SC	HEDUL	 	FL00	R BE/	SCHEDULE OF FLOOR BEAMS [M-25]	
)  -  -		BEAM REINFORCEMENT	NFORCEME	TN	STIRRUP	
BEAM	END SUPPT	PT	MID SPAN	AN	UPTO L/3 WID SPAN BEST DART	REMARKS
SIZE	(T)	(B)	(T)	(B)	MIC SI AN	
200X400	2-16T	2-16T	2-16T	2-16T	200X400 2-16T 2-16T 2-16T 2-16T 8T 2L @ 100 C/C 8T 2L @ 200 C/C	
200X400	2-201	2-20T	2-20T	2-20T	200X400 2-201 2-201 2-201 2-201 8T 2L @ 100 C/C 8T 2L @ 150 C/C	

SCHE	SCHEDULE OF SLAB	B		
SEAB	SHORTER DIR.	DIR.	LONGER	DIR.
	TAOPPUS	MID SPAN	SUPPORT	MID SPAN
200 THK.	10T @100 C/C	200 THK. 10T @100 C/C 10T @125 C/C 10T @125 C/C	10T @125 C/C	10T @150 C/C
135 THK.	8T @100 C/C	8T @125 C/C	8T @125 C/C	8T @150 C/C
125 THK.	8T @100 C/C	8T @125 C/C	8T @125 C/C	8T @150 C/C
110 THK.	8T @125 C/C	8T @125 C/C 8T @150 C/C	8T @150 C/C	8T @150 C/C

COL. LINKS AS SPECIFIED IN SECTION	LEVEL COL.	TO	1ST. FLOOR	1ST. FLOOR	TO	2ND. FLOOR	2ND. FLOOR	TO 7	SCHEDULE	
AS SPECIFIED	250X400	8-20T	M-25	+4-16T	4-20T	M-25	\alpha	0 12 1 1 1 1 1 1 1	SCHEDULE OF COLUMN	
IN SECTION	200X800	16-20T	M-25	+8-16T	8-20T	M - 25	0-10	Z   M   CZ		
				COL. LINKS	SIZE	LEVELCOL	FOUNDATION	ROOF	SCHEDUL	

AS

SPECIFIED

Z

SECTION

250X400

250X700

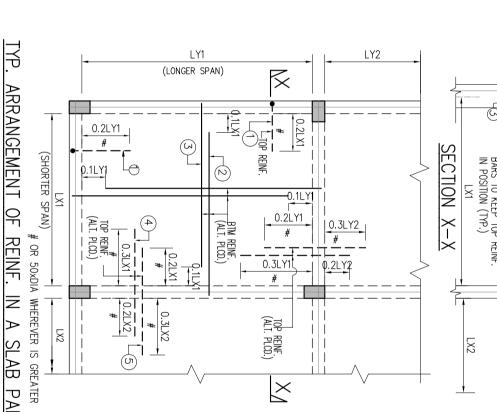
8-16T

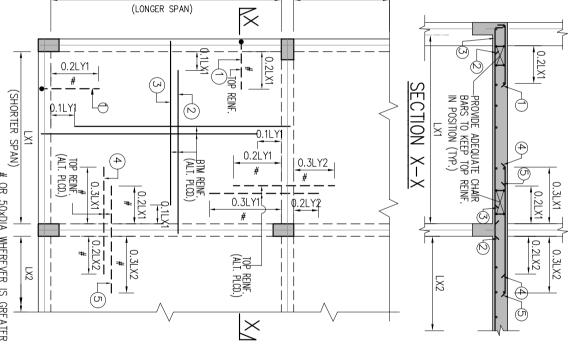
14-16T

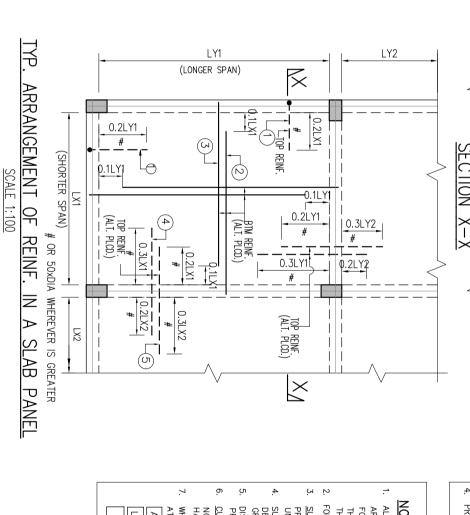
COLUMN

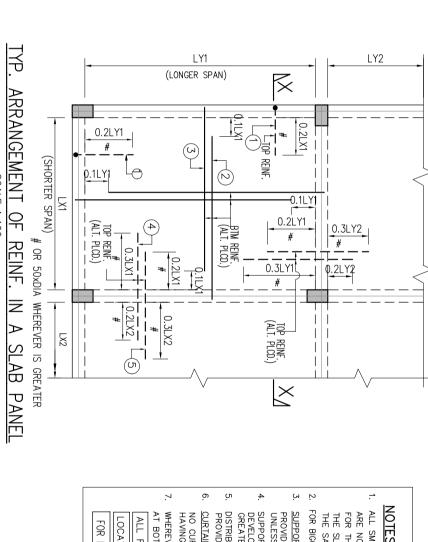
M - 25

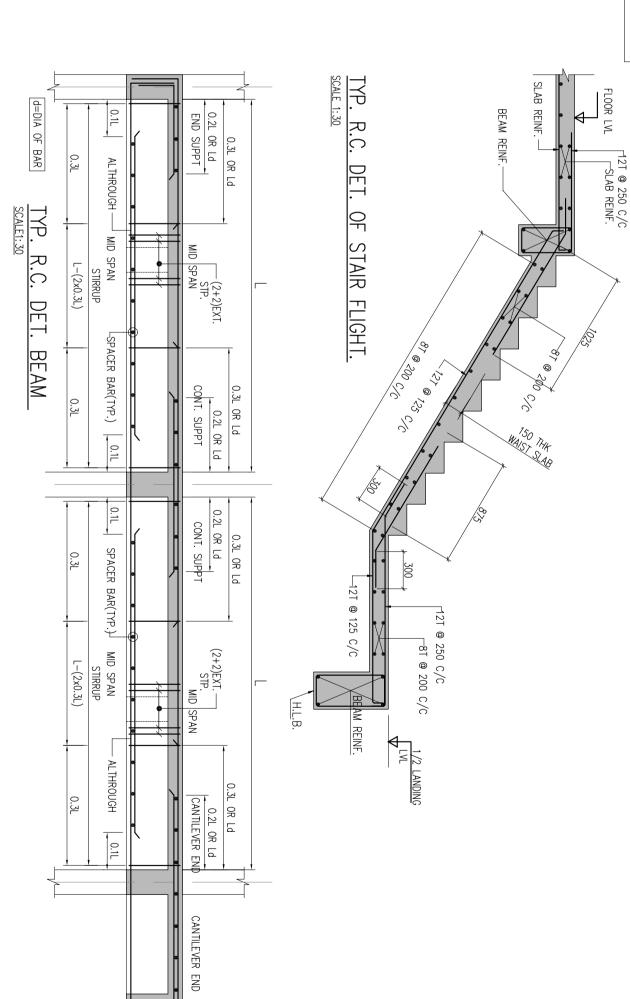
 $\mathbb{M}$ 25











## <u>NOTES</u>

- SUPPORT REINFORCEMENT IN SLAB FOR ADJACENT PANELS:—PROVIDE GREATER OF THE TWO (LE REINF. WITH LESSER SPACING) UNLESS SPECIFIED OTHERWISE.

NOTE:
ALL DMENSIONS ARE N. MA.

ALL EXPERNAL WALLS ARE ZOOMM THICK & ALL INTERNAL WALLS ARE

100MM THICK, UNLESS OTHERWISE MENTIONED.

1 FLY ASH AND FLY ASH BAR

2 SOLAR EMERGY OF 1% OF THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 2007 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUITING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

- SUPPORT REINFORCEMENT IN SLAB SHALL BE  $0.2L\ /\ 0.3L$  OR DEVELOPMENT LENGTH. WHICHEVER IS GREATER FROM THE FACE OF SUPPORT.
- DISTRIBUTION STEEL NOT SHOWN IN DRAWING FOR CLARITY, PROVIDE 8 T @ 300 C/C PROVIDE ADEQUATE CHAIR BARS TO BE KEEP TOP REINF.

## NOTES FOR SLAB :-

- ALL SMALL PLUMBING CUTOUTS (SIZE MAXIMUM 200X200)
  ARE NOT SHOWN IN PLAN. COORDINATE WITH ARCH & SERVICES DRG.
  FOR THE SAME .TRIMMER BAR ON SPECIAL (FIG-1) TO BE GIVEN.
  THE SLAB REINF.TO RUN THROUGH BUT THE CUTOUT NOT TO BE CAST.
  THE SAME SHALL BE DONE AT LATER DATE AFTER INSERTION OF PIPES.
  FOR BIGGER CUTOUTS MORE THAN (200X200)SPECIAL DETAIL TO BE FOLLOWED
- SUPPORT REINFORCEMENT IN SLAB FOR ADJACENT PANELS:—PROVIDE GREATER OF THE TWO (i.e REINF.WITH LESSER SPACING) UNLESS SPECIFIED OTHERWISE.

SIGNATURE OF ARCHITECT
SAUGATA MITTRA
BARCH. AIIA
REC. NO. - CA/2002/29849

- SUPPORT REINFORCEMENT IN SLAB SHALL BE 0.2L / 0.3L OR DEVELOPMENT LENGTH OF BAR. WHICHEVER IS GREATER FROM THE FACE OF SUPPORT.
- DISTRIBUTION STEEL NOT SHOWN IN DRAWING FOR CLARITY, PROVIDE 8T @ 300~c/c.

- CURTAILMENT OF BOTTOM REINF. :
  NO CURTAILMENT OF BTM. REINF. SHALL BE DONE FOR BARS
  HAVING SPACING 200 c/c OR MORE.

  WHEREVER BRICK WALL IS THERE ON SLAB PROVIDE 3-12T EXTRA REINF
  AT BOTTOM SUPPORT TO SUPPORT. ALL FINISHED LEVEL TO BE COORDINATED WITH ARCH. DRG.

UTPAL SANTRA
B.C.E, M.C.E (STRUCTURE)
F.I.E - F 1212601
KMC EMPANELLED STRUCTURAL
REVIEWER NO.ESR-(1)58/10

SNATURE OF STRUCTURAL REVIEWER

FOR FLOOR LEV. REFER ARCH. DRG. ALL CUTOUT AS PER ARCH. DRG.

## CERTIFICATE OF SITUCTURAL STABILITY I HEREBY DECLARE THAT THE FOUNDATION AND SUPER-STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PREMISES NO.—709 KUSUNBA, MOUZA-KUSUMBA, JL. NO.—50, P.S.— SONARPUR, WARD NO.—7, L.R.KHATIAN NO.—2831, 2832, 2833, 2834, R. S. BAG, NO.—1759, 1762, 1765, 1766, 1766, 1767, L.R. DAG NO.—1841, 1844, 1845, 1847, 1848, 1849 UNDER RAJPUR SONARPUR MUNICIPALITY, DIST.—24 PGS. (SOUTH) .HAVE BEEN SO DESIGNED BY ME THAT IT WILL MAKE SUCH FOUNDATION AND SUPER-STRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY OF SOIL ETC.

SIGNATURE OF STRUCTURAL ENGINEER ANKIT AGARWALA M.E (STRUCT.), B.C.E., AM-151224-5 E.S.E.NO. 1/172 K.M.C.

PROPOSED 2 NOS.G+II STORIED (HEIGHT -9.6 MTR.)
RESIDENTIAL BUILDING & G+I STORIED (HIGHT-6.4MTR)
CLUB HOUSE AT PREMISES NO .- 709 KUSUMBA, MOUZA

- KUSUMBA, - KUSUMBA, JL. NO. -50, P.S.- SONARPUR, WARD NO.- 7, JL. NO. -50, P.S.- SONARPUR, WARD NO.- 7, L.R.KHATIAN NO. - 2831, 2832, 2833,2834, R. S. DAG NO.- 1759, 1762, 1763, 1765, 1766,1767, L.R. DAG NO.-1841, 1844,1845, 1847, 1848,1849 UNDER RAJPUR SONARPUR MUNICIPALITY, DIST.- 24 PGS. (SOUTH)

BLOCK - ALL

TYPICAL REINFORCEMENT DETAILS

PRINCIPAL ARCHITECT: —



SQUARE CONSULTANCY SERVICES

3A, WEDDERBURN ROAD, KOLKATA-700 029

PROJECT ARCHITECT : architecture.square@gmail.com: www.squareconsultancyservices.com

CONSULTANTS FOR HUMAN SETTLEMENT
UNIT NO. 6096'0, SIXTH FLOOR, ACTIVE BUSINESS PARK,
54/10 D C DEY ROAD, KOLKATA-700015
E-MAIL: SAUGATA.SHELTER@GMAIL.COM /
SHELTER010187@SMAIL.COM /
566 ANNA SALAI TEYNAMPET, CHENNAL-600018

ZZ & Structural Consultant:

CONSULTANTS (Pvt).
U CONSULTANTS (Pvt). . Ltd. Ltd.

ISO 9001 : 2008 CERTIFIED

MNC House
1516, Rajdanga Main Road,
Kolkata - 700 107

Phone:- (033) 40165700. Fax: (033) 2441 8083.
E-mail: mnconpl2008@gmail.com

RAFT DEPTH

BEAM DEPTH

TYPICAL SECTION OF FOOTING SCALE—1: 30

(FDN. RAFT REINF.) — 20T@150 C/C (T+B) MESH

150 (TYP.)

75 THK. P.C.C. (1:4:8) OVER
7.75 THK. BRICK SOLING (OPTIONAL AS PER SITE CONDITION TYP.)

400 <sub>\*</sub>TIE BEAM

Ø₽.

450

-COLUMN REINF.

SUBJECTED TO MIN. 1750 FROM G.L

TIE BEAM REINF.

DEALT BY: L.K.DAS SCALE : 1:100 OR AS SHOWN DATE : 28.06.2023 DRG. NO.: SGP-II-CNDD '^7

OFFICE USE ONLY