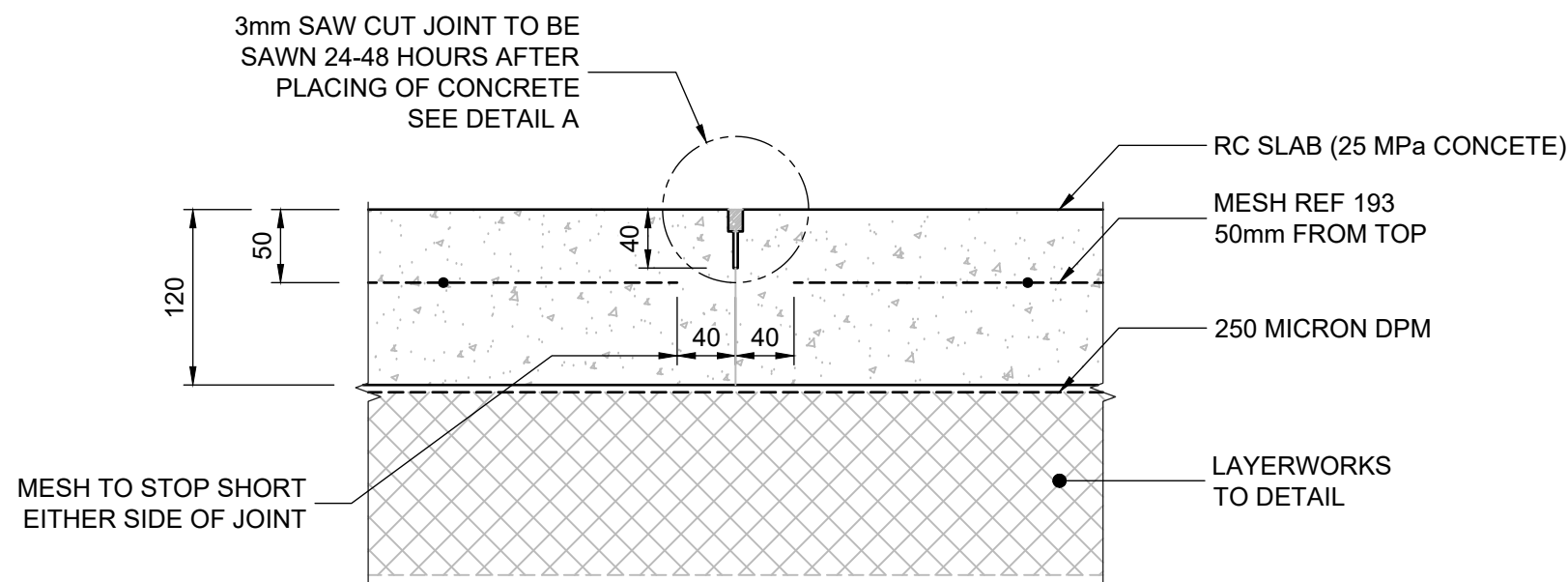
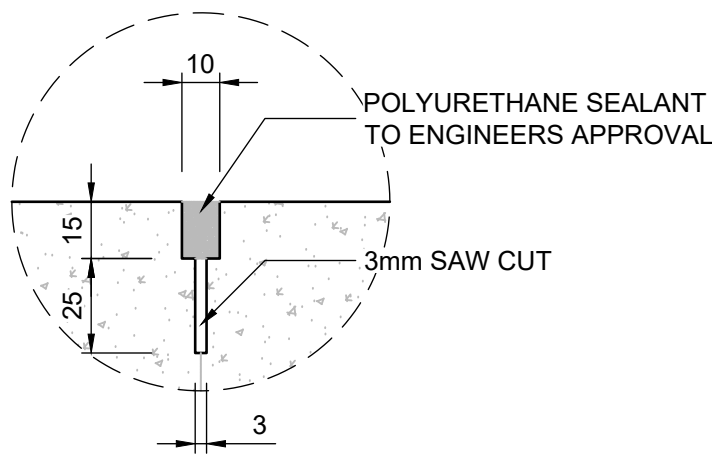
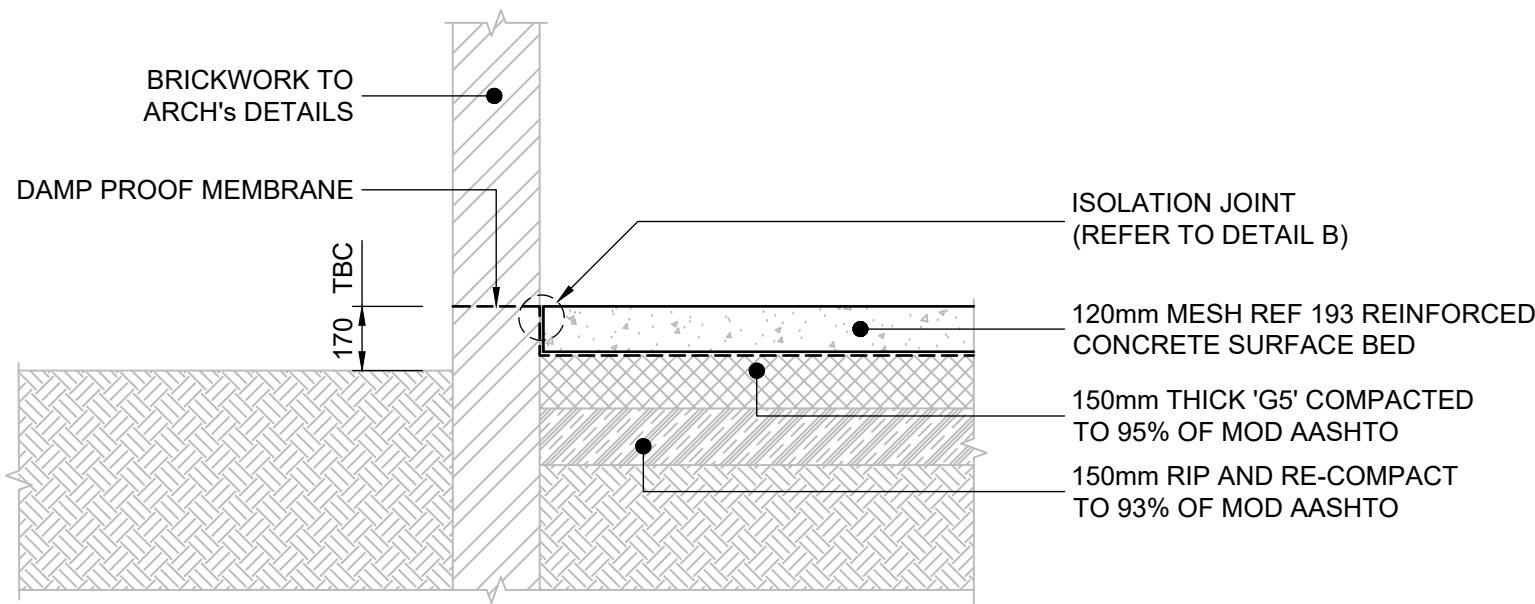




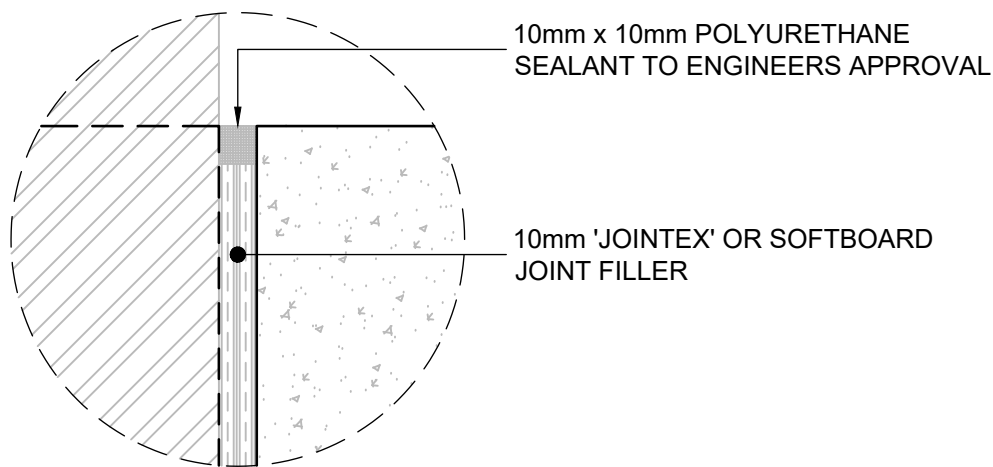
SAW CUT JOINT DETAIL (SCJ)
SCALE 1:5



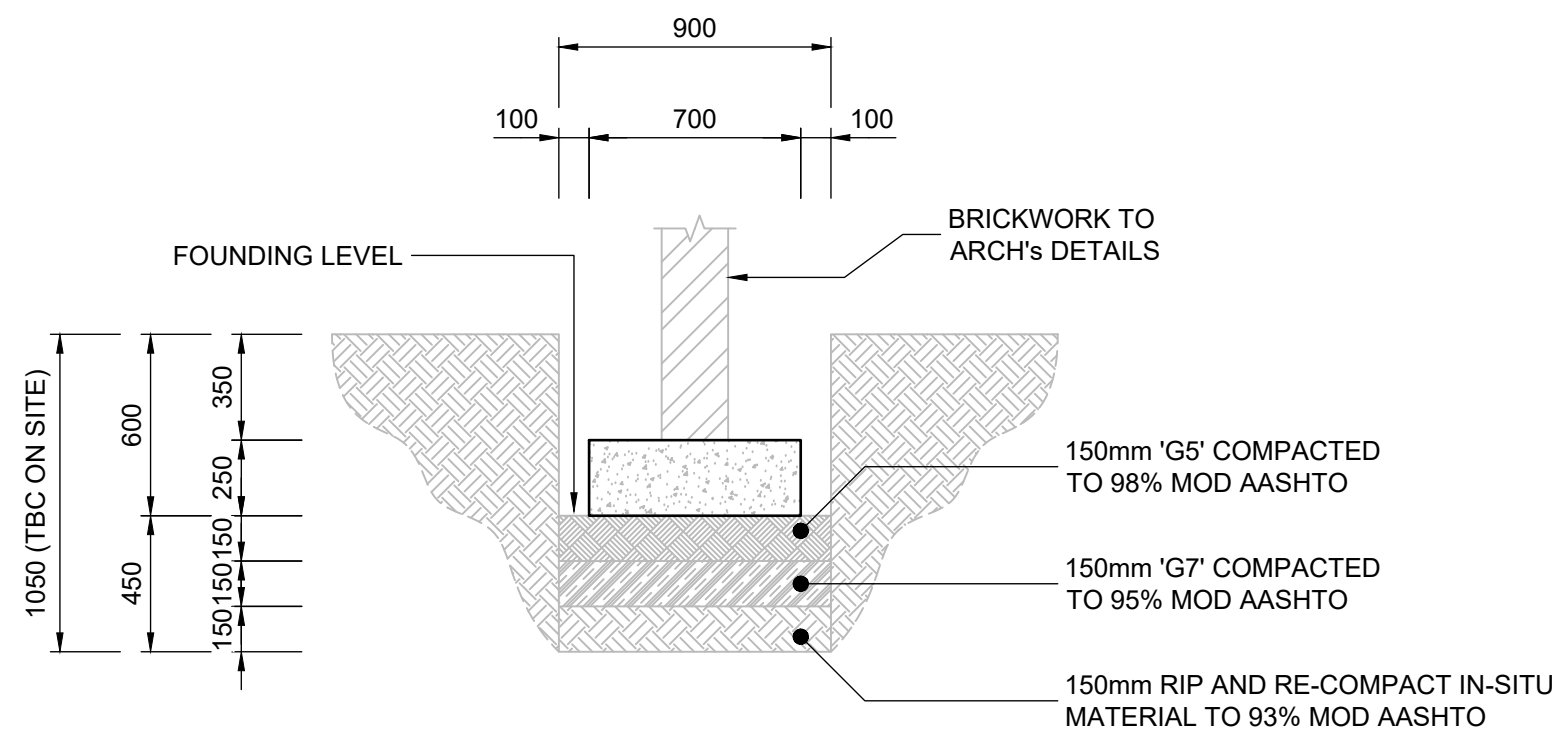
DETAIL A
SCALE 1:2



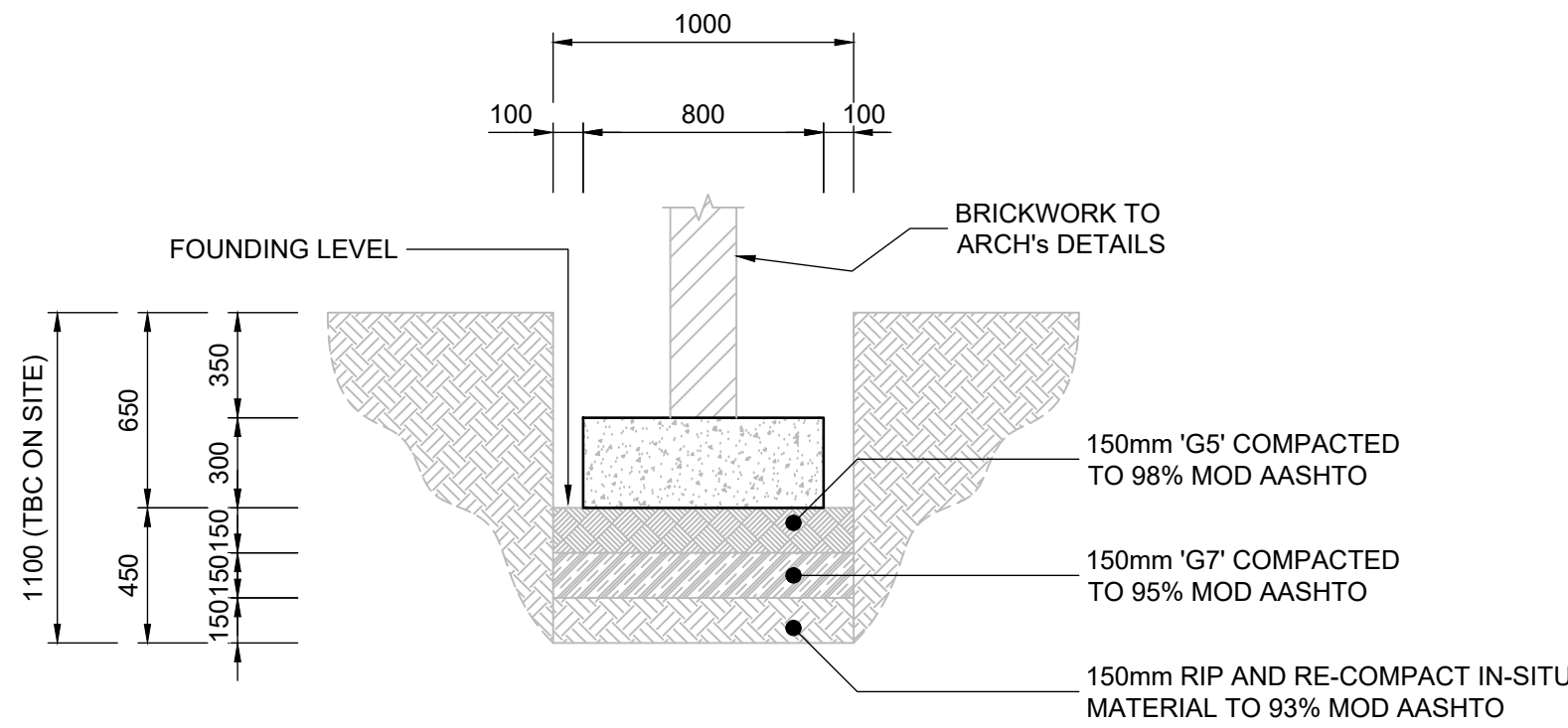
TYPICAL ISOLATION JOINT DETAIL (IJ)
SCALE 1:20



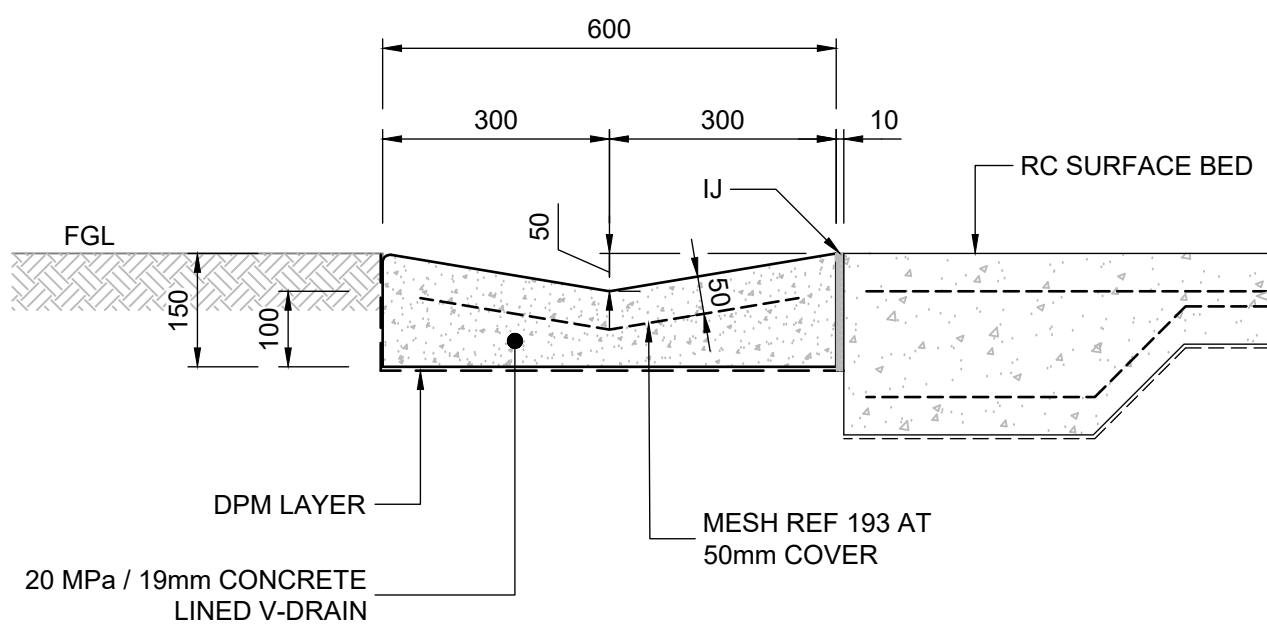
DETAIL B
SCALE 1:2



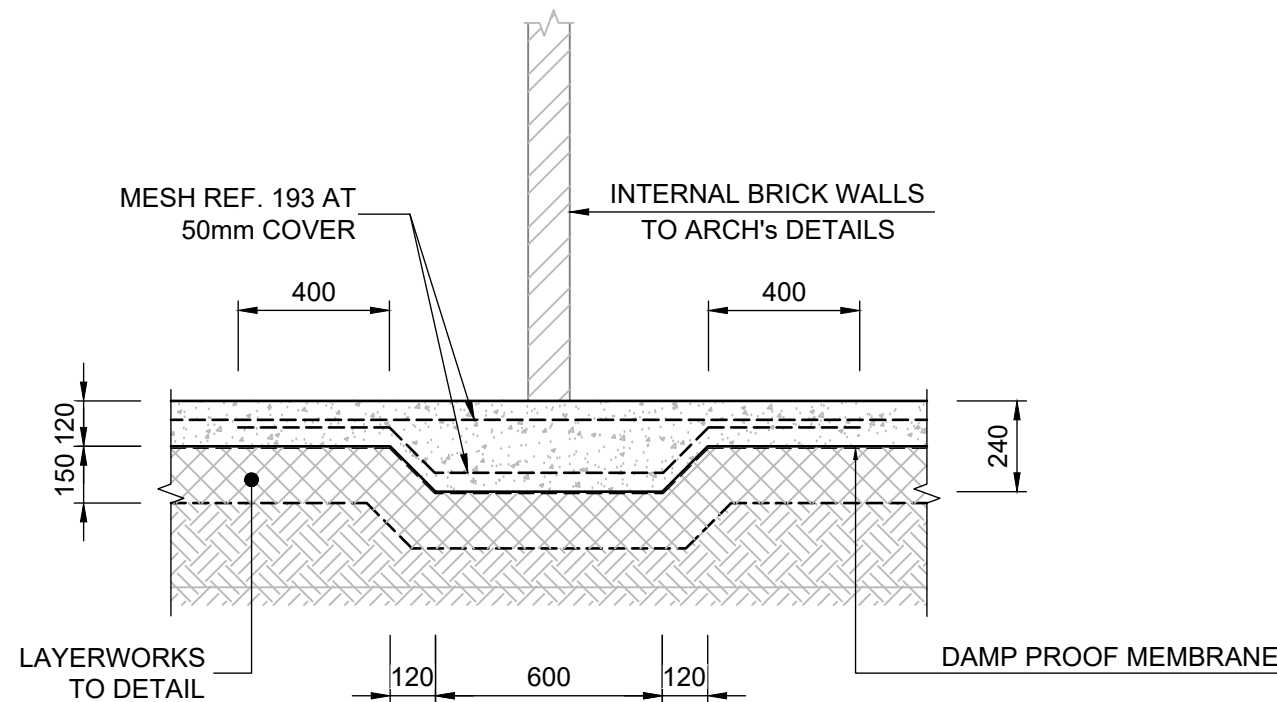
FOUNDATION LAYERWORKS
SCALE 1:25



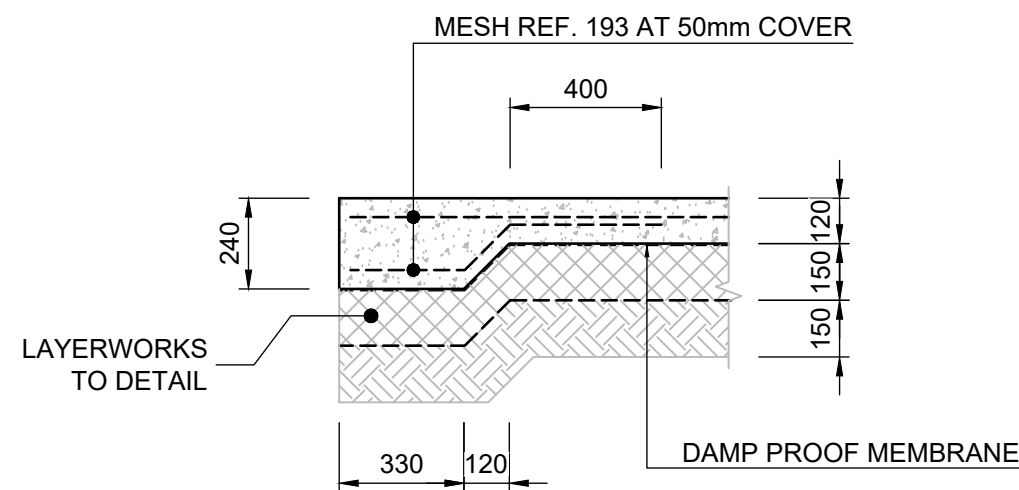
FOUNDATION LAYERWORKS 2
SCALE 1:25



600 mm V-DRAIN DETAIL
SCALE 1:10



SURFACE BED SLAB THICKENING INTERNAL WALLS
SCALE 1:20



SURFACE BED EDGE THICKENING WALKWAY
SCALE 1:20

NOTES:

- 120mm THICK SURFACE BED
- 250 MICRON DAMP PROOF MEMBRANE BELOW SURFACE BED
- MESH REF. 193 AT 50mm COVER
- THICKENED SURFACE BEDS ON ALL INTERNAL WALLS WITHOUT FOUNDATIONS
- THICKENED SURFACE BED EDGE FOR WALKWAYS COLUMNS
- 150mm THICK G5 MATERIAL COMPACTED TO 95% MOD. AASHTO
- RIP AND RE-COMPACT 150mm IN-SITU MATERIAL TO 93% MOD. AASHTO

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 TO 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.
- 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 BLINDING 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:
 - 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
 - SLABS : 30 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-CS1 & 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 FS
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 - 20080241]	2022-11-27
SCALE	AS SHOWN	SHEET SIZE A1

PROJECT NUMBER DRAWING NUMBER STATUS REVISION

SAB1777-PSS-196-P-02

DRAWING STATUS CODES :

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

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