



DOUBLE STOREY CLASSROOM BLOCK: SURFACE BED LAYOUT

SCALE 1:100

- ## NOTES

1. ALL WORK IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITIES SPECIFICATIONS TO THE SOUTH AFRICAN STANDARD SPECIFICATION FOR THE CURRENT EDITION SHALL BE USED.
2. WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARD SPECIFICATION FOR THE CURRENT EDITION SHALL BE USED.
3. REFER TO ARCHITECT'S LAYOUTS FOR SETTING OUT INFORMATION.
4. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
5. ONLY A WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
6. THIS PLANNING TO BE DONE IN CONJUNCTION WITH DRAWINGS FROM THE RELEVANT DISCIPLINES, ARCHITECT, CIVIL, ELECTRICAL AND MECHANICAL. THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST 72 HOURS ADVANCE NOTICE FOR INSPECTIONS.
7. THE ENGINEER SHALL BE NOTIFIED WITHOUT DELAY OF ANY DISCREPANCIES OR DISCREPANCIES IN THE DRAWINGS, DETAILS AND SPECIFICATIONS.
8. FOUNDATION EXCAVATIONS ARE TO BE INSPECTED AND APPROVED BY THE STRUCTURAL, GEOTECHNICAL ENGINEER BEFORE ANY BLINDING IS CAST.
9. REINFORCING TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING CONCRETE.
10. ALL JOINTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
11. ALL JOINTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
12. POSITION OF CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.
13. CONCRETE STRENGTHS 8 DAYS:

BLINDING	15 MPa
FOUNDATIONS	20 MPa
COLUMNS	30 MPa
SURFACE BEDS	20 MPa
BEAMS	30 MPa
SLABS	20 MPa
14. COVER TO REINFORCEMENT: 100 mm
15. FOUNDATIONS:

SLABS	50 mm
BEAMS	30 mm
COLUMNS	30 mm
16. ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
17. ALL WATERPROOFING TO ARCHITECT'S DETAIL.
18. SURFACES ARE TO BE FINISHED AS SMOOTH AS POSSIBLE TO PROVIDE A FINISH TO BE FORM OR DAMAGED BY THE CUTTING BLADE USUALLY BETWEEN 2 TO 48 HOURS AFTER CASTING.
19. ALL TIEWELDS ARE TO BE FABRICATED AND CHECKED IN ACCORDANCE WITH SANS 2001-5 & SANS 10162.
20. ALL TIEWELDS ARE TO BE SANS 2001-5:SS1808 UNLESS OTHERWISE NOTED.
21. A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
22. ALL WELDS TO BE MINIMUM 6mm JOINTED AND FILLET WELDS UNLESS OTHERWISE NOTED IN THE STANDARDS.
23. ALL JOINTS SHALL BE GRADE 135 UNLESS OTHERWISE NOTED.
24. ALL TIEWELDS TO BE NOT APPROVED UNLESS SANS 1200-CHC AND SANS 121 UNLESS OTHERWISE NOTED.

[illegible]

DBSA SCHOOLS FS
KGAUHELO PRIMARY SCHOOL
FREE STATE

DRAWING			
DOUBLE STOREY BLOCK (24 CLASSROOMS)			
SURFACECEED RC LAOUT			
	RESPONSIBLE PERSON	DATE	
DESIGNED	MO	2023-11-14	
DRAWN	MO	2023-11-14	
CHECKED	KT		
APPROVED	MAN GOVERNOR (PR. ENG. 2020041)		
SCALE	AS SHOWN	2023-11-15	
PROJECT MANAGER	MANAGEMENT	STATUS	PERSON
		SHEET SIZE	A0

SAB1777-KPS-162-P-00

**THIS DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECT
REFER TO DRAWING NUMBER SAB1777-KPS-164 FOR DETAILS.**

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

COPYRIGHT RESERVED