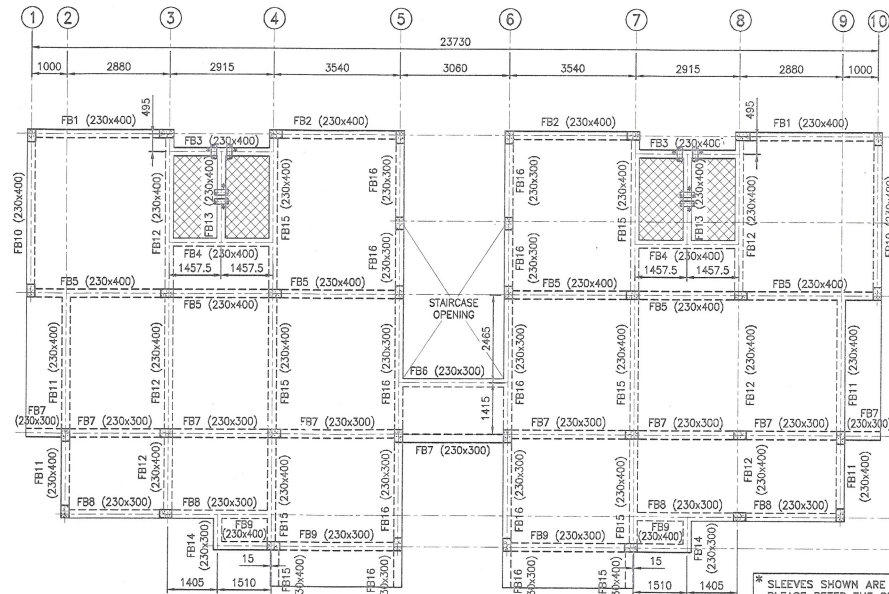




FIRST FLOOR BEAM LAYOUT (T.O.FB (+3.55M))
(SCALE 1:100)

SCHEDULE OF FIRST FLOOR BEAMS										
BEAM MARKED	BEAM TYPE	SIZE		REINFORCEMENT (ϕ)				STIRRUPS (ϕ) 2 LEGGED		LEVELS (T.O.FB)
				BOTTOM R/F.		TOP R/F.				
		B	D	(b1)	(b2)	(t1)	(t1)	S1	S2	
FB1	II	230	400	3-12	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB2	II	230	400	3-12	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB3	III	230	400	3-16	—	3-12	—	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB4	III	230	400	3-16	—	3-12	—	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB5	I	230	400	2-16	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB6	III	230	300	3-16	—	3-12	—	8ϕ100 C/C	8ϕ125 C/C	(+3.55
FB7	I	230	300	3-12	—	3-16	2-12	8ϕ100 C/C	8ϕ125 C/C	(+3.55
FB8	I	230	300	3-12	—	3-16	2-12	8ϕ100 C/C	8ϕ125 C/C	(+3.55
FB9	I	230	300	3-12	—	3-16	2-12	8ϕ100 C/C	8ϕ125 C/C	(+3.55
FB10	II	230	400	3-12	—	3-16	2-16	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB11	I	230	400	2-16	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB12	I	230	400	3-16	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB13	III	230	400	3-12	—	3-12	—	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB14	III	230	300	3-12	—	3-12	—	8ϕ100 C/C	8ϕ125 C/C	(+3.55
FB15	I	230	400	3-16	—	3-16	2-12	8ϕ100 C/C	8ϕ175 C/C	(+3.55
FB16	I	230	300	3-16	—	3-16	2-16	8ϕ100 C/C	8ϕ125 C/C	(+3.55

- NOTES**
- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS AND CO-ORDINATES ARE IN METERS.
 - ELEVATION (±)0.00 CORRESPONDS TO FINISHED GROUND LEVEL AND THAT REFERS TO RL 100.300M.
 - ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH 3BHK APARTMENT ARCHITECTURAL DRAWING KEC-SB937-GRL-91-3001 TO 3003 (LATEST REVISION).
 - CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:
 - FOR COLUMN = 40mm.
 - FOR BEAM = 25MM
 - ALL STRUCTURAL CONCRETE SHALL BE OF M25 GRADE.
 - ALL STRUCTURAL STEEL SHALL BE OF Fe 500 GRADE.
 - LAP LENGTH SHALL BE 50 TIMES THE DIAMETER OF BAR.

- LEGEND**
- T.O.C. — TOP OF CONCRETE.
T.O.B. — TOP OF BEAM.
FB — FIRST FLOOR BEAM
- 2L 8 @ 100
— SPACING OF BAR IN MM
— HYSD BARS CONFORMING TO IS:1786
— DIA OF BAR IN MM
— 2 LEGGED
- FB1 (230x500)
— DEPTH OF BEAM IN mm
— WIDTH OF BEAM IN mm
— BEAM MARK
— SUNKEN SLAB.

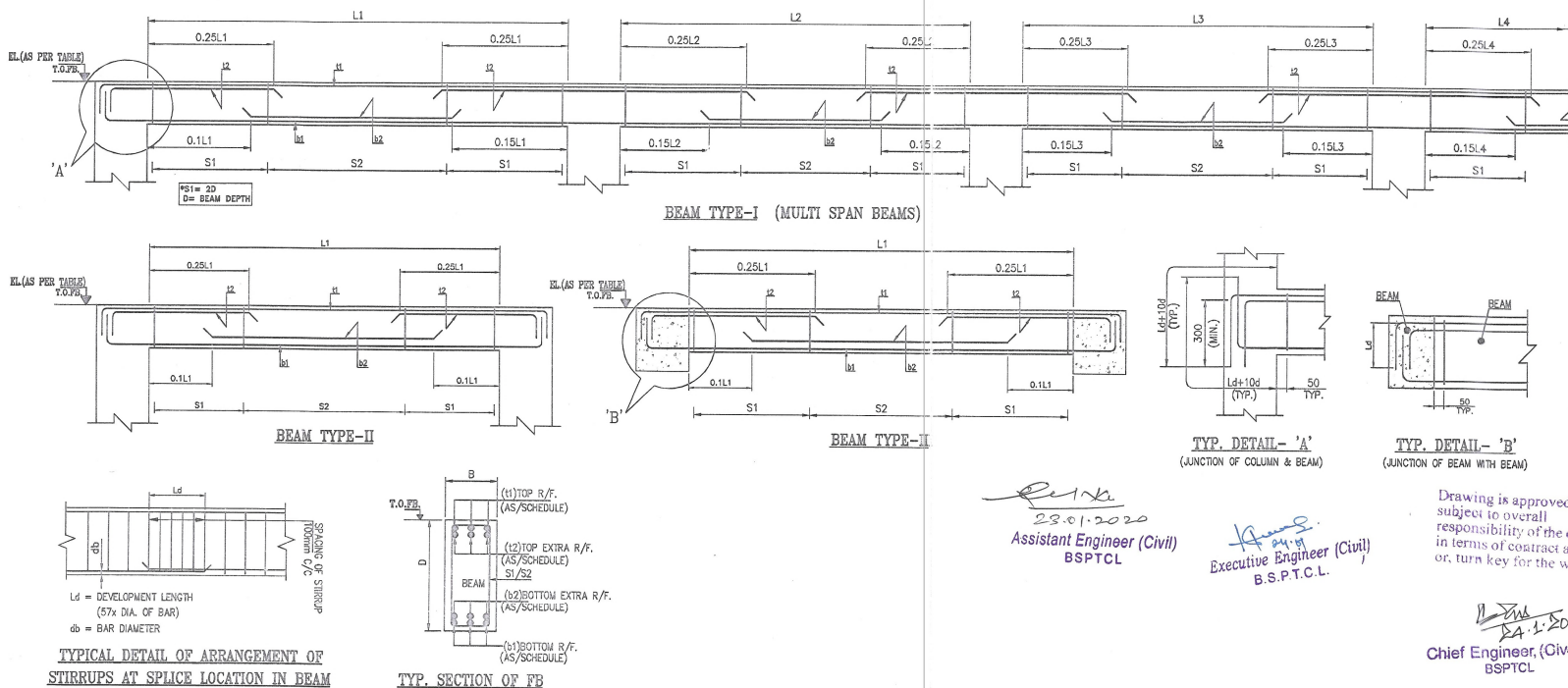
- REFERENCE DRAWINGS**
- KEC-SB937-GRL-01-1001 — OVERALL GENERAL ARRANGEMENT LAYOUT PLAN.
 - KEC-SB937-GRL-90-0002 — OVERALL FOUNDATION LAYOUT.
 - KEC-SB937-GRL-93-3001 TO 3003 — 3BHK APARTMENT ARCHITECTURAL DRAWING.
 - KEC-SB937-GRL-92-3001 — FOUNDATION LAYOUT & COLUMN DETAILS FOR 3BHK.

Bihar State Power Transmission Company Limited (BSPTCL)

Title: GA & R.C.C DETAILS OF FIRST FLOOR BEAM AND SLAB FOR 3BHK APARTMENT

Drg.No.: - CD_3BHK21-01

Scale: 1:100 Sheet: 01 OF 01



28.01.2020
Assistant Engineer (Civil)
BSPTCL

Executive Engineer (Civil)
B.S.P.T.C.L.

Drawing is approved
subject to overall
responsibility of the contractor
in terms of contract agreement
or turn key for the work

Chief Engineer, (Civil-I)
BSPTCL