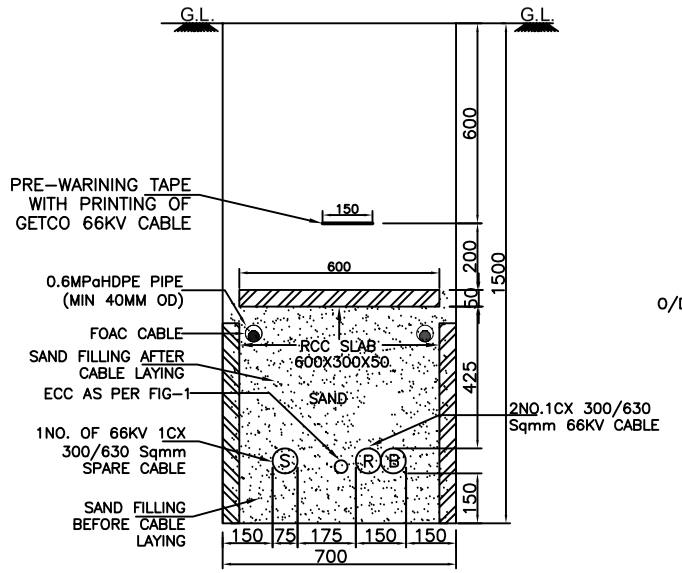
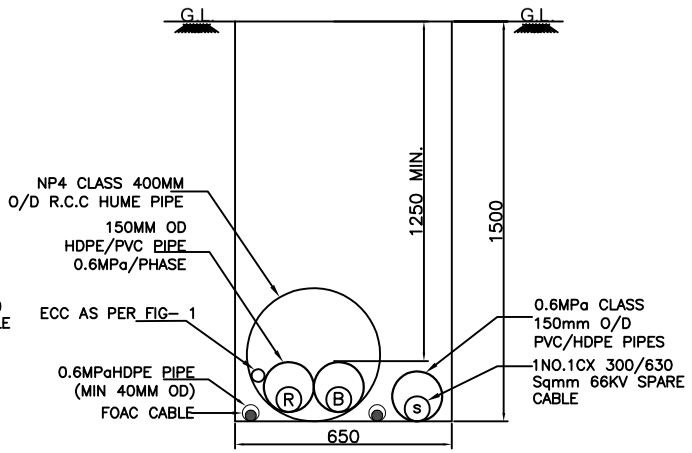
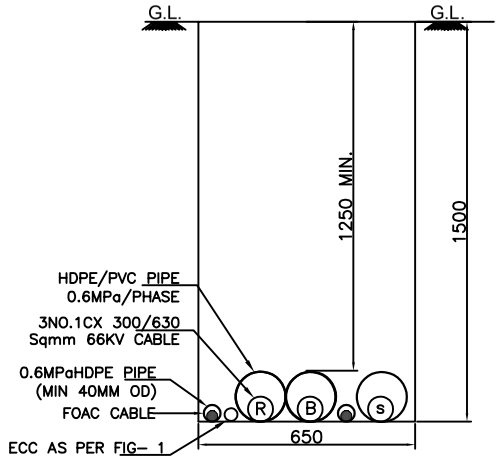
METHOD OF CONSTRUCTION FOR 66KV U/G CABLE LAYING WORK (2+1) WITH FOAC CABLE



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



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



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

(A) CABLE LAYING AT NORMAL EXCAVATION

GETCO

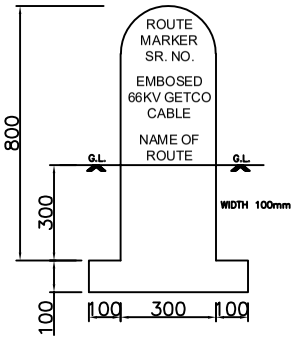
- ☐ Released for Manufacturer
- ☑ Released for Construction
- ☐ Released for Information

NOTE:
1. ECC (EARTH CONTINUITY CABLE) SHALL BE EITHER ACSR PANTHER CONDUCTOR COVERED WITH 0.4 MPa HDPE PIPE OR 1.1 KV 1CX 185 SQMM COPPER CONDUCTOR CABLE.
2. ECC SHALL BE EARTHED DIRECTLY AT EACH EARTHING PIT OF LINK BOX.
3. ECC SHALL BE TRANSPOSED AT EQUAL DIST. OF ROUTE LENGTH AS PER FIG.-1
4. FOAC CABLE SHALL BE CONSIDERED AS PER SCOPE.

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.

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



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

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

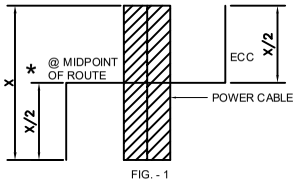


FIG. - 1

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.

- ALL DIMENSION ARE IN MM.

EXECUTION PURPOSE

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

DATE	REV:	DESCRIPTION:
29.10.25	R2	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
11.06.2025	R1	HDPE PIPE/PHASE ADDED IN ROAD/ NALA CROSSING ,DRAWING FOR HDD ADDED.

MOC DETAILS FOR (2+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-(2+1) /01	1 OF 1 / R2