

- NOTES:**

1. 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.
2. REFERENCE TO ARCHITECTS' LAYOUTS FOR SETTING OUT AND DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION AND DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
3. ONLY WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
4. 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.
5. THE ENGINEER SHALL BE NOTIFIED WITHOUT DELAY SHOULD THERE BE ANY DISCREPANCIES BETWEEN FOUNDATIONS, DETAILS AND SPECIFICATIONS.
6. FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL/GEOTECHNICAL ENGINEER PRIOR TO CASTING CONCRETE.
7. REINFORCING TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING CONCRETE.
8. ALL DUCTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
9. POSITION OF CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.
10. CONCRETE STRENGTHS @ 28 DAYS:
 - 11. BLINDING : 15 MPa
 - 12. FOLDATIONS : 25 MPa
 - 13. COLUMNS : 30 MPa
 - 14. SURFACE BEDS : 25 MPa
 - 15. ROOF SLABS : 30 MPa
 - 16. BEAMS : 30 MPa
17. COVER TO STEEL REINFORCEMENT U.O.N.
 - 18. FOLDATIONS : 50 mm
 - 19. BEAMS : 30 mm
 - 20. COLUMNS : 30 mm
21. ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
22. 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.
23. ALL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH SANS 2001-C51 & SANS 1927-13.
24. ALL STEELWORK TO BE SANS 50025-S355JR UNLESS OTHERWISE NOTED.
25. A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE PROCEEDING WITH THE WORK.
26. ALL WELDS TO BE MINIMUM 6mm CONTINUOUS FILLET WELD UNLESS OTHERWISE NOTED AND IN STRICT ACCORDANCE WITH SANS AND ANSI/ANS STANDARDS.
27. ALL BOLTS SHALL BE GRADE 8.8 UNLESS OTHERWISE NOTED.
28. ALL STEELWORK TO BE HOT DIPPED GALVANISED TO SANS 2200-HC AND SANS 121 UNLESS OTHERWISE NOTED.

REV	DATE	DRAWN	CHECKED	DESCRIPTION
00	2023-02-18	MG	KT	ISSUED FOR INFORMATION



DBSA SCHOOLS FS
THABONG PRIMARY SCHOOL
FREE STATE

DRAWIN

TYPICAL DETAILS (SHEET 1)

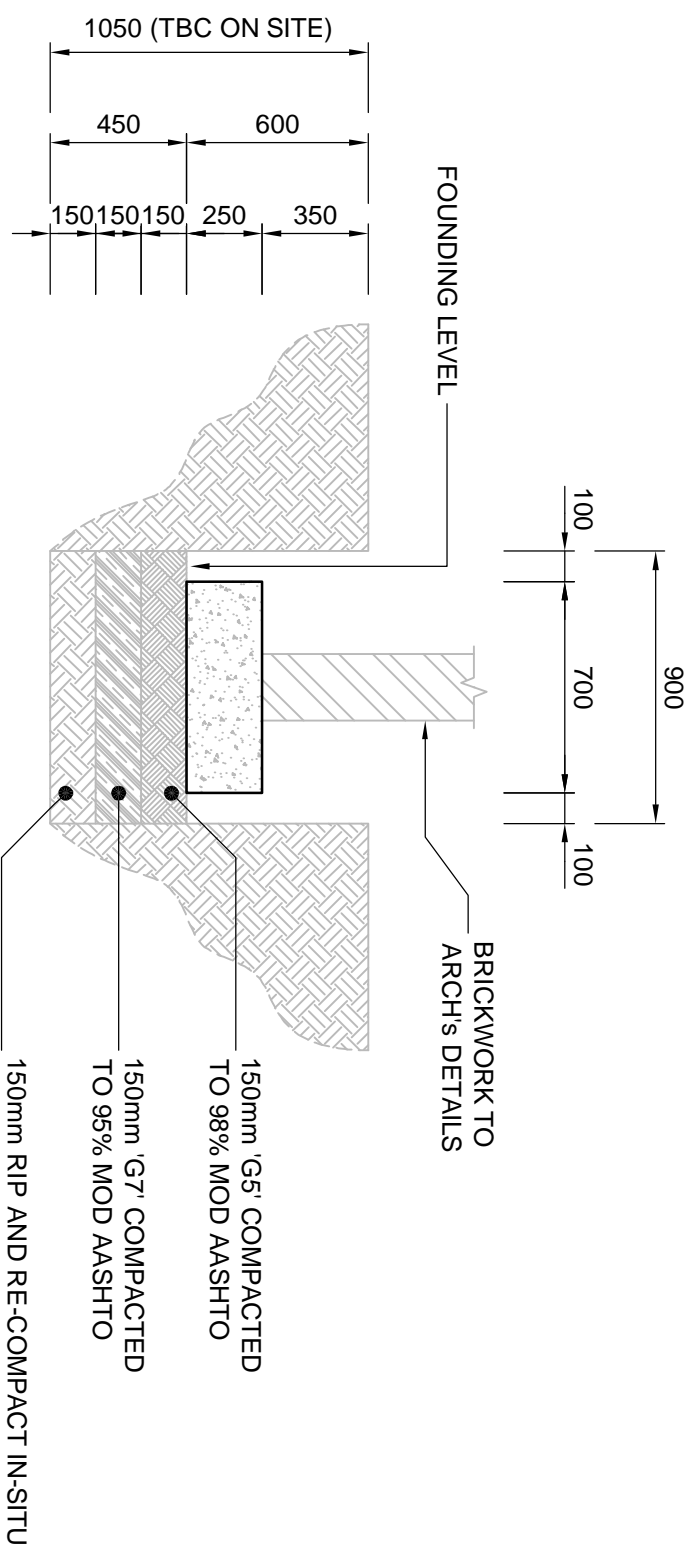
RESPONSIBLE PERSON		DATE
DESIGNED	MG	2023-02-17
DRAWN	MG	2023-02-17
CHECKED	KT	2023-02-18
APPROVED	MANI GOUDENDER (PR. ENG. -200826241)	2023-02-18
SCALE	AS SHOWN	SHEET SIZE A1
PROJECT NUMBER	DRAWING NUMBER	STATUS REVISION

DRAWING STATUS CODES:

SAB1777-TPS-195-P-00

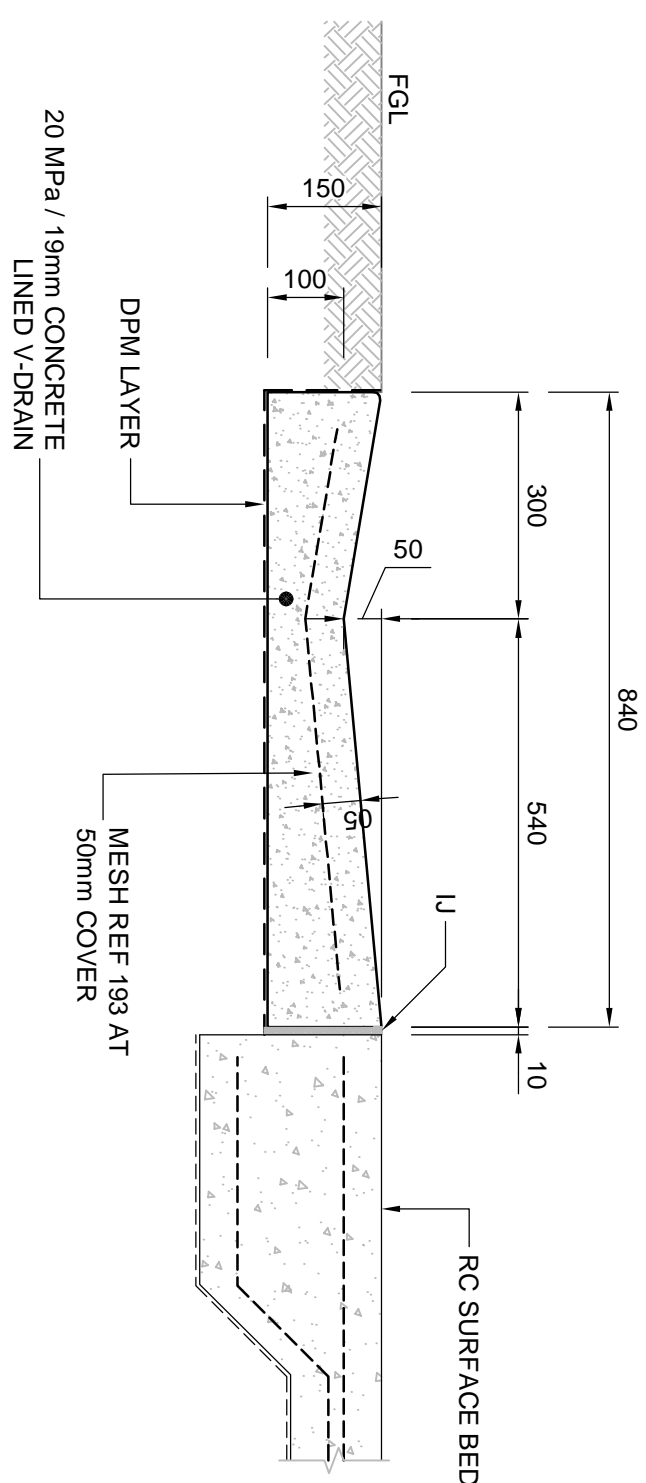
K = KILL ON
D = DRAFT
P = PRELIMINARY
A = AS BUILT

COPYRIGHT RESERVED



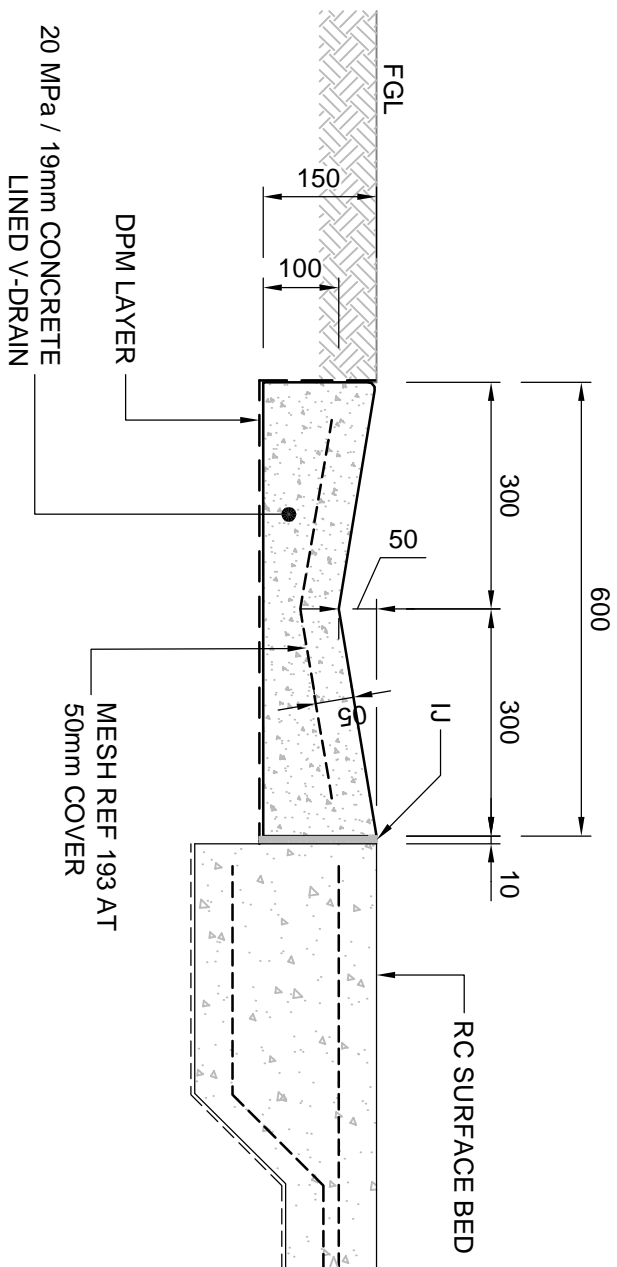
FOUNDATION LAYERWORKS 1

SCALE 1:25



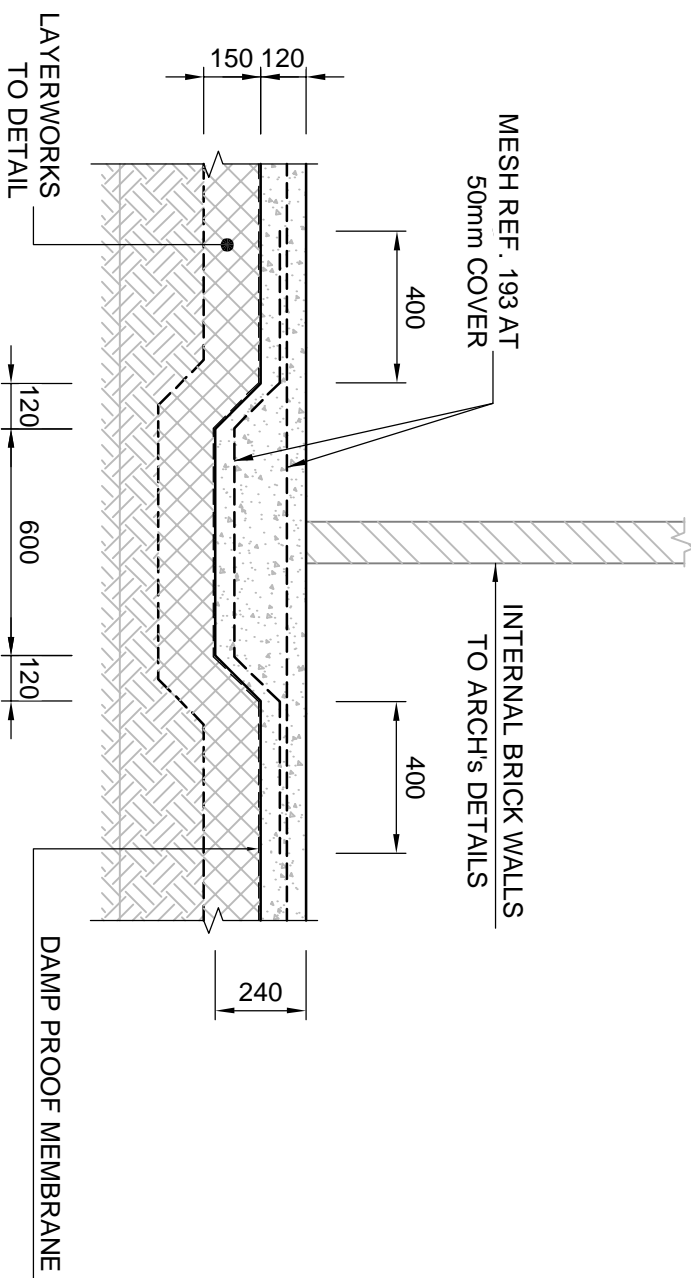
840 mm V-DRAIN DETAIL

SCALE 1:10



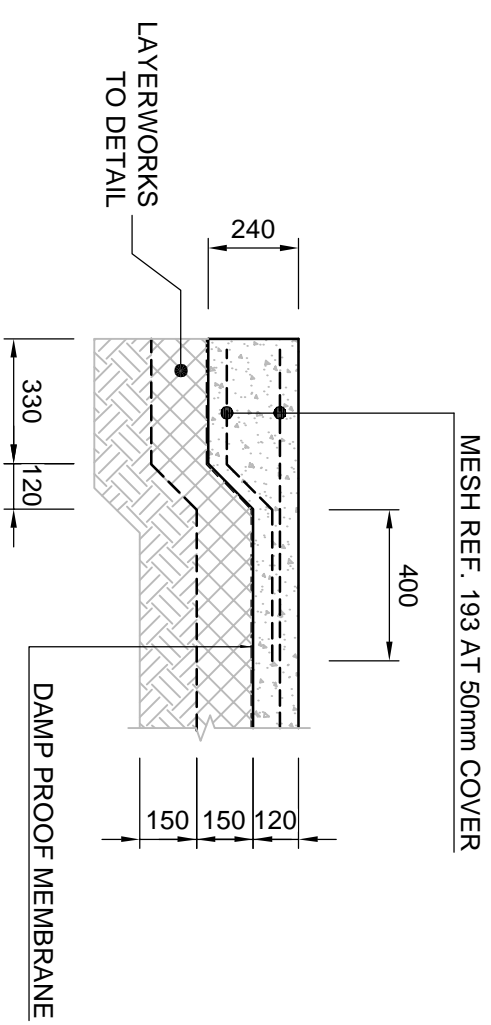
600 mm V-DRAIN DETAIL

SCALE 1:10



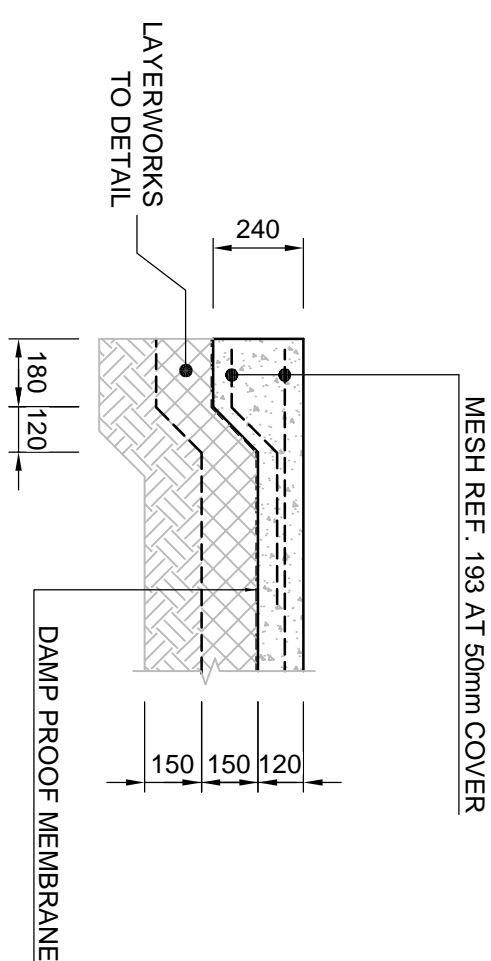
SURFACE BED SLAB THICKENING INTERNAL WALLS

SCALE 1:20



SURFACE BED EDGE THICKENING WALKWAY

SCALE 1:20



SURFACE BED EDGE THICKENING RAMP

SCALE 1:20

- 120mm THICK SURFACE BED
- 250 MICRON DAMP PROOF MEMBRANE BELOW SURFACE BED
- MESH REEF- 193 AT 50mm COVER
- THICKENED SURFACE BEDS ON ALL INTERNAL WALLS WITHOUT FOUNDATIONS
- THICKENED SURFACE BED EDGE FOR WALWALA'S COLUMNS
- 150mm THICK G3 MATERIAL COMPACTED TO 95% MOD. ASHTO R1P AND RE-COMPACT 150mm INSTITUTE MATERIAL TO 93% MOD. ASHTO

	RESPONSIBLE PERSON	DATE
DESIGNED	MG	2023-02-17
DRAWN	MG	2023-02-17
CHECKED	KT	2023-02-18
APPROVED	MANI GOVENDER (PA ENG - 20080241)	2023-02-18
SCALE	AS SHOWN	SHEET SIZE A1
PROJECT NUMBER	DRAWING NUMBER	STATUS
<div>SAB1777-TFS-195-P-00</div>		
DRAWING STATUS CODES:		
R = REWORK	T = TENDER	C = CONSTRUCTION
D = DRAFT	P = PRELIMINARY	A = AS BUILT
COPYRIGHT RESERVED		