

PROJECT NAME:-
 STRUCTURAL DRAWING OF PROPOSED (G+7) EIGHT STORIED RESIDENTIAL CUM COMMERCIAL BUILDING OF MR NANDA DULAL KONAR C/O AJIT KUMAR KONAR, MRS. SUPARNA KONAR C/O DIRENDRA NATH MONDAL, MRS MITA KONAR C/O SUNIL KUMAR CHOUDHURY, OVER R.S. PLOT NO-2684, 2691, 2692,2693, L.R. PLOT NO- 2684, 2691, 2692,2693, L.R. KHATIAN NO-14149,867,14035, J.L. NO-86, MOUZA-KANKSA, P.S-KANKSA, 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 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=50xDIA OF BAR.
 - UNLESS OTHERWISE SPECIFIED DISTRIBUTION REINFORCEMENT SHALL BE 8 T @ 150 C/C
 - CONCRETE COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:- a)Beam:-25mm, b)Column:-40mm,c) Slab:-15mm, d)FOUNDATION:-50mm, e)R.C.Wall-20mm, f) Stair:- 20mm.
 - GRADE OF CONCRETE WILL BE M30 FOR FOUNDATION AND COLUMN. M25 FOR BEAM AND SUB STRUCTURE AS PER IS: 456:2000.
 - DEVELOPMENT LENGTH 50XD FOR LAP & SPICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987

SIGNATURE OF DEVELOPER/OWNER:-

SKYLANE INFRA
Subhojit Das
 Partner

SKYLANE INFRA
Tulsi Singh
 Partner

Approved Plan No. *57* on Meeting No. *02/2022* Date: *26/11/2022* Valid upto: *30/11/2028*
S. Saha

VITTED BY:-
 Proddhan
 Kanksa Gram Panchayat

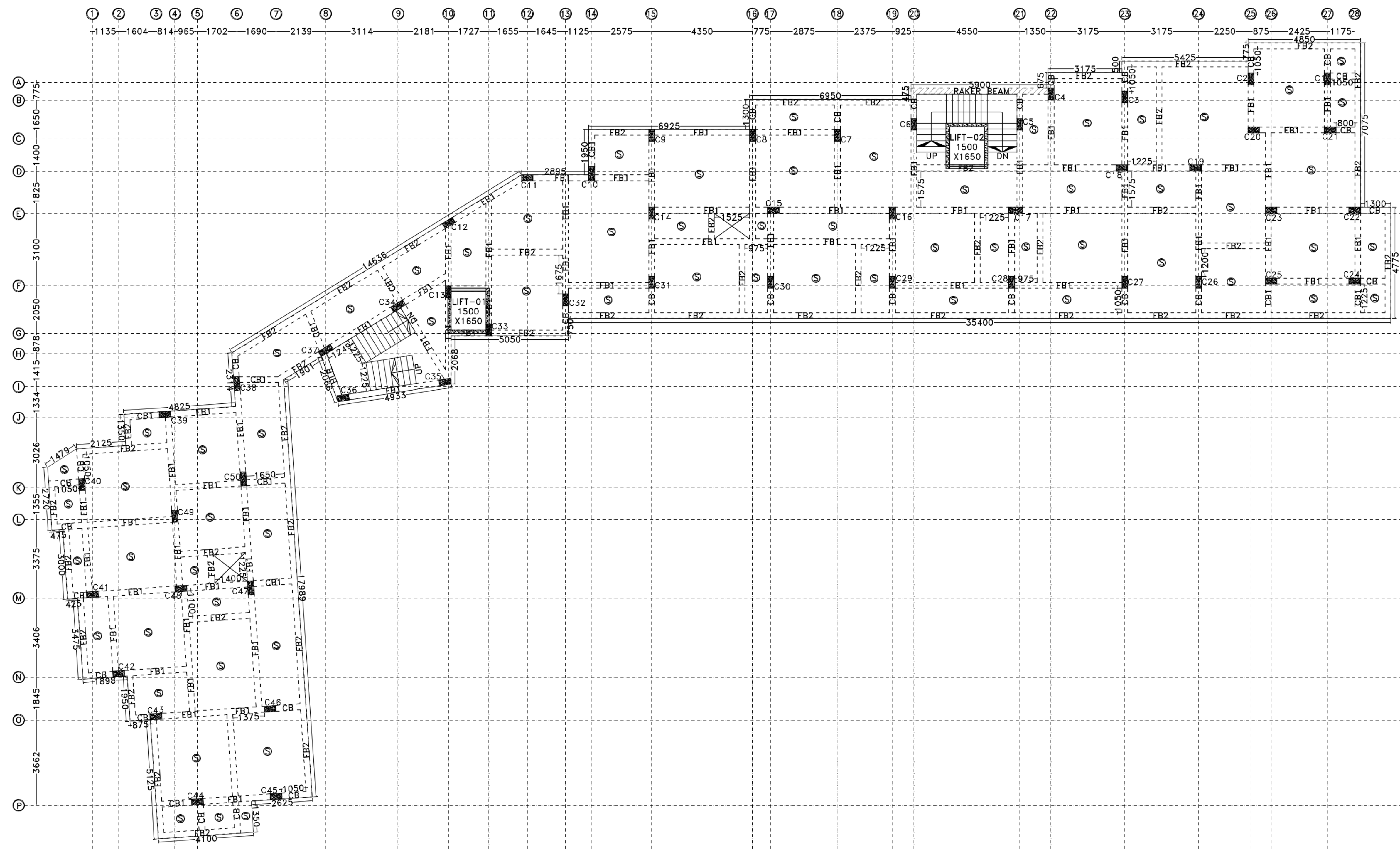
S. N. Mukherjee
 DR. S. N. MUKHERJEE
 Professor
 CIVIL ENGINEERING DEPT
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 KOLKATA-700032, (W)

TITLE:-
 TYPICAL FLOOR ROOF BEAM LAYOUT PLAN.

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

REV-00

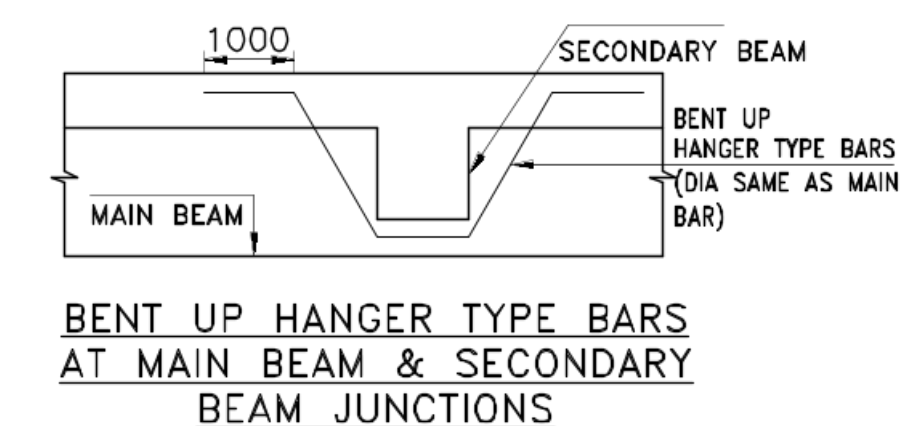
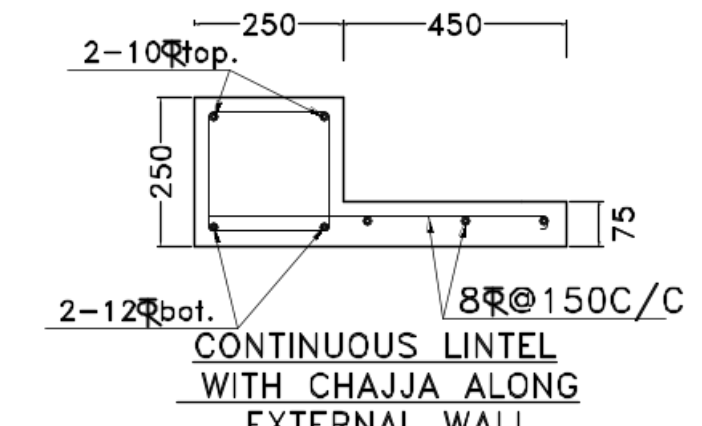
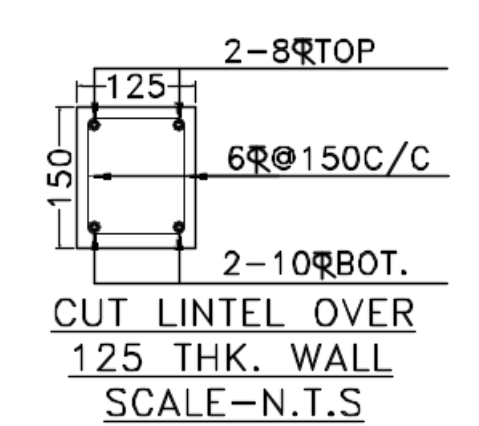
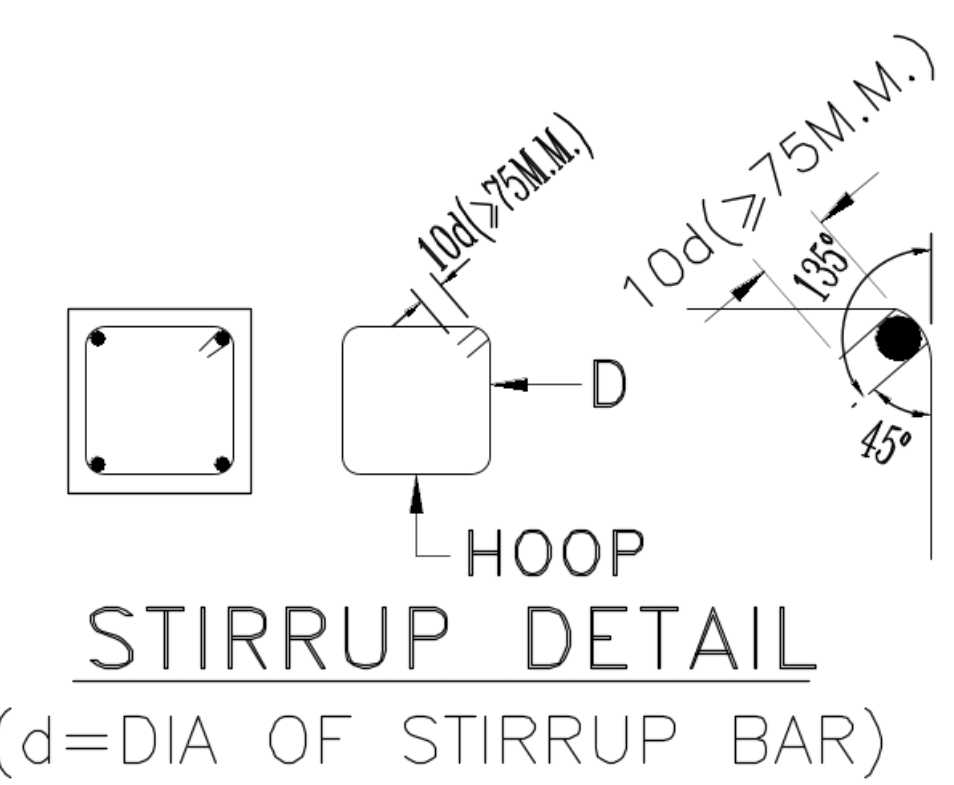
SHEET NO:- APP/STRUCTURE:-04-05



4 TYPICAL FLOOR ROOF BEAM LAYOUT PLAN.
 SCALE: 1:100

TABLE NO:-01 (SCHEDULE OF FLOOR BEAM)

Beam Mkd	Size	All Through	Ext. at End Supp. Top	Ext. at Span. Bott	Ext. at Cont. Supp. Top	Support	Span
FB1	300 450	3-20R 3-20R	2-16R	2-16R	2-16R	2L-8R@125C/C	2L-8R@125C/C
FB2	300 400	3-20R 3-20R	1-16R	1-16R	1-16R	2L-8R@125C/C	2L-8R@125C/C
HLB	300 400	3-20R 3-20R	1-16R	1-16R	1-16R	2L-8R@125C/C	2L-8R@125C/C
TB	300 450	3-20R 3-20R	2-16R	2-16R	2-16R	2L-8R@125C/C	2L-8R@125C/C
CB	300 450	3-20R 3-20R				2L-8R@125C/C	2L-8R@125C/C
CB1	300 450	3-20R 3-20R	2-16R			2L-8R@125C/C	2L-8R@125C/C
GB	300 450	3-20R 3-20R	3-16R	3-16R	3-16R	2L-8R@125C/C	2L-8R@125C/C
RB	300 450	3-20R 3-20R	2-16R	2-16R	2-16R	2L-8R@125C/C	2L-8R@125C/C



SIGNATURE OF ARCHITECT:-
Deep Mukhopadhyay
 DEEP MUKHOPADHYAY
 ARCHITECT
 CA/20/9/14442
 DURGAPUR-16

SIGNATURE OF STRUCTURAL ENGINEER:-
Hirak Ghosh
 HIRAK GHOSH
 Structural Engineer
 Lic No. *...*
 DCE, B TECH (S.D.S) Durgapur-16
 Contact No. 7002984157

SIGNATURE OF GEO TECHNICAL ENGINEER:-
S. N. Mukherjee
 SWADESH KUMAR MONDAL
 Geo. Technical Engineer
 M.I.G.S No-LM/1242
 LIC NO-DMCI/BD/Geo-1/34

