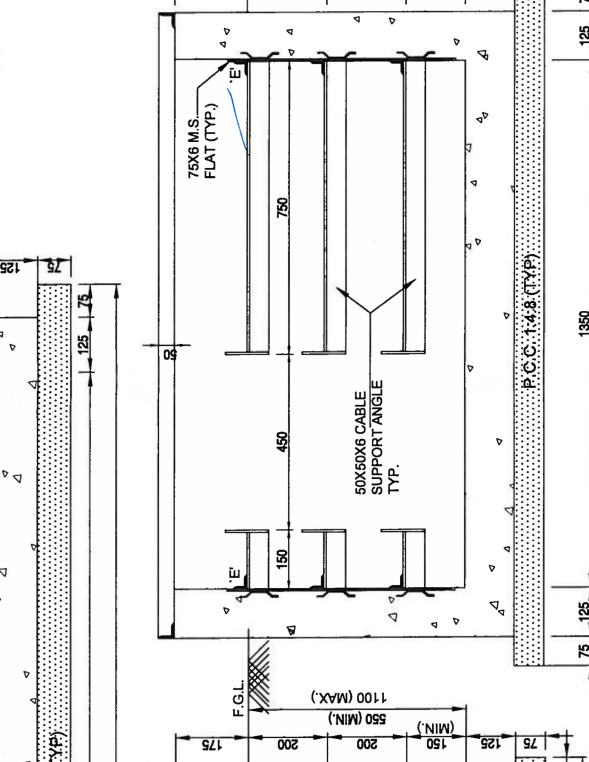


SECTION 3-3

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE. DO NOT SCALE THE DRAWING, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
 2. LAP LENGTH SHALL BE 47 TIMES DIA. OF BAR.
 3. PROVIDE CLEAR COVER TO REINFORCEMENT AS UNDER.
 - a) 25MM FOR INNER SIDE OF CABLE TRENCH.
 - b) 50MM FOR OUTER SIDE AND BOTTOM OF CABLE TRENCH OTHERWISE.
 4. ALL R.C.C. SHALL BE AS PER BPS ITEMS UNLESS NOTED OTHERWISE.
 5. LIFTING HOOK SHALL BE PROVIDED IN EVERY TENTH COVER SLAB.
 6. NECESSARY OPENINGS SHALL BE PROVIDED AT APPROPRIATE LOCATIONS TO TAKE OUT CABLES.
 7. FOR ACTUAL DEPTH OF TRENCHES REFER APPROVED CABLE TRENCH LAYOUT.
 8. F.G.L. DENOTES FINISHED GROUND LEVEL.
 9. ALL CABLE TRENCHES SHALL HAVE A SLOPE OF 1:1000 IN THE DIRECTION OF MAIN RUN AWAY FROM THE BUILDING.
 10. EARTHING CONDUCTOR 'E' 50x6 M.S. FLAT SHALL BE WELDED TO THE CABLE SUPPORTING STRUCTURE BEFORE INSTALLATION OF CABLE. EARTHING CONDUCTOR 'E' SHALL BE PROVIDED ON THE TOP TIER OF EACH CABLE TRENCH SECTION.
 11. ALL STEEL STRUCTURES PLATES SHALL BE PAINTED WITH ANTI-CORROSION PAINT TO AN EVEN SHADE TWO OR MORE COATS OVER A COAT OF SUITABLE STEEL PRIMER BEFORE INSTALLATION OF CABLES AND EARTHING CONDUCTOR SHALL BE PAINTED RED.
 12. CONSTRUCTION JOINT SHALL BE PROVIDED AT 30M OR AS PER SITE REQUIREMENT BUT NOT EXCEEDING 30M.
 13. ALL SUPPORT ANGLES SHALL BE 50x50x6.
 14. ANCHORING FLAT (75x6) SHALL BE PROVIDED AT EACH SUPPORT ANGLE POINT.
 15. INCREASE EXPANSIVE SOIL IS ENCOUNTERED AT FOUNDING LEVEL IT SHALL BE REMOVED TO A MINIMUM DEPTH OF 300 MM AND SHALL BE REPLACED BY WELL COMPACTED LOCALLY AVAILABLE C.M.S. MATERIAL OR LOCAL SAND.
 16. ALL REINFORCEMENT STEEL BARS SHALL BE TMT OR HYSD BARS CONFORM TO IS:1786-1985 OF GRADE Fe500

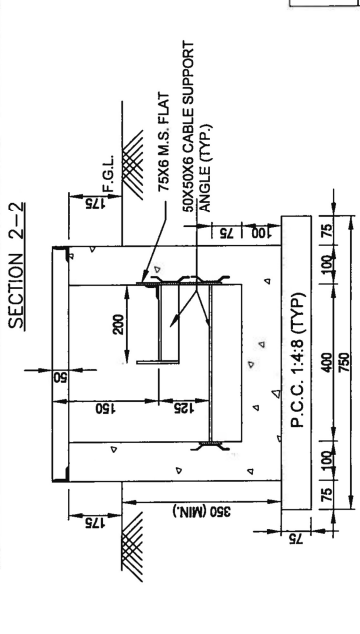
SECTION 2A-2A



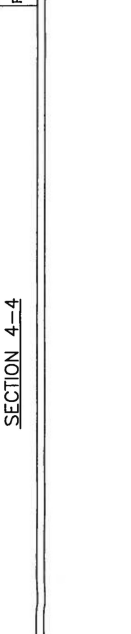
SECTION 2A-2A

FOR TENDER PURPOSE ONLY

SECTION 2-2



SECTION 4-4

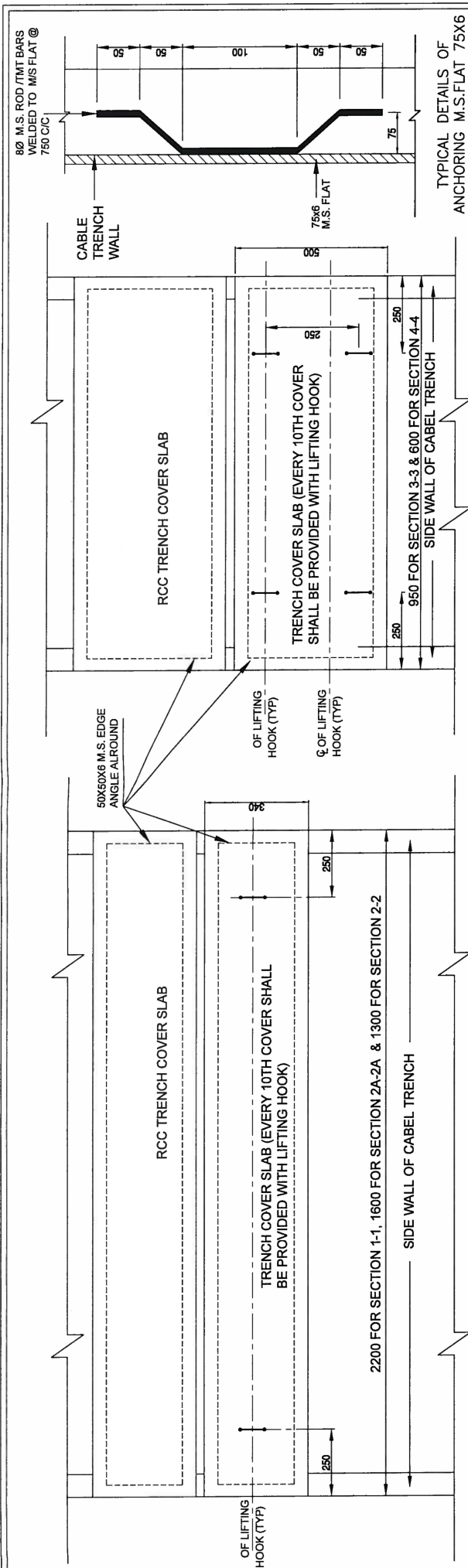


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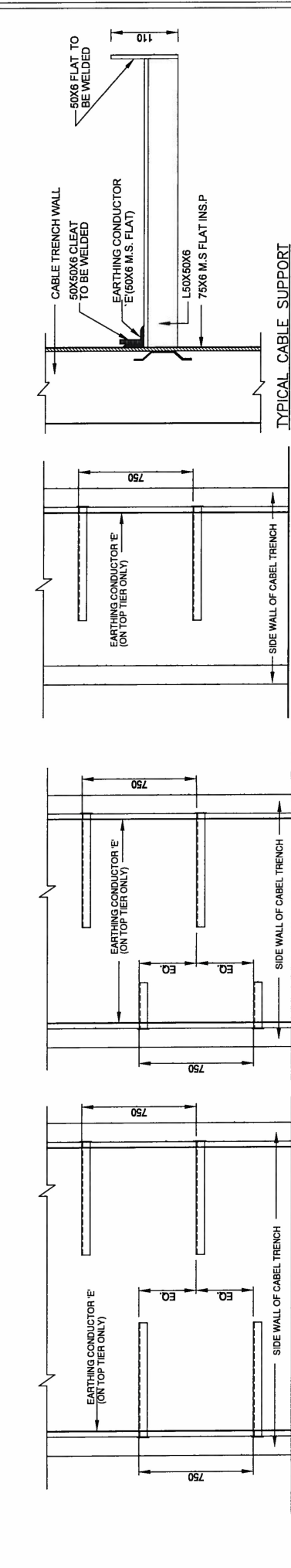
PROJECT: STANDARD CABLE TRENCH FOR SUBSTATION SWITCH YARD
 TITLE: DETAILS OF CABLE TRENCHES AND CABLE TRENCH ROAD CROSSING
 DRG. NO.: CIENGG/STD/2016/RCT/01 (Sheet 01 of 04) | SCALE: NTS

NOTE: THIS DRAWING SUPERCEDES STANDARD CABLE TRENCH DRAWINGS (DRG. NO.: CIENGG/STD/CT/01 TO 05)

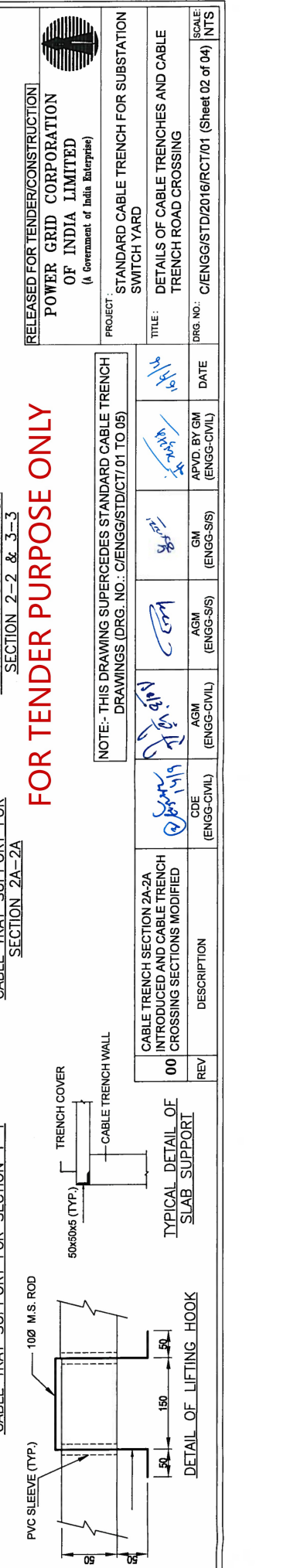
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|-----|---|--------------------|--------------------|--------------------|--------------------------|----------|
| 00 | CABLE TRENCH SECTION 2A-2A INTRODUCED AND CABLE TRENCH CROSSING SECTIONS MODIFIED | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | <i>[Signature]</i> | 16/11/19 |



RCC COVER PLAN FOR SECTION (1-1), (2-2) & (2A-2A)



CABLE TRAY SUPPORT FOR SECTION 1-1, 2-2 & 2A-2A



CABLE TRAY SUPPORT FOR SECTION 2-2 & 3-3

RELEASED FOR TENDER/CONSTRUCTION
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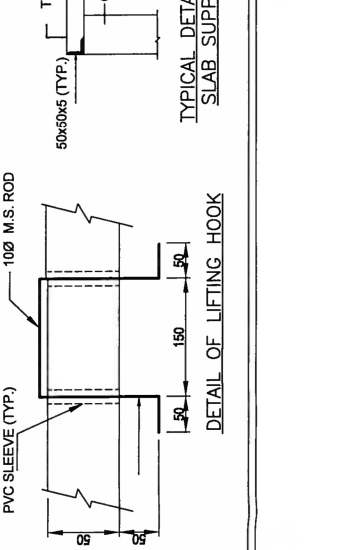
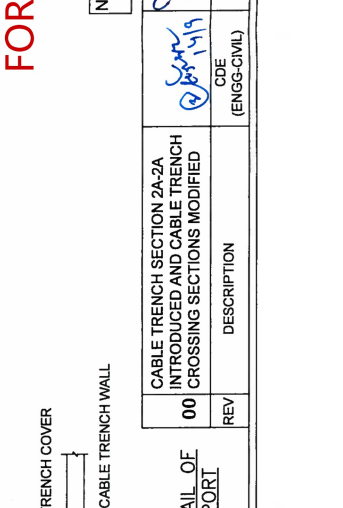
PROJECT: STANDARD CABLE TRENCH FOR SUBSTATION SWITCH YARD

TITLE: DETAILS OF CABLE TRENCHES AND CABLE TRENCH ROAD CROSSING

DRG. NO.: CIENGG/STD/2016/RCT/01 (Sheet 02 of 04) | NTS

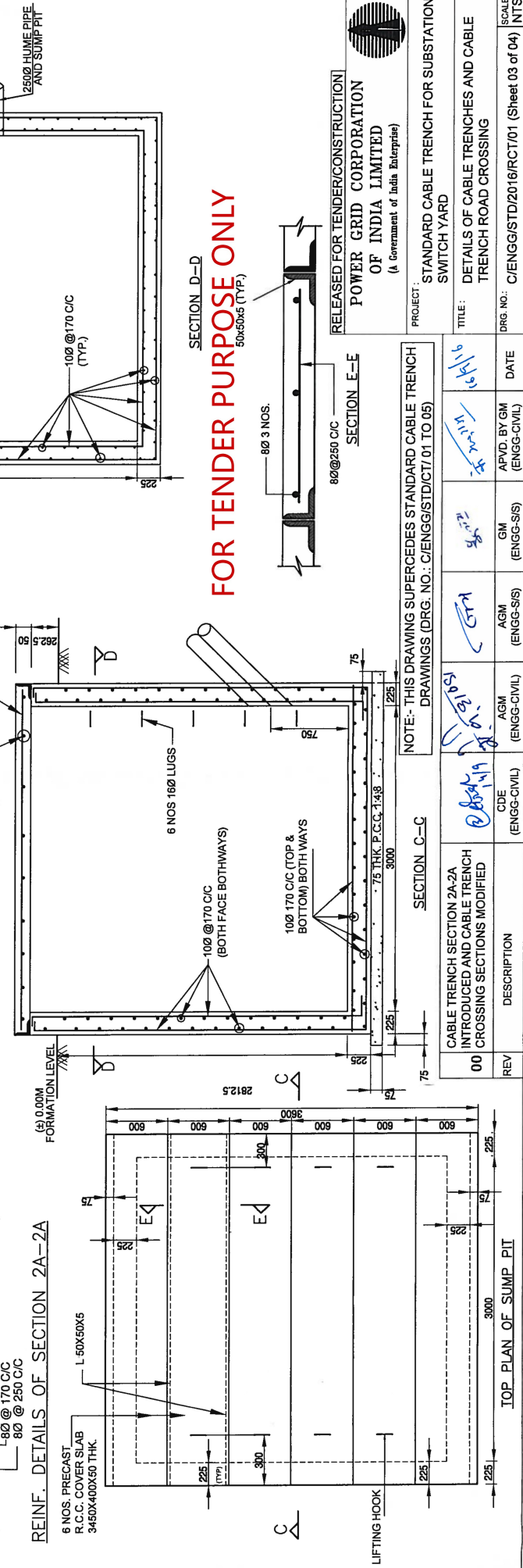
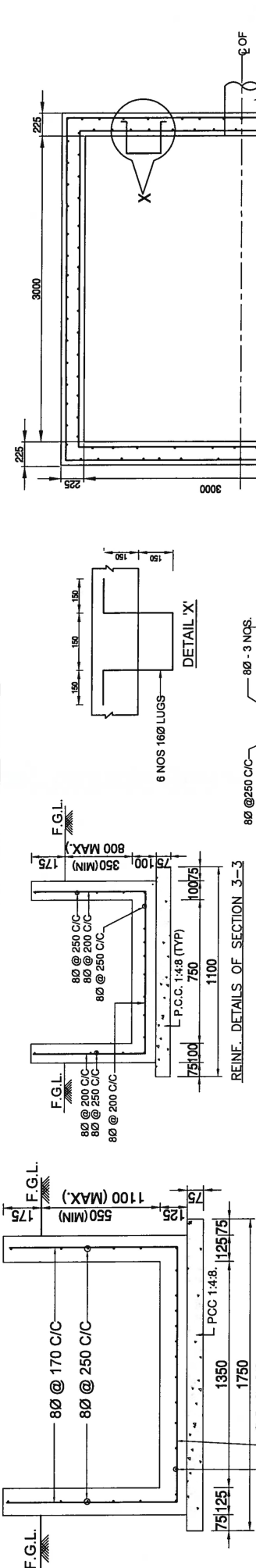
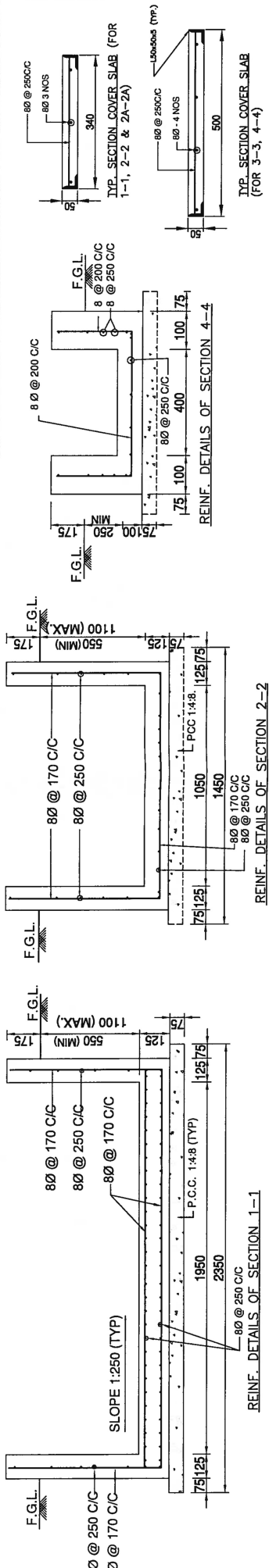
NOTE:- THIS DRAWING SUPERCEDES STANDARD CABLE TRENCH DRAWINGS (DRG. NO.: CIENGG/STD/CT/01 TO 05)

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| 00 | CABLE TRENCH SECTION 2A-2A INTRODUCED AND CABLE TRENCH CROSSING SECTIONS MODIFIED | 31/11/19 | [Signature] | [Signature] | [Signature] | [Signature] |



DETAIL OF LIFTING HOOK

FOR TENDER PURPOSE ONLY



FOR TENDER PURPOSE ONLY

RELEASED FOR TENDER/CONSTRUCTION

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

PROJECT: STANDARD CABLE TRENCH FOR SUBSTATION SWITCH YARD

TITLE: DETAILS OF CABLE TRENCHES AND CABLE TRENCH ROAD CROSSING

DRG. NO.: CI/ENGG/STD/2016/RCT/01 (Sheet 03 of 04)

SCALE: INTS

| REV | DESCRIPTION | AGM (ENGG-CIVIL) | AGM (ENGG-SIS) | GM (ENGG-SIS) | APVD. BY GM (ENGG-CIVIL) | DATE |
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| REV | DESCRIPTION | CDE (ENGG-CIVIL) |
|-----|---|--------------------|
| 00 | CABLE TRENCH SECTION 2A-2A INTRODUCED AND CABLE TRENCH CROSSING SECTIONS MODIFIED | <i>[Signature]</i> |