

APPROVED
 PLAN NO. CC/18/BB/HUT/19
 DATE: 13.01.20



Commissioner
 Durgapur Municipal Corporation

Mohan Lal Majee
 Planner-in-Charge, Building Plan
 Durgapur Municipal Corporation

PERMISSION ACCORDING TO AS PER
 ACT AND BUILDING PLAN
 REGULATIONS (D.P. LAWS) 2005

BUILDING PLAN APPROVED
 ON THE BASIS OF INDEMNITY
 BOND LAND MUTATION &
 CONVERSION IS THE RESPONSIBILITY
 OF THE OWNER

Structural Safety Should
 Be Assured by the Party

1. SCHEDULE OF COLUMNS

COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 1ST FLOOR LONGITUDINAL REINFORCEMENT	2ND FLOOR TO 5TH FLOOR LONGITUDINAL REINFORCEMENT	6TH FLOOR TO ROOF LONGITUDINAL REINFORCEMENT	TIE
C6, C9, C11, C14, C16, C19, C20, C23, C24, C26, C27, C30, C31, C34, C35, C39, C42, C43, C46, C47, C50, C51, C55, C56, C58, C59, C62, C63, C66, C67, C68.	31	300X700				NEAR JUNCTION (UPTO 100) LENGTH LINKS: 8@75C/C (4 NOS. CLOSED LINK PER SET) AT BEST PORTION LINKS: 8@150C/C (4 NOS. CLOSED LINK PER SET)
C1, C2, C3, C4, C5, C7, C8, C10, C12, C13, C15, C17, C18, C21, C22, C25, C28, C29, C32, C33, C36, C37, C38, C40, C41, C44, C45, C48, C49, C52, C53, C54, C57, C60, C61, C64, C65, C69, C70, C71, C72, C73, C74.	43	300X700				NEAR JUNCTION (UPTO 100) LENGTH LINKS: 8@75C/C (4 NOS. CLOSED LINK PER SET) AT BEST PORTION LINKS: 8@150C/C (4 NOS. CLOSED LINK PER SET)

PROJECT NAME:-

PLAN OF PROPOSED (B+G+5+1) STORIED RESIDENTIAL CUM COMMERCIAL APARTMENT BUILDING OF PITAMBAR DAS, S/O TARAK NATH DAS & MR. SHYAMAL DUTTA R-5 PLOT NO- 489,486 L.R PLOT NO- 3188/3189, KHATIAN NO.-2371, 7332 J.L.NO.-107, MOUZA-FULJHORE, P.S-NEWTOWNSHIP, DIST-PASCHIM BARDHAMAN.
 HOLDING NO:- 113/N & 114/N
 WORD:-25
 DURGA PUR-6

NOTES :-

- 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 architectural drawing to be coordinated for all levels. Structural level only (without finish), however architectural drawing to be coordinated for all levels.
- Grade of steel Fe 500.
- Depth of Pile 18.0 m.
- The top layer of reinforcement shall be placed over bot layer of reinforcement with chair of 10%bar, @ 900 c/c.
- At a time of construction ductile detailing must be followed as per IS:13920.
- 8% binder @ 200 C/C binder for top & bot bar as required.
- 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) Slab:- 20mm.
- Grade of concrete will be m30 for column and m25 for beam and sub structure as per is: 456:2000.
- Development length 50d for lap & splices should be provided as per the provisions laid down in SP34:1987

SIGNATURE OF STRUCTURAL ENGINEER:-

Hirok Ghosh
HIROK GHOSH
 Structural Engineer
 Lic. No. L.B.P.M/163/AMC-DMC/BPO/165
 DCE B.TECH. G.I.D.S. Durgapur - 16
 Contact No. 9333233331

SIGNATURE OF ENGINEER/L.B.S.:-

Hirok Ghosh
HIROK GHOSH
 Consultant Civil Engineer- (Class-A)
 Lic. No. L.B.P.M/163/AMC-DMC/BPO/165
 DCE B.TECH. G.I.D.S. Durgapur - 16
 Contact No. - 9333233331

CERTIFICATE OF GEO-TECHNICAL ENGINEER:-

Manoj Maity
MANOJ MAITY
 Civil/Geotechnical Engineer
 CE, MIES - 1M4278
 Lic. No. - LBPM/162/AMC
 G.I.D.S. Durgapur - 16

SIGNATURE OF OWNER:-

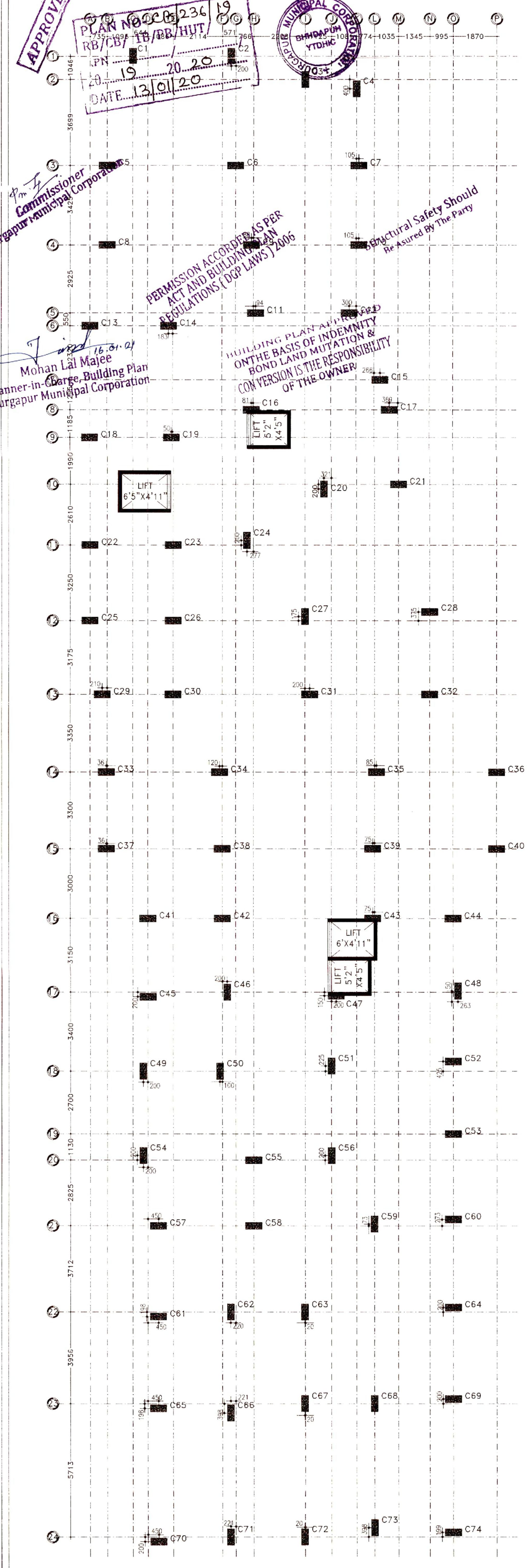
Shyamal Dutta
Pitambar Das

VETTED BY:-

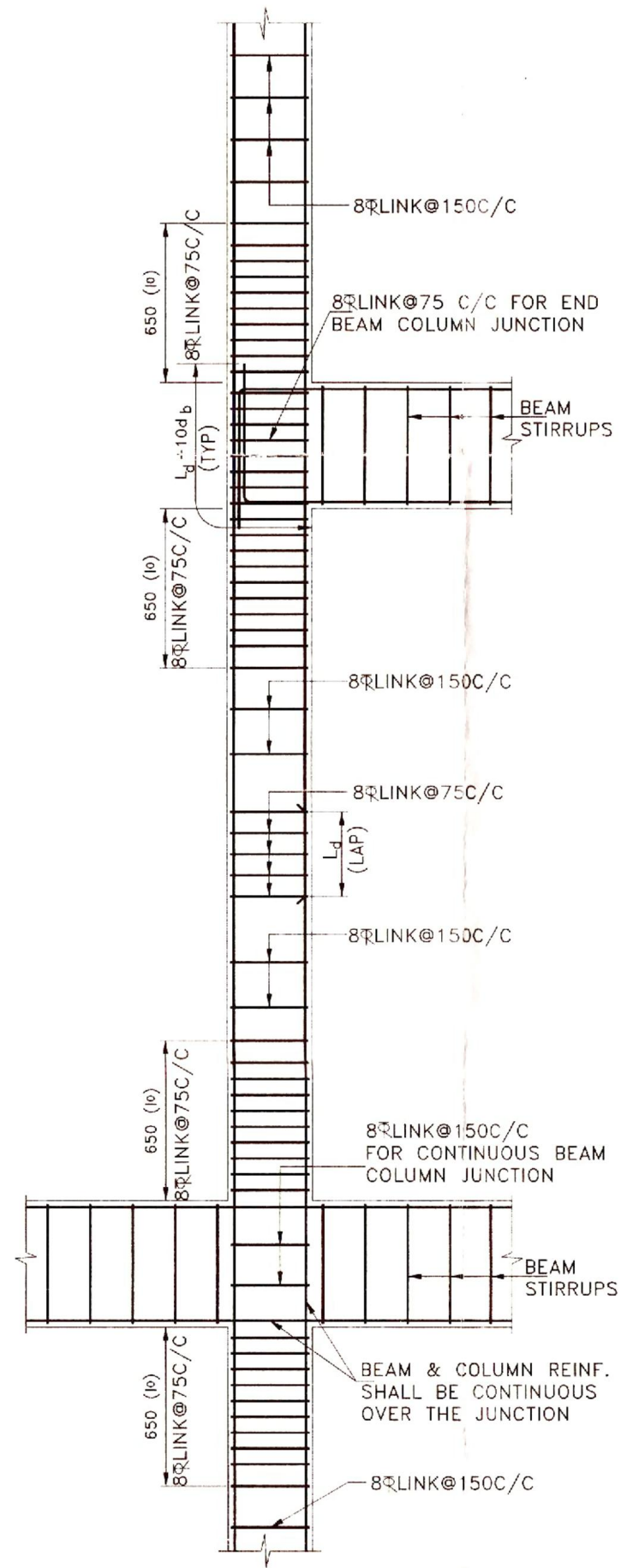
S. N. Mukherjee
DR. S.N. MUKHERJEE
 Professor
 CIVIL ENGINEERING DEPT.
 JADAVPUR UNIVERSITY
 KOLKATA - 700032 (W.B.)

TITLE:-

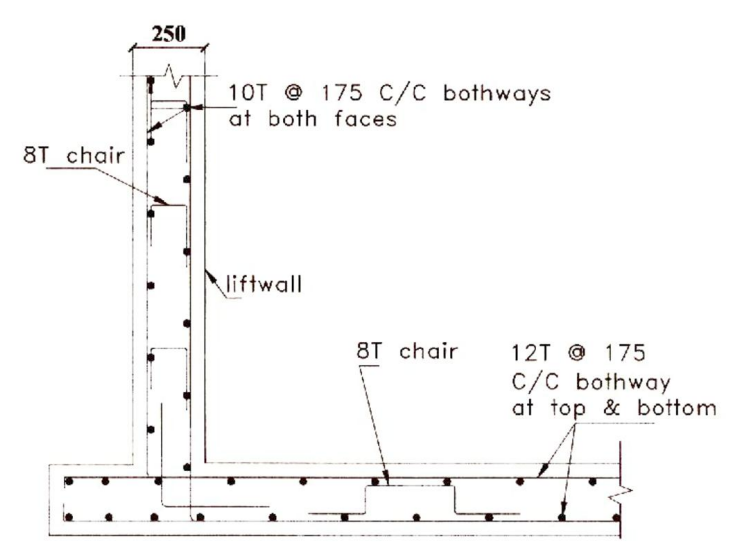
COLUMN LAYOUT PLAN, SCHEDULE OF COLUMN, SECTION OF LIFTWALL, BEAM COLUMN JUNCTION.



1 COLUMN LAYOUT PLAN
 SCALE: 1:100



TYPICAL DETAIL OF BEAM COLUMN JUNCTION
 SCALE 1:25



2 SECTION OF LIFT WALL
 SCALE: N.T.S



GIDS Engineering Pvt.Ltd.
 (Architects, Engineers, Contractors and Business Solutions)
 E-mail Id: gidsbengal@gmail.com & gidsbengal.project@gmail.com
 SPECIALIST IN CONSULTING, STRUCTURAL DESIGN, SURVEYING & SOIL INVESTIGATING
 OFFICE:- C-29, 4th street, Doctor's Colony, City Centre Durgapur - 713216
 Contact No. - 91993323331, 917699998140

CHECKED BY : H.GHOSH SCALE : 1:100, 1:25, N.T.S.
 DATE : 16.12.2019 REV-00
 SHEET NO:- GIDS/STRU01-05

