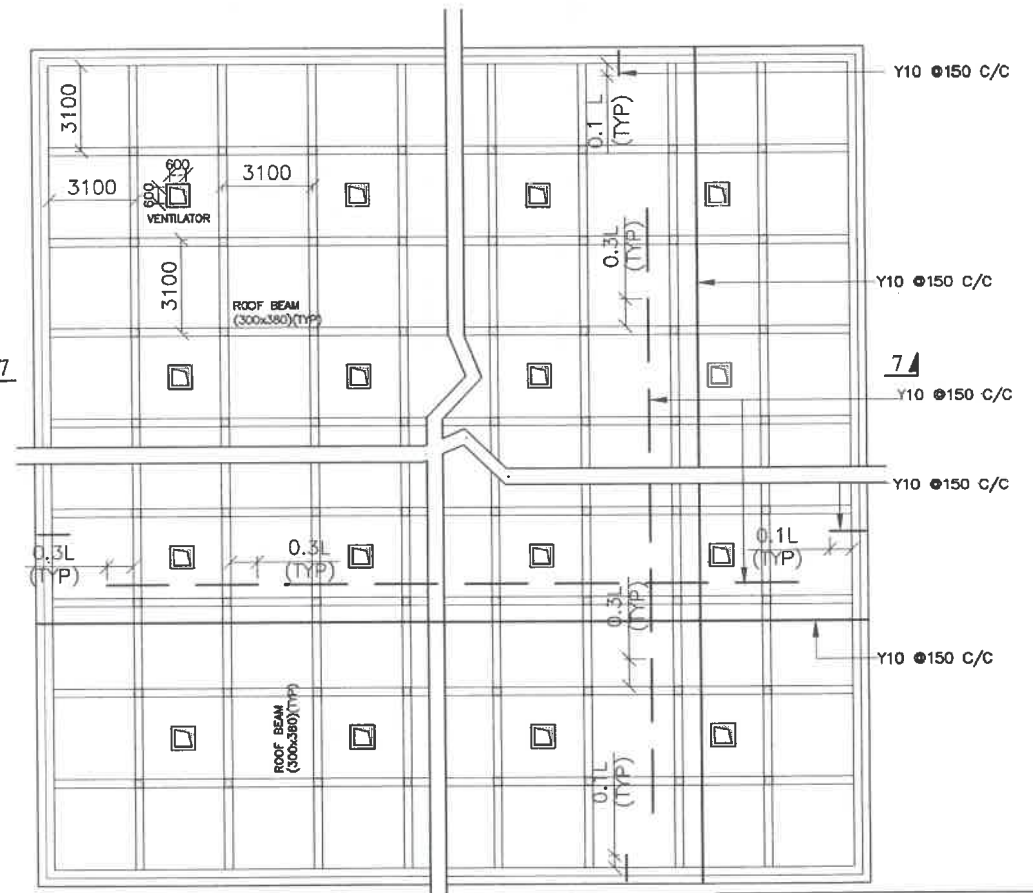




//APPROVED//

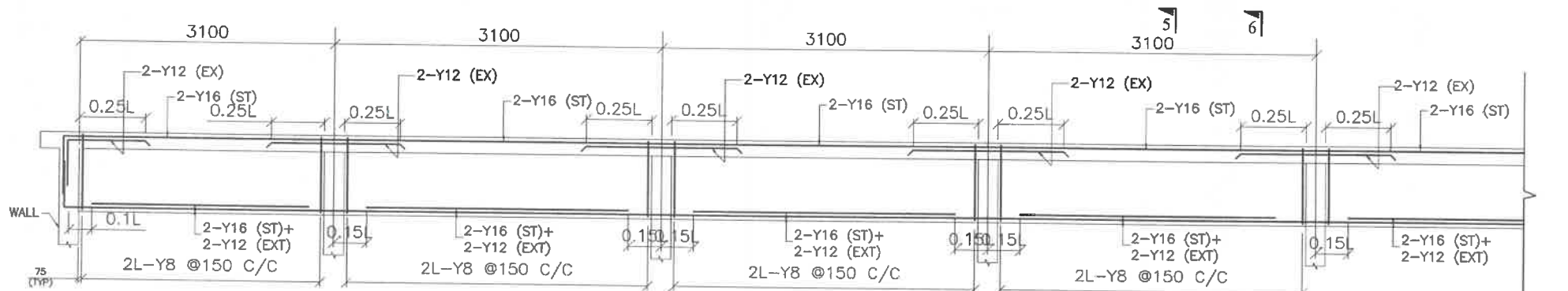
SCHEME:			
CAPACITY:	1250 KL SUMP		
LOCATION:			
SHHET NO	1	SBC-	$\geq 5 \text{ T/M}^2$

X-DIRECTION =7
Y-DIRECTION =7
NOTE: SUMP IS NOT DESIGNED FOR UPLIFT CONDITION
SUMP IS SAFE IF WATER TABLE >= 2.5M BELOW GROUND LEVEL

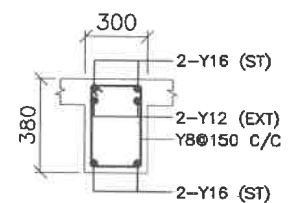
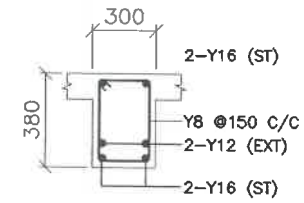
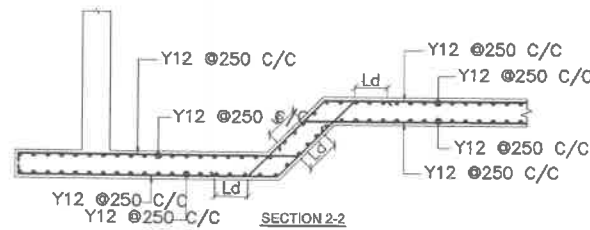
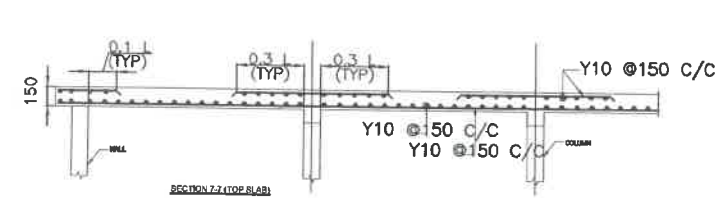
Q.22
AEE 26/4/21

DEE

Y.S.
EE

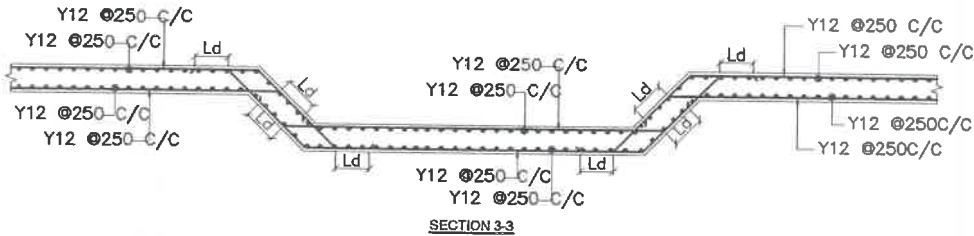


L.S. OF RB1 (300x380)

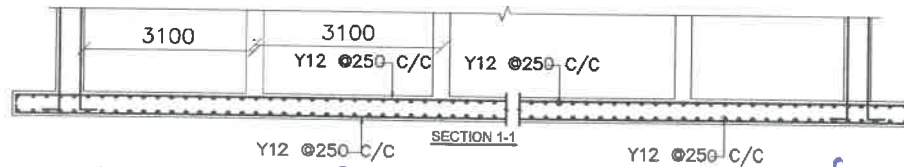


SEC -5

SEC -6



SECTION 3-3

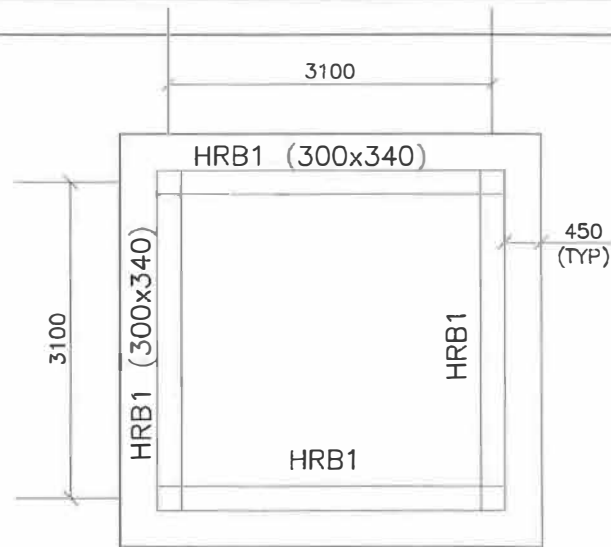


SECTION 1-1

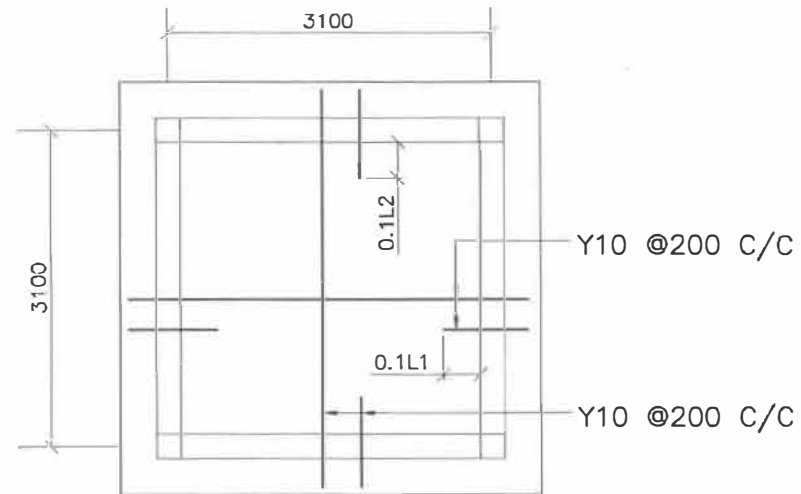
//APPROVED//

CHEIF ENGINEER-II,
RWS&S, VIJAYAWADA

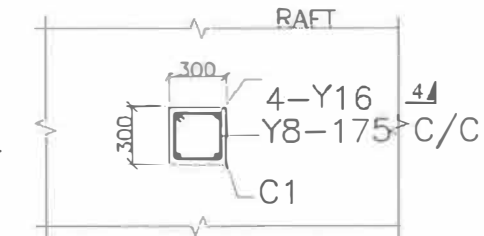
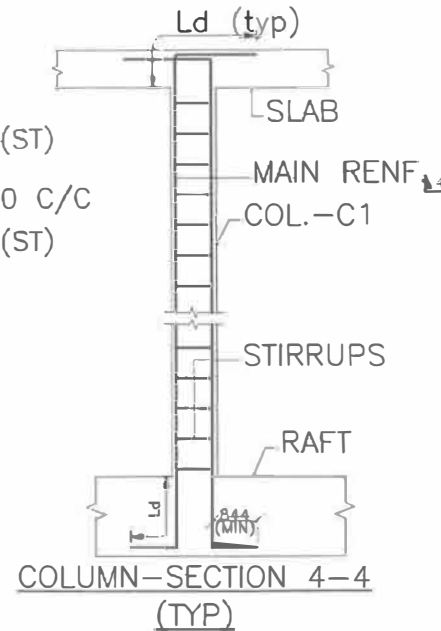
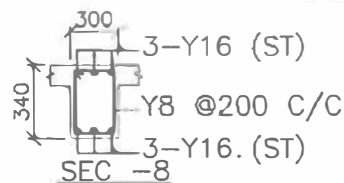
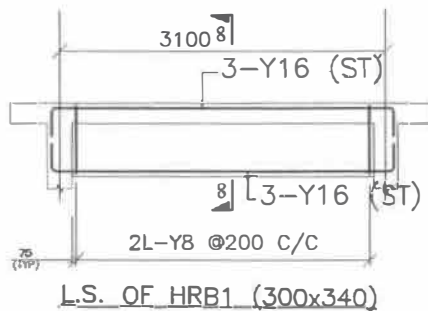
SCHEME:	
CAPACITY:	1250 KL SUMP
LOCATION:	
SHEET NO	4
SBC-	>=5 T/M ²



PLAN @ HEAD ROOM SLAB
(110 THK. SLAB)



PLAN @ HEAD ROOM SLAB



COLUMN-DETAIL - Q

26/4/24
AEE

POR
DEE

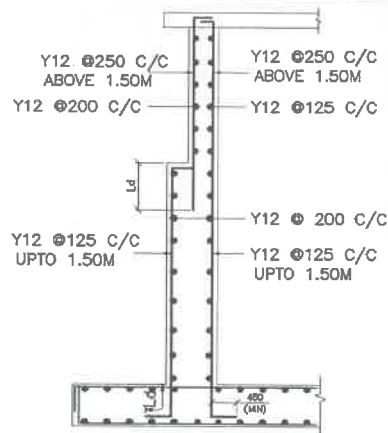
Y.S.
EE

//APPROVED//

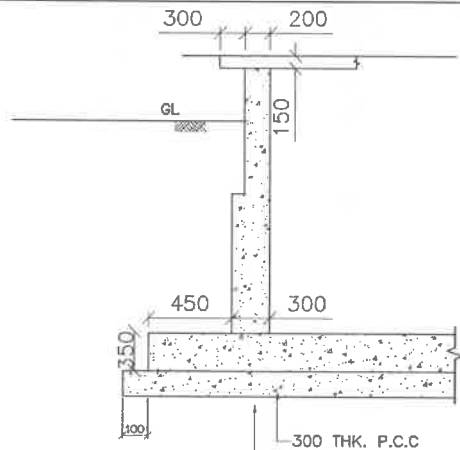
CHEIF ENGINEER-II,
RWS&S,VIJAYAWADA

SCHEME:			
CAPACITY:	1250 KL SUMP		
LOCATION:			
SHEET NO	5	SBC-	$\geq 5 \text{ T/M}^2$

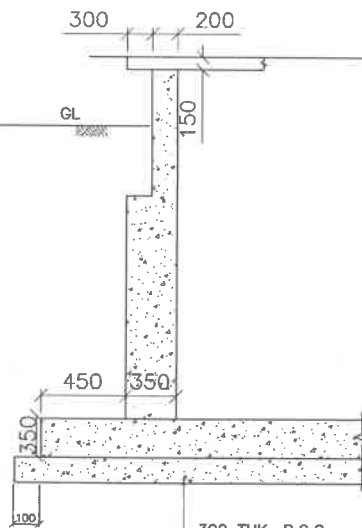
124



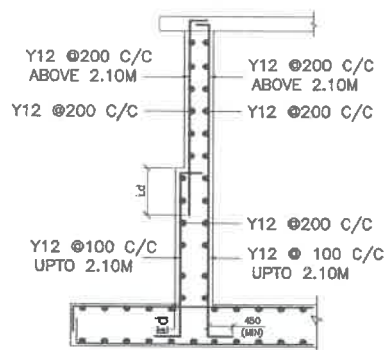
R.C DETAIL OF WALL AT PIT
SECTION 2A-2A



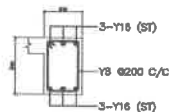
NUMERATION DETAIL OF TYP. WALL



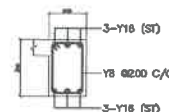
NUMERATION DETAIL OF WALL AT PIT
SECTION 2A-2A



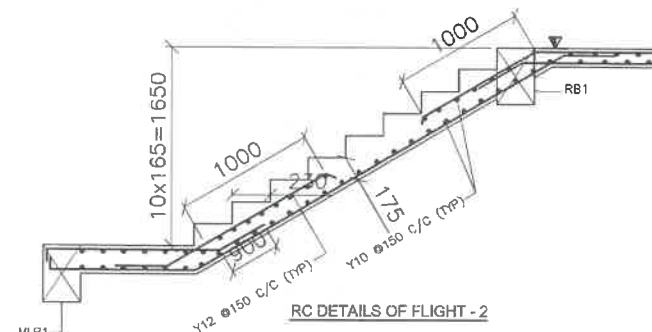
TYP. R.C DETAIL OF WALL



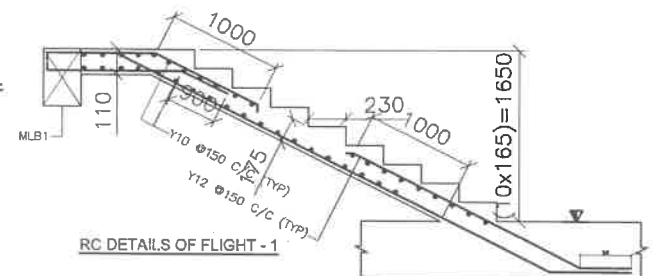
SEC -3



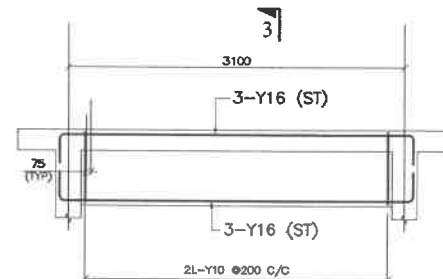
C/S OF MLB2



RC DETAILS OF FLIGHT - 2



RC DETAILS OF FLIGHT - 1



L.S. OF MLB1 (300x340)

//APPROVED//

CHEIF ENGINEER-II,
RWS&S,VIJAYAWADA

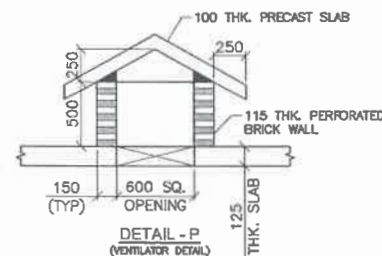
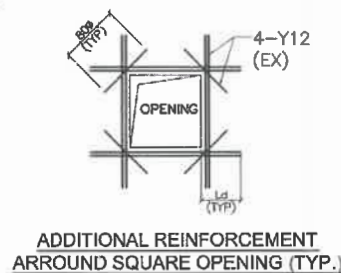
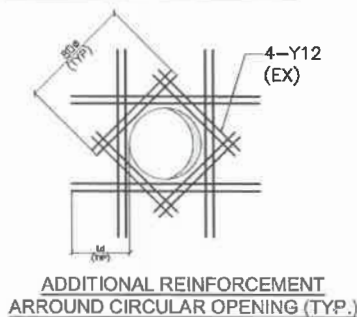
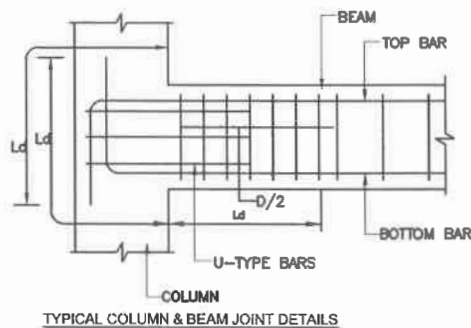
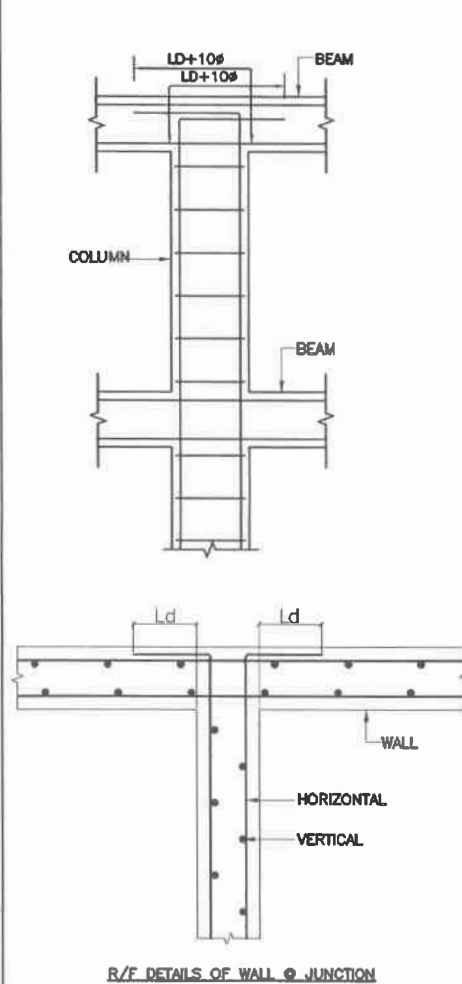
CAPACITY	1250 KL
SHEET NO	3

26/4/21
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125



1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METRES.
2. READ THE DWG. ALONG WITH CIVIL GAD. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY.
3. GRADE OF CONCRETE : M30 CONFORMING TO IS 456-2000 WITH 20MSA.
4. GRADE OF STEEL : Fe-415 CONFORMING TO IS 456-2000.
5. TYPE OF CEMENT OPC.
6. COVER TO REINFORCEMENT:

A. RAFT	= 75MM
B. WALLS	= 45MM
C. COLUMN	= 40MM
D. SLAB	= 25MM
E. BEAMS	= 25MM
7. DEVELOPMENT LENGTH, $L_d = 50 \times \text{DIA. OF BAR FOR BINDING}$, $L_d = 25 \times \text{DIA. OF BAR FOR WELDING}$
8. DEVELOPMENT LENGTH IF WELDING IS TO BE DONE AS PER FIG. LAP JOINT OF CLAUSE 10.5.4 OF IS 9417-1989.

9. ALL LAPS SHALL BE STAGGERED.
10. MATERIALS AND WORKMANSHIP OF CEMENT CONCRETE SHALL CONFORM TO IS456.
11. CC BED IN M15 (1:2:4) GRADE WITH 40 MSA. WELL GRADED WITH 150MM THICKNESS SHALL BE PROVIDED UNDER ALL RCC MEMBERS.
12. BACK FILLING SHALL BE DONE WITH SUITABLE SOILS OF NOT LESS THAN 30'.
13. DETAILING AT THE JUNCTION OF COLUMNS, BEAMS AND WALLS ETC., SHALL BE DONE AS PER 'SP-34'.
14. PLASTERING WITH CM(1:3) 20MM THICK WITH 2% ACCO PROOF MATERIAL SHALL BE PROVIDED FOR ALL INNER FACES OF RESERVOIR EXCEPT ROOF SLAB.
15. THE SBC SHALL NOT BE LESS THAN $- 5 \text{ T/m}^2$. THE SAME NEED TO CONFIRMED BEFORE EXECUTION.
16. DEAD STORAGE CONSIDERED AS 0.15m
17. FREE BOARD CONSIDERED AS 0.45m
18. INLET, OUTLET, OVERFLOW, SCOUR PIPES ARE AS PER THE APPROVED HYDRAULICS AND ALIGNMENT AS PER SITE CONDITION.

26/4/21
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//APPROVED//
R.S.
CHIEF ENGINEER-II,
RWS&S,VIJAYAWADA

SCHEME:	
CAPACITY:	1250 KL SUMP
LOCATION:	
SHEET NO	6
SBC-	$\geq 5 \text{ T/M}^2$