CONCRETE PAVEMENT WITH EXPOSED AGGREGATE FINISH TO LANDSCAPE ARCHITECTS SPECIFICATION

| | |
|---|---|
| 100mm | C40/50 CONCRETE TO IS EN 206-1 AND CLAUSE1106 OF THE SPECIFICATION. XF4 EXPOSURE CLASS TO IS EN 206-1. PROVIDE 150mm DEPTH AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM. JOINT BAYS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES |
| 150mm | SUB-BASE OF TYPE B GRANULAR CRUSHED ROCK TO CLAUSE 808 |

PERMEABLE PAVING DRIVEWAY CONSTRUCTION

| | |
|---|---|
| 80MM | PERMEABLE CONCRETE PAVING BLOCK TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL, JOINTING MATERIAL AS PER MANUFACTURER'S RECOMMENDATIONS ON |
| 50MM | LAYING COURSE AS PER TABLE A.2 BS 7533-13 ON |
| 500MM | MIN LAYER OF 4MM TO 20MM COARSE ANGULAR CRUSHED ROCK AGGREGATE TO IS EN 13242 ON GEOTEXTILE TO CLAUSE 519 |

ROAD CONSTRUCTION

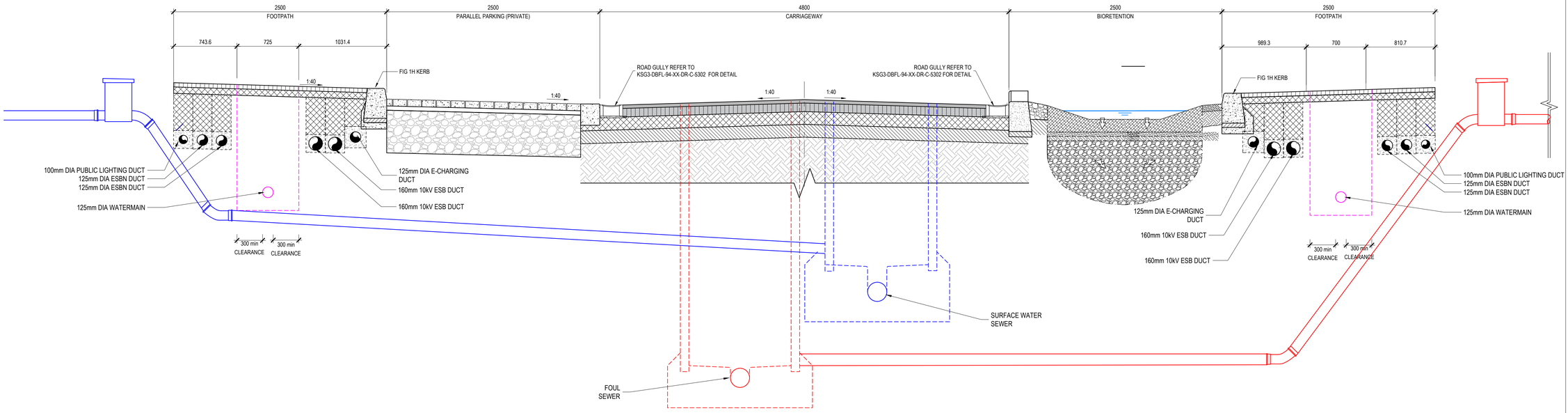
| | |
|---|---|
| 40mm | SMA-10 (SIAC DURACOLOUR - BIFF FINISH) SURFACE COURSE (10MM AGG) TO SERIES 900 NRA/TII ON |
| 100mm | BINDER COURSE OF AC20 DENSE BIN TO SERIES 900 NRA ON |
| 150mm | SUB-BASE GRANULAR CRUSHED ROCK TO CL 808 ON |
| 500mm | CAPPING OF SELECTED CRUSHED ROCK CAPPING TO CLAUSE 613 (CLASS 6F2) ON NON-WOVEN GEOTEXTILE TO CLAUSE 609. ON: |

BIORETENTION AREA

REFER TO DRAWING KSG3-DBFL-94-XX-DR-C-5303 FOR DETAILS

CONCRETE PAVEMENT WITH EXPOSED AGGREGATE FINISH TO LANDSCAPE ARCHITECTS SPECIFICATION

| | |
|---|---|
| 100mm | C40/50 CONCRETE TO IS EN 206-1 AND CLAUSE1106 OF THE SPECIFICATION. XF4 EXPOSURE CLASS TO IS EN 206-1. PROVIDE 150mm DEPTH AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM. JOINT BAYS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES |
| 150mm | SUB-BASE OF TYPE B GRANULAR CRUSHED ROCK TO CLAUSE 808 |




SECTION A-A (HOME ZONE CROSS SECTION)
REFER TO DRAWING KSG3-DBFL-95-XX-DR-C-1201
SCALE 1:25

CONCRETE PAVEMENT WITH EXPOSED AGGREGATE FINISH TO LANDSCAPE ARCHITECTS SPECIFICATION

| | |
|---|---|
| 100mm | C40/50 CONCRETE TO IS EN 206-1 AND CLAUSE1106 OF THE SPECIFICATION. XF4 EXPOSURE CLASS TO IS EN 206-1. PROVIDE 150mm DEPTH AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM. JOINT BAYS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES |
| 150mm | SUB-BASE OF TYPE B GRANULAR CRUSHED ROCK TO CLAUSE 808 |

PERMEABLE PAVING DRIVEWAY CONSTRUCTION

| | |
|---|---|
| 80MM | PERMEABLE CONCRETE PAVING BLOCK TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL, JOINTING MATERIAL AS PER MANUFACTURER'S RECOMMENDATIONS ON |
| 50MM | LAYING COURSE AS PER TABLE A.2 BS 7533-13 ON |
| 500MM | MIN LAYER OF 4MM TO 20MM COARSE ANGULAR CRUSHED ROCK AGGREGATE TO IS EN 13242 ON GEOTEXTILE TO CLAUSE 519 |

ROAD CONSTRUCTION

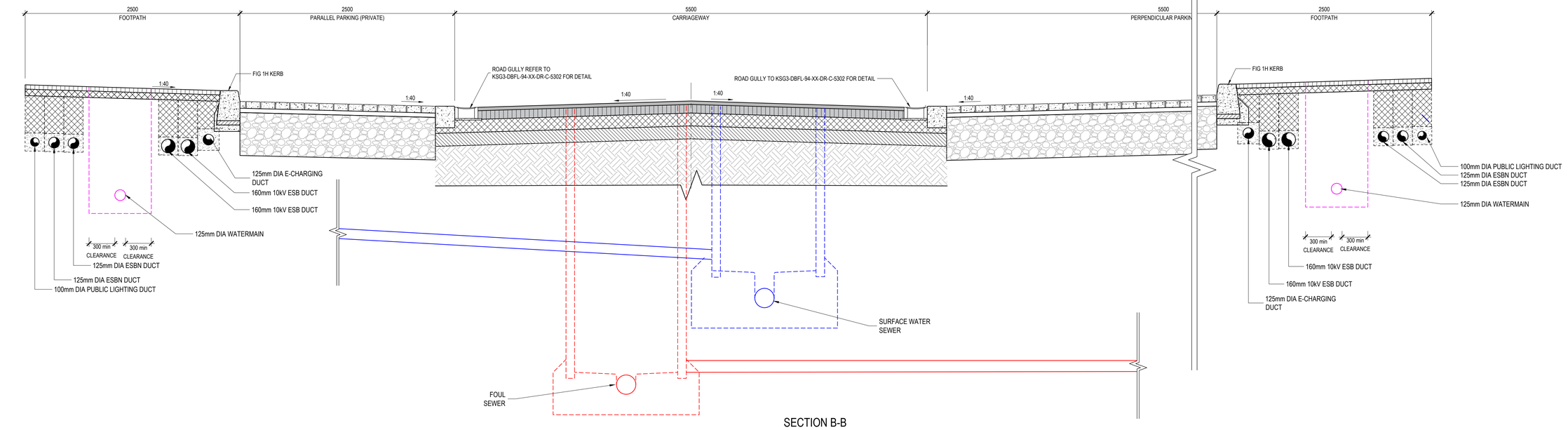
| | |
|---|---|
| 40mm | SMA-10 (SIAC DURACOLOUR - BIFF FINISH) SURFACE COURSE (10MM AGG) TO SERIES 900 NRA/TII ON |
| 100mm | BINDER COURSE OF AC20 DENSE BIN TO SERIES 900 NRA ON |
| 150mm | SUB-BASE GRANULAR CRUSHED ROCK TO CL 808 ON |
| 500mm | CAPPING OF SELECTED CRUSHED ROCK CAPPING TO CLAUSE 613 (CLASS 6F2) ON NON-WOVEN GEOTEXTILE TO CLAUSE 609. ON: |

PERMEABLE PAVING DRIVEWAY CONSTRUCTION

| | |
|---|---|
| 80MM | PERMEABLE CONCRETE PAVING BLOCK TO IS EN 1338 & ARCHITECTS SPECIFICATION & APPROVAL, JOINTING MATERIAL AS PER MANUFACTURER'S RECOMMENDATIONS ON |
| 50MM | LAYING COURSE AS PER TABLE A.2 BS 7533-13 ON |
| 500MM | MIN LAYER OF 4MM TO 20MM COARSE ANGULAR CRUSHED ROCK AGGREGATE TO IS EN 13242 ON GEOTEXTILE TO CLAUSE 519 |

CONCRETE PAVEMENT WITH EXPOSED AGGREGATE FINISH TO LANDSCAPE ARCHITECTS SPECIFICATION

| | |
|---|---|
| 100mm | C40/50 CONCRETE TO IS EN 206-1 AND CLAUSE1106 OF THE SPECIFICATION. XF4 EXPOSURE CLASS TO IS EN 206-1. PROVIDE 150mm DEPTH AT VEHICLE CROSSINGS WITH A393 MESH TOP AND BOTTOM. JOINT BAYS TO BE FORMED WITH TWO LAYERS OF BITUMINOUS FELT FOR FULL SLAB DEPTH AT 3m CENTRES |
| 150mm | SUB-BASE OF TYPE B GRANULAR CRUSHED ROCK TO CLAUSE 808 |




SECTION B-B
REFER TO DRAWING KSG3-DBFL-95-XX-DR-C-1201
SCALE 1:25

ON ORIGINAL

0 5 10 20 30 40 50mm

© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.

NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL

NOTES:

1. 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
2. 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.
3. 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.
4. 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.
5. 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 |

6. 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 |

7. 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.
8. ALL WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
9. ALL GEOGRIDS TO BE LAID IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
10. ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.
11. SUBGRADE CRB'S ARE TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF ROAD CONSTRUCTION

| rev | date | description | by | chkd. |
|---|---|---|---|---|
| 2 | 22-03-25 | ISSUED FOR PLANNING | JVS | DCB |
| 1 | 24-02-25 | DRAFT PLANNING ISSUE | JVS | DCB |
| 0 | 23-12-24 | DRAFT PLANNING ISSUE | JVS | DPR |

STATUS CODES

| purpose | acceptance |
|---|---|
| P3 - PLANNING PERMISSION | S - ISSUED |

DBFL CONSULTING ENGINEERS
T: + 353 1 400 4000 | E: info@dbfl.ie | W: www.dbfl.ie
DUBLIN | CORK | GALWAY | WATERFORD

project ref.
KISHOGE PART 10 APPLICATION

drawing title
SITE 3 - TYPICAL ROAD CONSTRUCTION DETAILS SHEET 3

client
SDCC

| designed by | author | scale | sheet size |
|---|---|---|---|
| DCB | JVS | AS NOTED | A1 |

drawing no. KSG3-DBFL-95-XX-DR-C-5203 revision 2