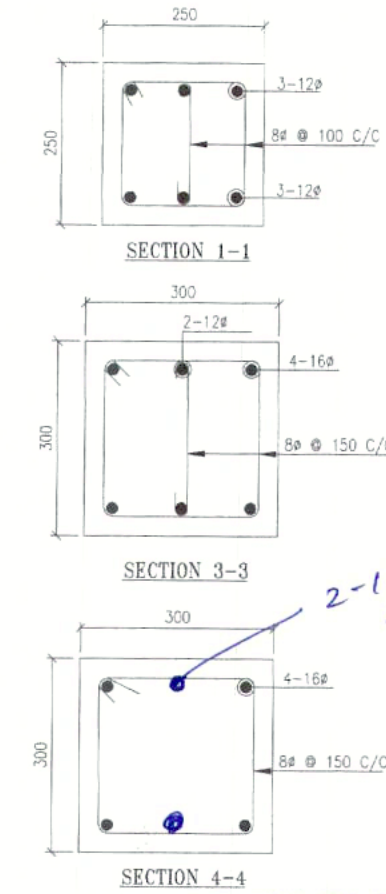
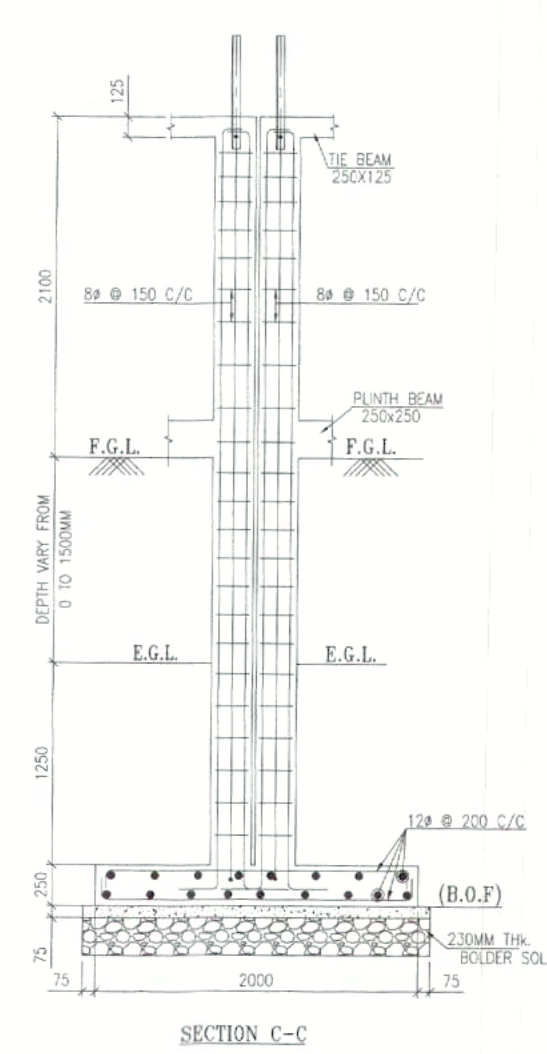
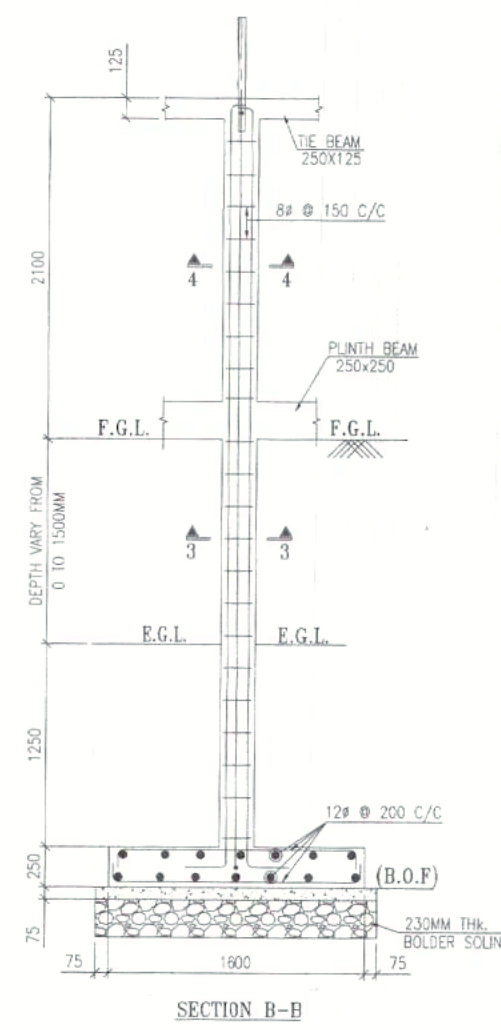
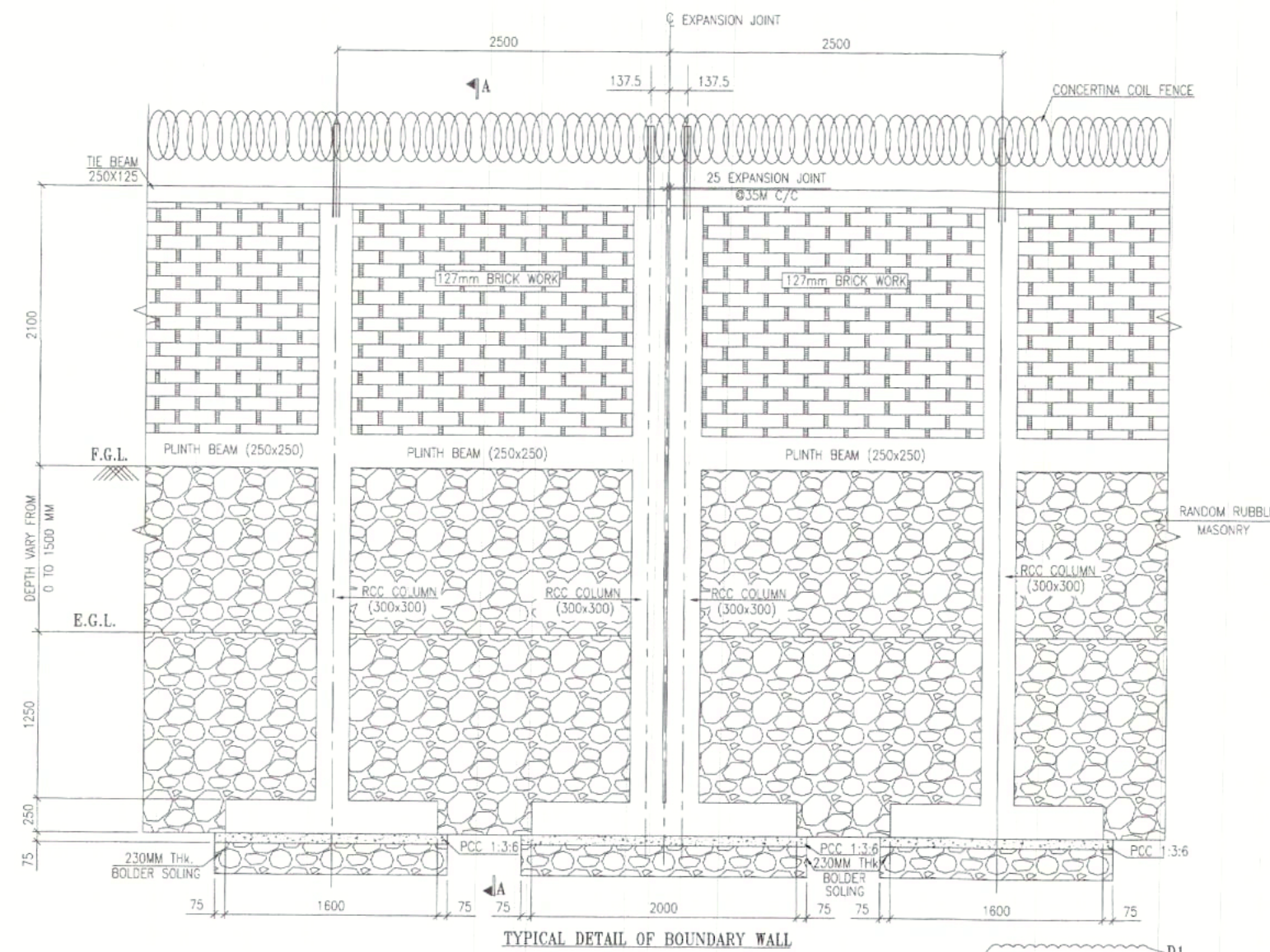


By
24/05/22
Asstt. Manager (C)
Design & Project
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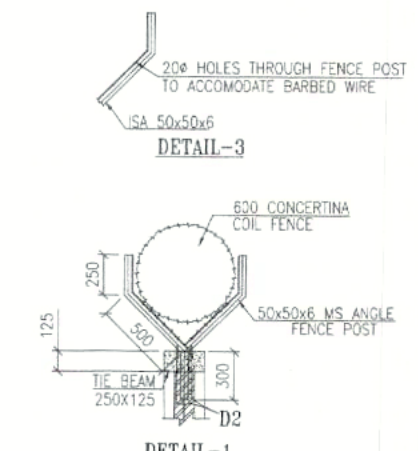
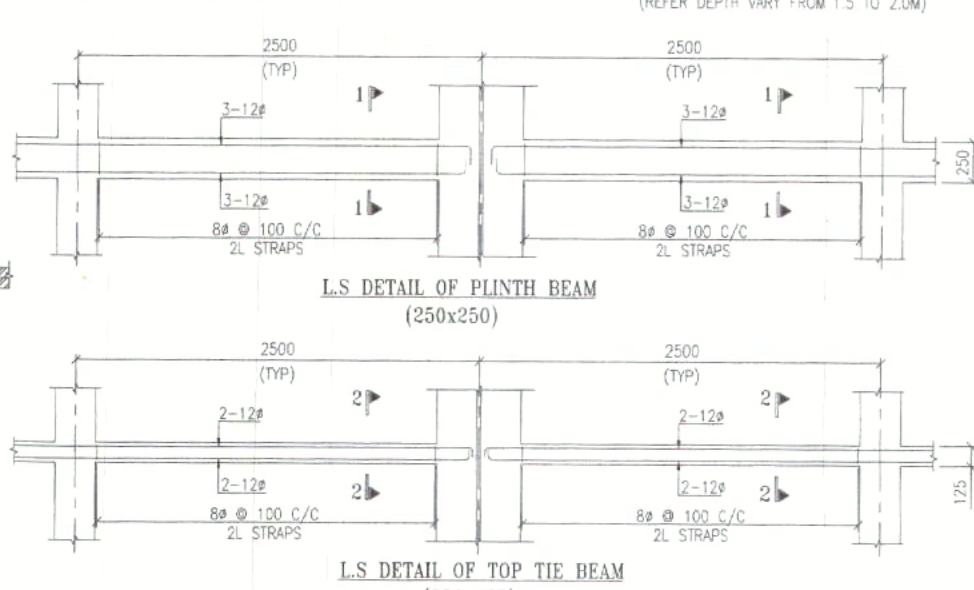
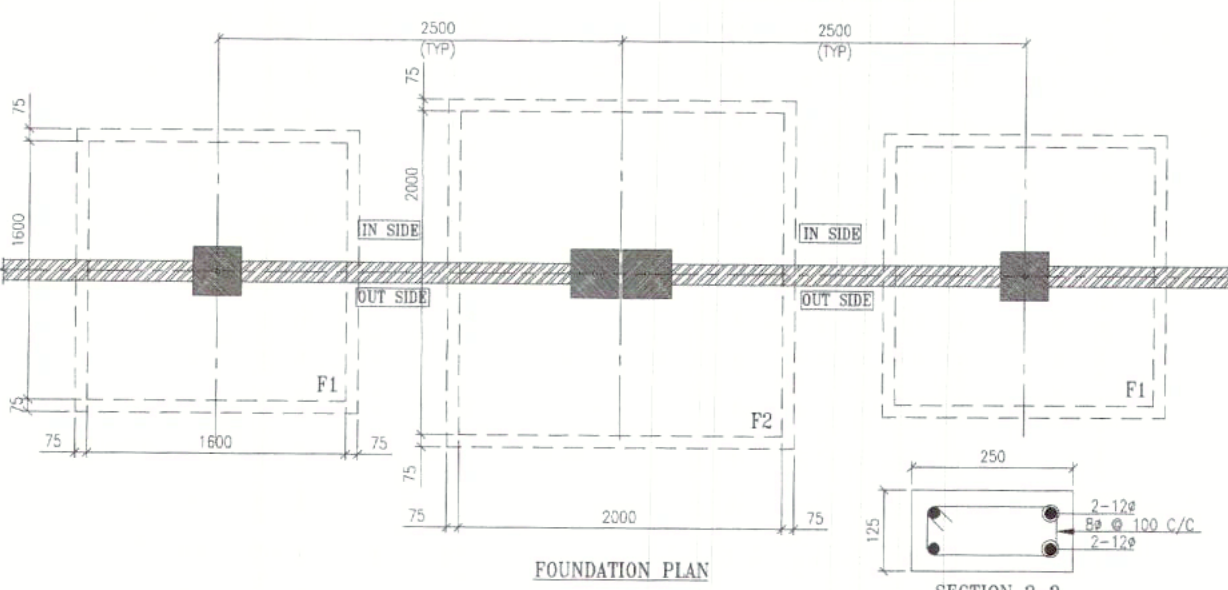
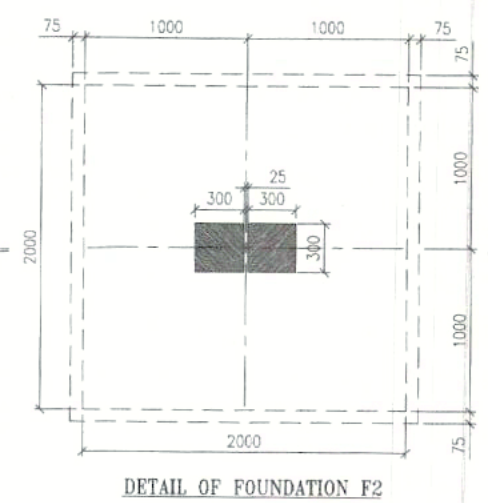
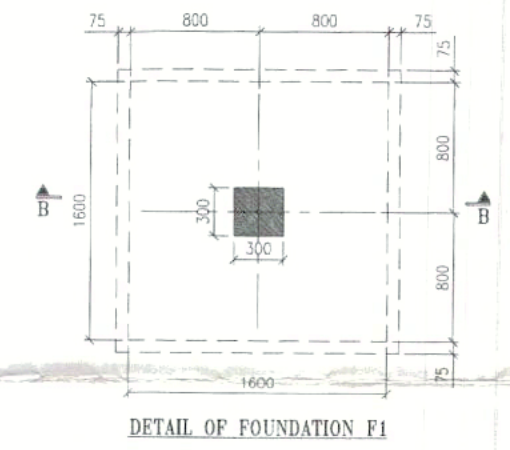
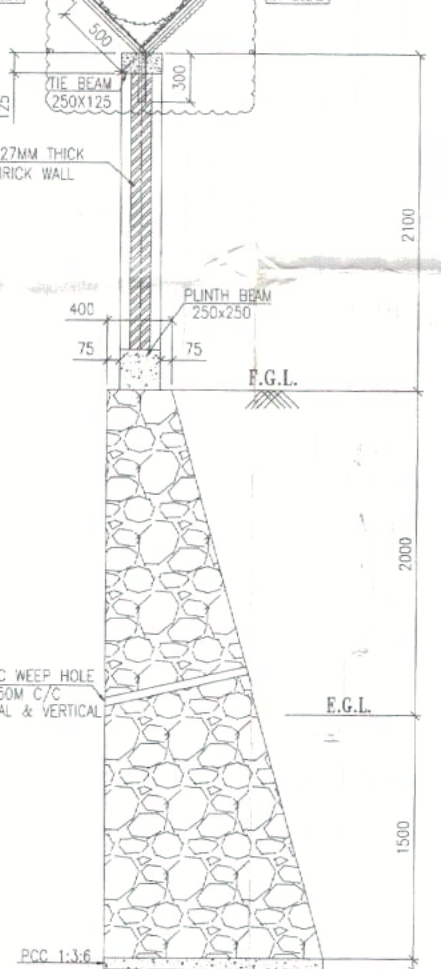
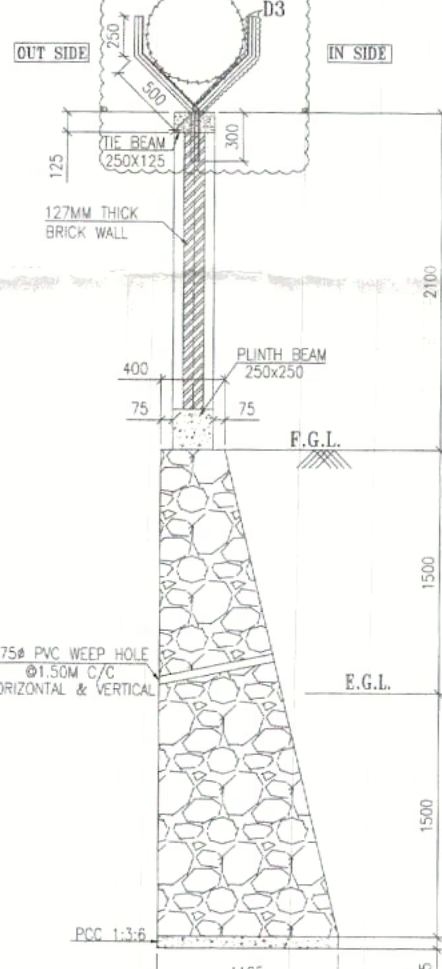
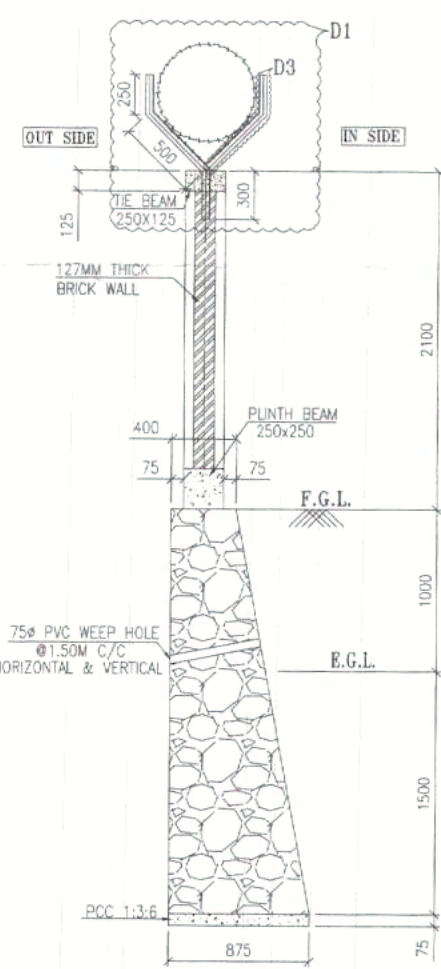
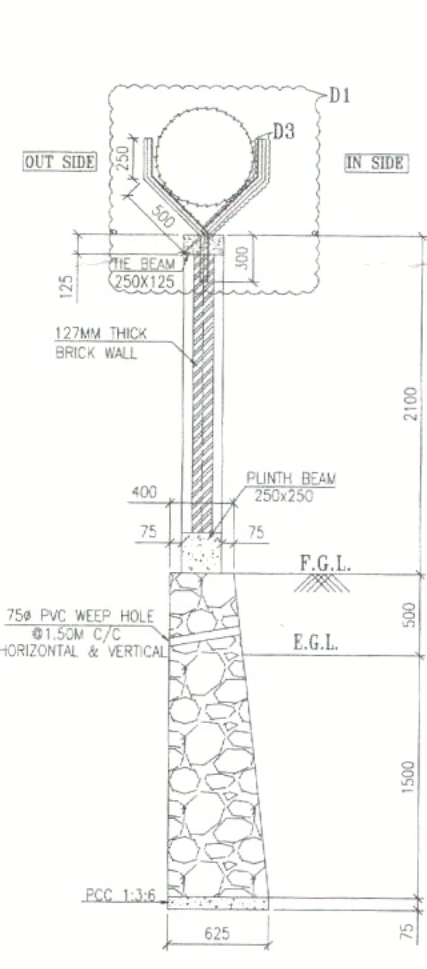
APPROVED

Deputy General Manager (C)
AEGCL, Bijulee Bhawan,
Paltanbazar, Guwahati-1

Asstt. General Manager (C)
Design & Project
AEGCL, Kahilpara, Ghy-19

LEGENDS:
F.G.L. - FINISHED GROUND LEVEL
P.C.C. - PLAIN CEMENT CONCRETE
THK - THICK

- NOTES:
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - LOCATION OF BOUNDARY WALL SHALL BE AS PER GA. DRG. LATEST APPROVED.
 - PROVIDE CLAY BRICK WORK IN 1:4 CEMENT MORTAR (1 CEMENT : 4 COARSE SAND).
 - CONC. GROUTING FOR ANGLE POST AT TOP OF BOUNDARY WALL SHALL BE IN 1:2:4 (1 CEMENT : 2 COARSE SAND : 4 STONE AGGREGATE).
 - REINFORCED BARBED TAPE (RBT) SHALL BE PROVIDED TO SUPPORT CONCERTINA COIL FENCING.
 - A) BRICK WORK SHALL BE DONE WITH BRICK OF STRENGTH 75N/352CM.
b) PLASTERING WORK SHALL BE IN CEMENT MORTAR 1:4 (1 CEMENT : 4 SAND).
c) PLASTER ON BRICK WALL SHALL BE 12mm THICK ON SMOOTH FACE (OUTSIDE) & 18mm THICK WITH UNDER LAYER 12mm THICK AND TOP LAYER 6mm THICK ON ROUGH FACE (INSIDE).
 - THE LAST 300 MM EXCAVATION IN SOIL IS TO BE DONE JUST PRIOR TO THE PLACING OF FOUNDATION P.C.C.
 - P.C.C. OF 1:3:6 GRADE SHALL BE WITH 20 MM NOMINAL SIZE AGGREGATE.
 - EXPANSION JOINTS ARE TO BE PROVIDED IN BOUNDARY WALL AT
a) MAXIMUM OF 35 M.
b) EVERY CHANGE IN DIRECTION & EVERY CHANGE IN LEVEL.
 - NO FOUNDATION SHALL REST ON THE FILL UP SOIL. IF ANY, THE FOUNDATION SHALL BE MINIMUM 500mm BELOW VIRGIN SOIL.
 - THE HEIGHT OF BOUNDARY WALL EXCLUDING FENCE AT TOP SHALL BE AT LEAST 2100 MM, ABOVE GROUND LEVEL OR FORMATION LEVEL.
 - CONCRETE FOR R.C.C. WORK SHALL BE OF GRADE M20.
 - REINFORCEMENT BARS SHALL BE H.Y.S.D. (Fe 500).
 - CLEAR COVER OVER THE MAIN REINF. SHALL BE AS FOLLOWS
a) FOOTING - 50 MM
b) COLUMN 40 MM - c) BEAM 25 MM.
 - LAP/ANCHORAGE LENGTH SHALL BE 50 X DIA. OF BAR.
 - STRUCTURAL STEEL FOR ANGLE POSTS SHALL CONFORM TO IS:2062 (LATEST EDITION).
 - ANGLE POST SHALL BE PAINTED WITH TWO OR MORE COATS OF SYNTHETIC ENAMEL PAINTS OF APPROVED BRAND AND MANUFACTURE OVER A PRIMING COAT OF APPROVED STEEL.
 - ALL EXPOSED PLASTER SURFACES TO BE DISTEMPERED WITH TWO COAT OF WEATHER PROOF PAINT OF APPROVED BRAND AND MANUFACTURE OVER A PRIMING COAT WITH CEMENT PRIMER.



REV. NO.	DATE	DESCRIPTION	SCALE	NTS	DATE	DRG. NO.	SHEET SIZE
0	19.05.2022	FIRST SUBMISSION	DRAWN BY	MD	19.05.2022	DP-22100-RS-KHU-CVL-BW-DWG-001	A2
			CHECKED BY	SBK	19.05.2022		
			APPROVED BY	RMK	19.05.2022	REVISION: 0	SHEET NO. 01 OF 01

CONTRACTOR	R.S. INFRAPROJECTS PVT. LTD
CLIENT	ASSAM ELECTRICITY GRID CORPORATION LIMITED
CONSULTANT	VOLTECH ENGINEERS PVT.LTD CHENNAI
PROJECT	CONSTRUCTION OF 220/132KV, 2X160 MVA; 132/33KV, 2X50 MVA GIS AT LOCATION (KHUMTAI) AND ITS ASSOCIATED LINES AND BAY EXTENSION (PACKAGE D)
TITLE	BOUNDARY WALL DRAWING