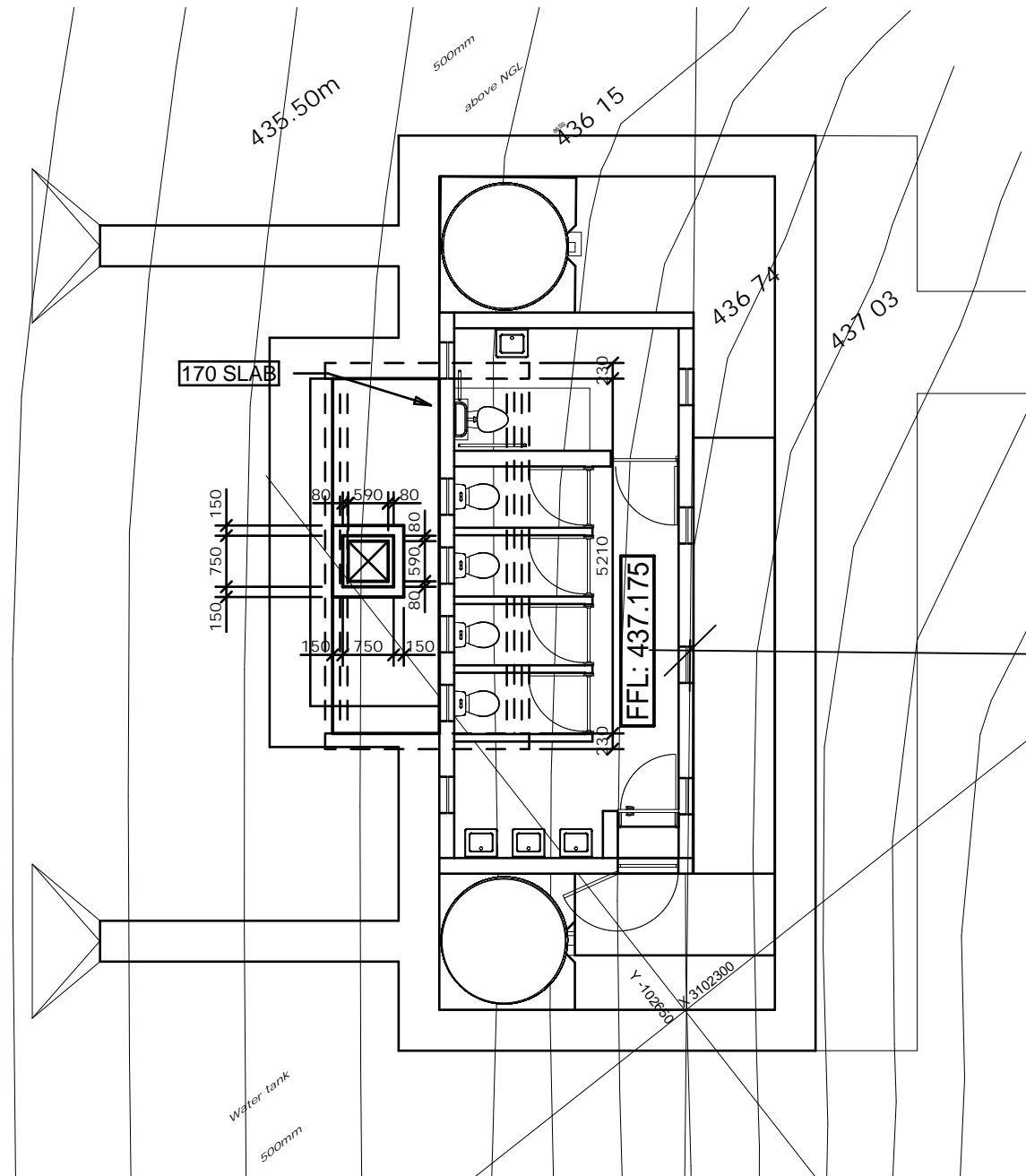
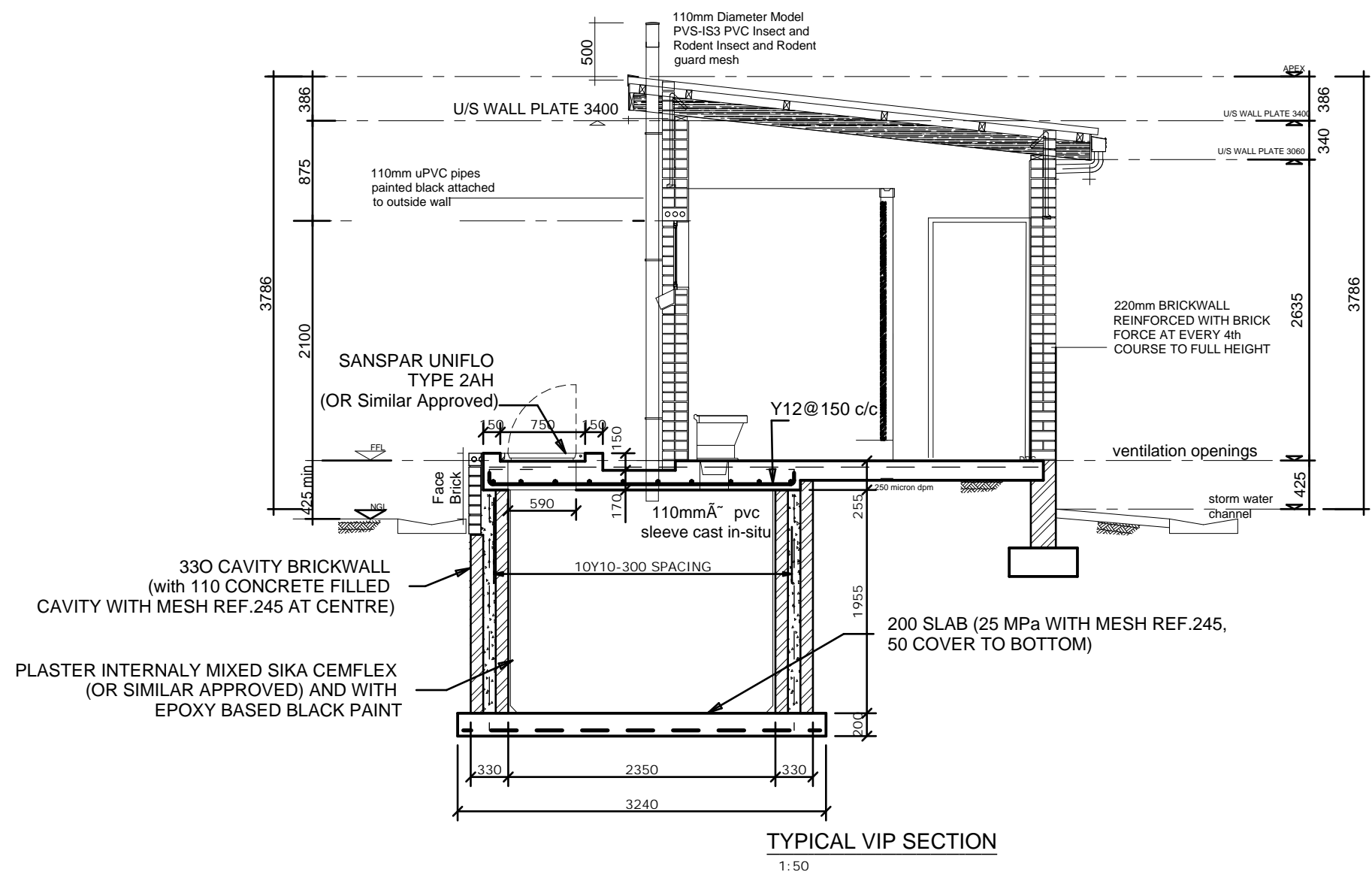


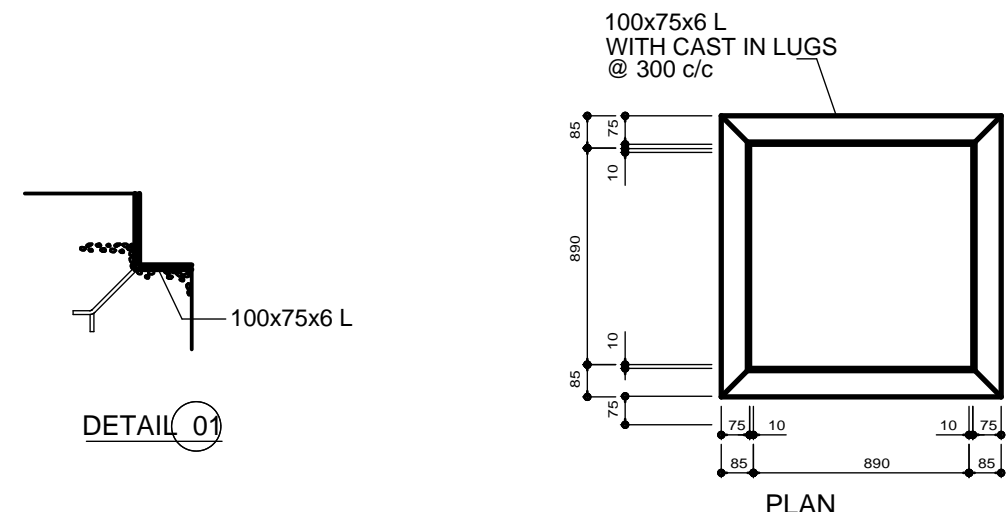
GROUND FLOOR LAYOUT
1:100



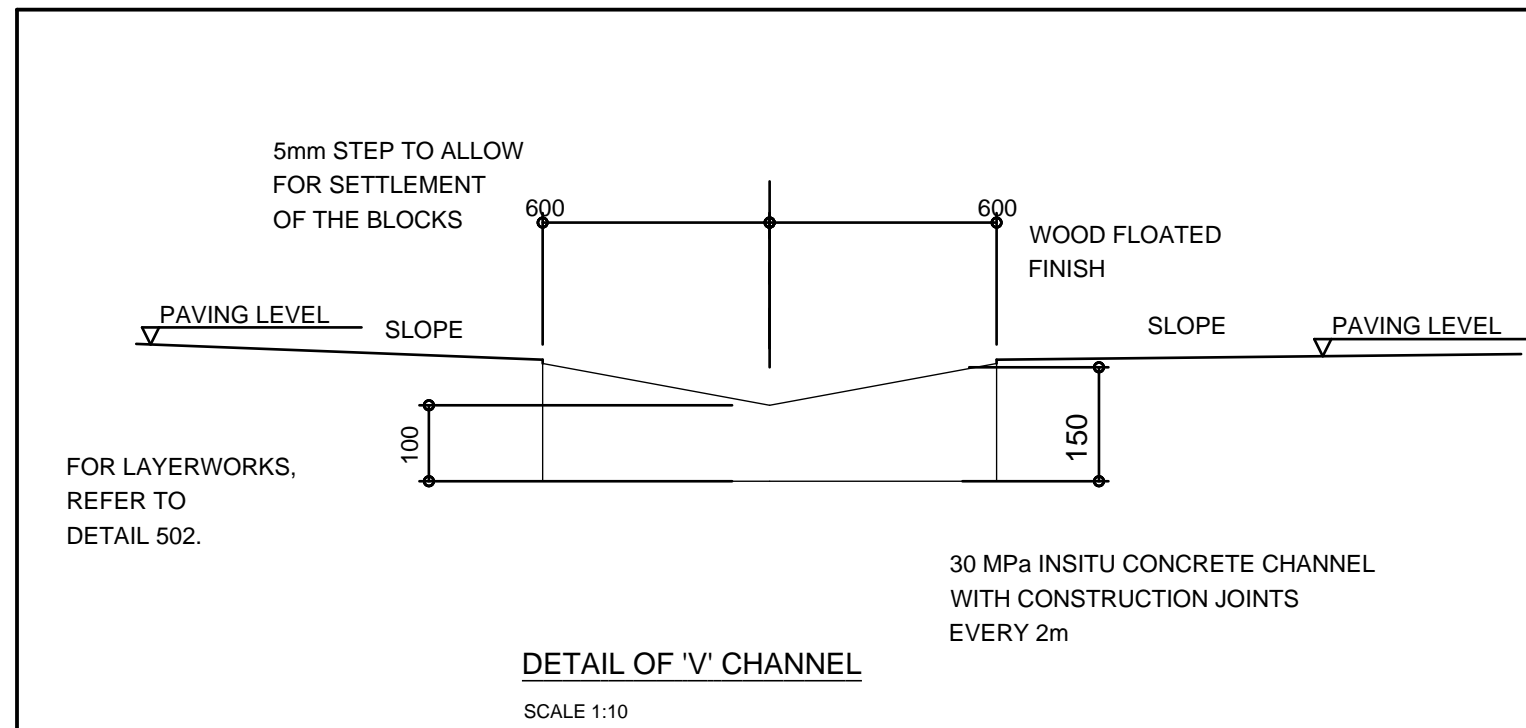
GRADE R ABLUTION LAYOUT



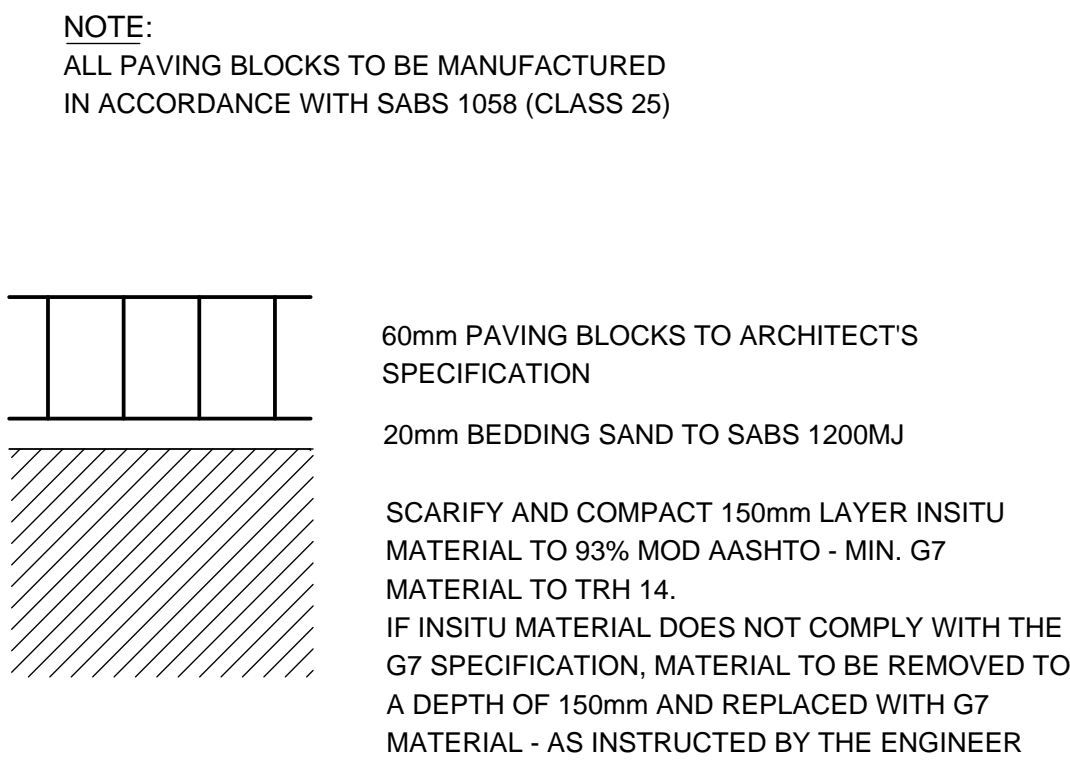
TYPICAL VIP SECTION
1:50



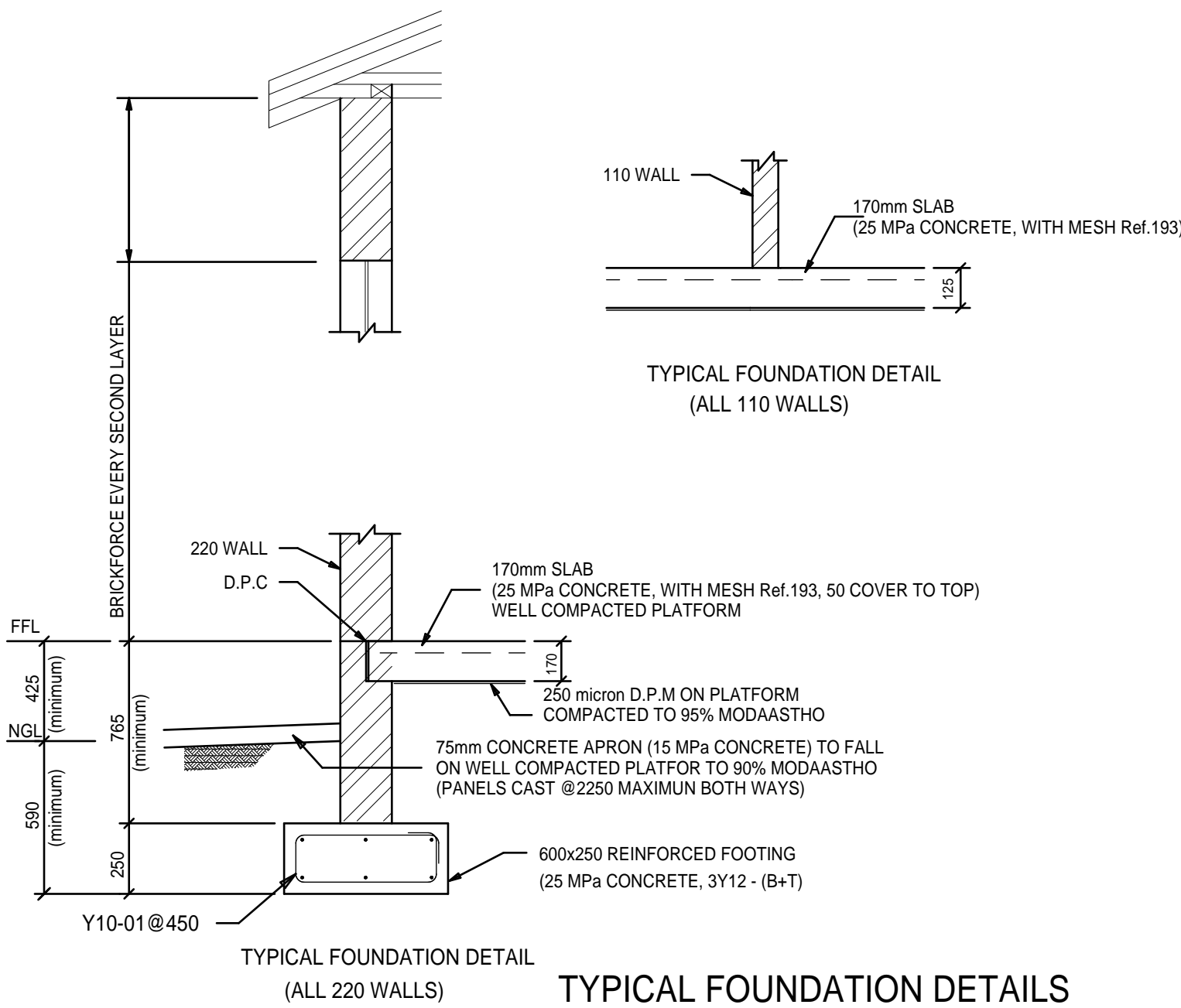
MANHOLE OPENING DETAIL



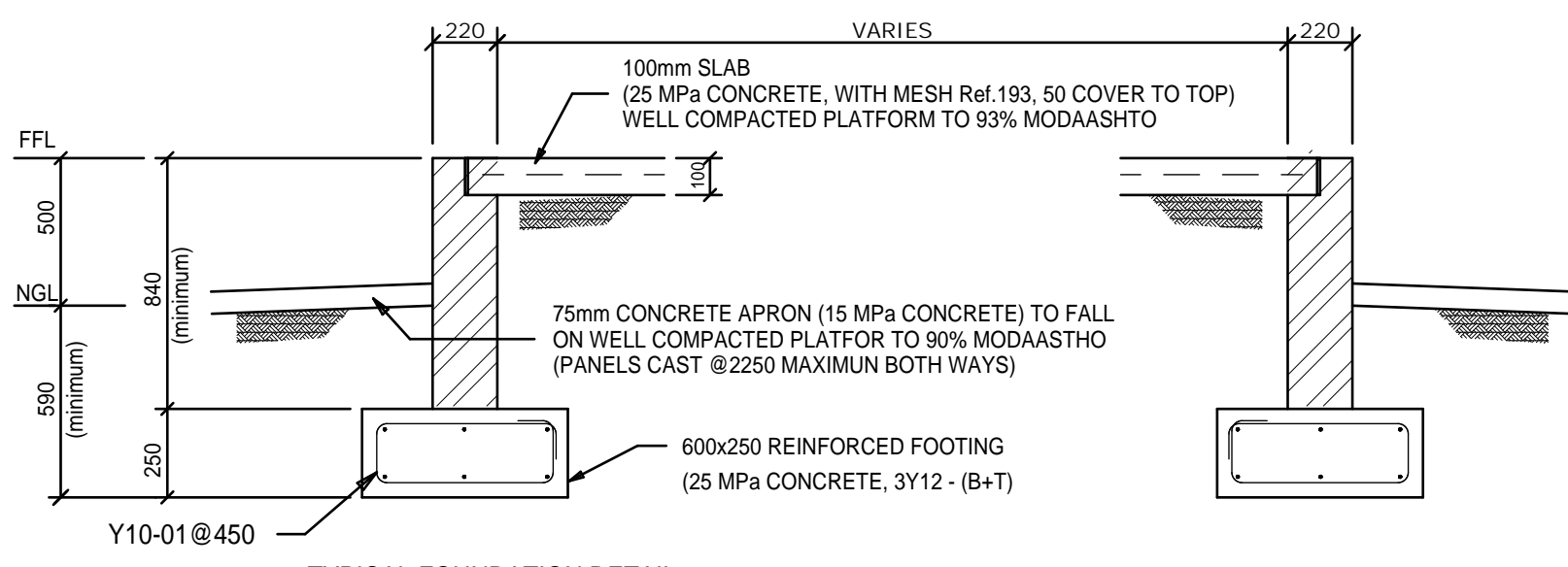
DETAIL OF 'V' CHANNEL
SCALE 1:10



WALKWAYS DETAIL
1:5



TYPICAL FOUNDATION DETAILS
(ABLUTION BUILDING)



TYPICAL FOUNDATION DETAILS
(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 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

BIG 5 HLABISA LOCAL MUNICIPALITY

SERVICE

EKUPHINDISWENI PRIMARY 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_101	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	
-----	-------------	--

DRAWING NUMBER		REV
A1	2023 MVULA_KZN_SSAN_101	A
REVISION	DATE	DISCRPTION
A	2023-09-07	ISSUED FOR INFORMATION

FOUNDATION DESIGNED FOR SOIL CLASSIFICATION: S1

COPYRIGHT NOT
THIS DRAWING IS SUBJECT TO COPYRIGHT AND MAY BE
REPRODUCED, IN WHOLE OR PART, OR IN ANY MANNER
WHATSOEVER WITHOUT WRITTEN PERMISSION FROM SEZIGEN CONSULTING

DISCLAIMER NOT
THIS DRAWING IS PRODUCED AUTOCAD (EXPORTED DRAWINGS
SHOULD BE READ IN CONJUNCTION WITH COPIES.)