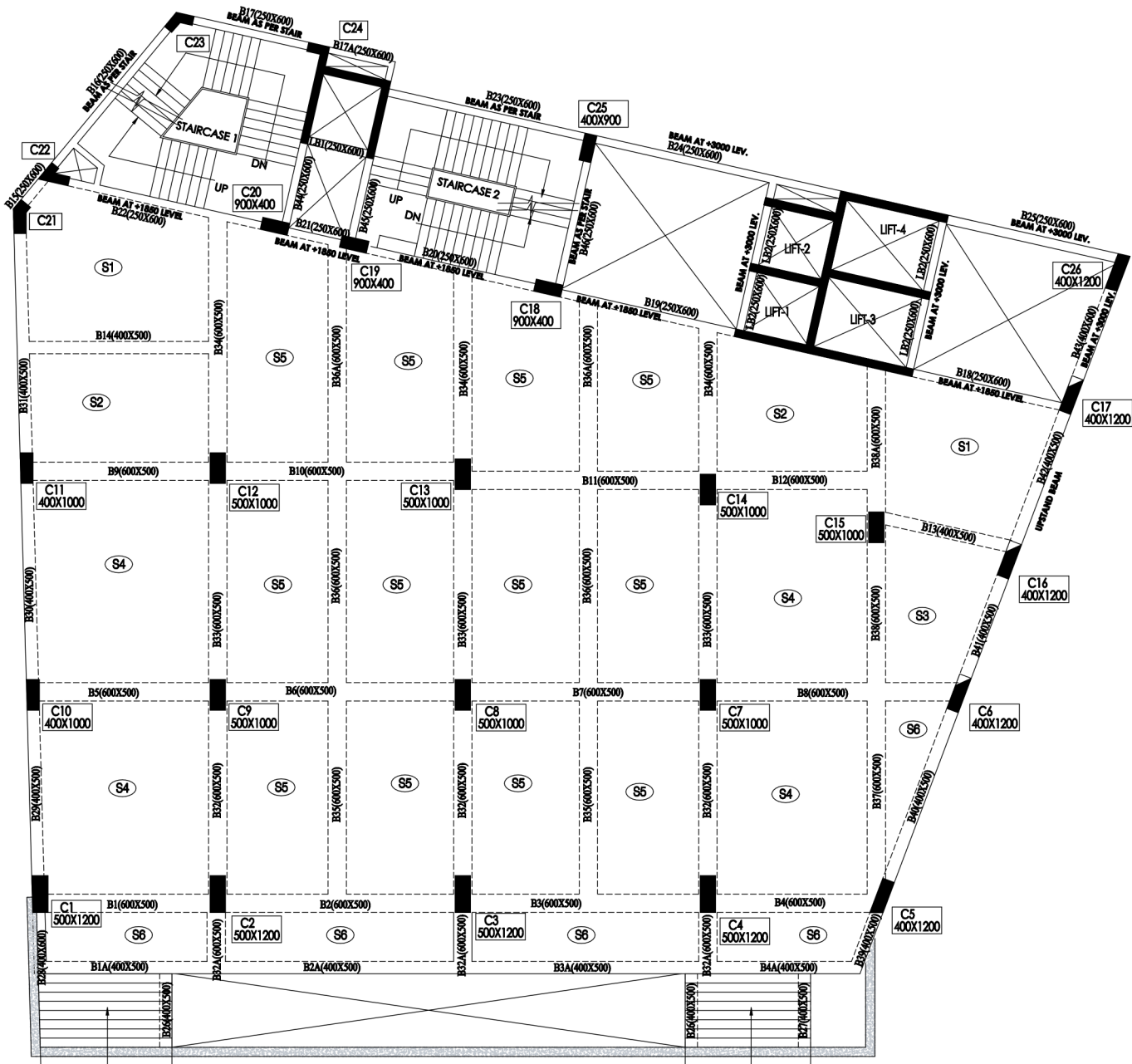
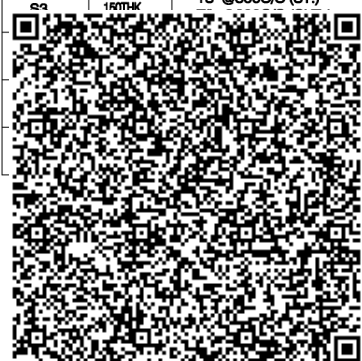




UP TO UG
UPPER GROUND FLOOR PLAN (+1850 LEV.)
SCALE 1:100
BEAM DEPTH FOR THIS FLOOR 500 MM

SLAB SCHEDULE			
GRADE OF CONCRETE - M30			
SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	200THK.	T12 @200C/C (ST.) T12 @200C/C (CKD.)	T10 @300C/C (ST.) T10 @300C/C (CKD.)
S2	150THK.	T10 @300C/C (ST.) T10 @300C/C (CKD.)	T8 @300C/C (ST.) T8 @300C/C (CKD.)
S3	175THK.	T8 @300C/C (ST.)	T8 @400C/C (ST.) T12 @300C/C (ST.) T12 @300C/C (CKD.)
S4			T8 @400C/C (ST.) T8 @400C/C (CKD.)
S5			T8 @400C/C (ST.) T8 @400C/C (CKD.)



UPPER GROUND FLOOR LEVEL BEAM SCHEDULE									
GRADE OF CONCRETE - M30									
BEAM MKD & SIZE	REINFORCEMENT AT TOP			REINFORCEMENT AT BOTTOM			STOKERS		
	LEFT	MIDDLE	RIGHT	LEFT	MIDDLE	RIGHT	LEFT SUPPORT(3L)	MID SPAN	RIGHT SUPPORT(3L)
B35(600X600)	4-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B36(600X600)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B36A(600X600)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B37(600X600)	4-1TOR	4-1TOR	4-1TOR	4-1TOR	4-1TOR+ 3-1TOR	4-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B38(600X600)	4-1TOR	4-1TOR	4-1TOR+ 3-1TOR	4-1TOR	4-1TOR	4-1TOR+ 3-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B38A(600X600)	4-1TOR+ 3-1TOR	4-1TOR	4-1TOR+ 3-1TOR	4-1TOR	4-1TOR+ 3-1TOR	4-1TOR+ 3-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B39(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B40(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B41(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B42(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B43(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B44(250X600)	3-2TOR+ 3-2TOR	3-2TOR+ 3-2TOR	3-2TOR+ 3-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B45(250X600)	3-2TOR+ 3-2TOR	3-2TOR+ 3-2TOR	3-2TOR+ 3-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B46(250X600)	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
LB1(250X600)	3-1TOR	3-1TOR	3-1TOR	3-1TOR	3-1TOR	3-1TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
LB2(250X600)	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C

UPPER GROUND FLOOR LEVEL BEAM SCHEDULE									
GRADE OF CONCRETE - M30									
BEAM MKD & SIZE	REINFORCEMENT AT TOP			REINFORCEMENT AT BOTTOM			STOKERS		
	LEFT	MIDDLE	RIGHT	LEFT	MIDDLE	RIGHT	LEFT SUPPORT(3L)	MID SPAN	RIGHT SUPPORT(3L)
B1(600X500)	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B2(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B3(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B4(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B5(600X500)	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B6(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B7(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B8(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B9(600X500)	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B10(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B11(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B12(600X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B13(400X500)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B14(400X500)	4-1TOR	4-1TOR	4-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B15(250X600)	3-2TOR+ 2-2TOR	3-2TOR+ 2-2TOR	3-2TOR+ 2-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B16(250X600)	3-2TOR+ 2-2TOR	3-2TOR	3-2TOR+ 2-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B17(250X600)	3-2TOR+ 2-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B17A(250X600)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B18(250X600)	3-2TOR+ 2-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B19(250X600)	3-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR+ 2-1TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B20(250X600)	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B21(250X600)	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B22(250X600)	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR+ 2-1TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B23(250X600)	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B24(250X600)	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	3-2TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B25(250X600)	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR	3-2TOR+ 2-1TOR	3-2TOR	3-2TOR+ 2-1TOR	2-4TOR@100C	2-4TOR@180C	2-4TOR@180C
B1A(400X600)	4-1TOR	4-1TOR	4-1TOR+ 2-1TOR	4-1TOR	4-1TOR	4-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B2A(400X600)	4-1TOR+ 2-1TOR	4-1TOR	4-1TOR	4-1TOR	4-1TOR	4-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B3A(400X600)	4-1TOR	4-1TOR	4-1TOR+ 2-1TOR	4-1TOR	4-1TOR	4-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B4A(400X600)	4-1TOR+ 2-1TOR	4-1TOR	4-1TOR	4-1TOR	4-1TOR	4-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B26(400X500)	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B27(400X500)	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B28(400X500)	4-2TOR+ 2-2TOR	4-2TOR+ 2-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B29(400X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR+ 2-1TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B30(400X500)	4-2TOR+ 2-1TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C
B31(400X500)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B32A(600X600)	4-2TOR+ 2-2TOR	4-2TOR+ 2-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B32(600X600)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B33(600X600)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@180C	4-4TOR@180C
B34(600X600)	4-2TOR+ 2-2TOR	4-2TOR	4-2TOR	4-2TOR+ 2-1TOR	4-2TOR+ 2-1TOR	4-2TOR+ 2-1TOR	4-4TOR@180C	4-4TOR@200C	4-4TOR@180C

- NOTE:
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
 2. ANY AMBIGUITY 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. ALL GRADE OF CONCRETE M25/M30
 6. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
 7. FOR STEEL GRADE Fe 500 AS PER I.S 1786-1979.
 8. ALL DISTRIBUTION BARS ARE T8 @ 250 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
 9. ALL CHAIRS ARE T10 AND TO BE PROVIDED WHEREVER REQUIRED.
 10. ALL SPACER BARS ARE T25 @ 300 C/C AND TO BE PROVIDED WHEREVER REQUIRED.
 11. LAPS, SPLICES & BOND 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 1:6 CEMENT MORTAR.
 13. MINIMUM CLEAR COVER TO MAIN LINK IS AS FOLLOWS:
- | MEMBER | TOP | BOTTOM | SIDE |
|---------------------------|-----|--------|------|
| a. FOUNDATION BEAM & SLAB | 50 | 50 | 50 |
| b. COLUMN | | | 40 |
| c. FLOOR BEAM. | | 30 | 30 |
| d. TIE BEAM. | 40 | 40 | 40 |
| e. FLOOR SLAB. | 25 | 25 | 25 |
14. THIS DRAWING IS THE PROPERTY OF MS S.P.A CONSULTANT AND CANNOT BE COPIED OR USED WITHOUT THEIR WRITTEN PERMISSION.

DECLARATION OF OWNER :
DECLARED THAT I/WE SHALL NOT ALTER OR MAKE ANY ADDITION TO THIS PLAN. DECLARED THAT I HAVE GONE THROUGH THE RULES AND REGULATIONS FOR RELEVANT AUTHORITY AND ALSO UNDERTAKE TO ABIDE BY THESE RULES AND REGULATION DURING AND AFTER THE CONSTRUCTION OF BUILDING. I MAY APPOINT A L.B.S./OR TECHNICAL PERSON FOR THE SUPERVISION OF CONSTRUCTION.

SIGNATURE OF OWNER

- OWNERS:
1. Mr. Soumen Saha
 2. Mr. Jewel Rahman
 3. Mr. Nantu Bala
 4. Mr. Pintu Saha

DECLARATION OF STRUCTURAL ENGINEER
I/WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PLOT MENTIONED ABOVE UNDER THE JURISDICTION OF S.M.C./NOTIFIED AREA AUTHORITY/ INDUSTRIAL TOWNSHIP AUTHORITY WILL BE PERSONALLY INSPECTED AND SO DESIGNED BY ME/US & WE WILL ENSURE THAT THE CONCERNED FOUNDATION AND SUPER STRUCTURE IS SAFE IN ALL RESPECT INCLUDING CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS, IF ANY CONFORMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

SIGNATURE OF ENGINEER.
SANJIB J PAREKH
REGN. NO. - ESE/1/104

DECLARATION OF THE L.B.A.:
CERTIFIED THAT THE PLAN HAVE BEEN DESIGNED & DRAWN UP STRICTLY ACCORDING TO THE NATIONAL BUILDING CODE (N.B.C.) 2016 & RELEVANT AUTHORITY.

SIGNATURE OF L.B.A.

PROJECT -
PROPOSED B+LG + UG +5 + PART 6
STORIED COMMERCIAL BUILDING AT
MOUZA- UTTAR JODUPUR, WARD NO.03,
J.L. NO. - 88, P.S - ENGLISH BAZAR, DISTT. MALDA
L.R. PLOT NO - 2177
L.R. KHATAH NO - 2170, 2172, 2174, 2866
HOLDING NO. - 27/1

TITLE
UPPER GROUND FLOOR SLAB, BEAM LAYOUT & SCHEDULE

ARCHITECTS

Studio 4th Dimension
Flat-20, DDA Flats, Pocket-8, Sector-12,
Dwarka, New Delhi-110075
Ph: +91-11-49534671, Mob: +91-9810342162

CONSULTANT: STRUCTURE
S.P.A CONSULTANTS
34, Rammohan Dutta road kolkata 700020
PHONE NO. 033-24757614
Fax-24757614, E-Mail - spa_cons@yahoo.co.in

DRAWN BY - KEKA	CHECKED BY SP	DATE - 17.07.2025	SCALE - 1:100, 25
JOB NO. 2025/110	110	SPA MALDA 32 KATHA	
DWG. NO. 2025/110/STUDIO 4TH DIM/SPA/32 KATHA/SUB-03			