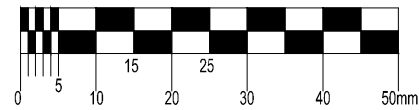


ON ORIGINAL



NOTES:

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 6/4 & 6/2.
  - 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 |
|--------------------|-------------------|
| 40                 | 100               |
| 10                 | 98-100            |
| 6.3                | 90-99             |
| 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 GEODRDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
  - ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.
  - REFER TO DRAWING NUMBER 190230-DBFL-RD-SP-DR-C-1001 FOR CROSS-SECTION POSITIONS

Table 1

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

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P01	15-03-21	APB APPLICATION		JJB	SB
rev	date	description		by	chld.
client approval			A - Approved		
			B - Approved with comments		
			C - Do not use		
suitability			issue purpose		
S2 - INFORMATION			PLANNING		

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project ref.

WHITE PINES EAST ,  
RATHFARNHAM, DUBLIN 16

drawing title

TYPICAL ROAD CROSS SECTIONS

client

ARDSTONE HOMES LTD

designed by	author	scale	sheet size
SB	JJB	AS NOTED	A1
drawing no.	revision		
190230-DBFL-RD-SP-DR-C-5004	P01		

CONCRETE FOOTPATH

**100mm** CONCRETE PAVEMENT C40 AIR ENTRAINED OR C50 NON AIR ENTRAINED / EXPOSURE CLASS XF4 TO CL 1106(NRA) ON MINIMUM

**150mm** COMPACTED CLAUSE 808(NRA), LAID TO FALL WITH BLUNDED SURFACE.

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.

CYCLE TRACK

**50mm** CLOSE GRADED SURFACE COURSE MACADAM (10mm AGGREGATE) TO CLAUSE 7.3 BS4967 ON

**150mm** GRANULAR SUB-BASE TO CLAUSE 808 WITH BLUNDED SURFACE

ROAD CONSTRUCTION

**40mm** BLACK SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 OR BLACK WITH SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 RED CHIP (TO BE AGREED WITH SDC PRIOR TO CONSTRUCTION) 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

**VARIES** 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]

CYCLE TRACK

**50mm** CLOSE GRADED SURFACE COURSE MACADAM (10mm AGGREGATE) TO CLAUSE 7.3 BS4967 ON

**150mm** GRANULAR SUB-BASE TO CLAUSE 808 WITH BLUNDED SURFACE

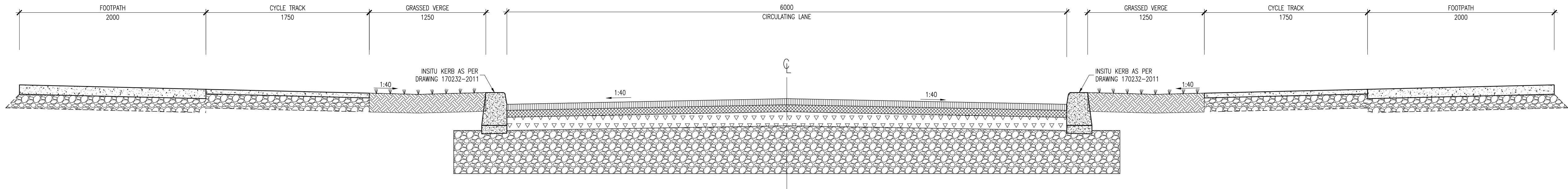
CONCRETE FOOTPATH

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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.



CROSS SECTION A-A  
SCALE 1:25

CONCRETE FOOTPATH

**100mm** CONCRETE PAVEMENT C40 AIR ENTRAINED OR C50 NON AIR ENTRAINED / EXPOSURE CLASS XF4 TO CL 1106(NRA) ON MINIMUM

**150mm** COMPACTED CLAUSE 808(NRA), LAID TO FALL WITH BLUNDED SURFACE.

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

**40mm** BLACK SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 OR BLACK WITH SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 RED CHIP (TO BE AGREED WITH SDC PRIOR TO CONSTRUCTION) 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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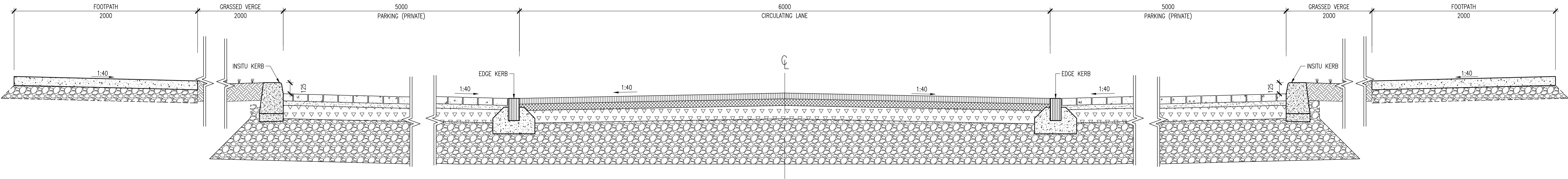
CONCRETE FOOTPATH

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CROSS SECTION B-B  
SCALE 1:25