

NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT NATIONAL AND INTERNATIONAL STANDARDS, THE LOCAL AUTHORITIES OR STATUTORY BODIES.
- WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARDS SPECIFICATIONS, THE CURRENT EDITION SHALL BE USED.
- REFER TO ARCHITECT'S LAYOUTS FOR SETTING OUT INFORMATION.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ONLY WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS FROM THE RELEVANT DISCIPLINES. ARCHITECT, CIVIL, ELECTRICAL AND MECHANICAL.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST 24 HOURS ADVANCE NOTICE FOR INSPECTIONS.
- ENGINEER SHALL BE NOTIFIED WITHOUT DELAY SHOULD THERE BE ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS AND SPECIFICATIONS.
- FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL / GEOTECHNICAL ENGINEER BEFORE ANY BUILDING IS CAST.
- REINFORCING TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING CONCRETE.
- ALL DUCTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
- POSITION OF CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.
- CONCRETE STRENGTHS @ 28 DAYS:
FOUNDATIONS : 30 MPa
COLUMNS : 30 MPa
ROOF SLABS : 30 MPa
BEAMS : 30 MPa
- COVER TO STEEL REINFORCEMENT: U.O.N.
FOUNDATIONS : 50 mm
COLUMNS : 30 mm
BEAMS : 30 mm
- ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
- ALL WATERPROOFING TO ARCHITECT'S DETAIL.
- SAW CUTS ARE TO BE MADE AS SOON AS THE CONCRETE IS FIRM ENOUGH NOT TO BE TORN OR DAMAGED BY THE CUTTING BLADE (USUALLY BETWEEN 1 TO 10 HRS AFTER CASTING).
- ALL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SANS 5001:01 & SANS 1921-3.
- ALL STEELWORK TO BE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.
- A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
- ALL WELDS TO BE CONTINUOUS FILLET WELDS IN ACCORDANCE WITH SANS AND AWS/BS STANDARDS.

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PROJECT
DSBA SCHOOLS FS
THABONG PRIMARY SCHOOL
FREE STATE

BRANNING

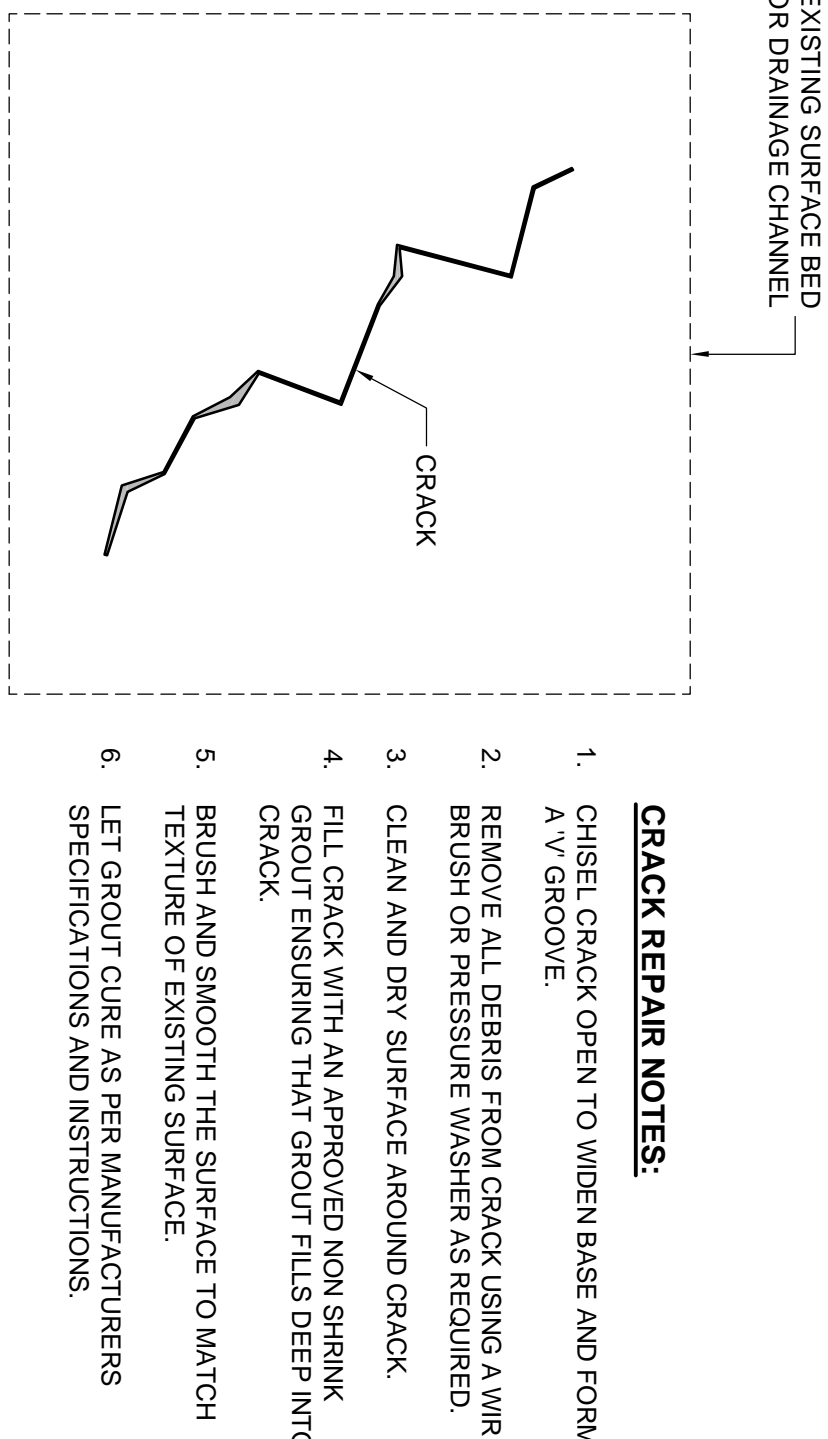
TYPICAL DETAILS (SHEET 2)

REVISION	DATE	REASON
DESIGNED	2023-02-17	
DRAWN	2023-02-17	
CHECKED	2023-02-18	
APPROVED	2023-02-18	
SCALE	AS SHOWN	
PROJECT NUMBER	BRANNING	
DRAWING NUMBER	STATUS	REVISION
AS SHOWN		

SAB1777-TFS-196-P-0

DRAWING STATUS CODES:
R - REVISION
D - DRAWING
1 - INITIAL
P - PRELIMINARY
C - COMPLETION
A - AS-BUILT

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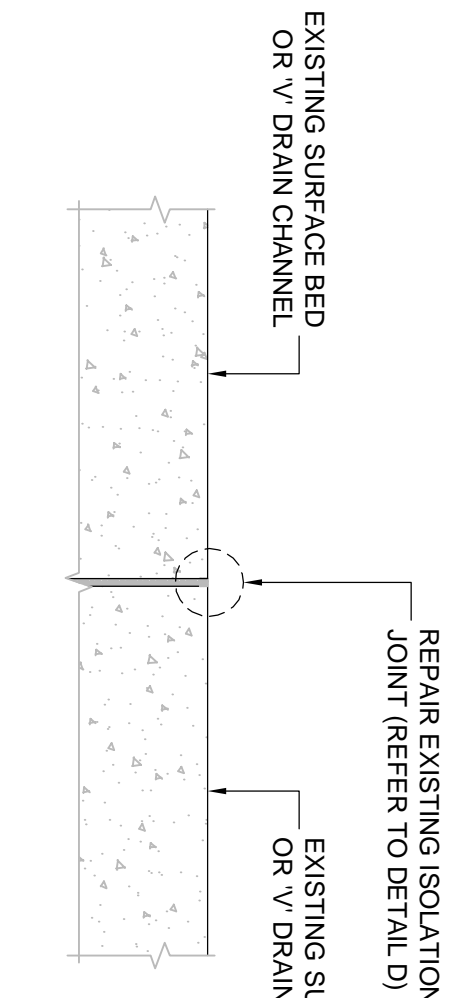


CRACK REPAIR NOTES:

- CHISEL CRACK OPEN TO WEDGE BASE AND FORM A V GROOVE.
- REMOVE ALL DEBRIS FROM CRACK USING A WIRE BRUSH OR PRESSURE WASHER AS REQUIRED.
- CLEAN AND DRY SURFACE AROUND CRACK.
- FILL CRACK WITH AN APPROPRIATE NON-SHRINKING GROUT ENSURING THAT GROUT FILLS DEEP INTO CRACK.
- BRUSH AND SMOOTH THE SURFACE TO MATCH TEXTURE OF EXISTING CONCRETE.
- LET GROUT CURE AS PER MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.

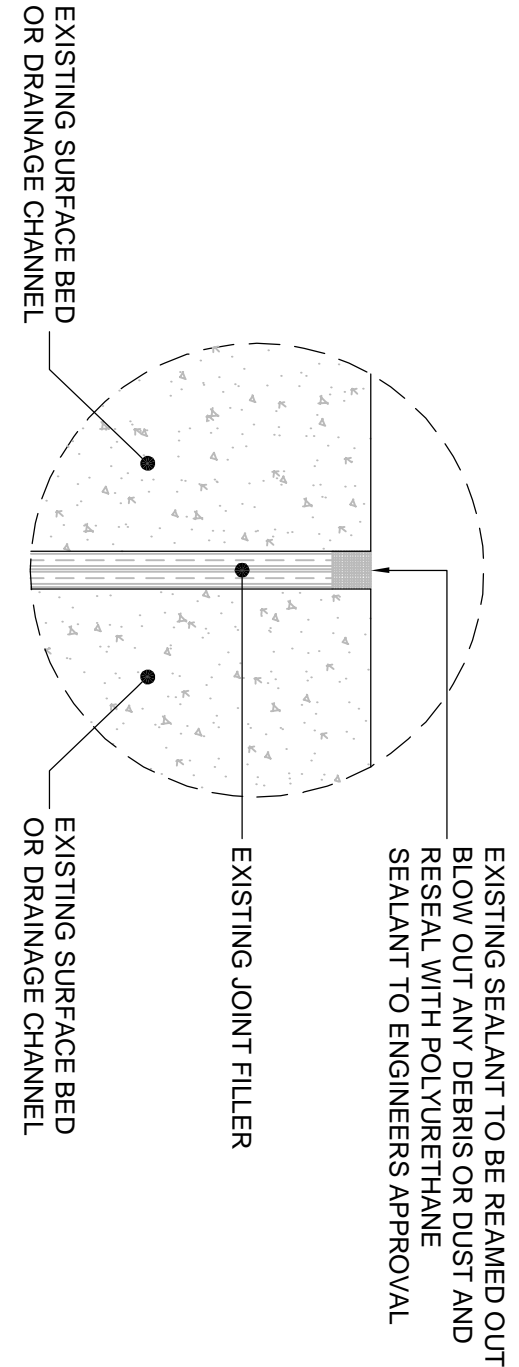
TYPICAL CRACK REPAIR DETAIL
SURFACE BED OR DRAIN CHANNEL

SCALE 1:10



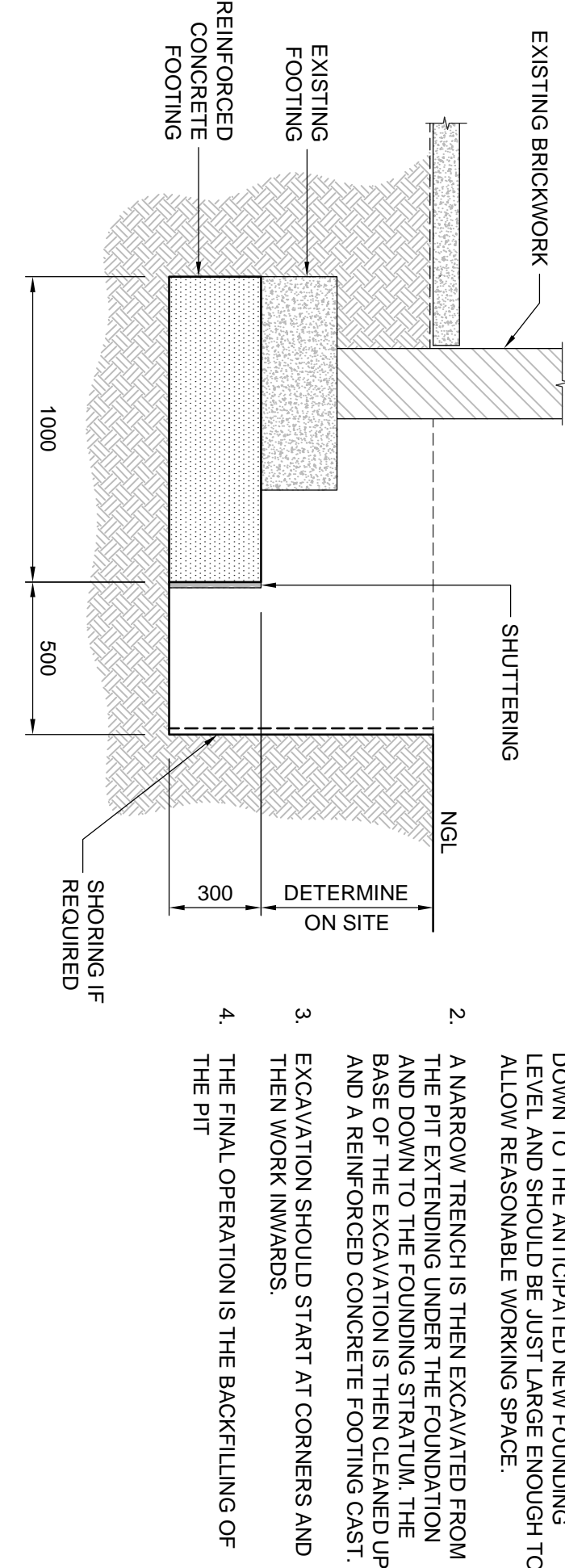
TYPICAL EXPANSION JOINT REPAIR DETAIL
SURFACE BED OR DRAINAGE CHANNEL

SCALE 1:10



DETAIL D

SCALE 1:2

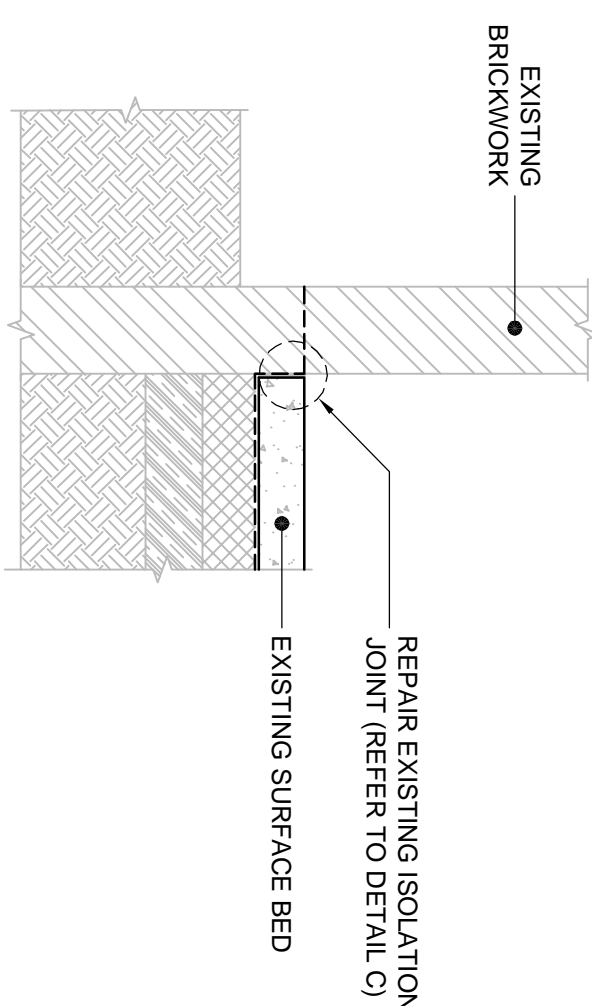


UNDERPINNING NOTES:

- THIS INCLUDES AN INITIAL EXCAVATION OF A NARROW PIT ALONGSIDE THE EXISTING FOUNDATION IN LIMITED LENGTHS (PREFERABLY 1.0M MAX) TO EXPOSE THE FOUNDATION DOWN TO THE ANTICIPATED NEW FOUNDING LEVEL, AND SHOULD BE JUST LARGE ENOUGH TO ALLOW REASONABLE WORKING SPACE.
- A NARROW TRENCH IS THEN EXCAVATED FROM THE EXISTING FOUNDATION DOWN TO THE BASE OF THE EXCAVATION IS THEN CLEANED UP AND A NEW GRADE COURSE (150mm GRASS) THEN WORK INWARDS.
- EXCAVATION SHOULD START AT CORNERS AND THE FINAL OPERATION IS THE BACKFILLING OF THE PIT.
- SHOULDER IF REQUIRED

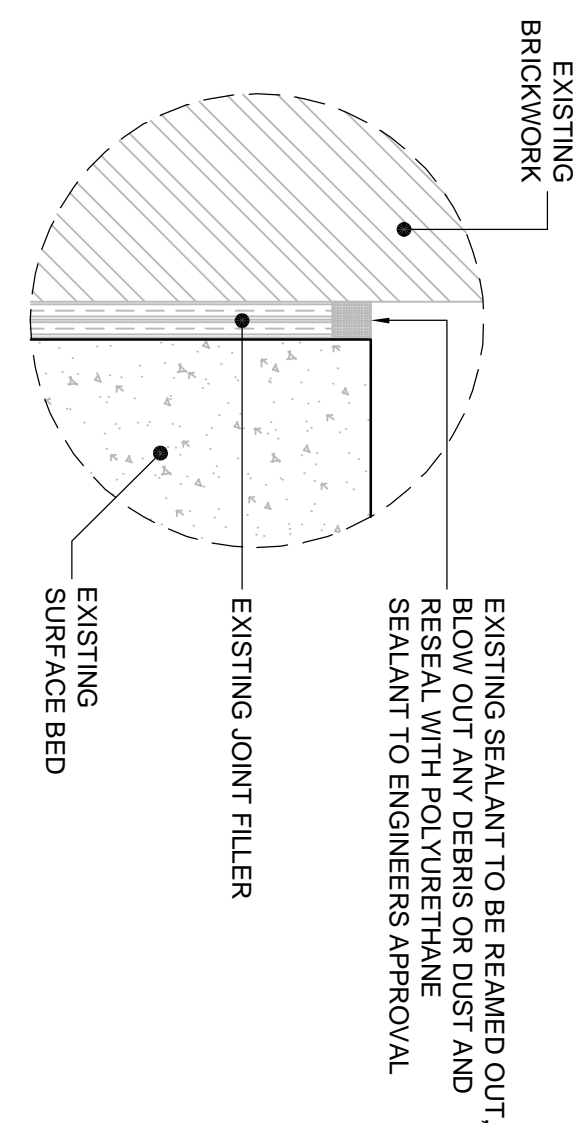
TYPICAL UNDERPINNING DETAIL

SCALE 1:20



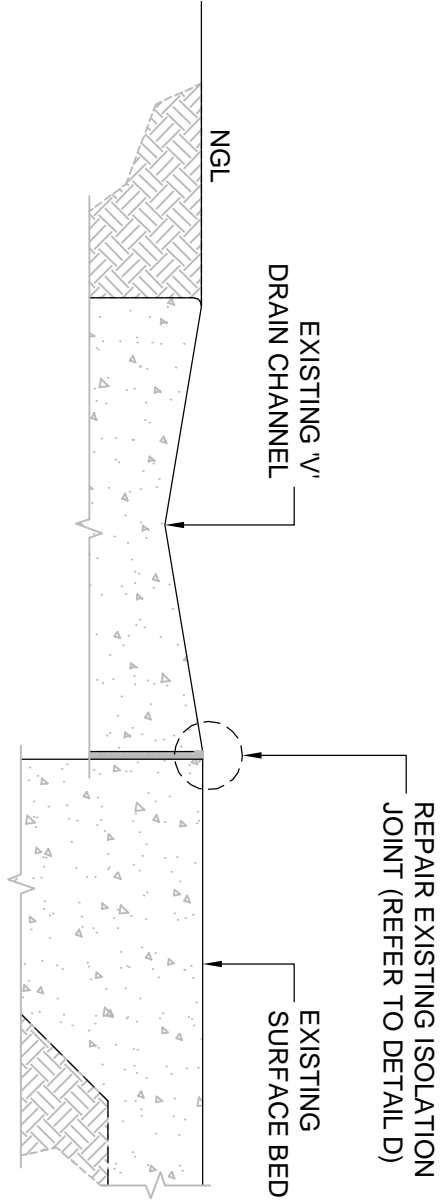
TYPICAL ISOLATION JOINT REPAIR DETAIL
SURFACE BED TO BRICKWORK

SCALE 1:20



DETAIL C

SCALE 1:2

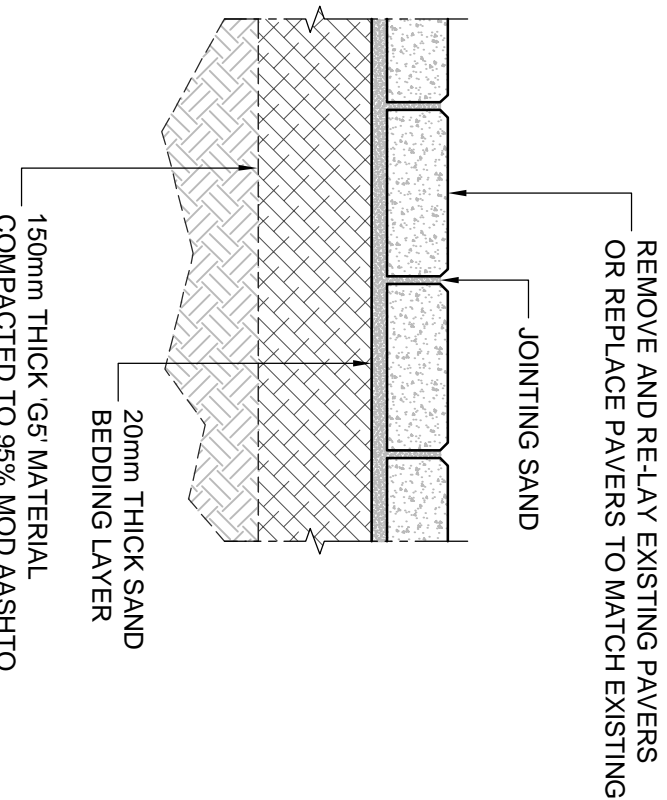
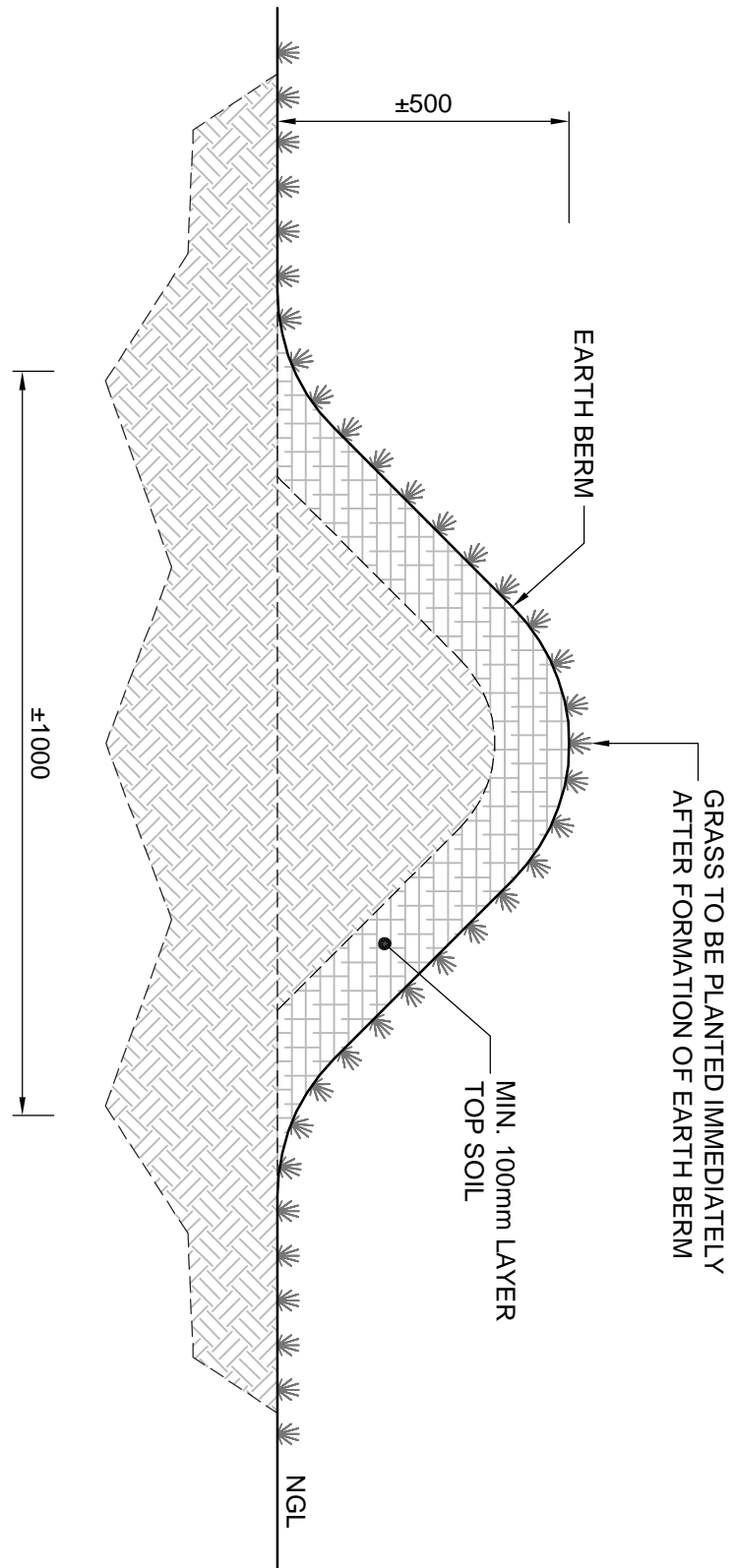


TYPICAL ISOLATION JOINT REPAIR DETAIL
SURFACE BED TO DRAINAGE CHANNEL

SCALE 1:10

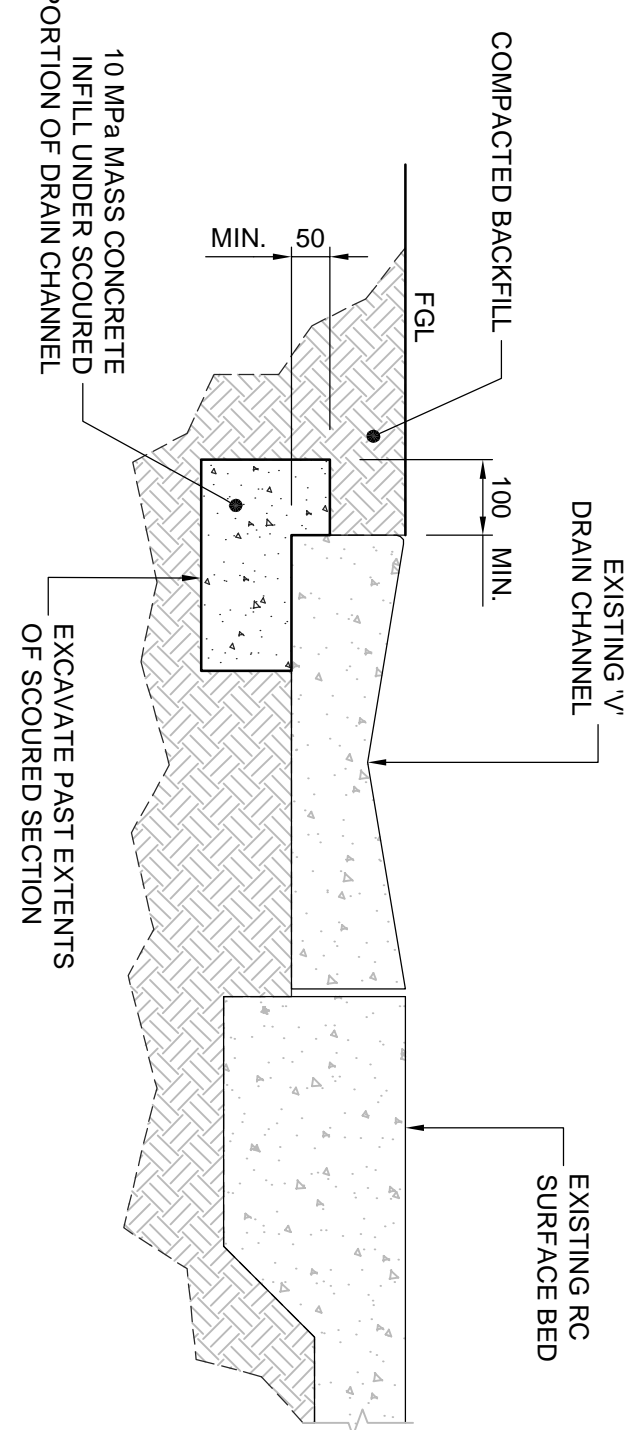
EARTH BERM DETAIL

SCALE 1:10



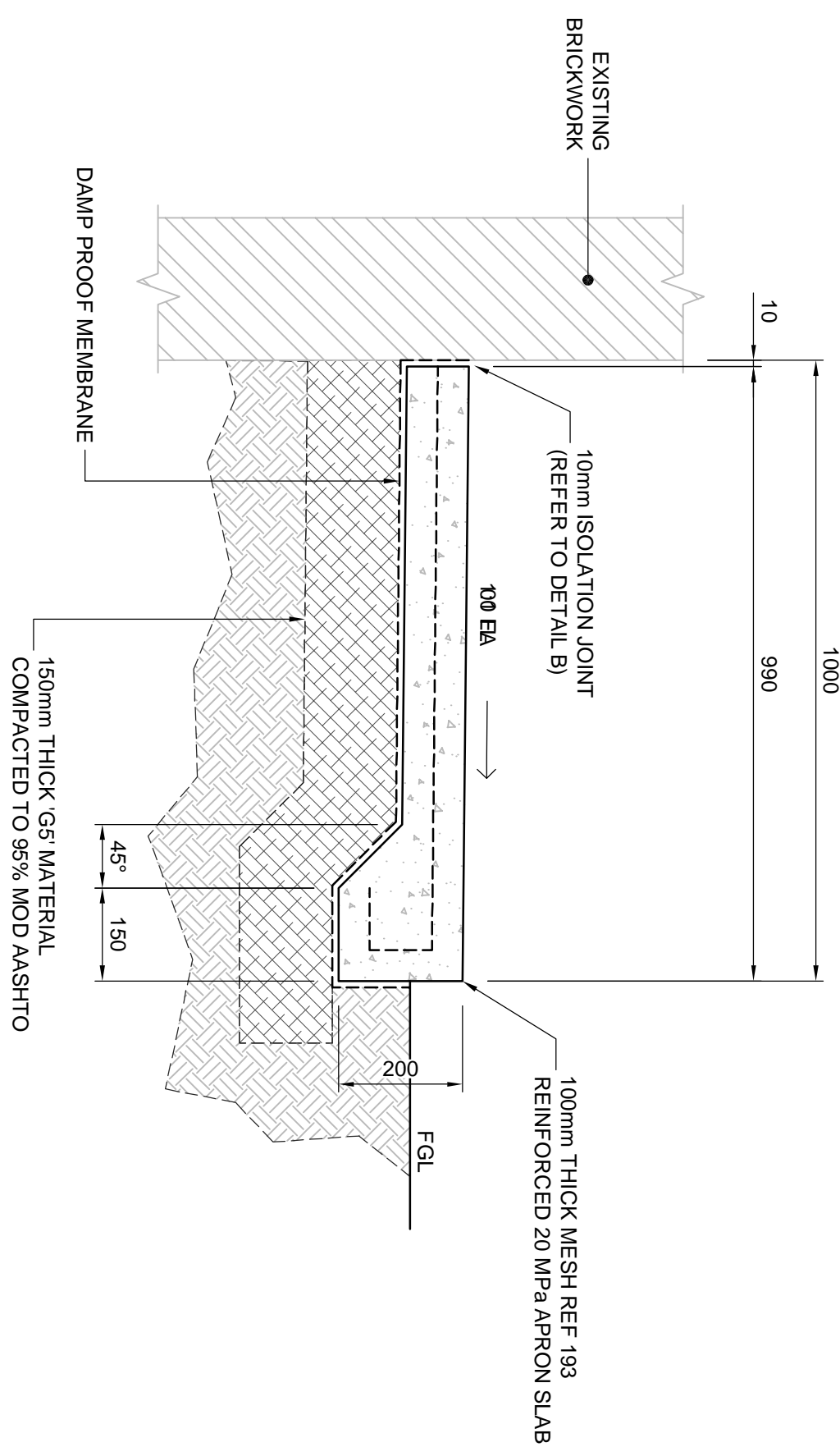
TYPICAL PAVING DETAIL

SCALE 1:10



TYPICAL 'V' DRAIN SCOUR DETAIL

SCALE 1:10



APRON SLAB DETAIL

SCALE 1:10