



- NOTES
- 1/ CONCRETE GRADE:
    - SLAB: 25 MPa
    - BEAMS: 25 MPa
    - FOUNDATIONS: 25 MPa
    - APRONS: 20 MPa
  - 2/ COVER TO REINFORCEMENT: 50mm U.O.S.
  - 3/ PROVIDE 2.8mm BRICKFORCE IN EVERY COURSE ABOVE EVERY WINDOWS AND DOORS OPENINGS.
  - 4/ PLEASE MAKESURE THAT BRICKFORCE IS DISCONTINUOUS AT ARTICULATING JOINTS
  - 5/ REFER TO SEPARATE BENDING SCHEDULE FOR REINFORCEMENT.
  - 6/ MINIMUM LAP LENGTH: 50 x BAR DIAMETER
  - 7/ ENGINEER TO INSPECT REBAR FIXING PRIOR TO CONCRETING.
  - 8/ MATERIALS TO BE SABS APPROVED OR AGREEMENT CERTIFIED
  - 9/ MEASUREMENT OR DIMENSION MUST NOT BE SCALED OFF THE DRAWING. IF THERE IS ANY DISCRAPANCY WITH ARCHITECH LAYOUT THEREFORE ARCHITECT'S DIMENSION SHOULD BE DEEMED CORRECT PLEASE REPORT SUCH DISCRAPANCY TO THE ENGINEER.



SUBURB OR LOCATION	
UMHLABUYALINGANA LOCAL MUNICIPALITY	
SERVICE	
MNTANENKOSI SECONDARY SCHOOL	
CLIENT	
THE MVULA TRUST	
DISCIPLINE	
ENGINEERING	
WORK DESCRIPTION-SUB DIVISION	
ABLUTION FACILITIES	

DRAWING DESCRIPTION

STRUCTURAL DESIGN LAYOUT AND DETAILS

FILE No.	2023 MVULA_KZN_SSAN_105	ITEM No.	
DESIGN		DRAWN	
SCALE	1:100	RP.MAMPHAGA	CHECKED

RESPONSIBLE PROFESSIONAL		
DATE	NAME	SIGNATURE
2023-09-05	RP.MAMPHAGA	



ENGINEER		
DATE	NAME	SIGNATURE
2023-09-05	RP.MAMPHAGA	

CAD	PROKON PADD	
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DRAWING NUMBER		REV
A1	2023 MVULA_KZN_SSAN_105	A
REVISION	DATE	DISCRPTION
A	2023-09-07	ISSUED FOR INFORMATION

FOUNDATION DESIGNED FOR SOIL CLASSIFICATION: C1

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