

SCHEDULE OF R. C. C. SLABS

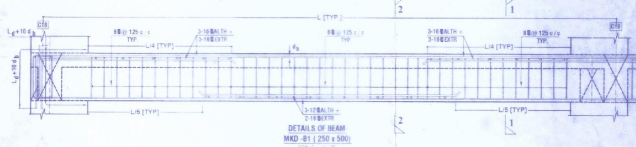
SLAB NO.	THICKNESS (mm)	REINFORCEMENT PARALLEL TO SHORTER DIRECTION		REINFORCEMENT PARALLEL TO LONGER DIRECTION	
		AT MIDDLE SPAN	AT END SPAN	AT MIDDLE SPAN	AT END SPAN
		S1	150	8@150 c/c (both)	8@150 c/c (top) 8@300 c/c (both)
S2	120	8@150 c/c (both)	8@150 c/c (top) 8@300 c/c (both)	8@150 c/c (both)	8@150 c/c (top & both)
S3	100	8@200 c/c (both)	8@200 c/c (top) 8@400 c/c (both)	8@200 c/c (both)	8@200 c/c (top & both)
S4	150	8@100 c/c (top & both)	8@100 c/c (top & both)	8@200 c/c (top & both)	8@200 c/c (top & both)
S5	150	8@200 c/c (chamber)	8@200 c/c (chamber)	10@125 c/c (chamber)	10@125 c/c (top) 10@250 c/c (both)

SCHEDULE OF R. C. C. BEAMS

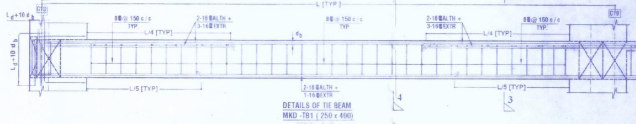
BEAM NO.	BEAM SECTION	SIZE & REINFORCEMENT AT SPAN		STIRRUP AT SUPPORT	SIZE & REINFORCEMENT AT SPAN		STIRRUP AT SPAN
		TOP	BOTTOM		TOP	BOTTOM	
		B1	250X500	3-15E 3-18E	3-12E	8 TOR 2L @ 125 C/C	3-15E 2-16E
B2	250X500	2-18E 2-16E	3-12E	8 TOR 2L @ 150 C/C	2-16E 2-12E	2-16E 2-12E	8 TOR 2L @ 150 C/C
B3	250X500	3-15E 2-16E	3-12E	8 TOR 2L @ 200 C/C	2-16E 3-12E	3-12E 2-16E	8 TOR 2L @ 200 C/C
B4	250X500	2-18E 2-16E	2-16E	8 TOR 2L @ 150 C/C	2-16E 2-16E	2-16E 2-16E	8 TOR 2L @ 200 C/C
B5	250X500	2-12E 2-16E	2-16E	8 TOR 2L @ 200 C/C	2-12E 2-16E	2-16E 2-16E	8 TOR 2L @ 200 C/C
B6	250X500	6-16E	3-12E	8 TOR 2L @ 125 C/C	6-16E 3-12E	3-12E 3-12E	8 TOR 2L @ 125 C/C
B7	250X500	4-16E	3-12E	8 TOR 2L @ 125 C/C	4-16E 3-12E	3-12E 3-12E	8 TOR 2L @ 125 C/C
B8	250X400	2-16E 2-16E	2-16E	8 TOR 2L @ 150 C/C	2-16E 1-16E	1-16E 1-16E	8 TOR 2L @ 150 C/C
B9	250X400	2-15E 2-15E	2-16E	8 TOR 2L @ 150 C/C	2-16E 2-16E	2-16E 2-16E	8 TOR 2L @ 200 C/C
B10	250X400	2-12E 2-16E	2-16E	8 TOR 2L @ 200 C/C	2-12E 2-16E	2-16E 2-16E	8 TOR 2L @ 200 C/C
B11	250X400	2-12E 2-16E	2-16E	8 TOR 2L @ 200 C/C	2-12E 2-16E	2-16E 2-16E	8 TOR 2L @ 200 C/C



TYPICAL PLACING OF STIRRUPS AT LAPPING JUNCTION



DETAILS OF BEAM MMD-81 (250 x 500)



DETAILS OF BEAM MMD-781 (250 x 400)



APPROVED
 PLAN No. CE/310/19
 RB/CB/IB/PB/SB/W
 APN...
 Date 15.01.2020

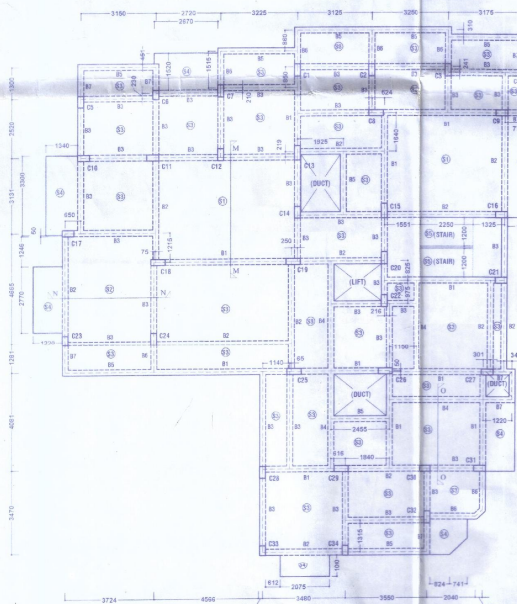
Commissioner
 Durgapur Municipal Corporation

Mohan Lal Mayo,
 Planner in-Charge, Building Plan,
 Durgapur Municipal Corporation

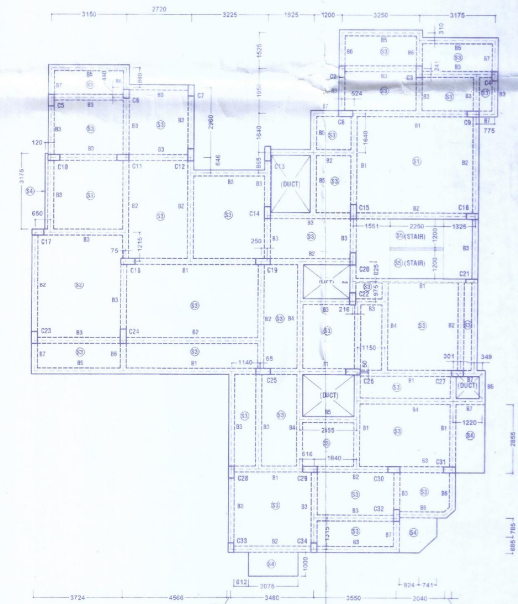
Structural Safety should be
 Ensured by the Party.

PERMISSION ACCORDED AT
 THE ACT AND BUILDING
 PLAN REGULATIONS & BYE
 LAWS & CODES.

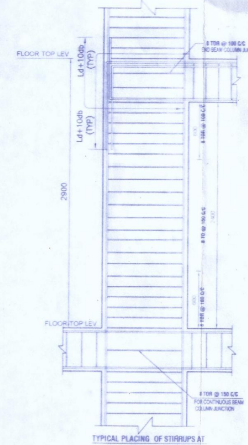
BUILDING PLAN APPROVED
 ON THE BASIS OF THE INDEMNITY BOND, LAND MUTATION & CONVERSION IS THE RESPONSIBILITY OF THE OWNER.



TYPICAL FLOOR BEAM & SLAB LAYOUT PLAN AT 1ST. TO 3RD. FLOOR LEVEL SCALE - 1:100



FLOOR BEAM & SLAB LAYOUT PLAN AT ROOF LEVEL SCALE - 1:100



TYPICAL PLACING OF STIRRUPS AT BEAM-COLUMN JUNCTION

- SPECIFICATIONS**
- DEPTH OF FOUNDATION IS AT 1.75 M BELOW EXISTING G.L.
 - SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT
 - FOUNDATIONS MUST BE PLACED WITH RESPECT TO THE CENTRE OF THE COLUMNS.
 - GRADE OF CONCRETE IS M-20 AND GRADE OF STEEL IS Fe-500
 - CLEAR COVER TO MAIN REINFORCEMENT IS AS PER BELOW:
 - FOUNDATION - 75 MM
 - COLUMN - 45 MM
 - BEAM - 25 MM
 - SLAB - 20 MM
 - ALL SLABS MUST BE MONOLITHIC WITH SUPPORTING BEAM.
 - ALL OTHER SPECIFICATIONS AS PER NATIONAL BUILDING CODE OF INDIA

TUSHAR BARAN PABARI
 M.E. STRUCTURE MEG
 14.5.2019
 CHARTERED ENGINEER
 IN STRUCTURAL ENGINEERING

Anirban Bhattacharya
 ANIRBAN BHATTACHARYA
 LICENSE NO. 028848780

Jui Chatterjee
 JUI CHATTERJEE
 LICENSE NO. 028848780
 SIGNATURE OF L.S. ARCHITECT

Mukul Roy
 SIGNATURE OF OWNER

STRUCTURAL DRAWING OF A PROPOSED FOR FOUR (G+3) STORED RESIDENTIAL APARTMENT OF SMT. MUKUL ROY, W/O SRI AMAL CHANDRA ROY, OVER- PLOT DETAILS ADDRESS: R'S PLOT NO. 225, I, R PLOT NO. 1909 & 1929, J.L. NO-119, 65, MOLZA-BHIRINGI, DGP-713213, P.S. - FARIDPUR, DIST. -PASHCHIM BURDWAN.