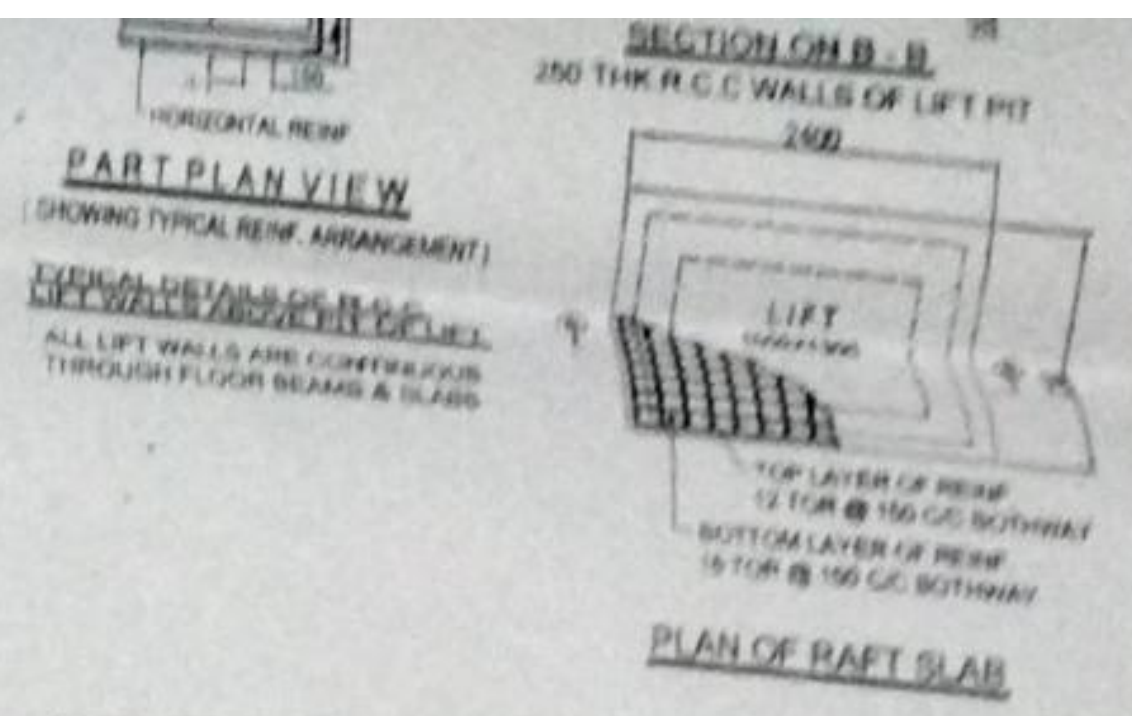


HORIZONTAL BARS: 10 TOR @ 200 C/C IN STAGGERED WAY, ON BOTH FACES.

TYPICAL REINFORCEMENTS FOR 125 THK R.C.C WALLS OF LIFT WELL ABOVE PLINTH LEVEL.

- VERTICAL BARS: 10 TOR @ 150 C/C IN STAGGERED WAY, ON BOTH FACES.
- HORIZONTAL BARS: 8 TOR @ 200 C/C IN STAGGERED WAY, ON BOTH FACES.



SCHEDULE OF R.C.C FLOOR SLABS

SLAB PANEL MKD.	NOTES	OVERALL THICKNESS	REINFORCEMENT FOR MAIN SPAN				REINFORCEMENT FOR DISTRIBUTION SPAN				
			AT BOTTOM		AT TOP		AT BOTTOM		AT TOP		
			MID SPAN	SUPPORT	AT CONTI. SUPPORT	AT DISCONTI. SUPPORT	MID SPAN	SUPPORT	AT CONTI. SUPPORT	AT DISCONTI. SUPPORT	
S1	THICKER	125 MM.	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C	8# @ 125 C/C
S2	GENERAL	100 MM.	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C	8# @ 150 C/C
S3	CANTI.	100 MM.	AT TOP 8# @ 150 C/C AT BOTTOM 8# @ 300 C/C				AT TOP 8# @ 150 C/C AT BOTTOM 8# @ 300 C/C				

SCHEDULE OF R.C.C FLOOR BEAMS

BEAM MKD.	SECTIONS		HORIZONTAL REINF. BARS				STIRRUPS		
	WIDTH	DEPTH (WITH SLAB)	CONTINUOUS BARS		EXTRA TOP BARS		EXTRA AT BOT. AT MID SPAN	NEAR SUPPORT	MID SPAN
			TOP	BOTTOM	AT CONTINUOUS SUPPORT	AT END SUPPORT			
B1	250	450	3NOS. 16#	3NOS. 16#	2NOS. 16#	2NOS. 16#	2NOS. 16#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C
B2	250	400	2NOS. 16#	2NOS. 16#	2NOS. 16#	2NOS. 16#	2NOS. 16#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C
B3	250	450	2NOS. 20#	2NOS. 16#	2NOS. 16#	2NOS. 16#	2NOS. 16#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C
B4	250	400	2NOS. 16#	2NOS. 16#	1NO. 16#	1NO. 16#	2NOS. 12#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C
B4	250	350	2NOS. 16#	2NOS. 16#	1NO. 16#	1NO. 16#	1NO. 16#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C
B5	250	300	2NOS. 16#	2NOS. 16#	1NO. 16#	1NO. 16#	1NO. 12#	8# 2-L @ 150 C/C @ 200 C/C	8# 2-L @ 175 C/C

STRUCTURAL PLAN OF PROPOSED G+3 STORED RESIDENTIAL BUILDING OF CHATTERJEE CONSTRUCTION AT MOUZA - SONARPUR, J.L NO. - 39, R.S DAG NO. - 1532, R.S KHATIAN NO. - 496, HOLDING NO. - 186 RADHAGOBINDAPALLY, WARD NO. - 12, UNDER RAJPUR - SONARPUR MUNICIPALITY, P.S - SONARPUR, DIST. - SOUTH 24 PARGANAS, KOL. - 150.

GENERAL NOTES AND SPECIFICATIONS:

- UNLESS OTHERWISE MENTIONED ALL DIMENSIONS ARE IN MILLIMETRES.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWING.
- ALL R.C.C WORK WILL BE WITH REINFORCEMENT BARS OF Fe415 (TOR STEEL) CATEGORY.
- ALL R.C.C WORK WILL BE M-20 GRADE IN 1:1.5:3 MIX.
- PROPER ANCHORAGES AND DEVELOPMENT LENGTHS WILL BE PROVIDED TO REINFORCEMENT BARS WHERE REQUIRED.
- NECESSARY CLEAR CONCRETE COVERS TO REINFORCEMENT BARS WILL BE PROVIDED AS PER N.B CODES.

STRUCTURAL SAFETY CERTIFICATE:

CERTIFIED THAT FOUNDATIONS AND SUPERSTRUCTURES OF THIS PROPOSED G+3 STORED BUILDING HAVE BEEN SO DESIGNED BY ME AS TO BE SAFE AND STABLE UNDER ALL PROBABLE LOAD CONDITIONS INCLUDING SEISMIC LOAD AS PER N.B.C OF INDIA.

SIGNATURE OF OWNER: *[Signature]*

SIGNATURE OF GEOTECH: *[Signature]*

SIGNATURE OF E.S.E.: *[Signature]*

SREJAN
CIVIL ENGINEERS AND CONSULTANT

DESHBANDHUPARA, SONARPUR, J.L. NO. 39, R.S. DAG NO. 1532, R.S. KHATIAN NO. 496, HOLDING NO. 186, RADHAGOBINDAPALLY, WARD NO. 12, RAJPUR - SONARPUR MUNICIPALITY, P.S. SONARPUR, DIST. SOUTH 24 PARGANAS, KOL. - 150.

CORRECTED
E.S.E. LIC NO. 677
DATE: _____



Fit Chakraborty
EMERGED STRUCTURAL ENGINEER
ESE KOLKATA MUNICIPAL CORPORATION
LIC NO. 578
ESE RAJPUR SONARPUR MUNICIPALITY
LIC NO. 95

REFERENCE NO. - 09/2020/REV.02/12/2020
DRAWING NO. - 419/SR/336

SIGNATURE OF E.S.E. _____

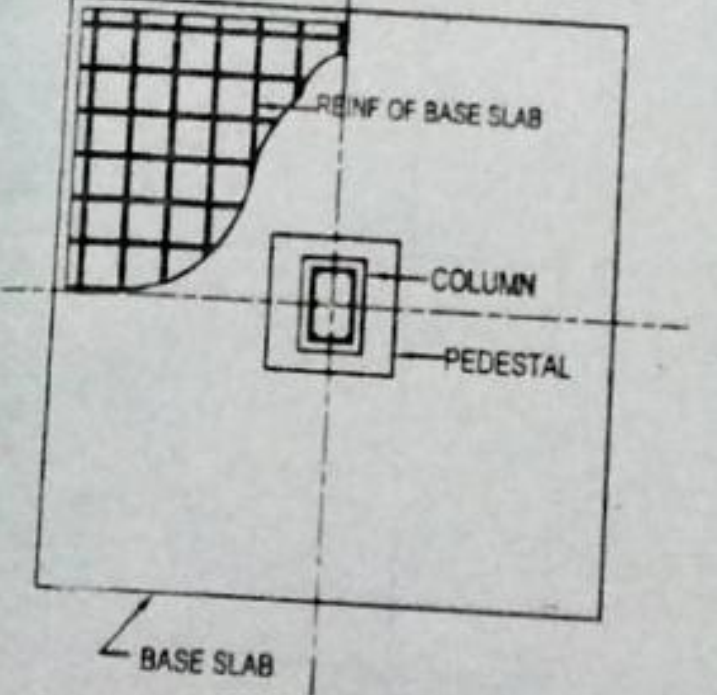
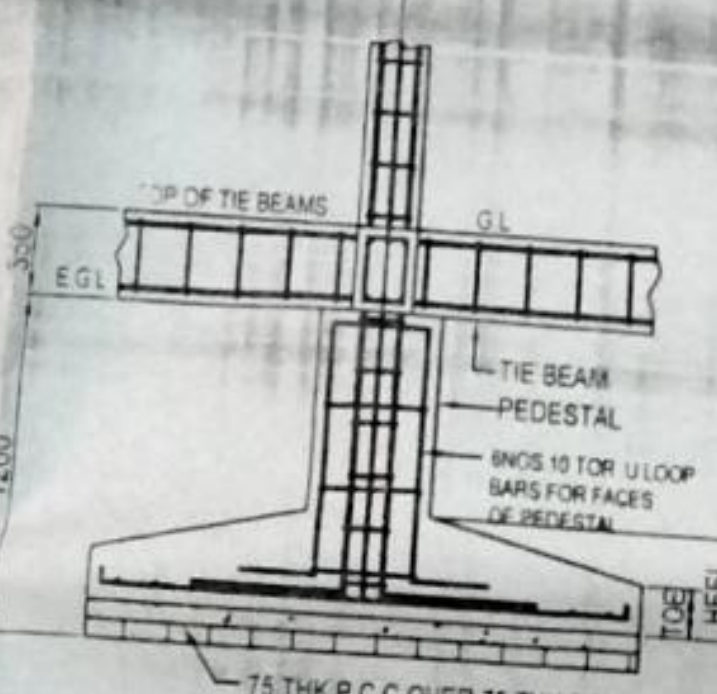
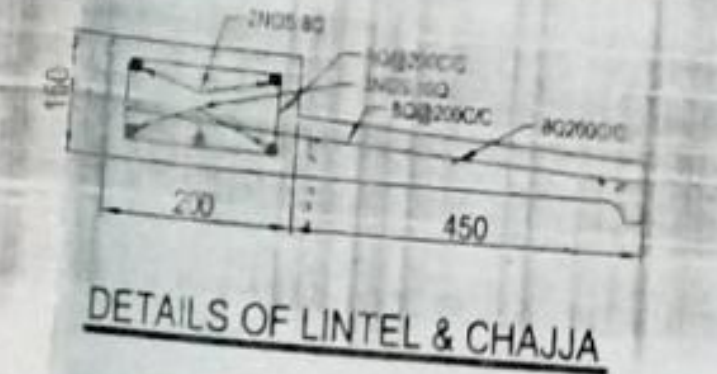
SCALES: 1:100, 1:50, 1:25, 1:10.
DRAWING SHEET NO.2 OF 2 - STRUCTURAL
FOR ARCHITECTURAL SEE DRG. SHEET NO. - 1 OF 2.



OFFICE USE ONLY:

Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 152/CB/12/08 Dated On: 07/01/2024 for record of the Rajpur Sonarpur Municipality. No verification No. deviation from the submitted structural plan would be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form. Necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during construction.

[Signature]
05/01/2024
Sig. of Assistant Engineer,
In-charge P.W.D.
RAJPUR-SONARPUR MUNICIPALITY



COLUMNS AND FLOOR BEAMS