

CONCRETE BASE, CONTROLLER CABINET

NOTES

- I, INSTALL FOUR ¾ INCH DIAMETER X 12 INCH MINIMUM LENGTH APPROVED J-BOLTS TO ANCHOR THE CABINET BASES, THE ANCHOR BOLTS SHALL BE GALYAMIZED SEELE AND LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.
- CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL, PRIOR TO CABINET INSTALLATION, LEVELING OF TOP SURFACES AFTER CONCRETE BASE HAS CURED SHALL ONLY BE ACCOMPLISHED BY GRINDING.
- 3. MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.
- 4. CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM, CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.
- 5. CONCRETE MAINTENANCE PLATFORM AND CABINET FOUNDATION FOR CABINET SHALL BE A MONOLITHIC FOUR.
- WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.
- 7. CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 3 INCH.
- 8. MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.
- 9. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.
- CAP ALL SELOW GRADE MEYALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
- 11. PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
- 12. ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF MORMETALLIC DAMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POUNED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.
- 13. ALL METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE BUSHENGS AND ALL NON METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE END BELLS.

ITS-48

USER NAME = \$USER\$ DESIGNED REVISED DRAWN REVISED PLOT SCALE = \$SCALE\$ CHECKED REVISED PLOT DATE = \$DATE\$ DATE REVISED

FILE NAME =

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC CABLE INSTALLATION CONCRETE FOUNDATION, TYPE 1 DETAIL (FOR CABINET, MODEL 334) SCALE: 1"=50" SHEET NO. 16 OF 16 SHEETS STA.

TOTAL SHEET SHEETS NO. SECTION COUNTY 631 375 2012-059-BR соок CONTRACT NO. 60J12