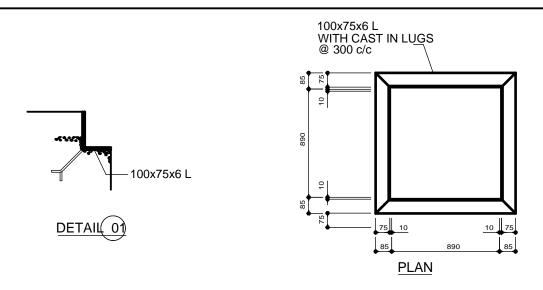
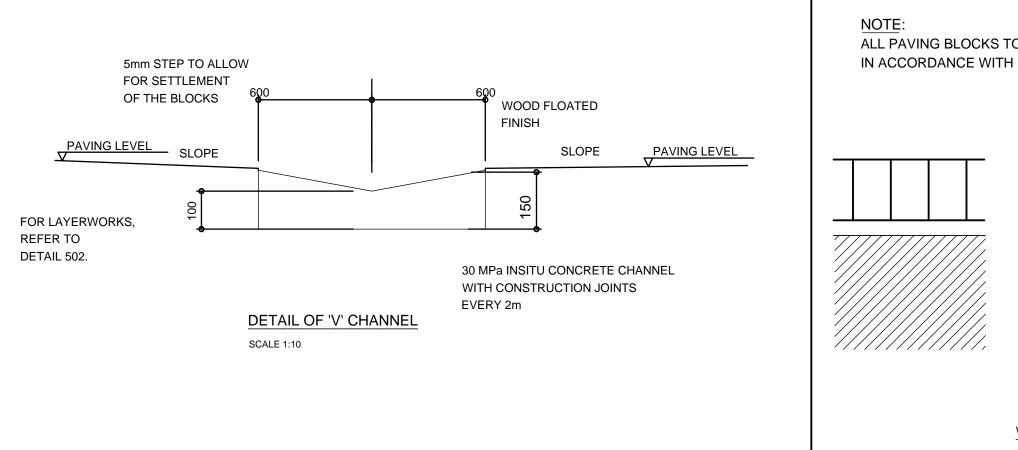


U/S WALL PLATE 3400 110mm uPVC pipes painted black attached to outside wall 220mm BRICKWALL REINFORCED WITH BRICK FORCE AT EVERY 4th COURSE TO FULL HEIGHT SANSPAR UNIFLO TYPE 2AH Y12@150 c/c ventilation openings 330 CAVITY BRICKWALL (with 110 CONCRETE FILLED CAVITY WITH MESH REF.245 AT CENTRE) 200 SLAB (25 MPa WITH MESH REF.245, 50 COVER TO BOTTOM) PLASTER INTERNALY MIXED SIKA CEMFLEX (OR SIMILAR APPROVED) AND WITH EPOXY BASED BLACK PAINT TYPICAL VIP SECTION

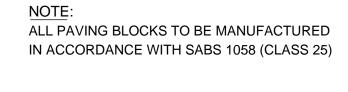


MANHOLE OPENING DETAIL

GROUND FLOOR LAYOUT



(ABLUTION BUILDING)



60mm PAVING BLOCKS TO ARCHITECT'S SPECIFICATION

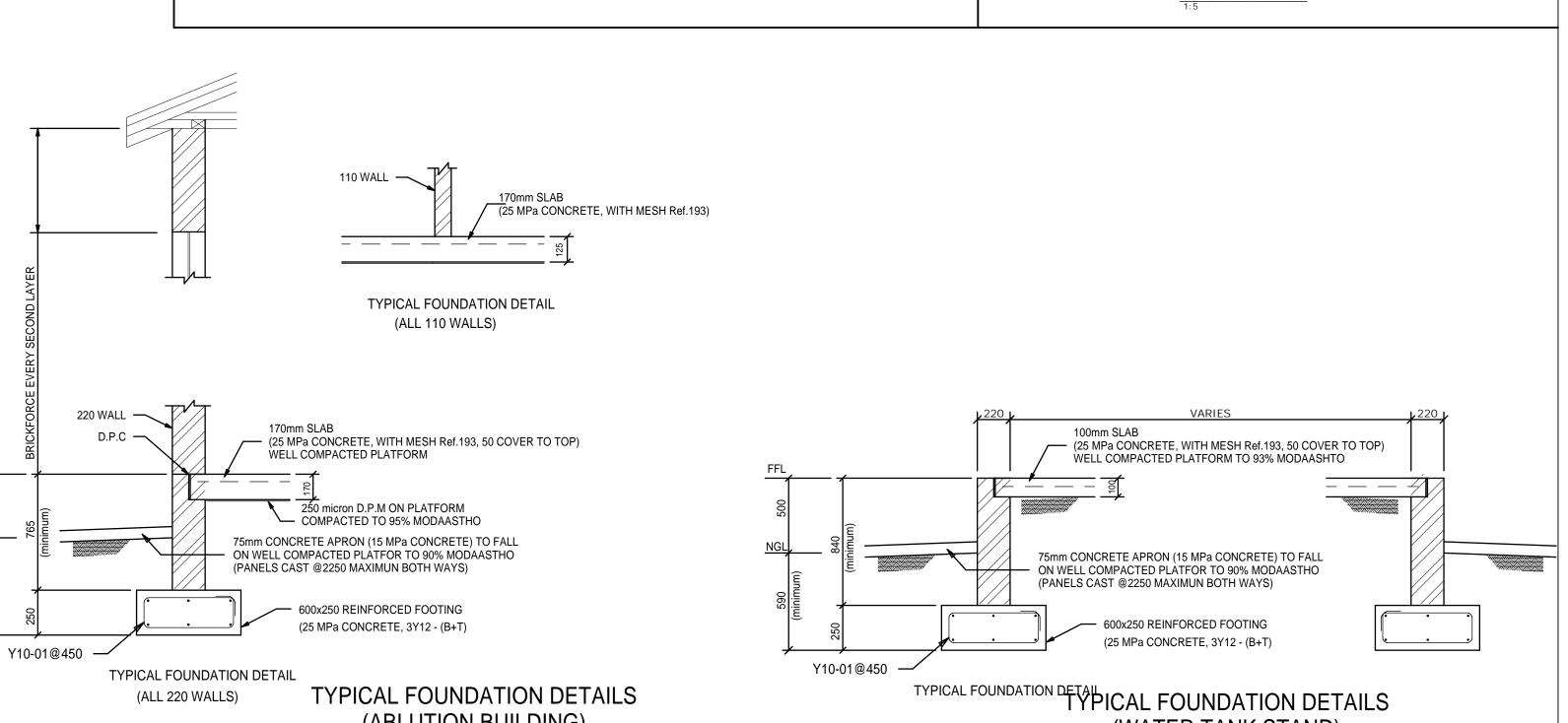
20mm BEDDING SAND TO SABS 1200MJ

SCARIFY AND COMPACT 150mm LAYER INSITU MATERIAL TO 93% MOD AASHTO - MIN. G7 MATERIAL TO TRH 14.

IF INSITU MATERIAL DOES NOT COMPLY WITH THE G7 SPECIFICATION, MATERIAL TO BE REMOVED TO A DEPTH OF 150mm AND REPLACED WITH G7 MATERIAL - AS INSTRUCTED BY THE ENGINEER

WALKWAYS DETAIL

(WATER TANK STAND)



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 AGREMENT 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 JOZINI LOCAL MUNICIPALITY SERVICE EMGQOBOLWENI PRIMARY SCHOOL THE MVULA TRUST DISCIPLINE **ENGINEEERING**

WORK DESCRIPTION-SUB DIVISION

ABLUTION FACILITIES

DRAWING DESCRIPTION

STRUCTURAL DESIGN LAYOUT AND DETAILS FILE No. 2023 MVULA_KZN_SSAN_102 DESIGN DRAWN SCALE CHECKED RP.MAMPHAGA RESPONSIBLE PROFESSIONAL DATE SIGNATURE RP.MAMPHAGA 2023-09-05



ENGINEER				
DATE NAME				SIGNATURE
2023-09-05	RP.MAMPHAGA			
CAD	PROKON PADDS			
SIZE	DRAWING		NUMBER	REV
A1	2023 MVULA_KZN		N_SSAN_102	Α
REVISION	DATE	DISCRIPTION		
Α	2023-09-07	ISSUED FOR INFORMATION		

FOUNDATION DESIGNED FOR SOIL CLASSIFICATION: S1

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