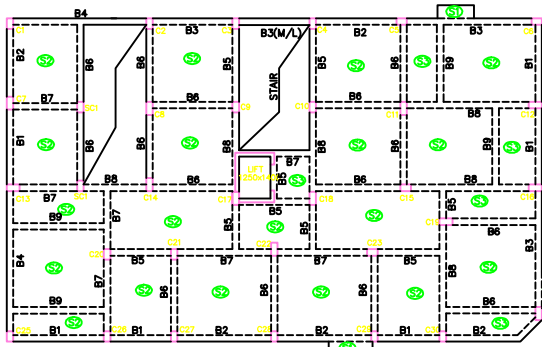
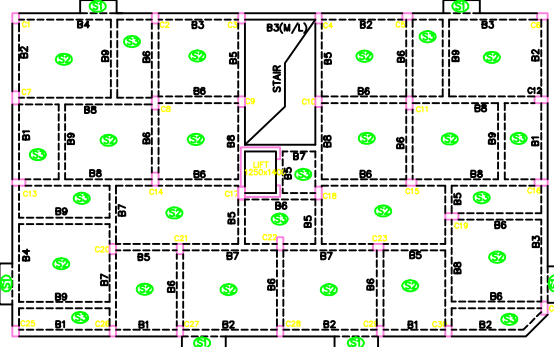
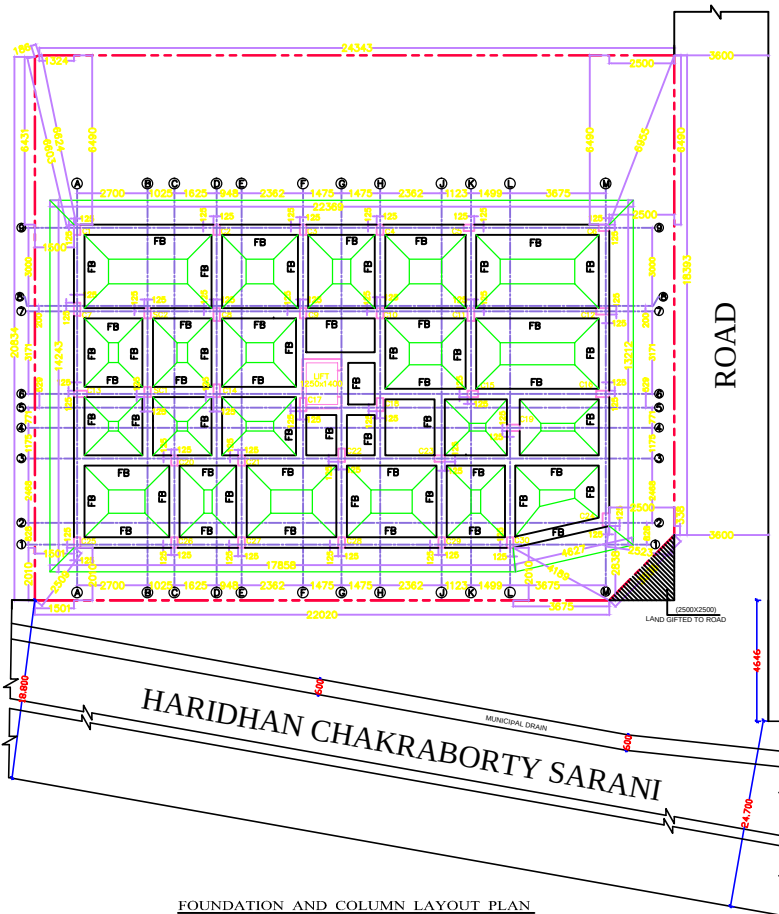




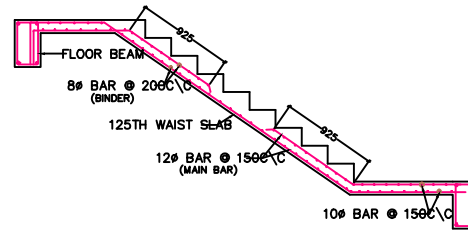
1ST. FLOOR BEAM LAYOUT



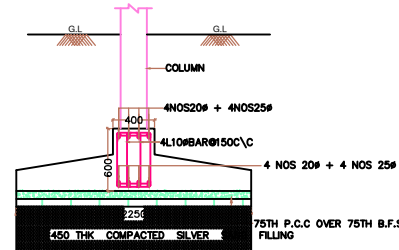
2ND. TO TOP FLOOR BEAM LAYOUT
SCALE:- 1:100



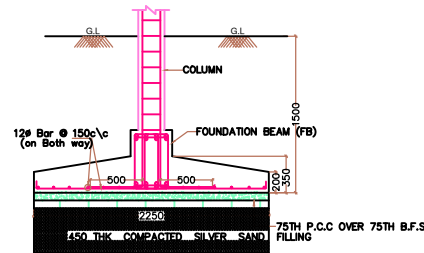
FOUNDATION AND COLUMN LAYOUT PLAN
SCALE:- 1:100



TYPICAL CROSS SECTION OF STAIR
SCALE:- 1:25



CROSS SECTION OF FOUNDATION BEAM (FB)
SCALE :- 1:25



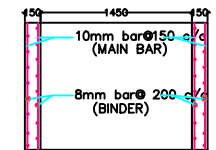
CROSS SECTION OF UNIFORM STRIP FOOTING
SCALE :- 1:25

TYP. FLOOR SLAB SCHEDULE (CONCRE)

SLAB MKD	SLAB THICK	REINFORCEMENT	
		ALONG SHORTER SIDE	ALONG LONGER SIDE
S1	150	12mm @150c/c (top,Supp.) 10mm @150c/c (bottom)	12mm @150c/c (top,Supp.) 10mm @150c/c (bottom)
S2	125	8mm @125c/c (top,Supp.) 8mm @125c/c (bottom)	8mm @125c/c (top,Supp.) 8mm @125c/c (bottom)
S3	100	8mm @200c/c (top,Supp.) 8mm @200c/c (bottom)	8mm @200c/c (top,Supp.) 8mm @200c/c (bottom)

FLOOR BEAM SCHEDULE (CONC.GR-M 20)

BEAM MKD	BEAM SIZE	REINFORCEMENT			
		SUPPORT		SPAN	
		TOP	BOTTOM	TOP	BOTTOM
B1/B5	(250X500)	2-16# + 1-12#	2-16#	2-16#	2-16#
B2/B6	(250X500)	3-16#	2-16#	2-16#	3-16#
B3/B7	(250X500)	4-16#	2-16#	2-16#	4-16#
B4/B8	(250X500)	5-16#	3-16#	3-16#	5-16#
B9	(250X500)	4-16#	3-16#	2-16#	5-16#



CROSS-SECTION OF LIFT WELL
SCALE:- 1:25

COLUMN SCHEDULE (GRADE OF CONCRETE-M25)

FLOOR	SECTION	REINFORCEMENT
4th. FLOOR TO ROOF	6-16# + 4-12#	10-16#
3rd. FLOOR TO 4th. FLOOR	6-16# + 4-12#	10-16#
2nd FLOOR TO 3rd. FLOOR	8-16# + 2-12#	4-16# + 6-12#
1st FLOOR TO 2nd. FLOOR	8-16# + 2-12#	4-20# + 6-16#
FOUNDATION TO 1st.FLOOR	10-16# + 4-16#	10-16# + 4-16#
SIZE	SECTION	REINFORCEMENT
C1,C2,C3,C4,C5,C6,C9,C10,C12,C13,C14,C15,C20,C21,C16,C17,C18,C19,C22,C24	(250 x 400)	(250 x 500)
C7,C8,C11,C12,C13,C14,C16,C17,C18,C19,C22,C24	(250 x 500)	(250 x 400)
C1,C2,C3,C4,C5,C6,C9,C10,C12,C13,C14,C15,C20,C21,C16,C17,C18,C19,C22,C24	C30	C30

SPECIFICATIONS:-

- THE STRUCTURE IS DESIGNED AS A CONTINUOUS FRAME AND IN LIMIT STATE METHOD.
- AND CHARACTERISTIC STRENGTH IS 500N/Sq.mm
- TH FIRST CLASS
- STAR-14.
- ALONG WITH THE DRAWINGS.
- TECHNICAL ENGINEER
- SITE AND CARRIED OUT SOIL TESTS TO DETERMINE THE EXISTING LOAD COMING FROM THE FOUNDATION SYSTEM IN ALL RESPECT FROM

BHASKARJYOTI ROY
OTE / 20
NAME OF GEO-TECHNICAL

DECLARATION OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH CONSIDERING THE SOIL TEST REPORT, (AS PER THESE RULES AND THE REGULATIONS MADE UNDER THE ACT) AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

SUBRATA MONDAL
Chartered Engineer (Civil)
B.C.E., A.M.I.E., C-ENG (I)
ESE CL-I 109
NAME OF ESE

DECLARATION OF LBS CL-I

CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES FOR THE RAIPUR SONARPUR MUNICIPALITY. CERTIFIED THAT THE FOUNDATION AND SUPER STRUCTURE OF BUILDING HAVE BEEN SO DESIGNED BY ME WILL MAKE FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE BEARING CAPACITY AND SETTLEMENT OF SOIL.I HAVE PERSONALLY VERIFIED THE SITE AND FOUND IT IS BUILDABLE. IT IS NOT A TANK OR FILLED UP TANK.

SYED WASEH NAZAKAT
LBS CL-I 500
NAME OF L. B. S. CL-I

DECLARATION OF OWNER

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.S & ESE DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) RAIPUR SONARPUR MUNICIPALITY. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADDING STRUCTURE. IF ANY SUBMITTED DOCUMENT ARE FAKE THE MUNICIPALITY AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R TAKEN UNDER THE GUIDANCE OF LBSE BEFORE STARTING OF BUILDING FOUNDATION.

UMESH NASKAR
SOMA MONDAL
SHARMILI BHOWMIK
RANJIT NASKAR
SANJIV NASKAR
TAPAS KUMAR NASKAR
NAME OF OWNERS

TITLE: STRUCTURAL DETAILS

PROJECT:
PROPOSED G+4 STORED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN AT MOUZA - SONARPUR, L.R. DAG NO.-436,439,440.
L.R. KHATAN NOS.-5408,4467,6958,5460,5461,5619, J. NO. - 39 WARD - 13, ROAD - SAHEB PARA , HOLDING NO. - 279, P.S. - SONARPUR, DIST-24 P.S.(S), UNDER RAIPUR SONARPUR MUNICIPALITY.

CONSULTANT:
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DRAWN BY:- PARTHA SCALE: 1:100, 1:25 SHEET NO-C-S/1
CHECKED BY:- S.M. REVISION ON:-00 DATE-06.07.2024