

PROJECT NAME:-

STRUCTURAL DRAWING OF PROPOSED (B+G+10) ELEVAN STORIED RESIDENTIAL CUM COMMERCIAL BUILDING OF MRS. RINA GHOSH W/O MUKTIPADA GHOSH, MR. MUKTIPADA GHOSH S/O LATE RABI LOCHAN GHOSH, MRS. SHOBHA GHOSH W/O NARAYAN CHANDRA GHOSH, MRS. CHHANDA GHOSH W/O DAMODAR GHOSH, MRS. RAJKUMARI GHOSH W/O CHANDI CHARAN GHOSH, R.S PLOT NO- 21.22.232. L.R PLOT NO- 39, 52, 53, L.R. KHATIAN NO-2486,2195,2763, 2834,2835,2838,2839. J.L. NO -109 MOUZA-SHANKARPUR, P.S.-N.T.P.S., DIST-PASCHIM BARDHAMAN, WEST BENGAL.

- NOTES :-
- (±) 0.00 m LEVEL REFERS TO E.G.L.
 - UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH). HOWEVER ARCHITECTURAL DRAWING TO BE COORDINATED FOR ALL LEVELS.
 - ALL STRUCTURAL DRAWINGS SHALL BE READ ALONG WITH THIS DRAWING AS WELL AS RELEVANT ARCHITECTURAL DRAWINGS.
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT. BARS OF GRADE Fe-500/500 D CONFORMING TO IS-1786-2008.
 - ADEQUATE CHAIR BARS TO BE PROVIDED TO KEEP THE TOP REINFORCEMENT IN PROPER POSITION.
 - UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE DEVELOPMENT LENGTH=50xBAR DIA.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
a) Beam:-25mm, b) Column:-40mm, c) Slab:-15mm, d) Footing:-50mm, e) R.C.C Wall:-20mm, f) Stair:-20mm.
 - Grade of concrete will be M30 for column and M25 for beam and sub structure as per is: 456:2000.
 - Development length 50xD for lap & splices should be provided as per the provisions laid down in SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

Complex
MUKTIPADA GHOSH
RINA GHOSH
CHHANDA GHOSH

SIGNATURE OF STRUCTURAL ENGINEER:-

H. N. Ghosh
Structural Engineer
Lic. No. L.B.P.M.163/AMC-DW/CB/PD/165
DCE, B.TECH. G.I.D.S, Durgapur-16
Contact No. 7022984157
As per P502P Letter
Memo no - 927/2022
dt - 05/10/2024
Approved Plan No. ... on Meeting
No. 24/2022-23, Date 20/09/2022
Valid upto. 12/08/2024
Saptasati Son
Prodhan
Jemia Gram Panchayat

TITLE:-

FOOTING LAYOUT PLAN, SCHEDULE OF RAFT BEAM, LONG SECTION & CROSS SECTION OF RAFT BEAM, SECTION OF LIFT WALL, DETAILS OF RETAINING WALL.

DRAWN BY:- A BADIYAKAR

CHECKED BY:- S AKHTAR

SCALE : 1:100, 1:50, 1:25, N.T.S

REV-00

DATE : 10.02.2023

SHEET NO:- STRUCTURE:-02-04

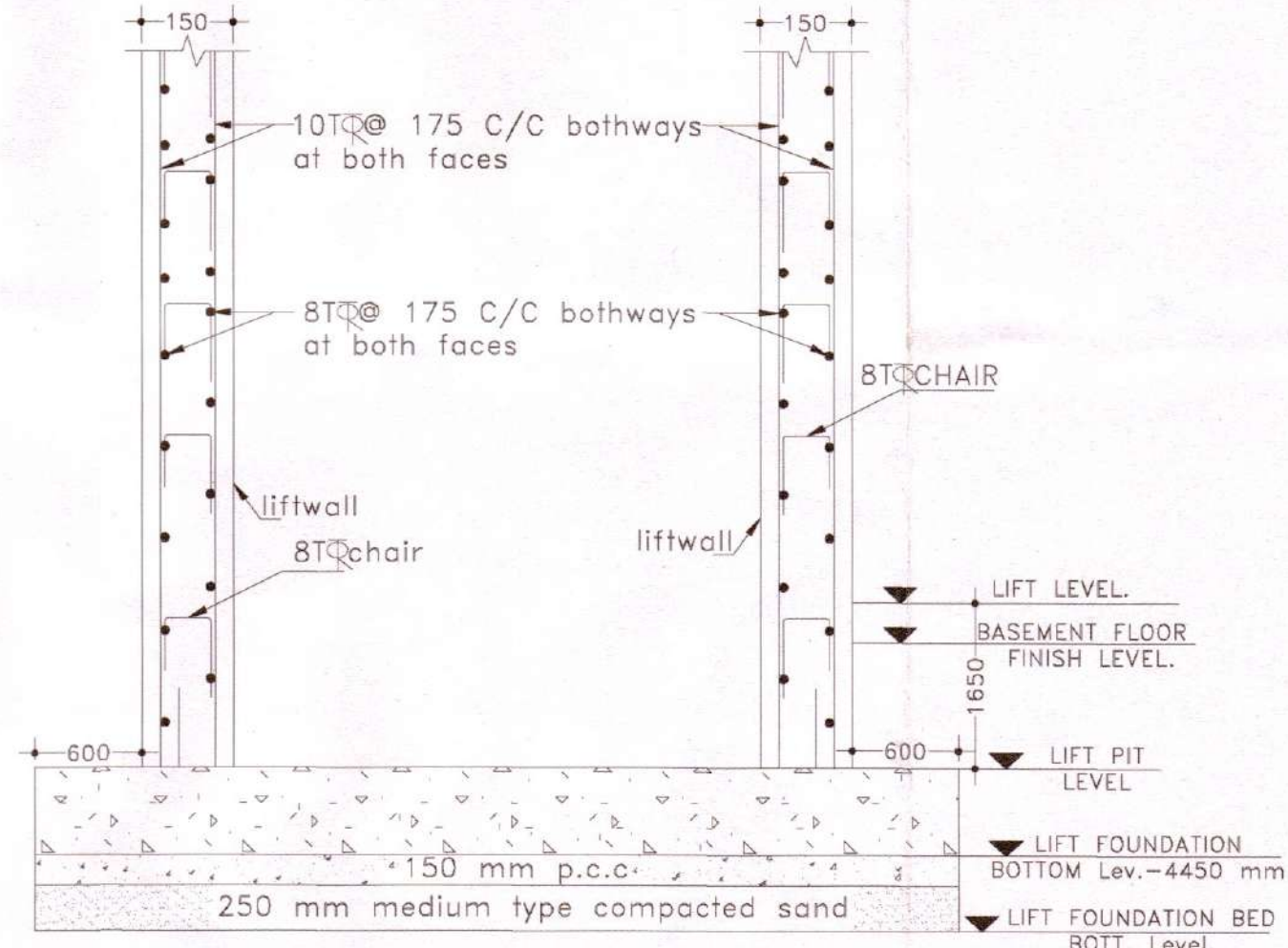
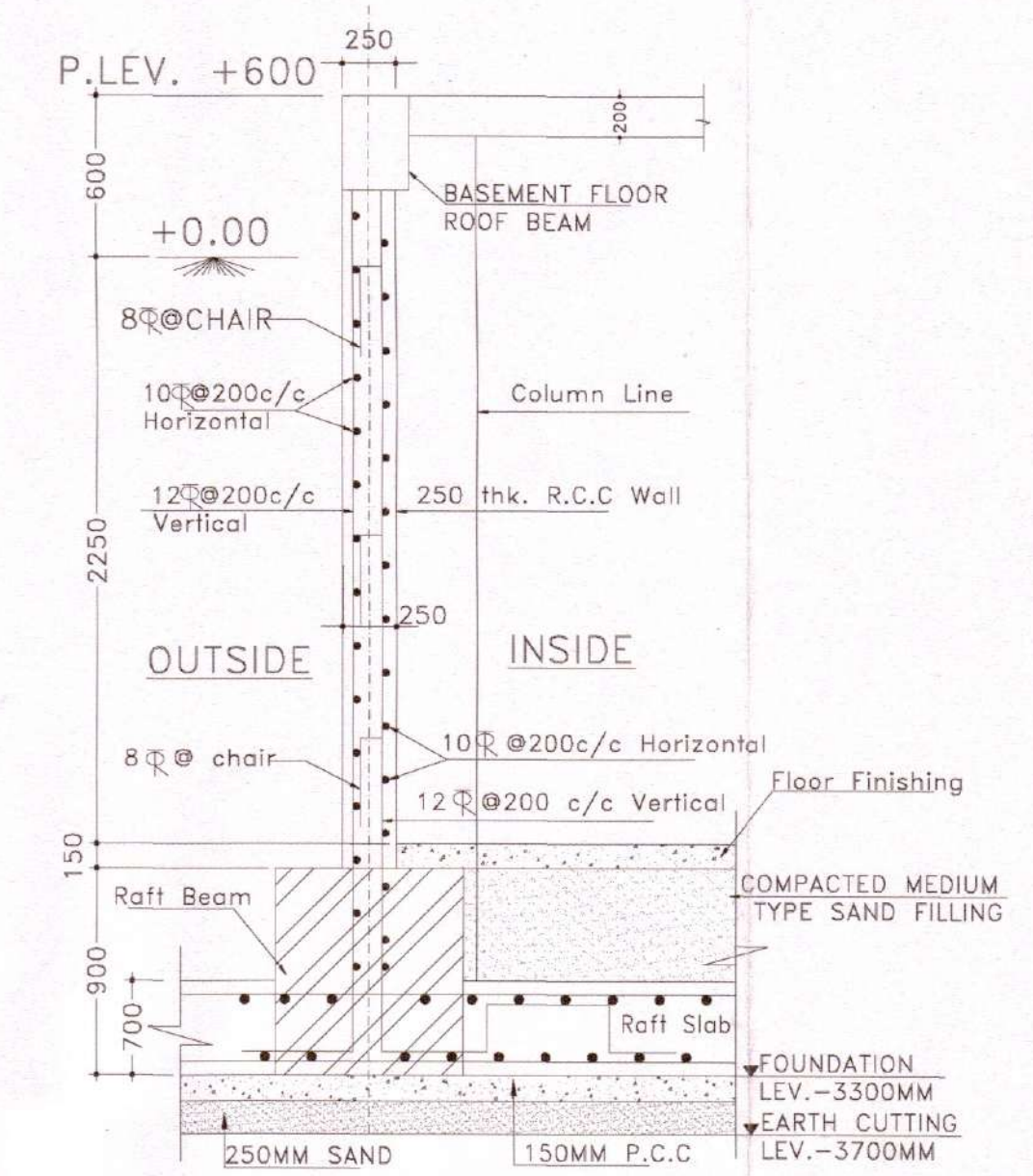
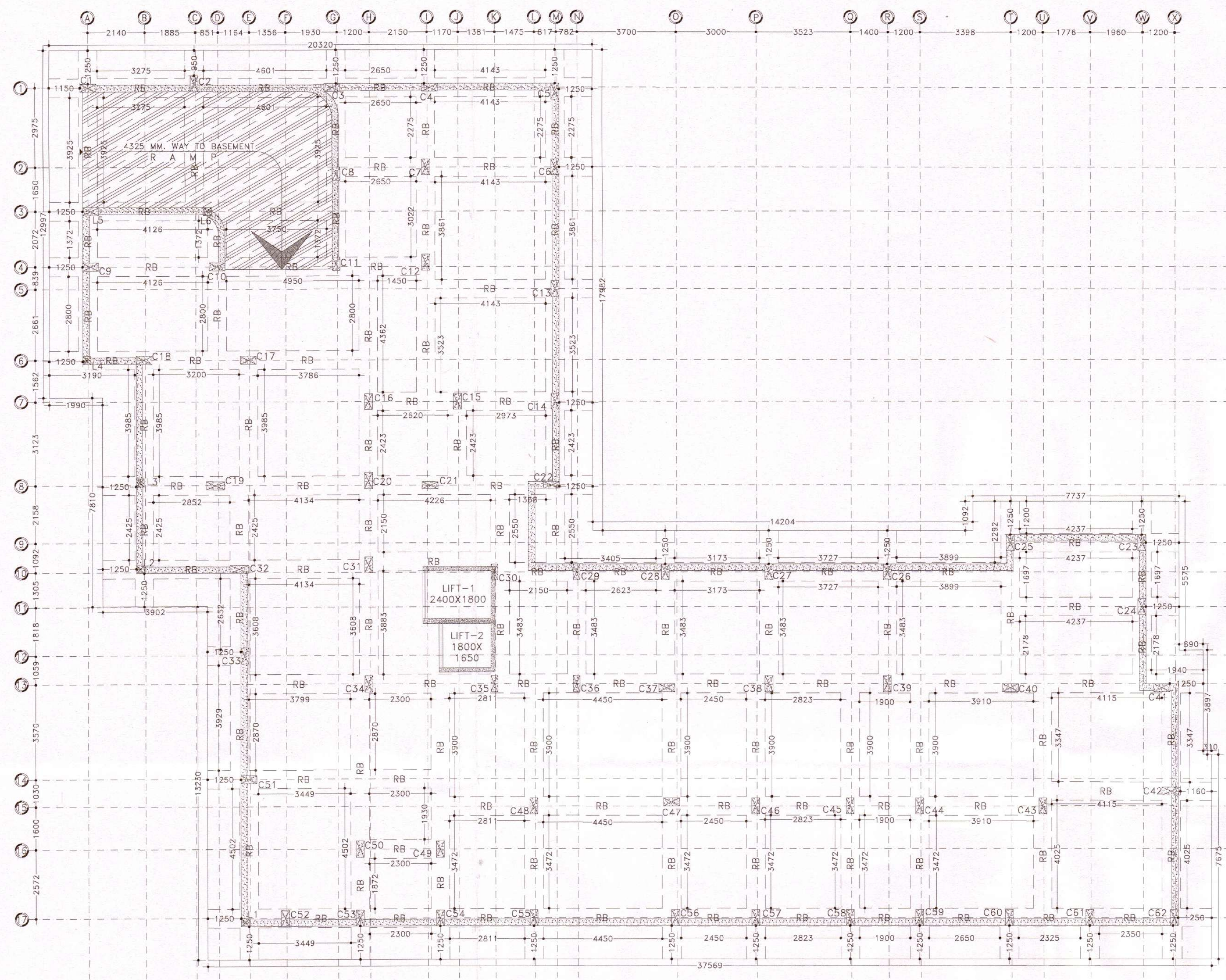
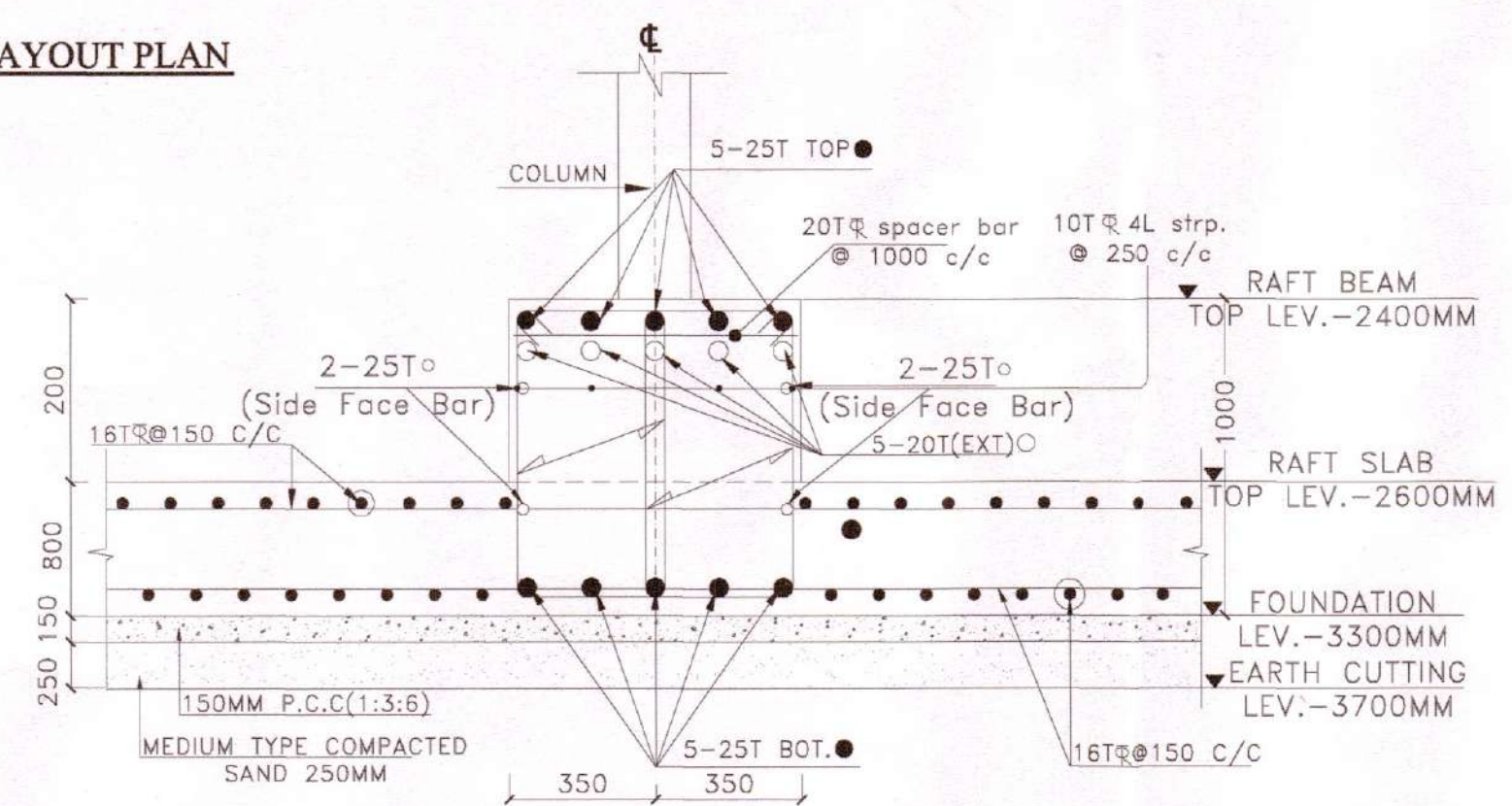


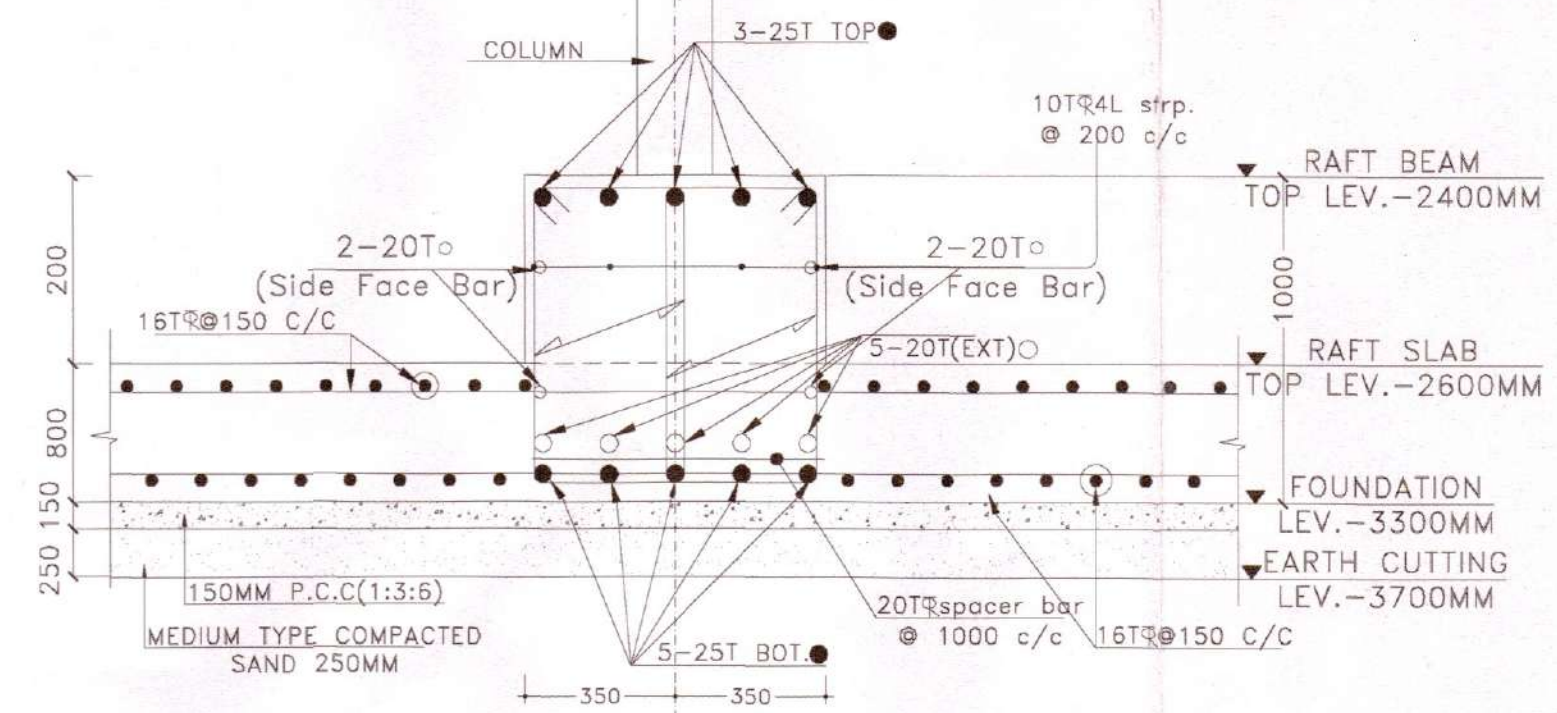
TABLE NO:-01 (SCHEDULE OF RAFT BEAM)

Beam Mkd	Size B D	All Through Top(a) Bot.(c)	Ext. at End Supp. Top (b)	Ext. at End Supp. Bot (e)	Ext. at Cont. Supp. Top (b)	Side Face Bar	STIRRUPS Support(S)	Span(S)
RB	700 1000	5-25T 5-25T	5-20T	5-20T	5-20T	2-25T	4L-10T@200C/C 4L-10T@250C/C	

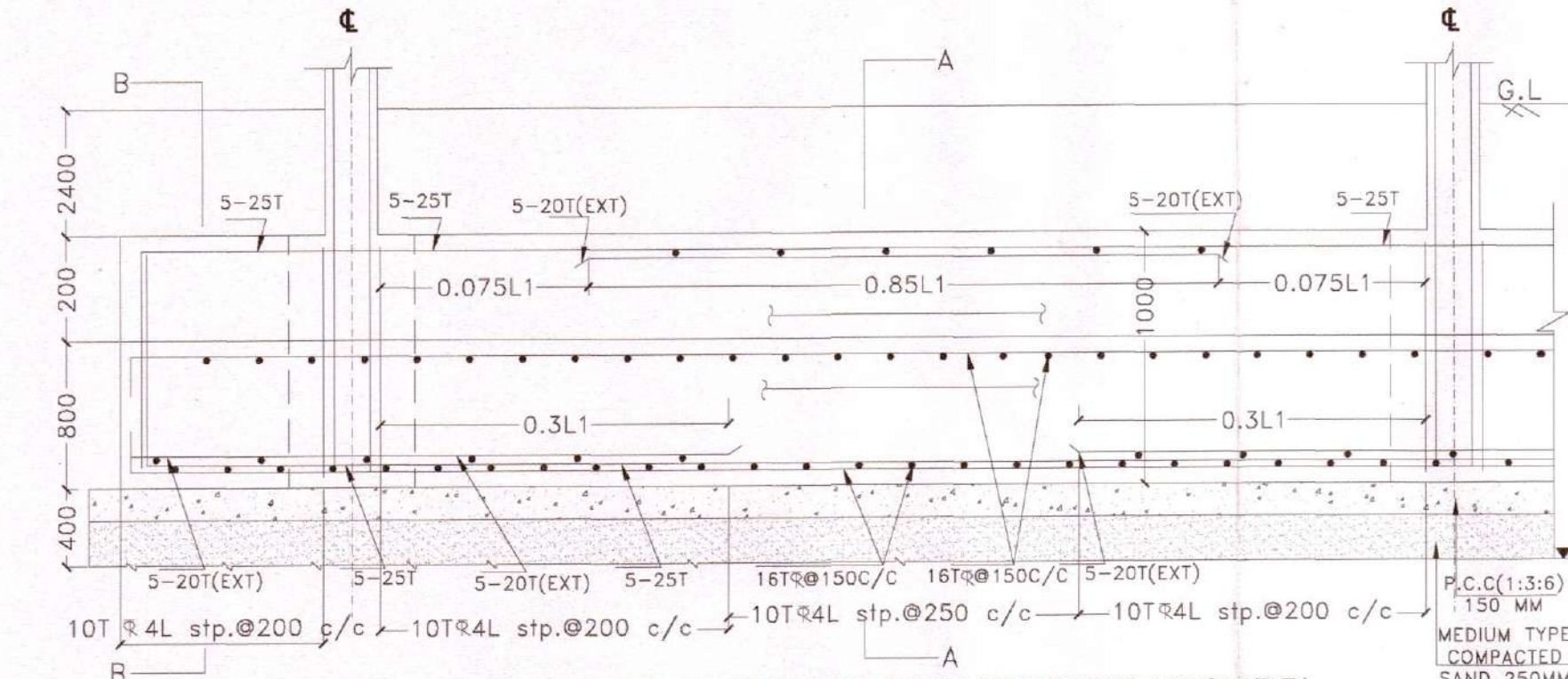
1 FOOTING LAYOUT PLAN SCALE: 1:100



1A CROSS SECTION :- A-A SCALE: 1:25



1B CROSS SECTION :- B-B SCALE: 1:25



1 LONG SECTION OF RAFT FOUNDATION(RB) SCALE: 1:25

SIGNATURE OF ARCHITECT:-

Mamji Monowara Khatun
MAKJU MONOWARA KHATUN
ARCHITECT
CA/2022/146222
G.I.D.S., Durgapur -16

SIGNATURE OF GEO-TECHNICAL ENGINEER:-

H. N. Ghosh
H. N. GHOSH
CIVIL
Geotechnical Engineer
Lic. No. L.B.P.M.163/AMC-DW/CB/PD/165
G.I.D.S., Durgapur-16