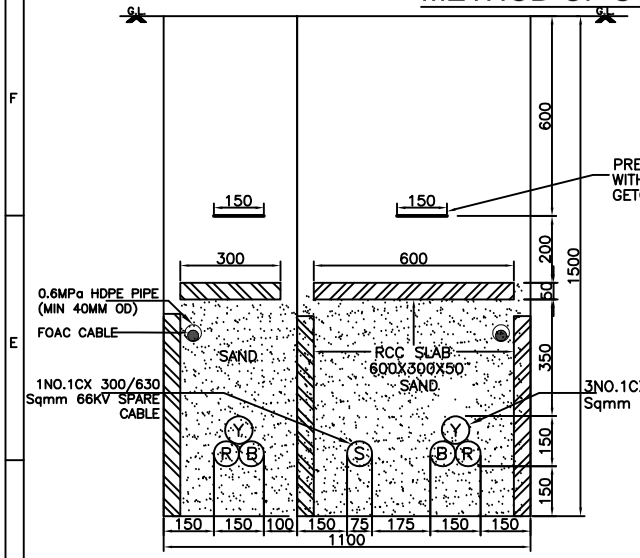
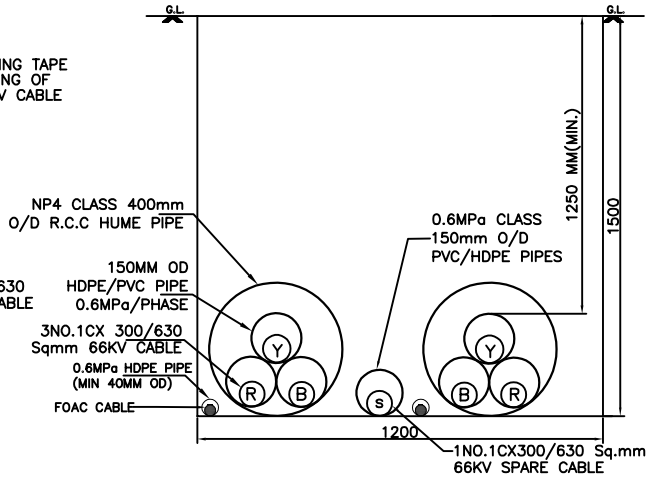
METHOD OF CONSTRUCTION FOR 66KV U/G CABLE LAYING WORK (6+1) WITH FOAC CABLE



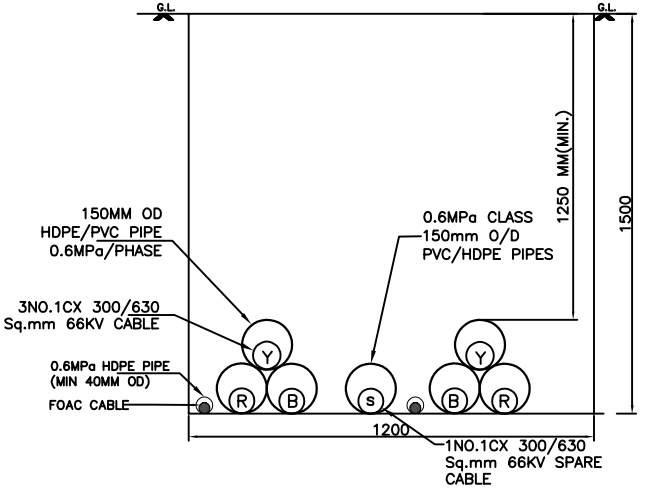
TRENCH CROSS SECTION FOR 66KV(E) 1CX300/630 Sqmm (DOUBLE CIRCUIT ONE SPARE) XLPE POWER CABLE

(A) CABLE LAYING AT NORMAL EXCAVATION



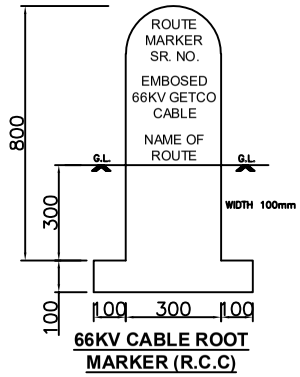
TRENCH CROSSING SECTION FOR CABLES IN RCC HUME & HDPE/PVC PIPES FOR 66KV(E) 1CX300/630 Sqmm (DOUBLE CIRCUIT ONE SPARE) XLPE POWER CABLE

(B) CABLE LAYING AT ROAD /NALA CROSSING (OPEN EXCAVATION)



TRENCHLESS DIGGING FOR 66KV(E) 1CX300/630 Sqmm (DOUBLE CIRCUIT ONE SPARE) XLPE POWER CABLE

(C) CABLE LAYING AT ROAD CROSSING (HDD METHOD)



66KV CABLE ROOT MARKER (R.C.C)

Appr. L. no.O-012530 Dt.30.10.2025

GETCO **ENGG. CELL**

DRAWING APPROVAL

- ☑ Cat-1 Approved
- ☐ Cat-2 Approved with comments
- ☐ Cat-3 Approved for information
- ☐ Cat-4 Not Approved

The above approval in general does not absolve you from contractual obligations.

GETCO

- ☐ Released for Manufacturer
- ☑ Released for Construction
- ☐ Released for Information

- ALL DIMENSION ARE IN MM.

NOTES:-

1. FOAC CABLE ARMOUR SHALL BE EARTHED AT BOTH END.

COMMENTS INCASE OF ALU. CORRUGATED SHEATH CABLE LAYING

1. ALU. CORRUGATED CABLE MUST BE PULLED WITH PULLING EYE/SOCKET PROVIDED WITH CABLE END.
2. ENDS OF EXTRA CABLE LEFT OUT AFTER LAYING SHALL BE SEALED WITH MOISTURE INGRESS PROTECTION SLEEVE + PULLING EYE / SOCKET.
3. MIN. BENDING RADIUS 1800MM SHALL BE MAINTAINED.

DATE	REV:	DESCRIPTION:
29.10.25	R3	1. AS PER FIELD INPUTS SAND LAYER REMOVED FROM CABLE LAYING AT ROAD/ NALA CROSSING BY OPEN EXCAVATION 2. FOAC CABLE INCLUDED AS PER CE (PROJ) O.N. No.CE(Pro.)II/T-1/66KV DOWNSTREAM / 2282/ Dtd. 07.10.2023 3. CABLE LAYING BY HDD METHOD SEPARATE PVC/HDPE PIPE/ PHASE CABLE INCLUDED.
29.09.2021	R2	DEPTH OF CABLE LAYING AT ROAD/NALA CROSSING CHANGED FROM 1200 TO 1500 MM TO MAINTAIN MIN. U/G DEPTH AS PER CEA NOTIFICATION Part -III DT: 20/09/10 CLAUSE. NO. 76 (1), Pg. no.50.
09.07.2018	R1	SAND BEDDING 150 MM INSTED OF 250 MM, SAND LAYER ABOVE CABLE 350 MM INSTED OF 250 MM, ALU. CORUGATED CABLE COMMENTS ADDED, ROUTE MARKER HEIGHT 900 MM INSTED OF 650 MM & PAD TYPE ADOPTED.

EXECUTION PURPOSE

GUJARAT ENERGY TRANSMISSION CORPN.LTD.
S.P.VIDYUT BHAVAN, RACE COURSE,
VADODARA - 390 007

MOC DETAILS FOR (6+1),66KV 1C X300 / 630 SQ. MM. UNDERGROUND XLPE CABLE LAYING WITH FOAC CABLE

DRAWN:	CHECKED:	APPD:	SIZE:
DE(ENGG.)	EE(ENGG.)	I/C.ACE(ENGG.)	A4

SCALE:	DATE:	DRG. NO:	SHEET:	REV:
1:10	29.10.2025	GETCO / E / 66KV/Cable MOC-(6+1) /01	1 OF 1	R3