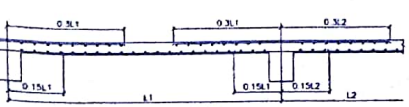
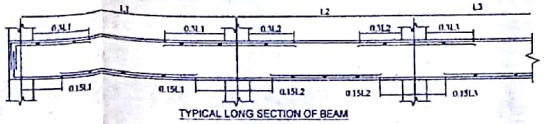
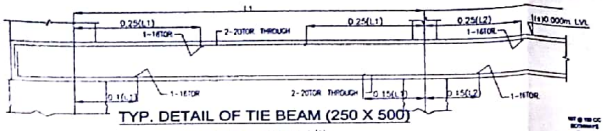


TYPICAL SECTION OF SLAB

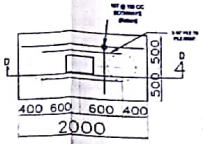


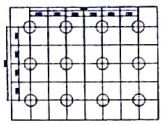
TYPICAL LONG SECTION OF BEAM

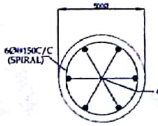


TYP. DETAIL OF TIE BEAM (250 X 500)

(ALL STIRRUPS 2L-8TOR @150C/C)



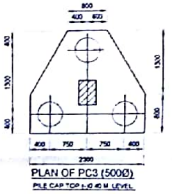




SECTION A-A

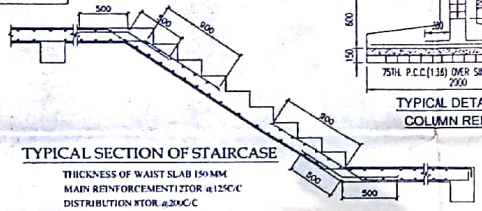
SCALE 1:25

TYPICAL CROSS SECTION OF STRIP FOUNDATION



PLAN OF PC3 (5000)

PILE CAP TOP 1.0 M LEVEL

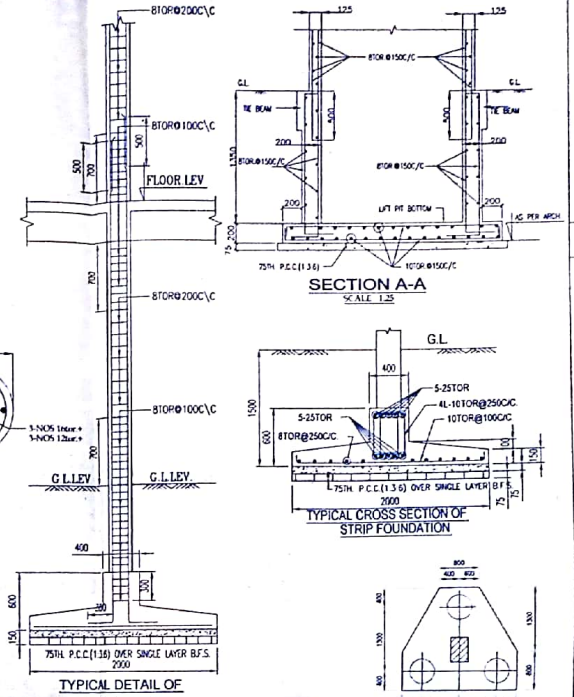


TYPICAL SECTION OF STAIRCASE

THICKNESS OF WAIST SLAB 150 MM

MAIN REINFORCEMENT12TOR @125C/C

DISTRIBUTION 8TOR. @200C/C



TYPICAL DETAIL OF COLUMN REINFT.

SCHEDULE OF BEAMS

BEAM MARK	SIZE	AT LEFT SUPPORT		AT MID SPAN		AT RIGHT SUPPORT		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	
B1	250 X 400	2-16TOR.+ 1-12TOR.	2-16TOR.	2-16TOR.	2-16TOR.+ 1-12TOR.	2-16TOR.+ 1-12TOR.	2-16TOR.	2L-8TOR.@150C/C
B2	250 X 400	4-16TOR.	2-16TOR.	2-16TOR.	2-16TOR.+ 2-12TOR.	4-16TOR.	2-16TOR.	2L-8TOR.@150C/C
B3	250 X 400	5-16TOR.	2-16TOR.	2-16TOR.	4-16TOR.	5-16TOR.	2-16TOR.	2L-8TOR.@150C/C
SB1	250 X 300	2-16TOR.	2-16TOR.	2-16TOR.	2-16TOR.+ 1-12TOR.	2-16TOR.	2-16TOR.	2L-8TOR.@150C/C
SB2	250 X 150	2-16TOR.	2-16TOR.	4-16TOR.	4-16TOR.	2-16TOR.	2-16TOR.	2L-8TOR.@150C/C

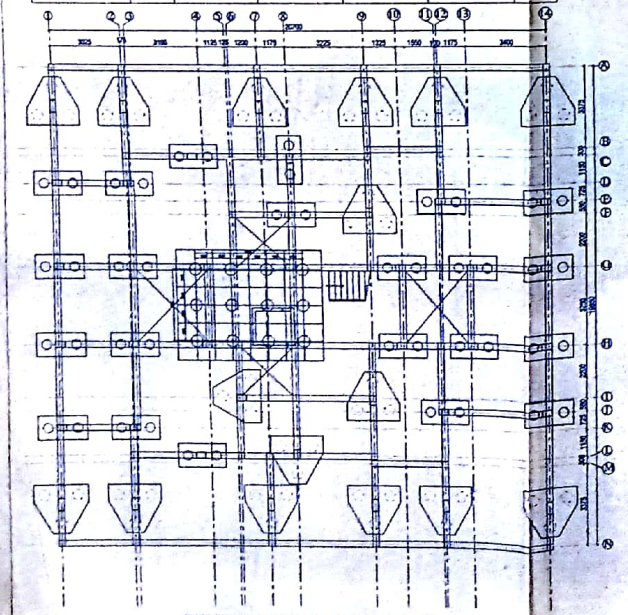
SCHEDULE OF SLABS

SLAB MARKS	THICKNESS (mm)	AT SHORTER DIRECTION		AT LONGER DIRECTION	
		TOP OVER SUPPORT	BOTTOM AT SPAN	TOP OVER SUPPORT	BOTTOM AT SPAN
S1	100	8TOR.@200 C/C	8TOR.@200 C/C	8TOR.@175 C/C	8TOR.@200 C/C
S2	100	8TOR.@125 C/C	8TOR.@200 C/C	8TOR.@125 C/C	8TOR.@175 C/C
S3	125	8TOR.@125 C/C	8TOR.@125 C/C	8TOR.@125 C/C	8TOR.@175 C/C

PROVIDE DISTRIBUTION 8TOR. @ 200 C/C WHERE NECESSARY

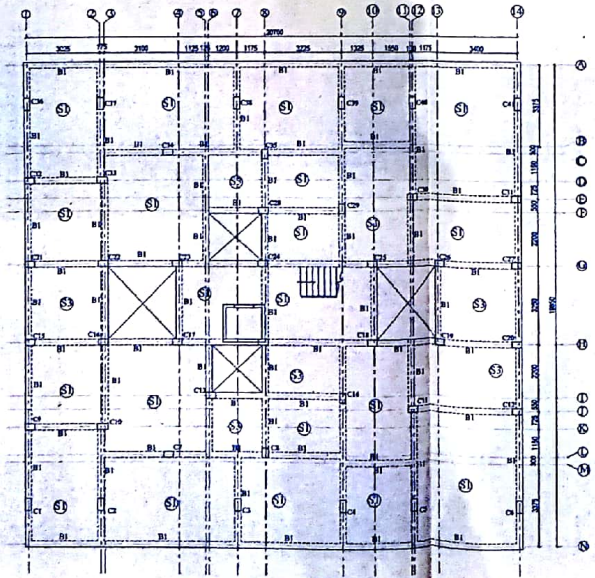
SCHEDULE OF COLUMNS

COLUMN MARK	SIZE	MAIN REINFORCEMENT				TOTAL STEEL %
		FOUNDATION TO 1ST FL.	1ST FL. TO 2ND FL.	2ND FL. TO 3RD FL.	3RD FL. TO ROOF	
C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C35,C36	250 X 400	6-16TOR.+4-12TOR.	6-16TOR.+4-12TOR.	6-16TOR.+4-12TOR.	6-16TOR.+4-12TOR.	1.90%



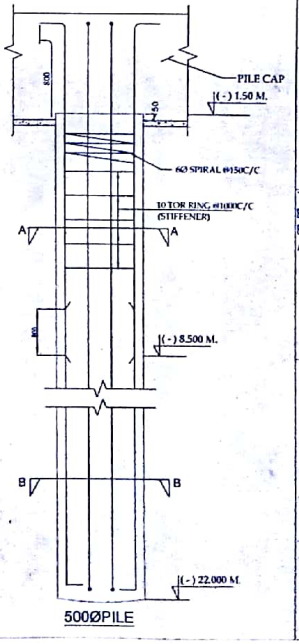
FOUNDATION & TIE BEAM LAYOUT PLAN

ALL TIE BEAM (250 X 400)



TYPICAL FLOOR SHUTTERING PLAN

(1st. to 4th. floor)



500ØPILE

PROPOSED G +IV STORIED RESIDENTIAL BUILDING PLAN AT THE PLOT OF LAND AT R.S & L.R. DAG NO-1248, 1249, 1250 & 1252.L.R. KHATIAN NO-5524,5525,5526,5527,5528,5533, 5534,5535,5536,5537,5579 & 5580, MOUZA- REKJUANI, J.L. NO-13, P.S. - RAJARHAT, WITHIN RAJARHAT BISHNUPUR 1 NO. GRAM PANCHYET.

NAME OF OWNERS

1. ASIT KUMAR PAL
2. SANKAR KUMAR PAL
3. RADHA RANI BOSE.
4. SHYAMALI PAUL
5. CHAITALI PAL.
6. JHUNU PAL.
7. CHHANDOSHREE PAL.
8. AMAR PAL.
9. PAPPU PAL.
10. PARTHA PAL
11. PARITOSH PAL
12. MANJUSHREE PAL
13. PIJUSH PAL
14. UTPAL PAL.

NOTES -

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
2. SUPER STRUCTURE SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN CEMENT MORTAR.
3. ALL GRADE OF CONCRETE M20.
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S.CODES.
5. FOR STEEL GRADE Fe 415 MS FOR I.S.1786:2008.
6. LAPS, SPLICE & HOOKS LENGTH SHOULD BE SEEN WHERE IT IS THE SMALLEST SAFE.
7. FOUNDATION & PLINTH BRICK WORK 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. SLAB	20	20	20
f. PILE			50
f. PILECAP	50	50	50

Amar Pal & Others
Utpal Kumar Pal
Paritosh Pal & Others

CONSTITUTED POWER OF ATTORNEY

SIGNATURE OF OWNER'S

RE-VALID For 2 (Two) years

APPROVED

10/2018

Rajarhat Bishnupur 1 No. Gram Panchayet

SIGNATURE OF PANCHAYET PRODHAN.

THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

K. Sengupta

SIGNATURE OF STRUCTURAL ENGINEER.

ANUPAM MAITI
C.O.A. Registered Architect
CA/2010/68538
anupam.mozaik@yahoo.co.in

SIGNATURE OF ARCHITECT

SUB:-STRUCTURAL DETAILS OF BLOCK- G

NOTE -
ALL DIMENTIONS ARE IN MM.
UNLESS NOTED OTHERWISE
SCALE - 1:100

ARCHITECTS
MOZAIK
P-543, RAJA BASANTA ROY RD
KOLKATA-29
PH NO - 033-40670094-9831180114

DRAWN BY M.A.T.T.M.K.

Scanned by CamScanner