

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.

TRADITIONAL PAVING DRIVEWAY CONSTRUCTION

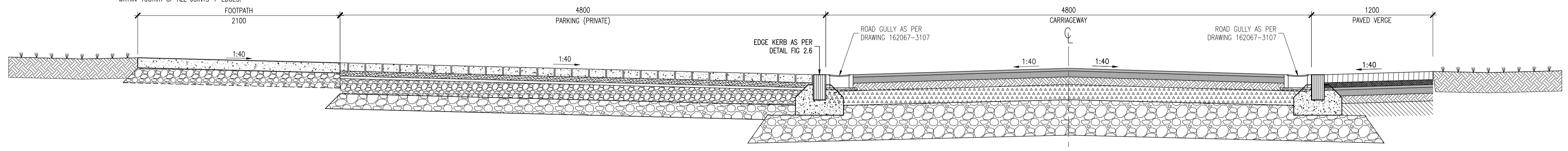
80mm PAVING BLOCK TO IS EN 1338 AND ARCHITECTS SPECIFICATION, APPROVAL AND LAYING PATTERN. JOINTING MATERIAL TO BS 7533-3 AS BS EN 12620 GF 85 011 (FP) FINE AGGREGATE ON.
50mm LAYING COURSE AS PER TABLE D6 BS 7533-3
25mm SURFACE COURSE OF SMA-10 SURF PMB 65/105-60 TO SERIES 900 NRA ON
150mm SUB-BASE GRANULAR CRUSHED ROCK TO DL 808 ON
150mm SELECTED CRUSHED ROCK CAPPING TO CL 613 (CLASS 6FC) ON NON-WOVEN GEOTEXTILE TO CL 609 (BASED ON CBR 2%)

ROAD CONSTRUCTION

40mm POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 RED OR BUFF COURSE TO BE AGREED WITH SDCC ON
100mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 [AC 20 HDM BIN 40/60 TO EN13108:1] ON UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 808 NOTE 1 [MIN CBR 30%] ON
150mm 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]

PAVED VERGE (SERVICE CORRIDOR)

80mm PAVING BLOCK TO IS EN 1338 AND ARCHITECTS SPECIFICATION, APPROVAL AND LAYING PATTERN. JOINTING MATERIAL TO BS 7533-3 AS BS EN 12620 GF 85 011 (FP) FINE AGGREGATE ON.
50mm LAYING COURSE AS PER TABLE D6 BS 7533-3
25mm SURFACE COURSE OF SMA-10 SURF PMB 65/105-60 TO SERIES 900 NRA ON
60mm BINDER COURSE OF AC20 DENSE BIN TO SERIES 900 NRA ON
75mm BASE COURSE OF AC32 DENSE BASE TO SERIES 900 NRA ON
150mm SUB-BASE GRANULAR CRUSHED ROCK TO DL 808 ON
150mm SELECTED CRUSHED ROCK CAPPING TO CL 613 (CLASS 6FC) ON NON-WOVEN GEOTEXTILE TO CL 609 (BASED ON CBR 2%)



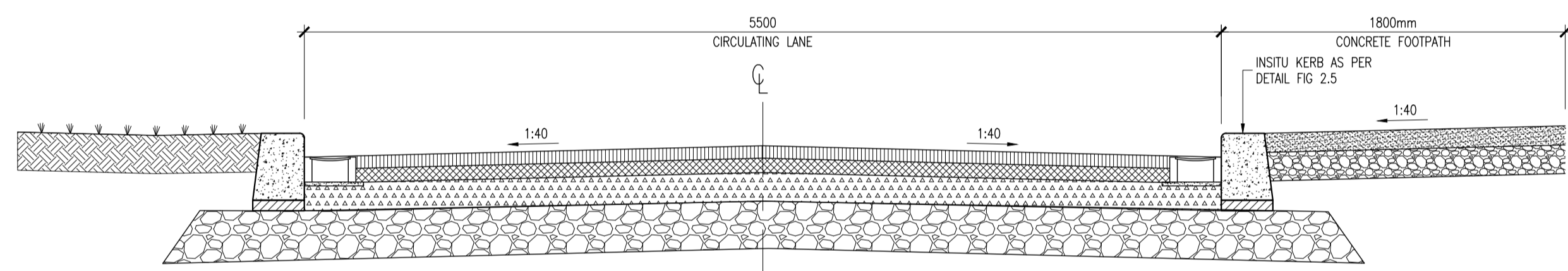
TYPICAL LOCAL HOMEZONE STREET
SCALE 1:25

ROAD CONSTRUCTION

40mm STONE MASTIC ASPHALT SMA 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
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 808 NOTE 1 [MIN CBR 30%] ON
VARIABLES CLASS 6F2 CAPPING MATERIAL TO CLAUSE 613 NOTE 1 [SUBJECT TO CBR RESULTS] 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

- NOTES:**
- CLOSE GRADED SURFACE COURSE 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 9/2. 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 BUNDLING 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.

Table 1

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

REV	DATE	DESCRIPTION	BY	CHKD
A	080721	SHD STAGE 3 PLANNING	GMC	ASM

PLANNING SHD STAGE 3

DESIGNED	DCG	PREPARED	GMC
DATE	JUL 2020	CHECKED	DMW

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PROJECT
STRATEGIC HOUSING DEVELOPMENT AT SOUTHGATE, DROGHEDA, CO. MEATH

DRG. TITLE
TYPICAL ROAD CONSTRUCTION DETAILS SHEET 1

CLIENT
ROCKMILL LTD.

SCALE AS SHOWN @A1 **FILE REF.** 190081-2004
DRG. NO. 190081-2004 **A**