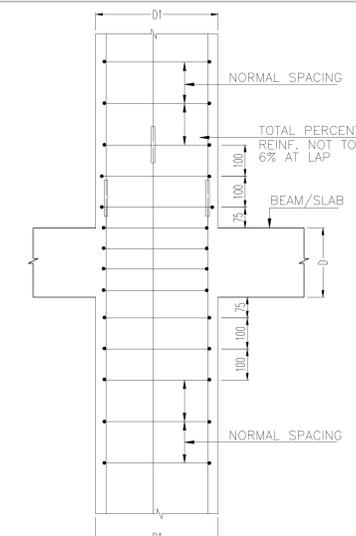
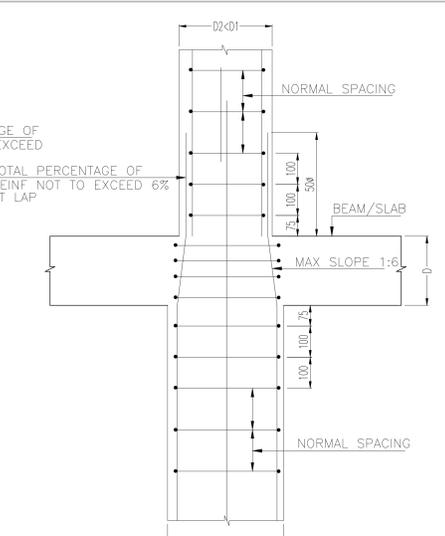


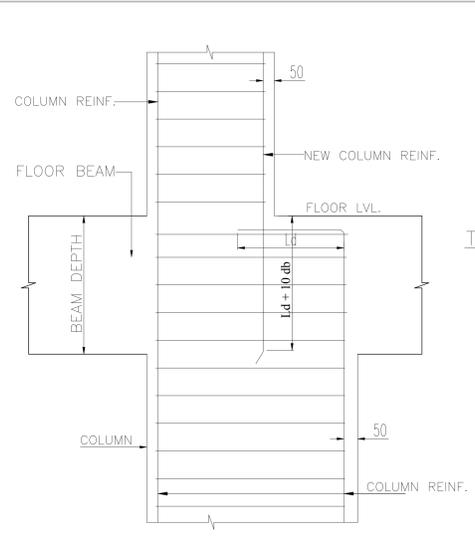
TYP. LONG SECTION OF COLUMN
SCALE-1:25



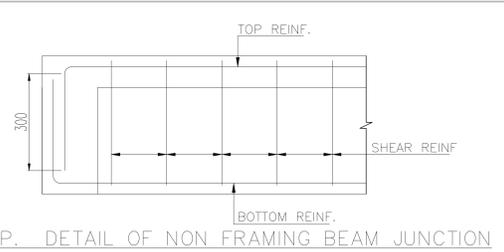
MECHANICAL SPlicing DETAIL
(FOR Y25 AND ABOVE)



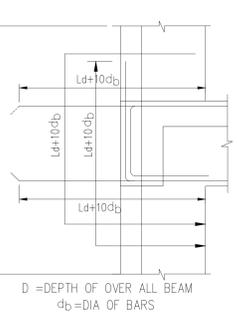
REDUCING COLUMN SIZE
TYPICAL COLUMN SPlicing DETAIL
AT FLOOR LEVEL



TYP. PART DETAIL OF PART COLUMN STOP
SCALE-1:25



TYP. DETAIL OF NON FRAMING BEAM JUNCTION



TYP. DETAIL OF FRAMING BEAM JUNCTION

- 1. GENERAL**
- 1.1 ALL DIMENSIONS ARE IN S.I UNITS.
 - 1.2 WORK TO FIGURED DIMENSIONS AND DO NOT SCALE THE DRAWING.
 - 1.3 ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
 - 1.4 ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF CONSULTANTS BEFORE COMMENCING THE WORK.
 - 1.5 THE - 0.00 LEVEL OF THE PROJECT REFERS TO ARCHITECTURAL DRAWING.
 - 1.6 USED AS CLAY BRICK

- 2. DESIGN CRITERIA**
- STANDARDS AND LOADS
- 2.1 THE CONCRETE DESIGN IS BASED ON IS: 456-2000.
 - 2.2 LOADS ARE BASED ON IS : 875
 - 2.2.1 DEAD LOAD
 - a) SELF WEIGHT: AS PER DRAWING.
 - b) FLOOR FINISH: 125kg/Sqm
 - c) NO LANDSCAPE LOAD ON THE TERRACE
 - d) EQUIPMENT LOADS: AS PER ARCHITECTURAL/SERVICES DRG.
 - 2.2.2 LIVE LOAD - 200kg/sqm or 300kg/sqm as per DBR
 - 2.3 WIND LOADS ARE BASED ON IS:875 PART III AND ARE AS FOLLOWS: BASIC WIND SPEED 50 M/SEC
 - 2.4 SEISMIC LOAD

ZONE	: III
ZONE FACTOR	: 0.16
IMPORTANCE FACTOR	: 1.20

- 3. CONCRETE**
- 3.1 GRADE OF CONCRETE AS PER SCHEDULE
 - a) FOUNDATION -M30
 - b) COLUMN -M30
 - c) BEAM & SLAB -M30
 - d) STAIR -M30
 - 3.2 MAXIMUM SIZE OF AGGREGATE SHALL PREFERABLY BE 20mm AND SHALL BE GRADED
 - 3.3 PLAIN CEMENT CONCRETE SHALL HAVE CUBE STRENGTH OF 15 N/mm² AT 28 DAYS.
 - 3.4 ALL CONCRETE SHALL BE OF DESIGN MIX AND ARE TO BE OBTAINED FROM REPUTED TESTING LABORATORIES AND APPROVED BY CONSULTANTS, THE MATERIALS THAT ARE PROPOSED TO BE USED IN THE PROJECT SHALL BE TESTED AND TEST CERTIFICATE FURNISHED BEFORE USE OF MATERIAL AT SITE.
 - 3.5 PILE CONCRETE:
 - a) SLUMP VALUE FOR PILE CONCRETE SHOULD BE 150-180MM AS PER IS 2911-(PART 1 / SEC 1)-2010 AS PER CLAUSE 7.3.2 PAGE 7.
 - b) MINIMUM GRADE OF CONCRETE M25 & MINIMUM CEMENT CONTENT 400 KG/CUM. AS PER CLAUSE 7.3.3 OF IS 2911-(PART 1 / SEC 1)-2010 PAGE 7.

- 4. REINFORCING STEEL**
- 4.1 ALL REINFORCING STEEL SHALL CONFIRM TO IS:1786-2008 HAVING MIN. YIELD STRENGTH OF 500 N/mm² DENOTED AS --- 'ϕ'.

- 5. SOIL DATA**
- 5.1 PILE CAPACITY AS PER SOIL REPORT

6. CONCRETE NOMINAL COVER FROM OUTMOST REINFORCEMENT

6.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 75MM.

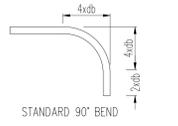
UNLESS OTHERWISE STATED CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:

FOOTING (TOP/SIDE/BOTTOM)	: (50/50/50)MM
PILE CAP (TOP/SIDE/BOTTOM)	: (60/60/100)MM
RAFT (TOP/SIDE/BOTTOM)	: (50/50/75)MM
STRAP BEAM (TOP/SIDE/BOTTOM)	: (50/50/50)MM
GRADE SLAB	: 20MM
STITCHING SLAB (TOP/BOTTOM)	: (25/50)MM
COLUMNS/PEDESTAL	: 40MM (FROM THE STIRRUPS)
SHEAR WALL	: 25MM OR AS SPECIFIED IN DWG.
BEAMS	: 30MM
SLABS	: 25MM
FLAT SLABS	: 25MM
STAIR CASE	: 25MM
RETAINING WALL	: 45MM(EARTH WATER SIDE)25MM(IN SIDE)
WATER RETAINING STRUCTURE OVER GROUND	: 45MM(WATER SIDE) 25MM(OUT SIDE)
SEWERAGE TREATMENT PLANT (STP)/UGR	: 45MM (BOTH SIDE)

(IF BAR DIA IS <12MM) OTHERWISE 40MM

- 7. EXCAVATION**
- 7.1 100TH BLINDING SHALL BE PROVIDED UNDER RAFT,INDEPENDENT AND COMBINED FOOTINGS.
 - 7.2 EXCAVATION SHALL BE DONE BEYOND THE FOOTING/BASEMENT AS INDICATED IN THE DRAWINGS.
 - 7.3 LOOSE POCKETS OF ENCOUNTERED SHALL BE REMOVED AND FILLED WITH PLUMB CONCRETE.
 - 7.4 A LEVELING COURSE OF CONCRETE SHALL BE LAID USING P.C.C 1:2:4 PRIOR TO FOUNDATION IS REQUIRED.
 - 7.5 FOUNDATION SHALL BE LAID BELOW TOP WEAK ZONE IN WEATHERED ROCK STRATA.

- 8. DEVELOPMENT AND ANCHORAGE LENGTHS**
- 8.1 DEVELOPMENT LENGTH (Ld) FOR REINFORCEMENT STEEL BARS SHALL BE
 - i) M30 , Fe500-46D
(D IS DIA OF THE BAR)
(GENERALLY 50D FOLLOWED FOR SITE CONVENIENCE)



- 8.2 LAPS FOR REINFORCEMENT IN COMPRESSION SHALL BE ACCOUNTED ONLY AS STRAIGHT LENGTHS AND NO HOOKS OR BENDS ARE ACCOUNTED FOR COMPRESSION LAPS OR ANCHORAGES.
- 8.3 STANDARD HOOKS OR BENDS SHALL BE PROVIDED WHERE NECESSARY IN TENSION REINFORCEMENTS IN BEAMS, COLUMNS, SLABS, ETC.
- 8.4 MECHANICAL ANCHORAGES OF APPROVED MANUFACTURERS SHALL BE USED FOR COLUMN SPLICES FOR 25mm DIA AND ABOVE AND ARE TO BE AS PER DESIGN DRAWINGS AND SHALL HAVE YIELD STRENGTH OF 125% MORE THAN GRADE OF MAIN STEEL.
- 8.5 LAPS SHALL BE STAGGERED AS INDICATED IN DRAWINGS.

- 9. WATER PROOFING**
- 9.1 WATER PROOFING SHALL BE DONE FOR : SUMP TANKS, OVERHEAD TANK, BASEMENT WALLS, TOILET SLABS, TERRACE, AS PER SPECIFICATIONS.

- 10. CURING**
- 10.1 CURING COMPOUNDS SHALL BE USED FOR ALL VERTICAL ELEMENTS PROVIDED IT IS PIGMENTED.
 - 10.2 CURING BY WATER SHALL BE DONE FOR THE OTHER ELEMENTS FOR A MINIMUM PERIOD OF 7 DAYS

- 11. DESHUTTERING TIME**
- 11.1 TYPE OF FORM WORK FOR :

MINIMUM PERIOD BEFORE STRIKING (EXCLUDING THE DAY OF CASTING)	
a. SLABS UPTO 4.5M :	7 DAYS
OVER 4.5M :	14 DAYS
b. BEAMS UPTO 6.0M :	14 DAYS
OVER 6.0M :	21 DAYS
c. WALL/BEAM/COLUMN VERTICAL FACES :	1 DAY

- 11.2 SHUTTERING CAN BE RELEASED EARLIER THAN SPECIFIED ABOVE PROVIDED THE PROPS ARE RETAINED AT REASONABLE SPACINGS AND CONCRETE ATTAINS THE FULL STRENGTH AT THE TIME OF DESHUTTERING AS PER IS 456 - 2000. DE SHUTTERING SHALL BE DONE BY PROVIDING DAMPENING MATERIAL BELOW IN ORDER TO REDUCE THE IMPACT AT THE LOWER LEVEL.

- 11.3 SIMPLY SUPPORTED AND CONTINUOUS SPANS SHALL BE DESHUTTERED FROM MID SPAN TOWARDS SUPPORTS. CANTILEVERS SHALL BE DESHUTTERED FROM FREE END TOWARDS SUPPORTS
- 11.4 SLAB/BEAMS SHALL BE REPROPPED UNTIL THE NEXT LEVEL SLAB IS CAST AND DESHUTTERED.

- 12. CONSTRUCTION JOINTS**
- 12.1 SLABS : AT MIDDLE ONE THIRD OF THE SPAN.
 - 12.2 BEAMS : AT MIDDLE ONE THIRD OF THE SPAN. IF ANY CROSS BEAMS ARE LOCATED IN THIS REGION THE JOINT SHALL BE LOCATED TWO TIMES THE WIDTH OF THE BEAM AWAY FROM THE BEAM.
 - 12.3 RETAINING WALL : AT THE JUNCTION OF THE WALL AND FOOTING WITH A KEY JOINT AND AT MIDDLE OF VERTICAL SPAN, VERTICAL JOINTS TO BE AVOIDED.
 - 12.4 RAFT SLAB : AT MIDDLE ONE THIRD OF THE SPAN.
 - 12.5 CONSTRUCTION JOINTS SHALL BE STRAIGHT
 - 12.6 CANTILEVERS : CONSTRUCTION JOINT SHALL NOT BE PROVIDED IN CANTILEVERS.

- 13. ADMIXTURE**
- 13.1 CONCRETE ADMIXTURES OF APPROVED MAKE SHALL BE USED TO IMPROVE WORKABILITY AND STRENGTH AS PER TENDER SPECIFICATIONS.
 - 13.2 CONCRETE ADMIXTURES OF APPROVED MAKE SHALL BE USED FOR WATER PROOFING AS PER TENDER SPECIFICATIONS.

- 14. CONSULTANTS APPROVAL**
- 14.1 CONSULTANTS SHALL APPROVE THE CONCRETING SURFACE AFTER INSPECTION AND REMEDIAL MEASURES IF ANY TO BE DONE BEFORE ANY PLASTERING WORK IS TAKEN UP ON CONCRETE SURFACE. HOWEVER THIS DOES NOT DEVOLVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR GETTING THE REQUIRED STRENGTH OF CONCRETE.

- 15. CAMBER FOR CANTILEVERS**
- FOR UP TO 1.5M CANTILEVERS --- 10MM
FROM 1.5M TO 2.5M CANTILEVERS --- 15MM

- 16. FLOOR SLAB :-**
- ALL SMALL CUTOUTS (SIZE MAXIMUM 200X200) ARE NOT SHOWN IN PLAN. COORDINATE WITH ARCH & SERVICES DWG. FOR THE SAME. TRIMMER BAR SHOULD BE PROVIDED AS SHOWN IN FOR CUTOUT GREATER THAN (200X200) SPECIFIC DETAIL TO BE FOLLOWED. (FIG-4)

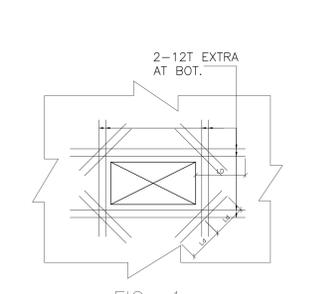
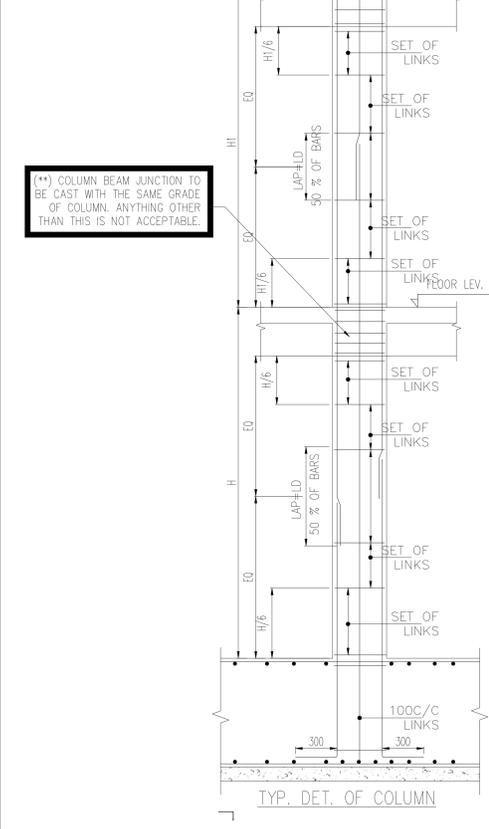
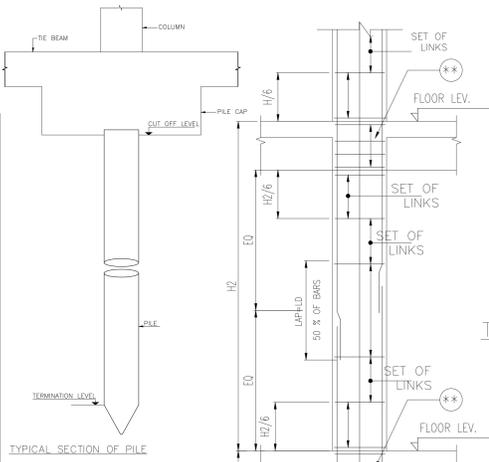
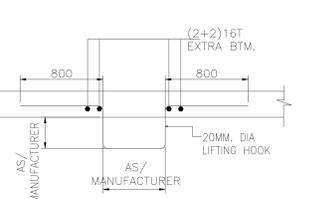
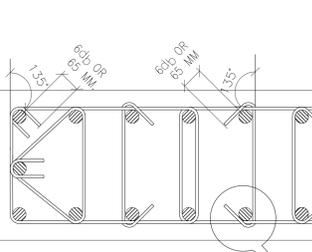


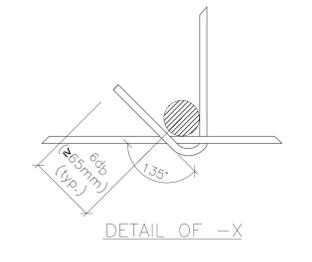
FIG.-4
TYP. DETAIL OF SLAB CUTOUT



TYP. DETAIL OF LIFTING HOOK FOR NORMAL PASSENGER LIFT



ENLARGED PLAN SHOWING TYPICAL DETAILS OF LINKS



DETAIL OF -X

SIGNATURE OF OWNER
CERTIFICATE OF GEO - TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN OF GEO TECHNICAL ENGG.
NAME - MR. JISHNU PAUL
LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER
CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED 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 & THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION

SIGN OF STRUCTURAL ENGG.
NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. -STER/NKDA/10/00019

SIGN OF STRUCTURAL REVIEWER
NAME - MR. MAINAK MAJUMDAR
LICENSE NO. -STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. 633, RECORDED UNDER KHATAN NO. 2524 OF MOUZA- ATGHARA, JL- 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN OF ARCHITECT
MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

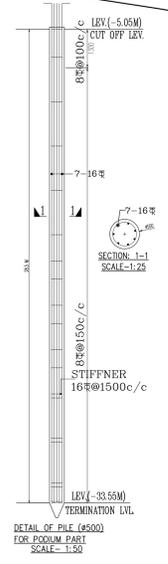
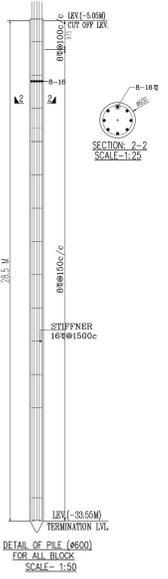
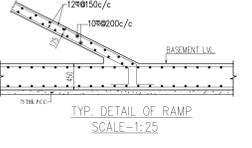
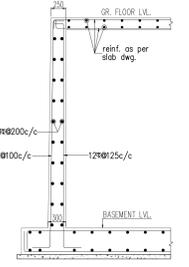
TYPE OF DRAWING :- CORPORATION DRAWING

TITLE :- GENERAL NOTE'S
PROJECT
RESIDENTIAL PLAN OF (B+C+XVII) STORED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO.- 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, JL NO. - 02, TOUZI NO.- 2998 , POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.

AGRAWAL & AGRAWAL
BARODA KOLKATA
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHANANTALA ROAD KOLKATA 700029
DRAWN BY:- SS DRG. NO:-JAGARDANGA/MS/ST-01
APPROVED BY:- MM SCALE:- 1:100,50,25 DATE:- 07.01.2022





PILE MARKED	DIA. OF PILES	DEPTH	REINFORCEMENT				SFR
			BOTTOM		TOP		
			SHORTER	LONGER	SHORTER	LONGER	
2P	600 DIA	900	20@150c/c	20@150c/c	12@150c/c	12@150c/c	12@150c/c
3P	600 DIA	1000	20@150c/c	20@150c/c	12@150c/c	12@150c/c	12@150c/c
4P	600 DIA	1000	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
5P	600 DIA	1100	20@125c/c	20@100c/c	20@125c/c	20@100c/c	12@150c/c
6P	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
7P	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
7AP	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
8P	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
8AP	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
9P	600 DIA	1200	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
9P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
9AP	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
10P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
11P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
11AP	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
11BP	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
12P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
13P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
14P	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
14AP	600 DIA	1500	20@100c/c	20@100c/c	20@100c/c	20@100c/c	12@150c/c
16P	600 DIA	1800	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
18P	600 DIA	1800	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
19P	600 DIA	1800	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
20P	600 DIA	1800	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
20AP	600 DIA	1800	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
22P	600 DIA	2000	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
23P	600 DIA	2000	25@100c/c	25@100c/c	20@100c/c	20@100c/c	12@150c/c
42P	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c
42AP	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c
43P	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c
43AP	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c
49P	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c
70P	600 DIA	2000	25@100c/c	25@100c/c	25@100c/c	25@100c/c	12@150c/c

PILE MARKED	DIA. OF PILES	DEPTH	REINFORCEMENT				SFR
			BOTTOM		TOP		
			SHORTER	LONGER	SHORTER	LONGER	
2P	500 DIA	900	20@150c/c	20@150c/c	16@100c/c	16@100c/c	12@150c/c
3P	500 DIA	1000	20@100c/c	20@100c/c	16@100c/c	16@100c/c	12@150c/c

SIGNATURE OF OWNER
 CERTIFICATE OF GEO - TECHNICAL ENGINEER
 IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYSING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN OF GEO TECHNICAL ENGG.
 NAME - MR. JISHNU PAUL
 LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER
 CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS. THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGN OF STRUCTURAL ENGG.
 NAME -MR. MANOJ KANTI MAJUMDAR
 LICENSE NO. -STER/NKDA/10/00019

SIGN OF STRUCTURAL REVIEWER
 NAME -MR. MANAK MAJUMDAR
 LICENSE NO. -STER/NKDA/10/00020
 STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT
 I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DIAG NOS. 633, RECORDED UNDER KHATAN NO. 2524 OF MOUZA- ATGHARA, UL - 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVALING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVALING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN OF ARCHITECT
 MONAL AGRAWAL
 REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING
 TITLE :- PILE LAYOUT/PILE SHAFT DETAIL & PILE CAP SCHEDULE
 RAFT SLAB ARRANGEMENT & DETAIL
 TYP. RAMP & RET. WALL DETAIL

PROJECT
 RESIDENTIAL PLAN OF (B+G+XVII) STORED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO.- 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, JL. NO. - 02, TOLUZI NO.- 7298 - POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.

AGRAWAL & AGRAWAL
 BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
 10/3, PANCHANANTALA ROAD
 KOLKATA 700029

DRAWN BY:- SS DRG. NO.-AGARANGA/MS/ST-02
 APPROVED BY:- MM SCALE:- 1:100,25 DATE:- 07.01.2025



COLUMN SCHEDULE (BLOCK-1)

FLOOR	M30:Fe 500	SIZE	200X500	250X500	300X1500	200X500	200X1800	200X2625	200X2000	200X500	200X1200	250X1500	200X500	200X600	300X1200	200X500
			200X1200	250X1200	200X1000	200X1000	200X1800	200X2625	200X2000	200X500	200X1200	250X1500	200X500	200X600	300X1200	200X500
14TH. FL. TO ROOF		STEEL	30-16T	30-20T	32-20T	26-16T	16-20T+20-16T	60-16T	48-16T	12-20T+24-16T	12-20T+12-16T	12-20T+18-16T	30-16T	52-16T	26-20T	26-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
10TH. FL. TO 14TH		STEEL	8-20T+22-16T	30-20T	32-20T	8-20T+18-16T	16-20T+20-16T	200X2625	200X2000	200X500	200X1200	250X1500	200X500	200X600	300X1200	200X500
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
6TH. FL. TO 10TH		STEEL	12-20T+18-16T	8-25T+22-20T	8-25T+24-20T	12-20T+14-16T	36-20T	24-20T+36-16T	24-20T+24-16T	16-20T+20-16T	24-20T	30-20T	12-20T+18-16T	24-20T+28-16T	8-25T+18-20T	12-20T+14-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
2ND. FL. TO 6TH		STEEL	30-20T	16-25T+14-20T	16-25T+16-20T	26-20T	36-20T	60-20T	48-20T	36-20T	24-20T	12-25T+18-20T	30-20T	52-20T	12-25T+14-20T	26-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
1ST. FL. TO 2ND. FL.		STEEL	30-20T	16-25T+14-20T	32-25T	26-20T	36-20T	60-20T	48-20T	36-20T	24-20T	12-25T+18-20T	30-20T	52-20T	12-25T+14-20T	26-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
FOUNDATION TO 1ST. FLOOR		STEEL	30-20T	16-25T+14-20T	32-25T	26-20T	8-25T+28-20T	24-25T+36-20T	24-25T+24-20T	36-20T	8-25T+16-20T	12-25T+18-20T	30-20T	52-20T	12-25T+14-20T	26-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1								
COLUMN MARKING			C1,	C2,	C3,	C4,	C5,	C6,	C7,C36,	C8,	C9,C17,C26,C18,C27,C39,	C10,	C11,C41,	C12,	C14,	C13,

COLUMN SCHEDULE (BLOCK-2)

FLOOR	M30:Fe 500	SIZE	200X500	250X1800	250X2200	AS PER LAYOUT	200X750	200X1200	250X1500	200X500	250X2000	200X500	250X450	250X1800	250X1500	250X850	250X2225	200X600
			200X1200	250X1500	250X2200	AS PER LAYOUT	200X1200	250X1500	200X500	250X2000	200X500	250X450	250X1800	250X1500	250X850	250X2225	200X600	
14TH. FL. TO ROOF		STEEL	18-20T+18-16T	12-25T+24-20T	28-25T+16-20T	28-25T+12-20T	32-20T	24-20T	18-25T+12-20T	28-20T	28-25T+12-20T	32-20T	16-25T+16-20T	12-25T+24-20T	28-25T	22-25T	28-25T+16-20T	28-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH		STEEL	18-20T+18-16T	250X1800	250X2200	AS PER LAYOUT	200X750	200X1200	250X1500	200X500	250X2000	200X500	250X450	250X1800	250X1500	250X850	250X2225	200X600
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH		STEEL	36-20T	12-25T+24-20T	28-25T+16-20T	28-25T+12-20T	32-20T	24-20T	18-25T+12-20T	28-20T	28-25T+12-20T	32-20T	16-25T+16-20T	12-25T+24-20T	28-25T	22-25T	28-25T+16-20T	28-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
3RD. FL. TO 6TH		STEEL	36-20T	20-25T+16-20T	28-25T+16-20T	28-25T+12-20T	32-20T	24-20T	18-25T+12-20T	28-20T	28-25T+12-20T	32-20T	16-25T+16-20T	20-25T+16-20T	28-25T	22-25T	28-25T+16-20T	28-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
2ND. FL. TO 3RD. FL.		STEEL	12-25T+24-20T	36-25T	44-25T	28-25T+12-20T	32-20T	24-20T	18-25T+12-20T	28-20T	28-25T+12-20T	32-20T	32-25T	20-25T+16-20T	28-25T	22-25T	28-25T+16-20T	28-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO 2ND. FLOOR		STEEL	12-25T+24-20T	36-25T	44-25T	40-25T	28-25T+20-20T	16-20T+8-25T	30-25T	8-25T+20-20T	40-25T	8-25T+24-20T	32-25T	36-25T	28-25T	22-25T	44-25T	8-25T+20-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			2C1,2C12	2C2	2C3	2C4	2C5	2C6	2C7	2C8,2C9,2C28,2C26	2C10,2C25	2C11	2C13	2C14	2C15	2C16	2C17	2C17a

COLUMN SCHEDULE (BLOCK-1)

FLOOR	M30:Fe 500	SIZE	250X600	200X800	250X500	250X2000	200X500	200X750	250X600	200X600	250X1800	200X1200	250X1150			
			250X1200	200X1200	250X1300	250X2000	200X500	200X750	250X600	200X600	250X1800	200X1200	250X1150			
14TH. FL. TO ROOF		STEEL	48-16T	32-16T	28-20T+30-16T	12-25T+28-20T	36-16T	8-20T+24-16T	12-20T+24-16T	12-20T+18-16T	16-20T+20-16T	20-20T+20-16T	22-20T			
		LINKS	SEC-1													
10TH. FL. TO 14TH		STEEL	24-20T+24-16T	16-20T+16-16T	58-20T	12-25T+28-20T	12-20T+24-16T	8-20T+24-16T	250X1800	250X1500	250X600	200X1200	250X1150			
		LINKS	SEC-1													
6TH. FL. TO 10TH		STEEL	24-20T+24-16T	16-20T+16-16T	12-25T+46-20T	20-25T+20-20T	16-20T+20-16T	16-20T+16-16T	36-20T	30-20T	8-25T+24-20T	8-20T+20-16T	36-20T	40-20T	4-25T+18-20T	
		LINKS	SEC-1													
2ND. FL. TO 6TH		STEEL	48-20T	32-20T	28-25T+30-20T	40-25T	36-20T	32-20T	8-25T+28-20T	12-25T+18-20T	16-25T+16-20T	12-20T+20-16T	12-25T+24-20T	16-25T+24-20T	8-25T+14-20T	
		LINKS	SEC-1													
1ST. FL. TO 2ND. FL.		STEEL	8-25T+40-20T	32-20T	28-25T+30-20T	40-25T	36-20T	32-20T	16-25T+20-20T	12-25T+18-20T	16-25T+16-20T	12-20T+16-16T	12-25T+24-20T	16-25T+24-20T	8-25T+14-20T	
		LINKS	SEC-1													
FOUNDATION TO 1ST. FLOOR		STEEL	8-25T+40-20T	32-20T	28-25T+30-20T	40-25T	36-20T	32-20T	16-25T+20-20T	12-25T+18-20T	12-25T+16-20T	32-25T	28-20T	12-25T+24-20T	16-25T+24-20T	8-25T+14-20T
		LINKS	SEC-1	SEC-1												
COLUMN MARKING			C15,	C16,	C19,	C20,	C21,	C22,	C23,	C24,	C25,	C28,	C29,42	C30,	C31,	

COLUMN SCHEDULE (BLOCK-2)

FLOOR	M30:Fe 500	SIZE	250X500	200X750	250X500	200X4200	AS PER LAYOUT	AS PER LAYOUT		
			250X1500	200X1500	250X1200	200X4200	200X500	200X1000		
14TH. FL. TO ROOF		STEEL	16-25T+16-20T	40-20T	16-25T+12-20T	84-20T	24-20T	224-16T	180-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
10TH. FL. TO 14TH		STEEL	16-25T+16-20T	40-20T	16-25T+12-20T	84-20T	24-20T	224-16T	180-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
6TH. FL. TO 10TH		STEEL	16-25T+16-20T	40-20T	16-25T+12-20T	84-20T	24-20T	224-16T	180-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
3RD. FL. TO 6TH		STEEL	16-25T+16-20T	40-20T	16-25T+12-20T	84-20T	24-20T	224-16T	180-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
2ND. FL. TO 3RD. FL.		STEEL	16-25T+16-20T	40-20T	16-25T+12-20T	84-20T	24-20T	224-16T	180-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
FOUNDATION TO 2ND. FLOOR		STEEL	32-25T	4-25T+36-20T	28-25T	24-25T+60-20T	4-25T+20-20T	36-20T+188-16T	24-20T+156-16T	32-20T+92-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			2C39	2C41	2C42,2C45	2C43	2C46	LIFT-1	LIFT-2	LIFT-3

COLUMN SCHEDULE (BLOCK-1)

FLOOR	M30:Fe 500	SIZE	200X1000	200X3000	250X1200	250X2000	200X600	200X500	200X1500	350X700	AS PER LAYOUT	AS PER LAYOUT		
			200X1000	200X3000	250X1200	250X2000	200X600	200X500	200X1500	350X700	350X1500	200X500	200X1000	
14TH. FL. TO ROOF		STEEL	20-16T	20-20T+40-16T	24-16T	20-20T+20-20T	12-20T+16-20T	42-16T	30-16T	42-20T	32-20T	26-16T	240-12T	260-12T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH		STEEL	20-16T	20-20T+40-16T	12-20T+12-16T	40-20T	12-20T+16-20T	12-20T+30-16T	12-20T+18-16T	8-25T+34-20T	32-20T	8-20T+18-16T	60-16T+180-12T	260-12T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH		STEEL	8-20T+12-16T	28-20T+32-16T	24-20T	8-25T+32-20T	12-20T+16-20T	20-20T+22-16T	12-20T+18-16T	12-25T+30-20T				

COLUMN SCHEDULE (BLOCK-2)

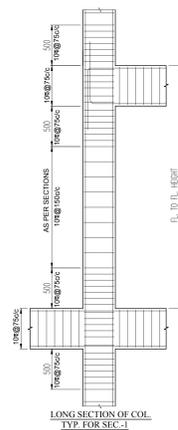
FLOOR	M30:Fe 500	SIZE	250X1500	200X800 200X1000	250X1200	250X500 250X2200	250X900 250X1500	250X2000	200X600 200X1500	250X1800	250X600 250X1200	250X1200	200X600 200X1000	300X1000	200X600 200X1500	200X500 200X1200	200X500 200X1600	200X925 200X2350
			14TH. FL. TO ROOF	STEEL	18-25T+12-20T	24-20T	24-25T	24-25T+24-20T	32-25T+16-20T	28-25T+12-20T	36-20T	20-25T+16-20T	16-25T+12-20T	12-25T+12-20T	24-20T	22-20T	32-20T	28-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH	STEEL	18-25T+12-20T	24-20T	24-25T	24-25T+24-20T	32-25T+16-20T	28-25T+12-20T	36-20T	20-25T+16-20T	16-25T+12-20T	12-25T+12-20T	24-20T	22-20T	32-20T	28-20T	32-20T	60-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH	STEEL	18-25T+12-20T	24-20T	24-25T	24-25T+24-20T	32-25T+16-20T	28-25T+12-20T	36-20T	20-25T+16-20T	16-25T+12-20T	12-25T+12-20T	24-20T	22-20T	32-20T	28-20T	32-20T	60-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
3RD. FL. TO 6TH	STEEL	18-25T+12-20T	24-20T	24-25T	24-25T+24-20T	32-25T+16-20T	28-25T+12-20T	36-20T	20-25T+16-20T	16-25T+12-20T	12-25T+12-20T	24-20T	22-20T	32-20T	28-20T	32-20T	60-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
2ND. FL. TO 3RD. FL.	STEEL	18-25T+12-20T	8-25T+16-20T	24-25T	48-25T	32-25T+16-20T	28-25T+12-20T	36-20T	20-25T+16-20T	16-25T+12-20T	12-25T+12-20T	24-20T	22-20T	32-20T	28-20T	32-20T	60-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO 2ND. FLOOR	STEEL	30-25T	8-25T+16-20T	24-25T	48-25T	32-25T+16-20T	40-25T	12-25T+24-20T	36-25T	28-25T	24-25T	8-25T+16-20T	22-20T	8-25T+24-20T	8-25T+20-20T	12-25T+20-20T	60-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			2C18,2C27 2C40	2C18a	2C19	2C20	2C21	2C22	2C23	2C24	2C29,2C34 2C37	2C30,2C44	2C31	2C32	2C33	2C35	2C36	2C38

COLUMN SCHEDULE (BLOCK-3)

FLOOR	M30:Fe 500	SIZE	250X1200	200X1500	200X1500 200X500	200X1500 200X500	200X1800	250X1800	200X2000	AS PER LAYOUT	AS PER LAYOUT
			14TH. FL. TO ROOF	STEEL	24-20T	8-20T+22-16T	36-16T	36-16T	36-16T	36-20T	12-20T+28-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH	STEEL	24-20T	12-20T+18-16T	36-16T	36-16T	36-16T	8-25T+28-20T	12-20T+28-16T	240-12T	184-12T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH	STEEL	8-25T+16-20T	16-20T+14-16T	12-20T+24-16T	12-20T+24-16T	12-20T+24-16T	12-25T+24-20T	20-20T+20-16T	240-12T	184-12T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
2ND. FL. TO 6TH	STEEL	12-25T+12-20T	30-20T	18-20T+18-16T	18-20T+18-16T	18-20T+18-16T	18-25T+18-20T	40-20T	80-16T+160-12T	40-16T+144-12T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
1ST FL. TO 2ND. FL.	STEEL	12-25T+12-20T	30-20T	18-20T+18-16T	18-20T+18-16T	36-20T	18-25T+18-20T	40-20T	80-16T+160-12T	40-16T+144-12T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO 1ST. FLOOR	STEEL	16-25T+8-20T	16-25T+14-20T	36-20T	36-20T	36-20T	18-25T+18-20T	40-20T	120-16T+120-12T	84-16T+100-12T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			3C39	3C40	3C41,3C42	3C43	3C46	3C47	3C49	LIFT-1	LIFT-2

COLUMN SCHEDULE (BLOCK-3)

FLOOR	M30:Fe 500	SIZE	250X1200	250X1800	350X900	200X1200 200X500	350X850	200X1200 200X500	350X850	300X600 300X850	200X1200 200X600	250X1000 250X500	250X1500	200X3050	200X1000 200X700	250X1200	200X3400 200X500	250X2000 250X500	200X1900 200X500	200X1200
			14TH. FL. TO ROOF	STEEL	12-20T+12-16T	36-20T	8-20T+12-16T	30-16T	18-20T	30-16T	18-20T	24-20T	32-16T	26-16T	8-20T+22-16T	12-20T+34-16T +14-12T	30-16T	12-20T+12-16T	40-20T+34-16T	8-25T+38-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH	STEEL	24-20T	8-25T+28-20T	8-20T+12-16T	8-20T+22-16T	4-25T+14-20T	8-20T+22-16T	4-25T+14-20T	24-20T	8-20T+24-16T	8-20T+18-16T	12-20T+18-16T	16-20T+30-16T +14-12T	8-20T+22-16T	24-20T	40-20T+34-16T	8-25T+38-20T	12-20T+32-16T	8-20T+18-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH	STEEL	8-25T+16-20T	12-25T+24-20T	8-20T+12-16T	12-20T+18-16T	8-25T+10-20T	12-20T+18-16T	8-25T+10-20T	8-25T+16-20T	12-20T+20-16T	12-20T+14-16T	30-20T	24-20T+22-16T +14-12T	12-20T+18-16T	8-25T+16-20T	32-20T+42-16T	12-25T+34-20T	20-20T+24-16T	12-20T+12-16T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
2ND. FL. TO 6TH	STEEL	12-25T+12-20T	18-25T+18-20T	12-20T+8-16T	30-20T	12-25T+6-20T	30-20T	12-25T+6-20T	12-25T+12-20T	32-20T	26-20T	8-25T+22-20T	46-20T+14-12T	16-20T+14-16T	12-25T+12-20T	74-20T	20-25T+26-20T	44-20T	24-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
1ST FL. TO 2ND. FL.	STEEL	12-25T+12-20T	18-25T+18-20T	20-20T	30-20T	12-25T+6-20T	30-20T	12-25T+6-20T	12-25T+12-20T	32-20T	26-20T	8-25T+22-20T	60-20T	16-20T+14-16T	12-25T+12-20T	74-20T	32-25T+14-20T	44-20T	24-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO 1ST. FLOOR	STEEL	12-25T+12-20T	18-25T+18-20T	20-20T	30-20T	12-25T+6-20T	30-20T	12-25T+6-20T	12-25T+12-20T	32-20T	26-20T	8-25T+22-20T	60-20T	30-20T	12-25T+12-20T	8-25T+66-20T	32-25T+14-20T	44-20T	24-20T	
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			3C1	3C2	3C3	3C4,3C7	3C5,3C6	3C8	3C9	3C10	3C11	3C12	3C13	3C14	3C15	3C16	3C17	3C18,3C48	3C19	3C20

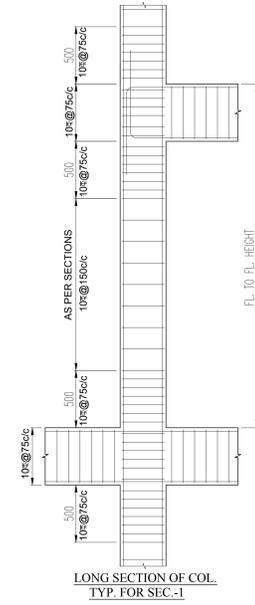


COLUMN SCHEDULE (BLOCK-3)

FLOOR	M30:Fe 500	SIZE	250X1500	200X1200 200X500	400X1000	250X1800	250X2500	250X1800 250X500	200X1500 200X500	200X1800 200X500	350X1000	200X1000	200X1500	250X1200	250X1000	250X1025	200X1200 200X500	200X2000	200X900 200X600
			14TH. FL. TO ROOF	STEEL	12-20T+18-16T	30-16T	12-20T+12-16T	36-20T	24-20T+26-16T	50-20T	8-25T+38-20T	36-16T	42-16T	22-20T	12-20T+8-16T	8-20T+22-16T	24-16T	8-20T+12-16T	20-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
10TH. FL. TO 14TH	STEEL	16-20T+14-16T	8-20T+22-16T	12-20T+12-16T	8-25T+28-20T	24-20T+26-16T	50-20T	8-25T+38-20T	36-16T	12-20T+30-16T	22-20T	12-20T+8-16T	12-20T+18-16T	12-20T+12-16T	8-20T+12-16T	20-20T	30-16T	12-20T+28-16T	8-20T+18-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
6TH. FL. TO 10TH	STEEL	30-20T	12-20T+18-16T	24-20T	12-25T+24-20T	50-20T	12-25T+38-20T	12-25T+34-20T	12-20T+24-16T	18-20T+24-16T	22-20T	20-20T	16-20T+14-16T	24-20T	12-20T+8-16T	8-25T+12-20T	8-20T+22-16T	20-20T+20-16T	12-20T+14-16T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
2ND. FL. TO 6TH	STEEL	12-25T+18-20T	30-20T	12-25T+12-20T	18-25T+18-20T	12-25T+38-20T	24-25T+26-20T	20-25T+26-20T	18-20T+18-16T	42-20T	4-25T+18-20T	20-20T	30-20T	8-25T+16-20T	20-20T	12-25T+8-20T	12-20T+18-16T	40-20T	26-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
1ST FL. TO 2ND. FL.	STEEL	12-25T+18-20T	30-20T	12-25T+12-20T	18-25T+18-20T	12-25T+38-20T	50-25T	36-25T+10-20T	36-20T	42-20T	4-25T+18-20T	20-20T	30-20T	8-25T+16-20T	20-20T	12-25T+8-20T	30-20T	12-25T+28-20T	26-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO 1ST. FLOOR	STEEL	16-25T+14-20T	30-20T	24-25T	18-25T+18-20T	24-25T+26-20T	50-25T	36-25T+10-20T	36-20T	42-20T	8-25T+14-20T	20-20T	30-20T	12-25T+12-20T	20-2				

COLUMN SCHEDULE (PODIUM PART)

2ND FL. TO 3RD. FL.	M30:Fe 500	SIZE		250X600						
		STEEL		12-20T						
		LINKS		SEC-1						
1ST FL. TO 2ND. FL.	M30:Fe 500	SIZE		250X600	250X900	250X600	300X600		250X600	250X600
		STEEL		12-20T	8-25T+10-20T	12-20T	14-20T		12-20T	8-25T+12-20T
		LINKS		SEC-1	SEC-1	SEC-1	SEC-1		SEC-1	SEC-1
GR. FL. TO 1ST. FL.	M30:Fe 500	SIZE		250X600	250X900	250X600	300X600	300X750	250X600	250X600
		STEEL		12-20T	8-25T+10-20T	12-20T	14-20T	8-25T+8-20T	12-20T	8-25T+12-20T
		LINKS		SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
FOUNDATION TO GR. FLOOR	M30:Fe 500	SIZE	300X900	250X600	250X900	250X600	300X600	300X750	250X600	300X900
		STEEL	8-25T+12-20T	12-20T	8-25T+10-20T	12-20T	14-20T	8-25T+8-20T	12-20T	8-25T+12-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			PC34,PC79,	PC35,	PC40,PC54,PC66,PC69,	PC46,PC52,	PC53,PC59,PC67,PC68,	PC63,PC64,PC65,PC71,PC72,PC73,PC76,PC77,PC78,PC80,PC81,PC82,PC83,PC84,	PC74,	PC77,



COLUMN SCHEDULE (PODIUM PART)

2ND FL. TO 3RD. FL.	M30:Fe 500	SIZE				300X600	300X500	250X750	300X750	
		STEEL				14-20T	12-20T	8-25T+6-20T	8-25T+8-20T	
		LINKS				SEC-1	SEC-1	SEC-1	SEC-1	
1ST FL. TO 2ND. FL.	M30:Fe 500	SIZE	300X750		300X1000	300X600	300X500	250X750	300X750	
		STEEL	8-25T+8-20T		12-25T+10-20T	14-20T	12-20T	8-25T+6-20T	8-25T+8-20T	
		LINKS	SEC-1		SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
GR. FL. TO 1ST. FL.	M30:Fe 500	SIZE	300X750		300X1000	300X600	300X500	250X750	300X750	
		STEEL	8-25T+8-20T		12-25T+10-20T	14-20T	12-20T	8-25T+6-20T	8-25T+8-20T	
		LINKS	SEC-1		SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	
FOUNDATION TO GR. FLOOR	M30:Fe 500	SIZE	300X750	300X750	300X1000	300X1000	300X600	300X500	250X750	300X750
		STEEL	8-25T+8-20T	8-25T+8-20T	12-25T+10-20T	12-25T+10-20T	14-20T	12-20T	8-25T+6-20T	8-25T+8-20T
		LINKS	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1	SEC-1
COLUMN MARKING			PC1,PC2,PC3,PC4,PC5,PC6,PC19a,PC19,PC45,	PC12,PC41,PC42,PC43,PC44,PC47,PC48,PC49,PC50,PC55,PC56,PC17,PC62,PC70,PC75,PC58,57	PC7,	PC8,PC9,PC10,PC11,PC15,PC16,PC18,PC21,PC22,PC23,PC25,PC26,PC27,PC28,	PC13,PC14,PC51,	PC14a,	PC20,PC20a,PC24a,PC29,	PC30,PC31,PC32,PC33,PC36,PC37,PC38,PC39,

SIGNATURE OF OWNER
CERTIFICATE OF GEO - TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN. OF GEO TECHNICAL ENGG.
NAME - MR. JISHNU PAUL
LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION

SIGN. OF STRUCTURAL ENGG.
NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. -STER/NKDA/10/00019

SIGN. OF STRUCTURAL REVIEWER
NAME - MR. MAINAK MAJUMDAR
LICENSE NO. -STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. 633, RECORDED UNDER KHATIAN NO. 2524 OF MOUZA- ATGHARA, J.L.- 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN. OF ARCHITECT
MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING

TITLE :- COLUMN SCHEDULE(PODIUM PART)

PROJECT
RESIDENTIAL PLAN OF (B+C+XVIII) STORIED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO.- 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, JL NO. - 02, TOUZI NO.- 2998 , POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.

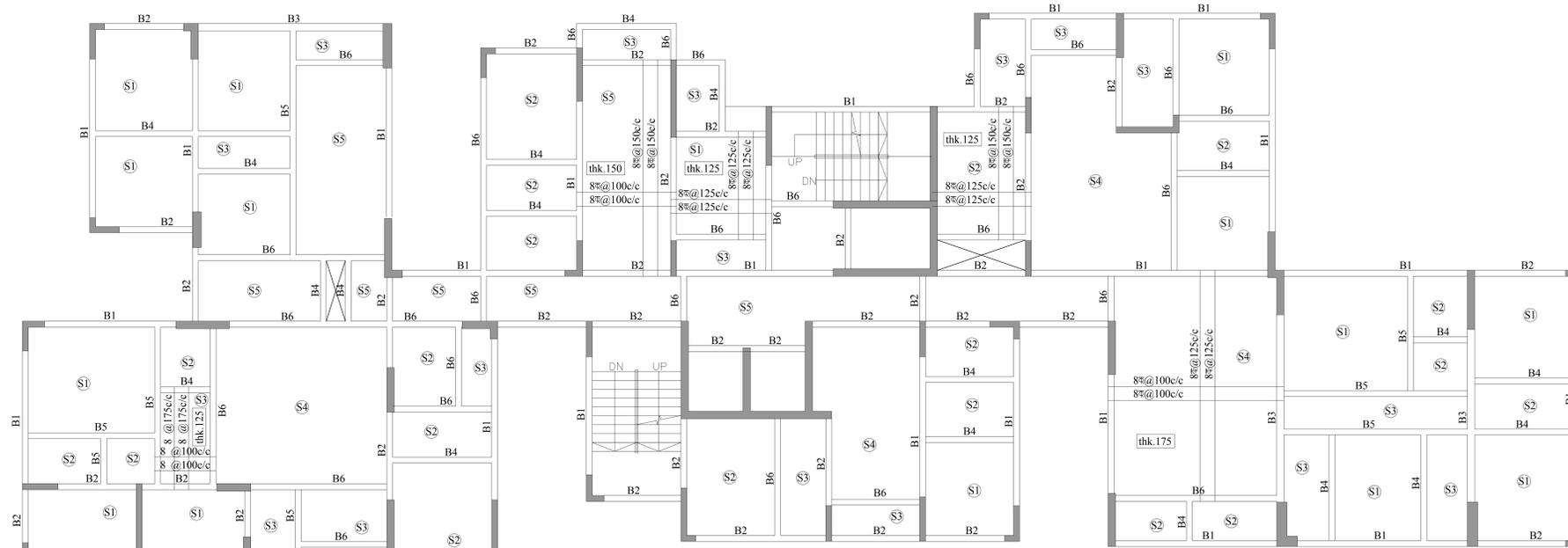
AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHANANTALA ROAD
KOLKATA 700029

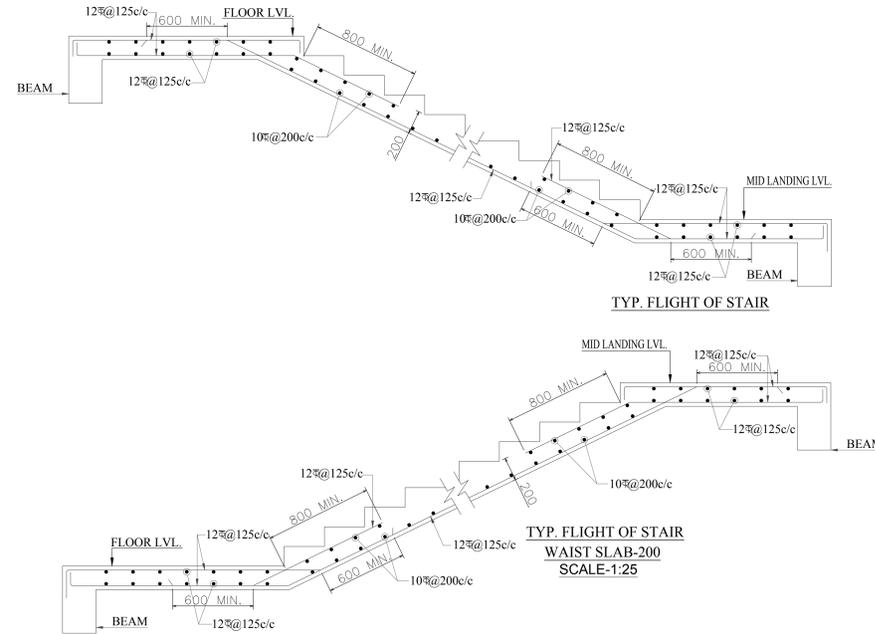
DRAWN BY:- SS DRG. NO:-JAGARDANGA/MS/ST-06
APPROVED BY:- MM SCALE:- 1:100,25 DATE:- 07.01.2024



BLOCK-1



TYP. FLOOR BEAM ARRANGEMENT (BLOCK-1)
SLAB THK.125 OTHERWISE MENTION



BEAM SCHEDULE		
BEAM MKD.	SECTION AT SUPPORT(M30)	SECTION AT SPAN(M30)
B-1 200x500	 2-20%(alth.) 2-20%(ext.) 8%@100c/c 2-20%(alth.)	 2-20%(alth.) 8%@125c/c 2-20%(ext.) 2-20%(alth.)
B-2 200x500	 2-20%(alth.) 2-20%(ext.) 8%@100c/c 2-20%(alth.)	 2-20%(alth.) 8%@150c/c 2-16%(ext.) 2-20%(alth.)
B-3 250x500	 2-25%(alth.) 2-25%(ext.) 10%@100c/c 2-25%(alth.)	 2-25%(alth.) 10%@100c/c 2-20%(ext.) 2-25%(alth.)
B-4 200x500	 2-20%(alth.) 2-16%(ext.) 8%@100c/c 2-20%(alth.)	 2-20%(alth.) 8%@150c/c 2-16%(ext.) 2-20%(alth.)
B-5 200x500	 2-20%(alth.) 2-16%(ext.) 8%@100c/c 2-20%(alth.)	 2-20%(alth.) 8%@125c/c 2-20%(ext.) 2-20%(alth.)
B-6 200x500	 2-20%(alth.) 2-20%(ext.) 10%@100c/c 2-20%(alth.)	 2-20%(alth.) 10%@125c/c 2-16%(ext.) 2-20%(alth.)

SIGNATURE OF OWNER

CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN OF GEO TECHNICAL ENGG.

NAME - MR. JISHNU PAUL
LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION

SIGN OF STRUCTURAL ENGG.

NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. -STER/NKDA/10/00019

SIGN OF STRUCTURAL REVIEWER

NAME - MR. MAINAK MAJUMDAR
LICENSE NO. -STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. 633, RECORDED UNDER KHATIAN NO. 2524 OF MOUZA- ATGHARA, J.L.- 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN OF ARCHITECT

MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING

TITLE :- TYP. FLOOR BEAM, SLAB LAYOUT
TYP. STAIR DETAIL(BLOCK-1)

PROJECT

RESIDENTIAL PLAN OF (B+G+XVIII) STORED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO. - 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, JL NO. - 02, TOUZI NO.- 2998 , POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.



AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHANANTALA ROAD
KOLKATA 700029

DRAWN BY:- SS

DRG. NO:-JAGARDANGA/MS/ST-07

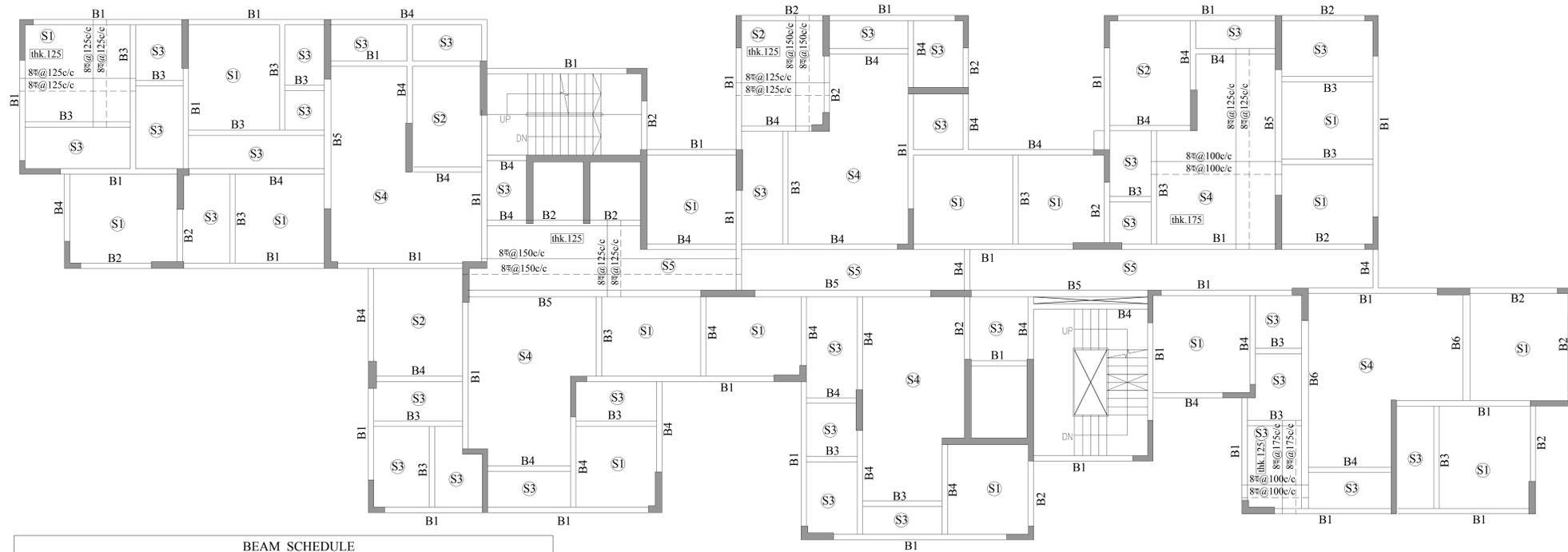
APPROVED BY:- MM

SCALE:- 1:100,25

DATE:- 07.01.2025

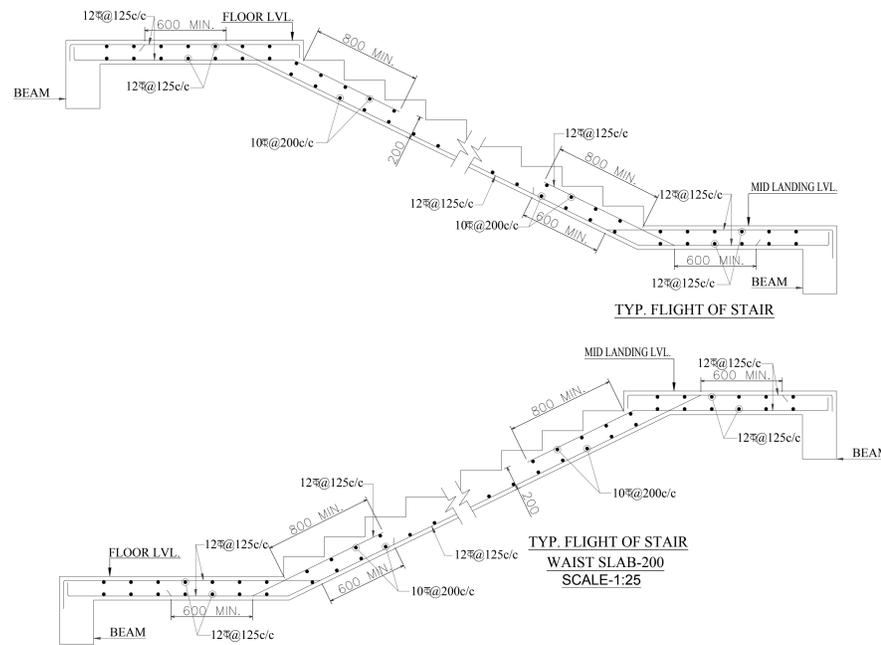


BLOCK-2



TYP. FLOOR BEAM ARRANGEMENT (BLOCK-2)
SLAB THK.125 OTHERWISE MENTION.

BEAM SCHEDULE		
BEAM MKD	SECTION AT SUPPORT(M30)	SECTION AT SPAN(M30)
B-1 200x500		
B-2 200x500		
B-3 200x500		
B-4 200x500		
B-5 200x500		
B-6 250x500		
B-7 200x500		



TYP. FLIGHT OF STAIR

TYP. FLIGHT OF STAIR
WAIST SLAB-200
SCALE-1:25

SIGNATURE OF OWNER

CERTIFICATE OF GEO - TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED 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 & THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGN. OF GEO TECHNICAL ENGG.
NAME - MR. JISHNU PAUL
LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED 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 & THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGN. OF STRUCTURAL ENGG.
NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. -STER/NKDA/10/00019

SIGN. OF STRUCTURAL REVIEWER
NAME - MR. MAINAK MAJUMDAR
LICENSE NO. -STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. 633, RECORDED UNDER KHATIAN NO. 2524 OF MOUZA- ATGHARA, J.L.- 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN. OF ARCHITECT
MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING

TITLE :- TYP. FLOOR BEAM, SLAB LAYOUT
TYP. STAIR DETAIL(BLOCK-2)

PROJECT
RESIDENTIAL PLAN OF (B+G+XVII) STORIED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO.- 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, J.L. NO. - 02, TOUZI NO.- 2998 , POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.

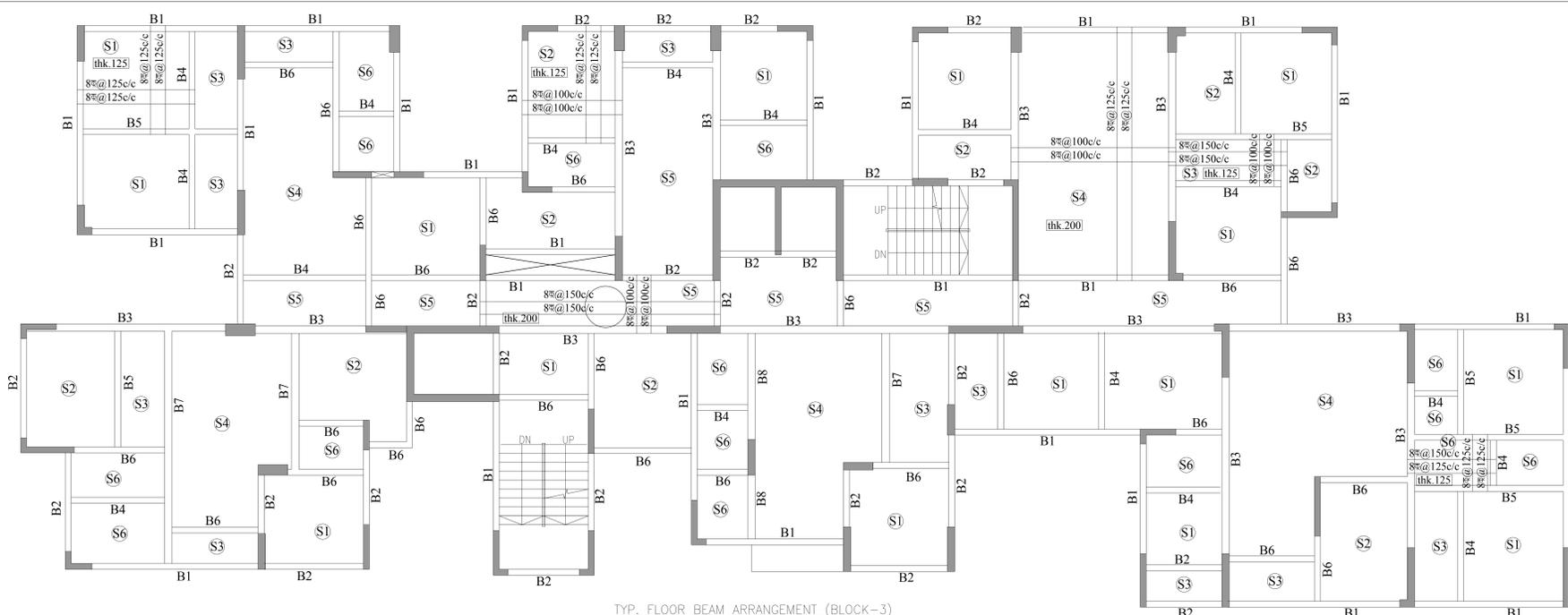
AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHAMANTALA ROAD
KOLKATA 700029

DRAWN BY:- SS DRG. NO:-JAGARDANGA/MS/ST-08
APPROVED BY:- MM SCALE:- 1:100,25 DATE:- 07.01.2025



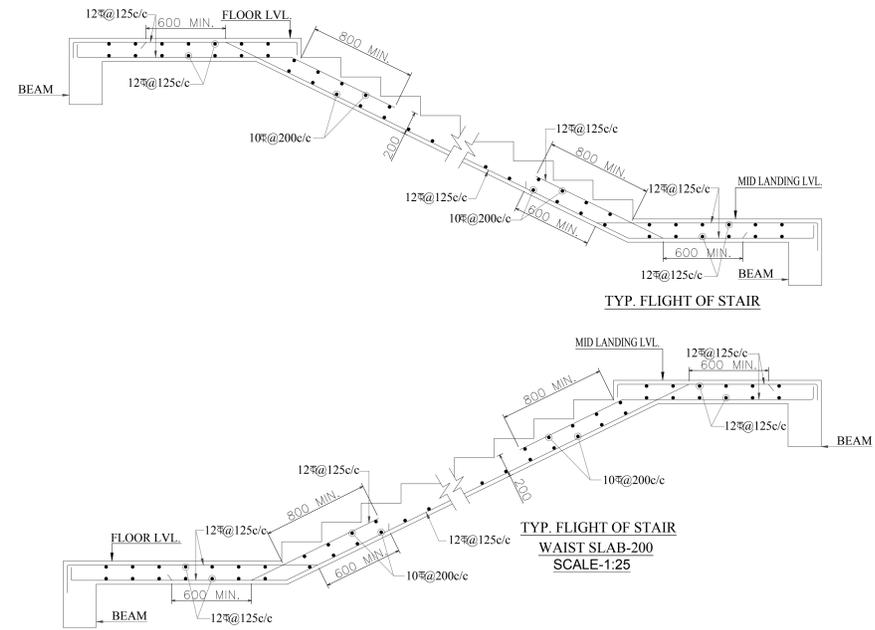
BLOCK-3



TYP. FLOOR BEAM ARRANGEMENT (BLOCK-3)
SLAB THK.125 OTHERWISE MENTION

BEAM SCHEDULE		
BEAM MKD.	SECTION AT SUPPORT(M30)	SECTION AT SPAN(M30)
B-1 200x500		
B-2 200x500		
B-3 250x500		
B-4 200x500		
B-5 200x500		
B-6 200x500		

BEAM SCHEDULE		
BEAM MKD.	SECTION AT SUPPORT(M30)	SECTION AT SPAN(M30)
B-7 250x500		
B-8 250x500		



SIGNATURE OF OWNER
CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN. OF GEO-TECHNICAL ENGG.
NAME - MR. JISHNU PAUL
LICENSE NO. -GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER
CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION

SIGN. OF STRUCTURAL ENGG.
NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. -STER/NKDA/10/00019

SIGN. OF STRUCTURAL REVIEWER
NAME - MR. MAINAK MAJUMDAR
LICENSE NO. -STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT R.S. DAG NOS. 633, RECORDED UNDER KHATAN NO. 2624 OF MOUZA - ATGHARA, JL - 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVAILING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVAILING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

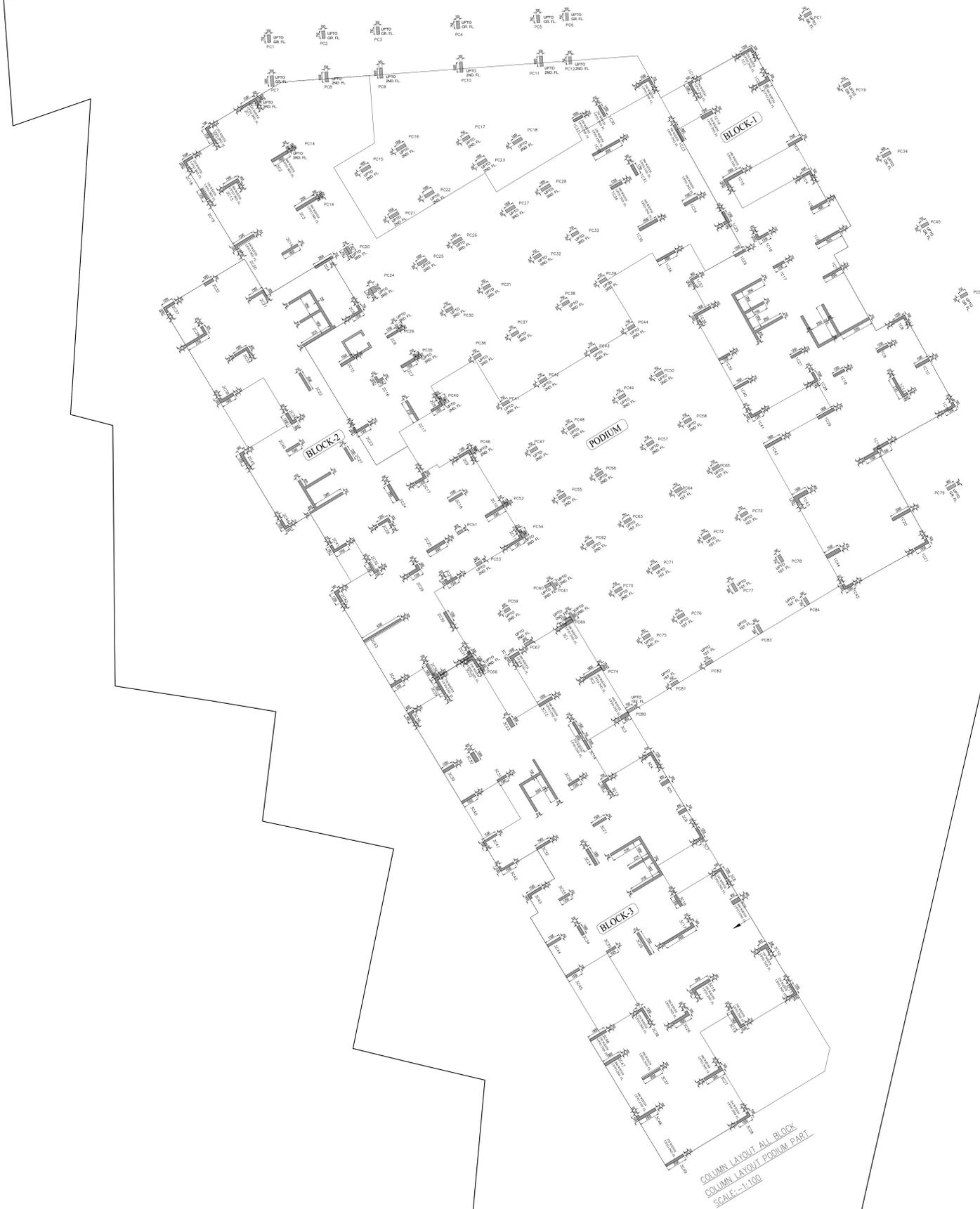
SIGN. OF ARCHITECT
MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING
TITLE :- TYP. FLOOR BEAM, SLAB LAYOUT
TYP. STAIR DETAIL (BLOCK-3)
PROJECT
RESIDENTIAL PLAN OF (B+G+XVIII) STORIED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO.- 4317,4318,4319,4320,4321,4322,4325,4326,4327,4328,4331,4332,4334, 3459, JL NO. - 02, TOLUI NO.- 2998 , POLICE STATION & POST OFFICE- RAJARHAT , KOLKATA- 700136 , GOPALPUR , KOLKATA, WEST BENGAL.

AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHANANTALA ROAD
KOLKATA 700029
DRAWN BY:- SS DRG. NO.-JACARDANGA/MS/ST-09
APPROVED BY:- MM SCALE:- 1:100,25 DATE:- 07.01.2025





COLUMN LAYOUT ALL BLOCK
COLUMN LAYOUT PODIUM PART
SCALE:- 1/100

SIGNATURE OF OWNER
CERTIFICATE OF GEO-TECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLES FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AFTER EXCAVATION AT SITE SO THAT FOUNDATION IS EXTENDED UP TO THE APPROPRIATE DEPTH THAT HAS BEEN PROPOSED IN THE GEO-TECHNICAL REPORT.

SIGN OF GEO TECHNICAL ENGG
NAME - MR. JISHNU PAUL
LICENSE NO - GTER/NKDA/10/00043

CERTIFICATE OF STRUCTURAL ENGINEER
CERTIFY 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 THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE CONSTRUCTED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS. THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SIGN OF STRUCTURAL ENGG.
NAME - MR. MANOJ KANTI MAJUMDAR
LICENSE NO. - STER/NKDA/10/00019

SIGN OF STRUCTURAL REVIEWER
NAME - MR. MAINAK MAJUMDAR
LICENSE NO. - STER/NKDA/10/00020
STER/NKDA/14/00001

CERTIFICATE OF ARCHITECT
I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT AT P.S. DAG NOS. 4331, RECORDED UNDER KHATA NO. 2524 OF MOUZA - ATOHARA, J.L. - 10, HAVE BEEN PREPARED BY ME COMPLYING WITH THE NEW TOWN KOLKATA PLANNING AREA (BUILDING) RULES, 2014. I ALSO CERTIFY THAT THE PLANS AND DRAWINGS PREPARED BY ME COMPLYING WITH ALL THE PROVISIONS REGARDING THE FIRE PROTECTION AS PER THE PREVALING NATIONAL BUILDING CODE OF INDIA. I SHALL BE HELD RESPONSIBLE IF ANY INCORRECT INFORMATION IS FURNISHED BY ME OR ANY VIOLATION OF PROVISIONS OF THESE RULES OR THE PREVALING NATIONAL BUILDING CODE IS FOUND IN ANY OF THE DRAWINGS AND DOCUMENTS, SIGNED BY ME AND SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGN OF ARCHITECT
MONAL AGRAWAL
REGN. NO. - ACHR/NKDA/10/00020

TYPE OF DRAWING :- CORPORATION DRAWING
TITLE :- COLUMN LAYOUT(ALL BLOCK& PODIUM PART)

PROJECT
RESIDENTIAL PLAN OF (B+G+XVIII) STORED RESIDENTIAL COMPLEX AT MOUZA-GOPALPUR,DAG NO. - 4317,4318,4319,4320,4322,4325,4326,4327,4328,4331,4332,4334, 3459, J.L. NO. - 02, TOUZI NO.- 2998, POLICE STATION & POST OFFICE - RAJARHAT, KOLKATA- 700136, GOPALPUR, KOLKATA, WEST BENGAL.

AGRAWAL & AGRAWAL
BARODA KOLKATA

STRUCTURAL CONSULTANT :- **ADROIT CONSULTANT**
10/3, PANCHGHANTALA ROAD
KOLKATA 700029

DRAWN BY:- SS DRG. NO - AGARDHANA/NS/ST-03
APPROVED BY:- MM SCALE:- 1:100 DATE:- 07.01.2025

