

CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT C40 AIR ENTRAINED OR C50 NON AIR ENTRAINED / EXPOSURE CLASS XF4 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.

PERMEABLE PAVING DRIVEWAY CONSTRUCTION

80mm PERMEABLE PAVING BLOCK TO BS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
50mm LAYING MATERIAL JOINTING TO MANUFACTURERS SPECIFICATION (TYPICALLY TYPE 2/6.3 GC 80/20 TO I.S. EN 13342) ON
150mm ROAD BASE COURSE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO NRA CL 822 ON
500mm SUB-BASE LAYER 4mm TO 20mm COARSE GRADE CLEAR CRUSHED ROCK TO I.S. EN 13242:2002 (SEE NOTE ON PARTICLE SIZE DISTRIBUTION) ON GEOTEXTILE LAYER TO CLAUSE 609 (NRA)

ROAD CONSTRUCTION

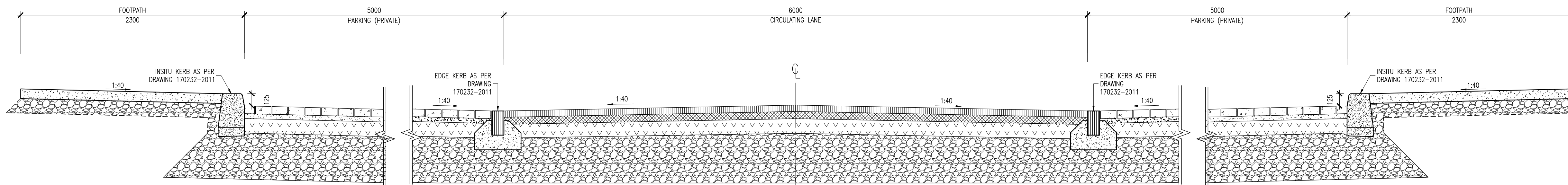
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150mm CLASS 6F2 CAPPING MATERIAL TO CLAUSE 613 NOTE 1 [SUBJECT TO CBR RESULTS] ON (REFER TO TABLE 1 FOR DEPTH OF CAPPING LAYER)
VARIES PREPARED FORMATION WITH CBR>3% [TO BE CONFIRMED WITH ENGINEER]

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CROSS SECTION A-A
SCALE 1:25

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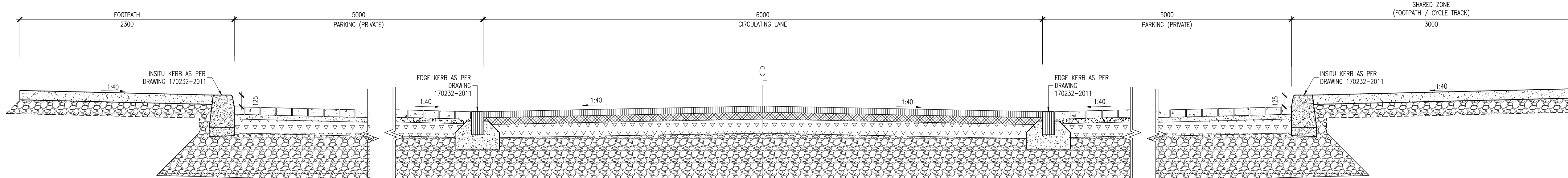
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SHARED CYCLE PATH/FOOTPATH

50mm CLOSE GRADED SURFACE COURSE MACADAM (10mm AGGREGATE) TO CLAUSE 7.3 BS4967 ON
150mm GRANULAR SUB-BASE TO CLAUSE 808 WITH BLUNDED SURFACE



CROSS SECTION B-B
SCALE 1:25

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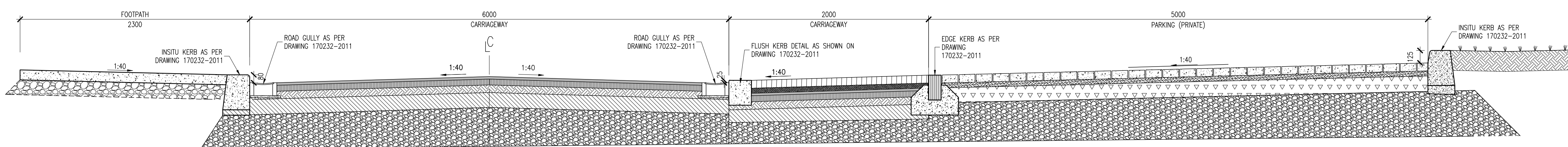
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CROSS SECTION C-C
SCALE 1:25

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 808 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 GEOTRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 - ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

Table 1

CBR (%)	Depth of Capping (mm)
2	600
3	350
4	300
5	250
8	200

ORDNANCE SURVEY IRELAND LICENCE
 No EN 0017919
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 GOVERNMENT OF IRELAND

P01	04-11-19	ISSUED FOR PLANNING	JUB	BK
rev	date	description	by	chkd
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		

subtality S2 - INFORMATION issue purpose PLANNING

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project ref.

**RESIDENTIAL DEVELOPMENT
 SCHOLARSTOWN**

drawing title
**TYPICAL CONSTRUCTION DETAILS
 SHEET 4**

architect
JOHN FLEMING ARCHITECTS

designed by	author	scale	sheet size
SB	JUB	1:25	A1
drawing no.			revision
SCH-DBF-ZZ-XX-DR-C-2113			P01