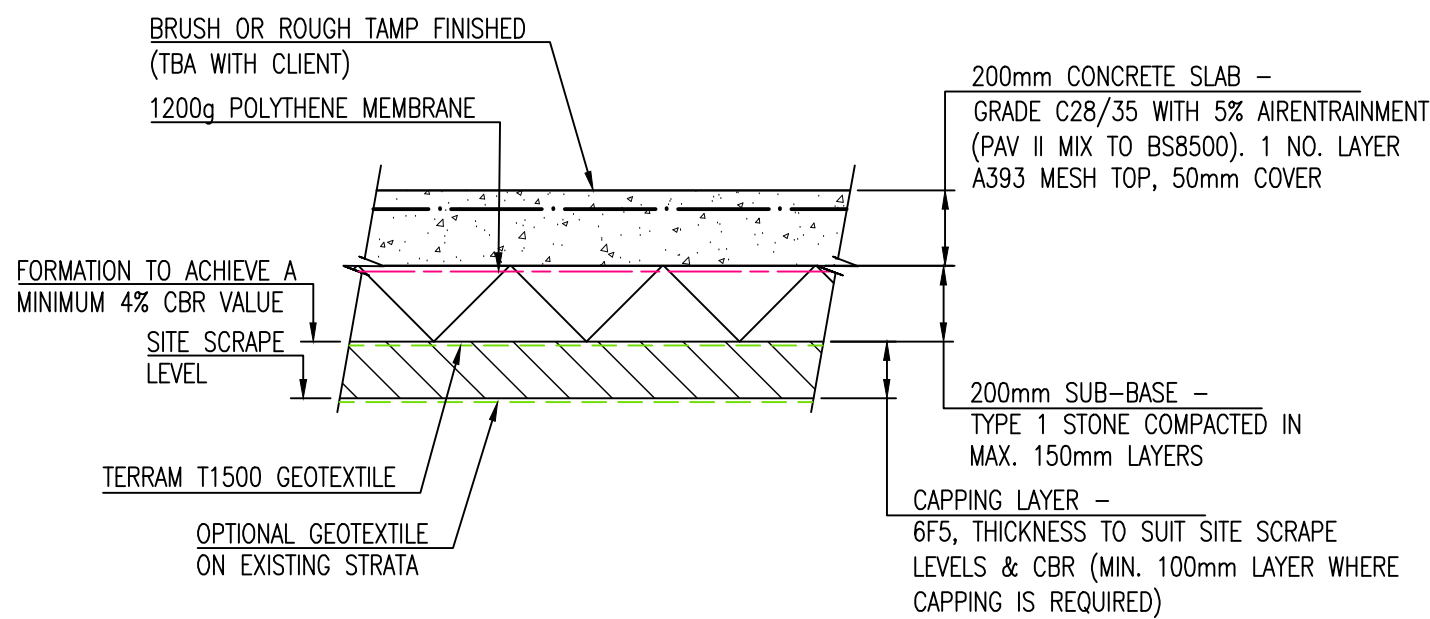
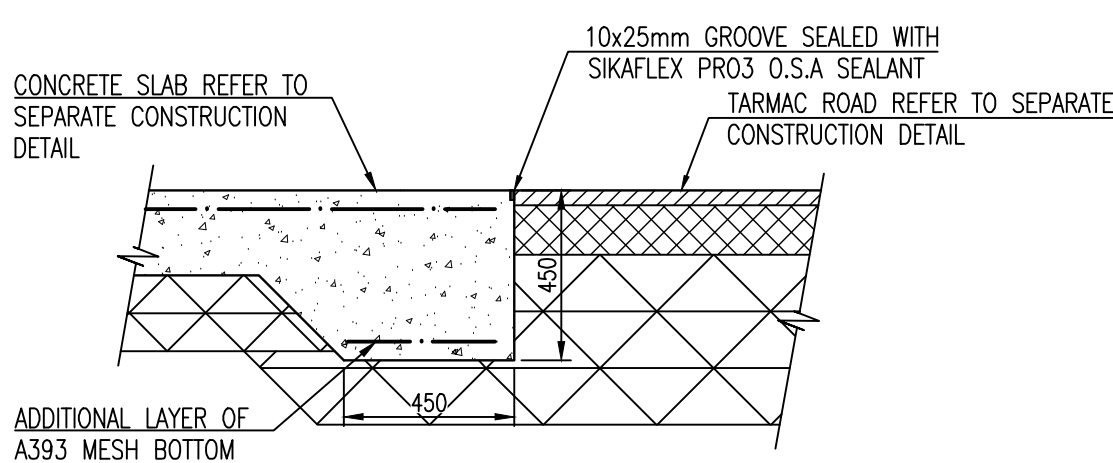




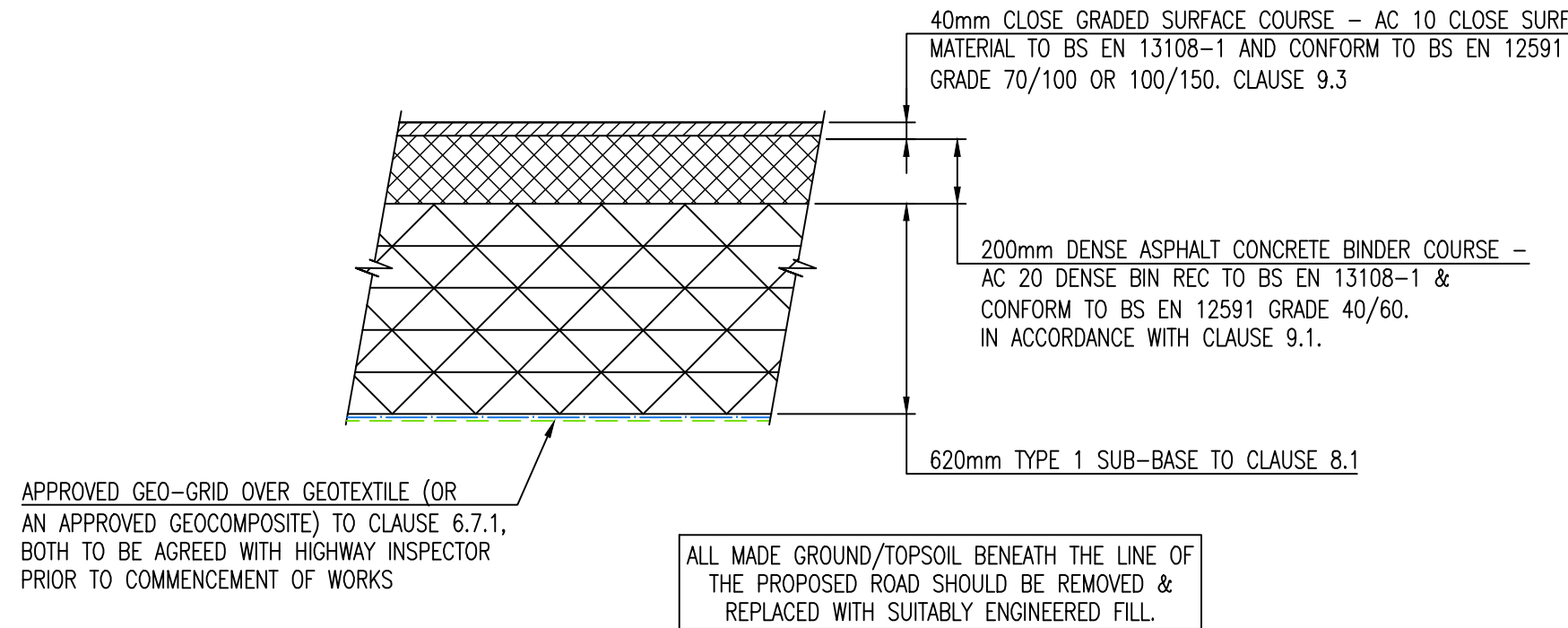
CONCRETE SLAB CONSTRUCTION DETAIL

SCALE 1:20



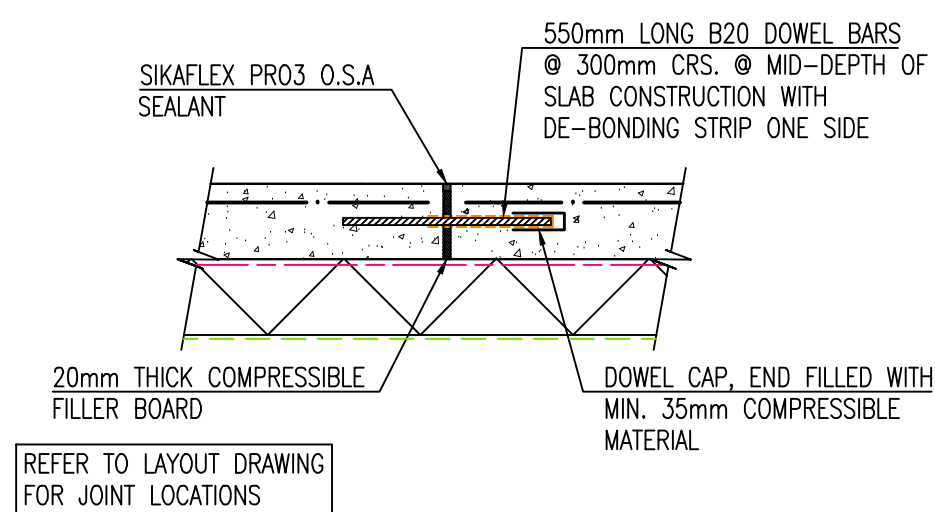
TYPICAL TRANSITION BETWEEN CONCRETE ROAD AND TARMAC ROAD

SCALE 1:20



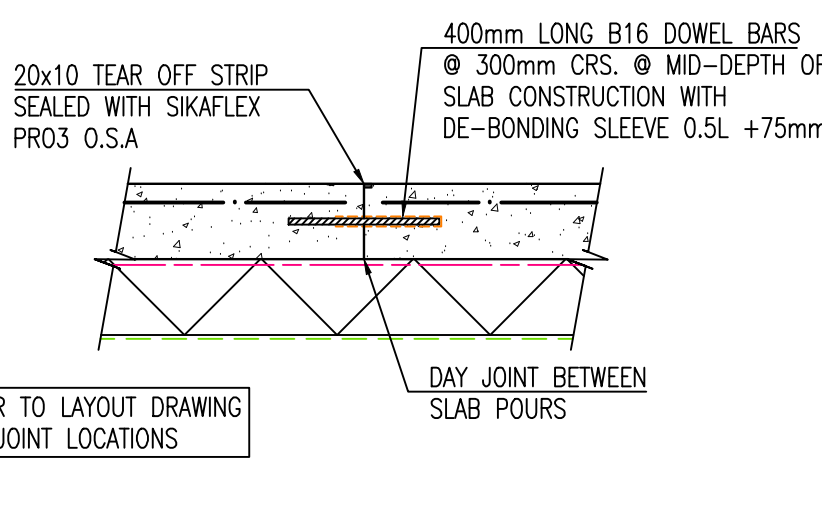
TARMAC CONSTRUCTION DETAIL WITHIN HIGHWAY BOUNDARY

SCALE 1:20



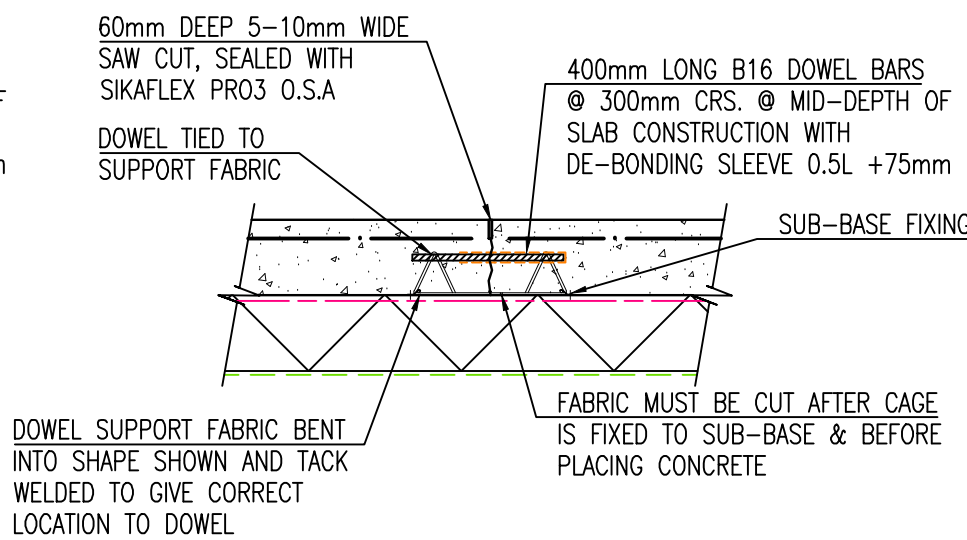
CONCRETE SLAB EXPANSION JOINT

SCALE 1:20



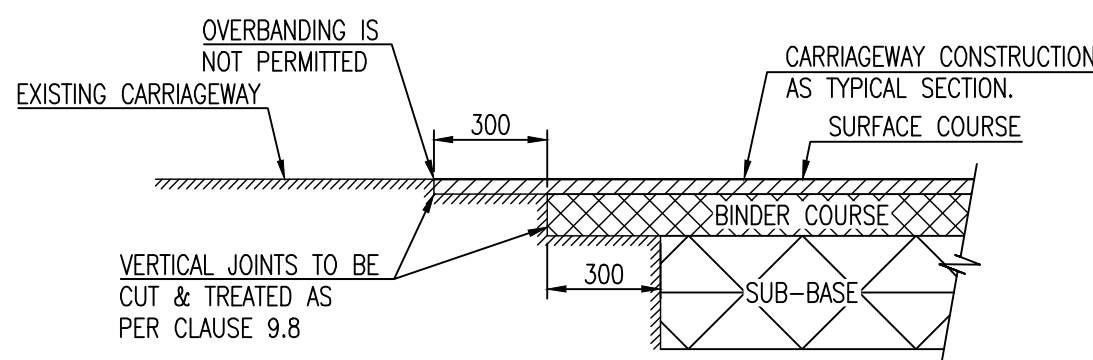
CONCRETE SLAB FORMED CONTRACTION JOINT

SCALE 1:20



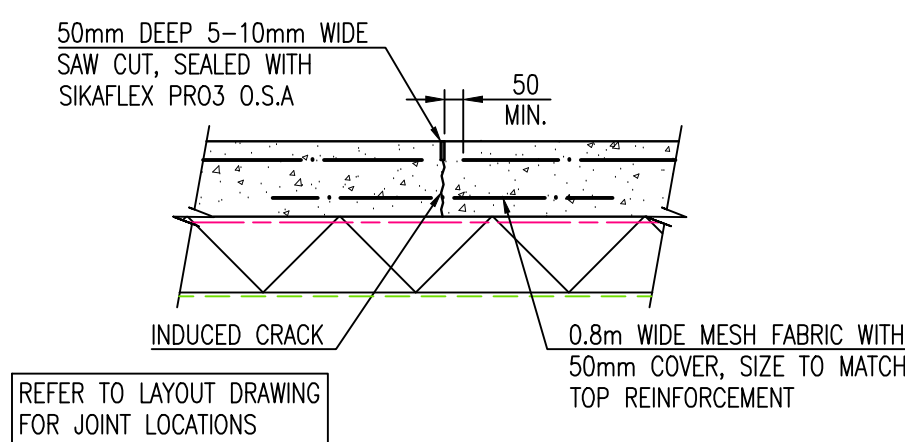
CONCRETE SLAB SAWN CONTRACTION JOINT

SCALE 1:20



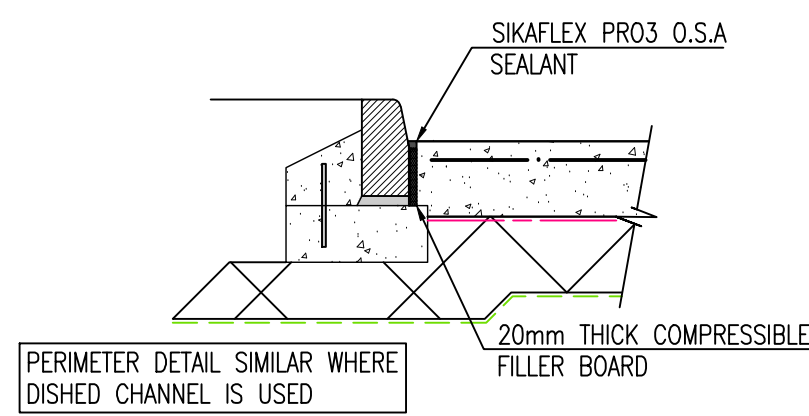
TYPICAL JOINT WITH EXISTING CARRIAGEWAYS

SCALE 1:20



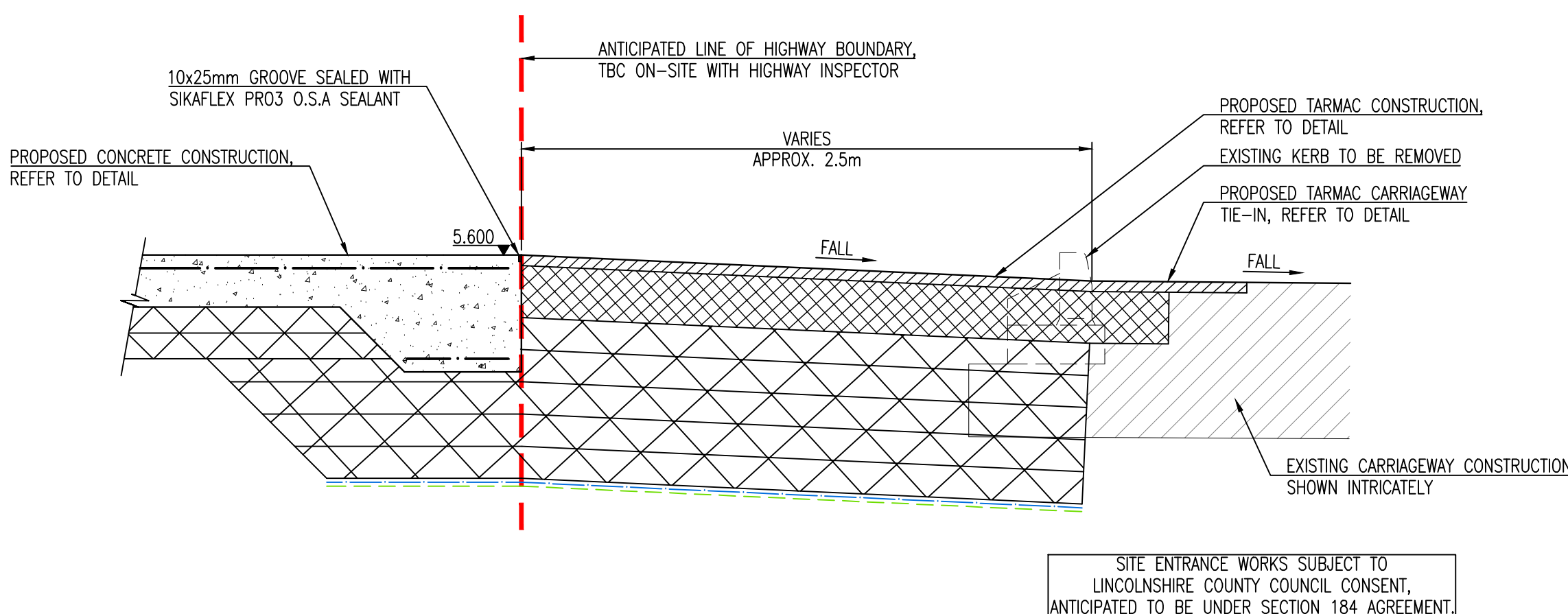
CONCRETE SLAB INDUCED (SAWN) JOINT

SCALE 1:20



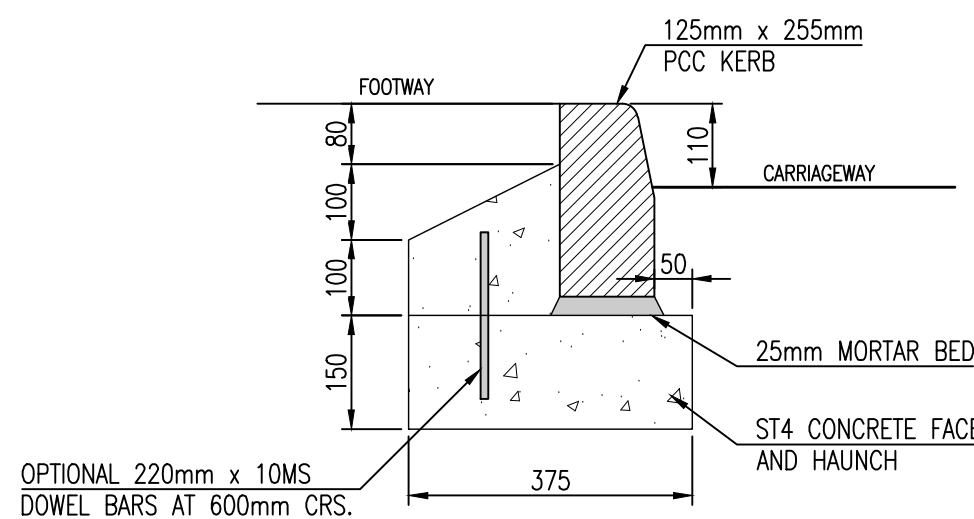
ISOLATION JOINT (PERIMETER KERB)

SCALE 1:20



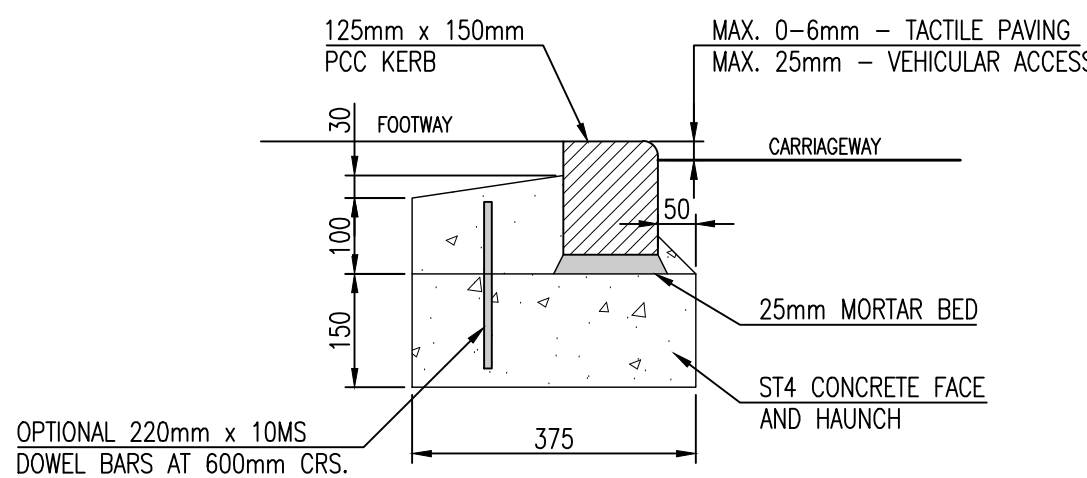
TYPICAL SECTION THROUGH MAIN SITE ENTRANCE SHOWING PROPOSED HIGHWAY WORKS

SCALE 1:20



TYPICAL STANDARD KERB DETAIL (HB2 125x255mm)

SCALE 1:10



TYPICAL BULL NOSE KERB DETAIL (BN 125x150mm)

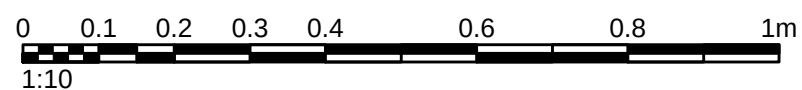
SCALE 1:10

PLEASE REFER TO ARCHITECTS DRAWINGS FOR CONFIRMATION OF ALL WALL/SETTING OUT DIMENSIONS PRIOR TO COMMENCING OF WORKS

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS & STRUCTURAL CALCULATIONS

CONCRETE HARDSTANDING GENERAL NOTES

- ALL TOP SOIL, SOFT MATERIALS AND VEGETATION SHALL BE REMOVED PRIOR TO CONSTRUCTION OF GROUND SLAB. CONTRACTOR TO ENSURE SUBGRADE/CAPPING LAYER ACHIEVES A CBR OF 4%. CONTRACTOR TO INCLUDE FOR ON SITE TESTING.
- IMMEDIATELY PRIOR TO THE LAYING OF THE SUB-BASE, THE FORMATION LEVEL SHOULD BE PREPARED AS FOLLOWS:-
 - SURFACE LEVEL TOLERANCE SHOULD BE WITHIN +20mm AND -30mm.
 - ANY SOFT AREAS SHALL BE REMOVED, AND REPLACED WITH APPROVED COMPACTED GRANULAR MATERIALS.
 - THE FORMATION SHALL BE PROOF ROLLED.
- THE SUB-BASE SHALL BE DOT TYPE (1) MATERIAL OR OTHER SIMILAR GRANULAR MATERIAL APPROVED BY THE ENGINEER IN WRITING. THEY SHALL BE COMPACTED IN ACCORDANCE WITH PART 3 CL 802 OF DOT SPECIFICATIONS FOR HIGHWAY WORKS. THE SUB-BASE SHALL BE BLINDED WITH FINE MATERIAL AND LEVELLED READY TO RECEIVE 1200 GAUGE POLYTHENE SHEETING WHICH WILL BE LAPPED BY MIN. OF 150mm. THE SHEETING SHALL BE PROTECTED FROM PERFORATION AND PLACED AS LATE AS POSSIBLE BEFORE CONCRETING. ALL SUB-BASE GRANULAR MATERIAL SHALL BE NON-FROST SUSCEPTIBLE AS DEFINED IN THE ROAD RESEARCH LABORATORY SUPPLEMENTARY REPORT NO. 829.
- ALL CONCRETING MATERIALS, WORKMANSHIP & OPERATIONS, INCLUDING SAMPLING & TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH BS 8110, BS 1881 & BS 5328. CONCRETE TO BE GRADE C28/35 WITH 5% AIRENTRAINMENT.
- ALL SIDE FORMS ARE TO BE STEEL WITH SQUARE CORNERS AND LEVELLED. PRECAST SCREED RAILS SHOULD NOT BE USED WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- ALL MESH REINFORCEMENT TO HAVE A MINIMUM LAP OF 300mm.
- DOWEL BARS SHOULD BE SAWN AND NOT CROPPED. THEY SHOULD BE HORIZONTAL AND SQUARE TO THE SIDE FORM.
- EXTERNAL SLAB FINISH TO BE BRUSHED FINISH UNLESS OTHERWISE AGREED WITH THE CLIENT.
- COVER TO REINFORCEMENT TO BE 50mm U.N.O.
- IMMEDIATELY AFTER CASTING, CONCRETE IS TO BE CURED FOR A MINIMUM OF 7 DAYS BY POLYTHENE SHEETING PROPERLY HELD DOWN AT THE EDGES.
- WHERE JOINT SEALANTS ARE SPECIFIED THEY SHALL BE PLACED AS LATE AS POSSIBLE TO ALLOW JOINTS TO OPEN TO THEIR MAXIMUM.
- CONTRACTOR TO VERIFY ALL SITE DIMENSIONS BEFORE COMMENCING WORK OR PREPARING SHOP DRAWINGS.
- ALL CUT BARS IN EXISTING OR NEW CONCRETE TO BE SEALED WITH SIKAFLEX PRO3 O.S.A TO MANUFACTURERS RECOMMENDATIONS.



REV.	DESCRIPTION	DRN.	APP.	DATE
-	FIRST ISSUE - FOR INFORMATION.	MP	APW	25.04.25

SHIELDS WILSON e: info@shieldswilson.co.uk t: 01775 729252
STRUCTURAL AND CIVIL ENGINEERING

STATUS FOR INFORMATION

CLIENT BOUD MINERALS

PROJECT PROPOSED STORE BUILDING & YARD, WEST BANK, SUTTON BRIDGE

TITLE PROPOSED EXTERNAL WORKS DETAILS

DATE	APR. '25	SCALE	DATE	DRAWING NO.	REV.
DRAWN	MP	1:20		SW23-115-110	-