

NOTES :-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
3. ALL GRADE OF CONCRETE M40.
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S. CODES.
5. FOR STEEL GRADE Fe 500 AS PER IS 1786-1979.
6. LAPS, SPICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
8. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:
9. THIS DRAWING IS THE PROPERTY OF M/S S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

MEMBER SIDE

MEMBER	TOP	BOTTOM
a. FOUNDATION BEAM & SLAB	50	50
b. COLUMN	40	-
c. THE BEAM	30	30
d. FLOOR BEAM	30	30
e. FLOOR SLAB	20	20
f. PILE	-	50
f. PILE CAP	50	50

FOR: Rama Complex Pvt. Ltd.
 Adv. Constituted Attorney
 Bengal Ghg Nirman Pvt. Ltd.
 Director
 Raj Kumar Agrawal
 L.B.A. No. 38
 88, ROYD STREET, KOL-16

SIGNATURE OF OWNER

SIGNATURE OF L. B. A.

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 RESPECTS.

SANJIV J. PAREKH
 M.E. (STRUCT. & FOUND. CIVIL ENGRG.)
 M.S.C.E.
 M.C.E. (AMIE) (ENGG.) M.S.C.E.
 CHARTERED ENGINEER A.M.-053212
 E.S.E. - (I) H.M.C.

SIGNATURE OF STRUCTURAL ENGINEER

PROJECT
 PROPOSED G+XVIII STORED (59.90 MTR. HT.) RESIDENTIAL BUILDING AT PREMISES NO. (26+27+28)/1, FORESHORE ROAD, P.S. - SHIBPUR, DIST. - HOWRAH, UNDER H.M.C. WARD NO. - 36, BOROUGH NO.- IV, UNDER DAG NO. 193, 206, 207, KH. NO.- 56 (RS), MOUZA - SHIBPUR, SHEET NO. - 94.

CORPORATION DRAWING
 1ST AND 2ND FLOOR BEAM LAYOUT (BLOCK 1 & 2)

ARCHITECTS
 RAJ AGRAWAL & ASSOCIATES
 88, ROYD STREET,
 KOLKATA-16

STRUCTURAL ENGINEERS
 S.P.A. CONSULTANTS
 53, JUSTICE CHANDRA MAHAJAB ROAD
 PH NO 2486-4474, 2475-7614, FAX- 475-2484
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DATE- 30.09.2013
 SCALE : 1:25
 DRAWN BY- *Bidhu*
 CHECKED BY
 JOB NO. S.P.A./RAJ/2013/22
 DRG. NO. S.P.A./RAJ/2013/22/CS-02
 SHEET NO. 10 OF 13



COLUMN SCHEDULE
 GRADE OF CONCRETE - M40

COL MARKED	LINK	COL SIZE	FOUNDATION	2ND FLOOR	5TH FLOOR	8TH FLOOR	11TH FLOOR	15TH FLOOR
C1,C13,C14,C26	8TOR@100C/C & 8TOR@200C/C	350X600	14-25TOR	12-28TOR	12-25TOR+12-28TOR	12-25TOR+12-20TOR	14-25TOR	14-25TOR
C2,C6,C8,C12		400X900	24-28TOR	12-28TOR+12-25TOR	12-25TOR+12-20TOR	12-25TOR+12-16TOR	24-25TOR	12-20TOR+12-16TOR
C3,C4,C5,C9,C10,C11,C16, C7		350X900	12-32TOR+12-28TOR	12-28TOR	12-25TOR+12-20TOR	12-25TOR+12-16TOR	24-16TOR	12-20TOR+12-16TOR
C17,C18,C22,C23,C24		350X750	12-32TOR	12-28TOR	12-25TOR+12-20TOR	12-25TOR+12-16TOR	-	-
C20		400X900	24-32TOR	12-32TOR	12-25TOR+12-20TOR	12-25TOR+12-16TOR	-	-
C15,C19,C21,C25		350X1200	22-32TOR	22-32TOR	14-32TOR+12-28TOR	14-25TOR+8-25TOR	12-20TOR+12-16TOR	22-16TOR
C27,C28,C37,C38		350X1200	22-32TOR	22-32TOR	14-32TOR+8-28TOR	14-25TOR+8-20TOR	14-20TOR+8-16TOR	22-16TOR
C29,C30,C35,C36		350X900	20-28TOR	20-32TOR	12-28TOR+8-28TOR	12-25TOR+8-25TOR	12-20TOR+8-16TOR	20-16TOR
C31		350X900	20-28TOR	20-28TOR	12-28TOR+8-25TOR	12-25TOR+8-20TOR	12-20TOR+8-16TOR	20-16TOR
C32,C33		350X1200	22-32TOR	22-32TOR	12-32TOR+10-28TOR	12-28TOR+10-25TOR	12-20TOR+10-20TOR	12-20TOR+10-16TOR

COLUMN SCHEDULE
 GRADE OF CONCRETE - M40

COL MARKED	LINK	COL SIZE	FOUNDATION	2ND FLOOR	5TH FLOOR	8TH FLOOR	11TH FLOOR	15TH FLOOR
C34	8TOR@100C/C & 8TOR@200C/C	350X900	12-32TOR+10-28TOR	12-32TOR	12-28TOR+8-28TOR	12-25TOR+8-25TOR	12-25TOR+10-20TOR	22-16TOR
C39,C46		350X900	20-32TOR	20-25TOR	12-25TOR+8-28TOR	12-25TOR+8-20TOR	20-16TOR	20-16TOR
C40,C45		350X900	20-32TOR	20-25TOR	12-25TOR+8-25TOR	12-25TOR+8-16TOR	20-16TOR	20-16TOR
C41,C42,C43,C44		350X900	16-28TOR	20-25TOR	10-25TOR+8-20TOR	10-25TOR+8-16TOR	16-16TOR	16-16TOR
C49,C60		350X900	20-28TOR	20-25TOR	10-28TOR+10-25TOR	10-25TOR+10-16TOR	20-16TOR	20-16TOR
C50,C51,C58,C59		350X900	20-28TOR	20-25TOR	10-25TOR+10-20TOR	10-25TOR+10-16TOR	20-16TOR	20-16TOR
C47,C48		350X900	20-25TOR	20-20TOR	10-25TOR+10-20TOR	10-25TOR+10-16TOR	20-16TOR	20-16TOR
C52,C53,C56,C57		350X900	20-28TOR	20-25TOR	10-28TOR+10-25TOR	10-25TOR+10-20TOR	10-25TOR+10-16TOR	10-16TOR+10-12TOR
C54,C55		350X900	22-32TOR	22-28TOR	12-32TOR+10-28TOR	12-28TOR+10-25TOR	12-25TOR+10-20TOR	10-16TOR+10-12TOR

