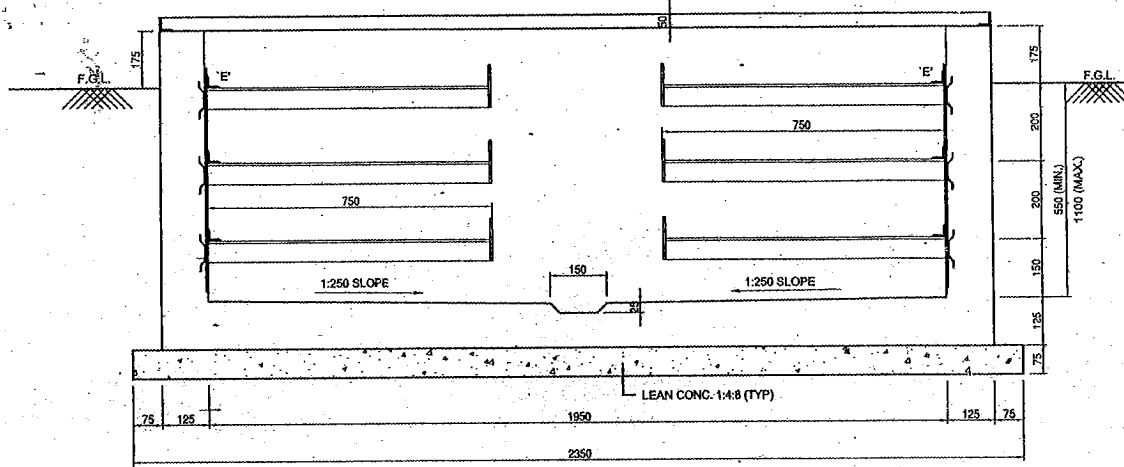
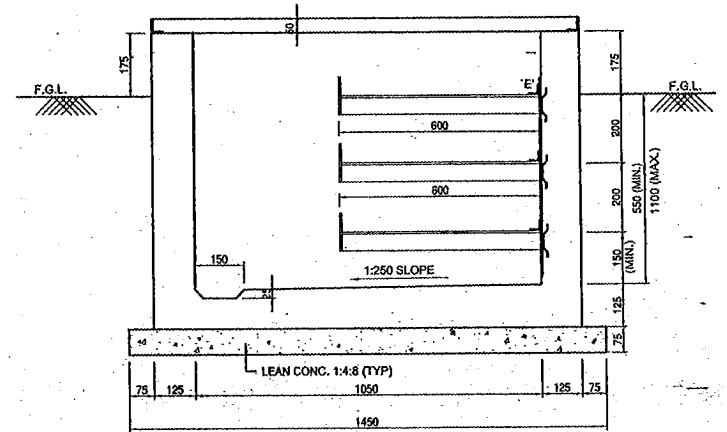
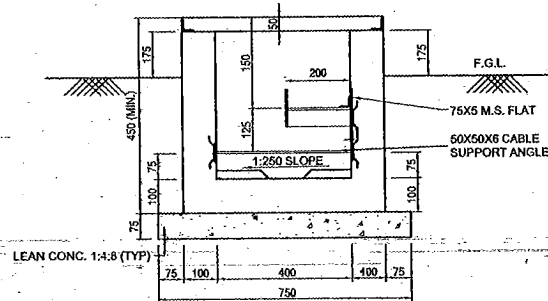




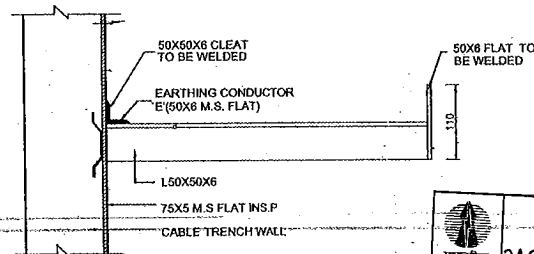
SECTION 1-1



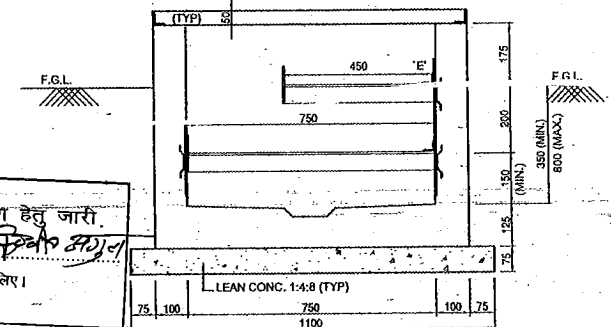
SECTION 2-2



SECTION 4-4



TYPICAL CABLE SUPPORT



SECTION 3-3

NOTE:

1. INCASE EXPANSIVE SOIL IS ENCOUNTERED AT FLOOR SLAB LEVEL OF TRENCH, SAME SHALL BE REMOVED AND TO BE REPLACED BY GOOD EARTH/SAND TO A MINIMUM DEPTH OF 300MM
2. IF EXCAVATED EARTH IS EXPANSIVE IN NATURE, IT SHALL NOT BE USED FOR BACKFILLING.
3. WEIGHT OF EARTHING CONDUCTOR IS NOT TO BE CONSIDERED AS EMBEDMENT AS THE SAME IS COVERED UNDER EARTHING SCOPE

APPROVED BY ED (ENGG) ON 02.05.2005 VIDE NOTE
SHEET REF. NO. C/ENGG/CIV/SIG-S/S DTD 30.03.2005

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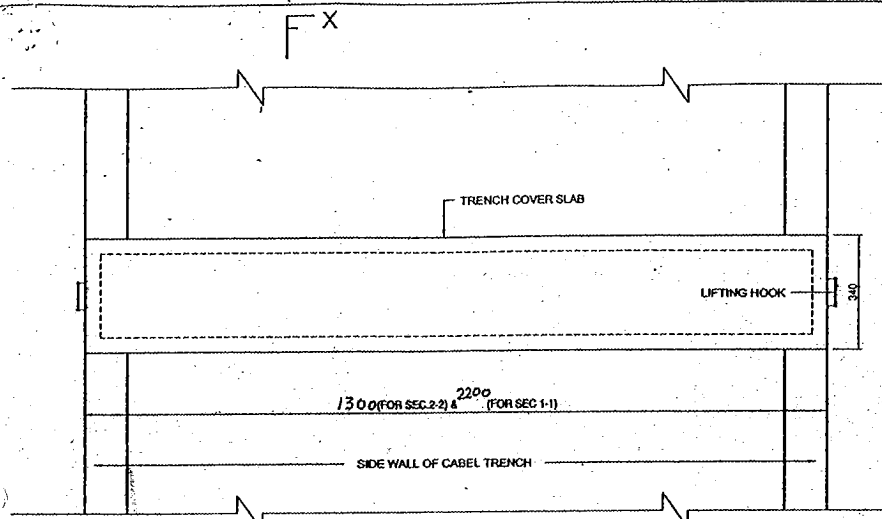


PROJECT: STANDARD DRAWING FOR
CABLE TRENCH

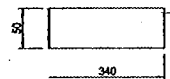
TITLE: DETAIL FOR CABLE
TRENCH SECTIONS.

REV.	DESCRIPTION	CIVIL	REVD	ELECT	APPD	DATE
0	RELEASED FOR TENDER & CONSTRUCTION.					

SCALE: MTS DRAWING NO. C/ENGG/STD/CT-1 (SHEET NO. 1 OF 2) REV R-0



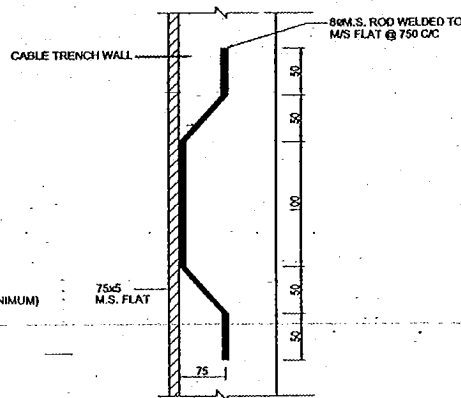
**DETAIL OF TRENCH COVER SLAB
FOR SECTION (1-1) & (2-2)**



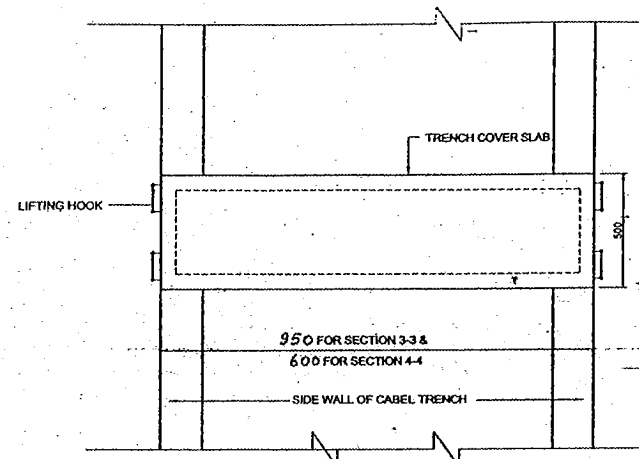
SECTION X-X

NOTE:

- ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE SPECIFIED.
- DO NOT SCALE THE DRG. FOLLOW WRITTEN DIMENSION ONLY.
- R.C.C. MIX SHALL BE 1:1.5:3 (CEMENT:1.5 COARSE SAND:3 STONE AGGREGATE) 20MM NOMINAL SIZE.
- LEAN CONC. SHALL BE 1:4:8.
- CLEAR COVER FOR BOTTOM SLAB REINF. ON TOP SIDE IS 25mm.
- LIFTING HOOK ARE TO BE PROVIDED IN EVERY TENTH SLAB.
- NECESSARY OPENING SHALL BE PROVIDED AT APPROPRIATE LOCATION TO TAKE OUT CABLES.
- FOR ACTUAL DEPTH OF TRENCHES REFER CABLE TRENCH LAYOUT.
- F.G.L. DENOTES FINISHED GRADED LEVEL (FORMATION LEVEL).
- F.G.L. TO BE TAKEN FROM LAYOUT DRG.
- A SLOPE OF 1:250 SHALL BE GIVEN IN THE DIRECTION PERPENDICULAR TO THE RUN OF THE TRENCH FOR ALL SECTIONS.
- ALL CABLE TRENCHES SHALL BE GIVEN A SLOPE OF 1:1000 IN THE DIRECTION OF MAIN RUN AWAY FROM THE BLDG.
- EARTHING CONDUCTOR 'E' 50x6 M.S. FLAT WOULD BE WELDED ON THE CABLE SUPPORTING STRUCTURES BEFORE INSTALLATION OF CABLE.
- ALL STEEL STRUCTURE PLATES WOULD BE PAINTED WITH NON CORROSIVE PAINT ON A SUITABLE PRIMER BEFORE INSTALLATION OF CABLES. EARTHING CONDUCTOR WOULD HAVE RED PAINT.
- TRENCH WALL SHALL CLEAR THE EQUIPMENT FOUNDATION BY 100mm (MINIMUM)
- NECESSARY CONSTRUCTION JOINT SHALL BE PROVIDED AT EVERY 30M. MIN OR AS PER SITE REQUIREMENT.
- 40mm CLEAR COVER FOR WALL AND BOTTOM SLAB REINFORCEMENT WHICH IS TOWARDS EARTH SIDE SHALL BE PROVIDED.
- ALL SUPPORT ANGLE SHALL BE 150X50X6.
- ANCHORING FLAT (75X5mm) SHALL BE PROVIDED AT EACH SUPPORT ANGLE POINT.
- EARTHING CONDUCTOR MKD. 'E' SHALL BE PROVIDED ON THE TOP TIER OF EACH CABLE TRENCH SECTIONS.
- TRENCH WALL SHALL CLEAR THE TOWER FOUNDATION BY 1000mm (MIN.)

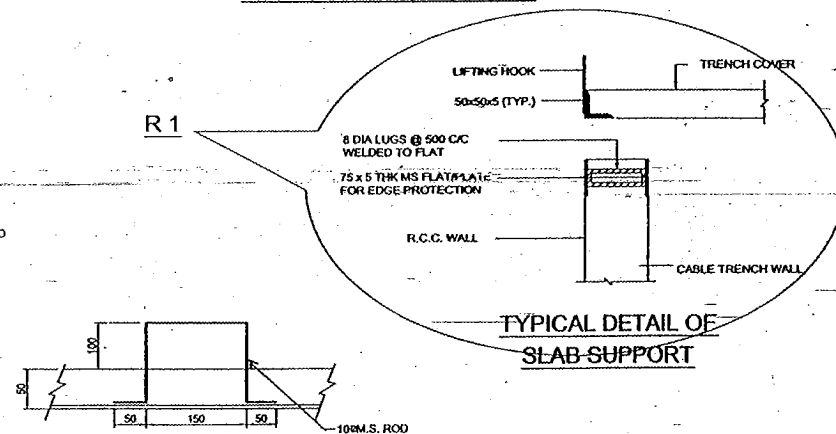


**TYPICAL DETAIL OF ANCHORING
75X5 M.S. FLAT**



**DETAIL OF TRENCH COVER SLAB
FOR SECTION (3-3) & (4-4)**

R1



**TYPICAL DETAIL OF
SLAB SUPPORT**

**DETAIL OF LIFTING HOOK
FOR SECTION 1-1 & 2-2**

1	REVISED AS MARKED 'RT'	PREP.	REV'D	REV'D	APPD	DATE
0	RELEASED FOR TENDER & CONSTRUCTION.					
REV.	DESCRIPTION					

APPROVED BY ED (ENGG) ON 02.05.2005 VIDE NOTE
SHEET REF. NO. C/ENGG/CMV/S&S/STD 30.03.2005

**POWER GRID CORPORATION
OF INDIA LIMITED**
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PROJECT: **STANDARD DRAWING FOR
CABLE TRENCH**

TITLE: **DETAIL FOR CABLE
TRENCH SECTIONS.**

SCALE: **MTS** DRAWING NO. **C/ENGG/STD/CT-1** SHEET NO. **2** OF **2** REV **R-1**

