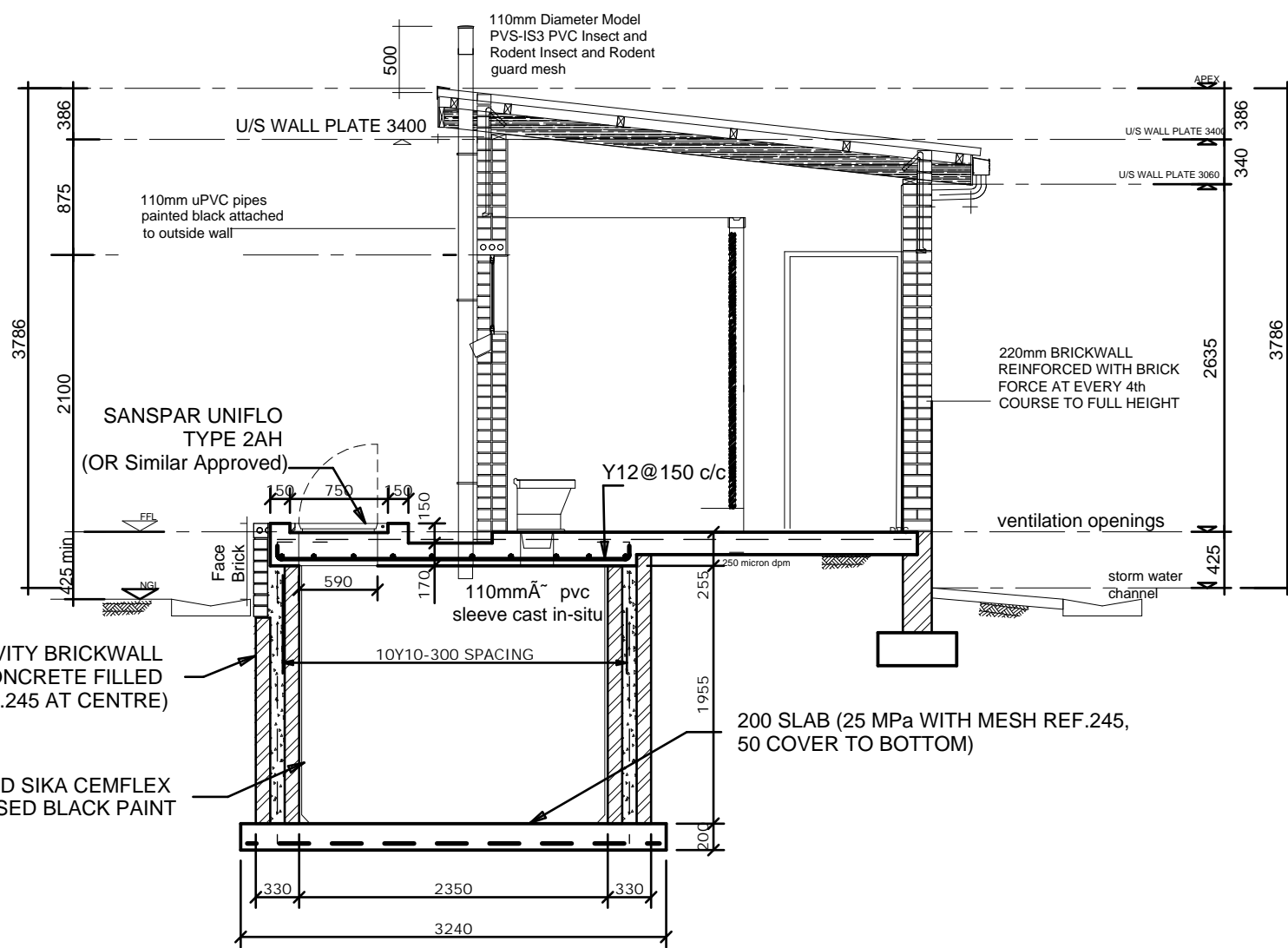
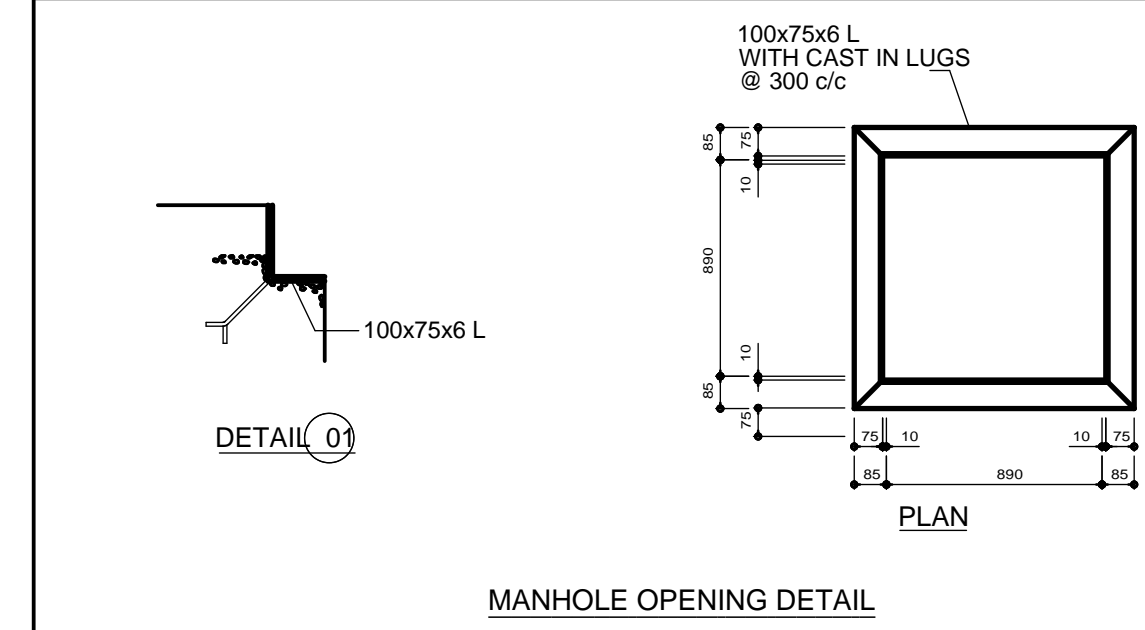


GROUND FLOOR LAYOUT
1:100

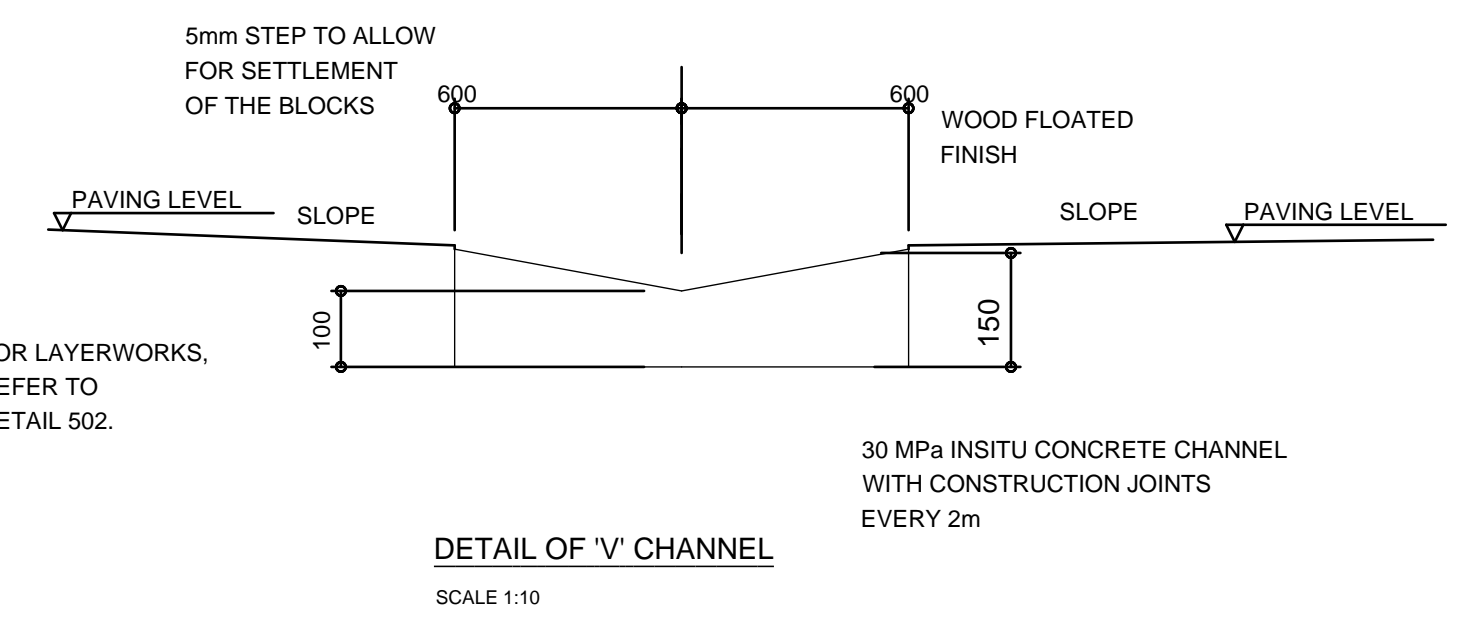


330 CAVITY BRICKWALL
(with 110 CONCRETE FILLED
CAVITY WITH MESH REF.245 AT CENTRE)

PLASTER INTERNALLY MIXED SIKA CEMFLEX
(OR SIMILAR APPROVED) AND WITH EPOXY BASED BLACK PAINT



MANHOLE OPENING DETAIL



DETAIL OF 'V' CHANNEL
SCALE 1:10

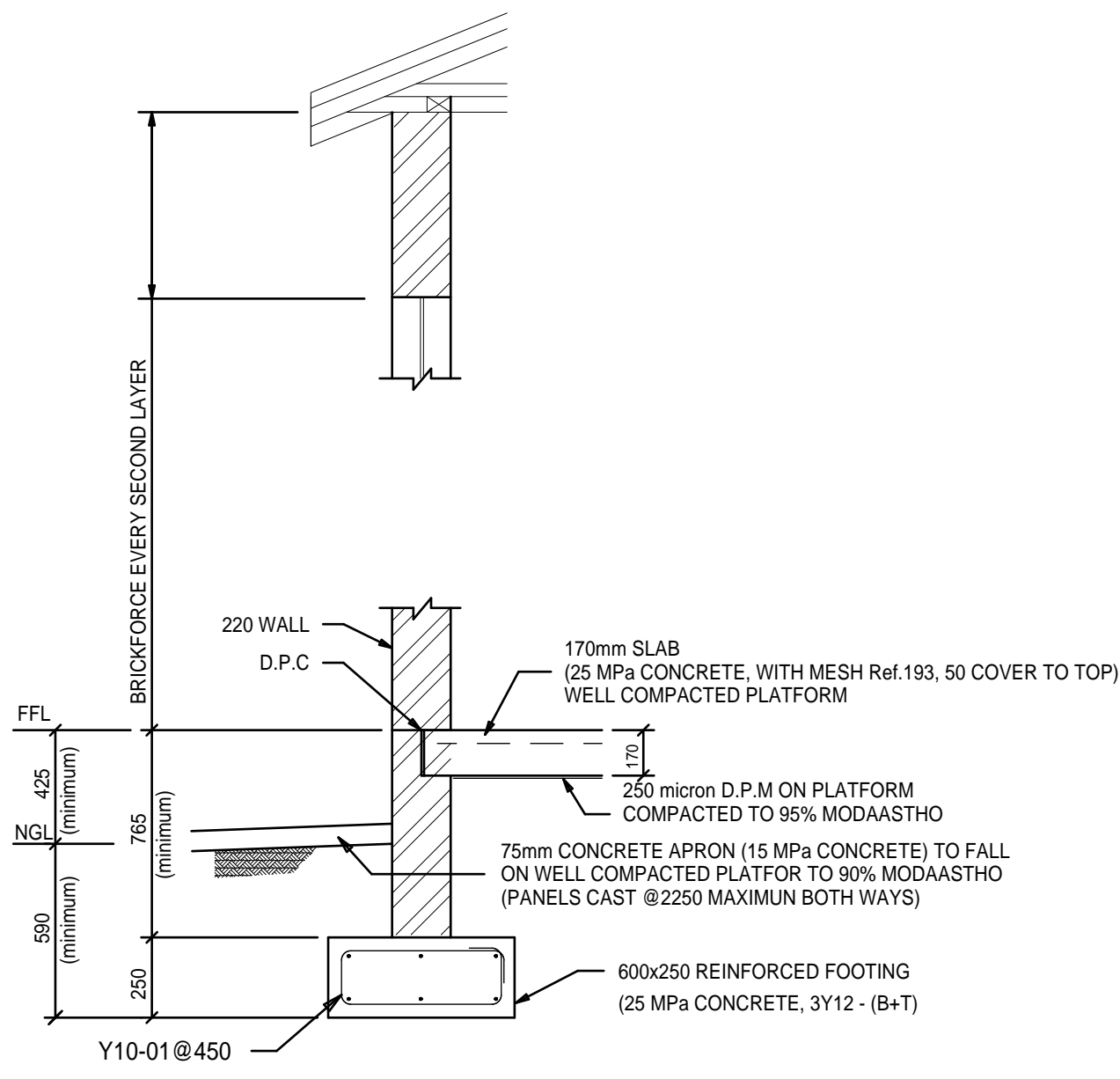
NOTE:
ALL PAVING BLOCKS TO BE MANUFACTURED
IN ACCORDANCE WITH SABS 1058 (CLASS 25)

60mm PAVING BLOCKS TO ARCHITECT'S
SPECIFICATION

20mm BEDDING SAND TO SABS 1200MJ

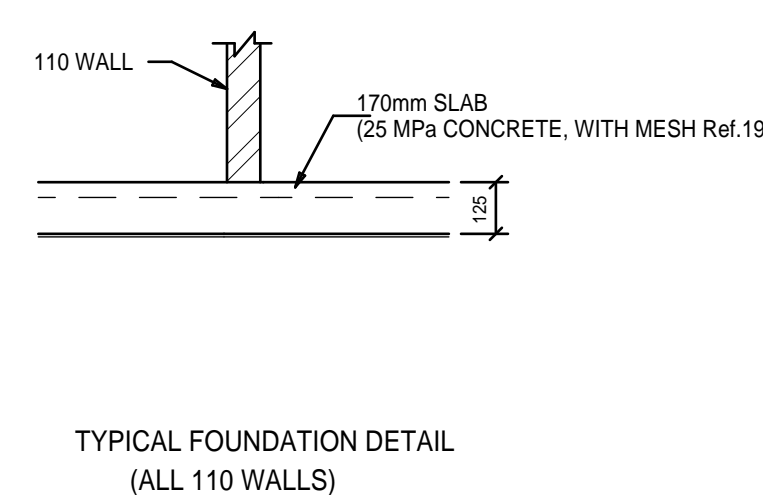
SCARIFY AND COMPACT 150mm LAYER INSITU
MATERIAL TO 93% MOD AASHTO - MIN. G7
MATERIAL TO TRH 14.
IF INSITU MATERIAL DOES NOT COMPLY WITH THE
G7 SPECIFICATION, MATERIAL TO BE REMOVED TO
A DEPTH OF 150mm AND REPLACED WITH G7
MATERIAL - AS INSTRUCTED BY THE ENGINEER

WALKWAYS DETAIL
1:5

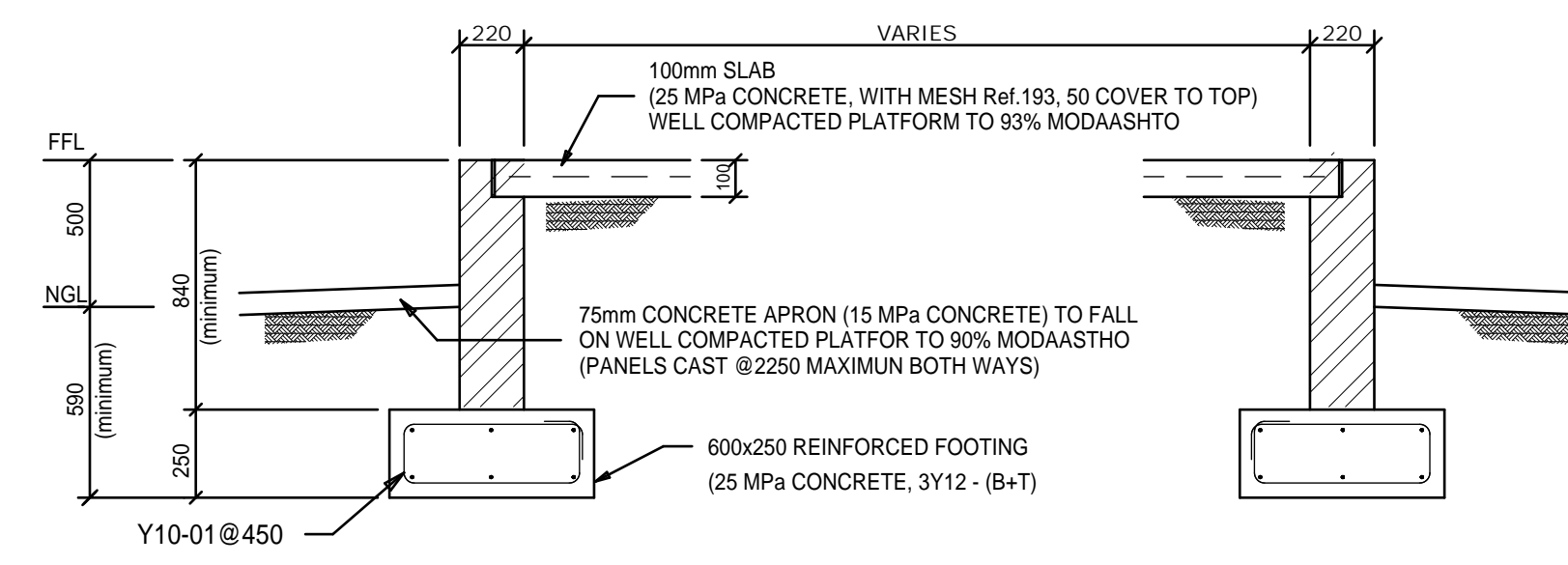


TYPICAL FOUNDATION DETAIL
(ALL 220 WALLS)

TYPICAL FOUNDATION DETAILS
(ABLUTION BUILDING)



TYPICAL FOUNDATION DETAIL
(ALL 110 WALLS)



TYPICAL FOUNDATION DETAIL
(WATER TANK STAND)

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 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
NONGOMA LOCAL MUNICIPALITY
SERVICE
BANZANA HIGH 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_100	ITEM No.
DESIGN		DRAWN
SCALE	1:100	CHECKED
RESPONSIBLE PROFESSIONAL		
DATE	NAME	SIGNATURE
2023-09-05	RP.MAMPHAGA	



ENGINEER		
DATE	NAME	SIGNATURE
2023-09-05	RP.MAMPHAGA	
CAD	PROKON PADD	
SIZE	DRAWING NUMBER	REV
A1	2023 MVULA_KZN_SSAN_100	A
REVISION	DATE	DISCRIPTION
A	2023-09-07	ISSUED FOR INFORMATION

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