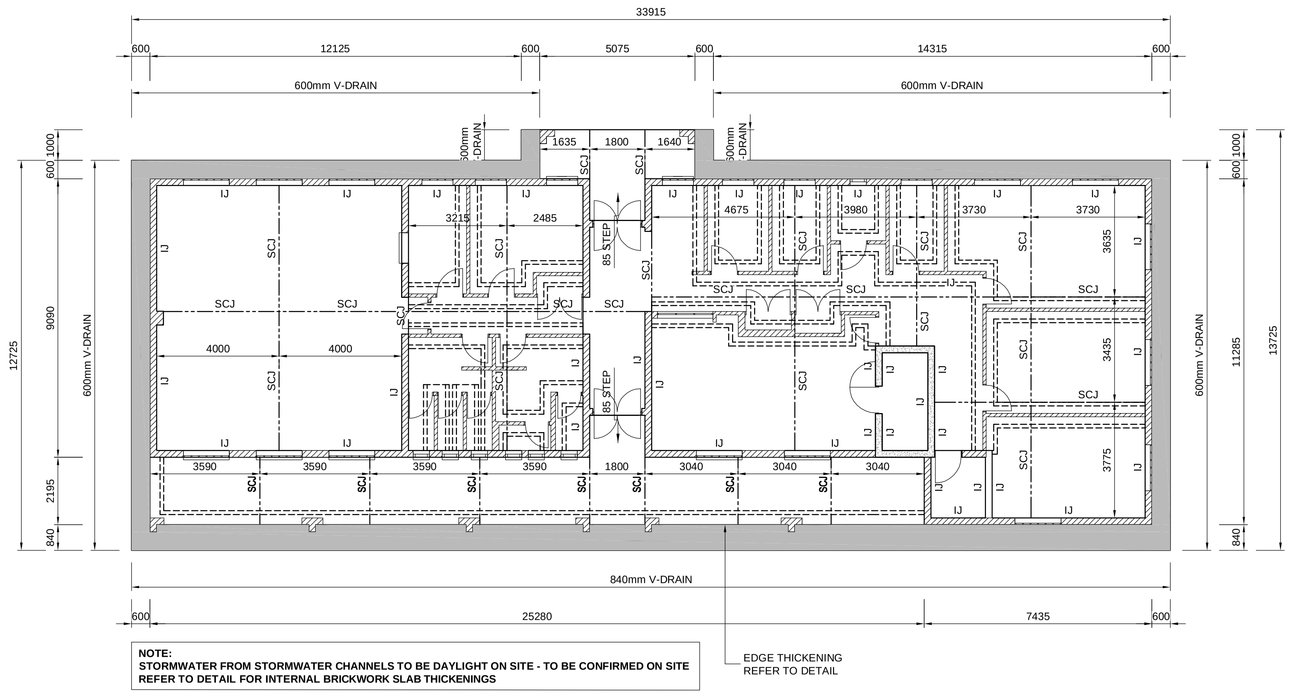
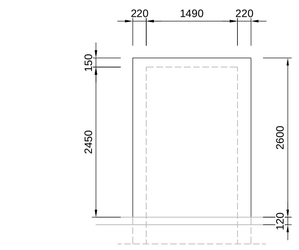


NOTE:
STORMWATER FROM STORMWATER CHANNELS TO BE DAYLIGHT ON SITE - TO BE CONFIRMED ON SITE
REFER TO DETAIL FOR INTERNAL BRICKWORK SLAB THICKENINGS

EDGE THICKENING
REFER TO DETAIL

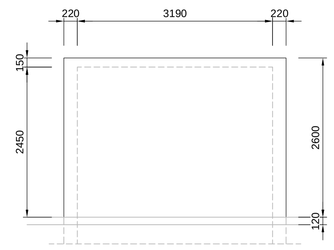
ADMINISTRATION BLOCK: SURFACE BED LAYOUT

SCALE 1:100



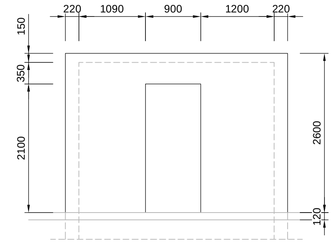
STRONG ROOM W1 RC ELEVATION

SCALE 1:50



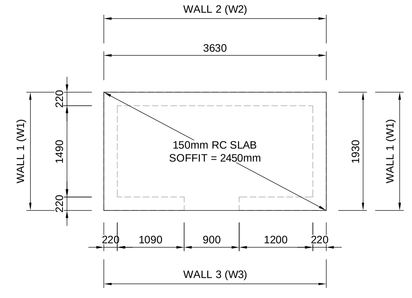
STRONG ROOM W2 RC ELEVATION

SCALE 1:50



STRONG ROOM W3 RC ELEVATION

SCALE 1:50



STRONG ROOM RC SLAB LAYOUT

SCALE 1:50

THIS DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTS LAYOUTS.
REFER TO DRAWING NUMBER SAB1777-PSS-196 FOR DETAILS.

NOTES:

1. ALL WORK IN ACCORDANCE WITH THE RELEVANT SECTIONS OF SANS 1200 AND AS REQUIRED BY THE LOCAL AUTHORITIES OR STATUTORY BODIES.
2. WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARD SPECIFICATIONS, THE CURRENT EDITION SHALL BE USED.
3. REFER TO ARCHITECTS LAYOUTS FOR SETTING OUT INFORMATION.
4. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. ONLY WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS FROM THE RELEVANT DISCIPLINES, ARCHITECT, CIVIL, ELECTRICAL AND MECHANICAL.
7. THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST 24 HOURS ADVANCE NOTICE FOR INSPECTIONS.
8. THE ENGINEER SHALL BE NOTIFIED WITHOUT DELAY SHOULD THERE BE ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS AND SPECIFICATIONS.
9. FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL / GEOTECHNICAL ENGINEER BEFORE ANY BLINDING IS CAST.
10. REINFORCING TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING CONCRETE.
11. ALL DUCTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
12. POSITION OF CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.
13. CONCRETE STRENGTHS @ 28 DAYS:

BLINDING	:	15 MPa
FOUNDATIONS	:	25 MPa
COLUMNS	:	30 MPa
SURFACE BEDS	:	25 MPa
ROOF SLABS	:	30 MPa
BEAMS	:	30 MPa

14. COVER TO STEEL REINFORCEMENT: U.O.N.

FOUNDATIONS	:	50 mm
SLABS	:	30 mm
BEAMS	:	30 mm
COLUMNS	:	30 mm

15. ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
16. ALL WATERPROOFING TO ARCHITECTS DETAIL.
17. 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).
18. ALL STEELWORK TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH 'SANS 2001-CS1 & SANS 1921-3'.
19. ALL STEELWORK TO BE '316 STAINLESS STEEL' UNLESS OTHERWISE NOTED.
20. A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
21. ALL WELDS TO BE CONTINUOUS FILLET WELDS UNLESS OTHERWISE NOTED AND IN STRICT ACCORDANCE WITH SANS AND ANSI/AWS STANDARDS.

REV	DATE	DRAWN	CHECKED	DESCRIPTION
00	2023-07-17	MG	KT	ISSUED FOR INFORMATION

PROJECT

DBSA SCHOOLS FS
POPANO SECONDARY SCHOOL
FREE STATE

DRAWING

ADMINISTRATION BLOCK
SURFACE BED RC LAYOUT & STRONG ROOM DETAILS

	RESPONSIBLE PERSON	DATE
DESIGNED	MG	2023-07-11
DRAWN	MG	2023-07-11
CHECKED	KT	2023-07-17
APPROVED	MANI GOVENDER [PR ENG - 20080241]	2023-07-17
SCALE	AS SHOWN	SHEET SIZE: A0

PROJECT NUMBER	DRAWING NUMBER	STATUS	REVISION
SAB1777	PSS-198-P	00	

DRAWING STATUS CODES :

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

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