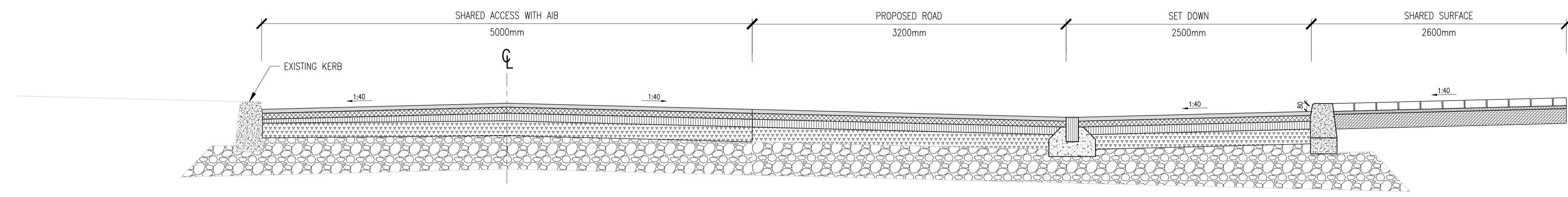


SHARED ACCESS ROAD AND SET DOWN

- 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 SDOCC 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 CAPPING LAYER)
- PREPARED FORMATION WITH CBR>3% [TO BE CONFIRMED WITH ENGINEER]

SHARED SURFACE

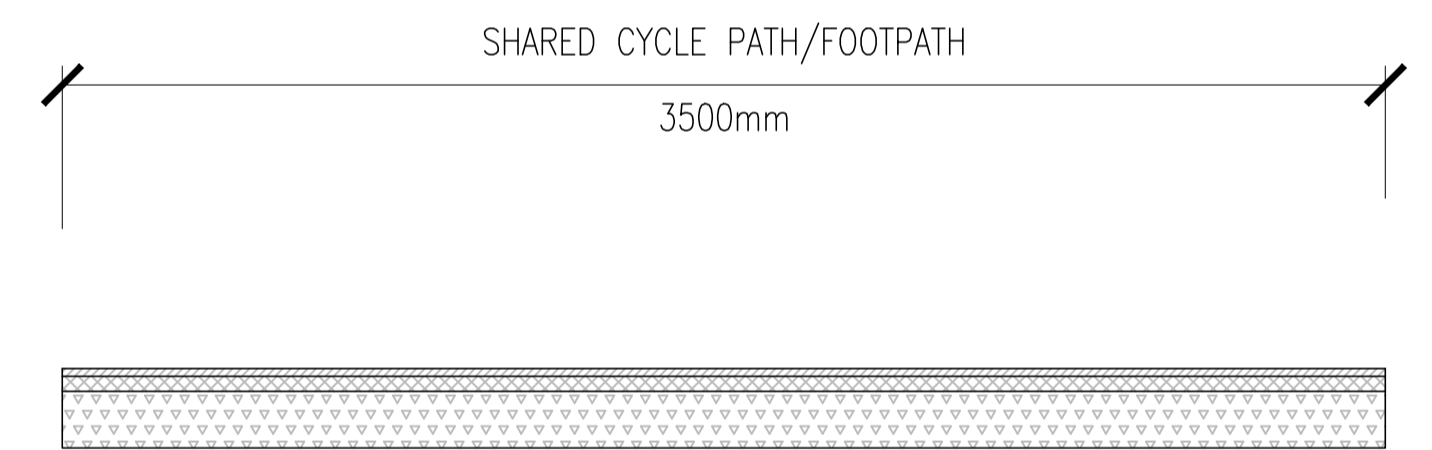
- 50mm 80mm PAVING BRICK/BLOCK AS PER ARCHITECTS SPECIFICATION
- 30mm BEDDING (AS PER ARCHITECTS SPECIFICATION)
- 150mm CLAUSE 804 SUB-BASE



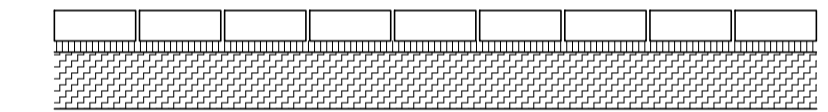
TYPICAL SECTION A-A: PROPOSED ROAD
SCALE 1:25

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 BLINDED SURFACE

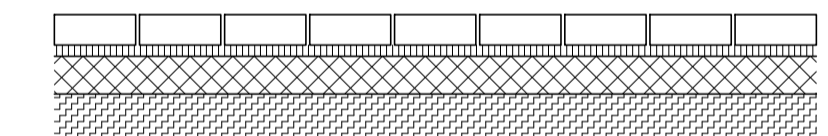


TYPICAL SECTION B-B: PROPOSED SHARED SURFACE
SCALE 1:20



- 80mm PAVING BRICK/BLOCK AS PER ARCHITECTS SPECIFICATION)
- 30mm BEDDING (AS PER ARCHITECTS SPECIFICATION)
- 150mm CLAUSE 804 SUB-BASE

TYPICAL SECTION C-C: STANDARD PAVING CONSTRUCTION IN PEDESTRIAN ONLY AREAS
SCALE 1:20



- 80mm PAVING BRICK/BLOCK AS PER ARCHITECTS SPECIFICATION)
- 30mm BEDDING (AS PER ARCHITECTS SPECIFICATION)
- 100mm DBMS0 (OR 150mm CBM 3 TO CLAUSE 1035 & 1038) (SRW)
- 150mm CLAUSE 804 SUB-BASE

TYPICAL SECTION D-D: STANDARD PAVING CONSTRUCTION IN TRAFFICKED AREAS
SCALE 1:20

- 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 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 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

P1	03-12-19	FOR ABP APPLICATION	JVS	BK
REV	DATE	DESCRIPTION	BY	CHKD
PLANNING				
DESIGNED	SPB	PREPARED	JVS	
DATE	OCT 2019	CHECKED	BK	

DBFL Consulting Engineers
 Dublin Office: Ormond House, Upper Ormond Quay, Dublin 7, Ireland. PHONE: +353 1 400 4000 FAX: +353 1 400 4050
 Waterford Office: Unit 2, The Chandlery, 1-2 O'Connell Street, Waterford, Ireland. PHONE: +353 51 308 500 FAX: +353 51 844 913
 Email: info@dbfl.ie site: www.dbfl.ie

PROJECT
PROPOSED DEVELOPMENT AT CORNELSCOURT

DRG. TITLE
TYPICAL ROAD CONSTRUCTION DETAILS SHEET 1

CLIENT
CORNEL LIVING LIMITED

SCALE AS SHOWN @A1 FILE REF. 180208-DBFL-XX-XX-DR-C-2010

DRG. NO. **180208-DBFL-XX-XX-DR-C-2010 P1**