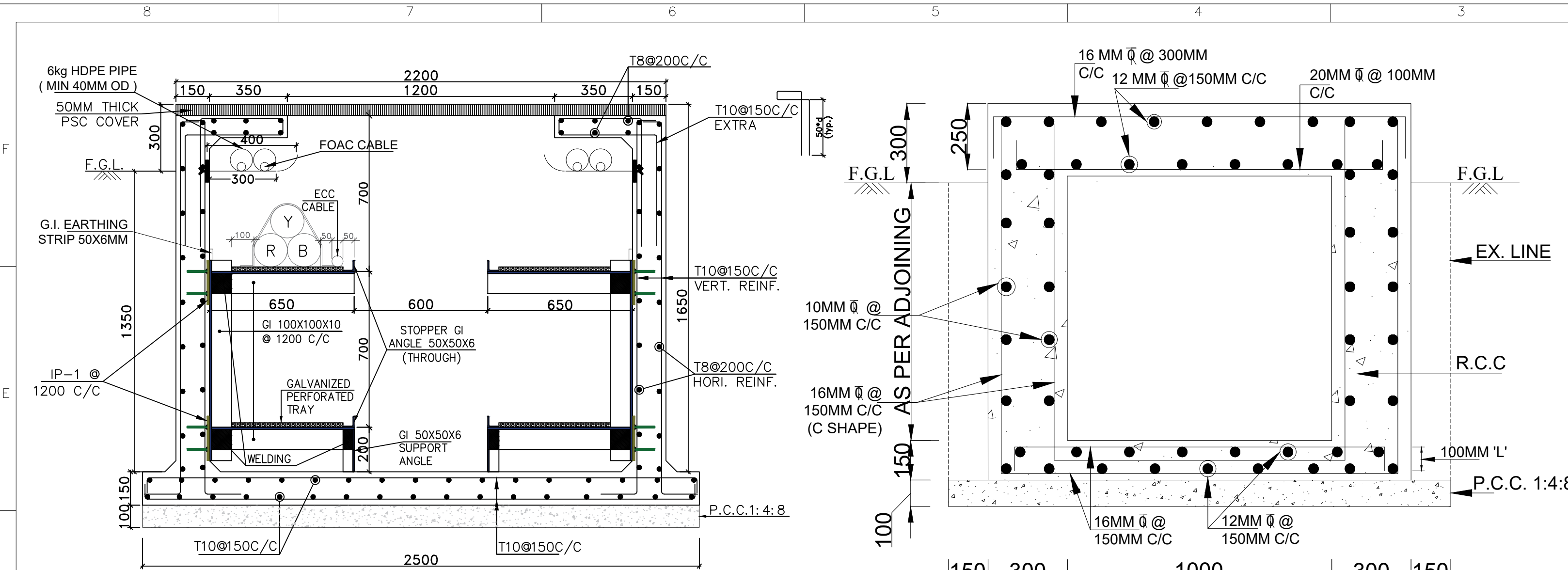
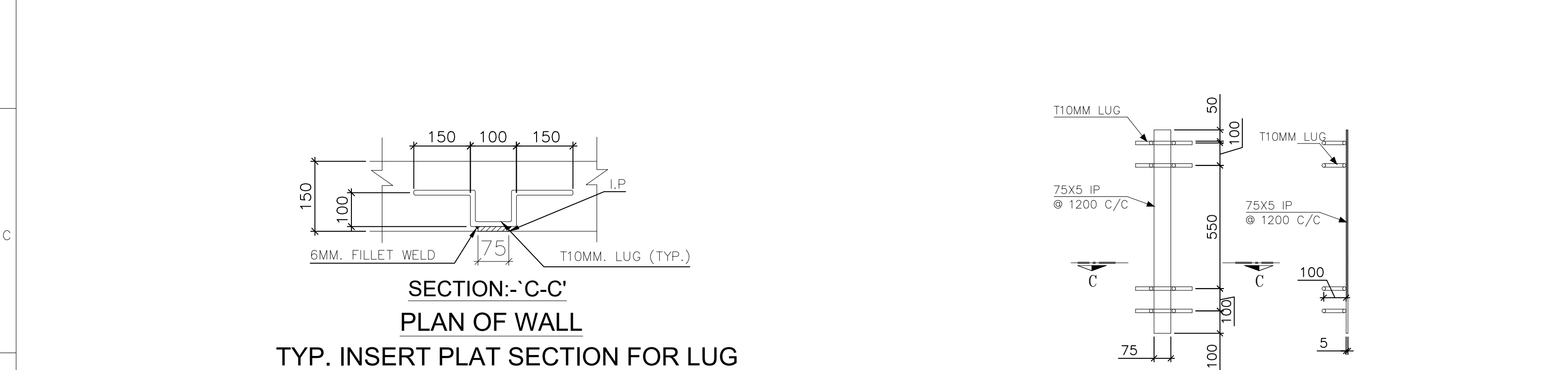




220kV POWER CABLE TRENCH

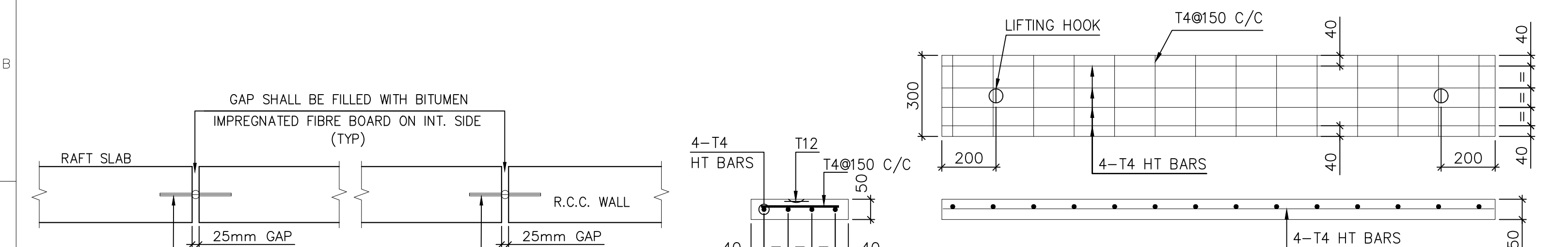
SECTION OF CABLE TRENCH AT ROAD CROSSING
(TRAY ARRANGEMENT SHALL AS PER ADJOINING CABLE TRENCH)



SECTION:-'C-C'

PLAN OF WALL

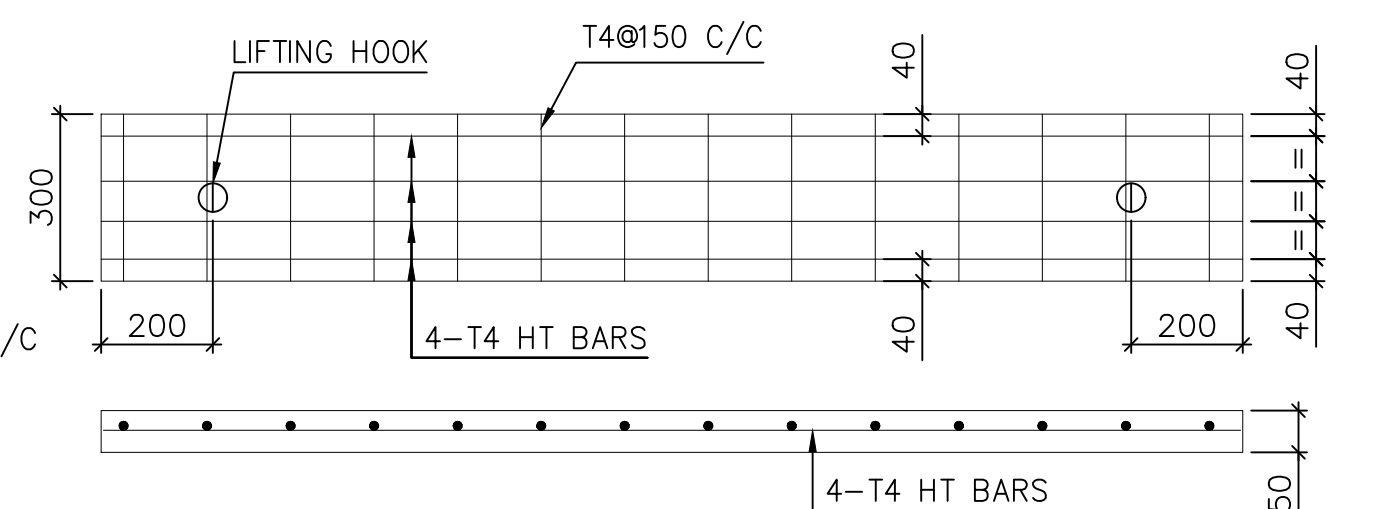
TYP. INSERT PLAT SECTION FOR LUG



ELEVATION

PLAN

TYPICAL DETAILS OF EXPANSION JOINT
(PROVIDE EXPANSION JOINT @ EVERY 45M MAX.)



TRENCH COVER

PRESTRESSED COVER

- IMPORTANT NOTES:**
- A GENERAL**
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED & LEVELS ARE IN METER.
 - DO NOT SCALE THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 - THE DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING I.E. ARCHITECTURAL, ELECTRICAL & STRUCTURAL DRAWING. (GA DRAWING OF MANUFACTURER)
 - ALL THE WORK SHALL BE CARRIED OUT AS PER RELEVANT FIELD QUALITY PLAN APPROVED BY GETCO.
 - IN CASE OF ANY DOUBT OR DISCREPANCIES, PLEASE CONTACT ENGG. CELL. NO ASSUMPTIONS SHALL BE MADE.
 - ALL SAFETY PRECAUTIONS AS MENTIONED IN ELECTRICAL LAYOUT, SAFETY MANUAL & RELEVANT STANDARD CODES, SHALL BE SCRUPULOUSLY FOLLOWED WHILE EXECUTION OF WORK.
- B CONCRETE**
- ALL THE RCC WORK SHALL BE CARRIED OUT AS PER IS 456-2000, WITH LATEST REVISION.
 - CEMENT USED FOR CONCRETE SHALL BE OPC WITH C3A CONTENT FROM 5 TO 8 %
 - THE GRADE OF CONCRETE SHALL BE M-20, EXCEPT LEAN CONCRETE
 - ALL CONCRETE SHALL BE MACHINE MIXED, VIBRATED & CURED FOR MINIMUM 10 DAYS.
 - USE OF NEEDLE VIBRATOR IS COMPULSORY FOR ALL CONCRETE WORKS.
- C REINFORCEMENT**
- REINFORCEMENT BAR SHALL BE TMT BARS CONFIRMING TO IS 1786-GRADE FE-500/500D/550.
 - REINFORCEMENT SHALL BE BENT & FIXED IN ACCORDANCE WITH THE PROCEDURE SPECIFIED IN IS 2502-1963.
 - CLEAR COVER TO THE REINFORCEMENT SHALL BE AS UNDER SLAB / LINTEL / CHHAJJA - 15MM, COPING / PARDI / WALL - 20MM, BEAM - 25MM, COLUMN - 40MM, FOOTING - 50MM
 - LAP LENGTH SHOULD BE 50 TIMES OF DIA..
 - LAP AT SUPPORT SECTION, JOINT SECTION & MID SPAN SHALL BE AVOIDED.
 - OVERLAPPING OF REINFORCEMENT SHALL BE STAGGERED.
 - UNLESS OTHERWISE SPECIFIED DISTN., STEEL SHOULD BE 8 MM. TOR @ 200 MM. C/C.
 - IN CASE OF CONTINUOUS SUPPORT, REINFORCEMENTS ARE DEFERENT FOR TWO ADJACENT **BEAMS / SLABS**, THE HIGHER SUPPORT REINFORCEMENT OF THE TWO SHALL BE PROVIDED AT THE SUPPORT.
 - LENGTH OF ALL 'L' SHOULD BE 150 MM
- D FOUNDATION**
- NO FOUNDATION SHALL BE RESTED ON FILLED-UP SOIL / BLACK COTTON SOIL .
 - IF FILLED UP SOIL ENCOUNTERED, FOUNDATION SHALL BE TAKEN 250 MM BELOW VIRGIN SOIL.
 - IF FOUNDATION FALLS ON EXCAVATED TRENCHES OF ADJOINING FOUNDATION, THAN FOUNDATION SHALL EXTENDED UP TO THE DEPTH OF ADJOINING FOUNDATION.
 - IN CASE BLACK COTTON SOIL ENCOUNTERED AT FOUNDATION DEPTH, THAN FOUNDATION SHALL REST ON COMPACTED SAND BAD OF 300MM THICKNESS
 - BACK FILLING SHALL BE DONE WITH USE OF NON COHESIVE SOIL ONLY.
 - EXCAVATED SOIL SHALL BE CHECKED BY E. E. (CIVIL) & HE SHALL DECIDE TO USE EXCAVATED SOIL OR TO BE BROUGHT FROM OUT-SIDE.
 - THE BACK FILLING AROUND THE FOUNDATION SHALL BE ADEQUATE TO ACHIEVE THE PROCTOR DENSITY OF 95%.
 - LAY-OUT, LINE-OUT & ORIENTATION SHALL BE CHECKED JOINTLY BY E. E. / D. E. - (CIVIL) & E. E. / D. E. - (CONST), ON THE BASIS OF APPROVED ELECTRICAL LAY-OUT, GA DRAWING & THIS DRAWING, PRIOR TO START THE WORK.
- F SPECIAL NOTES**
- PVC PIPE OF 150MM DIA. SHALL BE PROVIDED UNDERNEATH CABLE TRENCH FOR PASSING OF EARTHING ROD. GRID SHALL BE DECIDED IN CONSULTATION WITH EE(CONST.) & DE (CONST.)
 - SUFFICIENT SLOPE (1 IN 1000) SHALL BE PROVIDED AT BOTTOM OF CABLE TRENCH SO THAT RAIN WATER (IF ANY) ENTERS MAY BE COLLECTED AT ONE POINT AND DRAIN OF EASILY.
 - HOLES SHALL BE KEPT IN RCC WALL AT REQUIRED LOCATION FOR ENTRY OF CABLE OF EQUIPMENTS AS PER APPROVED ELECTRICAL LAYOUT.
 - INVERTED LEVEL OF BOTTOM OF CABLE TRENCH SHALL BE DECIDED BY EE(CIVIL) FOR DRAIN RAIN WATER CONSIDERING SURROUNDING TERRAIN.
 - REINFORCEMENT DETAILS OF 'PSC' COVER SHALL BE AS PER ITEM DESCRIPTION
 - ANCHOR FASTER BOLT OF SUFFICIENT CAPACITY MAY BE USED INSTEAD OF HOLDFAST GROUTED IN WALL. THIS SHALL BE DECIDED BY EE(CIVIL).
 - G.I. EARTHING STRIP 50X6MM TO BE LAID FOR ENTIRE LENGTH OF TRENCH & CONNECTED TO EARTHING PITS AT TWO ENDS.
 - IT IS TO BE ENSURED THAT TURNING ANGLE OF CABLE TRENCH SHALL NOT BE MORE THAN 50° IN ANY CASE.
 - PERFORMED CABLE TRAY IN SCOPE OF BIDDER.**
- SPECIAL NOTE**
- STRUCTURAL STEEL LIKE M.S.ANGLE, CHANNEL, PLATE ETC. SHALL BE HOT DIP GALVANIZED ALL THE WELDED JOINTS SHALL BE ALUMINUM PAINTED

1	MAIL OF SE(CIVIL), DATE.27.05.2026
SR NO.	REFERENCE

R0	FIRST PREPARATION
REV:	DESCRIPTION

CHECKED:	APPD:	SIZE:
JE(CIVIL)	DE(CIVIL)	EE(CIVIL)
SCALE:	DATE:	DRG. NO:
N.T.S	01.06.2026	GETCO / C / 2S-624/PCBLT-CROSS-018
1 OF 1	R0	

	GUJARAT ENERGY TRANSMISSION CORPN.LTD. S.P.VIDYUT BHAVAN, RACE COURSE, VADODARA - 390 007
FOR 220KV KANBHA-DEHGAM LINE	
SECTION OF 2X2 TIER - 4CKT 220KV 1CX1200SQ.MM XLPE POWER CABLE TRENCH & ROAD CROSSING AT 220KV KANBHA S/S	
CHECKED:	APPD:
JE(CIVIL)	DE(CIVIL)
SCALE:	DATE:
N.T.S	01.06.2026
GETCO / C / 2S-624/PCBLT-CROSS-018	1 OF 1