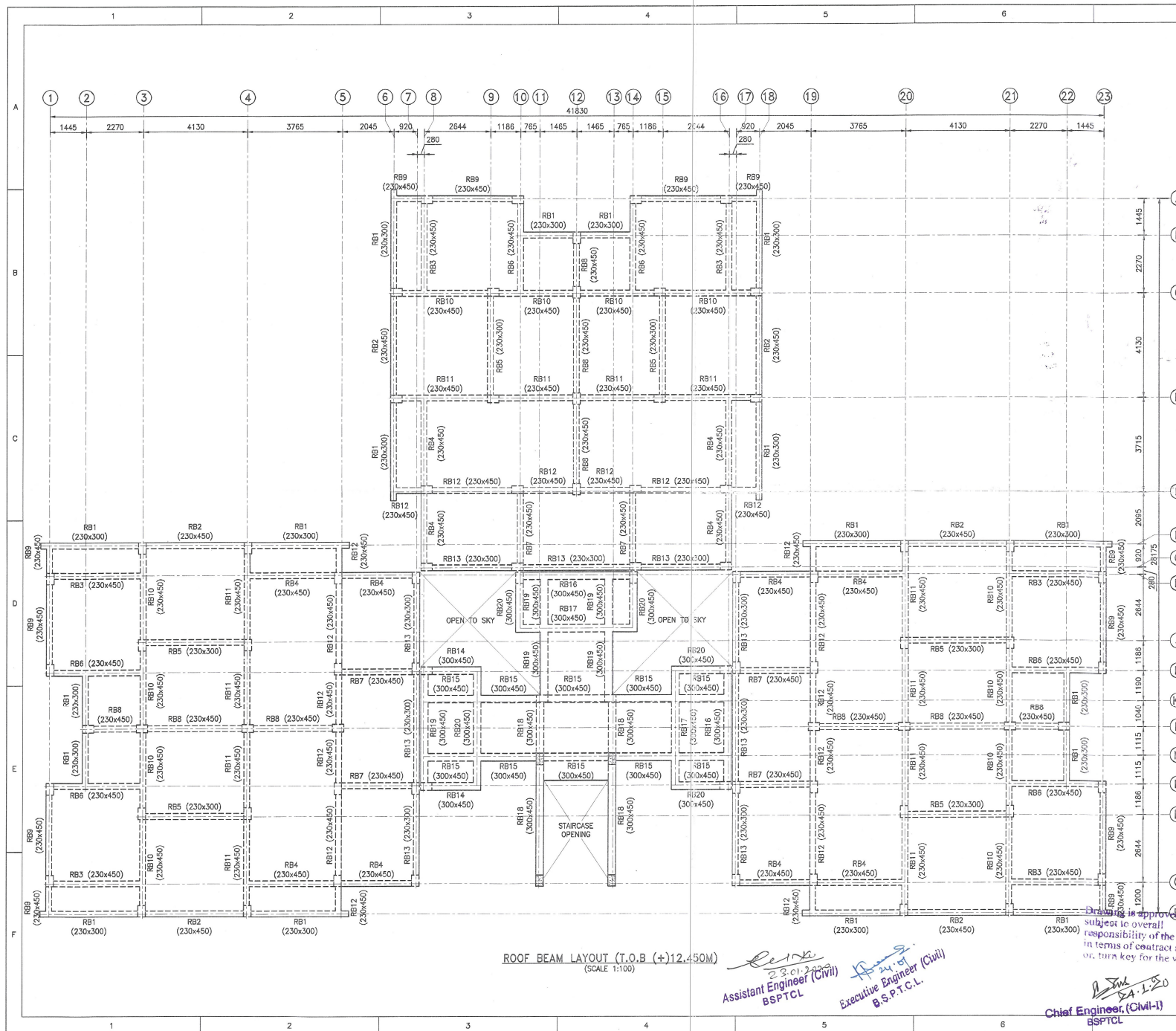




ROOF BEAM LAYOUT (T.O.B (+)12.450M)
(SCALE 1:100)

Signature
23.01.2020
Assistant Engineer (Civil)
BSPTCL

Signature
24.01.2020
Executive Engineer (Civil)
B.S.P.T.C.L.

Signature
24.01.2020
Chief Engineer (Civil-1)
BSPTCL

Signature
24.01.2020
Superintending Engineer (Civil)
BSPTCL

NOTE

- 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 2BHK APARTMENT ARCHITECTURAL DRAWING KEC-SB937-GR-91-2001 TO 2003 (LATEST REVISION).
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS BELOW:
 - FOR COLUMN = 40mm.
 - FOR BEAM = 25MM
 - FOR SLAB = 20MM
- 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.

SPECIAL NOTE

- SINCE THERE IS NO REQUIREMENT OF EXTRA BARS, ONLY CROSS SECTIONS ARE SHOWN FOR THE FOLLOWING BEAMS:
RB-1 TO RB-13, RB-16, RB-17, RB-1 & RB-2

LEGEND

- T.O.C — TOP OF CONCRETE.
T.O.B — TOP OF BEAM.
RB — FIRST FLOOR BEAM
- 2L B 1 @ 100 — SPACING OF BAR IN MM
— HYSD BARS CONFORMING TO IS:1786
— DIA OF BAR IN MM
— 2 LEGGED
- RB1 (230x450) — DEPTH OF BEAM IN mm
— WIDTH OF BEAM IN mm
— BEAM MARK

REFERENCE DRAWINGS

- KEC-SB937-GR-01-1001 — OVERALL GENERAL ARRANGEMENT LAYOUT PLAN.
- KEC-SB937-GR-90-0002 — OVERALL FOUNDATION LAYOUT.
- KEC-SB937-GR-91-2001 — 2BHK APARTMENT ARCHITECTURAL DRAWING.
- KEC-SB937-GR-92-2001 — FOUNDATION LAYOUT & COLUMN DETAILS FOR 2BHK.

REV	DATE	DESCRIPTION	BY	ELEC.	CIVIL	APPRD.
0	03.01.20	ISSUED FOR APPROVAL	AGH	-	VTH/DPK	SNC

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : GA & RCC DETAILS OF ROOF BEAM & SLAB FOR 2 BHK APARTMENT

DWG. NO.:CD_2BHK_20-15

SCALE : 1: 100 SHEET : 01 OF 03

SIZE - A2