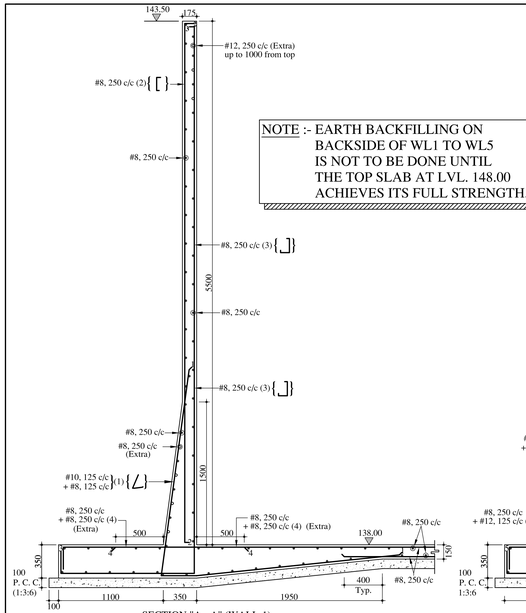
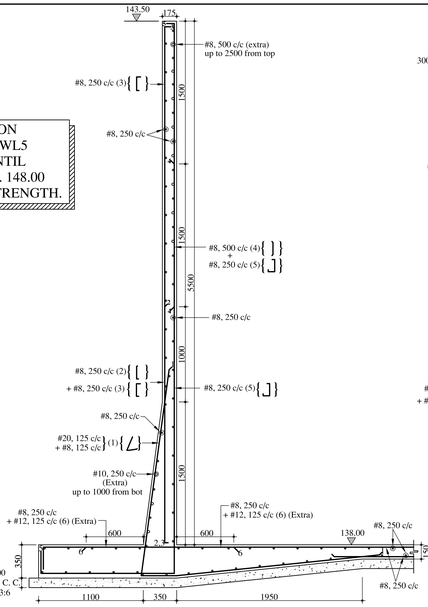
NOTE :- EARTH BACKFILLING ON BACKSIDE OF WL1 TO WL5 IS NOT TO BE DONE UNTIL THE TOP SLAB AT LVL. 148.00 ACHIEVES ITS FULL STRENGTH.



SECTION "A - A" (WALL-1)
(SCALE:- 1:25)



SECTION "B - B" (WALL-2)
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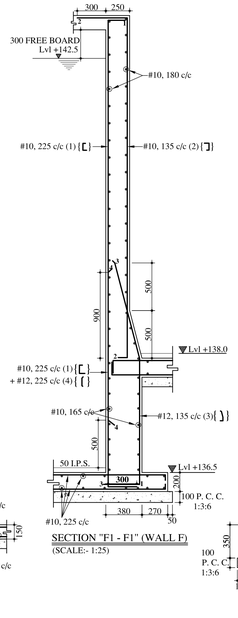
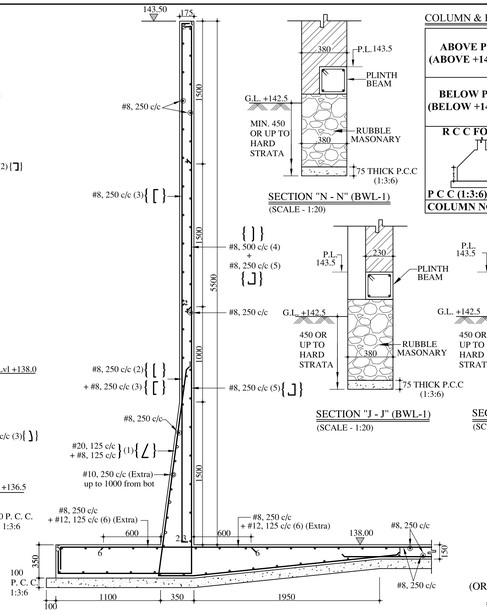


SECTION "F1 - F1" (WALL F)
(SCALE:- 1:25)



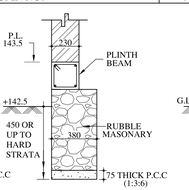
SECTION " C-C "WALL-3
(SCALE:- 1:25)

COLUMN & FOOTING SCHEDULE :-

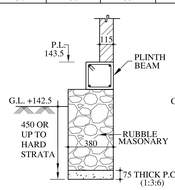
ABOVE PLINTH (ABOVE +143.5 LVL.)	SIZE	305 x 610	305 x 610	305 x 610	305 x 610	305 x 610	300 (Dia.)
	STEEL	4 - #12 + 6 - #16	10 - #20	10 - #16	10 - #16	6 - #16 + 4 - #20	6 - #20
	CONC.GRADE	M-20	M-20	M-20	M-20	M-20	M-20
BELOW PLINTH (BELOW +143.5 LVL.)	SIZE	305 x 610	305 x 610	305 x 610	305 x 610	305 x 610	300 (Dia.)
	STEEL	4 - #12 + 6 - #16	10 - #20	10 - #16	10 - #16	6 - #16 + 4 - #20	6 - #20
	CONC.GRADE	M-20	M-25	M-20	M-20	M-20	M-20
R C C FOOTING	SIZE	1200 x 1400	1700 x 2100	1900 x 2200	1200 x 1300	1200 x 1300	1000 x 1000
	T , t	375, 230	375, 230	460, 230	375, 230	375, 230	375, 230
	LONG BARS	7 - #10	10 - #10	10 - #10	7 - #10	7 - #10	6 - #10
	SHORT BARS	8 - #10	13- #10	13- #10	8 - #10	8 - #10	6 - #10
	CONC.GRADE	M-20	M-25	M-20	M-20	M-20	M-20
P C C (1:3:6) 115 THICK		1500 x 1700	2000 x 2400	2200 x 2500	1500 x 1600	1500 x 1600	1300 x 1300
COLUMN NO:-		C1	C2	C3	C4	C5	C6

SECTION "N - N" (BWL-1)
(SCALE - 1:20)

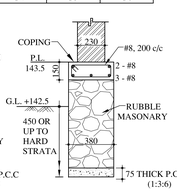
SECTION "J - J" (BWL-1)
(SCALE - 1:20)



SECTION "K - K" (BWL-2)
(SCALE - 1:20)

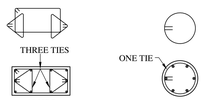


SECTION "L - L" (BWL-3)
(SCALE - 1:20)



SECTION "M - M" (BWL-4)
(SCALE :- 1:25)

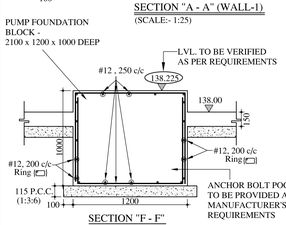
COLUMN TIES (OR BEAM STIRRUPS) DETAILS.



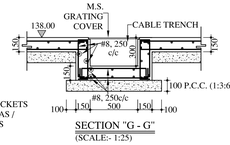
10 NOS. RECTANGULAR COLUMN

6 NOS. CIRCULAR COLUMN

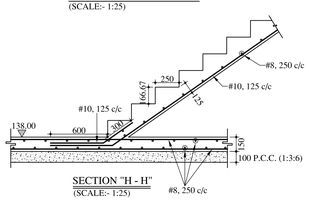
ARRANGEMENT OF VERTICAL BARS AND HORIZONTAL BINDERS IN COLUMNS.



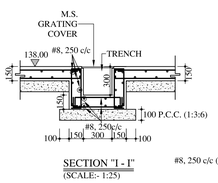
SECTION "F - F"
(SCALE:- 1:25)



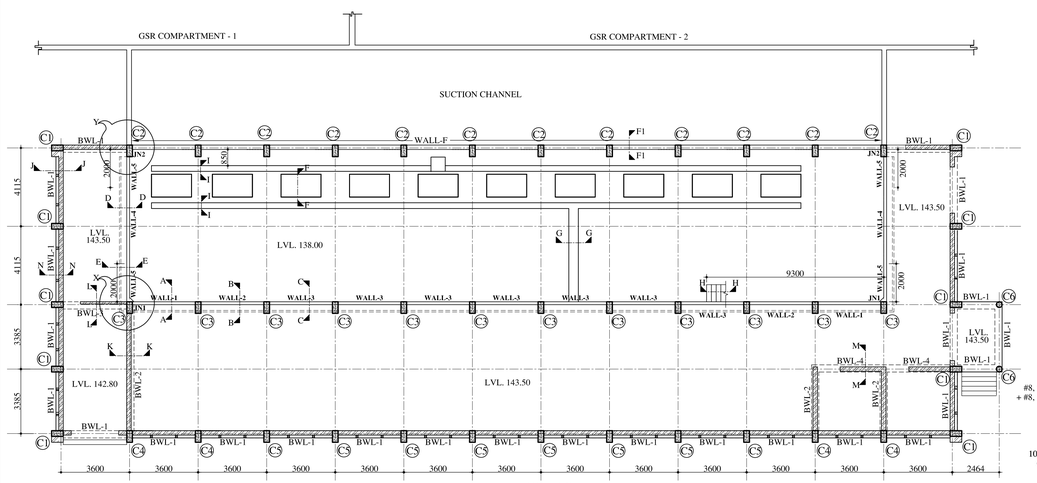
SECTION "G - G"
(SCALE:- 1:25)



SECTION "H - H"
(SCALE:- 1:25)

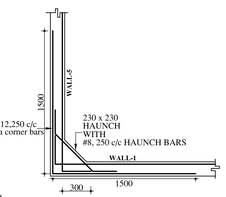


SECTION "I - I"
(SCALE:- 1:25)

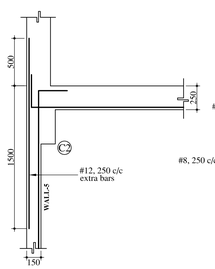


- - - - - - - - - - LVL. 142.50 - - - - - - - - - -

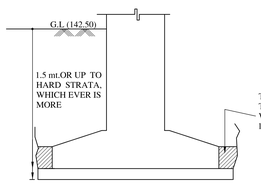
FRAMING PLAN AT FOUNDATION LEVEL
(SCALE:- 1:125)



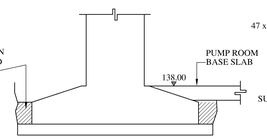
DETAIL AT " X " (JUNCTION JN-1)
(SCALE : - 1:25)



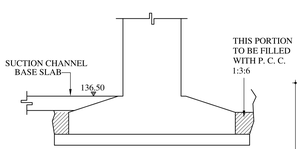
DETAIL AT " Y " (JUNCTION JN-2)
(SCALE : - 1:25)



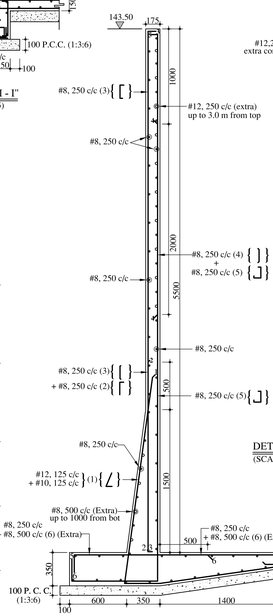
FOUNDATION DEPTH FOR C1,C4,C5,C6
(SCALE:- 1:25)



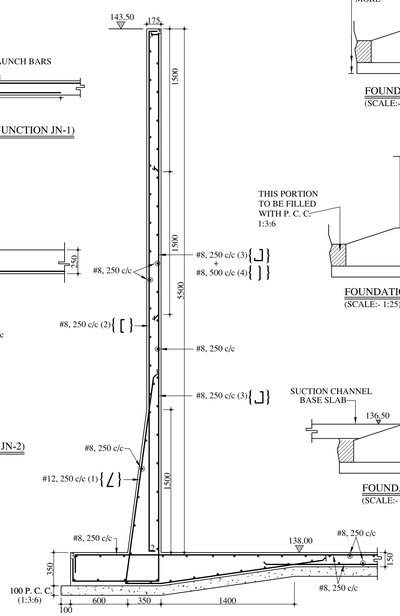
FOUNDATION DEPTH FOR C3
(SCALE:- 1:25)



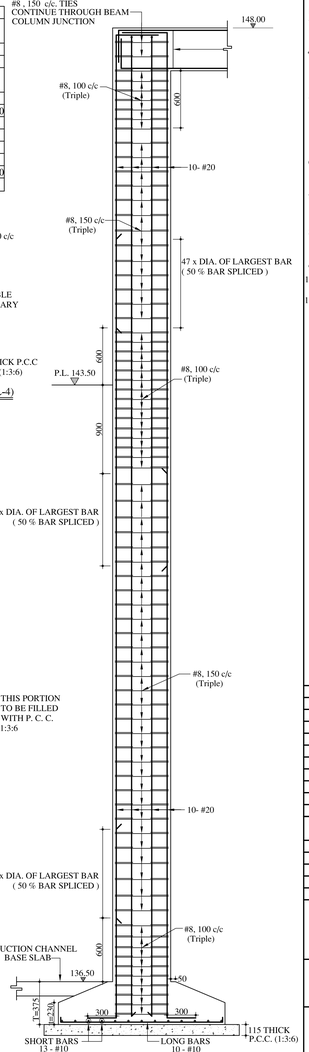
FOUNDATION DEPTH FOR C2
(SCALE:- 1:25)



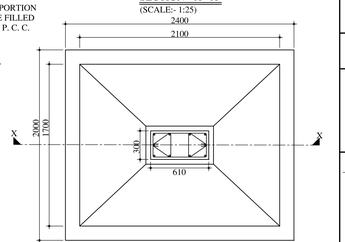
SECTION "D - D" (WALL-4)
(SCALE:- 1:25)



SECTION "E - E" (WALL-5)
(SCALE:- 1:25)



SECTION "X - X"
(SCALE:- 1:25)



PLAN

DETAIL FOR C2 SHOWING TYP. COLUMN DETAILING
(SCALE:- 1:25)

NOTES:-

1) REFER NOTES ON DRG. NO. 609_RPH_1.3
2) ALL DIMENSIONS ARE IN m.m.
3) ANY DIMENSIONS ARE NOT TO BE SCALLED FROM DRAWING.
4) CONCRETE MIX M-25 CONFORMING TO IS:456-2000. IS TO BE USED FOR COLUMNS WHICH ARE IN CONTACT WITH WATER AND MIX M-20 FOR REMAINING COMPONENTS.
5) CLEAR COVER TO REINFORCEMENT IN,
   A) R.C.C. WALL WL1 TO WL5 = 25
   B) FOOTINGS = 50
   C) COLUMN = 40
   D) BEAM = 25
   E) SLAB = 15
6) CONCRETE SHALL BE MACHINE MIXED, MACHINE VIBRATED AND SHALL BE CONSTANTLY WET FOR SEVEN DAYS AFTER DATE OF PLACING.
7) FOR CONCRETING OF ANY COMPONENT, FREE FALLING HEIGHT FOR CONCRETE SHALL NOT BE MORE THAN 1.5 m.
8) # INDICATES HIGH YIELD STRENGTH DEFORMED BARS, CRS - Fe 500, CONFORMING TO IS:1786-1985 OR EQUIVALENT.
9) LAP LENGTH FOR BARS, Ld = 47 x DIA. OF BAR
10) OTHER SPECIFICATIONS SHALL BE AS PER THE TENDER DOCUMENTS.
11) ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF THE ENGINEER IN CHARGE, BEFORE FURTHER PROGRESS OF THE WORK.

REV. NO.	REV. DATE	REVISION DETAILS	APPD. BY

	NAME	SIGN	DATE
DRAWN BY:-			
CHECKED BY:-			
APPROVED BY:-			

PRINCIPAL CLIENT :-

ARCHITECT:-

PROJECT TITLE:-

DRG. NO.

DRAWING TITLE:-
PUMP HOUSE - COLUMN, FOOTING AND WALL DETAILS (REV - 2)

LAKHLANI ASSOCIATES
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