

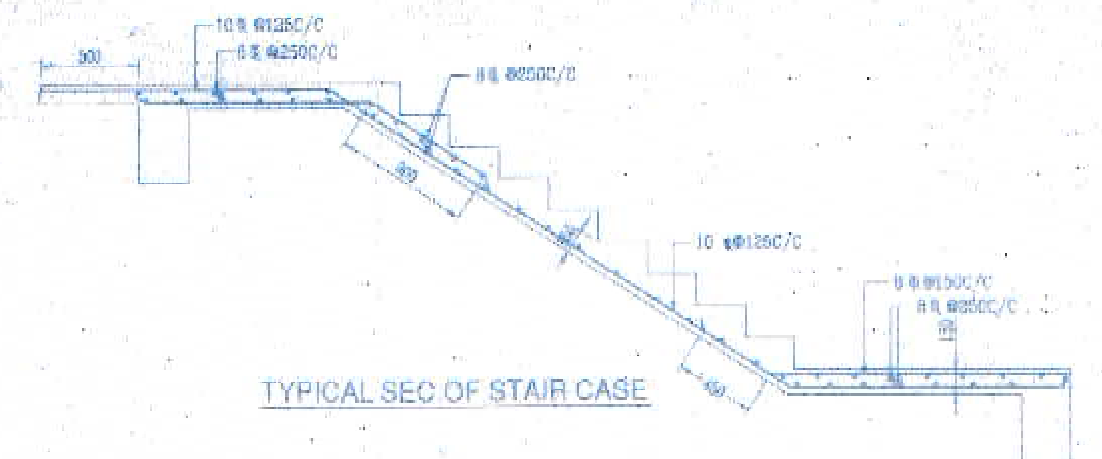
13TH FLOOR BEAM LAYOUT
BLOCK-2

(TYP.) BEAM SCHEDULE (CONC. GR. M30) (BLOCK-2)

BEAM MKD	BEAM SIZE	REINFT. AT LEFT SUPPT.		REINFT. AT SPAN		REINFT. AT RIGHT SUPPT.		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250/600	2-18 ϕ 3-12 ϕ	2-10 ϕ 1-12 ϕ	2-18 ϕ	2-18 ϕ 1-12 ϕ	2-18 ϕ 3-12 ϕ	2-18 ϕ 1-12 ϕ	8 ϕ @100C/C	8 ϕ @200C/C
B2	250/600	2-18 ϕ 2-12 ϕ	3-10 ϕ	3-18 ϕ	3-18 ϕ 2-16 ϕ	3-18 ϕ 2-12 ϕ	3-18 ϕ	8 ϕ @100C/C	8 ϕ @150C/C
B3	250/600	2-18 ϕ 1-12 ϕ	2-10 ϕ	2-18 ϕ	2-18 ϕ 1-12 ϕ	2-18 ϕ 1-12 ϕ	2-18 ϕ	8 ϕ @200C/C	8 ϕ @200C/C
B4A	250/750	2-20 ϕ 3-18 ϕ	2-20 ϕ	2-20 ϕ	2-20 ϕ 3-18 ϕ	2-20 ϕ	2-20 ϕ 3-18 ϕ	10 ϕ @100C/C	10 ϕ @100C/C
B4B	250/750	2-20 ϕ 3-18 ϕ	2-20 ϕ 1-18 ϕ	2-20 ϕ	2-20 ϕ 3-18 ϕ	2-20 ϕ 3-18 ϕ	2-20 ϕ 1-18 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B5A	250/750	3-20 ϕ 2-18 ϕ	2-20 ϕ	2-20 ϕ	2-20 ϕ 2-18 ϕ	2-20 ϕ	2-20 ϕ	10 ϕ @100C/C	10 ϕ @100C/C
B5	250/750	3-20 ϕ 2-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B6	250/750	3-20 ϕ	2-20 ϕ	2-20 ϕ	3-20 ϕ	3-20 ϕ	2-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B7	250/750	2-25 ϕ 3-20 ϕ	2-25 ϕ	2-25 ϕ	3-25 ϕ 2-20 ϕ	2-25 ϕ 3-20 ϕ	2-25 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B8	150/500	2-18 ϕ 2-12 ϕ	2-10 ϕ	2-18 ϕ	2-18 ϕ	2-18 ϕ 1-12 ϕ	2-18 ϕ	8 ϕ @100C/C	8 ϕ @200C/C
MR1	250/600	3-20 ϕ 2-18 ϕ	2-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	2-20 ϕ	8 ϕ @100C/C	8 ϕ @200C/C

(TYP.) BEAM SCHEDULE (CONC. GR. M30) (BLOCK-1)

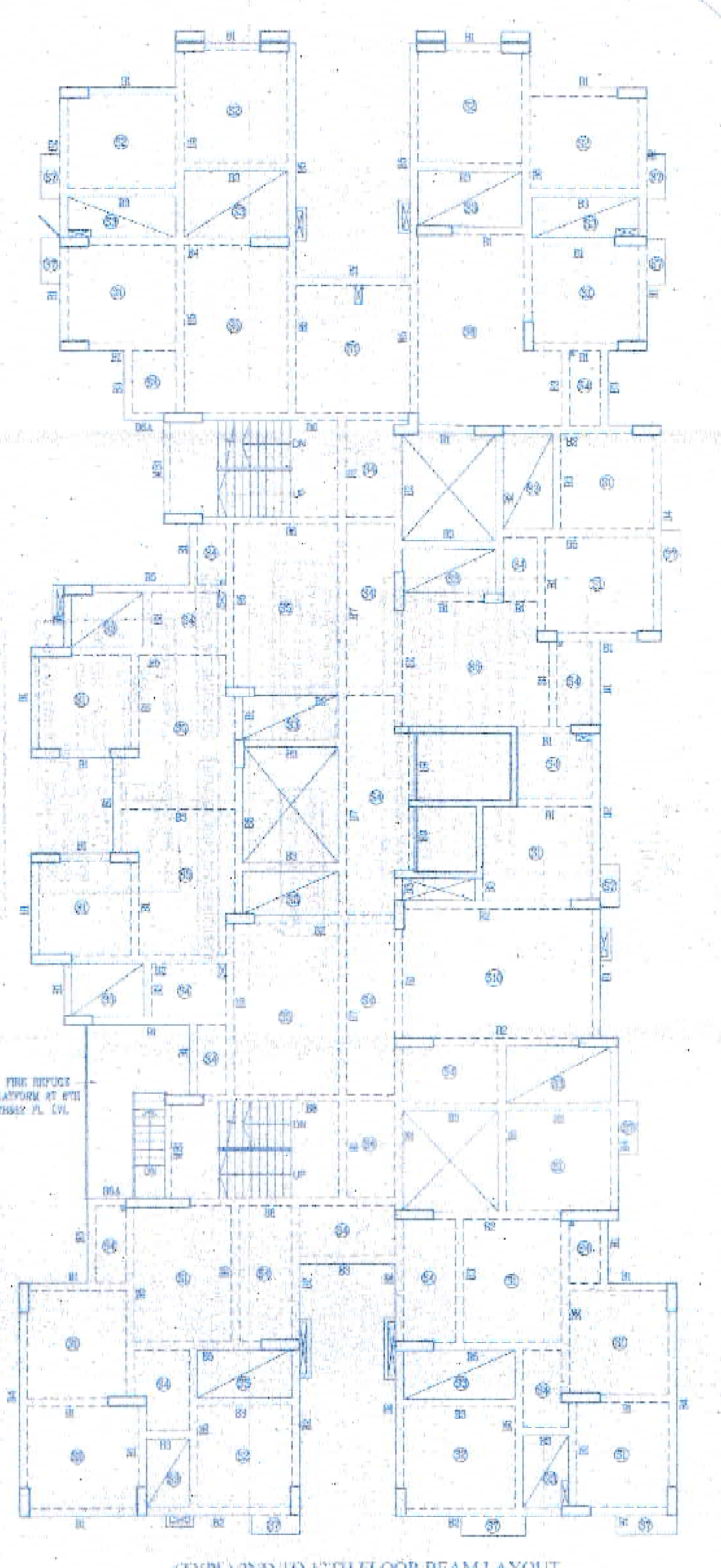
BEAM MKD	BEAM SIZE	REINFT. AT LEFT SUPPT.		REINFT. AT SPAN		REINFT. AT RIGHT SUPPT.		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B1	250/600	3-18 ϕ 2-12 ϕ	3-18 ϕ	2-18 ϕ	3-18 ϕ 2-12 ϕ	3-18 ϕ 2-12 ϕ	3-18 ϕ	8 ϕ @100C/C	8 ϕ @100C/C
B2	250/600	3-20 ϕ 2-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B3	250/600	3-18 ϕ	3-18 ϕ	2-18 ϕ	3-18 ϕ	3-18 ϕ	3-18 ϕ	8 ϕ @150C/C	8 ϕ @150C/C
B4	250/600	3-20 ϕ 2-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B5	250/600	3-20 ϕ 2-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B6A	250/750	3-20 ϕ 3-18 ϕ	2-20 ϕ	3-20 ϕ 3-18 ϕ	2-20 ϕ	3-20 ϕ 3-18 ϕ	2-20 ϕ	10 ϕ @100C/C	10 ϕ @100C/C
B6	250/750	3-20 ϕ 3-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 3-18 ϕ	3-20 ϕ 3-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B7	250/600	3-20 ϕ	2-20 ϕ	2-20 ϕ	3-20 ϕ 1-18 ϕ	3-20 ϕ	2-20 ϕ	8 ϕ @100C/C	8 ϕ @200C/C
B8	250/750	3-20 ϕ 2-18 ϕ	3-20 ϕ	2-20 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ 2-18 ϕ	3-20 ϕ	10 ϕ @100C/C	10 ϕ @200C/C
B9	250/600	3-18 ϕ	2-18 ϕ	2-18 ϕ	3-18 ϕ	3-18 ϕ	2-18 ϕ	8 ϕ @100C/C	8 ϕ @150C/C
MR1	250/600	3-18 ϕ	2-18 ϕ	2-18 ϕ	3-18 ϕ 1-12 ϕ	3-18 ϕ	2-18 ϕ	8 ϕ @100C/C	8 ϕ @200C/C



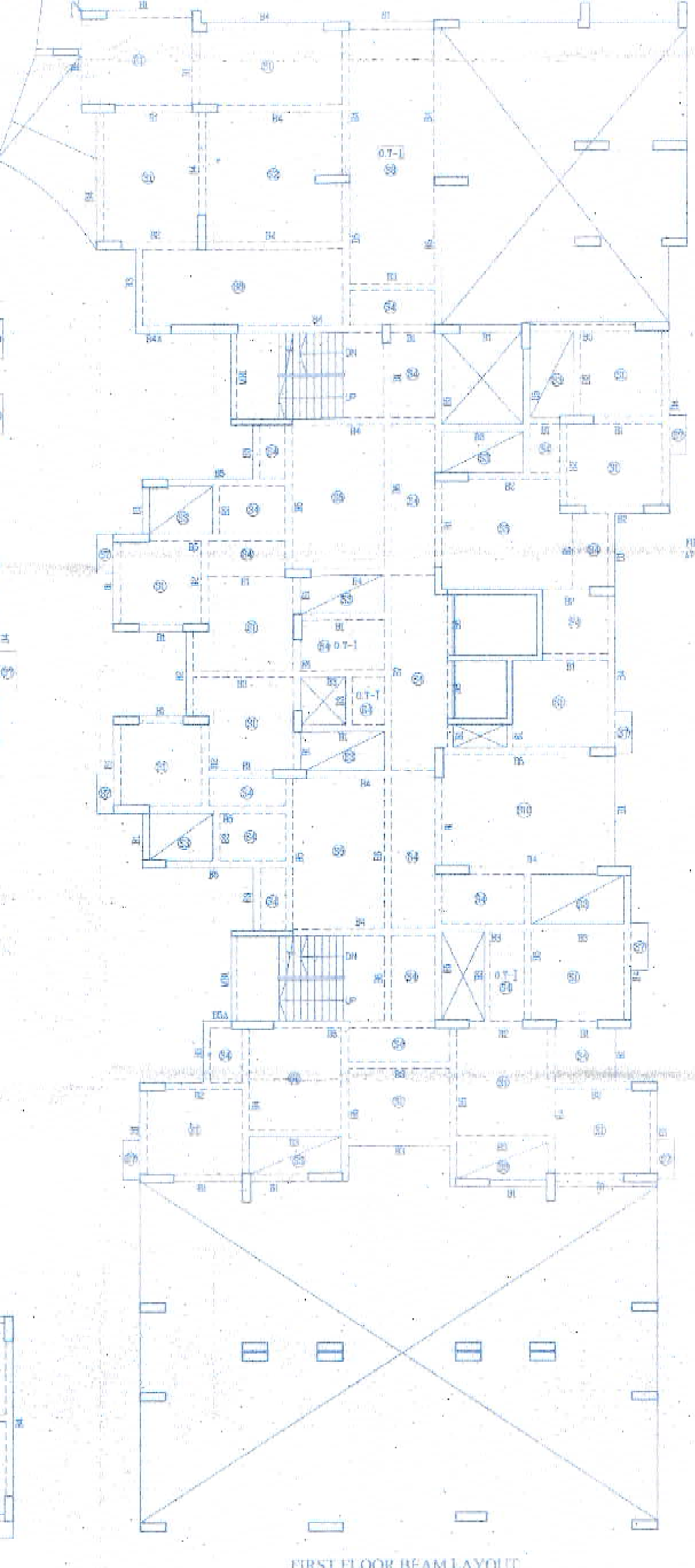
(TYP.) SLAB SCHEDULE (BL-1,2&3)

GRADE OF CONCRETE: M30

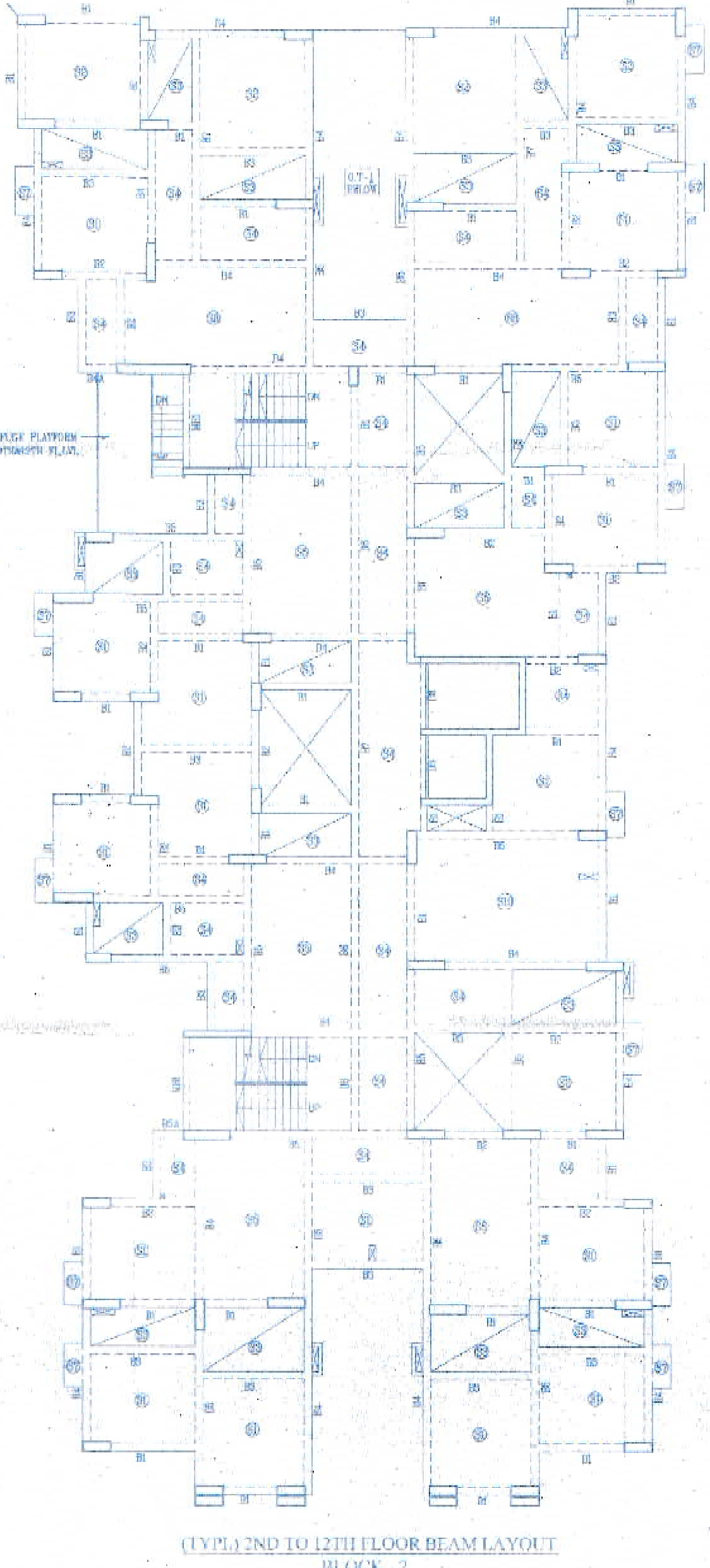
SLAB MKD	DEPTH	REINFT. AT SHORTER SPAN	REINFT. AT LONGER SPAN
S1	115	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S2	125	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S3	115	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S4	115	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S5	125	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S6	125	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)
S7	150	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)
S8	150	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)
S9	150	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)	10 ϕ @100C/C (BT) 10 ϕ @100C/C (DB)
S10	75	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)	8 ϕ @100C/C (BT) 8 ϕ @100C/C (DB)



(TYP.) 2ND TO 13TH FLOOR BEAM LAYOUT
BLOCK-1



FIRST FLOOR BEAM LAYOUT
BLOCK-2



(TYP.) 2ND TO 12TH FLOOR BEAM LAYOUT
BLOCK-2

NOTES:

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- SUPER STRUCTURE - SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:3 CEMENT MORTAR.
- ALL GRADE OF CONCRETE AS/IS/LL/ULL.
- ALL BATTERIES SHALL COMPLY TO HOLLOW LITE CONDS.
- FOR STEEL GRADE IS AS IS PER IS: 1786-1979.
- LAPS, SPACES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
- FOUNDATION & FINISH - BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASS BRICK IN 1:3 CEMENT MORTAR.
- MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
FOUNDATION BEAM & SLAB	50	50	50
COLUMN	50	50	40
FLOOR BEAM	30	30	30
T.C. BEAM	25	30	30
FLOOR SLAB	20	20	20

Signature of Engineer: *[Signature]*

Signature of Architect: *[Signature]*

PROJECT: PROPOSED (BL-1,2,3) STORED RESIDENTIAL BUILDING AT PHE. NO. 24, DIAMOND HARBOUR ROAD, KOLKATA.

TITLE: CORPORATION DRAWING (BL-1&2)

ARCHITECTS: AGRAWAL & AGRAWAL

STRUCTURAL ENGINEERS: S.P.A. CONSULTANTS

DATE: 02.08.16