

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 GEORGRIDS 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

CARPARK BAY CONSTRUCTION (PRIVATE IN CURTILAGE)

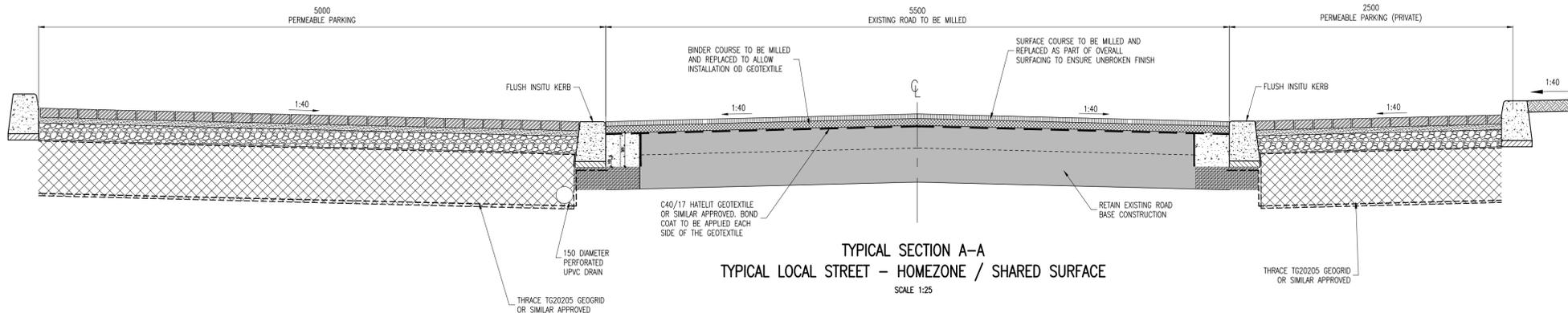
- 80mm PERMEABLE PAVING BLOCK TO BS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
- 50mm LAYING MATERIAL JOINTING TO MANUFACTURERS SPECIFICATION (TYPICALLY TYPE 2/6.3 GC 80/20 TO I.S. EN 13342) ON
- 150mm ROAD BASE COURSE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO NRA 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 POLYMER MODIFIED STONE MASTIC ASPHALT PMSMA RED OR BUFF 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

CARPARK BAY CONSTRUCTION (PRIVATE IN CURTILAGE)

- 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)



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		A - Approved		
		B - Approved with comments		
		C - Do not use		

suitability issue purpose
SO - WORK IN PROGRESS PLANNING



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drawing title
**TYPICAL ROAD CONSTRUCTION
DETAILS SHEET 1**

client
**DEPARTMENT OF EDUCATION &
SKILLS**

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