BEAM SCHEDULE AT GROUND FLOOR

GRADE OF CONCRETE - M25

BEAM MKD	BEAM SIZE		REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
GB-1	250	500	4-25¢	4-25¢	2-16¢	4-25¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-2	250	500						
GB-2	250	600						10 ¢ @150C/C
GB-4	250	500	3-20¢	2-20¢	2-20¢	2-20¢+1-16¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-5	250	500	3-20¢	2-20¢	2-20¢	3-20¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-6	500	500	6-25¢	6-25¢	4-25¢	6-25¢	8L-10¢@100C/C	4L-10¢@150C/C
GB-7	250	600	4-20¢	2-20¢	2-20¢	3-20¢	10 ¢ @100C/C	10 ¢ @200C/C
GB-8	500	900	8-25¢	12-25¢	4-25¢	12-25¢	8L-10¢@100C/C	4L-10¢@150C/C
GB-9	250	900	6-25¢	5-25¢	3-25¢	5-25¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-10	250	900	3-25¢	3-25¢	2-25¢	3-25¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-11	250	500	3-25¢	3-25¢	2-25¢	5-25¢	10 ¢ @100C/C	10 ¢ @150C/C
GB-12	500	500	9-25¢	9-25¢	4-25¢	13-25¢	8L-10¢@100C/C	4L-10¢@150C/C
GB-13	500	500	7-25¢	7-25¢	4-25¢	9-25¢	8L-10¢@100C/C	4L-10¢@150C/C
GB-14	500	500	4-25¢	4-25¢	4-25¢	4-25¢	10 ¢ @100C/C	10 ¢ @150C/C

BEAM SCHEDULE AT (TYPL.&1ST FLOOR)

GRADE OF CONCRETE - M25

BEAM MKD	BEAM SIZE		REINFT. AT SUPPT.		REINFT. AT SPAN		STIRRUPS AT SUPPORT	STIRRUPS AT SPAN
	WIDE	DEPTH	TOP	BOTTOM	TOP	BOTTOM		
B1	250	600	7-20¢	3-20¢	3-20¢	5-20¢	10 ¢ @100C/C	10 ¢ @150C/C
B2	250	500	3-16¢	2-16¢	2-16¢	3-16¢	10 ¢ @100C/C	10 ¢ @200C/C
B3	250	500	4-20¢	3-16¢	3-20¢	2-16¢+1-20¢	10 ¢ @100C/C	10 ¢ @200C/C
B4	250	500	5-20¢	3-20¢	3-20¢	3-20¢	10 ¢ @100C/C	10 ¢ @150C/C
B5	250	500	6-25¢	6-25¢	3-25¢	5-25¢	10 ¢ @100C/C	10 ¢ @150C/C
B6	250	500	5-20¢	5-20¢	3-20¢	3-20¢	10 ¢ @100C/C	10 ¢ @150C/C
B7	250	500	4-25¢	4-25¢	4-25¢	4-25¢	10 ¢ @100C/C	10 ¢ @150C/C
B8	125	500	2-20¢	2-20¢	2-20¢	2-20¢	10 ¢ @100C/C	10 ¢ @200C/C
B9	250	600	5-25¢	4-25¢	4-25¢	4-25¢	10 ¢ @100C/C	10 ¢ @150C/C
B10	250	500	5-20¢	5-16¢	3-20¢	3-16¢	10 ¢ @100C/C	10 ¢ @200C/C
B11	125	500	2-16¢	2-16¢	2-16¢	2-16¢	10 ¢ @200C/C	10 ¢ @200C/C
B12	250	500	5-16¢	3-20¢	3-16¢	2-16¢	10 ¢ @150C/C	10 ¢ @150C/C
B13	500	500	4-25¢	6-25¢	4-25¢	6-25¢	8@ ¢@150C/C	10 ¢ @150C/C
B14	250	500	4-25¢	5-20¢	3-25¢	5-20¢	10 ¢ @100C/C	10 ¢ @150C/C
B15	250	500	6-25¢	5-20¢	3-25¢	5-20¢	10 ¢ @100C/C	10 ¢ @200C/C
B16	250	500	3-16¢	2-16¢	2-16¢	2-16¢	10 ¢ @100C/C	10 ¢ @200C/C

SLAB SCHEDULE AT (GROUND FLOOR)

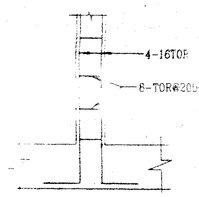
GRADE OF CONCRETE - M25

SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT AT LONGER SPAN
S1	150	10¢ @200C/C ST. 10¢ @200C/C CKD.	10¢ @400C/C ST. 10¢ @400C/C CKD.
S2	175	10¢ @200C/C ST. 12¢ @300C/C CKD.	10¢ @400C/C ST. 12¢ @400C/C CKD.
S3	150	10¢ @400C/C ST. 10¢ @400C/C CKD.	8¢ @300C/C ST. 8¢ @300C/C CKD.
S4	150	10¢ @200C/C ST. 10¢ @200C/C CKD.	10¢ @400C/C ST. 10¢ @400C/C CKD.
S5	175	12TOR@100C/C (Tab)	10¢ @300C/C ST. 10¢ @300C/C CKD.
S6	200	12¢ @200C/C ST. 12¢ @200C/C CKD.	10¢ @300C/C ST. 12¢ @300C/C CKD.

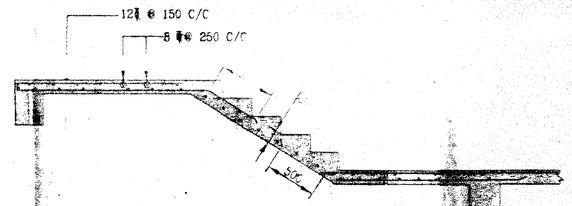
SLAB SCHEDULE AT (TYPL.&1ST FLOOR)

GRADE OF CONCRETE - M25

SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT AT LONGER SPAN
S1	125	10¢ @200C/C ST. 10¢ @200C/C CKD.	8¢ @300C/C ST. 8¢ @300C/C CKD.
S2	115	10¢ @300C/C ST. 10¢ @300C/C CKD.	8¢ @400C/C ST. 8¢ @400C/C CKD.
S3	115	10¢ @300C/C ST. 10¢ @300C/C CKD.	8¢ @400C/C ST. 8¢ @400C/C CKD.
S4	150	10¢ @200C/C ST. 10¢ @200C/C CKD.	10¢ @300C/C ST. 10¢ @300C/C CKD.
S5	125	10¢ @200C/C ST. 10¢ @200C/C CKD.	8¢ @300C/C ST. 8¢ @300C/C CKD.
S6	150	10¢ @200C/C ST. 10¢ @200C/C CKD.	10¢ @300C/C ST. 10¢ @300C/C CKD.



TYPICAL DETAILS OF SC(250x250)

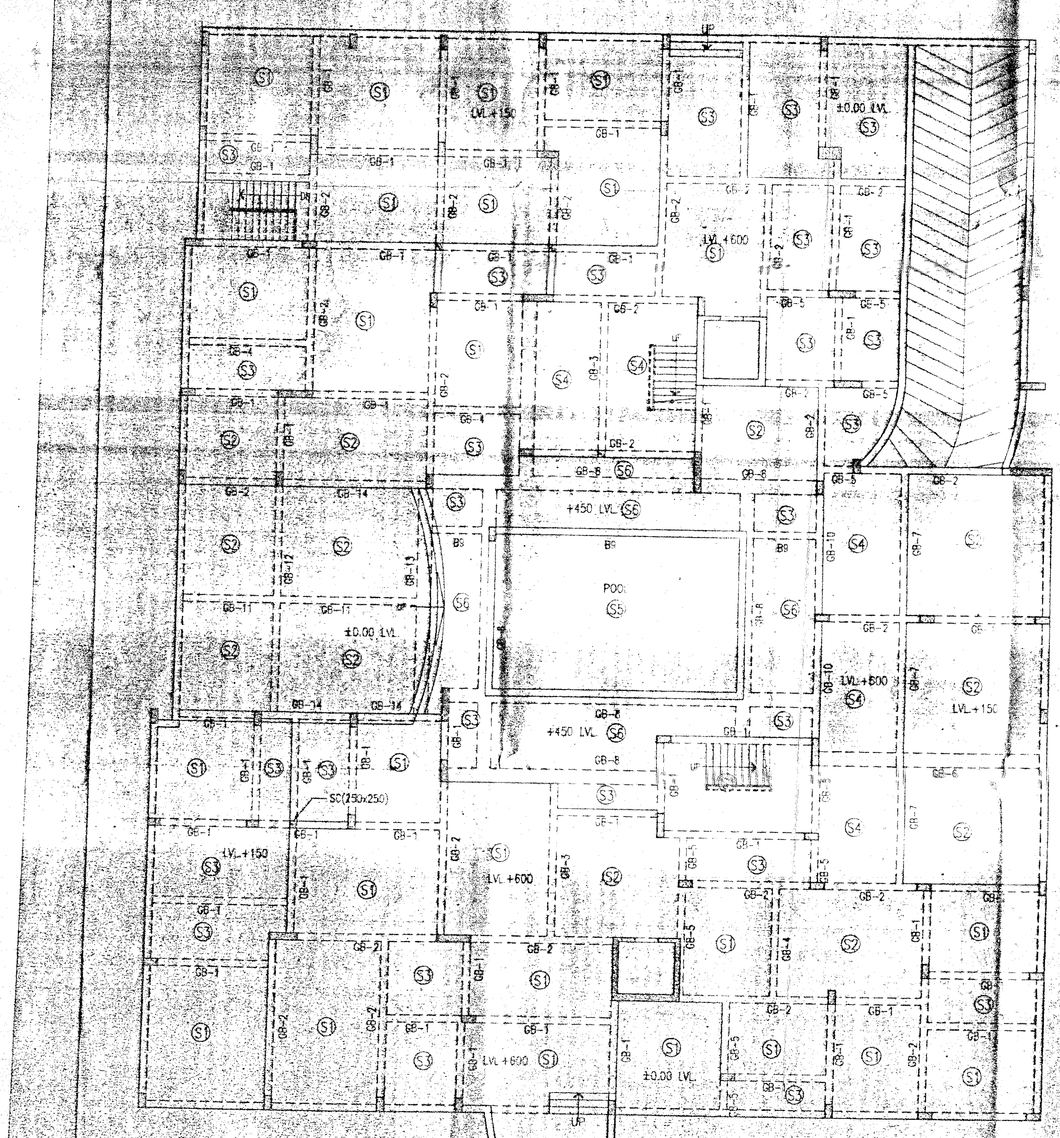


TYPICAL DETAILS OF STAIR

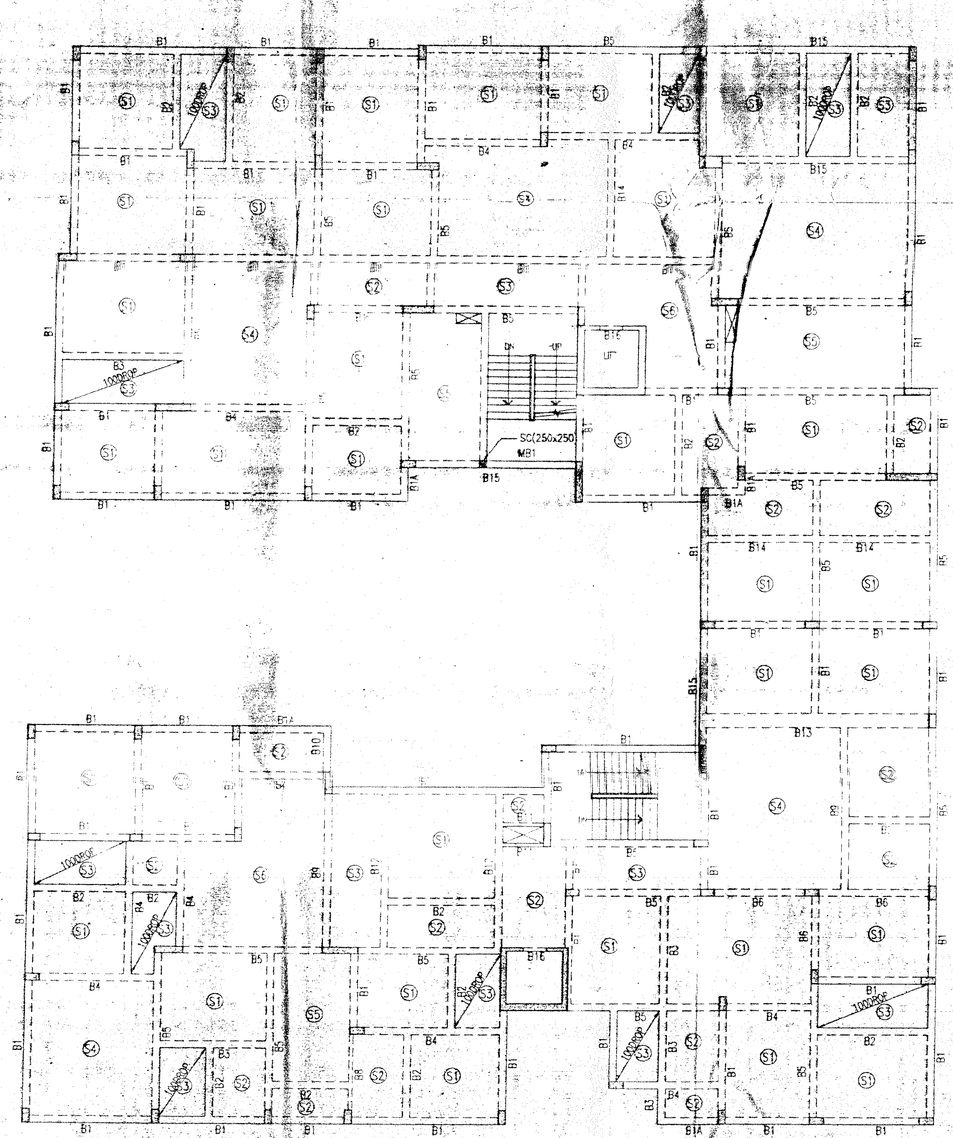
COLUMN SCHEDULE

GRADE OF CONCRETE - M30

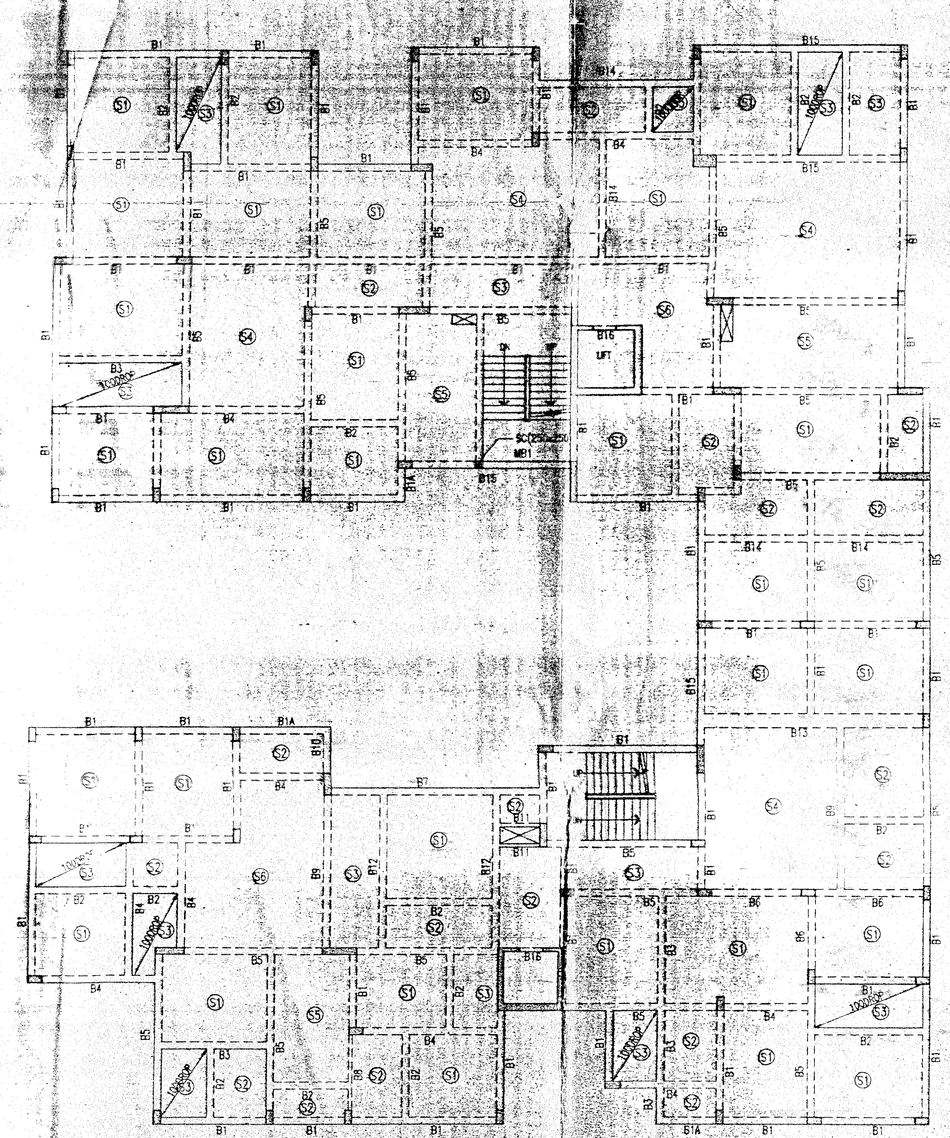
3RD FLOOR TO ROOF	10-16¢	12-16¢	4-20¢+8-16¢	4-20¢+12-16¢	16-16¢	6-20¢+14-16¢	4-25¢+8-20¢	30-12¢	16-25¢	8-16¢+12-12¢	24-12¢	22-16¢	10-16¢+20-12¢		
1ST FLOOR TO 3RD FLOOR	10-20¢	12-20¢	12-20¢	4-25¢+12-20¢	16-20¢	6-25¢+14-20¢	4-25¢+8-20¢	12-20¢+20-12¢	24-25¢+4-20¢	8-16¢+12-12¢	24-16¢	4-25¢+8-25¢	10-20¢+20-16¢		
FOUNDATION TO 1ST FL. LVL	10-25¢	12-25¢	4-25¢+8-25¢	16-25¢	18-25¢	22-25¢	22-25¢	32-20¢	16-25¢	20-16¢	24-20¢	22-25¢	30-20¢	24-25¢ (UP TO 3RD FLOOR)	
COL SIZE	250x500	250x600	250x675	250x750	250x900	250x975	250x1200	250x1765	300x1000	425x825	350X1210	250X1060	250X1450	250X1175	
LINK	8¢ @100C/C AND 8¢ @ 150C/C														
COL MARKED	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	



GROUND FLOOR PLAN



1ST. FLOOR PLAN



TYPICAL FLOOR PLAN

NOTES :-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
2. ANY ANOMALY IN THE DRAWINGS SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
3. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
4. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE FOR SLAB AS/SCHEDULE.
5A. GRADE OF CONCRETE FOR BEAM AS/SCHEDULE.
6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
7. FOR STEEL WHICH FL 250.
8. ALL DISTRIBUTION BARS ARE 8¢@250C/C AND TO BE PROVIDED WHEREVER REQUIRED.
9. ALL CHAIRS ARE 100 AND TO BE PROVIDED WHEREVER REQUIRED.
10. ALL SPACER BARS ARE 2580/900C/C AND TO BE PROVIDED WHEREVER REQUIRED.
11. LAPS, SPLICES & BOND LENGTH SHOULD BE 50D WHERE 'D' IS THE SMALLEST BAR DIA.
12. FOUNDATION & PLINTH :-BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
13. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. COLUMN			40
b. FLOOR BEAM	30	30	30
c. TIE BEAM	30	30	30
d. FLOOR SLAB	20	20	20
e. PILE CAP	50	50	50

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

CERTIFICATE OF OWNER.

CERTIFIED THAT I HAVE COME THROUGH THE BUILDING RULES FOR RAJARHAT DEPALPUR MUNICIPALITY AND ALSO UNDER TAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING.

For ZAFFORDIL PROJECTS PVT. LTD.

Director

SIGNATURE OF OWNER.

CERTIFICATE OF ENGINEER.

CERTIFIED THAT THE FOUNDATION AND THE SUPERSTRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY ME / US TO BE SAFE IN ALL RESPECTS.

SANJIV J. PAREKH
M.E.(STRUCT) B.E.C., ROORKEE (CIVIL)1
MSCE, ASCE, AM-053212
E.G.E. NO. 104 (I) M.M.C.
SIG.OF ENGG.L.B.S.

JAY PRAKASH AGRAWAL
B. ARCH., A. I. A.
Reg. No. CA/86/10099
SIG.OF ARCHITECT.

CERTIFICATE OF LAND

I HAVE PERSONALLY VERIFIED THE SITE AND FOUND IT IS BUILDABLE AND TO MY KNOWLEDGE IT IS NOT A TANK OR FILLED UP TANK.

JAY PRAKASH AGRAWAL
B. ARCH., A. I. A.
Reg. No. CA/86/10099
SIGNATURE OF ARCHITECT

PROJECT

ADDITION & ALTERATION OF
(B+G+V) STORIED RESIDENTIAL
COMPLEX AT MOUJA - TEGHARIA, J.L. NO.9,
L.R. KRISHI KHATIAN NO. -409,352,111,86 &
180, L.R. DAG NO. 480 UNDER RAJARHAT
GOPALPUR MUNICIPALITY.
P.S. - BAGUIATI, DIST.-24 PGS.(N).

TITLE

CORPORATION DRAWING (FLOOR LAYOUT)

ARCHITECTS

AGRAWAL & AGRAWAL

BARODA CALCUTTA

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DRAWN BY :- RANJAN	CHECKED BY :- S.K.ROY	DATE :- 09-12-13	SCALE :- 1:100.00
JOB NO.	2012	101	A&A	34	LAYOUT
DRG. NO.	2012 / 101 / A&A / SI / LABELLA R.D / GS-02 / R0		