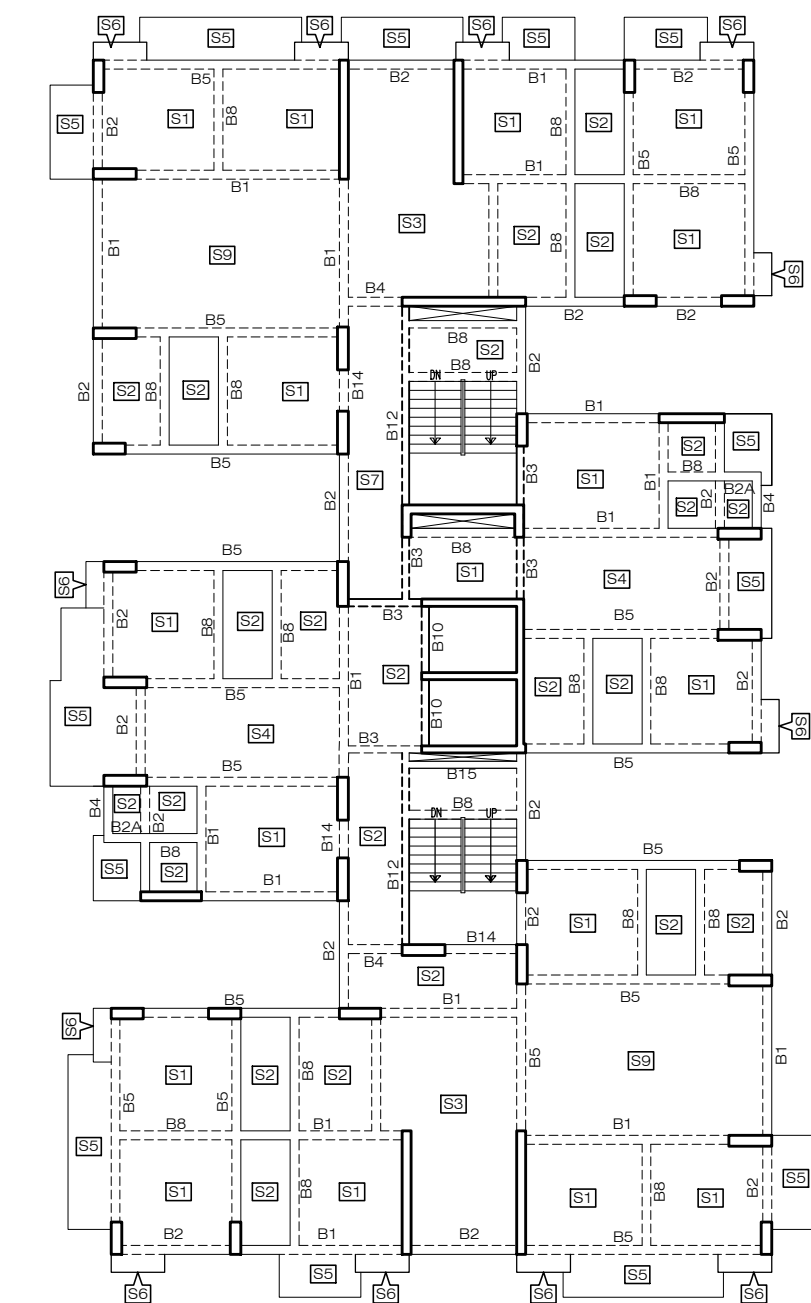
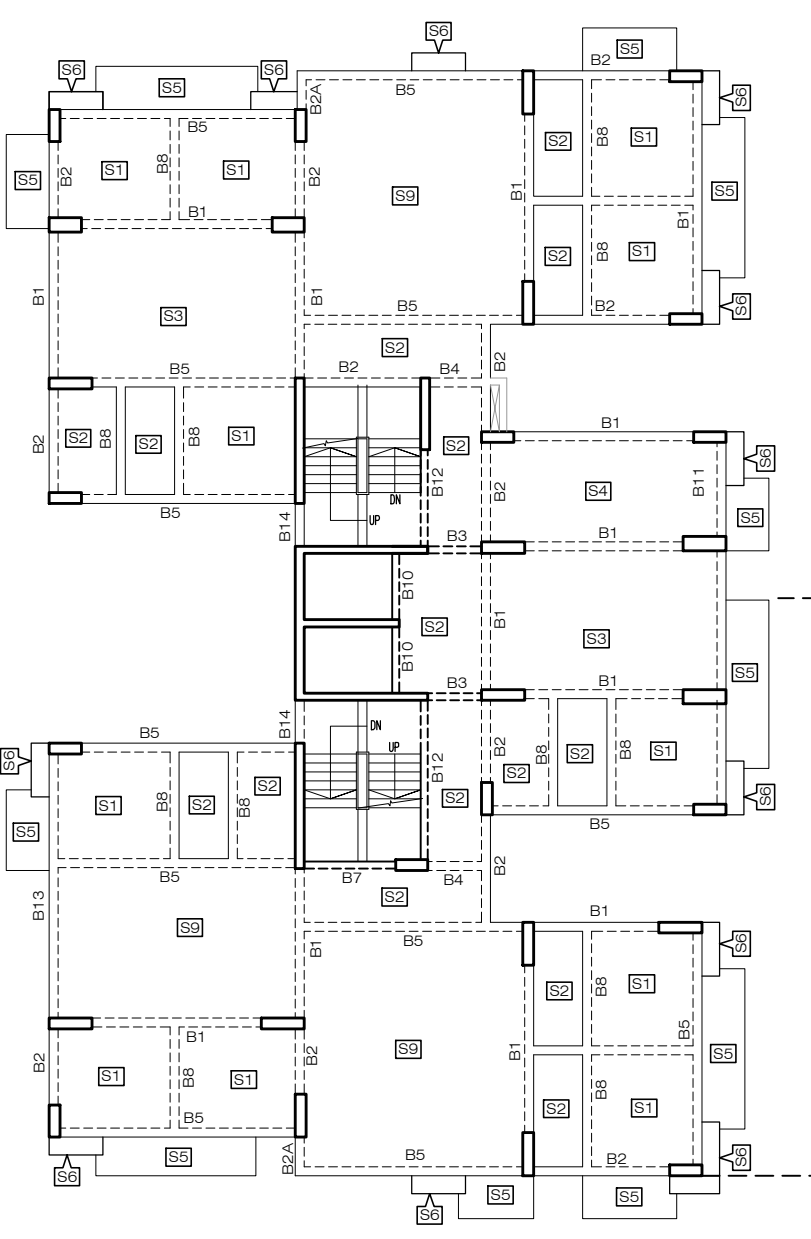
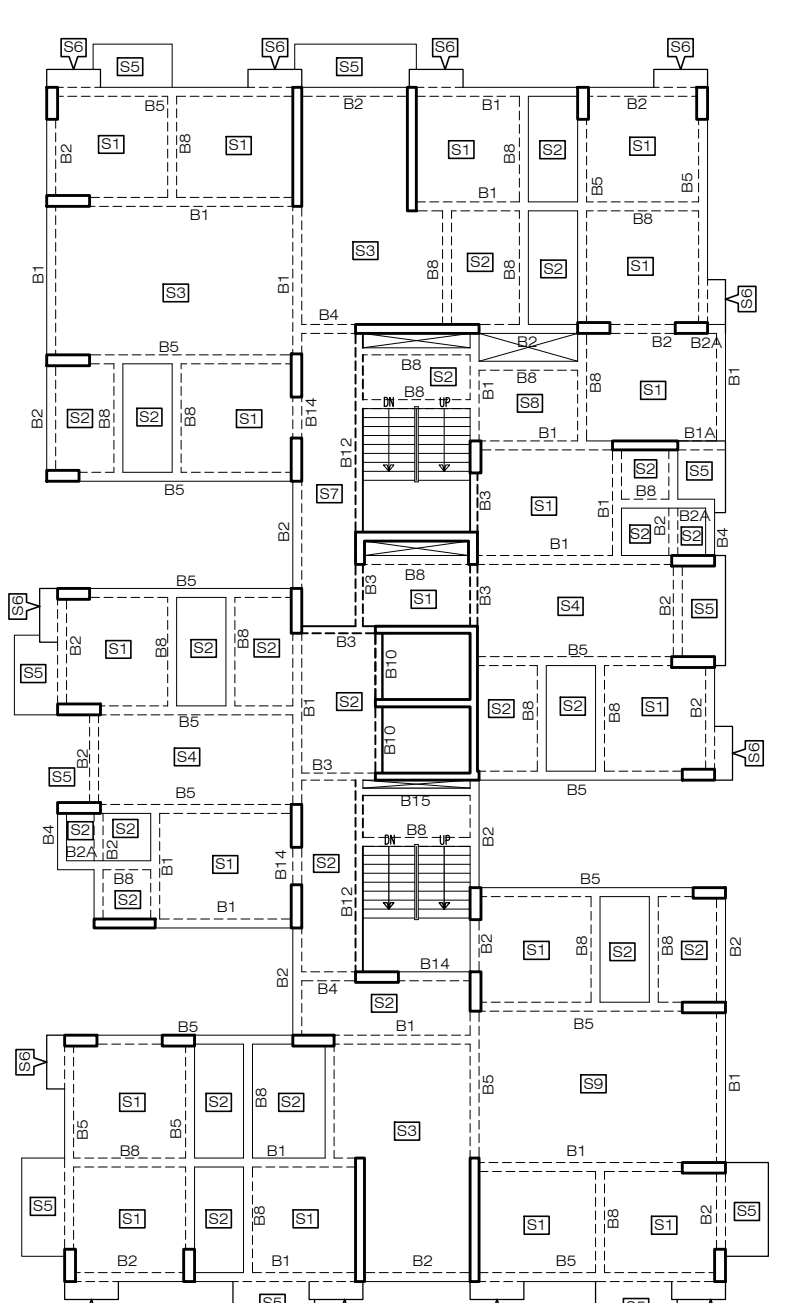




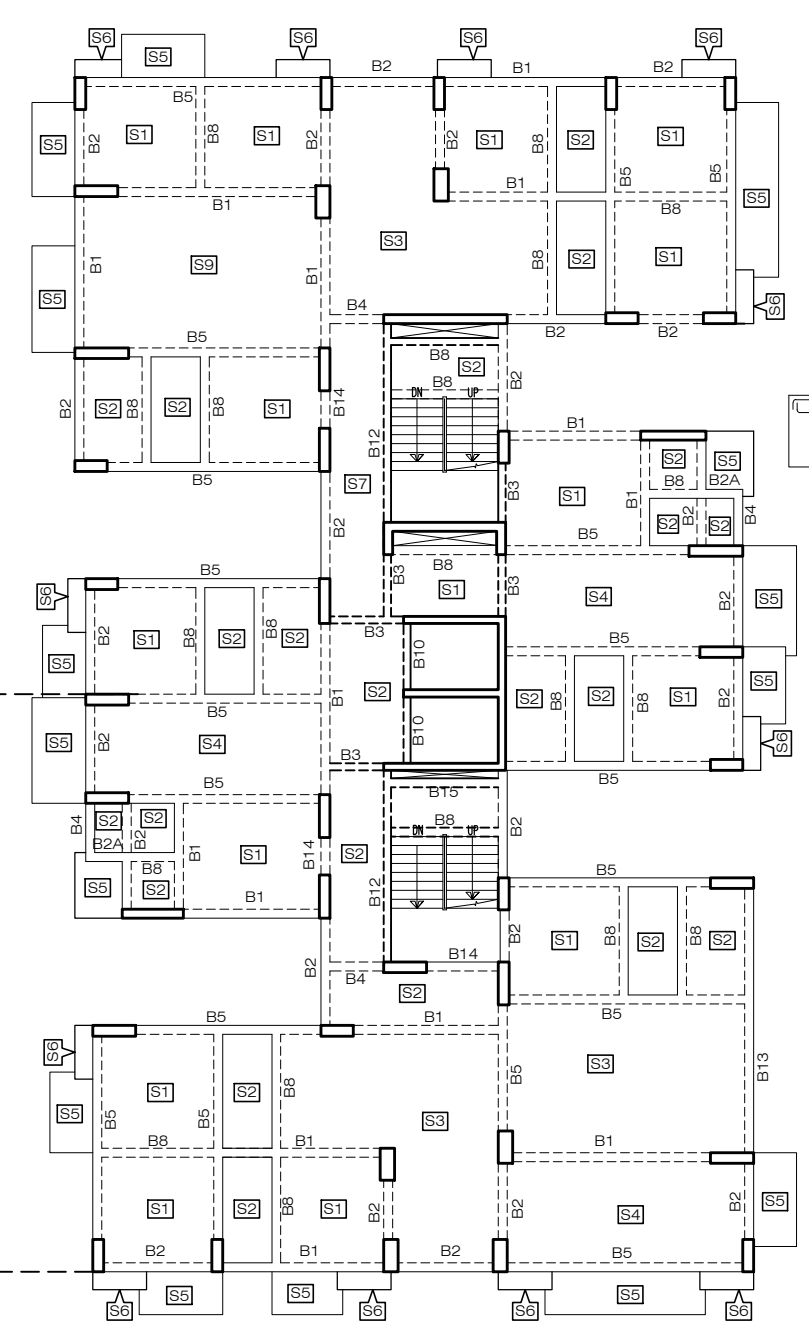
(1ST. TO 7TH & 9TH TO 10TH)
TOWER-3



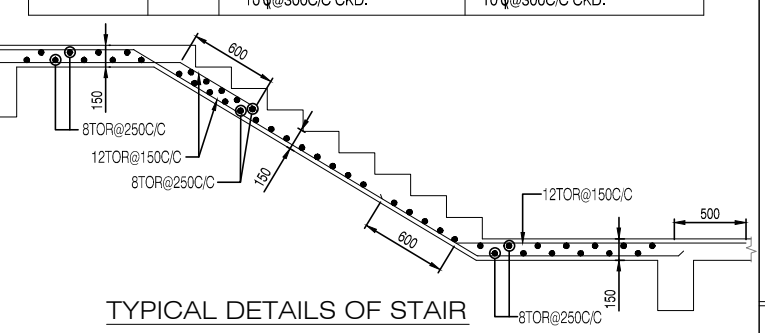
TYPICAL FLOOR PLAN (4TH. TO 6TH & 8TH TO 11TH)



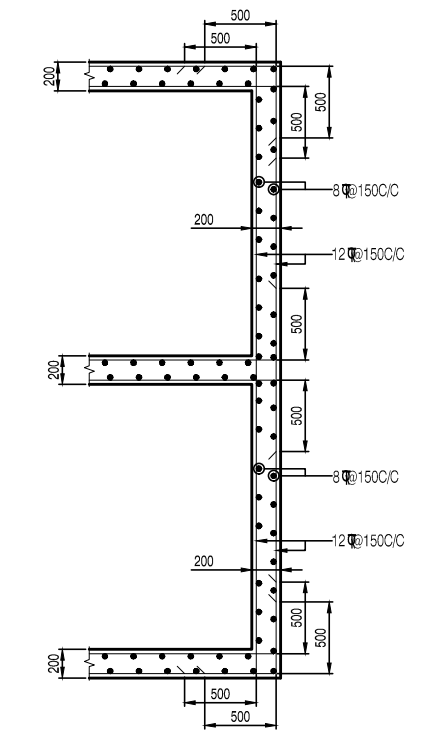
8TH FLOOR PLAN



OPEN TERRACE- III



TYPICAL DETAILS OF STAIR



TYPICAL DETAILS OF LIFT WALL

ALL FLOOR BEAM SCHEDULE (TOWER 1,2 & 3)									
GRADE OF CONCRETE - M25									
BEAM MKD	BEAM SIZE		REINFT. AT SUPPORT		REINFT. AT MID SPAN		STIRRUPS AT SUPPORT(0.3L)	STIRRUPS AT SPAN	
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM			
B1	250	600	5-20	2-20	2-20	3-20	2L-8Ø@1000C	2L-8Ø@1500C	
B1A	250	600	5-20	2-20	2-20	3-20	2L-8Ø@1000C	2L-8Ø@1000C	
B2	250	600	5-16	3-16	2-16	3-16	2L-8Ø@1000C	2L-8Ø@1500C	
B2A	250	600	5-16	3-16	2-16	3-16	2L-8Ø@1000C	2L-8Ø@1000C	
B3	200	600	5-20	3-20	2-20	3-20	2L-8Ø@1000C	2L-8Ø@1000C	
B4	250	600	5-20	3-20	2-20	3-20	2L-8Ø@1000C	2L-8Ø@1000C	
B5	250	600	6-20	3-20	3-20	6-20	2L-8Ø@1000C	2L-8Ø@1250C	
B6	250	600	3-16	3-16	3-16	3-16	2L-8Ø@1500C	2L-8Ø@1500C	
B7	250	600	5-16	3-16	2-16	3-16	2L-8Ø@1000C	2L-8Ø@1500C	
B8	250	600	2-16	2-16	2-16	2-16	2L-8Ø@2000C	2L-8Ø@2000C	
B9	250	600	3-16	3-16	3-16	3-16	2L-8Ø@1250C	2L-8Ø@1250C	
B10	200	600	3-16	3-16	3-16	3-16	2L-8Ø@1000C	2L-8Ø@1000C	
B11	500	600	6-20	6-20	6-20	6-20	4L-8Ø@1000C	4L-8Ø@1250C	
B12	200	600	5-16	3-16	2-16	6-16	2L-8Ø@1000C	2L-8Ø@1250C	
B13	250	600	6-20	3-20	3-20	6-20	2L-10Ø@1000C	2L-10Ø@1250C	
B14	250	600	3-16	3-16	3-16	3-16	2L-8Ø@1000C	2L-8Ø@1000C	
B15	250	600	2-16	2-16	2-16	2-16	2L-8Ø@2000C	2L-8Ø@2000C	
B16	250	600	3-16	3-16	3-16	3-16	2L-8Ø@1500C	2L-8Ø@1500C	
B17	500	600	5-20	5-20	5-20	5-20	4L-8Ø@1250C	4L-8Ø@1250C	
B18	250	600	3-20	3-20	3-20	3-20	2L-10Ø@1500C	2L-10Ø@1500C	
MB1	250	600	5-16	3-16	2-16	6-16	2L-8Ø@1000C	2L-8Ø@1250C	

ALL FLOOR SLAB SCHEDULE (TOWER 1,2 & 3)			
GRADE OF CONCRETE - M25			
SLAB MKD.	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	125	8Ø@3000/C ST. 8Ø@3000/C CKD.	8Ø@3000/C ST. 8Ø@3000/C CKD.
S2	125	8Ø@4000/C ST. 8Ø@4000/C CKD.	8Ø@4000/C ST. 8Ø@4000/C CKD.
S3	200	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S4	150	8Ø@3000/C ST. 8Ø@3000/C CKD.	8Ø@3000/C ST. 8Ø@3000/C CKD.
S5	150	10Ø@1250/C (TOP) 8Ø@2000/C (BOTTOM)	8Ø@2000/C (TOP) 8Ø@2000/C (BOTTOM)
S6	125	8Ø@4000/C ST. 8Ø@4000/C CKD.	8Ø@4000/C ST. 8Ø@4000/C CKD.
S7	175	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S8	125	8Ø@4000/C ST. 8Ø@4000/C CKD.	8Ø@4000/C ST. 8Ø@4000/C CKD.
S9	175	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S10	150	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S11	150	10Ø@2500/C ST. 10Ø@2500/C CKD.	10Ø@2500/C ST. 10Ø@2500/C CKD.
S12	150	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S13	150	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S14	250	12Ø@3000/C ST. 12Ø@3000/C CKD.	12Ø@3000/C ST. 12Ø@3000/C CKD.
S15	250	12Ø@3000/C ST. 12Ø@3000/C CKD.	12Ø@3000/C ST. 12Ø@3000/C CKD.
S16	150	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S17	175	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S18	175	10Ø@2500/C ST. 10Ø@2500/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S19	175	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S20	200	10Ø@2500/C ST. 10Ø@2500/C CKD.	10Ø@2500/C ST. 10Ø@2500/C CKD.
S21	200	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.
S22	200	10Ø@3000/C ST. 10Ø@3000/C CKD.	10Ø@3000/C ST. 10Ø@3000/C CKD.

NOTES :-			
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.			
2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.			
3. ALL GRADE OF CONCRETE : M30 & M25.			
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.			
5. FOR STEEL GRADE Fe 500 AS PER I.S. 1786-2008.			
6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.			
7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.			
8. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:			
MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN	-	-	40
c. TIE BEAM.	30	30	30
d. FLOOR BEAM.	30	30	30
e. FLOOR SLAB.	20	20	20
f.PILE	-	-	50
1.PILECAP	50	50	50

9. THIS DRAWING IS THE PROPERTY OF M/S S.P.A. CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

SIGNATURE OF GEO-TECHNICAL ENGINEER
JISHNU PAL
KMC REG. NO. G.T/132
ADDRESS:
JP GEO CONSULTANTS
66, ANDUL ROAD, BAKULTALA, HOWRAH-711109.

1. I ENGAGED ARCHITECT AND E.S.E DURING CONSTRUCTION
2. I FOLLOWED THE INSTRUCTIONS OF ARCHITECT AND E.S.E DURING CONSTRUCTION OF THE BUILDING.
3. WEST BENGAL MUNICIPAL AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY OF BUILDING AND ADJOINING STRUCTURE.
4. IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE THE WEST BENGAL MUNICIPAL AUTHORITY MAY REVOKE THE SANCTION PLAN.
5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & E.S.E

CERTIFICATE OF ARCHITECT

THE I.B.A. HAS CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF WEST BENGAL MUNICIPAL BLDG. RULES AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORM WITH THE PLAN AND IT IS A BUILD ABLE SITE AND NOT A TANK OR A FILLED UP TANK.

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL
COUNCIL REGISTRATION NO. CA/94/17940
ADDRESS:
RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET (2ND FLOOR), KOLKATA-16.

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT SOIL INVESTIGATION REPORT HAS BEEN DONE BY JISHNU PAL, EMPANELLED NO.-G.T./32, 66, ANDUL ROAD, BAKULTALA, HOWRAH-711109. THE RECOMMENDATION OF SOIL REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

SIGNATURE OF STRUCTURAL ENGINEER

SANJIV, J. PAREKH
E.S.E. I (104),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

I/WE HEREBY CERTIFY THAT THE BUILDING SITE PROPOSED FOR CONSTRUCTION HAS BEEN VISITED BY ME/US AND ALL THE DESIGNS, DRAWINGS SPECIFY THE DRAWING NUMBER SERIALY, SOIL TEST REPORT AND LOAD TEST RESULTS FOR FOUNDATION AND SUPERSTRUCTURE HAVE BEEN DULY REVIEWED CONFORMING TO STIPULATIONS OF ALL LATEST RELEVANT IS CODE OF PRACTISE AND NATIONAL BUILDING CODE AND IT IS FOUND THAT EVERYTHING IS COMPLETELY IN ORDER AND THE PROPOSED FOUNDATION AND SUPER STRUCTURE ARE SAFE IN ALL RESPECT.

SIGNATURE OF STRUCTURAL REVIEWER

SANJIB GUHA,
E.S.R. (188/16),
ADDRESS:
34 RAMMOHAN DUTTA ROAD,
KOLKATA-20.

PROJECT
REVISED G+XI STORIED (39.95 MT. HT.) OF TOWER-1&2, G+X STORIED (33.85 MT. HT.) OF TOWER-3 RESIDENTIAL BUILDING AT L.R. DAG NOS.-4117 TO 4123, R.S. DAG NOS.-1707 TO 1713, 1716 & 1719, L.R. KHATIAN NOS.-10790 TO 10796, 10798 TO 10800, 10802 TO 10805, 10805 IN MOUZA BHADRAKALI, J.L. NO.9, PREMISES NO.- 358 G.T. ROAD, UNDER P.S.-UTTARPARA, WITHIN UTTARPARA KOTRUNG MUNICIPALITY, DISTRICT-HOOGHLY, WARD NO.-8.

TITLE
STRUCTURAL CORPORATION OF ALL FLOOR BEAM LAYOUT TOW

RAJ AGRAWAL & ASSOCIATES
8B, ROYD STREET, CALCUTTA

STRUCTURAL CONSULTANT
S.P.A. CONSULTANTS
34, RAMMOHAN DUTTA ROAD
KOLKATA - 700020
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E-mail spa_cons@yahoo.co.in

DRAWN BY	DEBRAJ	CHECKED BY	RAJ AGRAWAL	DATE	08.08.2024	SCALE	1:100,25
JOB NO.	2021	108	RAJ AGRAWAL	SPA	UTTARPARA		
DRG. NO.	2021/108	RAJ AGRAWAL/SPA/UTTARPARA/CS-1B					