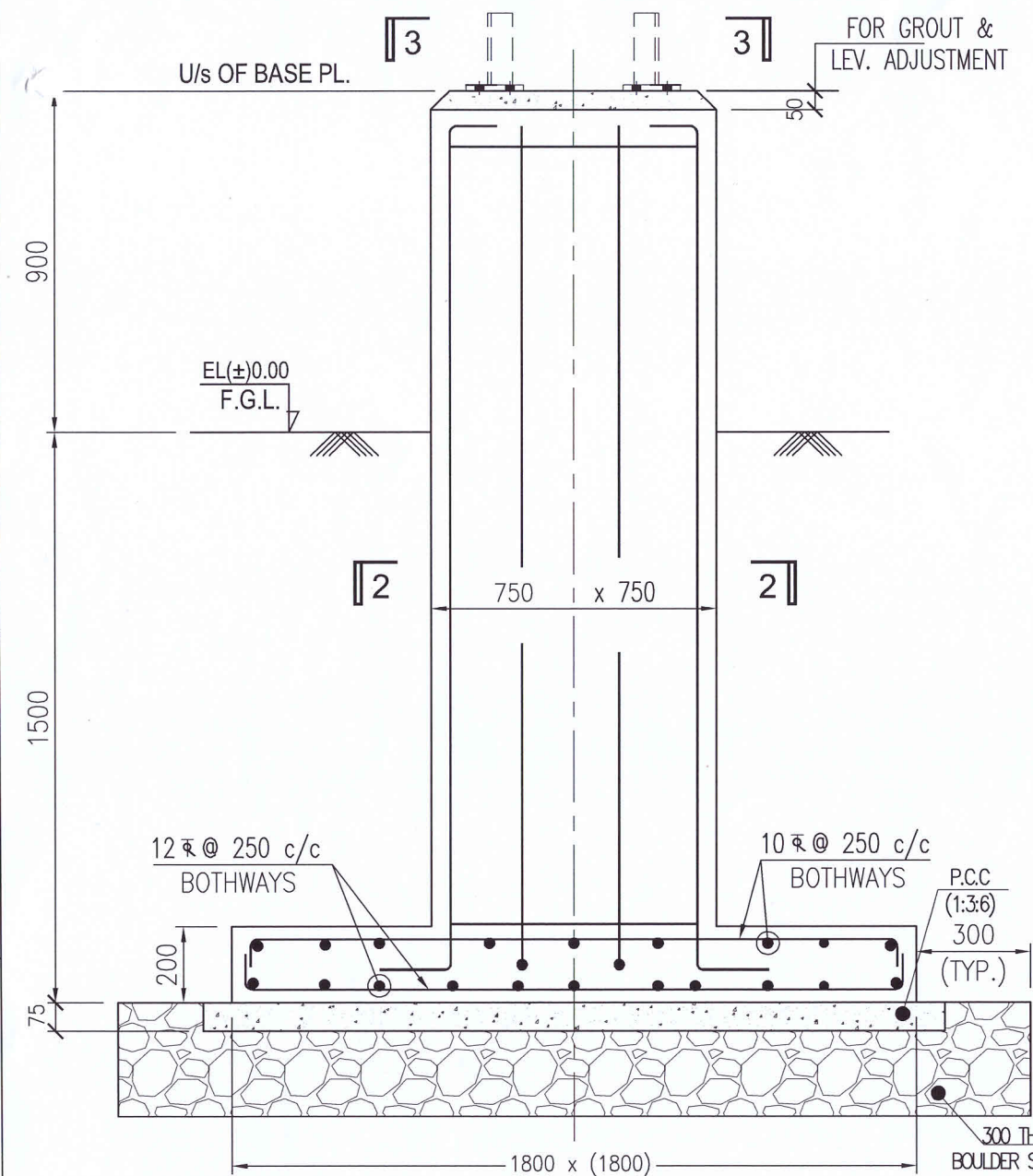
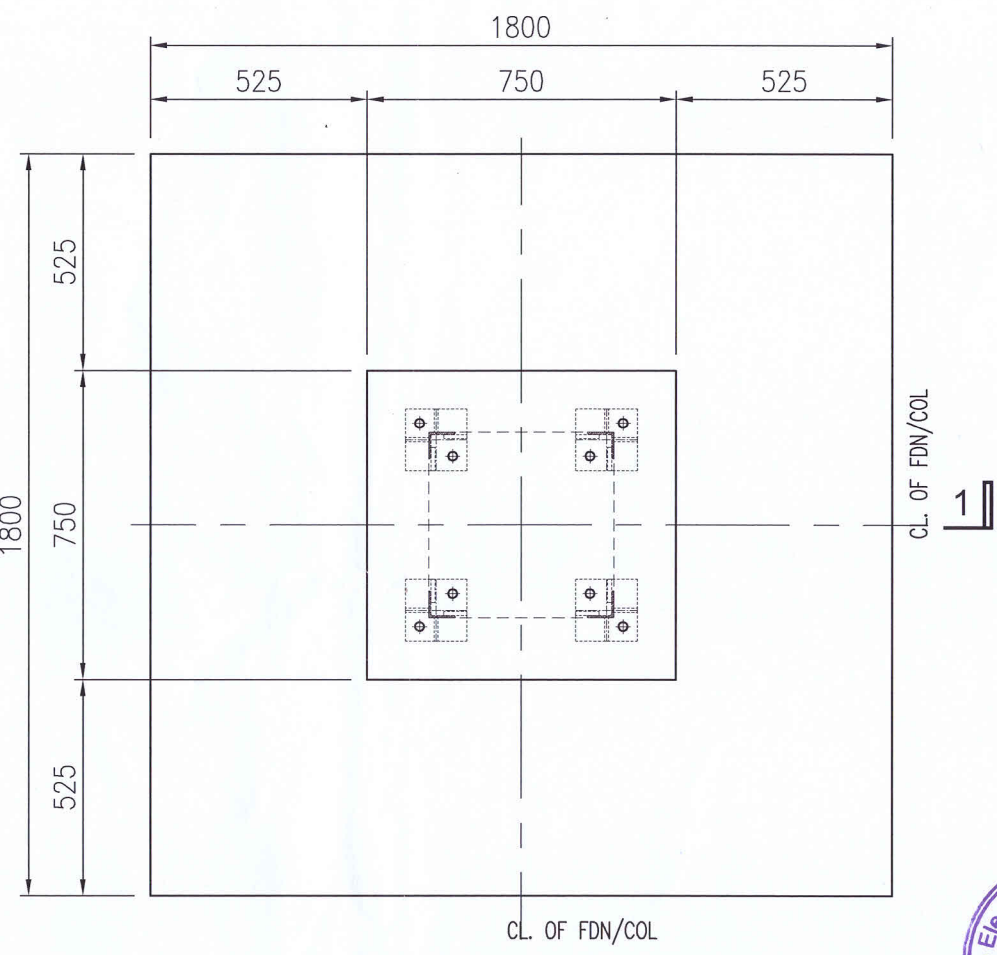
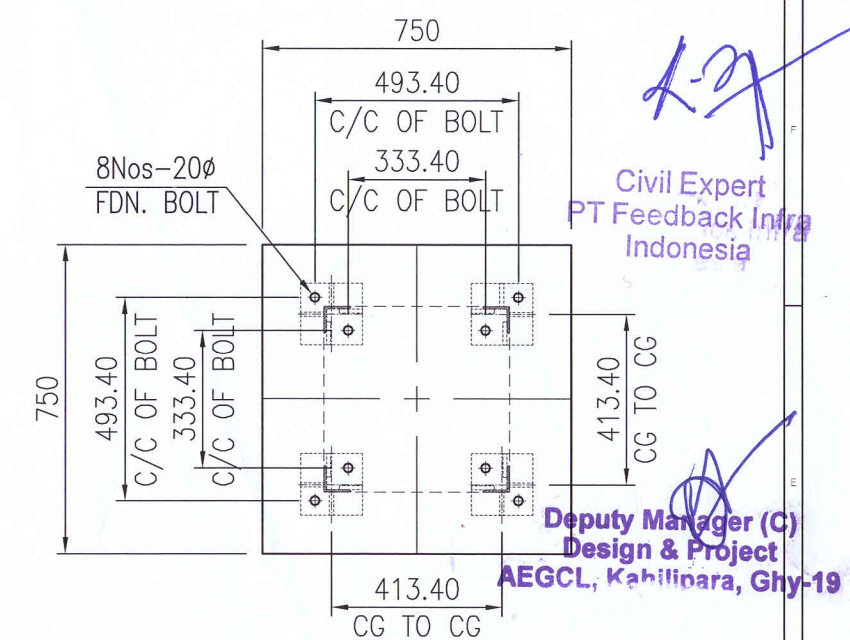




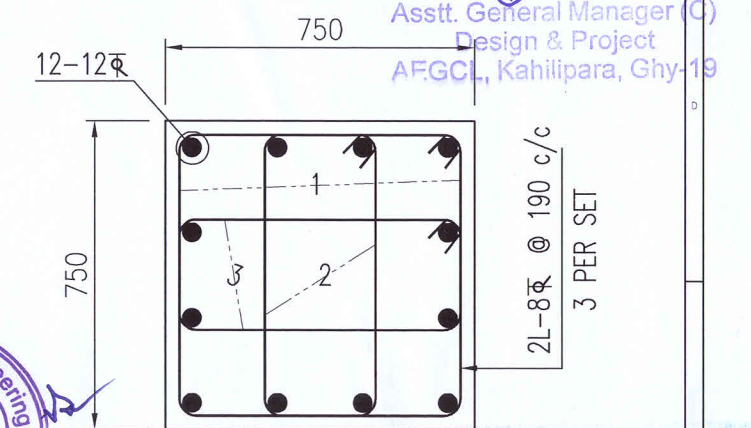
SECTION 1 - 1



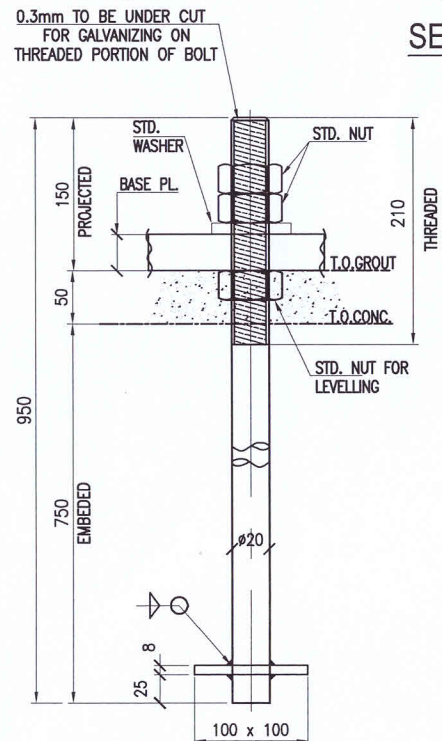
FOUNDATION PLAN OF 220KV BPI



SECTION 3 - 3



SECTION 2 - 2



DET. OF 20ϕ ANCHOR BOLT

REFERENCE DRAWING:

- DRG. NO. - AEGCL-SONA-0816SN-CIV-2BPISFAB-138
SONAPUR SS - 220KV BPI - FABRICATION DRAWING & BILL OF MATERIAL OF SUPPORT STRUCTURE-

NOTES:-

- ALL DIMENSIONS ARE IN mm & LEVELS ARE IN M, UNLESS NOTED OTHERWISE.
- F.G.L (±)00 CORRESPONDS TO RL. 100.1 M.
- a). BINDING CONCRETE MIX PROPORTION (1:3:6).
- b). R.C.C. WORK MIX PROPORTION (M-20)
- CLEAR COVER TO MAIN RE-INFORCEMENTS:-
a) FOOTING - TOP, BOTTOM & SIDE - 50 mm. b) COLUMN - 40 mm.,
- ϕ DENOTES HIGH YIELD STRENGTH DEFORMED TMT BARS OF CHARACTERISTICS STRENGTH Fe - 500D N/mm².
- MINIMUM ANCHORAGE LENGTH OF BARS SHALL BE 50 x DIA OF BARS.
- 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.
- SAFE BEARING CAPACITY OF SOIL IS 6 t/sqm. AT 1.5m BELOW F.G.L.



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APPROVED BY

General Manager (C)
O/o the I.D., AEGCL, Bijulee Bhawan
Paltanbazar, Guwahati

0	FIRST SUBMISSION	S.R	D.S	S.C	28.11.2025
REV	DESCRIPTION	PREP.	CHKD.	APPD.	DATE
				SIGN.	
OWNER	ASSAM ELECTRICITY GRID CORPORATION LIMITED				
EPC	TECHNO ELECTRIC & ENGINEERING COMPANY LIMITED				
NOA :	AEGCL/MD/AIIB/400KV/SONAPUR/TENDER/PkgH/2023-24/EXTN-2/71 DTD: 13.09.2024				
PROJECT :	CONSTRUCTION OF 400/220KV, GIS AT SONAPUR AND ASSOCIATED TRANSMISSION LINES AND BAY EXTENSION WORKS AT EXISTING 220KV SONAPUR GIS.				
SUBSTATION :	400/220KV GAS INSULATED SUBSTATION AT SONAPUR				
DRG. TITLE	SONAPUR SS - 220KV BPI - FOUNDATION DRAWING				
DRG. NO. :	AEGCL-SONA-0816SN-CIV-2BPISFDNDWG-I41				
SCALE :	N.T.S	JOB NO:	0816SN	SHEET	I OF I