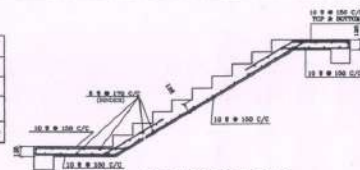


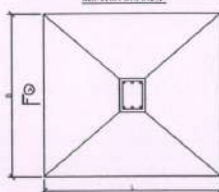
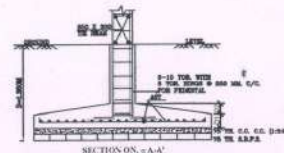
SCHEDULE OF ISOLATED FOOTINGS (DEPTH - 1.350M)									
FOOTING NO.	FOOTING DIMS (mm)	LENGTH (mm)	WIDTH (mm)	SLAB THK (mm)	REINFORCEMENT OF SLAB (mm ²)		REINFORCEMENT OF FOOTING (mm ²)		
					CONCRETE STRENGTH	WEIGHT DIRECTION	AT MID POINT	AT END POINT	AT END POINT
F1	C12C18C14	2100	2100	300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
F2	C12C18C14	2200	2200	300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
F3	C12C18C14	2200	2200	300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
F4	C12C18C14	2200	2200	300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c

SCHEDULE OF R.C.C. SLAB									
SLAB NO.	SLAB DIMS (mm)	REINFORCEMENT ALONG SHORTER DIM	REINFORCEMENT ALONG LONGER DIM	AT MID POINT	AT END POINT	AT MID POINT	AT END POINT	AT MID POINT	AT END POINT
S1	12000	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
S2	12000	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c



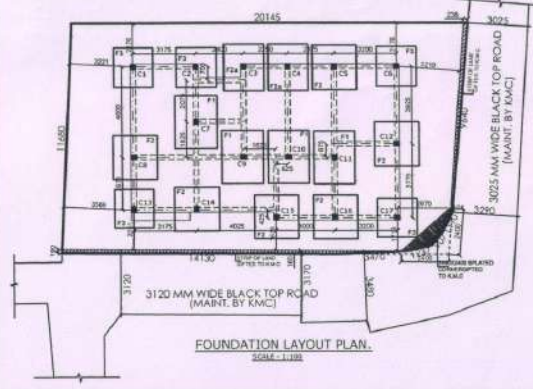
DETAILS OF STAIR SLAB
SCALE: 1:20

SCHEDULE OF R.C.C. BEAM									
BEAM NO.	BEAM DIMS (mm)	LONG REINFORCEMENT		TOP REINFORCEMENT		BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
B1	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B2	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B3	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B4	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B5	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B6	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B7	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
B8	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c

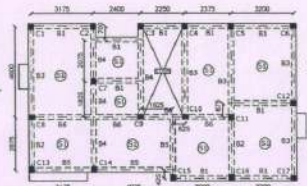


DETAILS OF ISOLATED FOUNDATION
SCALE: 1:20

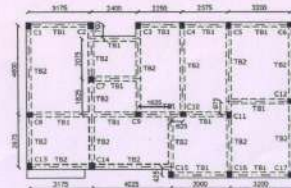
SCHEDULE OF R.C.C. COLUMNS				
COLUMN NO.	COLUMN DIMS (mm)	LONG REINFORCEMENT	TOP REINFORCEMENT	BOTTOM REINFORCEMENT
C1	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C2	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C3	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C4	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C5	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C6	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C7	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C8	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C9	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c
C10	200x300	12.7 @ 150mm c/c	12.7 @ 150mm c/c	12.7 @ 150mm c/c



FOUNDATION LAYOUT PLAN
SCALE: 1:100



BEAM & SLAB LAYOUT PLAN
SCALE: 1:100



TIE BEAM LAYOUT PLAN
SCALE: 1:100

STRUCTURAL DRAWING OF A
PROPOSED PLAN OF A THREE STORED
RESIDENTIAL BUILDING AT PREMISES
NO. - 571/1, USTAD AMIR KHAN
SARANI, WARD NO. - 122, BOROUGH -
XIII, P.S. - HARIDVAPUR, UNDER K.M.C. U/S
393A OF K.M.C. ACT, 1980 OF
BUILDING RULE 2009.
NAME OF OWNER - SRI ASHIM KUMAR
SARKAR AND OTHERS

SPECIFICATIONS:-

- DEPTH OF FOUNDATION IS AT 1.000 M. BELOW G.L.
- SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT.
- GRADE OF CONCRETE IS M-30 AND GRADE OF STEEL IS Fe-415.
- CLASH CHECK TO MAIN DIMS IS AS PER DRAWING.
- FOUNDATION - 40 MM. (1) COLUMN - 40 MM. (2) BEAM - 50 MM. (3) SLAB - 15 MM.
- ALL REBAR MUST BE CAST MONOLITHIC WITH REINFORCING BEAM.
- ALL OTHER SPECIFICATIONS ARE AS PER NATIONAL BUILDING CODE OF INDIA.

THIS STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE EARTH LOAD AS PER S.D.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS.

Suwendu Kumar
DR. SUWENDU KUMAR
SIGNATURE OF DR.

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