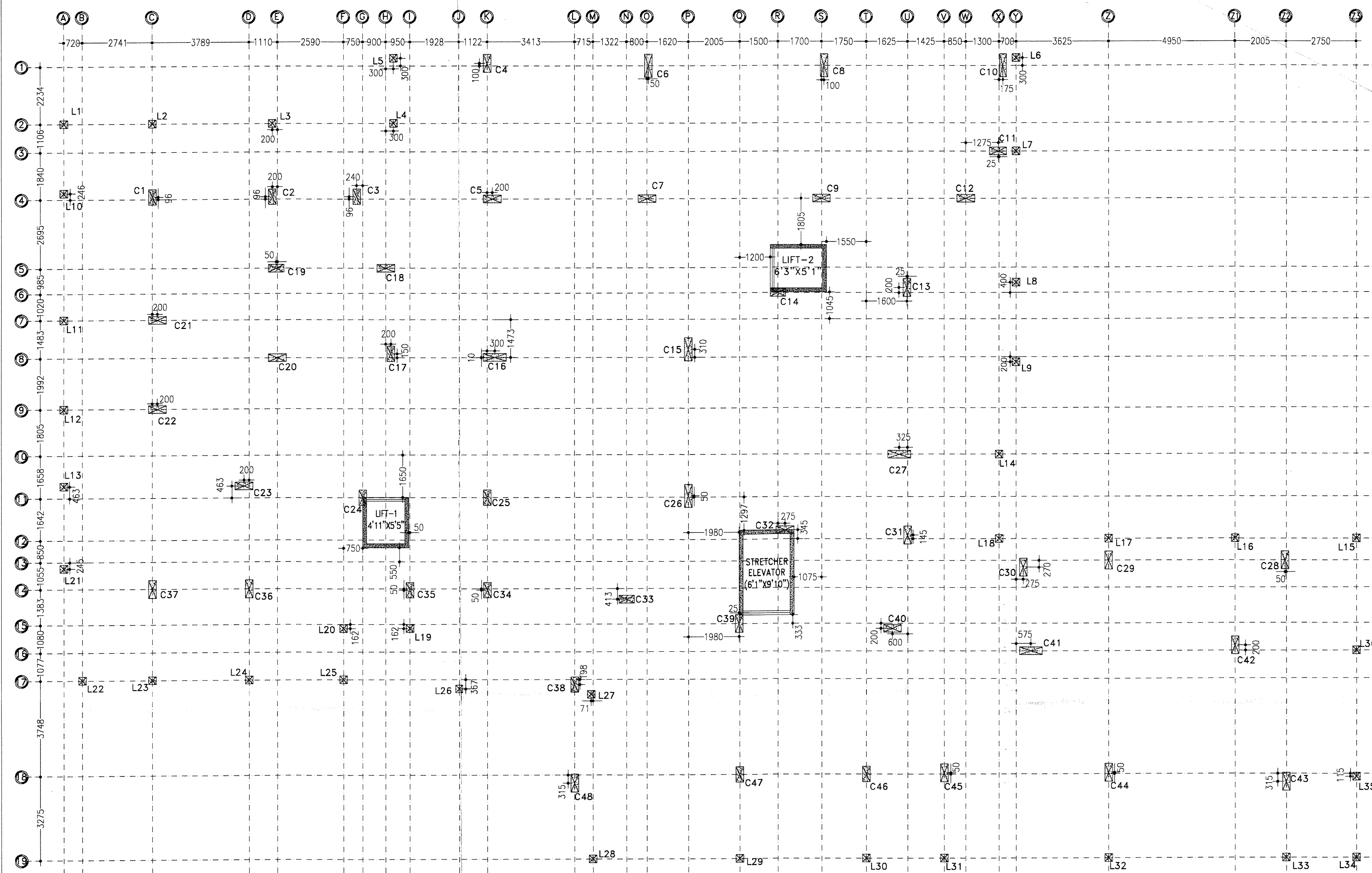




1 COLUMN LAYOUT PLAN
SCALE: 1:100

TABLE NO:-1 (SCHEDULE OF COLUMN)

COLUMN MARKED	NO. OF COLUMN	COLUMN SIZE (mm X mm)	FOUNDATION TO 3RD FLOOR LONGITUDINAL REINFORCEMENT	4TH FLOOR TO 6TH FLOOR LONGITUDINAL REINFORCEMENT	7TH FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS
C6, C8, C10, C15, C16, C26, C27, C41	08	900X300	 REINFORCEMENT: 14-25 ϕ	 REINFORCEMENT: 12-25 ϕ 2-20 ϕ	 REINFORCEMENT: 8-25 ϕ 4-20 ϕ	NEAR JUNCTION (UPTO 16 ϕ) LENGTH LINKS: 8 ϕ 75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8 ϕ 150C/C (4 NOS. CLOSED LINK PER SET)	
C4, C5, C7, C9, C11, C12, C13, C18, C20, C21, C22, C23, C28, C29, C30, C31, C32, C36, C37, C39, C40, C42, C43, C44, C45, C48	26	700X300	 REINFORCEMENT: 12-25 ϕ	 REINFORCEMENT: 8-25 ϕ 4-20 ϕ	 REINFORCEMENT: 6-25 ϕ 6-20 ϕ	NEAR JUNCTION (UPTO 16 ϕ) LENGTH LINKS: 8 ϕ 75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8 ϕ 150C/C (4 NOS. CLOSED LINK PER SET)	
C1, C2, C3, C14, C17, C19, C24, C25, C33, C34, C35, C38, C46, C47	14	600X300	 REINFORCEMENT: 8-25 ϕ 4-20 ϕ	 REINFORCEMENT: 6-25 ϕ 6-20 ϕ	 REINFORCEMENT: 4-25 ϕ 8-20 ϕ	NEAR JUNCTION (UPTO 16 ϕ) LENGTH LINKS: 8 ϕ 75C/C (4 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8 ϕ 150C/C (4 NOS. CLOSED LINK PER SET)	

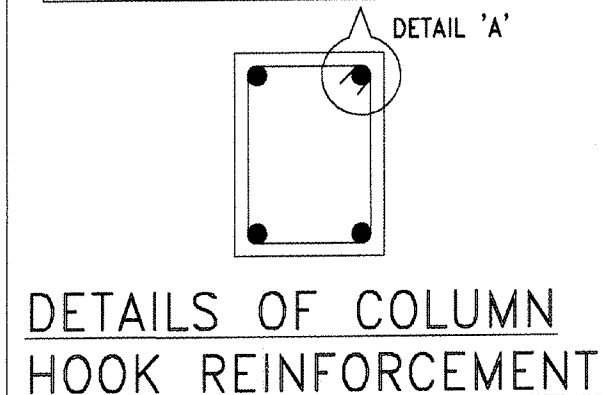
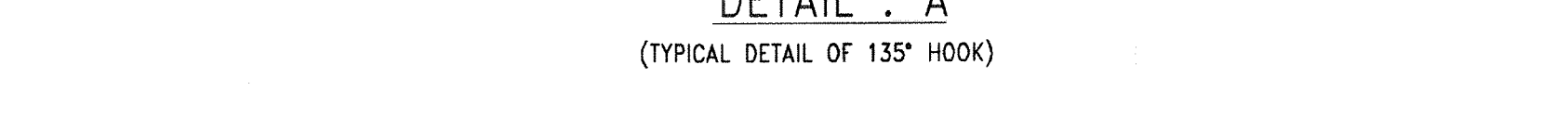
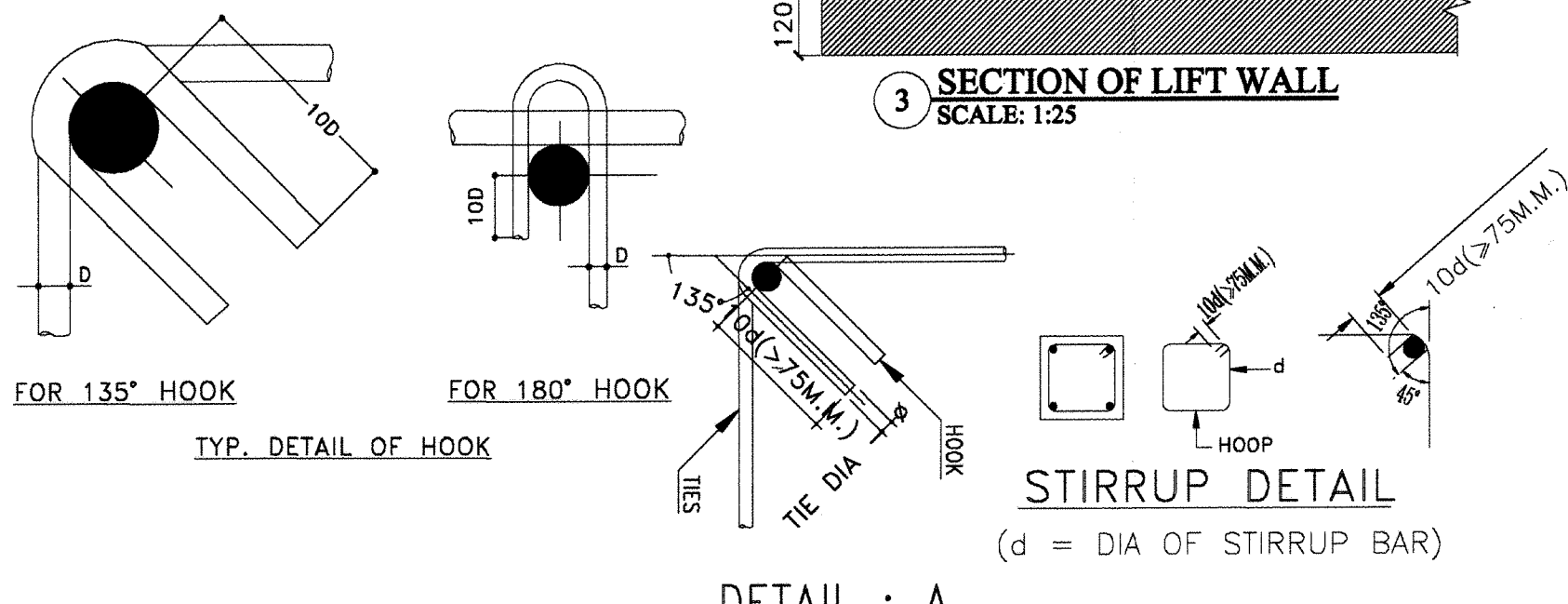
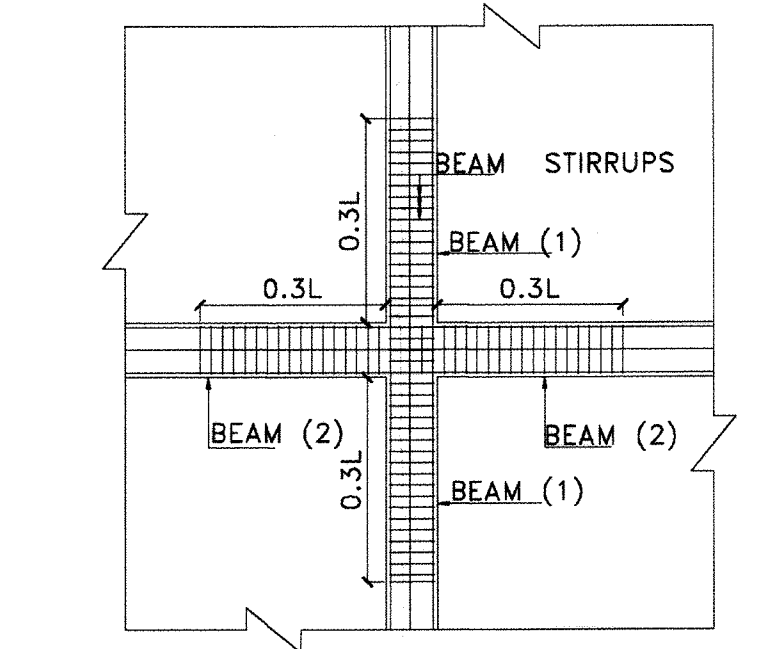
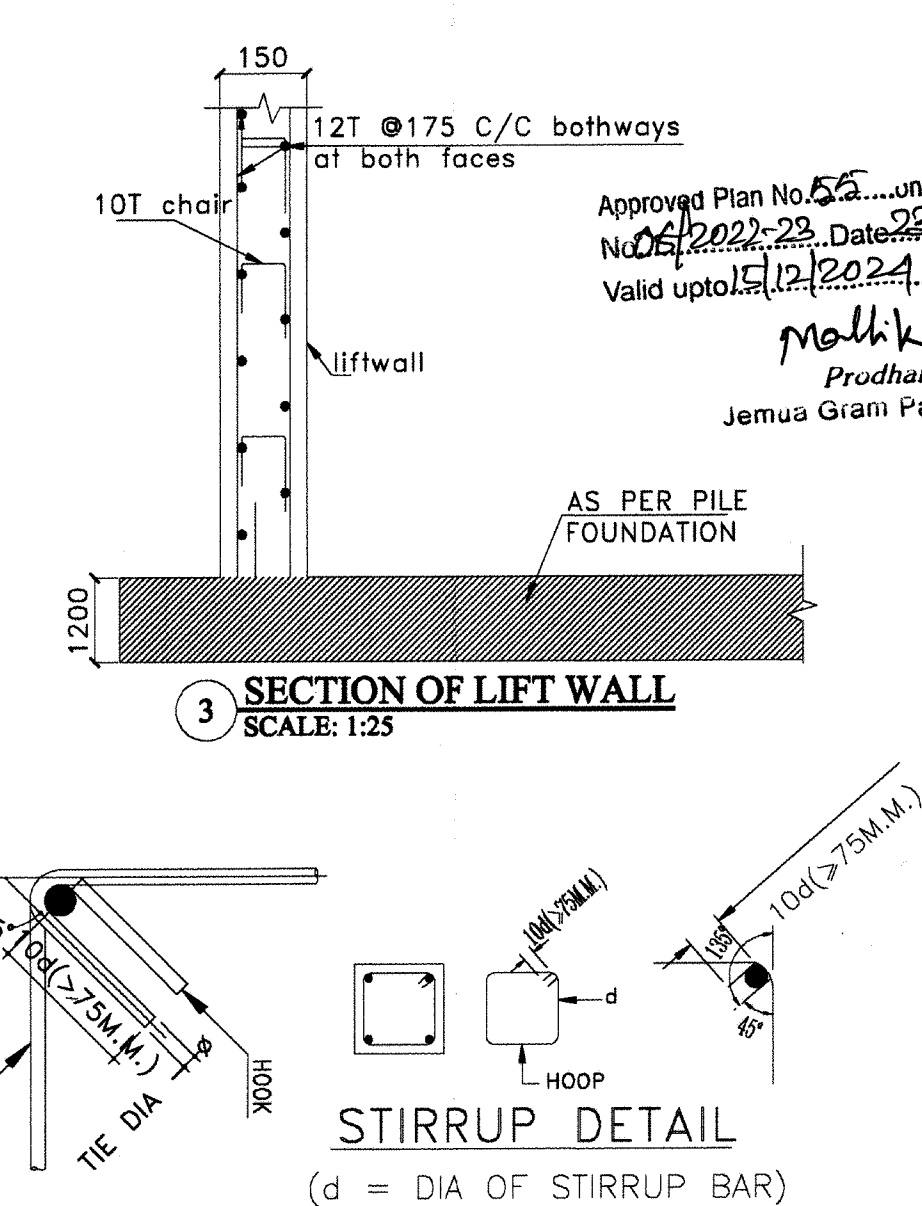


TABLE NO:-2 (SCHEDULE OF COLUMN)

COLUMN MARKED	NOS. OF COLUMN	COLUMN SIZE (mm X mm)	FOUNDATION TO BASEMENT ROOF LONGITUDINAL REINFORCEMENT	TIE	SHAPE OF STIRRUPS
L1-L36	36	300X300	 REINFORCEMENT: 6-25 ϕ	NEAR JUNCTION (UPTO 16 ϕ) LENGTH LINKS: 8 ϕ 75C/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8 ϕ 150C/C (2 NOS. CLOSED LINK PER SET)	



TYPICAL DETAIL OF BEAM COLUMN JUNCTION
SCALE:-N.T.S



PROJECT NAME:-
STRUCTURAL DRAWING OF PROPOSED (B+G+9) ELEVEN STORIED RESIDENTIAL BUILDING OF MRS. SUKLA BHOWMICK W/O LATE BALARAM BHOWMICK, SMT. MOUSUMI DAS, W/O SRI. TARUN DAS, SRI. DEBRAJ BHOWMICK, S/O LATE BALARAM BHOWMICK, SMT. AMALA GHOSH W/O MR. JIBAN KRISHNA GHOSH, SRI. PRATAP SANKAR GHOSH S/O LATE SHAILENDRA MOHAN GHOSH, SRI. MUKUL MANNA S/O LATE PANCHANAN MANNA, SMT. MONORAMA MANNA W/O SRI. MUKUL MANNA, SRI. SURESH RUDAS S/O SRI. SANATAN RUDAS, MRS. MAYA RANI CHATTERJEE W/O LATE CHITTARANJAN CHATTERJEE, MR. UJJWAL KUMAR CHATTOPADHYAY S/O LATE CHITTARANJAN CHATTERJEE, MR. GOUTAM KUMAR CHATTOPADHYAY S/O LATE CHITTARANJAN CHATTERJEE, MR. SATYAM CHATTOPADHYAY S/O LATE CHITTARANJAN CHATTERJEE (DEVELOPED BY MONDAL CONSTRUCTION) R.S. PLOT NO-15, 16, 17 L.R. PLOT-124, 148, 149 J. L. NO-111, L.R. KHATAN NO-957, 953, 1357, 1358, 1665, 2033, 2034, 2035, 2153, 2154, 2155, 2156 MOUZA-TETIKHOLA, P.S.-NEW TOWN SHIP, DIST-PASCHIM BARDHAMAN.

- NOTES :-
- ($\pm$) 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=50 ϕ BAR DIA.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 250 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:-
a) Beam:-25 mm, b) Column:-40mm, c) Slab:-15mm, d) Footing:-50mm, e) R.C.C Wall:-20 mm, 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 50 ϕ for lap & splices should be provided as per the provisions laid down in SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

APPROVED Plan No. 52... on Meeting No. 06/2022-23 Date 22/05/2022 Valid upto 12/12/2024
Mondal Construction
Proprietor
DR. S. N. MUKHERJEE
Professor
CIVIL ENGINEERING DEPT.
JADAVPUR UNIVERSITY
KOLKATA-700032, (W.B.)

VETTED BY:-

TITLE:-
COLUMN LAYOUT PLAN, SCHEDULE OF COLUMN, SECTIONAL DETAILS OF LIFT WALL, DETAILS OF COLUMN HOOK, JUNCTION OF MAIN & SECONDARY BEAM.

SIGNATURE OF ARCHITECT:-
VAISHNAV CHAKRABARTY
CONSULTING ARCHITECT
CA/2018/101108

SIGNATURE OF STRUCTURAL ENGINEER:-
H. K. Chakraborty
Structural Engineer
Lic No. - L.B.PM/1631AMC-DMC/BDP/165
DCE, B-TECH, G.I.D.S. Durgapur-16
Contact No. - 933233331

SIGNATURE OF GEO-TECHNICAL ENGINEER:-
M. M. Manna
Civil & Geotechnical Engineer
Lic No. - L.B.PM/1631AMC-DMC/BDP/165
DCE, B-TECH, G.I.D.S. Durgapur-16
Contact No. - 933233331

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

REV-00

DATE : 20.04.2022

SHEET NO:- GIDS/STRUC-01-04