SCHEDULE OF COLUMN (Fe-500, M=25)

GROUP MKD.	COLUMN MKD.	SIZE OF COLUMN WITH REINFORCEMENTS (MAIN BAR & LINKS)	C/S OF COLUMN	LINKS DETAILS
1	(ALL COLUMN)	SIZE : (250X500) MAIN BAR: 4-20Ø + 6-16Ø LINKS: 2L 8 Ø STIRRUPS (2NO)	0.250 / 0.500	NEAR JUNCTION (UPTO 3Ø) LENGTH 8 @75C/C (2 NOS. CLOSED LINK PER SET) AT BEST PORTION LINKS: 8 @150C/C (2 NOS. CLOSED LINK PER SET)

SCHEDULE OF BEAM (Fe-500, M=25)

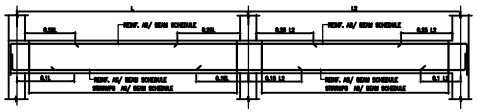
BEAM MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B1	250X450	3-16T (A.T)	3-16T (A.T)	2L - 8T @75 C/C	3-16T (A.T)	3-16T (A.T)	2L - 8T @150 C/C

SCHEDULE OF PILE CAP (Fe-500, M=25)

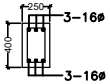
PILE CAP MKD.	PILE CAP SIZE (mm)	NO OF PILE	DEPTH OF PILE CAP (mm)	REINFORCEMENT				SHEAR REINF.
				BOT. REINF. (SHORT)	BOT. REINF. (LONG)	TOP REINF. (SHORT)	TOP REINF. (LONG)	
PC-1	AS DISPLAYED		900	16T @ 125 C/C	16T @ 125 C/C	16T @ 125 C/C	12T @ 125 C/C	2L-12T @ 125 C/C

SCHEDULE OF SLAB (Fe-500, M=25)

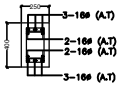
SLAB MKD.	THICK. (mm.)	SHORT SPAN REINFORCEMENT DETAILS		LONG SPAN REINFORCEMENT DETAILS	
		SPAN	SUPPORT	SPAN	SUPPORT
S1	125	8T @150 C/C (BOTTOM)	8T @150 C/C(EXTRA TOP) 8T @300 C/C (BOTTOM)	8T @150 C/C (BOTTOM)	8T @150 C/C(EXTRA TOP) 8T @300 C/C (BOTTOM)
S1A	125	8T @ 150 C/C +10T @150C/C (ALT)(TOP) 8T @150 C/C (BOTTOM)		8T @150 C/C (TOP & BOTTOM)	



TYPICAL DETAILS OF BEAM
(REINFORCEMENT CURTAILMENT)
SCALE: 1:25
*** 0.15 L SHOULD NOT BE LESS THAN Ld WHERE, Ld =50XDia.OF BARS.



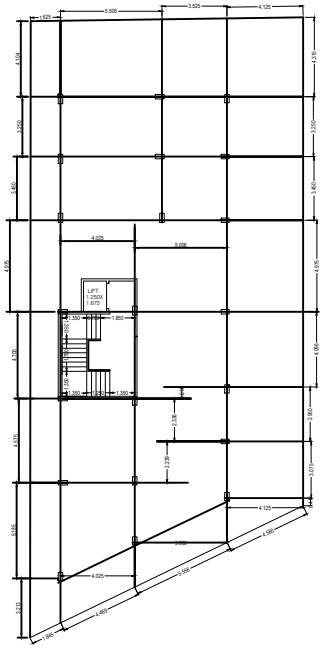
TYPICAL CROSS-SECTIONAL DETAILS OF T.B.
SCALE = 1:25

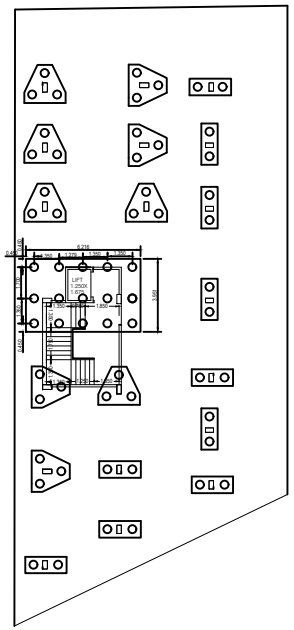


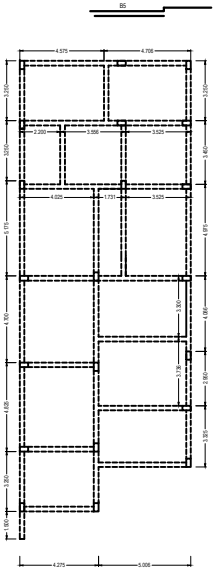
TYPICAL CROSS-SECTIONAL DETAILS OF T.B.-1
SCALE = 1:25

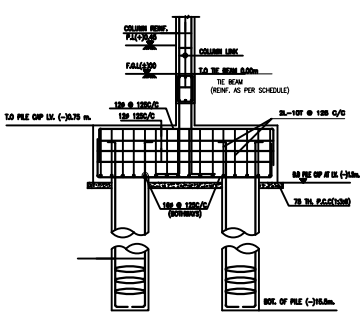
DETAILS OF PILE CAP MKD. AS PC1
(SCALE=1:50)

DETAILS OF PILE CAP MKD. AS PC2
(SCALE=1:50)

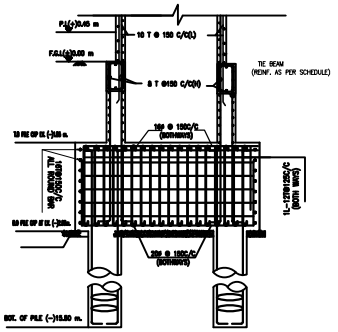




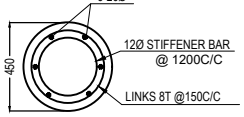




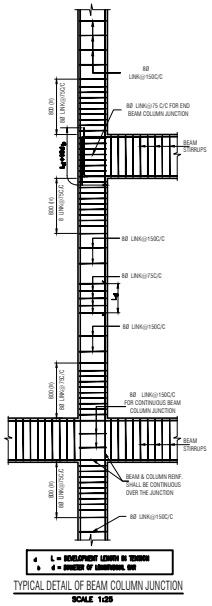
TYPICAL SECTIONAL DETAILS OF PILE CAP (PC1)
SCALE=1:25



TYPICAL SECTIONAL DETAILS OF PILE CAP (PC4)
SCALE=1:25



TYP. C/S DETAILS OF PILE (DIA.= 450 MM)



TYPICAL DETAIL OF BEAM COLUMN JUNCTION
SCALE 1:25

SPECIFICATION :
1) ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
2) GRADE OF CONCRETE - M25
3) GRADE OF STEEL - H.Y.S.D. (Fe 500)

SIGNATURE OF OWNER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISION OF NEW TOWN DEVELOPMENT AUTHORITY ACT (BUILDING RULES) i.e. FOR THE PROJECTS WITHIN NEW TOWN KOLKATA PLANNING AREA RAJARHAT. NO SUCH WRONG & INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING & NO VIOLATION OF THE PROVISION OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS & DOCUMENTS SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGNATURE OF L.B.S

CERTIFICATE OF ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT , AS PER THESE RULES AND THE REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS,SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGNATURE OF ENGINEER

TITLE :

STRUCTURAL PLAN OF RESIDENTIAL BUILDING PLAN AT PART OF R. S. & L. R. DAG NO - 345, OF MOUZA - MAHISHBATHAN, L. R. KHATIAN NO - 1748, J. L. NO - 18, R.S. NO - 203, WARD NO - 28, OF MAHISHBATHAN CHARAKTALA, HOLDING NO - , UNDER BIDHAN NAGAR MUNICIPAL CORPORATION, P. S. - BIDHANNAGAR, DIST - 24 PGNS(N)