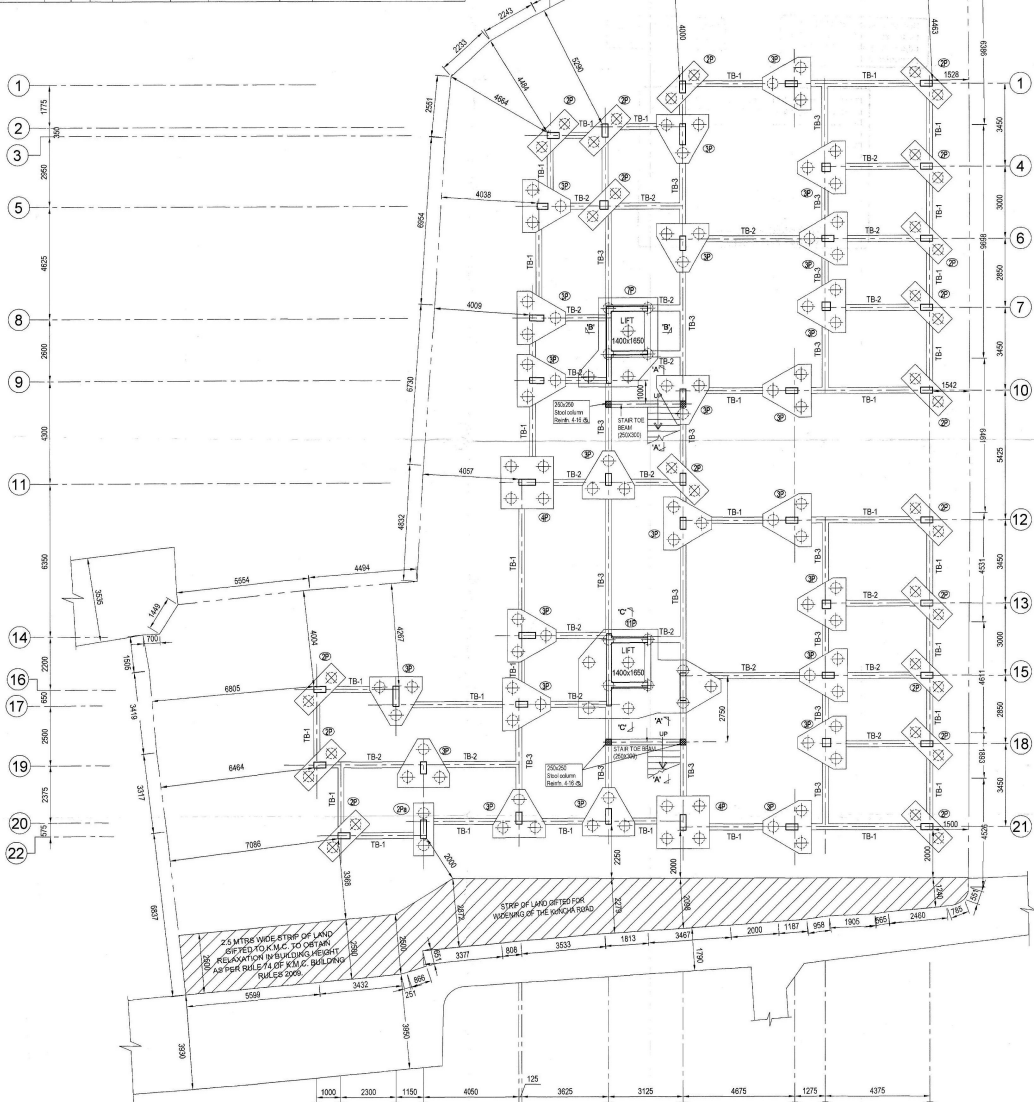
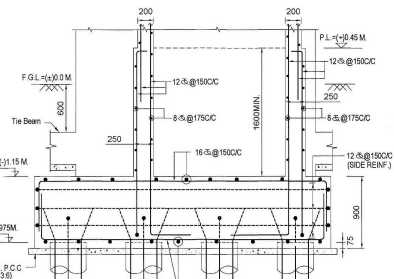


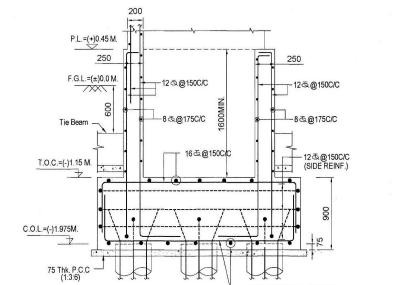
SCHEDULE OF FOUNDATION -		PILE DETAILS		PILE CAP SIZE		CAP REINFORCEMENT		
COL. NO.	NO. OF PILES	DL (mm)	TL (mm)	COL. OFF. DIA. (mm)	COL. BREADTH (mm)	COL. DEPTH (mm)	PILE CAP REINFORCEMENT	
2P	A16, A18, B2, B22, K2, K2M, M1, O1, O4, O12, O13, O15, O16, O21	2	400	(1) 225	2200	850	800	8-12S AT TOP ALONG LONGER DIR. 8-20S AT BOT. ALONG LONGER DIR. 10-12S @ 150CC STRIPRS 12-12S @ 150CC SIDE REIN.
2Pa	D22	2	400	(1) 225	2200	850	800	8-12S AT TOP ALONG LONGER DIR. 8-20S AT BOT. ALONG LONGER DIR. 10-12S @ 150CC STRIPRS 12-12S @ 150CC SIDE REIN.
3P	C16, D16, E17, E20, F14, G4, G8, H11, I11, J12, K13, M10, M12, N1, N15, N12, N13, P4, P17, P13, P15, P16	3	400	(1) 225	7-12S @ 150CC LINE & 12S @ 200CC STRIPPER	1200	900	12-12S @ 150CC AT TOP BOTHWAYS 10-20S @ 150CC AT BOT. BOTHWAYS 12-12S @ 150CC SIDE REIN.
4P	F11, M2	4	400	(1) 225	2200	2200	1000	12-12S @ 150CC AT TOP BOTHWAYS 10-20S @ 150CC AT BOT. BOTHWAYS 12-12S @ 150CC SIDE REIN.
7P	LIFT WELL	7	400	(1) 225	2200	900	900	8-12S @ 150CC AT TOP BOTHWAYS 10-20S @ 150CC AT BOT. BOTHWAYS 12-12S @ 150CC SIDE REIN.
11P	M15 & LIFT WELL	11	400	(1) 225	2200	900	900	8-12S @ 150CC AT TOP BOTHWAYS 10-20S @ 150CC AT BOT. BOTHWAYS 12-12S @ 150CC SIDE REIN.



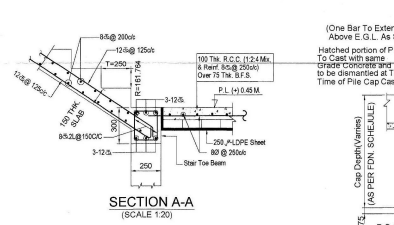
FOUNDATION LAYOUT PLAN
SCALE: 1:100



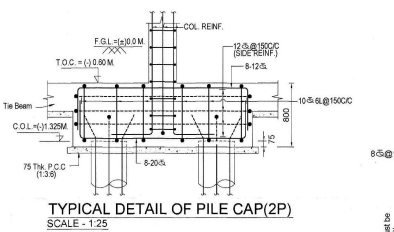
SECTION C-C
SCALE - 1:25



SECTION B-B
SCALE - 1:25



SECTION A-A
(SCALE 1:20)



TYPICAL DETAIL OF PILE CAP (2P)
SCALE - 1:25

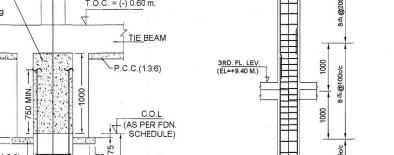
SCHEDULE OF COLUMN -		SIZE & REINFORCEMENT	
COL. NO.	NO. OF PILES	SIZE	REINFORCEMENT
A16, A18, B2, B22, K2, K2M, M1, O1, O4, O12, O13, O15, O16, O21	2	250x300	12-12S @ 150CC
C16, D16, E17, E20, F14, G4, G8, H11, I11, J12, K13, M10, M12, N1, N15, N12, N13, P4, P17, P13, P15, P16	3	250x300	12-12S @ 150CC
F11, M2	4	250x300	12-12S @ 150CC
LIFT WELL	7	250x300	12-12S @ 150CC
M15 & LIFT WELL	11	250x300	12-12S @ 150CC

GRADE OF CONC.	MIN. CONC. STRENGTH	MIN. CONC. STRENGTH	MIN. CONC. STRENGTH
1st Floor Lev.	25000	25000	25000
2nd Floor Lev. to End	25000	25000	25000
3rd Floor Lev. to End	25000	25000	25000

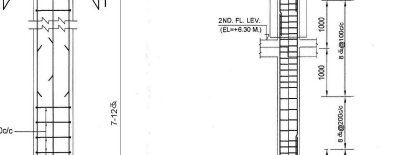
NOTE: For Spacing of Ties & Links Refer Long Section Through Column.



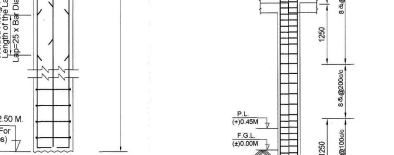
DETAIL Q
(SCALE 1:20)



Typical Detail of Pile



Section 1-1
SCALE: 1:30



Long Section Through Column
SCALE: 1:50

OFFICE USE ONLY

FOUNDATION LAYOUT PLAN, TYP. DETAIL OF PILE & PILE CAP, LONG SECTION THROUGH COLUMN, SECTION & SCHEDULES.

NOTES:

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
2. THE COL. SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS.
3. PILES TO BE TESTED AT SITE AS PER SITE CONDITIONS AND TO BE CONSIDERED AS 10% W. LEVEL.
4. GRADE OF CONCRETE TO BE AS PER ARCHITECTURAL DRAWINGS.
5. CONCRETE TO BE CASTED IN PLACE.
6. AS RECOMMENDED IN THE SOIL TEST REPORT, SAFE VERTICAL LOAD CAPACITY OF PILE IS 3000 KN. FOR PILES TO BE TESTED AT SITE, THE PROVISIONAL LOAD TEST ON TEST PILE AS PER IS 8911 (PART 1) SHALL BE MADE AT THE TEST SITE FOR ESTIMATION OF SOIL BEHAVIOUR. FOR FURTHER TECHNICAL REVIEW OF THE FOUNDATION, REFER TO ARCHITECT.
7. CARE SHALL BE TAKEN WHILE LAYING OF THE REINFORCING BARS TO THE PILE SUCH THAT PROPER ALIGNMENT OF BARS IS MAINTAINED. REINFORCING BARS TO BE WELDED TOGETHER. WELDED JOINTS SHALL NOT BE LESS THAN 10 TIMES THE DIA. OF BARS AND ONLY WELDED JOINTS SHALL BE USED FOR WELDING.
8. CONCRETE BELOW WATER TO BE DONE BY USING TRIPLE CEMENT CONTENT FORMS GRADE OF CONCRETE TO BE AS PER ARCHITECTURAL DRAWINGS. CURTAINMENT BELOW WATER TO BE DONE BY USING TRIPLE CEMENT CONTENT FORMS GRADE OF CONCRETE TO BE AS PER ARCHITECTURAL DRAWINGS. CURTAINMENT BELOW WATER TO BE DONE BY USING TRIPLE CEMENT CONTENT FORMS GRADE OF CONCRETE TO BE AS PER ARCHITECTURAL DRAWINGS.
9. PILES TO BE TESTED AT SITE AS PER SITE CONDITIONS AND TO BE CONSIDERED AS 10% W. LEVEL.
10. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
11. BEFORE CASTING FOR PILES SHALL BE WASHED PROPERLY BY PUMP OF SUFFICIENT CAPACITY & SPECIFIC GRAVITY OF THE WASHING WATER SHALL BE MAINTAINED AT 1.50 TO 1.75 BEFORE CASTING OF PILE.
12. FOR ANY OTHER REQUIREMENT NOT STATED IN THESE DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS.

OWNERS DECLARATION

I/WE DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I / WE SHALL ENJOY THE BENEFIT OF THE BUILDING CONSTRUCTION. I / WE SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING. I / WE SHALL BE RESPONSIBLE FOR THE STABILITY OF THE BUILDING & ANY DAMAGE TO THE ADJACENT STRUCTURES, IF ANY, WHILE PILING & UNDER GROUND CONSTRUCTION.

FOR: **AVITRIMOY CONSTRUCTIONS**
Prateek / Authorized Signatory

DECLARATION OF E.S.E.

THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOADS. I AM SAFE AND STABLE IN ALL RESPECTS. BOTH DESIGN HAS BEEN DONE BY B. NATH OF PEG ENGINEERS & ASSOCIATES, 239, NETAJI PARK, KOLKATA-700008. THE RECOMMENDATION OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

SNEHASHIS SINHA
B.E. (CIVIL), M.E. (S&I), P.E. (M.C.C.)
Classified Engineer (I)
REG. NO. M.C.C. 1777
Signature of Structural Engineer
SNEHASHIS SINHA (ESE - 1777)

L.B.S. DECLARATION

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISIONS OF ALL BUILDING RULES 2008 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE EXISTING FOUNDATION CONSTRUCTION WITH THE PLAN WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP AREA. THE FOUNDATION CONSTRUCTION OF BOUNDARY WALL, THE CONSTRUCTION OF U.G.R. & SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

SNEHASHIS SINHA
L.B.S., Class - I, K. M. C.
License No - 505 (I)

Signature of L.B.S.
SNEHASHIS SINHA (LBS - 505(I))

PROPOSED (G+3) RESIDENTIAL BUILDING AT PREMISES NO. -91/28, MOTILAL GUPTA ROAD, WARD NO-122, KOL-700008, UG 393(A)

CONSULTANT:
SINHA & ASSOCIATES
ENGINEERS & ARCHITECTS
157 SINHA BHAIRAV ROAD, KOL-700038
Ph No. - 242 438 0771
E-mail - sinha@saecol.com

DRG. NO. : S&A / 9128, MGR / SANC/ ST- 01