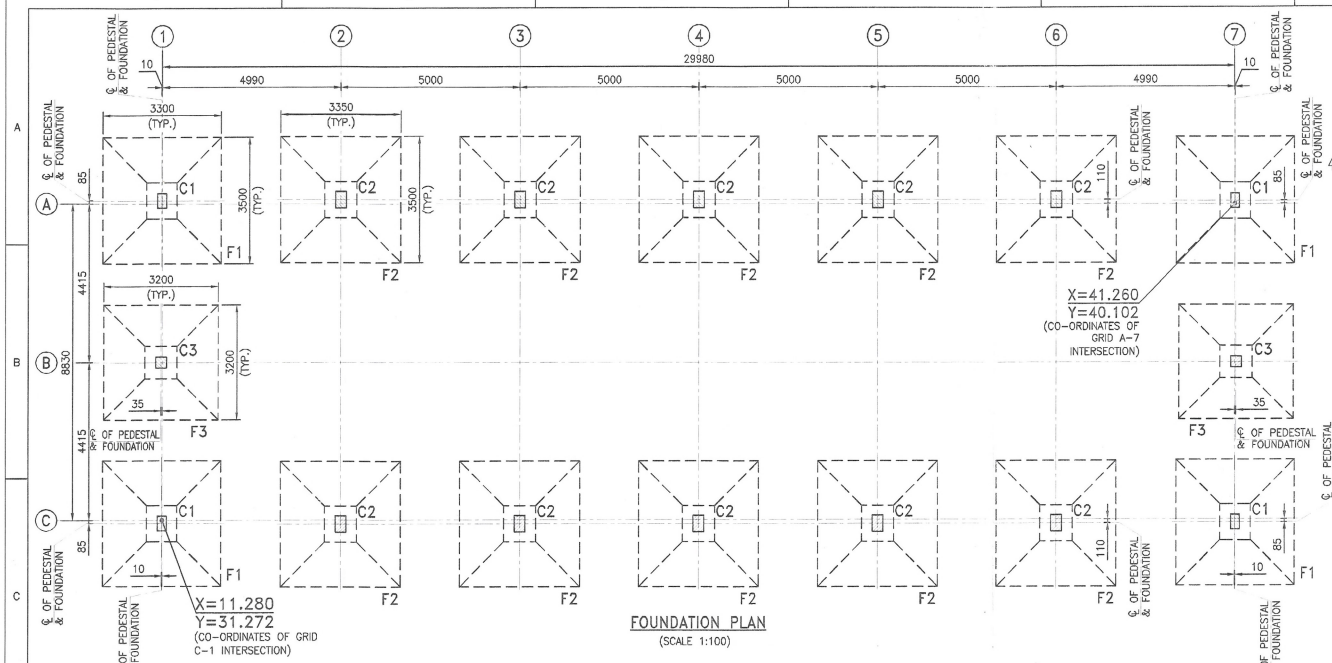
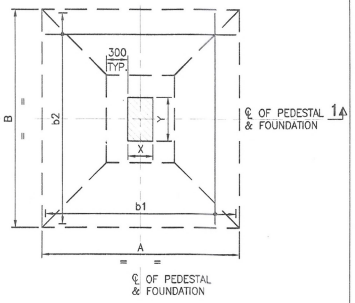
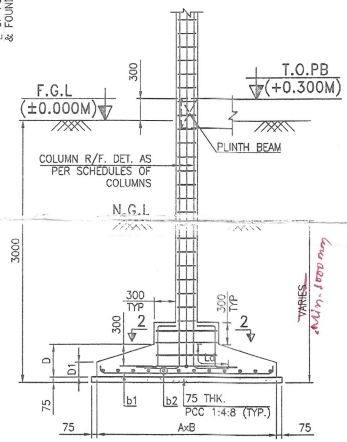


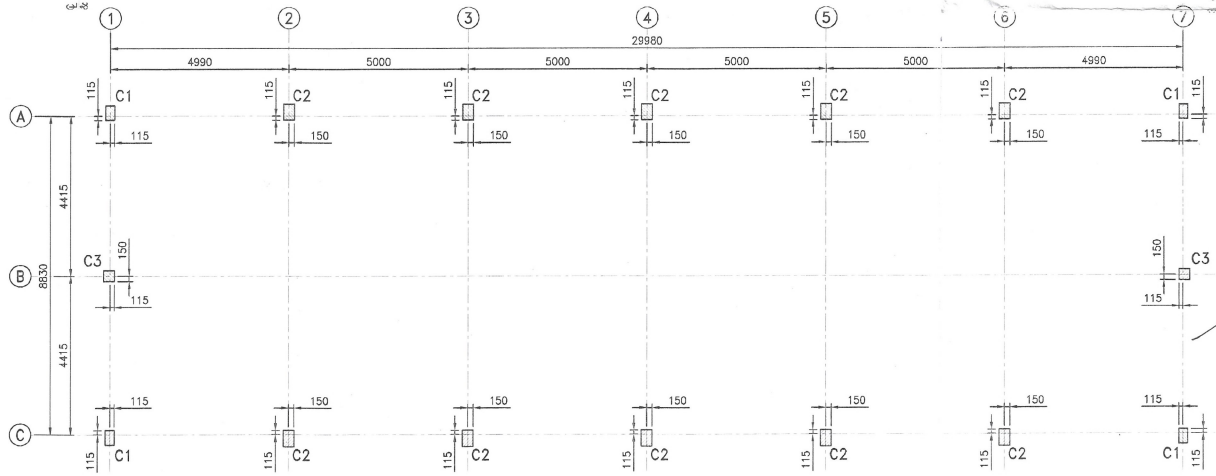
FOUNDATION PLAN
(SCALE 1:100)



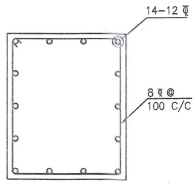
TYPICAL FOUNDATION PLAN
(SCALE 1:50)
(ORIENTATION SHALL BE AS PER LAYOUT)



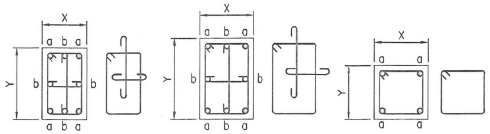
SECTION 1–1
(SCALE 1:50)



COLUMN LAYOUT PLAN
(SCALE 1:100)



SECTION 2–2
(REINF. DET. OF PEDESTAL)



COLUMN–C1
- HEAVY BAR – (a)
- LIGHTER BAR – (b)

COLUMN–C2
- HEAVY BAR – (a)
- LIGHTER BAR – (b)

COLUMN–C3
- HEAVY BAR – (a)

SCHEDULE OF COLUMN & REINF. DETAIL :–

COLUMN TYPE.	NO. OF COLUMNS	COLUMN SIZE		LONGITUDINAL REINFORCEMENT DETAILS	NORMAL TIES (N)	TIES AT LAPPING LOCATION (P)	COLUMN TERMINATION LEVEL (T.O.C)
		X	Y				
C1	04	250	400	4–16 ϕ (a)+ 4–12 ϕ (b)	8 ϕ @ 190 C/C	8 ϕ @ 150 C/C	+4.300M LVL
C2 *	10	300	450	4–16 ϕ (a)+ 4–12 ϕ (b)	8 ϕ @ 190 C/C	8 ϕ @ 150 C/C	+4.300M LVL
C3	02	300	300	4–16 ϕ (a)	8 ϕ @ 250 C/C	8 ϕ @ 150 C/C	+4.300M LVL
TOTAL	16						

* REFER SHEET. 5 & 6 OF THIS DRAWING FOR DETAILS OF ANCHOR BOLTS AT TOP OF COLUMNS FOR ANCHORING TRUSS.

SCHEDULE OF STORE SHED FOUNDATION & REINF. DETAIL

S.NO.	FOOTING MARKED	NO. OF FOOTING	A mm	B mm	H mm	D mm	D1 mm	BOTTOM REINFORCEMENT b1	BOTTOM REINFORCEMENT b2
1	F1	04	3300	3500	3000	250	150	10ϕ@150 C/C	10ϕ@150 C/C
2	F2	10	3350	3500	3000	250	150	10ϕ@150 C/C	10ϕ@150 C/C
3	F3	02	3200	3200	3000	250	150	10ϕ@150 C/C	10ϕ@150 C/C
TOTAL FOOTINGS		16							

NOTE

1. ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS AND CO–ORDINATES ARE IN METERS.
2. FOR ALL OTHER NOTES AND LEGENDS PLEASE REFER THIS DRAWING 01 OF 06.

REFERENCE DRAWINGS

1. KEC–SB937–GRL–01–1001 – OVERALL GENERAL ARRANGEMENT LAYOUT PLAN.
2. KEC–SB937–GRL–90–0002 – OVERALL FOUNDATION LAYOUT.

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

Superintending Engineer (Civil)
BSPTCL
07.12.2019

Executive Engineer (Civil)
B.S.P.T.C.L.
7.12.19

Chief Engineer, (Civil-I)
BSPTCL
9.12.19

Assistant Engineer (Civil)
BSPTCL
06.12.19

REV	DATE	DESCRIPTION	BY	ELEC.	C/ML	APPRD.
	06.12.19	ISSUED FOR APPROVAL	AGN	-	NSD/DPK	SNC

Bihar State Power Transmission Company Limited (BSPTCL)

Title: GA & DETAILS OF FOUNDATION, COLUMN, PLINTH BEAM, LINTEL BEAM, TIE BEAM, RAMP OF STORE BUILDING

Drg.No.:- CD_STORE_08-02

Scale: 1:100

Sheet: 02 OF 06

SIZE - A2