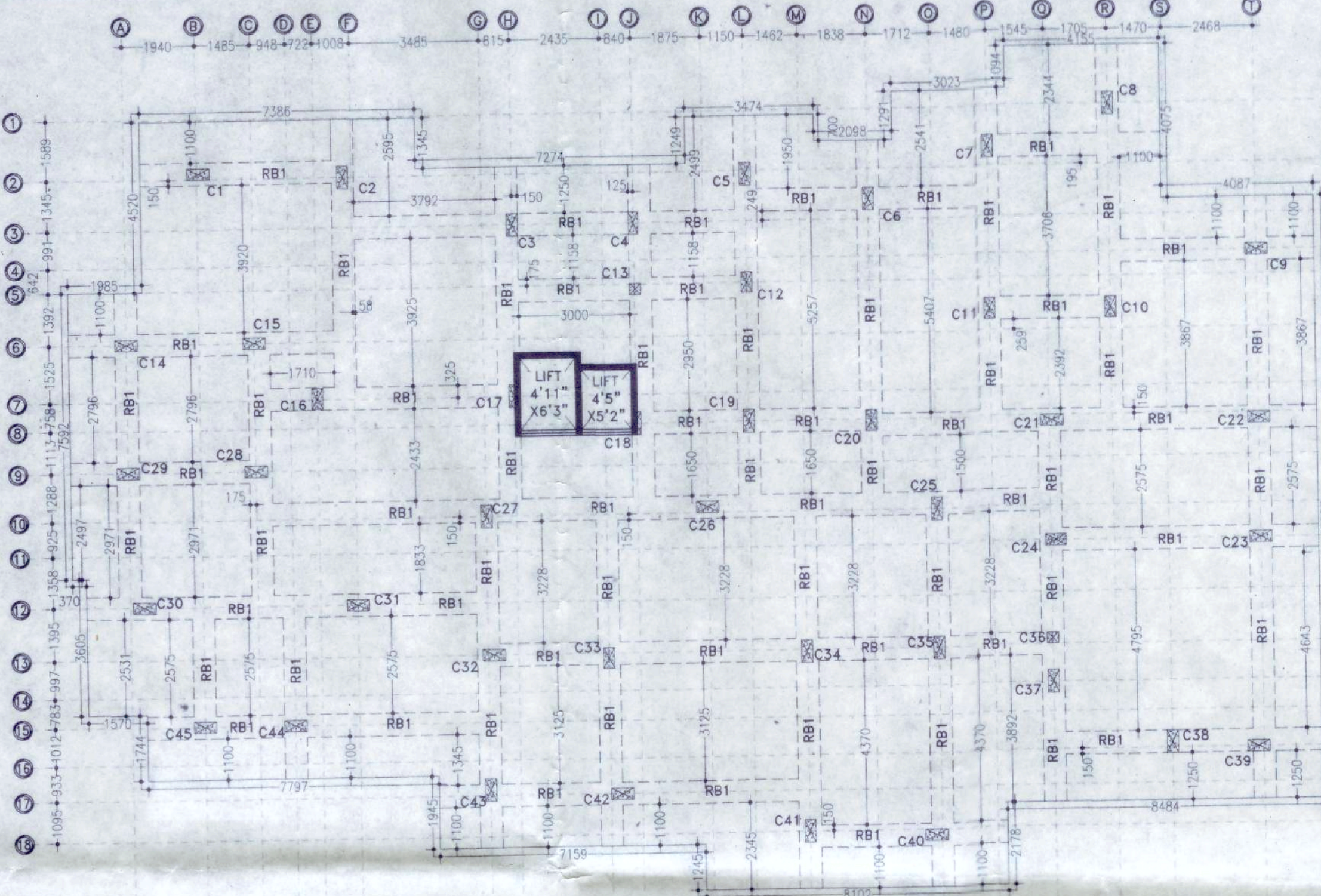


1 COLUMN LAYOUT PLAN
SCALE: 1:100



2 RAFT FOOTING LAYOUT PLAN
SCALE: 1:100

TABLE NO:-01 (SCHEDULE OF COLUMNS)

COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR	4TH FLOOR TO 6TH FLOOR	7TH FLOOR TO ROOF	TIE	SHAPE OF STIRRUPS
C1,C2,C3,C5,C6,C7,C8,C9,C14,C22,C23,C29,C30,C39,C40,C41,C42,C43,C44,C45.	20	600X300				NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8@150C/C (4 NOS. CLOSED LINK PER SET)	
C15,C17,C19,C21,C25,C26,C27,C28,C31,C32,C34,C35,C37,C38.	14	600X300				NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8@150C/C (4 NOS. CLOSED LINK PER SET)	

TABLE NO:-02 (SCHEDULE OF COLUMNS)

COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR	4TH FLOOR TO 6TH FLOOR	7TH FLOOR TO ROOF	TIE	SHAPE OF STIRRUPS
C4,C18.	02	600X250				NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8@75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8@150C/C (4 NOS. CLOSED LINK PER SET)	

TABLE NO:-03 (SCHEDULE OF COLUMNS)

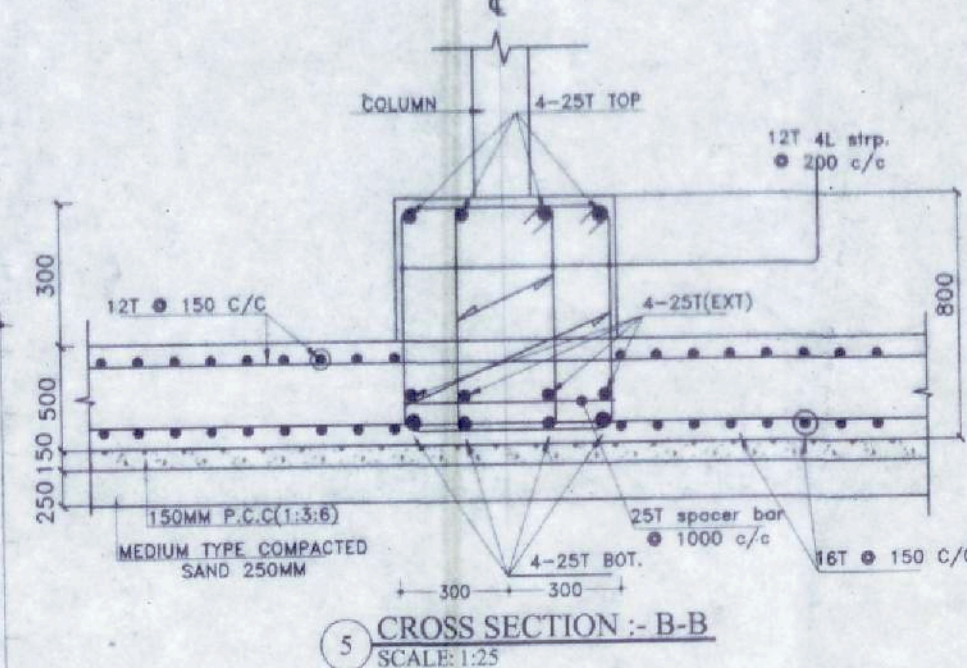
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR	4TH FLOOR TO 6TH FLOOR	7TH FLOOR TO ROOF	TIE	SHAPE OF STIRRUPS
C10,C11,C12,C16,C20,C24,C33.	07	550X300				NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8@75C/C (3 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8@150C/C (3 NOS. CLOSED LINK PER SET)	

TABLE NO:-05 (SCHEDULE OF RAFT BEAMS)

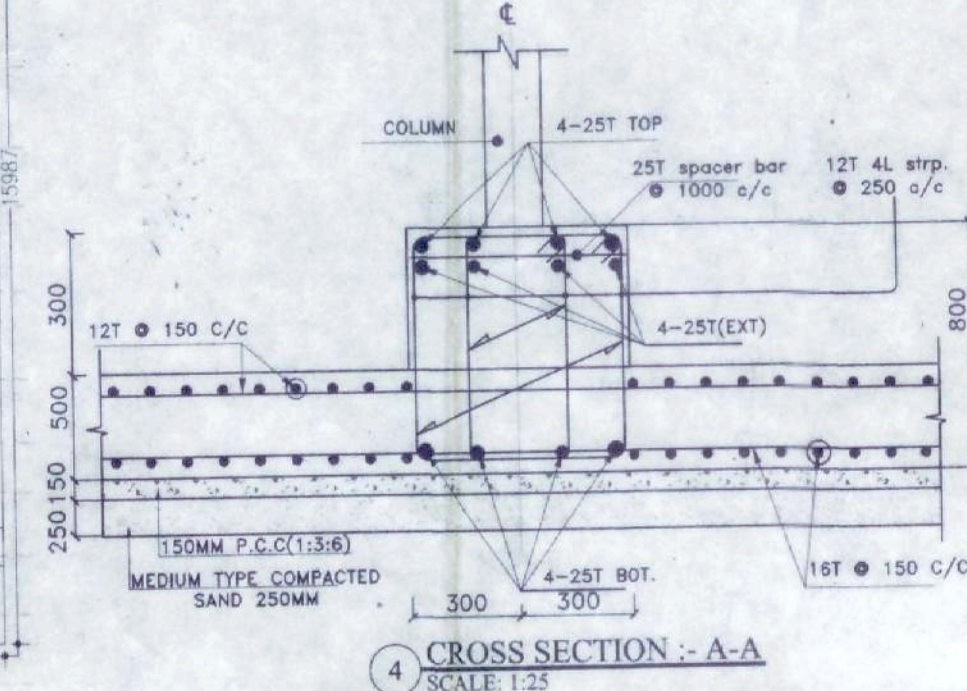
Beam Mkd	Size	All Through	Ext. of End Supp. Both	Ext. of Span Top	Ext. of Cent. Supp. Both	STIRRUPS	Span
RB1	600 800	4-25T	4-25T	4-25T	4-25T	4L-12T@200/c, 4L-12T@250/c	

TABLE NO:-04 (SCHEDULE OF COLUMNS)

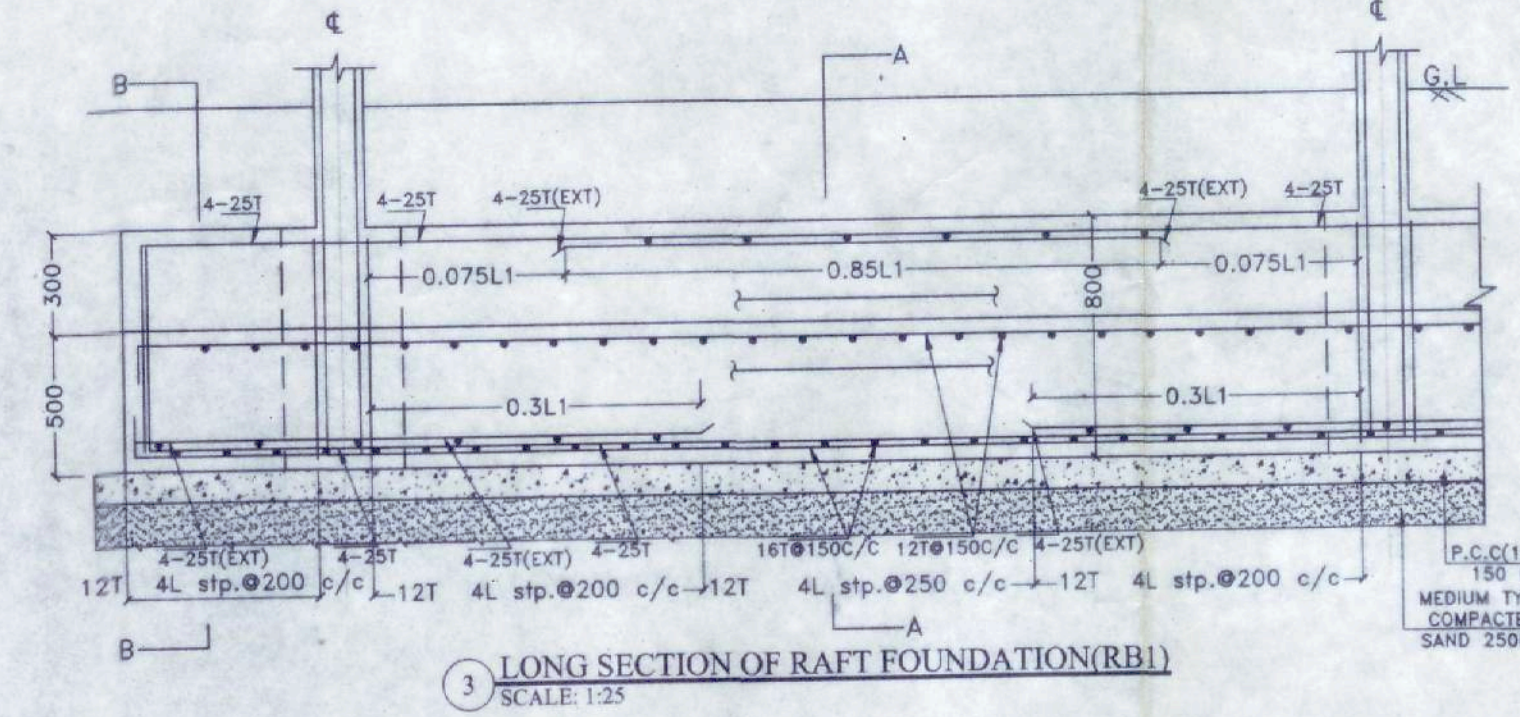
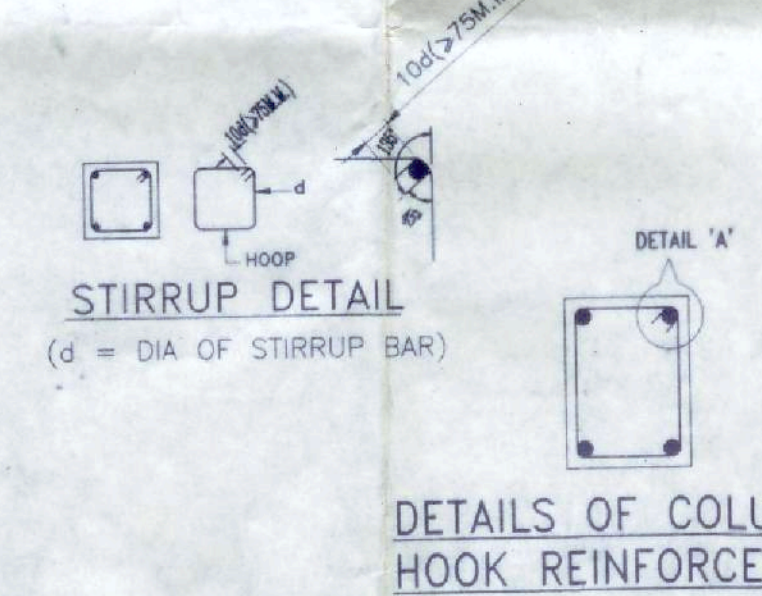
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO ROOF LEVEL	TIE	SHAPE OF STIRRUPS
C13,C36.	02	300X300		NEAR JUNCTION (UPTO 10' LENGTH) LINKS: 8@75C/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8@150C/C (2 NOS. CLOSED LINK PER SET)	



5 CROSS SECTION - B-B
SCALE: 1:25



4 CROSS SECTION - A-A
SCALE: 1:25



3 LONG SECTION OF RAFT FOUNDATION (RB1)
SCALE: 1:25

PROJECT NAME:-
STRUCTURAL DRAWING OF PROPOSED (G+9) TEN STORED RESIDENTIAL BUILDING OF (BLOCK-01) 1) SRI. UJJWAL GHOSH, S/O - LATE SADHU CHARAN GHOSH, 2) SRI. UTTAM KUMAR GHOSH S/O LATE SADHU CHARAN GHOSH, 3) SRI. ANUP GHOSH S/O LATE SADHU CHARAN GHOSH, 4) SMT. MALATI LAHA W/O SRI SUNIL LAHA, 5) SMT. RINA GHOSH W/O SRI MUKTI PADA GHOSH, 6) MR. KRIPAMOHY MONDAL S/O LATE SRISTI DHAR MONDAL, 7) MR. SUBODH GHOSH S/O LATE SAMBUNATH GHOSH, 8) MR. SANJIB KUMAR GHOSH S/O LATE SAMBUNATH GHOSH, 9) SMT. DIPA GHOSH DASTIDAR W/O MR. PARNESH GHOSH DASTIDAR (DEVELOPED BY ASSUS REALCON & DEVELOPERS) AT J.L. NO-109, R.S. PLOT NO-21, 22, 23, L.R. PLOT NO. - 39, 53, 54, 55 KHATIAN NO-1666, 2486, 2680, 2681, 2682, 2301, 2298, 2299, 2300, MOZA-SHANKARPUR, P.S. - NEW TOWNSHIP.

- NOTES :-
- (±) 0.00 m LEVEL REFERS TO E.G.L.
 - UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER, EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH), HOWEVER ARCHITECTURAL DRAWING TO BE COORDINATED FOR ALL LEVELS.
 - ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
 - ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 - UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH = 50x BAR DIA.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
a) Beam:- 25 mm, b) Column:- 40mm, c) Slab:- 15mm, d) Footing:- 50mm, e) R.C.C. Wall:- 20 mm, f) Stair:- 20mm.
 - Grade of concrete will be m30 for column and m25 for beam and sub structure as per IS: 456:2000.
 - Development length 50d for lap & splices should be provided as per the provisions laid down in SP34:1987

VETTED BY:-

DR. S. N. MUKHERJEE
Professor
CIVIL ENGINEERING DEPT.
JALPAIGURI UNIVERSITY,
KOLKATA-700032, (W.B)

TITLE:-
COLUMN & FOOTING LAYOUT PLAN, SCHEDULE OF COLUMN & GRADE BEAM, SECTION DETAILS OF FOOTING & GRADE BEAM, SCHEDULE OF FOOTING.

SIGNATURE OF ARCHITECT:-

Himanshu Ghosh
Consultant Civil Engineer (Class-A)
Lic No. LB/PN/163/AMC/DMC/BDP/185
DCE, B-TECH, G.I.D.S., Durgapur-16
Contact No. - 833293331

SIGNATURE OF GEO-TECHNICAL ENGINEER:-

MANOJ MAITY
Civil / Geotechnical Engineer
Lic. No. MGS - 144273
Lic. No. - LPN/162/AMC
G.I.D.S., Durgapur - 16

SIGNATURE OF STRUCTURAL ENGINEER:-

HIMANSHU GHOSH
Structural Engineer
Lic. No. LB/PN/163/AMC/DMC/BDP/185
DCE, B-TECH, G.I.D.S., Durgapur-16
Contact No. - 833293331

SIGNATURE OF DEVELOPER/OWNER:-
1. Ujjwal Ghosh
2. Uttam Kumar Ghosh
3. Anup Ghosh
4. Malati Laha
5. Rina Ghosh
6. Dipa Ghosh Dastidar
7. Kripamohy Mondal
8. Sanjib Kumar Ghosh
9. Dipa Ghosh Dastidar



GIDS Engineering Pvt. Ltd.
(AN ORGANIZATION OF CONSULTANT ENGINEERS)
E-mail Id:- gidsbengal@gmail.com & gidsbengal.project@gmail.com
SPECIALIST IN CONSULTING, STRUCTURAL DESIGN, SURVEYING & SOIL INVESTIGATING
OFFICE:- C-29, 4th street, Doctor's Colony, City Centre Durgapur - 713216
Contact No:- +919333233331, +917899981940

SCALE : 1:100, 1:50, 1:25, N.T.S.
REV-00
DATE : 26.02.2021
SHEET NO:- GIDS/BLOCK-01/STRU 01-02

Approved Plan No. 27 in Meeting (Rev) No. 12/2022-21 Date 08/02/2021 Valid upto 26/10/2023
Mehlika Laha
Pradhan
Jemua Gram Panchaya

Approved Plan No. 25 in Meeting (Rev) No. 12/2022-21 Date 08/02/2021 Valid upto 08/10/2023
Mehlika Laha
Pradhan
Jemua Gram Panchaya