

NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200 AND AS REQUIRED BY THE LOCAL AUTHORITIES OR STATUTORY BODIES.
- WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARD SPECIFICATIONS, THE CURRENT EDITION SHALL BE USED.
- REFER TO ARCHITECTS LAYOUTS FOR SETTING OUT INFORMATION.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION, ANY DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER IN WRITING.
- ONLY WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS FROM THE RELEVANT DISCIPLINES.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST 24 HOURS ADVANCE NOTICE FOR INSPECTIONS.
- THE 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, AND 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:  
BLINDING : 15 MPa  
FOUNDATIONS : 25 MPa  
COLUMNS : 30 MPa  
SURFACE BEDS : 25 MPa  
ROOF SLABS : 30 MPa  
BEAMS : 30 MPa
- COVER TO STEEL REINFORCEMENT U.O.N.  
FOUNDATIONS : 50 mm  
BEAMS : 30 mm  
COLUMNS : 30 mm
- ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
- ALL WATERPROOFING TO ARCHITECTS 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 24 TO 48 HOURS AFTER CASTING).
- ALL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SANS 2001-C01 & SANS 1921-3.
- ALL STEELWORK TO BE SANS 50025-S355JR UNLESS OTHERWISE NOTED.
- A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
- ALL WELDS TO BE MINIMUM 6mm CONTINUOUS FILLET WELDS UNLESS OTHERWISE NOTED AND IN STRICT ACCORDANCE WITH SANS AND ANSI/AWS STANDARDS.
- ALL BOLTS SHALL BE GRADE 8.8 UNLESS OTHERWISE NOTED.
- ALL STEELWORK TO BE HOT DIPPED GALVANISED TO SANS 1200-HC AND SANS 121 UNLESS OTHERWISE NOTED.



PROJECT  
DBSA SCHOOLS R9  
THAKAMEISO COMPREHENSIVE SECONDARY SCHOOL  
FREE STATE

DRAWING

FOUNDATION AND SURFACE BED DETAILS  
SHEET 1 OF 1

	RESPONSIBLE PERSON	DATE
DESIGNED	MG	2022-11-28
DRAWN	MG	2022-11-28
CHECKED	KT	2022-11-29
APPROVED	MANI GOVENDER (PR. ENG. - 20060241)	2022-11-29
SCALE	AS SHOWN	SHEET SIZE A1
PROJECT NUMBER DRAWING NUMBER STATUS REVISION		

SAB1777-1C55-173-P-00

DRAWING STATUS CODES :

R = REPAIR  
D = DRAFT  
T = TENDER  
P = PRELIMINARY  
C = CONSTRUCTION  
A = AS BUILT

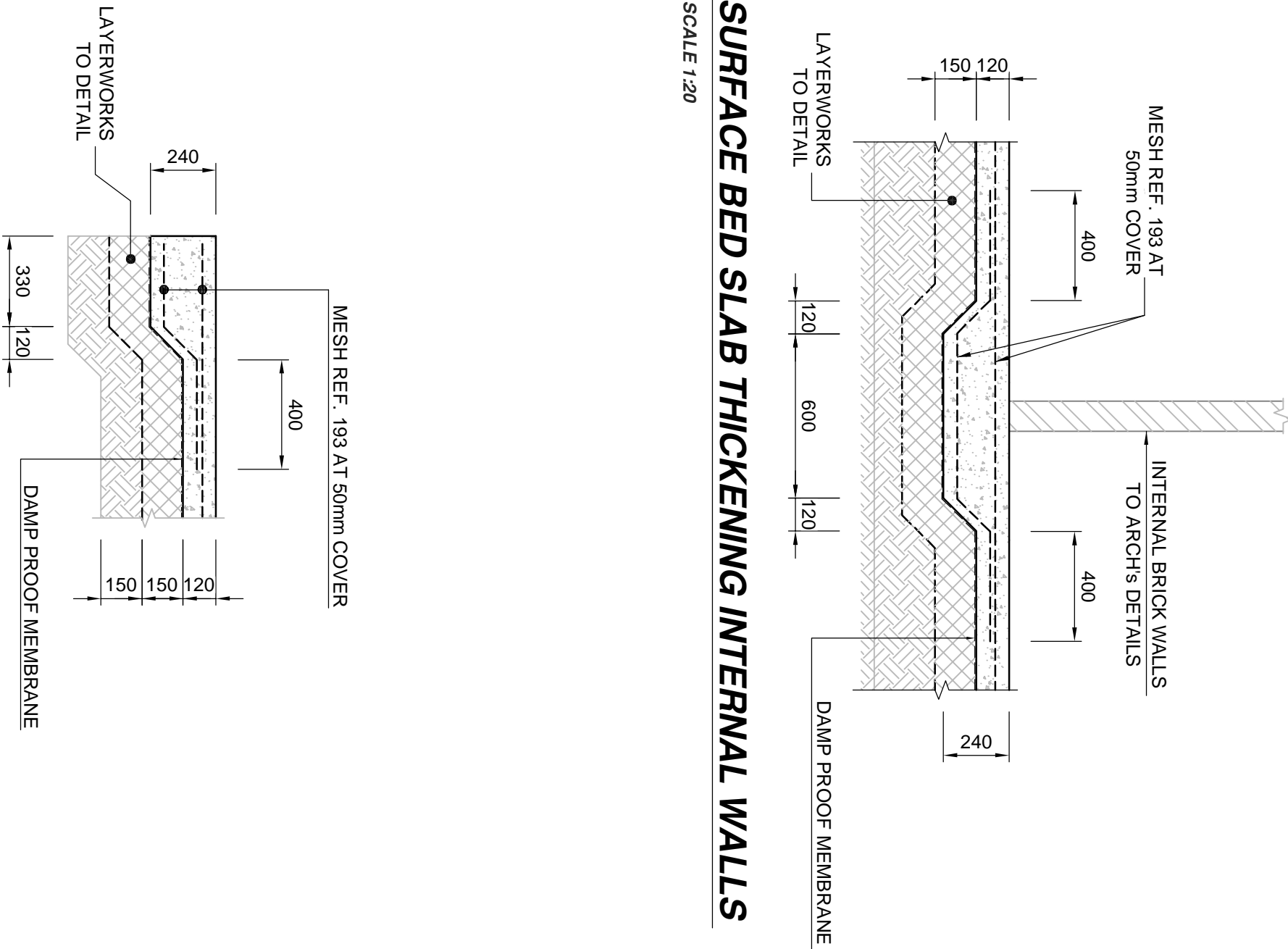
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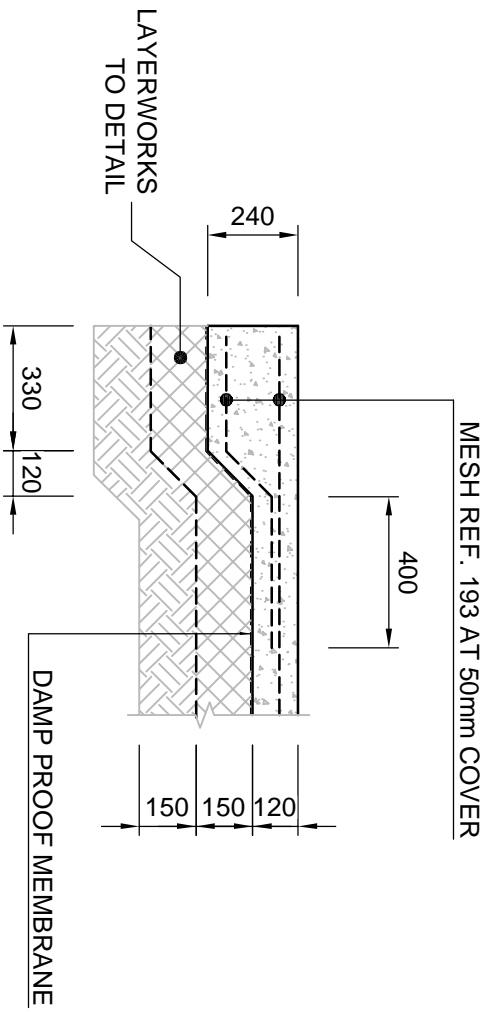
SURFACE BED SLAB THICKENING INTERNAL WALLS

SCALE 1:20



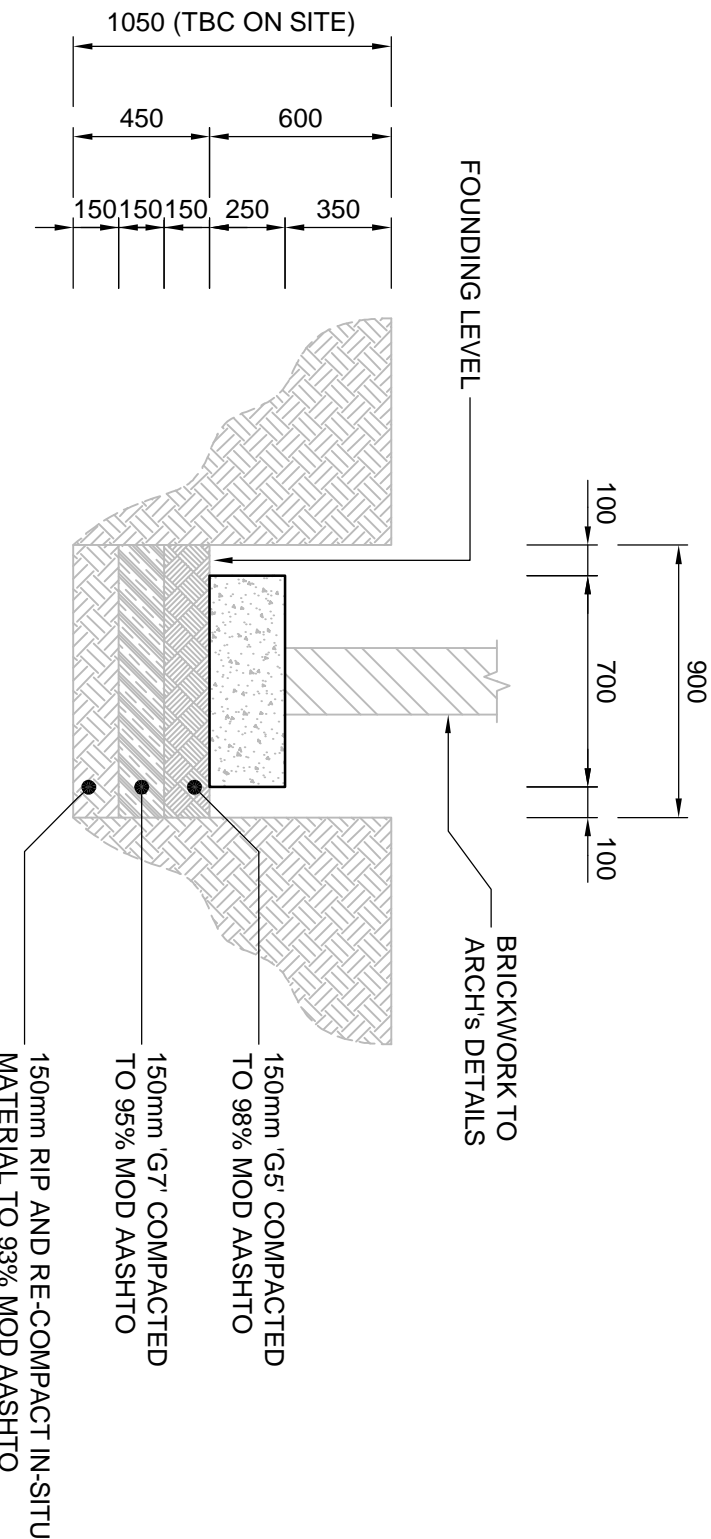
SURFACE BED EDGE THICKENING WALKWAY

SCALE 1:20



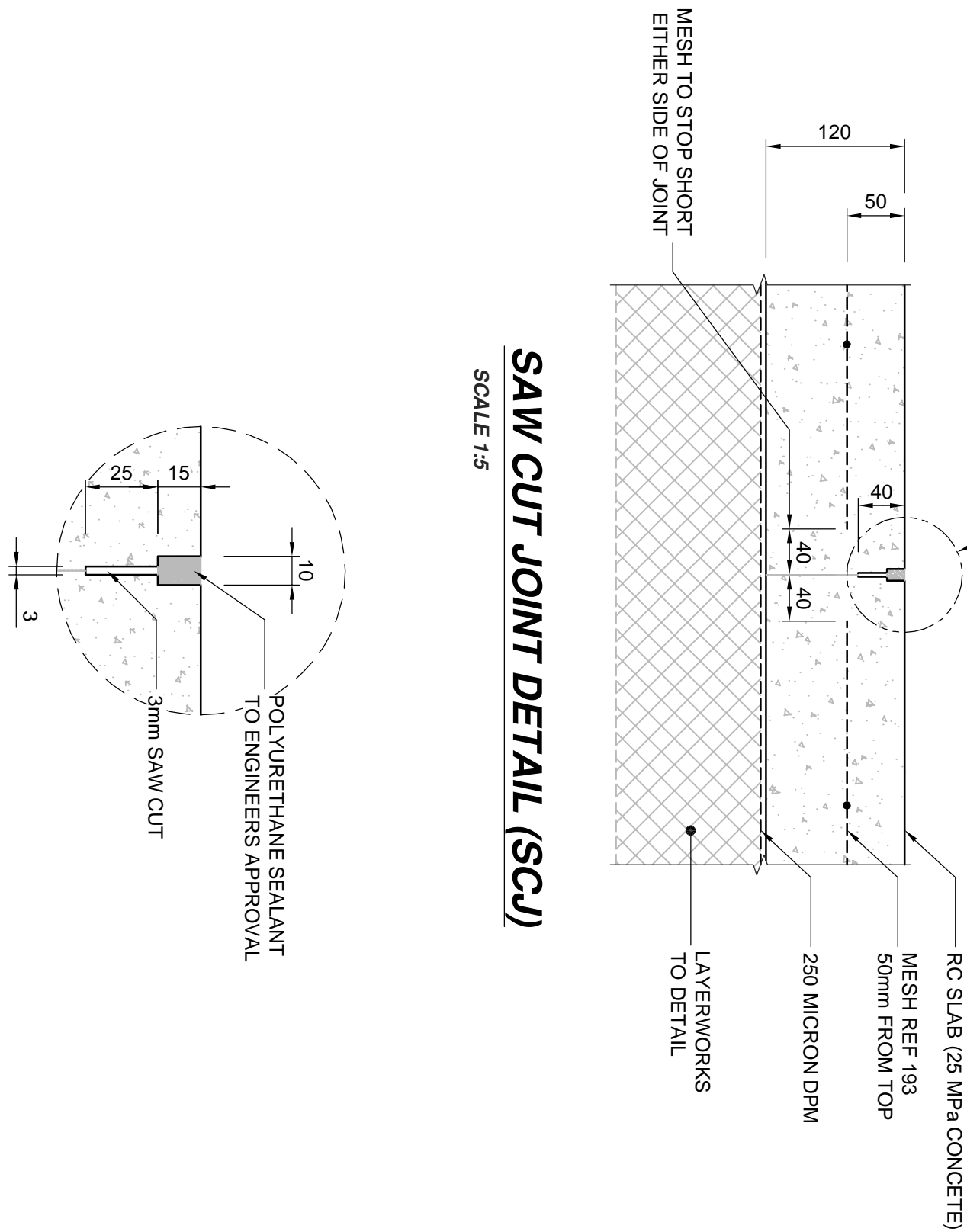
FOUNDATION LAYERWORKS 1

SCALE 1:25



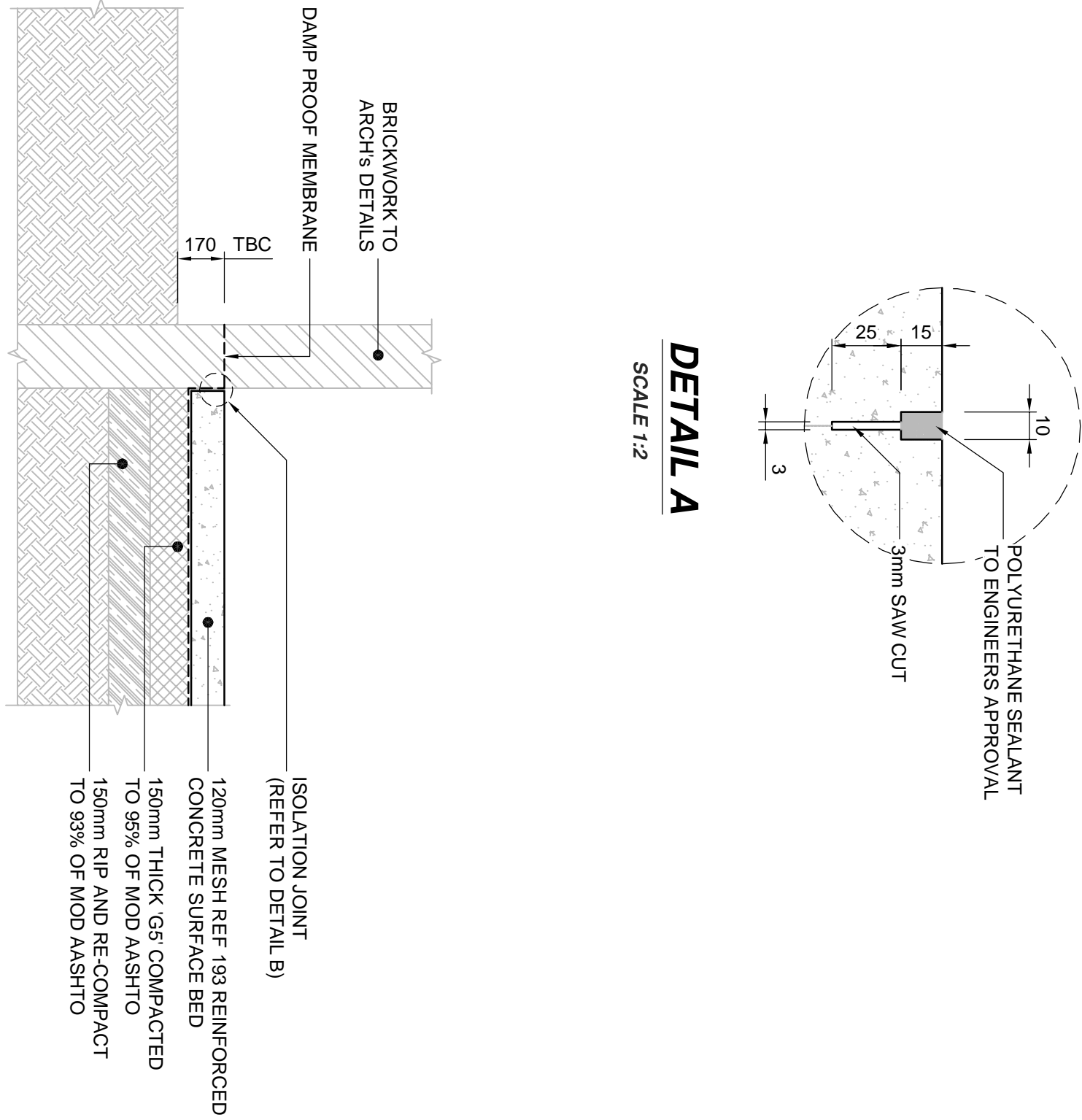
SAW CUT JOINT DETAIL (SCJ)

SCALE 1:5



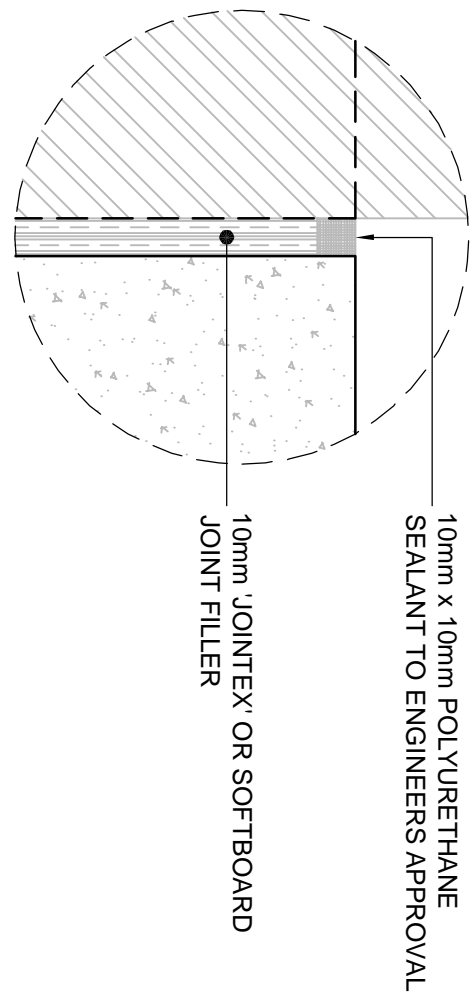
DETAIL A

SCALE 1:2



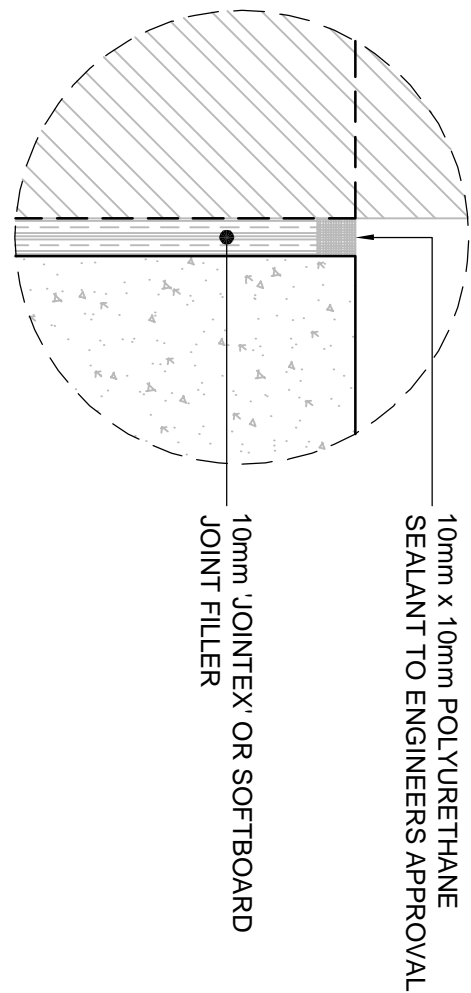
TYPICAL ISOLATION JOINT DETAIL (IJ)

SCALE 1:20



DETAIL B

SCALE 1:2



840 mm V-DRAIN DETAIL

SCALE 1:10

