

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.
- 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 CONSTRUCTED BY THE ENGINEER.
- 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.
- ALL WELDED JOINTS TO BE 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 ANSIA/WS 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.

| REV | DATE | DRAWN | CHECKED | DESCRIPTION |
|-----|------------|-------|---------|------------------------|
| 00 | 2022-11-27 | MG | KT | ISSUED FOR INFORMATION |
| | | | | |
| | | | | |



PROJECT
DBSA SCHOOLS R3
POPANO SECONDARY SCHOOL
FREE STATE

DRAWING

FOUNDATION AND SURFACE BED DETAILS
SHEET 1 OF 1

| | RESPONSIBLE PERSON | DATE |
|----------------|-------------------------------------|--------------------|
| DESIGNED | MG | 2022-11-24 |
| DRAWN | MG | 2022-11-24 |
| CHECKED | KT | 2022-11-27 |
| APPROVED | MANI GOVENDER (PR. ENG. - 20060241) | 2022-11-27 |
| SCALE | AS SHOWN | SHEET SIZE A1 |
| PROJECT NUMBER | DRAWING NUMBER | STATUS REVISION |

SAB1777-PSS-196-P-00

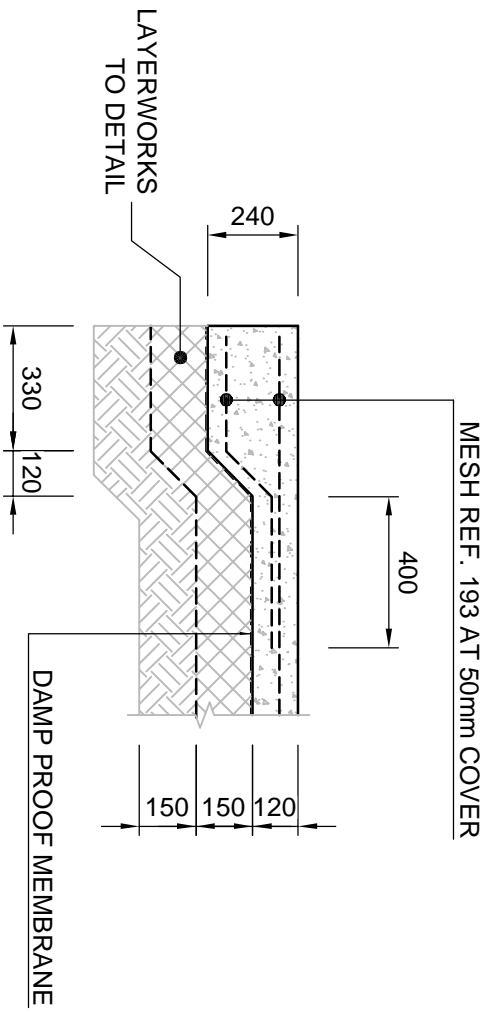
DRAWING STATUS CODES :

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

COPYRIGHT RESERVED

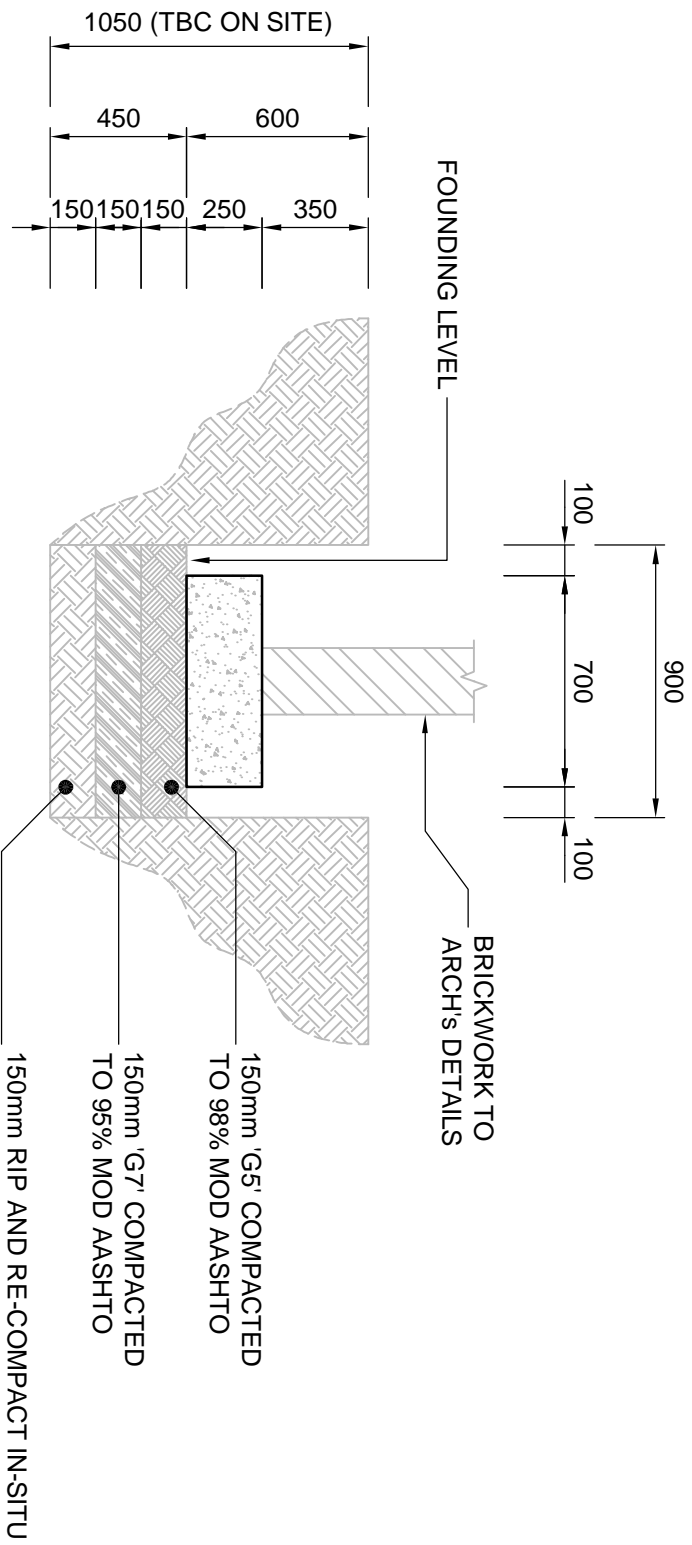
NOTES:

- 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.
- 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 CONSTRUCTED BY THE ENGINEER.
- 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.
- ALL WELDED JOINTS TO BE 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 ANSIA/WS 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.



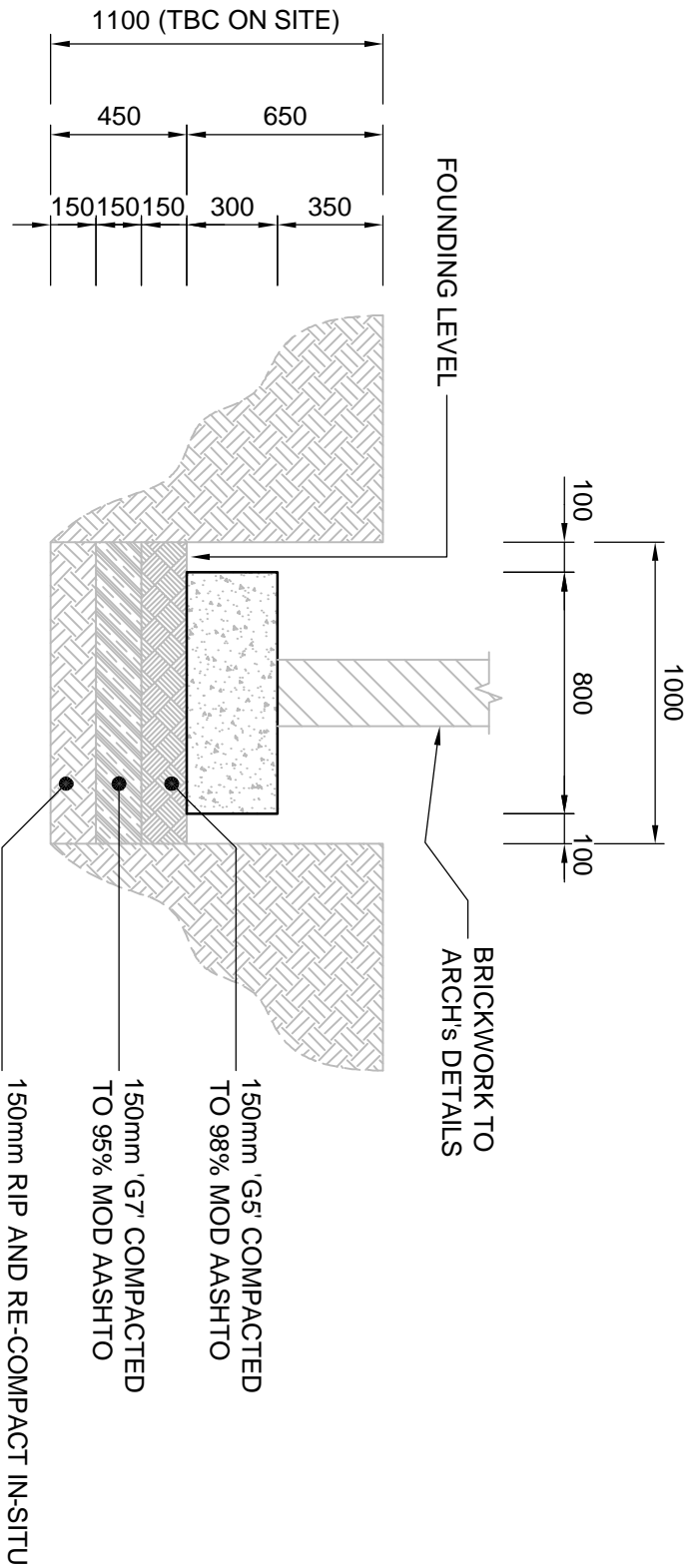
SURFACE BED EDGE THICKENING WALKWAY

SCALE 1:20



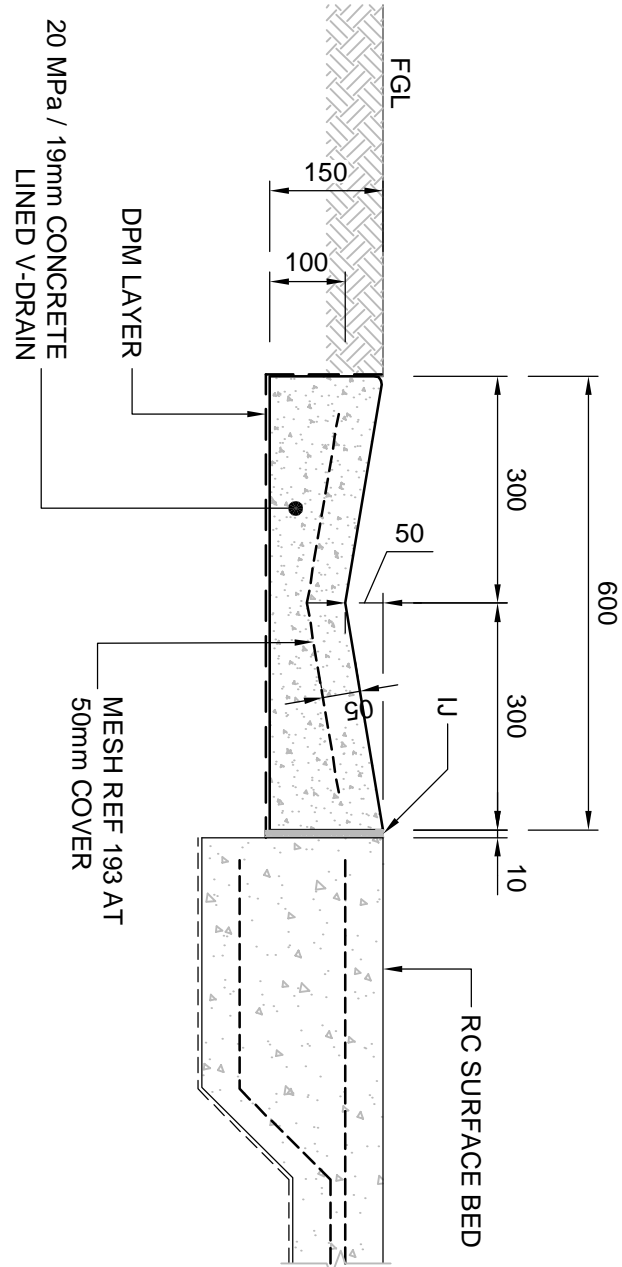
FOUNDATION LAYERWORKS 1

SCALE 1:25



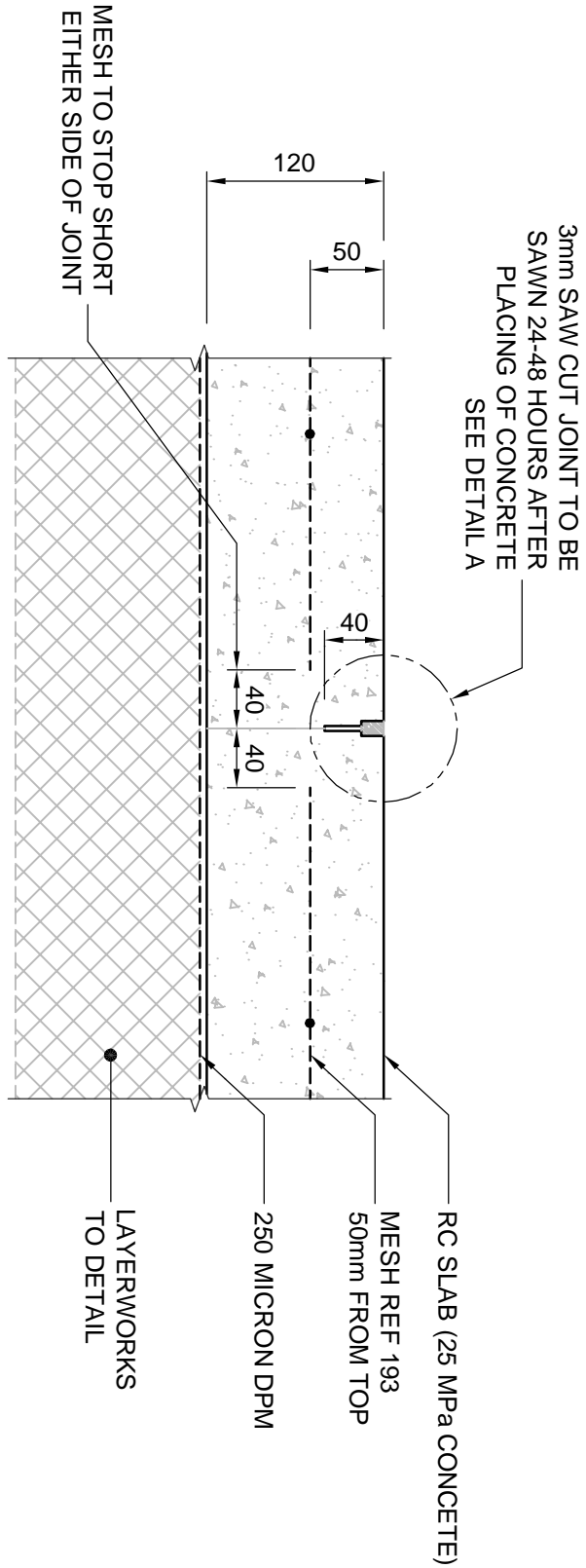
FOUNDATION LAYERWORKS 2

SCALE 1:25



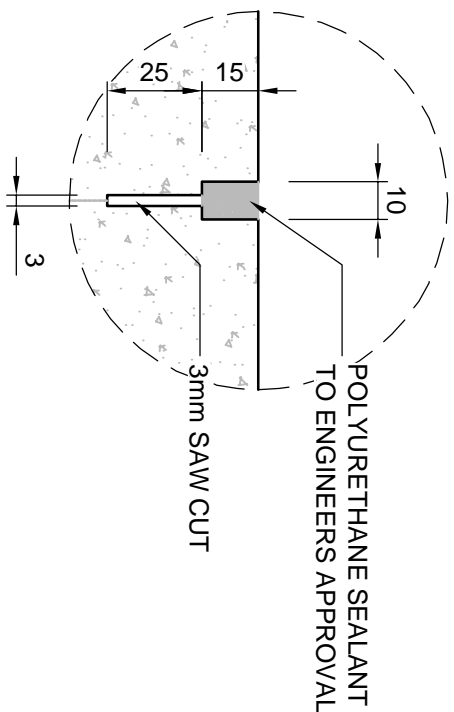
600 mm V-DRAIN DETAIL

SCALE 1:10



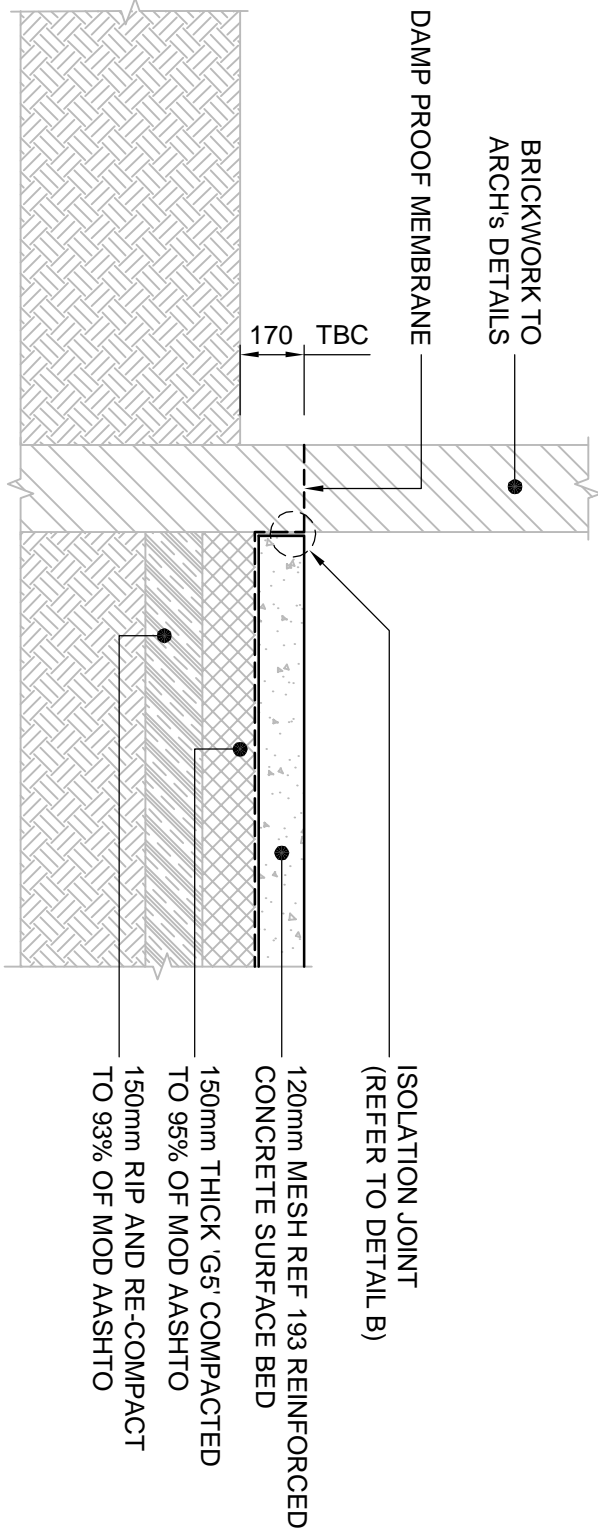
SAW CUT JOINT DETAIL (SCJ)

SCALE 1:5



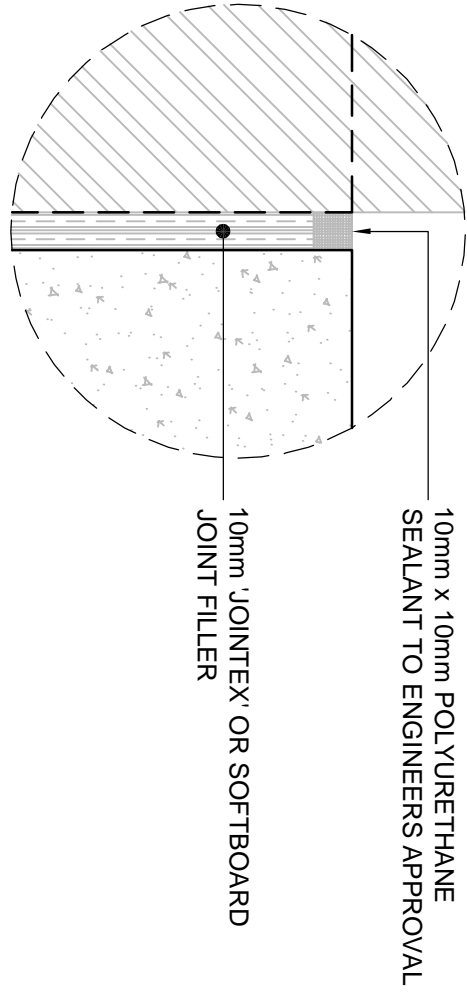
DETAIL A

SCALE 1:2



TYPICAL ISOLATION JOINT DETAIL (IJ)

SCALE 1:20



DETAIL B

SCALE 1:2