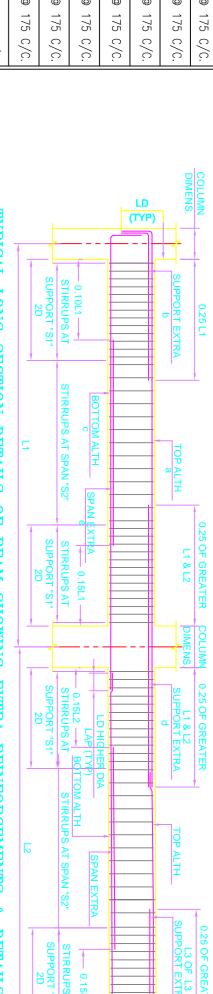


1			(TYF		<u>-</u>	
2D	SUPPORT "S1"			000	STIDDODT EXTON	0.25 L1
<u> </u>	STIRRUPS AT SPAN "S2"	BOTTOM ALTH SPA		a	TOP ALTH	<u>.</u>
2D	STIRRUPS AT	SPAN EXTRA 0 1511			L1 & L2	0.25 OF GREATER
+					DIMENS	COLUM
2D	SUPPORT "S1"	LD HIGHER DIA		001		COLUMN 0.25 OF GREATER
2	STIRRUPS AT SPAN "S2"	SPAN EXTRA			TOB ALTH	T
2D	STIRRUPS AT	0.15L2			L3 OF L3	0.25 OF GREATER COLUMN
1					DIMENS.	COLUMN
<u> </u>	STIRRUPS AT					t



) \le	BEAM SIZE	ALTHOUGH REINFORCEMENT	OUGH CEMENT	REINFO	EXTRA REINFORCEMENT	STIR	STIRRUPS
D.	(W) X (D)	TOP	воттом	EXTRA TOP	EXTRA BOTTOM	AT SUPPORT	AT SPAN
≃	250 X 350	3-16¢T	3-16¢T	2-12øT	2-12¢T	8øT @ 125 C/C.	8øT @ 175 C/C.
32	250 X 350	2-160T	2-16¢T	3-16¢T	2-12¢T	8øT @ 125 C/C.	8øT @ 175 C/C.
33	250 X 350	3-16¢T	3-16øT	2-16¢T	2-16øT	8øT @ 125 C/C.	8øT @ 175 C/C.
4	250 X 350	3-16¢T	3-16¢T	2-12¢T	2-12¢T	8øT @ 125 C/C.	80T @ 175 C/C.
Ši	250 X 350	3-16¢T	3-16øT	3-160T	3-16¢T	8øT @ 125 C/C.	80T @ 175 C/C.
6	250 X 350	3-16¢T	3-16¢T	3-16¢T	2-12øT	8øT @ 125 C/C.	. 8øT @ 175 C/C.
87	250 X 350	3-16¢T	3-16øT	3-160T	2-12øT	8øT @ 125 C/C.	8øT @ 175 C/C.
8	250 X 350	2-16¢T	3-16¢T	3-16¢T	2-12øT	8øT @ 125 C/C.	8øT @ 175 C/C.
9	250 X 350	3-16¢T	3-16¢T	3-16¢T	2-12¢T	8øТ @ 125 C/C.	8øT @ 175 C/C.
0	250 X 350 3-16øT		3-16øT	3-16øT	2-12øT	8øT @ 125 C/C. 8øT @ 175 (8øT @ 175 C/C.

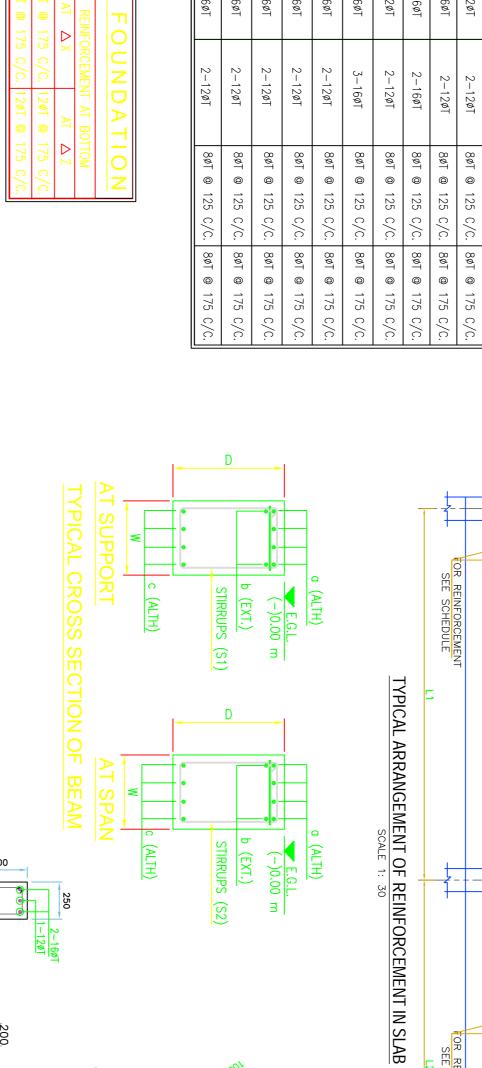
SCHEDULE

TYPICAL

FLOOR BEAM

FOR REINFORCEMENT

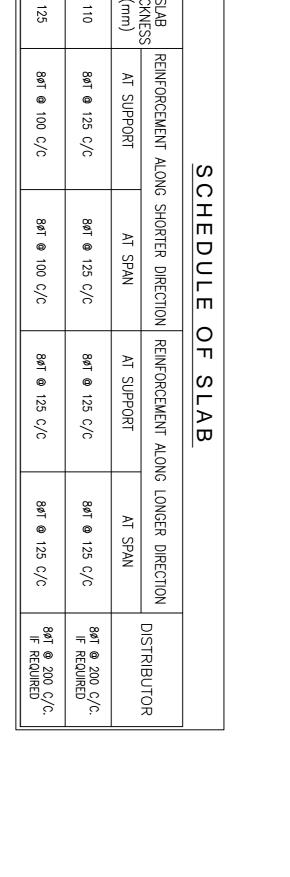
	FB10	FB9	FB8	FB7	FB6	FB5	FB4	FB3	FB2	FB1	<u> </u>	BEAM
	250 X 350	(W) X (D)	BEAM SIZE									
	3-16¢T	3-16¢T	2-16¢T	3-16¢T	3-16¢T	3-16¢T	3-16¢T	3-16¢T	2-16¢T	3-16¢T	TOP	ALTHOUGH REINFORCEMENT
	3-16¢T	3-16¢T	3-16¢T	3-16øT	3-16¢T	3-16¢T	3-16¢T	3-16¢T	2-16¢T	3-16¢T	воттом	DUGH CEMENT
	3-16¢T	3-16¢T	3-16¢T	3-16øT	3-16¢T	3-16¢T	2-12¢T	2-16øT	3-16¢T	2-12øT	EXTRA TOP	E) REINFO
	2-12øT	2-120T	2-120T	2-120T	2-120T	3-16¢T	2-12¢T	2-16øT	2-12øT	2-12øT	EXTRA BOTTOM	EXTRA REINFORCEMENT
	8øT @ 125 C/C.	AT SUPPORT	STIR									
	8øT @ 175 C/C.	AT SPAN	STIRRUPS									
'								•	•		•	



b (EXT.)
STIRRUPS (S2)

LINKS DETAIL

-STIRRUPS OR LINKS AS PER SCHEDULE



TYP.

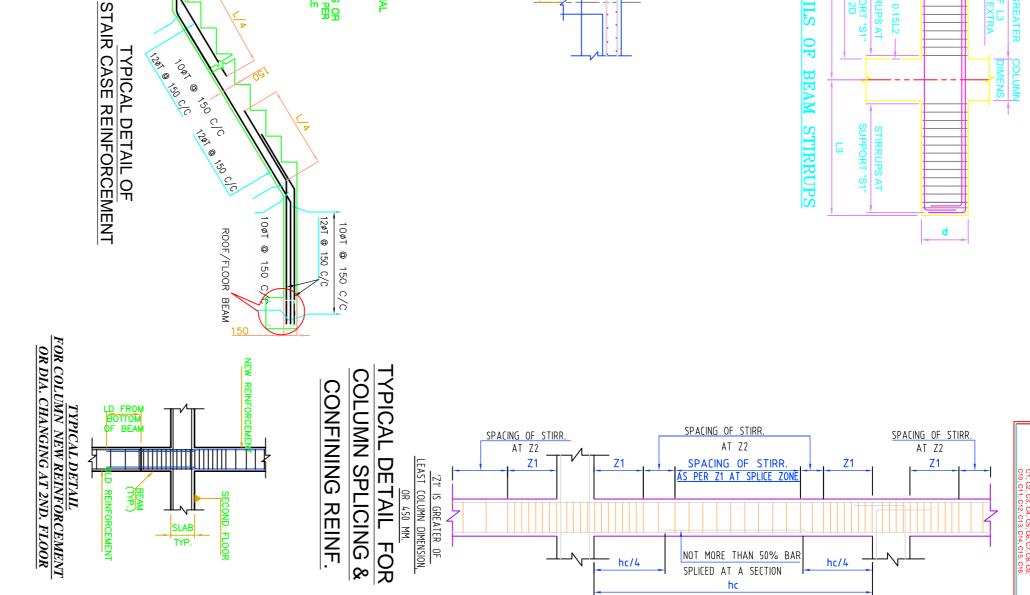
DETAILS OF PEDESTAL

12øT @ 150 C/C

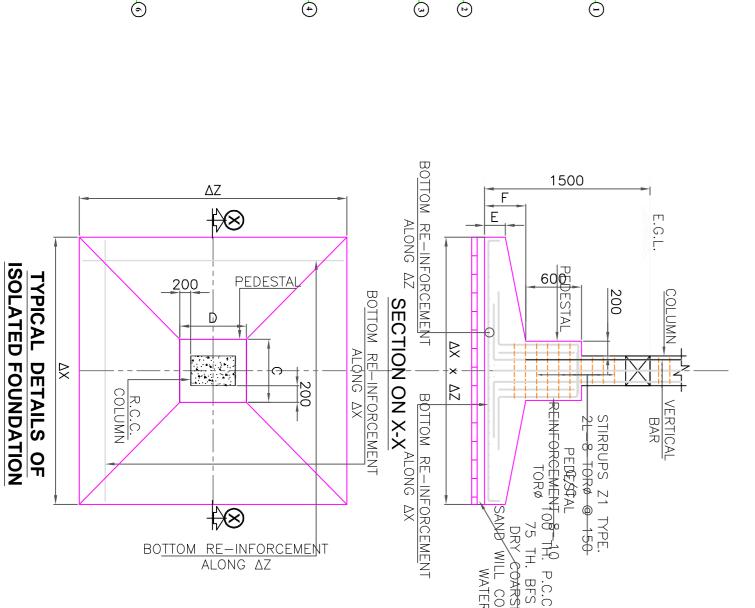
12øT @ 150 C/C

12øT @ 150 C/C

<u>S</u>



OR REINFORCEMENT



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(3)

FB-9

(3)

NOTES:

1). ALL DIMENSIONS & LEVELS ARE IN MM. OTHERWISE MENTIONED

2). ALL R.C.C. WORK SHALL PREFERABLY BE OF M25 GRADE FOR SUB-STRUCTURE & M20 FOR SUPER STRUCTURE.

3). T.M.T. REINFORCEMENT BAR (YIELD STRESS FY =500 N/MM²) SHALL CONFORM TO IS:1786.

4). CLEAR COVER FOR FDN.=50MM, COLUMN=40MM, BEAM=25MM AND SLAB=20MM.

5). STONE CHIPS SHALL BE 20 MM. DOWN WELL GRADED.

6). ALL REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS CONFORMING TO IS:1786.

7). LAPS TO BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50% BARS BE LAPPED AT ANY SECTION.

8). BENT LENGTH SHALL BE AS PER SP34 & IS 2502

9). DEVELOPMENT LENGTH "LD" & LAP LENGTH SHALL BE TAKEN AS 50 X DIA OF THE BAR UNLESS SPECIFIED.

10). ALL CONSTRUCTION WORK SHALL BE EXECUTED IN ACCORDANCE WITH RELEVANT IS CODES.

11). 5-1607 MEANS 5 NOS BAR OF 16MM DIA. T.M.T./HYSD BAR.

12). ANY DISCREPANCY IN DRG. SHOULD BE BROUGHT TO THE NOTICE OF DESIGNERS IMMEDIATELY.

13). ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS OTHERWISE STATED.

14). ±0.00 LEV. REFERS TO E.G.L.

15). ALL 'L' BENDS OF REINFORCEMENT ARE 300mm (MIN.).

16). VIBRATOR SHALL BE DONE PROPERLY COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.

17). THIS DRAWING SHOULD BE READ ALONG WITH THE CORRESPONDING ARCHITECTURAL DRAWING.

CERTIFICATE OF STRUCTURAL ENGINEER

WE HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON PLOT WARD NO.— 14, MOUZA + P.S. — CHANDERNAGORE, J.L. NO.— 1, SHEET NO.— 2, R.S. KHATIAN NO.— 289, 290, R.S. DAG NO.— 462(P), 464(P), 465(P), L.R. DAG NO.— 792, 793, 794, L.R. KHATIAN NO.— 2251, 2252, HAVE BEEN SO DESIGNED BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL ETC.

NAME : GOUTAM NANDI ADDRESS : OLD KAPASDANGA, HOOGHLY. EMPANELMENT NO. — 1420. (K.M.C.)

SIGNATU

R E

QF

STRUCTURAL ENGINEER

SIGNATU RE OF OWNER

SIGNATU RE OF L.B.S.

YELLOW YACTED BY

STRICTURAL PLAN FOR TWO STORIED RESIDENTIAL BUILDING OF PRIYANKA KUMARI, W/O SRI SANJIT KUMAR DAN, AT DDC RESIDENCE ROAD, JAMTARA, UNDER JAMTARA NAGAR PANCHAYET, DIST.- JAMTARA.

WARD NO:- 04	
THANA NO:- 03	
MOUZA JAMTARA NO-03.	
PLOT NO:- 1037/A/4/B/1	
KHATA NO :- 297/KA/2	

DRAWING TITL

STRUCTURAL GA DRAWINGS AND REINFORCEMENT DETAILS

00 OR

SHEET DATE-<u>N</u>0. 22.09 .2018 9

COLUMN & FOUNDATION LAYOUT

SCALE = 1:100

TIE BEAM PLAN

SCALE = 1:100

TYPICAL FLOOR BEAM & SLAB LAYOUT

SCALE = 1:100

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