

**COLUMN SCHEDULE**

GRADE OF CONCRETE - M25

2nd FLOOR TO ROOF LVL	12-16 TOR	6-16+4-12 TOR	6-20+6-16 TOR	6-20+4-16 TOR	6-16+6-12 TOR	6-16+6-12 TOR	
FOUNDATION TO 2nd FLOOR	12-16 TOR	10-16 TOR	12-28 TOR	10-28 TOR	12-16 TOR	12-16 TOR	
COL SIZE	300X450	300X450	300X450	300X450	300X500	300X450	
LINK	8T @100C/C UP TO 750 FROM BEAM SOFFIT & SLAB TOP & REST PORTION 8T @200C/C						
COL MARKED	C1, C3, C8, C11, C12, C17, C18, C19, C20, C21, C22, C25, C26, C27, C28, C29, C32, C34, C35, C38, C40, C41, C42, C48, C45, C49, C50, C46, C47, C52, C53, C54, C57, C60, C61, C62, C64, C65, C66, C10, C15, C18C39.	C2, C13, C14, C63, C51	C7, C8, C13, C58, C59, C51	C30, C31, C36, C37, C43, C44, C55, C56	C23	C4, C5, C8, C24, C33	

**BEAM SCHEDULE**

GRADE OF CONCRETE - M25

BEAM MKD.	BEAM SIZE		REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250	500	4-16 T	3-16 T	4-16 T	3-16 T	8 T @100C/C	5 T @200C/C
B2	250	500	3-20 T	2-16 T	3-20 T	2-16 T	8 T @100C/C	8 T @200C/C
B3, B4	250	500	2-16 T	2-16 T	2-16 T	4-16 T	8 T @100C/C	8 T @200C/C
B5	250	500	3-20 T	2-20 T	3-20 T	2-20 T	8 T @100C/C	8 T @200C/C
B6	200	500	2-16 T	2-16 T	2-16 T	2-16 T	8 T @100C/C	8 T @200C/C

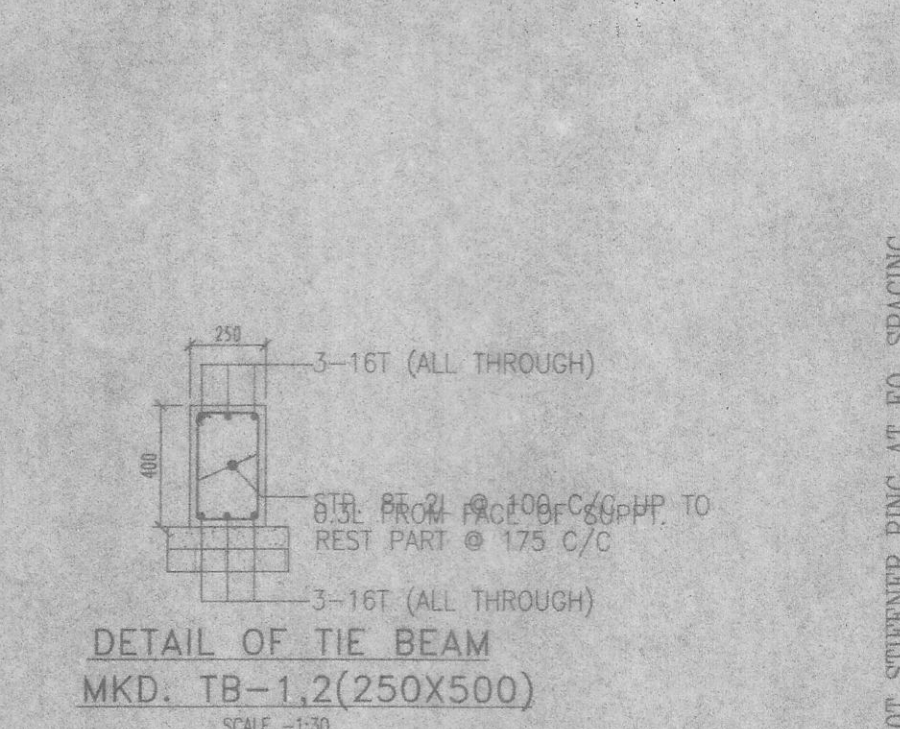
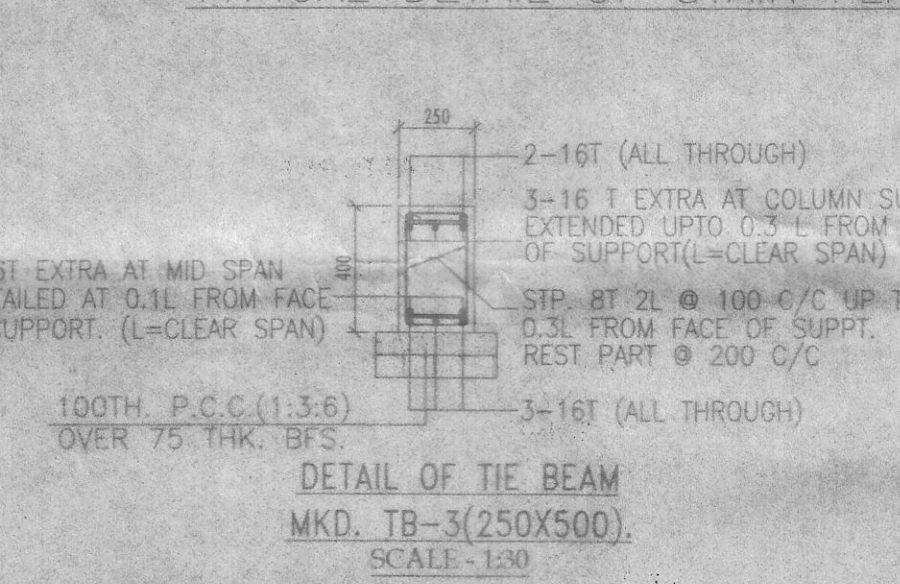
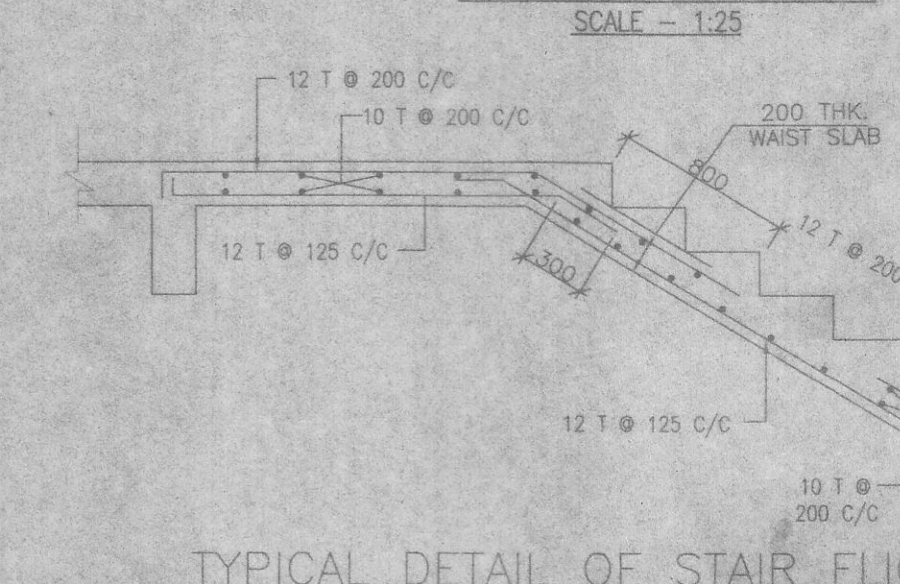
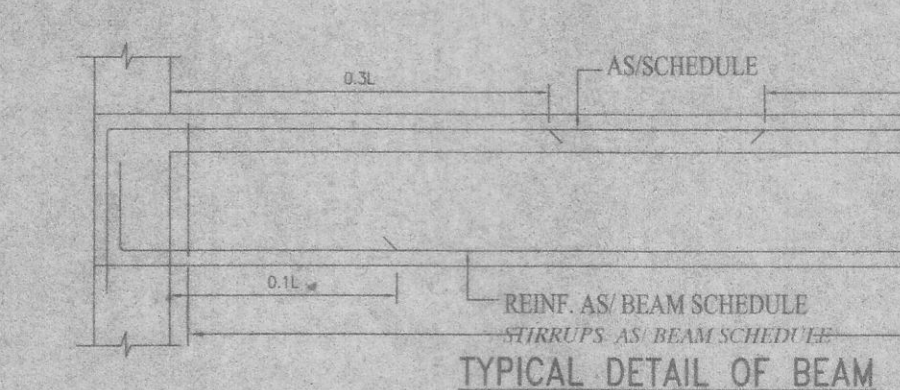
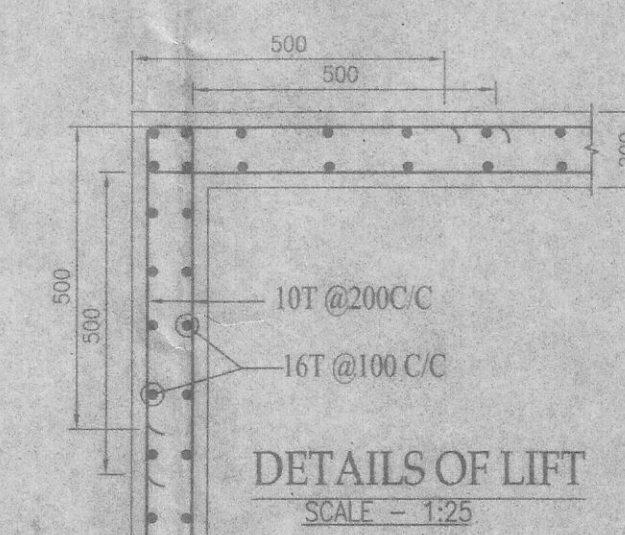
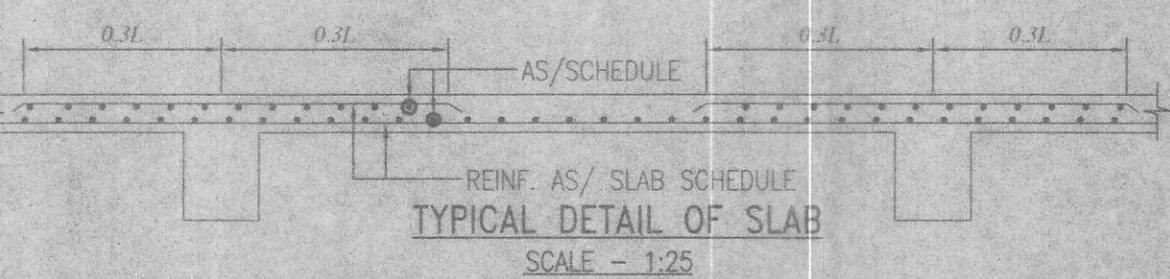
**PILE CAP SCHEDULE**

GRADE OF CONCRETE - M25

TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION		REINFORCEMENT IN LONGER DIRECTION	
			REINFORCEMENT	SPACING	REINFORCEMENT	SPACING
2P	800X2300	750	12 @200 C/C (T)	16 @100 C/C (B)	4L-10 @ 150 C/C	
3P	AS SOWN	750	12 @200 C/C (T)	16 @100 C/C (B)	12 @200 C/C (T)	18 @100 C/C (B)
6P	2300X3800	1000	18 @100 C/C (T)	16 @100 C/C (B)	16 @100 C/C (T)	18 @100 C/C (B)
8P	3300X3300	1200	16 @100 C/C (T)	16 @100 C/C (B)	16 @100 C/C (T)	16 @100 C/C (B)

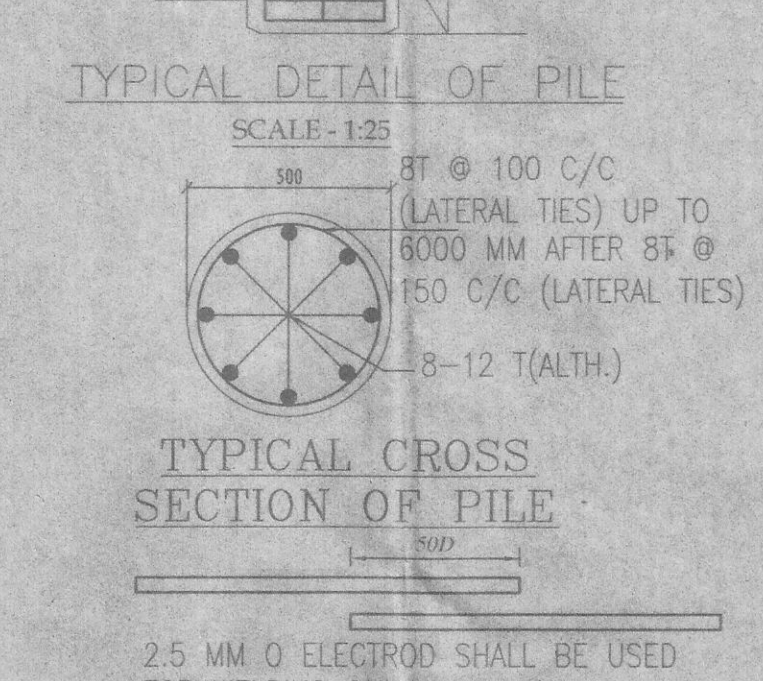
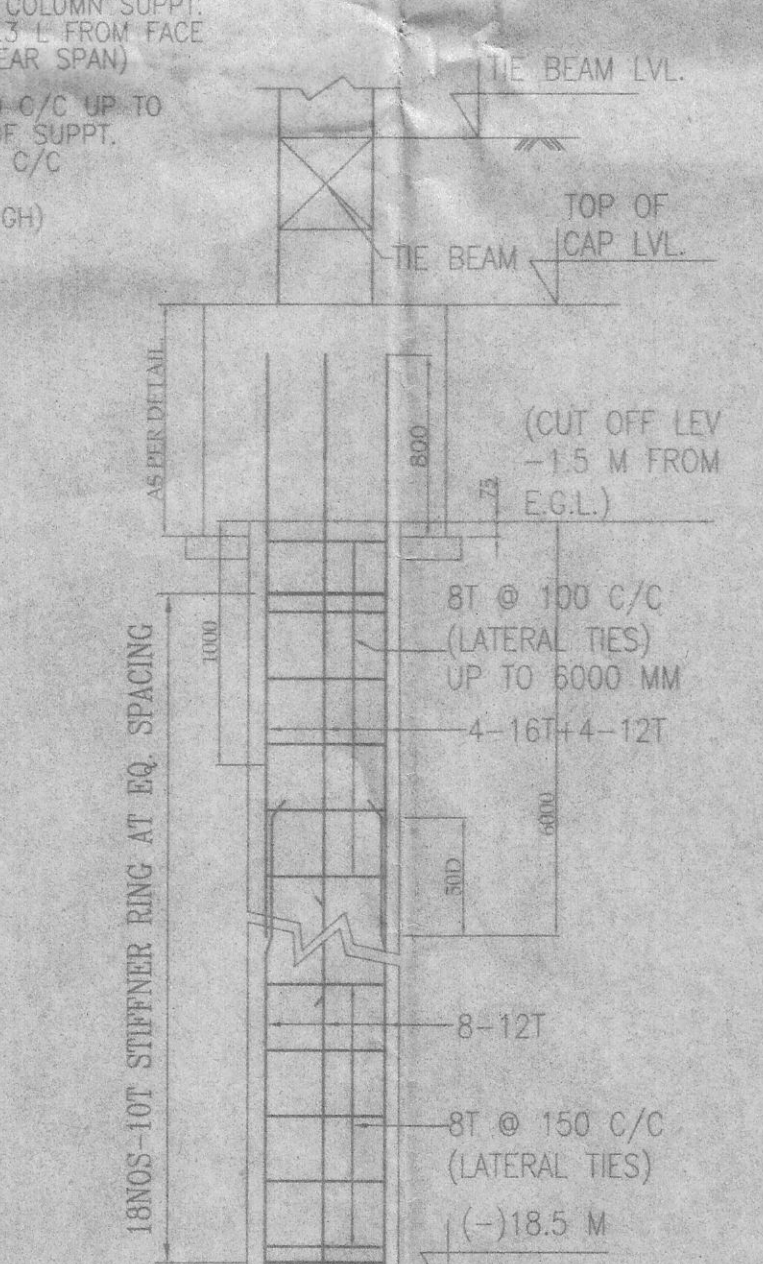
**SCHEDULE OF FLOOR AND ROOF SLAB**

PANEL MKD.	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
S1 (125 TK.)	8 TOR @125 C/C(Top) 8 TOR @150 C/C(Bot.)	8 TOR @150 C/C(Top) 8 TOR @175 C/C(Bot.)
S2 (115 TK.)	8 TOR @150 C/C(Top) 8 TOR @175 C/C(Bot.)	8 TOR @150 C/C(Top) 8 TOR @150 C/C(Bot.)



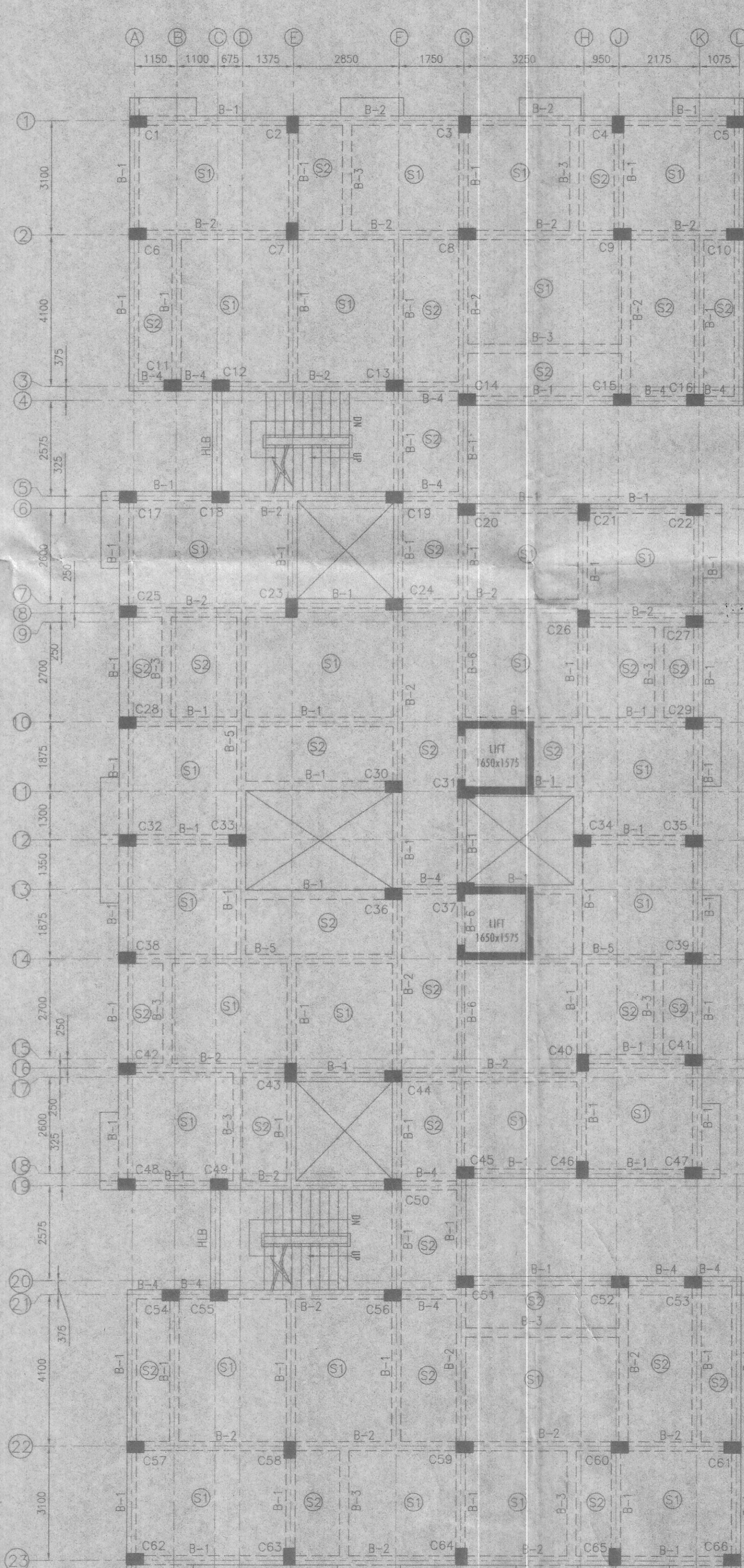
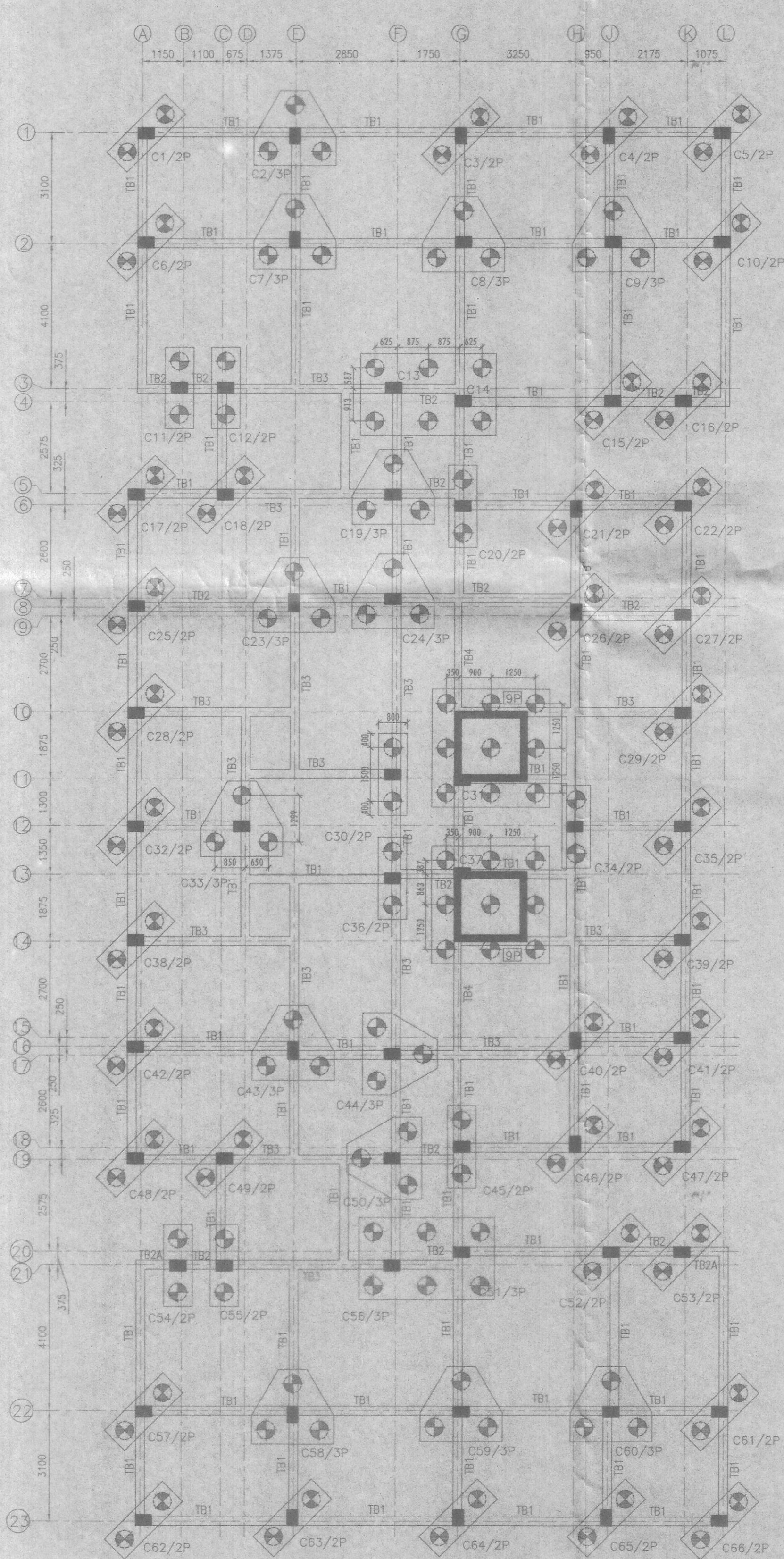
- NOTES AND SPECIFICATION**
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
  - ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING WORK.
  - SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS.
  - THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT DRAWINGS.
  - ALL GRADE OF CONCRETE : M25, UNLESS OTHERWISE NOTED.
  - ALL MATERIALS SHALL CONFORM TO RELEVANT IS CODES.
  - FOR STEEL GRADE : Fe 500 AS PER IS 1786-2008.
  - ALL DISTRIBUTION BARS ARE @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
  - ALL SPACER BARS ARE 25T @ 300 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
  - LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS DIAMETER OF BAR.
  - FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
  - MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
 

MEMBER	TOP	BOTTOM	SIDE
a. PILE			
b. PILE CAP			
c. COLUMN			
d. FLOOR BEAM			
e. FLOOR SLAB			
  - SPECIFIC GRAVITY OF THE BENTONITE SHALL BE MAINTAINED AT 1.1 TO 1.2 BEFORE CASTING OF PILE.



MIN CEMENT CONTENT IN CONCRETE SHALL BE = 400Kg / m<sup>3</sup>

TYPE	DIA OF PILE	CUT-OF LEV.	REINFORCEMENT	CAPACITY
○	450	(-)1.5M	8-12 TOR	42.2T



PROJECT: PROPOSED G+IV STORED RESIDENTIAL BUILDING AT MOUZA-PASCHIM BARISHA, J.L. NO-119, LR DAG.NO - 2122, L.R KHATAN NO 9723, 9722, 9728, 9666, 9889, 9665, 9667, 9668, 9725, 9724, 9890, 7424, 9726 & 9727 P.S-THAKURPUKUR, DIST-24 PGS(S), UNDER ASHUTI GRAM PANCHAYET 2 COMPLYING SOUTH TWENTY FOUR PARGANAS BUILDING RULES SUPPLEMENT TO BUILDING PLAN VIDE MEMO NO. 1367/ZP/ENGG/PP/22 DATED 28.07.22 OF THE DISTRICT ENGINEER, SOUTH 24 PGS ZILLA PARISAD AND FURTHER VIDE MEMO NO. 711/1 (2)/PS DATED 27.09.22 OF EXECUTIVE OFFICER, THAKURPUKUR MAHASTALA PANCHAYET SAMITY, 24PGS(S).

**DECLARATION OF ARCHITECT.**  
CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF SOUTH 24 PGS BUILDING RULES, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE SITE IS FULLY OCCUPIED BY THE OWNER.

AR. PALLAB KUMAR GIRI  
C.No. 16/9528  
SIG. OF THE ARCHITECT.

**DECLARATION OF STRUCTURAL ENGINEER.**  
THE STRUCTURE DESIGN AND DRAWING OF THE BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER N.B.C. OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT. SOIL TESTING REPORT HAS BEEN DONE BY \_\_\_\_\_ OF \_\_\_\_\_ FROM \_\_\_\_\_ HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS. THE BUILDING IS STRUCTURALLY SAFE FOR G+4 STOREY AND FOR ALL SITUATIONS INCLUDING NATURAL DISASTERS. AS APPLICABLE. AS STIPULATED UNDER PART 6 STRUCTURAL DESIGN OF THE NATIONAL BUILDING CODE OF INDIA AND OTHER RELEVANT CODES.

MS. MITA SAHA  
M.I.E., M.E. (Struct), C.E.  
K.M.C., ESE-92 (1)  
SIG. OF THE STRUCTURAL ENGINEER.

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE ARCHITECT DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF ARCHITECT CONSTRUCTION OF THE BUILDING. SOUTH 24 PGS ZILLA PARISAD AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING BUILDINGS. IF ANY DISASTERS OCCUR, I WILL BE RESPONSIBLE FOR THE SAME. I HAVE NOTED THAT THE ARCHITECT'S PLAN IS NOT AS PER THE SANCTIONED PLAN.

1. ANITA ROY  
2. DINESH PATEL  
3. AJAY SINGH BAID  
4. SUCHITRA CHONGDAR  
5. SURAJ NAHATA  
6. MANOJ KUMAR CHHALANI  
7. RAYANK BAID  
8. HAK BAID  
9. VINAY JAIN  
10. AKSHITA JAIN  
11. PALLABI CHHAJER  
12. HARSH CHHAJER  
13. SURAJ KUMAR CHHAJER  
14. MITA ROY CHHAJER

KLK Realty (OPC) PVT. LTD.  
Director  
SIGNATURE OF THE OWNER (S)  
APPROVAL:

PRINCIPAL ARCHITECT:  
**PALLABGIRI ARCHITECTURE**  
Kolkata | Bidhannagar | Durgam  
Contact: 9901141111, 9901141111, 9901141111  
Web: pallabgiri.com

STRUCTURAL CONSULTANT:  
**MAK ENGINEERS.**  
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Kolkata-700 091  
E-mail: mita.saha@shoo.co.in  
mita.saha@gmail.com  
Tel.: 033-2334 8969

**TITLE:**  
FOUNDATION LAYOUT PLAN, SCHEDULE OF CAP COLUMN, & TYPICAL DETAIL OF PILE, TOWER - 2

DRAWN BY	S.SANTRA
CHECKED BY	M.SAHA
APPROVED BY	
SCALE: 1:100	DATE: 07.08.2023
DRAWING NO.	REVISION NO.
STR12	