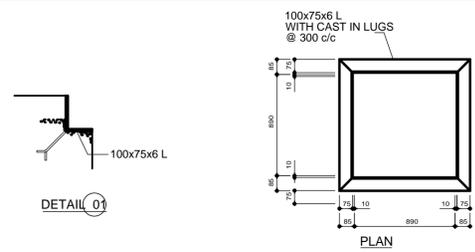
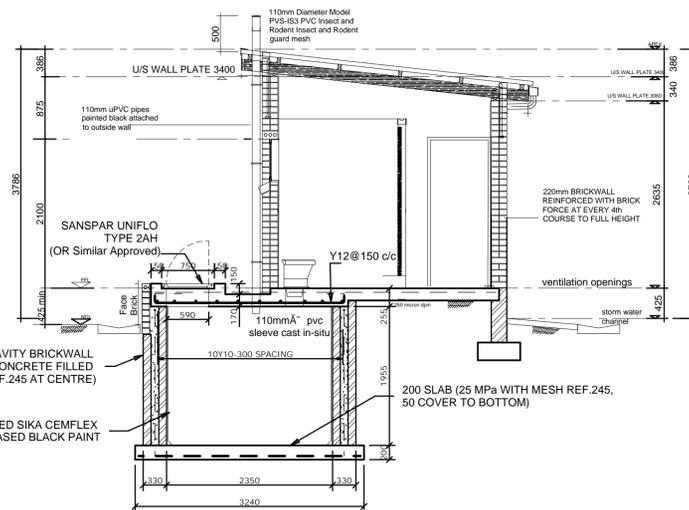
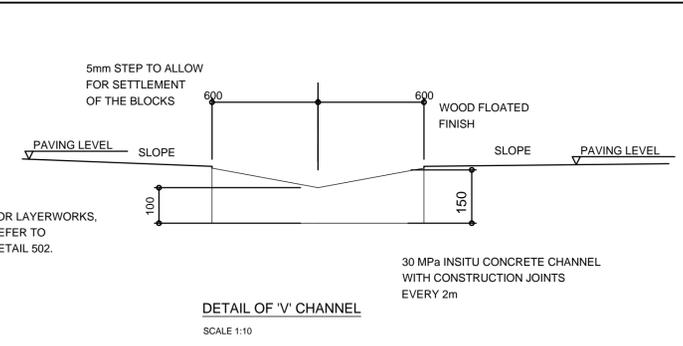


**GROUND FLOOR LAYOUT**  
1:100



**MANHOLE OPENING DETAIL**



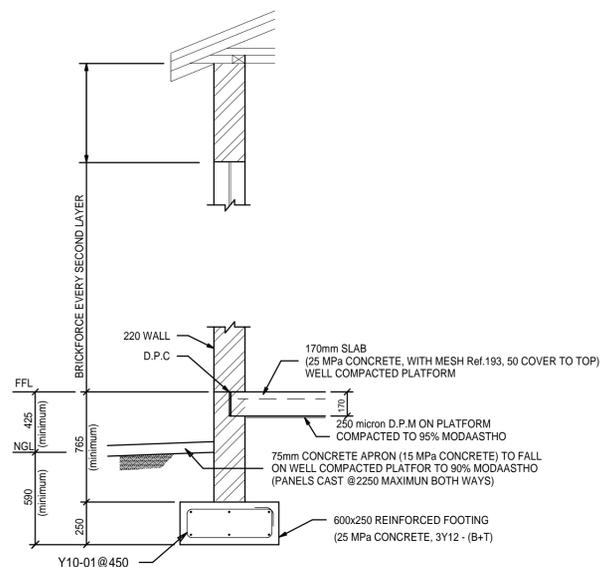
**DETAIL OF 'V' CHANNEL**  
SCALE 1:10

**NOTE:**  
ALL PAVING BLOCKS TO BE MANUFACTURED IN ACCORDANCE WITH SABS 1058 (CLASS 25)

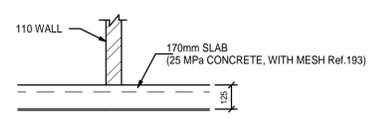
60mm PAVING BLOCKS TO ARCHITECT'S SPECIFICATION  
20mm BEDDING SAND TO SABS 1200MJ

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

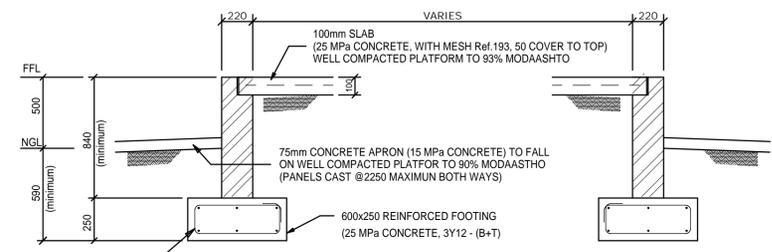
**WALKWAYS DETAIL**  
1:5



**TYPICAL FOUNDATION DETAILS (ABLUTION BUILDING)**



**TYPICAL FOUNDATION DETAIL (ALL 110 WALLS)**



**TYPICAL FOUNDATION DETAILS (WATER TANK STAND)**

FOUNDATION DESIGNED FOR SOIL CLASSIFICATION: H1

- 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 MAKE SURE 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 DISCREPANCY WITH ARCHITECT'S LAYOUT THEREFORE ARCHITECT'S DIMENSION SHOULD BE DEEMED CORRECT PLEASE REPORT SUCH DISCREPANCY TO THE ENGINEER.



SUBURB OR LOCATION	NONGOMA LOCAL MUNICIPALITY
SERVICE	BANZANA HIGH SCHOOL
CLIENT	THE MVULA TRUST
DISCIPLINE	ENGINEERING
WORK DESCRIPTION-SUB DIVISION	ABLUTION FACILITIES

DRAWING DESCRIPTION	
<b>STRUCTURAL DESIGN LAYOUT AND DETAILS</b>	
FILE No.	2023 MVULA_KZN_SSN_100
DESIGN	RP.MAMPHAGA
SCALE	1:100
ITEM No.	DRAWN
	CHECKED
RESPONSIBLE PROFESSIONAL	
DATE	NAME
2023-09-05	RP.MAMPHAGA
	SIGNATURE



ENGINEER	
DATE	NAME
2023-09-05	RP.MAMPHAGA
	SIGNATURE
CAD	PROKON PADD

SIZE	DRAWING NUMBER		REV
A1	2023 MVULA_KZN_SSN_100		A
REVISION	DATE	DISCRPTION	
A	2023-09-07	ISSUED FOR INFORMATION	

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