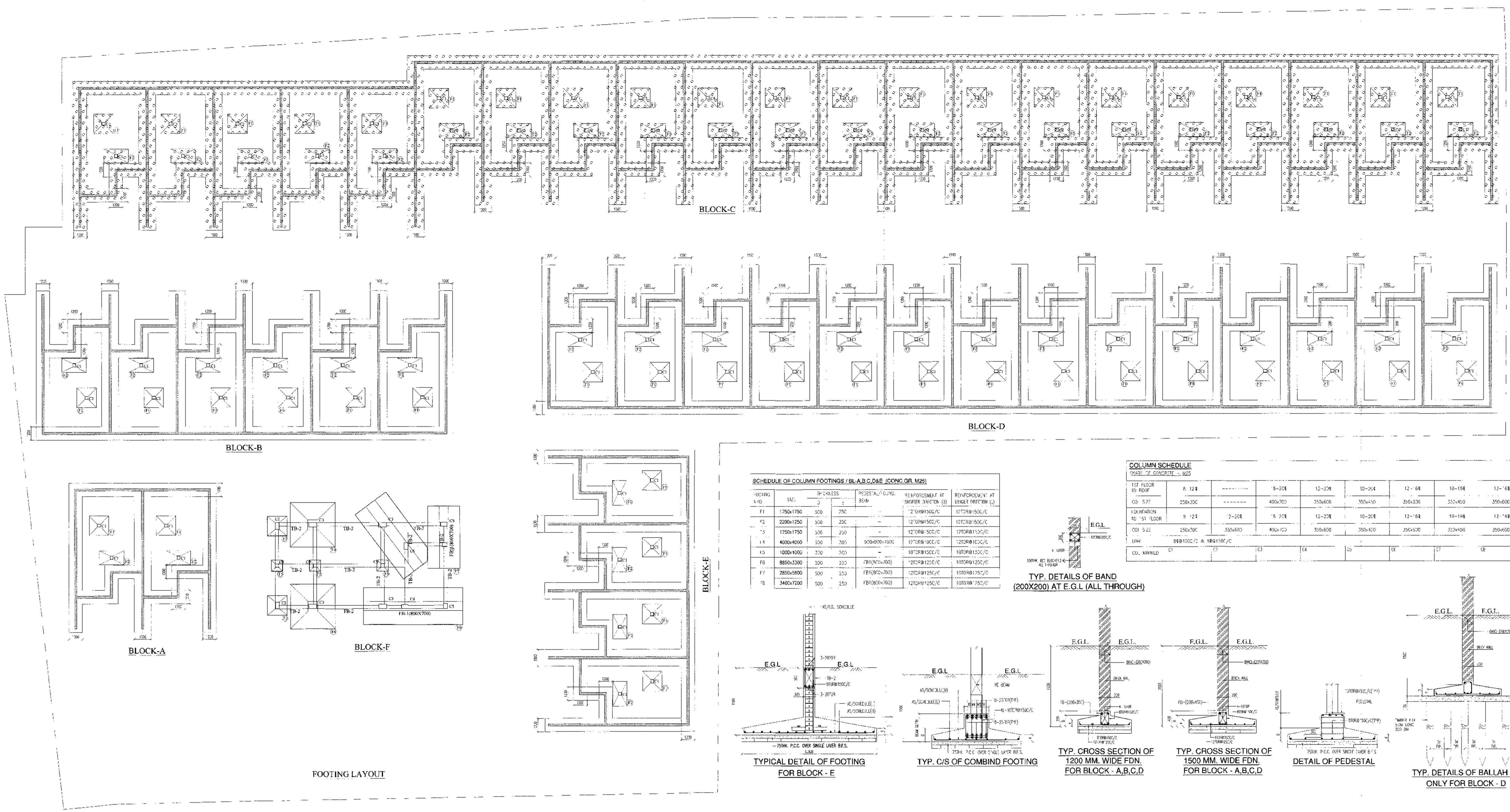
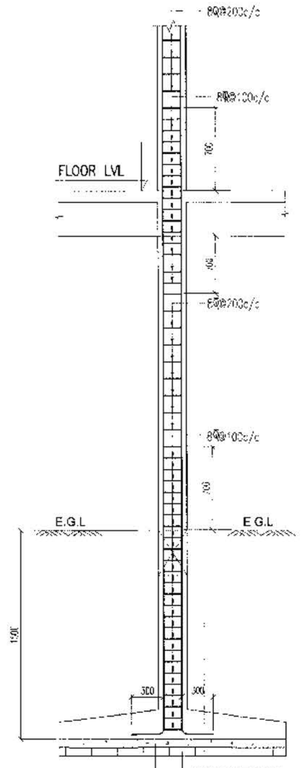




TYPICAL DETAIL OF COLUMN REINFT.

SCHEDULE OF COLUMN FOOTINGS / BL-A,B,C,D&E (CONC.GR. M25)

FOOTING NO.	SIZE	D= DEPTH	PEDESTAL / COLUMN	REINFORCEMENT AT SHORTER DIRECTION (S)	REINFORCEMENT AT LONGER DIRECTION (L)
F1	1750x1750	500	250	12 TORS150C/C	12 TORS150C/C
F2	2200x1250	500	250	12 TORS150C/C	12 TORS150C/C
F3	1750x1750	500	250	12 TORS150C/C	12 TORS150C/C
F4	4000x4000	550	300	900x900x150C	17 TORS100C/C
F5	1000x1000	350	200	-	10 TORS150C/C
F6	8850x3300	500	250	FB1(BOTx700)	12 TORS125C/C
F7	2850x5800	500	250	FB1(BOTx700)	12 TORS125C/C
F8	3400x7200	500	250	FB1(BOTx700)	12 TORS125C/C

COLUMN SCHEDULE

GRADE OF CONCRETE :- M25

1ST FLOOR TO ROOF	8-12 ϕ	-------	8-20 ϕ	12-20 ϕ	10-20 ϕ	12-16 ϕ	10-16 ϕ	12-16 ϕ
GD TO 1ST FLOOR	250x350	-------	400x700	350x600	350x450	350x600	350x450	350x600
FOUNDATION TO 1ST FLOOR	8-12 ϕ	2-20 ϕ	8-20 ϕ	12-20 ϕ	10-20 ϕ	12-16 ϕ	10-16 ϕ	12-16 ϕ
COL SIZE	250x700	350x600	400x700	350x600	350x450	350x600	350x450	350x600
LINK	8ϕ@100C/C & 8ϕ@150C/C							8-12 ϕ (EACH SIDE) TO 'L' BEAM
COL. MARK/NO	C1	C2	C3	C4	C5	C6	C7	C8	C9

TYP. DETAILS OF BAND (200X200) AT E.G.L (ALL THROUGH)

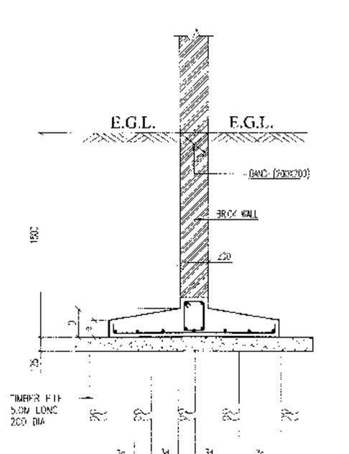
TYPICAL DETAIL OF FOOTING FOR BLOCK - E

TYP. C/S OF COMBIND FOOTING

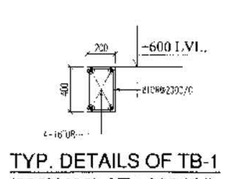
TYP. CROSS SECTION OF 1200 MM. WIDE FDN. FOR BLOCK - A,B,C,D

TYP. CROSS SECTION OF 1500 MM. WIDE FDN. FOR BLOCK - A,B,C,D

DETAIL OF PEDESTAL



TYP. DETAILS OF BALLAH PILE ONLY FOR BLOCK - D



TYP. DETAILS OF TB-1 (200X400) AT +600 LVL.

NOTES :-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE INVESTIGATED BEFORE COMMENCING THE WORK.
3. ALL DIMENSIONS AS PER BUILDING PLAN.
4. ALL GRADE OF CONCRETE M25
5. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES
6. FOR STEEL GRADE Fe 500 AS PER I.S 1786-1979.
7. ALL TORSION BARS ARE 8 NOS 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
8. ALL STIRRUPS ARE 10 & ARE TO BE PROVIDED WHEREVER REQ. PER.
9. ALL TIES BARS ARE 8 NOS 200 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL STIRRUPS BARS ARE 8 NOS 200 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
11. LAPS, TIE BARS & BEAM LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
12. FOUNDATION & PLINTH BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:5 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO ANY REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION RAFT & SLAB	50	50	50
b. COLUMN			40
c. FLOOR BEAM	30	30	30
d. TIE BEAM	30	30	30
e. FLOOR SLAB	20	20	20

SIGNATURE OF PLOT OWNER

PSHRI. PAL

DP. NO. - 67/20

ADDRESS:

NORTH BARABARI PALMORA, MANIKPAL

P.O.- BARJORA, P.S. - JAMURIA,

DIST. - PURULIA

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. K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURE STABILITY DURING AND AFTER CONSTRUCTION.
4. IF ANY SUBMITTED DOCUMENT IS FOUND TO BE FAKE, THE K.M.C. AUTHORITY HAS RIGHT TO CANCEL THE SANCTION PLAN.
5. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK EXECUTED UNDER THE GUIDANCE OF ARCHITECT & E.S.E

NORTECH PROPERTY PVT. LTD.

ANJANI MOHAN DUTTA
DIRECTOR
CONSTITUTED ATTORNEY OF
BHAGIRATH NAHAR PVT. LTD. AND 23 OTHERS

NAME OF OWNER

ANJANI MOHAN DUTTA (DIRECTOR)

DIRECTOR OF NORTECH PROPERTY PVT. LTD. CONSTITUTED ATTORNEY FOR BHAGIRATH NAHAR PVT. LTD. & 23 OTHERS

ADDRESS:

P.C. ELDR. ROAD, CHANDAL HOUSE,

KOLKATA - 700001.

CERTIFICATE OF STRUCTURAL ENGINEER

CERTIFIED THAT, THE STRUCTURAL DESIGN & DRAWINGS OF RAFT FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME, CONSIDERING ALL PROBABLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS.

SANJIV J. PAREKH
M.E.(STRUCTURAL ENGG.)
REG. NO. - 19/07/1994
L.S.E. No. - 84 (N.S.W.)

SIGNATURE OF STRUCTURAL ENGINEER

SANJIV J. PAREKH,
E.S.E. I (104).

ADDRESS:

34 RAMMOHAN SARAI ROAD,
KOLKATA - 700009.

CERTIFICATE OF ARCHITECT

THE L.P.A. HAS CERTIFIED (+) THE PLAN ISSUED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF KMC RULE, BUILDING BYE-LAWS AND THAT THE SITE CONDITION DELINEATED THE WORK IN THE SANCTIONED ZONE CONFORM WITH ALL PLAN AND IT IS A FREE ARTESIAN AND NOT A TANK OR A FILLED UP TANK

Rajkumar Agarwal
Architect
Member of Council of Architecture (COA) No. I / 17960

SIGNATURE OF ARCHITECT

RAJ KUMAR AGARWAL

COA NO. - REGISTRATION NO. CA/94/ 7042

ADDRESS:

RAJ AGRAWAL & ASSOCIATES

210, HOWRAH STREET (2ND FLOOR),

KOLKATA - 700001.

PROJECT

PROPOSED G+3 STORIED (8.7 M.) RESIDENTIAL & CHS (PROVIDED LIFT-4P, M.) AMENITIES BUILDING AT P /12 /3, DEN SARANI, MOUZA- KALIA, UNDER R.S. DAG NO.-826(PLR. NO)/1078, R.S. KHATIAN NO.-907 & 884, TAUZI NO.- 98, & R.S. NO - 338, J.L. NO - 22, CORRESPONDING TO L.R. DAG NO. - 840 & 867, L.R. KHATIAN NO.-7075,7076,7077,7078,7079,7080,7081, 7082,7083,7084,7085,7086,7087,7088,7089,7090,7091,7092, 7093,7094,7095, 7096,7097,7098,

BOROUGH - VIII, P.S. - PATULI,

DIST - 24 PARGANAS(SOUTH) WITHIN THE K.M.C.

PRE. NO. - 9/10/5, VENI SARANI, WARD NO.- 143,

KOLKATA - 700104.

TITLE

STRUCTURAL LAYOUT PLAN FOOTING & COL. SCHEDULE

ARCHITECTS

RAJ AGRAWAL & ASSOCIATES

210, HOWRAH STREET,

KOLKATA-16

STRUCTURAL ENGINEERS

S.P.A. CONSULTANTS

24, RAM MOHAN DUTTA ROAD

KOLKATA - 700025, PH. NO.-2485-5648, 7483-5549,

E-MAIL: spa_cons@yahoo.co.in

DRAWN BY - Dev / Nil	CHECKED BY	DATE	SCALE : 1:100,25
		17.02.2022	

JOB NO.	2021	219	RAJ/AG	KOLK - 2048

DWG. NO. 2048-219/RAJ/AG/KOLKATA-KOLKA - ST - 01