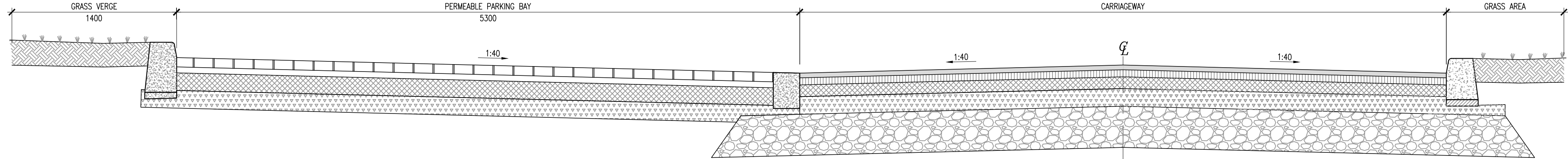


CARPARK BAY CONSTRUCTION(PRIVATE IN CURTLEDGE)

80mm PERMEABLE PAVING BLOCK AS TOBERMORE HYDROPAVE TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
50mm LAYING COURSE MATERIAL AS PER TABLE A.2 BS 7533-13 ON
150mm ROADBASE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO NRA CL 822 ON
150mm GRANULAR 4/20mm COARSE GRADED PERMEABLE CRUSHED ROCK AS PER TABLE A.1 BS 7533-13 ON

ROAD CONSTRUCTION

45mm OF STONEMASTIC ASPHALT (SIAC DURACOLOUR - BUFF FINISH) SURFACE COURSE: SMA 14 SURF
40/60 (14mm AGGREGATE, MIN 30% CONTENT) TO NRA SERIES 900 ON
100mm OF DENSE BITUMEN MACADAM BINDER COURSE: AC 20 DENSE BIN 40/60 (20mm AGGREGATE) TO NRA SERIES 900 ON
150mm OF CLAUSE 808 D.O.E. GRADED CRUSHED ROCK LAID TO FALL AND BLINDED WITH QUARRY SCREENINGS ON
350mm ON GEOGRID CLASS 6F2 CAPPING STONE



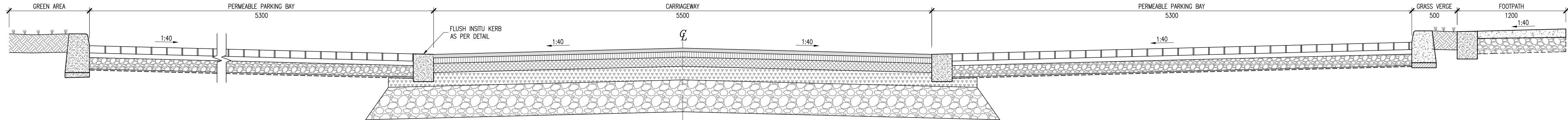
TYPICAL CROSS SECTION THROUGH
HOMEZONE/ SHARED SURFACE IN FRONT OF HOUSES
SCALE 1:25

ROAD PARKING BAY CONSTRUCTION

80mm PERMEABLE PAVING BLOCK AS TOBERMORE HYDROPAVE TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL & LAYING PATTERN ON
50mm LAYING COURSE MATERIAL AS PER TABLE A.2 BS 7533-13 ON
150mm ROADBASE CEMENT STABILISED COARSE GRADED AGGREGATE AS CBGM B TO NRA CL 822 ON
150mm GRANULAR 4/20mm COARSE GRADED PERMEABLE CRUSHED ROCK AS PER TABLE A.1 BS 7533-13 ON

ROAD CONSTRUCTION

45mm OF STONEMASTIC ASPHALT (SIAC DURACOLOUR - BUFF FINISH) SURFACE COURSE: SMA 14 SURF
40/60 (14mm AGGREGATE, MIN 30% CONTENT) TO NRA SERIES 900 ON
100mm OF DENSE BITUMEN MACADAM BINDER COURSE: AC 20 DENSE BIN 40/60 (20mm AGGREGATE) TO NRA SERIES 900 ON
150mm OF CLAUSE 808 D.O.E. GRADED CRUSHED ROCK LAID TO FALL AND BLINDED WITH QUARRY SCREENINGS ON
350mm ON GEOGRID CLASS 6F2 CAPPING STONE



TYPICAL CROSS SECTION THROUGH
HOMEZONE/ SHARED SURFACE IN FRONT OF APARTMENT BLOCK
SCALE 1:25

CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT(150mm AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM) C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1106 ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 [MIN CBR 30%] ON 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 SLIGHT ROUGHNESS.

CARPARK BAY CONSTRUCTION (PRIVATE)

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
350mm 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) ON
450mm CLASS 6F2 CAPPING STONE FORMATION COMPACTED WITH SMOOTH WHEEL ROLLER IN ACCORDANCE WITH SPECIFICATION (BASED ON CBR 2% AND SUBJECT TO MANUFACTURERS RECOMMENDATIONS)

ROAD CONSTRUCTION

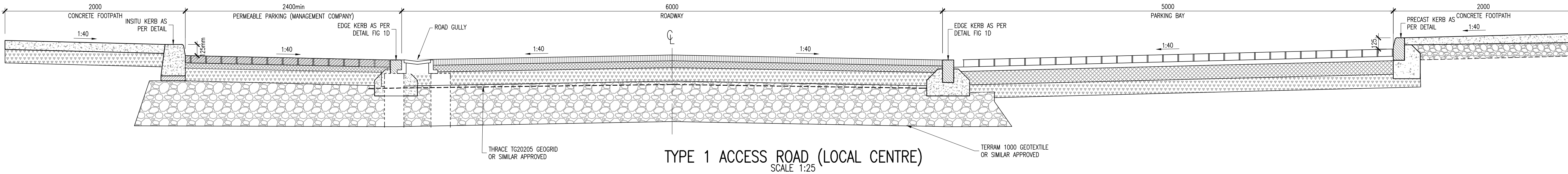
45mm OF SMA 10 SURF PMB 65/105-60 DES TO CLAUSE 942 (MIN PSV 55)
100mm OF ASPHALT CONCRETE BINDER COURSE: AC 20 DENSE BIN 40/60 (20mm AGGREGATE) TO CLAUSE 906 ON
150mm OF GRANULAR SUB-BASE TO CLAUSE 808 WITH BLINDED SURFACE ON
600mm CLASS 6F2 CAPPING MATERIAL.

CARPARK BAY CONSTRUCTION (PRIVATE)

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
350mm 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) ON
450mm CLASS 6F2 CAPPING STONE FORMATION COMPACTED WITH SMOOTH WHEEL ROLLER IN ACCORDANCE WITH SPECIFICATION (BASED ON CBR 2% AND SUBJECT TO MANUFACTURERS RECOMMENDATIONS)

CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT(150mm AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM) C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1106 ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 [MIN CBR 30%] ON 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 SLIGHT ROUGHNESS.



TYPE 1 ACCESS ROAD (LOCAL CENTRE)
SCALE 1:25

CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT(150mm AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM) C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1106 ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 [MIN CBR 30%] ON 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 SLIGHT ROUGHNESS.

BITUMINOUS CYCLEWAY

60mm BITUMINOUS SURFACE COURSE : AC10 DENSE SURF (10mm AGG) SINGLE LAYER ON
150mm SUB-BASE TO CL 804 (NRA) CRUSHED ROCK LAID TO FALL, COMPACTED & BLINDED WITH QUARRY SCREENINGS

CARRIAGEWAY & PARKING BAY

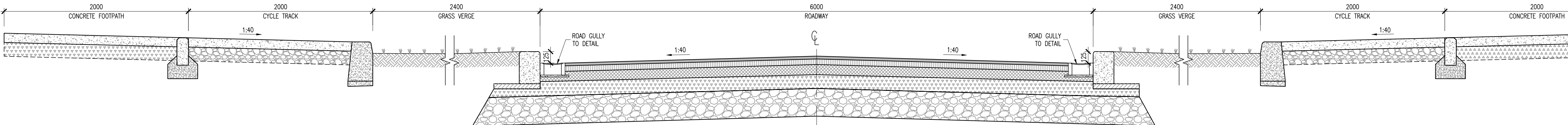
40mm BLACK SMA 10 SURF PMB 65/105-60 TO IS EN 13108-5 & CLAUSE 942 ON
60mm ASPHALT CONCRETE BINDER COURSE TO CLAUSE 906 NOTE 1 [AC 20 HDM BIN 40/60 TO EN13108:1] ON
100mm ASPHALT CONCRETE BASE COURSE TO CLAUSE 906 NOTE 1 [AC 32 HDM BAS 40/60 TO EN13108:1] ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 808 NOTE 1 [MIN CBR 30%] ON
VARIES CLASS 6F2 CAPPING MATERIAL TO CLAUSE 613 NOTE 1 [SUBJECT TO CBR RESULTS] ON FORMATION WITH CBR<3% [TO BE CONFIRMED WITH ENGINEER]

BITUMINOUS CYCLEWAY

60mm BITUMINOUS SURFACE COURSE : AC10 DENSE SURF (10mm AGG) SINGLE LAYER ON
150mm SUB-BASE TO CL 804 (NRA) CRUSHED ROCK LAID TO FALL, COMPACTED & BLINDED WITH QUARRY SCREENINGS

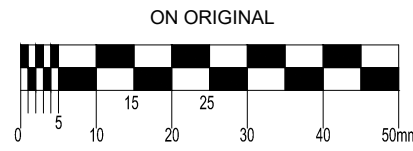
CONCRETE FOOTPATH

100mm CONCRETE PAVEMENT(150mm AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM) C40 AIR ENTRAINED OR C50 NO AIR ENTRAINED (EXPOSURE CLASS XF4) TO NRA CL 1106 ON
150mm UNBOUND GRANULAR SUB-BASE TYPE B TO CLAUSE 804 AND CLAUSE 808 [MIN CBR 30%] ON 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 SLIGHT ROUGHNESS.



TYPICAL SECTION THROUGH LINK STREET
SCALE 1:25

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