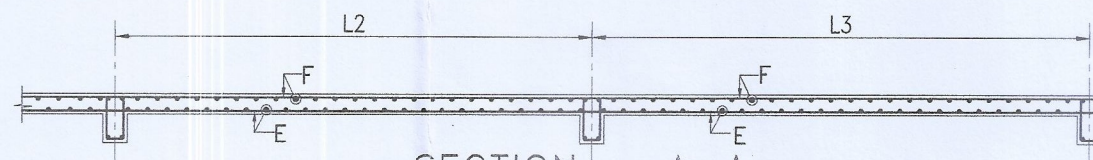


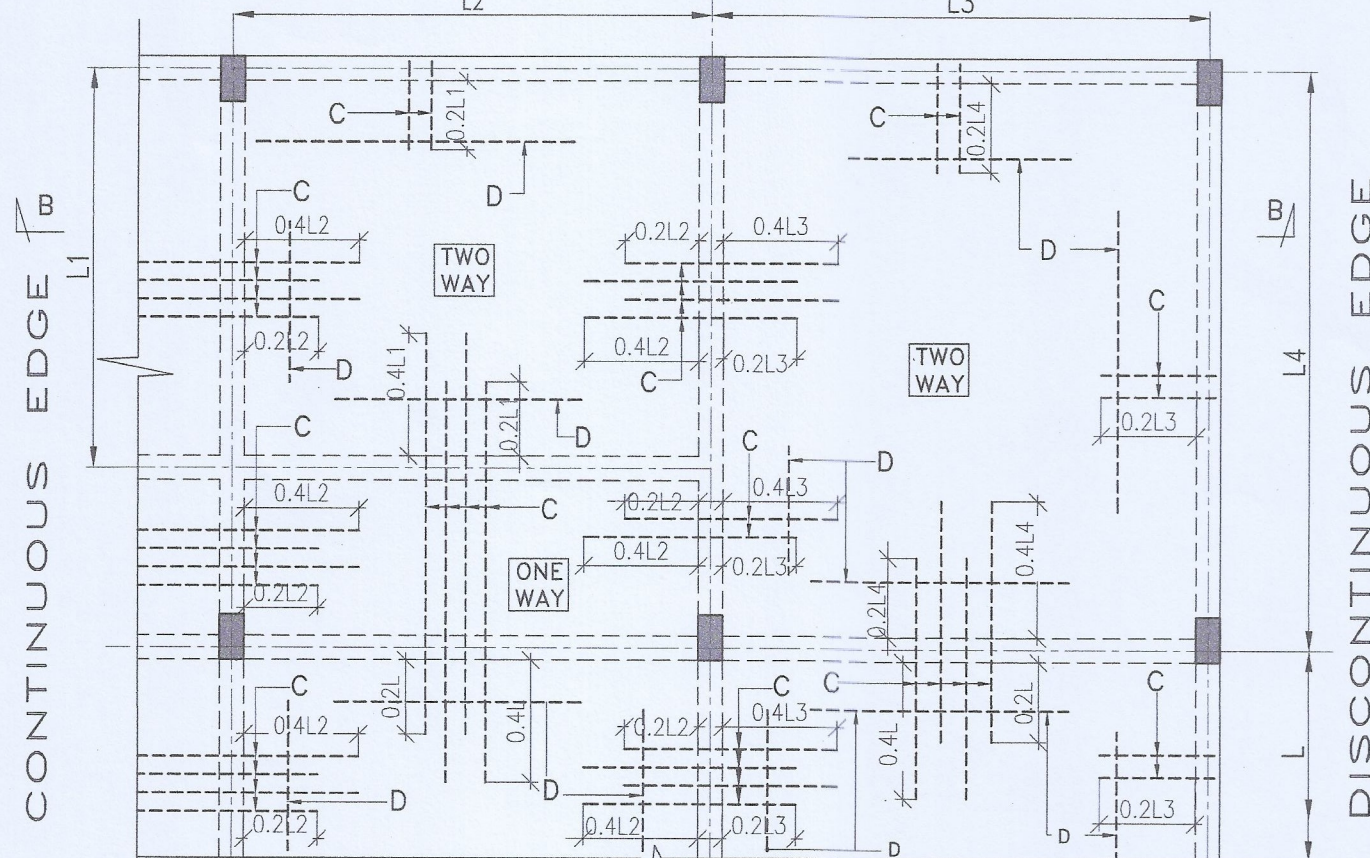
SECTION - B-B

SCALE-N.T.S.



SECTION - A-A

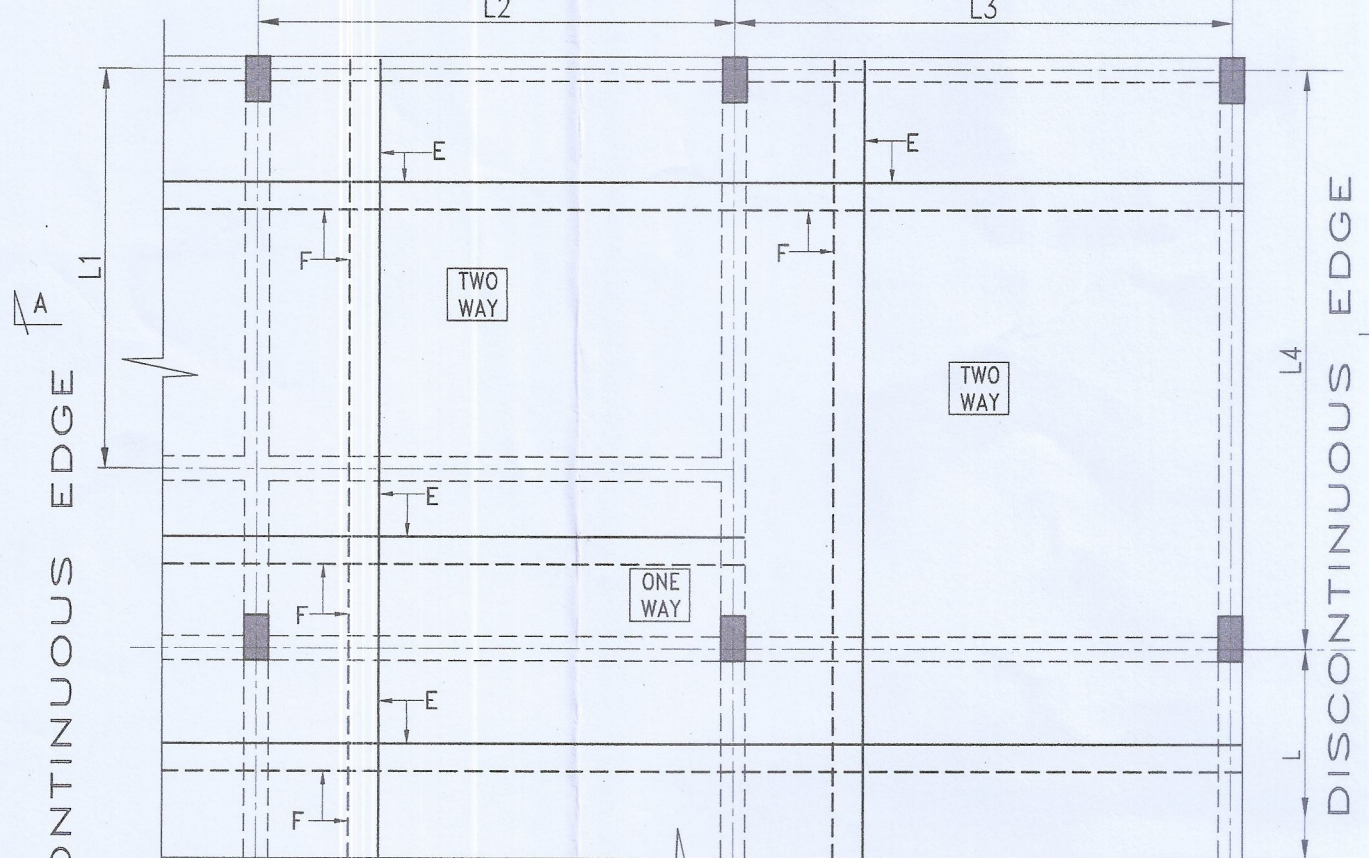
SCALE-N.T.S.



TYPICAL DETAILS OF SLAB REINFORCEMENT (TOP)

(SLAB MARKED S1 & S2)

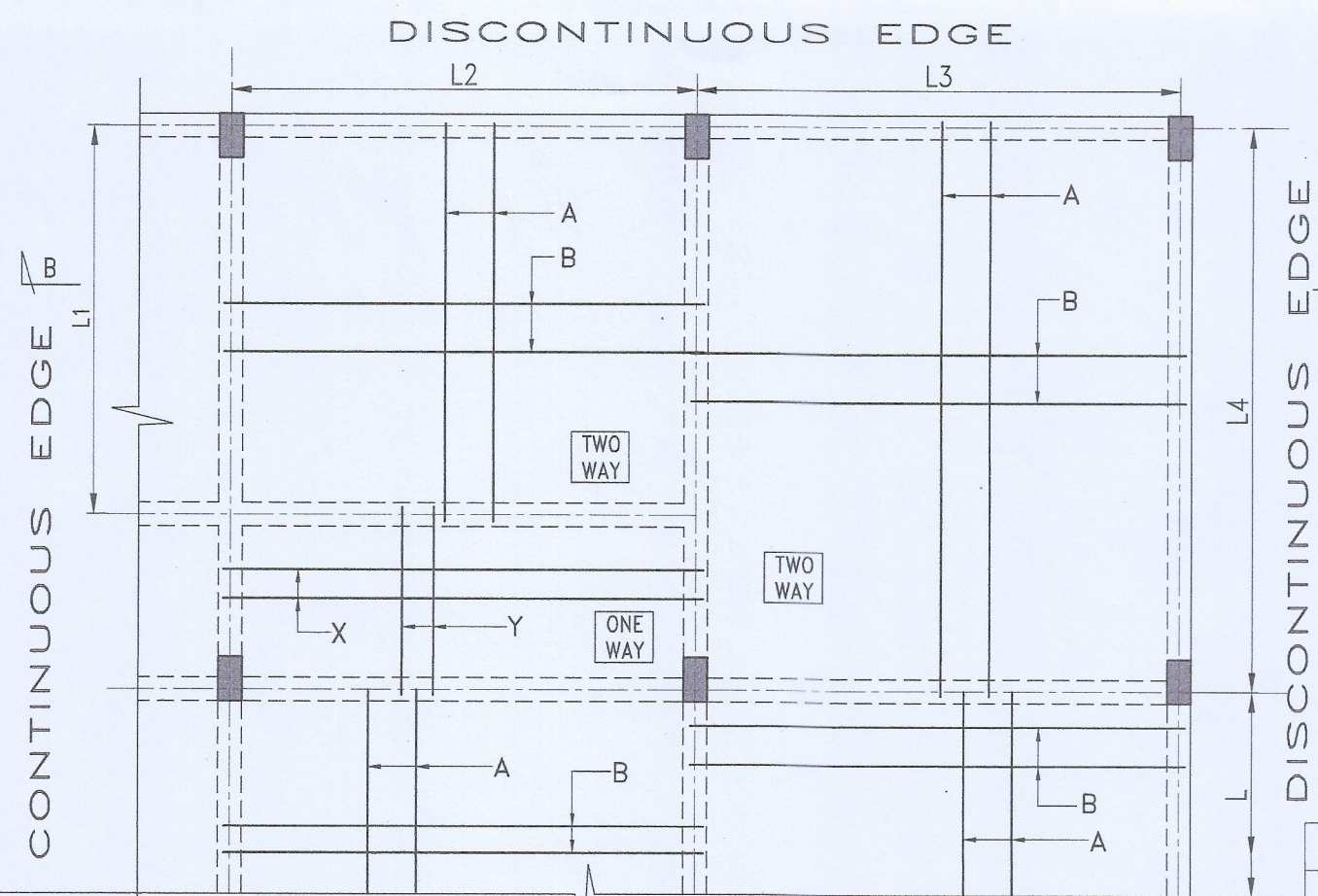
SCALE-N.T.S.



TYPICAL DETAILS OF SLAB REINFORCEMENT (TOP & BOTTOM)

(SLAB MARKED S3 & S4)

SCALE-N.T.S.



TYPICAL DETAILS OF SLAB REINFORCEMENT (BOTTOM)

(SLAB MARKED S1 & S2)

SCALE - N.T.S.

SPECIAL NOTES:-

1. THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.
2. THE STRUCTURE MUST BE CONSTRUCTED IN PRESENCE OF A COMPETENT STRUCTURAL ENGINEER FOR STRICT SUPERVISION.

SCHEDULE OF S1 & S2 MARKED SLABS (TYPICAL FLOOR & ROOF SLABS THICKNESS-115mm & 125mm.)

BAR MKD.	REINFORCEMENT	POSITION
A	8φ @ 150 mm C/C (ALL THROUGH)	BOT.
B	8φ @ 150 mm C/C (ALL THROUGH)	BOT.
X	8φ @ 150 mm C/C (ALL THROUGH)	BOT.
Y	8φ @ 150 mm C/C (ALL THROUGH)	BOT.
C	8φ @ 150 mm C/C (CURTAILMENT)	TOP
D(BINDER)	8φ @ 200 mm C/C (WHEREVER REQUIRED)	TOP

SCHEDULE OF S3 MARKED SLABS (MUMTY & LMR ROOF SLAB THICKNESS-115mm.)

BAR MKD.	REINFORCEMENT	POSITION
E	8T @ 150 mm C/C (ALL THROUGH)	BOT.
F	8T @ 150 mm C/C (ALL THROUGH)	TOP

SCHEDULE OF S4 MARKED SLABS (LMR FLOOR & WATER TANK SLAB THICKNESS-150mm.)

BAR MKD.	REINFORCEMENT	POSITION
E	10T @ 200 mm C/C (ALL THROUGH)	BOT.
F	10T @ 200 mm C/C (ALL THROUGH)	

SIGNATURE OF THE VETTING AUTHORITY

CHECKED & VETTED

DR. DIPANKAR CHATTERJEE
 STRUCTURAL ENGINEERING DIVISION
 PROFESSOR & FORMER HEAD
 CIVIL ENGINEERING DEPARTMENT
 JADAVPUR UNIVERSITY
 B.E. (I.I) Gold Medalist, I.A. Tech (IIT KGP) Gold Medalist, Ph.D. (IIT KGP)
 (Office) 033-2457 2559, (M) 9830168502 & 8240145761
 Email : prof.dipankar@gmail.com

SIGNATURE OF STRUCTURAL ENGINEER

SUSMITA CHOUDHURY
 B.TECH (CIVIL) - WBUT
 M.E (CONSTRUCTION) - JU
 ESE-I/RJPSON/130
 ESE-II/KMC/664
 STPR/NKDA/21/00010
 CVR/NKDA/10/00175
 (M)- 8697517321/7003201735

NOTES :

1. UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
2. 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).
3. ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
4. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT BARS OF GRADE Fe-500/500D CONFORMING TO IS-1786-2008.
5. UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE EQUAL TO THE DEVELOPMENT LENGTH = 50xBAR DIA.
6. CONCRETE CLEAR COVER SHALL BE AS FOLLOWS:
 i) COLUMNS : 40 mm
 ii) BEAMS : 30 mm
 iii) SLABS : 20 mm
 iv) WAIST SLAB : 20 mm
7. GRADE OF CONCRETE FOR SUPERSTRUCTURE WILL BE OF M25 AS PER IS:456:2000.
8. VIBRATOR SHALL BE USED FOR PROPER COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.
9. DEVELOPMENT LENGTH 50XD FOR LAP & SPLICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987
10. WHEREVER A SUPPORTED MEMBER TERMINATES AT A SUPPORTING MEMBER THE BARS OF THE SUPPORTED MEMBER SHOULD HAVE AN ANCHORAGE OF 60D IN THE SUPPORTING MEMBER.
11. WHEN TWO BEAMS MEET AT A COLUMN LOCATION ALONG THE SAME LINE THE HIGHER REINFORCEMENT AT THE TOP SHOULD BE CONTINUED AT BOTH SIDE.
12. ALL CANTILEVER SLAB WITHOUT PERIPHERAL BEAMS THE TOP REINFORCEMENT PARALLEL TO THE CANTILEVER SPAN SHOULD BE CONTINUED UPTO ATLEAST 1.5 TIMES THE CANTILEVER SPAN WITHIN THE ADJACENT SLAB.

TITLE - (BLOCK-D&E)

STRUCTURAL DRAWING OF PROPOSED G+IV STORIED RESIDENTIAL CUM COMMERCIAL BUILDING AT MOUZA :-KALIKAPUR, JL NO :- 40, R.S./L.R. DAG NOS:- 437; L.R. KHATIAN NOS:-3782, 3995; R.S. NO:-141; TOUZI NO:-10; P.S:- RAJARHAT UNDER PATHARGHATA GRAM PANCHAYET DISTRICT: NORTH 24 PARGANAS.

SIGNATURE OF OWNER

GITANJALI ENTERPRISE

Riku Chakrabarti (Roy)
 Partner

SIGNATURE OF ARCHITECT

GITANJALI ENTERPRISE

Aniket Kumar
 Partner

SIGNATURE OF GEO-TECHNICAL ENGINEER

STRUCTURAL CONSULTANT :

STRUCTCON ENTERPRISE
 REGD. ADDRESS: ASHRAY APARTMENT, GROUND FLOOR, 968, KALIKAPUR ROAD, KOLKATA- 700 099
 Email-structconenterprise@gmail.com
 Ph.-9007714478, 7003201735

DRAWING TITLE

DETAILS OF SLAB.

SCALE.-1:100 OR AS SHOWN

DATE.-07.06.2024

SHEET NO.- 5 OF 5

SHEET SIZE- A2