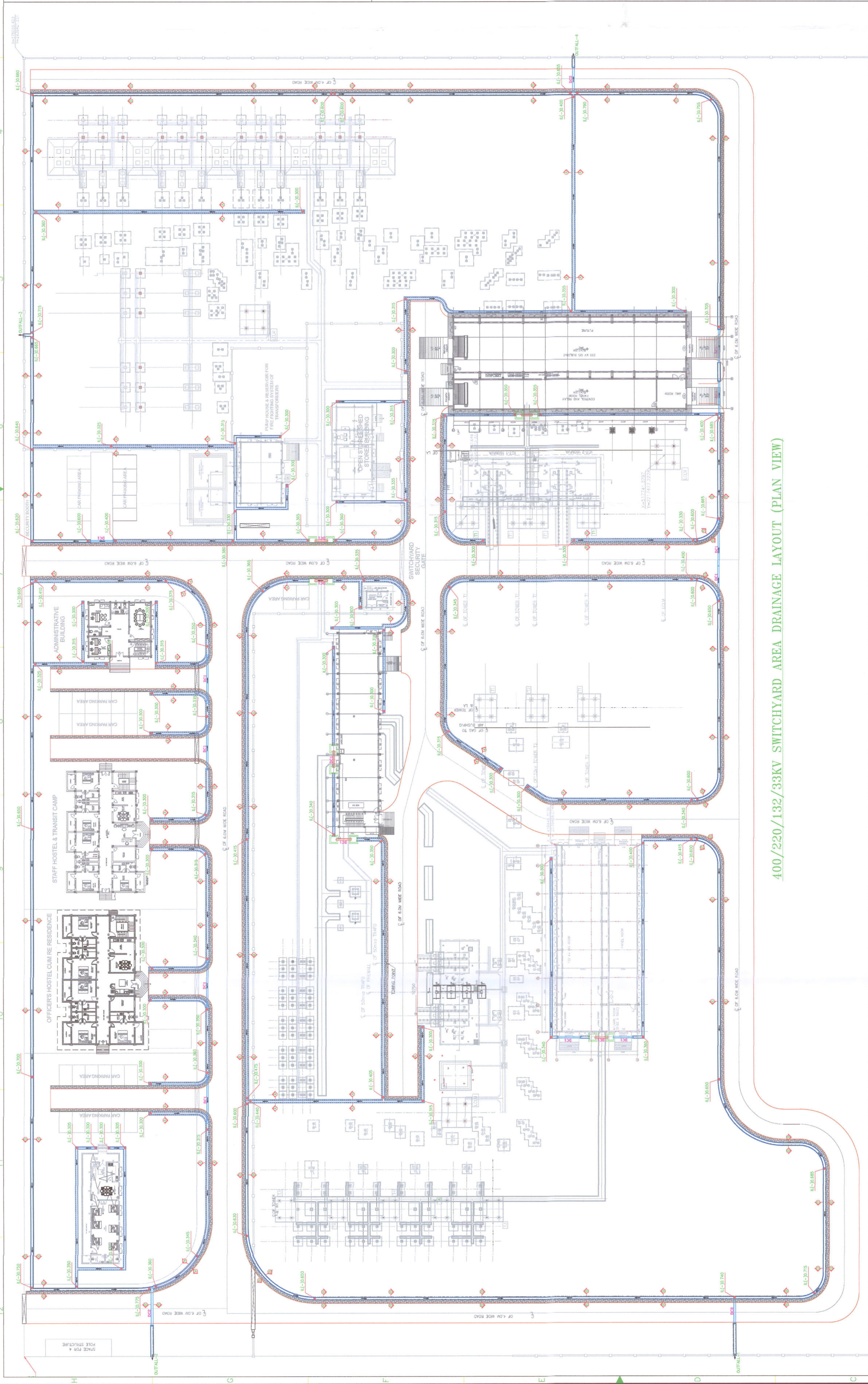




400/220/132/33KV SWITCHYARD AREA DRAINAGE LAYOUT (PLAN VIEW)

KEY PLAN

GENERAL NOTES: -

- 1. DO NOT SCALE. FOLLOW WRITTEN DIMENSIONS ONLY.
- 2. ALL DIMENSIONS ARE IN MM AND ELEVATION ARE IN METER.
- 3. IN CASE OF ANY DISCREPANCY IN DIMENSION AND LEVEL BETWEEN ELECTRICAL DRAWING AND STR. DRAWINGS, THE CONTRACTOR SHALL SEEK THE CLARIFICATION BEFORE PROCEEDING.
- 4. THIS DRAWING SHALL ONLY BE REFERRED FOR DRAINAGE LAYOUT.
- 5. ALL INVERT LEVELS ARE CORRESPONDING FGL AS (+) 0.00
- 6. ALL DRAINS SHALL BE GIVEN A MINIMUM SLOPE OF 1:1000 IN THE LONGITUDINAL DIRECTION.
- 7. MINIMUM DEPTH OF DRAIN SHALL BE 300mm BELOW F.G.L
- 8. DEPTH OFF DRAIN IS TAKEN AS HEIGHT FROM TOP OF DRAIN TO INVERT OF DRAIN.
- 9. SWITCHYARD AREA SHALL BE SUITABLY SLOPED TOWARDS NEAREST DRAIN TO AVOID FLOODING.
- 10. MINOR ADJUSTMENT IN LAYOUT SHALL BE DONE AT SITE ONLY AND THEREBY INVERTS SHOWN IN THE DRAWING MAY VARY.
- 11. PLINTH DRAIN/PERIPHERAL DRAIN AROUND CRG, GS BUILDING, DG SET & OTHER BUILDINGS SHALL BE CONSTRUCTED SUITABLY AT SITE.

SCHEDULE OF ROAD CROSSING: -

S. NO.	ROAD CROSSING	DIA & NO. OF PIPES (D)
1	DC1	1-250 Ø
2	DC2	1-300 Ø

LEGEND :-

	CABLE TRENCH
	BRICK DRAIN
	R.C.C. DRAIN
	FINISH GROUND LEVEL

Civil Expert
PT Feedback Infra
Indonesia

Asst. Manager (C)
Design & Project
EGCL, Kahlipara, Ghy-19

APPROVED BY

Asst. General Manager (C)
Design & Project
AFGCL, Kahlipara, Ghy-19



REV.NO	18.11.25	FIRST SUBMISSION	GS	AP	SS
DESCRIPTION			DRAWN	CHECKED	APPROVED

REVISIONS

CONTRACTOR		R.S. INFRA PROJECTS PVT. LTD (CONSOLIDATED WITH) PARTH ELECTRICALS & ENGINEERING PVT.LTD
CLIENT		ASSAM ELECTRICITY GRID CORPORATION LIMITED

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
DRAINAGE LAYOUT AND CROSS SECTION DETAILS
FOR 400/220/132/33KV SWITCHYARD AT KHUMTAI,
GOLAGHAT (ASSAM)

SCALE	NTS	DATE	DRG. NO.	SHEET
DRAWN BY	GS	18.11.25		SIZE
CHECKED BY	AP	18.11.25		DP-22100-RS-KTU-DRAIN LTY-400/220/132/33KV-DWG-095A
APPROVED BY	SS	18.11.25	REVISION:	01 OF 01

