE 804 GRANULAR MATERIAL TYPE B OF NRA'S 'SPECIFICATION FOR ROAD WORKS (SRW)' & SHALL SATISFY THE REQUIREMENTS OF TABLE 8/4 & 8/2.
- SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S 'SPECIFICATION FOR ROAD WORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 6/1 & 6/2.
- STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm)	% BY MASS PASSING
14	100
10	98-100
6.3	80-99
2.0	0-20
1.0	0-5

- CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242

BS SIEVE SIZE (mm)	% BY MASS PASSING
40	100
31.5	98-100
20	90-99
10	25-70
4	0-15
5	0-5

- ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH DBFL SPECIFICATIONS.
- ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
- ALL GEOTEXTILES TO BE LAID IN ACCORDANCE WITH MANUFACTURERS' SPECIFICATIONS.
- ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

A	15/12/17	FINAL SUBMISSION, AN BORD PLEANALA	PPK	DMW
REV.	DATE	DESCRIPTION	BY	CHKD

PLANNING

DESIGNED	DG	PREPARED	PPK
DATE	JULY 2017	CHECKED	KJS



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DBFL Consulting Engineers email: info@dbfl.ie site: www.dbfl.ie

PROJECT

FORTUNESTOWN LANE &
GARTERS LANE RESIDENTIAL
DEVELOPMENT

DRG. TITLE

TYPICAL ROAD
CONSTRUCTION DETAILS
SHEET 1 OF 2

CLIENT

GREENACRE RESIDENTIAL DAC

SCALE	AS SHOWN @A1	FILE REF.	162073-2003
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