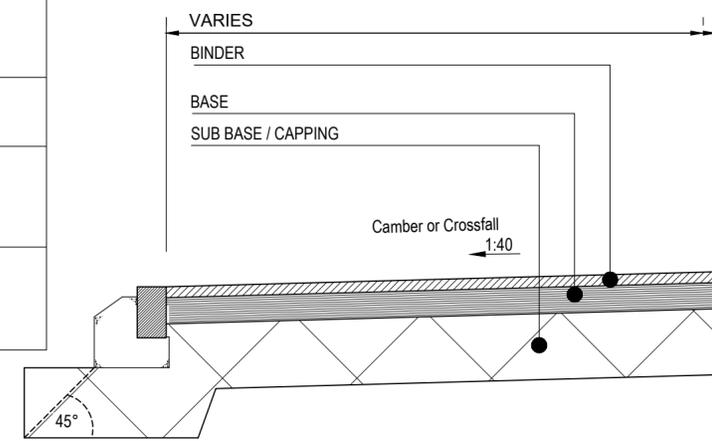


TARMACADAM CARRIAGEWAY

| LAYER | SPECIFICATION | THICKNESS (mm) |
|----------|---|----------------|
| BINDER | DENSE BITUMEN MACADAM (DBM) BINDER COURSE COMPLYING WITH BS EN 13108-1. AC20 DENSE BIN, BINDER GRADE 100/150. SEALING GRIT FOR BINDER COURSE, IF REQUIRED, SHALL BE BITUMEN PRE-COATED GRIT, NOT EXCEEDING 3mm NOM. SIZE. | 60mm |
| BASE | DENSE BITUMEN MACADAM (DBM) BASE COMPLYING WITH BS EN 13108-1. AC32 DENSE BIN, BINDER GRADE 100/150. | 130mm |
| SUB BASE | TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. THICKNESS TO BE DETERMINED FROM CBR VALUE MEASURED ONSITE. ALL TEST AND DECISIONS ON SUB-BASE REQUIREMENTS ARE TO BE MADE BY THE HIGHWAY AUTHORITY. | 320mm * |
| CAPPING | CLASS 6F1 OR 6F2 GRANULAR CAPPING MATERIAL TO CLAUSE 613 OF SHW. REQUIREMENT AND THICKNESS DEPENDANT UPON CBR TESTING. ALL TESTS AND DECISIONS ON CAPPING REPLACEMENT ARE TO BE MADE BY THE HIGHWAY AUTHORITY. | 240mm * |

THE ABOVE DESIGN APPLIES WHERE THE FORMATION CBR 3% INSITU. CBR TEST TO BE CARRIED OUT BY THE CONTRACTOR AT 30m INTERVALS AND RESULTS REPORTED TO THE HIGHWAY AUTHORITY/ENGINEER.



TARMACADAM CARRIAGEWAY - DETAIL A
SEE TABLE FOR CONSTRUCTION DETAILS
NOT TO SCALE

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- Key:
- Proposed Bull Nose (0mm Uprand) as per Wokingham Borough Council Standard Detail WDS_HD_02 & WDS_HD_03
 - Proposed Access (to Binder Course) as per detail A
 - Proposed Vehicular Crossover (to binder course) refer to table 1
 - Additional compacted Type 1 material (assumed) to suit existing
 - Existing fence to be taken down and replaced following removal of temporary access.
 - Existing tree whips to be removed and replaced following removal of temporary access.
 - 2.4m x 43m Junction Visibility Splay (30mph MFS)
 - Existing Root Protection Area Based on ACD Tree Survey CONS24461-03D received 29/10/24
 - Existing Tree Based on ACD Tree Survey MILL24614-01 received 17/01/24.

- Notes:
- Topographical survey shown based on Anthony Brookes Ltd survey "12400-1 Rev F" received 13/09/24.
 - Temporary construction accesses to be reinstated with suitable fill material, top soil and seeded.

| Rev | Date | Description | Drawn | Checked |
|-----|-------|-------------------------|-------|---------|
| P2 | 01/25 | Southern access amended | CS | RF |
| P1 | 12/24 | First Issue | CS | RF |

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Client: **MILLER HOMES KIER VENTURES**

Project: **SOUTH WOKINGHAM SDL**

Title: **MILLER / KIER SECTION 184 TEMPORARY ACCESSES**

| Scale | Date | Drawn | Checked |
|------------|----------|-------|---------|
| 1:500 @ A2 | DEC 2024 | CS | RF |
| Drawing No | Revision | | |
| A389-086 | P02 | | |

TABLE 1: TARMACADAM FOOTWAY/CYCLEWAY/DOMESTIC VEHICULAR CROSSING

| LAYER | SPECIFICATION | THICKNESS (mm) |
|----------|--|--------------------------------------|
| SURFACE | DENSE GRADE ASPHALT CONCRETE SURFACE COURSE COMPLYING WITH BS EN 13108. AC 6 DENSE SUR, BINDER GRADE 100/150 PEN. | 25mm |
| BINDER | DENSE GRADE ASPHALT CONCRETE BINDER TO CLAUSE 906 COMPLYING WITH BS EN 13108. AC 20 DENSE BIN, BINDER GRADE 40/60 PEN. | 75mm |
| SUB BASE | TYPE 1 SUB-BASE MATERIAL TO CLAUSE 803, TABLE 8/2 OF SHW. MINIMUM CBR OF 20%. THICKNESS DEPENDANT UPON CBR TESTING. | CBR <2% - 225mm CBR >2.5% - 150mm |

