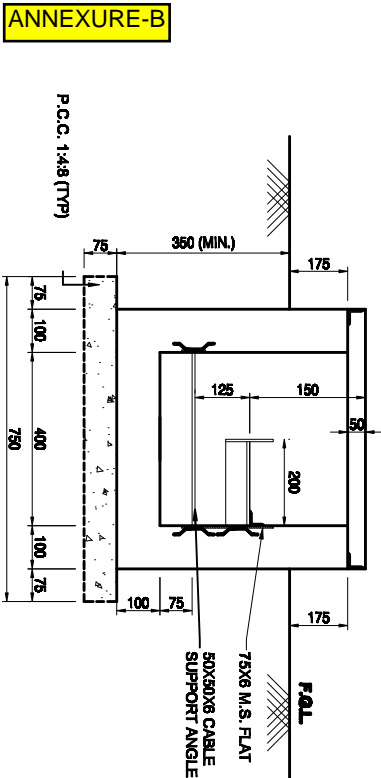
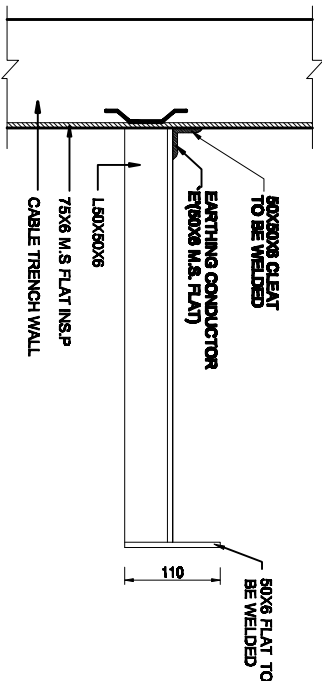


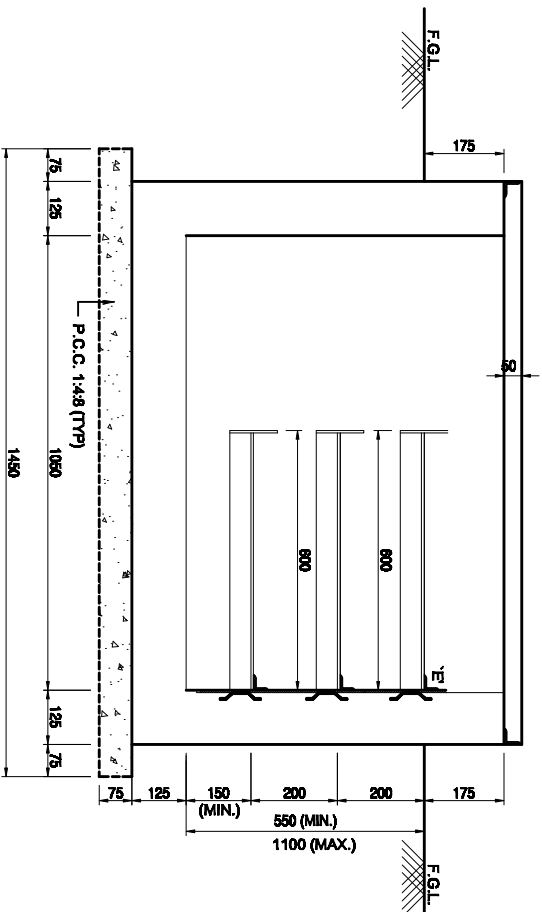
SECTION 1-1



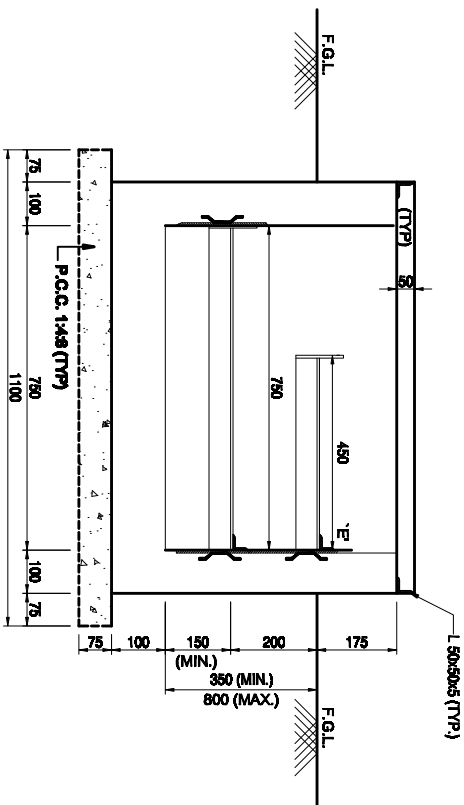
SECTION 4-4



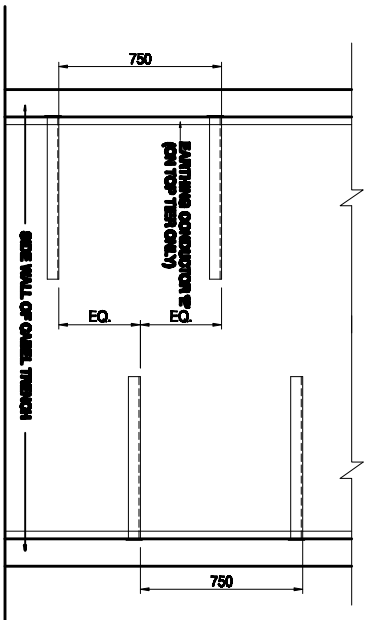
TYPICAL CABLE SUPPORT



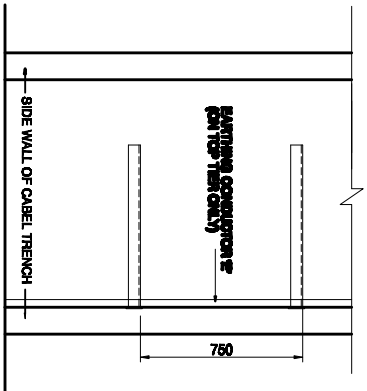
SECTION 2-2



SECTION 3-3



PLAN
CABLE TRAY SUPPORT FOR SECTION 1-1



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

APPROVED BY E.D.ENG-G-S/Sm & T/L WIDE NOTE SHEET
Ref:- C/ENG-G/CIVIL/STD/FDN/M25 Dated 09/02/2012

PREP.	REV.D.	REV.D.	REV.D.	REV.D.	APP.D.	DATE
DRAWING NO:	C/ENG-G/STD/M25/CT/01					
SCALE	N.T.S.	Sheet	1			

General Notes

1. ALL DIMENSIONS ARE IN MM. UNLESS NOTED OTHERWISE.
2. DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
3. LAP LENGTH SHALL BE 47 TIMES DIA OF BAR.
4. PROVIDE CLEAR COVER TO REIN. AS UNDER.
* 25mm FOR TOP SIDE OF BOTTOM SLAB.
* 50mm FOR OUTER SIDE OF WALL
5. ALL R.C.C. SHALL BE OF GRADE M25 UNLESS NOTED OTHERWISE.
6. LIFTING HOOK SHALL BE PROVIDED IN EVERY TENTH COVER SLAB.
7. NECESSARY OPENINGS SHALL BE PROVIDED AT APPROPRIATE LOCATIONS TO TAKE OUT CABLES.
8. FOR ACTUAL DEPTH OF TRENCHES REFER APPROVED CABLE TRENCH LAYOUT
9. F.G.L. DENOTES FINISHED GROUND LEVEL.
10. ALL CABLE TRENCHES SHALL HAVE A SLOPE OF 1:1000 IN THE DIRECTION OF MAIN RUN AWAY FROM THE BUILDING.
11. EARTHING CONDUCTOR 'E' 50x6 M.S. FLAT SHALL BE WELDED TO THE CABLE SUPPORTING STRUCTURE BEFORE INSTALLATION OF CABLE
12. ALL STEEL STRUCTURES PLATES SHALL BE PAINTED WITH ANTI-CORROSION PAINT OVER A COAT OF SUITABLE PRIMER BEFORE INSTALLATION OF CABLES. EARTHING CONDUCTOR SHALL BE PAINTED RED.
13. CONSTRUCTION JOINT SHALL BE PROVIDED AT 30M OR AS PER SITE REQUIREMENT BUT NOT EXCEEDING 30M.
14. ALL SUPPORT ANGLES SHALL BE 50x50x6
15. ANCHORING FLAT (75x6) SHALL BE PROVIDED AT EACH SUPPORT ANGLE POINT.
16. EARTHING CONDUCTOR 'E' SHALL BE PROVIDED ON THE TOP TIER OF EACH CABLE TRENCH SECTION.
17. IN CASE 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.N.S. MATERIAL
18. ALL REINFORCEMENT STEEL BARS (Φ) SHALL CONFORM TO IS:1786-1985 OF GRADE Fe500

1.	R0	03/02/2012
No.	Revision/Issue	Date

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



PROJECT:
STANDARD CABLE TRENCHES
TITLE: DETAILS OF CABLE TRENCH
SECTIONS