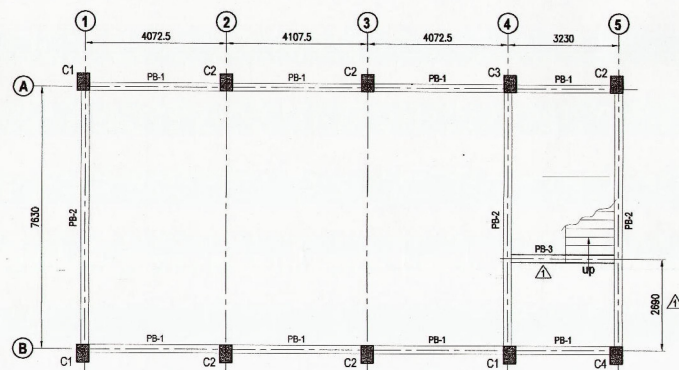


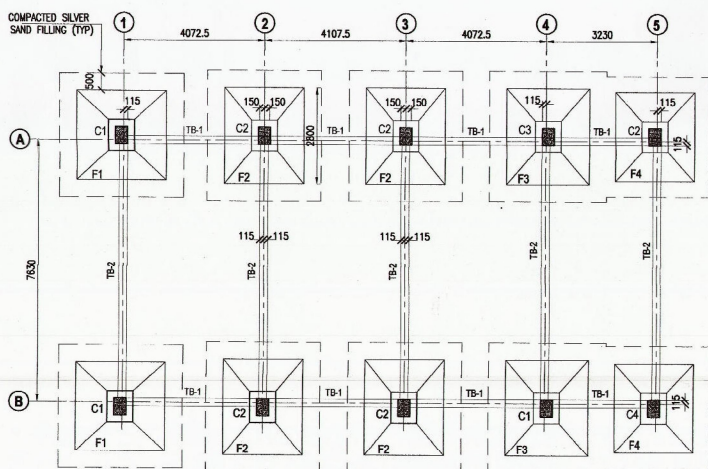
TYP. LONGITUDINAL DET. OF TIE BEAMS & PLINTH BEAMS

SCHEDULE OF FOUNDATION

FDN. MKD.	SIZE "L" x "B"	THICKNESS		BOTTOM REINF.		TOP REINF.	
		Te	T	LONGER DIR.	SHORTER DIR.	LONGER DIR.	SHORTER DIR.
F1	2600 x 2600	150	350				
F2	2800 x 2300	150	400				
F3	2800 x 2400	150	400	10 ϕ @ 150 c/c	10 ϕ @ 150 c/c	10 ϕ @ 150 c/c	10 ϕ @ 150 c/c
F4	2600 x 2300	150	400				



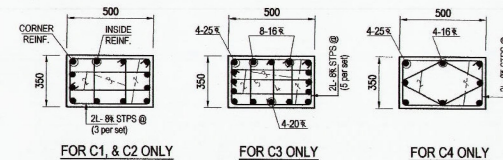
PLINTH BEAM LAYOUT PLAN
EL (+300 T.O.PB)



FOUNDATION & TIE BEAM LAYOUT PLAN
EL (+1350 T.O.TB)

SCHEDULE OF COLUMNS

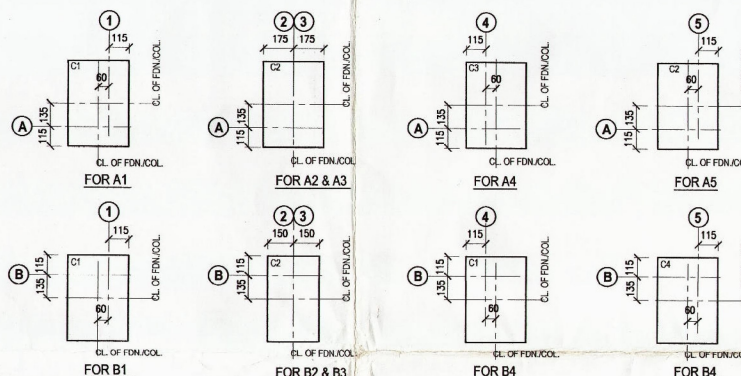
COL. MKD.	SIZE		REINFORCEMENTS		
	b (mm)	d (mm)	CORNER REINF.	INSIDE REINF.	STPS
C-1	350	500	4-25 ϕ	8-16 ϕ	@ 150 c/c
C-2	350	500	4-25 ϕ	8-20 ϕ	
C-3	350	500	4-25 ϕ	8-16 ϕ	
C-4	350	500	4-25 ϕ	4-16 ϕ	



FOR C1, & C2 ONLY

FOR C3 ONLY

FOR C4 ONLY



FOR A1

FOR A2 & A3

FOR A4

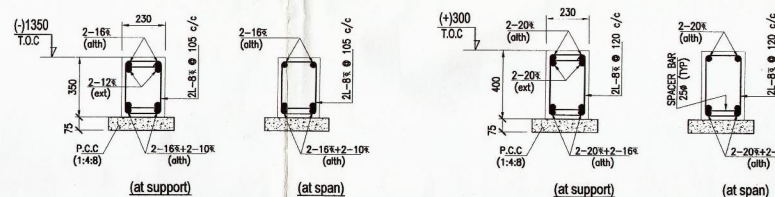
FOR A5

FOR B1

FOR B2 & B3

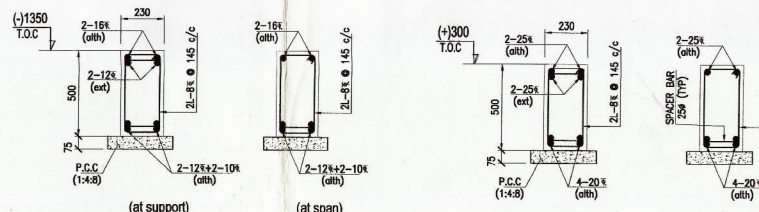
FOR B4

FOR B5



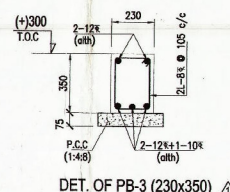
DET. OF TB-1 (230x350)

DET. OF PB-1 (230x400)

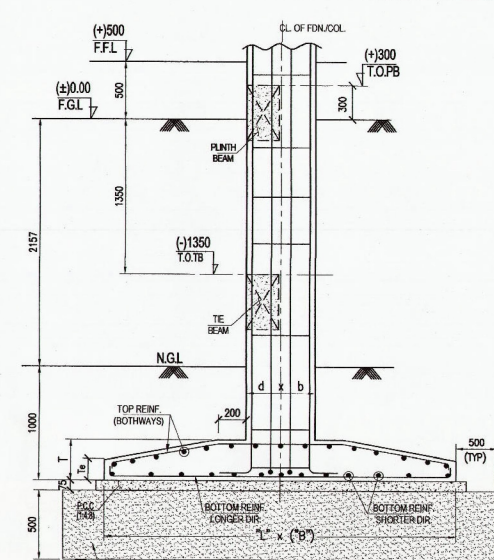


DET. OF TB-2 (230x500)

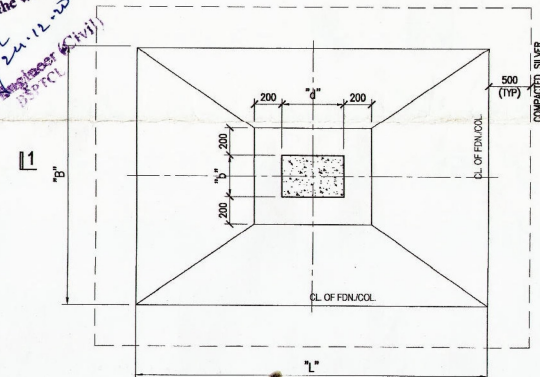
DET. OF PB-2 (230x500)



DET. OF PB-3 (230x350)



SECTION 1-1



TYP. DET. OF FOUNDATION

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

22.12.20
Assistant Engineer (Civil)
BSPTCL

22.12.20
Executive Engineer (Civil)
BSPTCL

22.12.20
Superintending Engineer (Civil)
BSPTCL

Bihar State Power
Transmission Company
Limited (BSPTCL)

Title: FFPH BUILDING - FOUNDATION LAYOUT
PLAN & DETAILS

Drg.No. :- CD_FFPHBLDG_06 -02

Scale:
1:100

Sheet:
01 OF 03

- NOTES:-
- ALL DIMENSIONS ARE IN mm & LEVELS ARE IN M, UNLESS NOTED OTHERWISE.
 - E.L. (+300.00) CORRESPONDENCE TO F.G.L.
 - GRADE OF R.C.C. : M-20
 - CLEAR COVER TO MAIN RE-INFORCEMENTS:-
a) FOUNDATIONS - 50mm, b) COLUMNS - 40mm, c) TIE BEAM - 40mm, d) PLINTH BEAM - 40mm
 - ϕ DENOTES HIGH YIELD STRENGTH DEFORMED TMT BARS OF CHARACTERISTICS STRENGTH F_y - 500 N/mm².
 - MINIMUM ANCHORAGE LENGTH OF BARS SHALL BE 50 x DIA OF BARS. *As per IS 17920*
 - BARS TO BE LOCALLY ADJUSTED TO AVOID CUT OUTS, POCKETS, INSERTS ETC.
 - LAP LENGTH = 50 x DIA OF BARS IN STAGGERED POSITIONS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATIONS.
 - 10. Detailing of reinforcement as per IS 17920*