

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 3-INCHES.

DEPTH OF CONDUIT SHALL BE 24-INCHES MINIMUM AND 36-INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROLLER 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.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC, IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS PLACED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

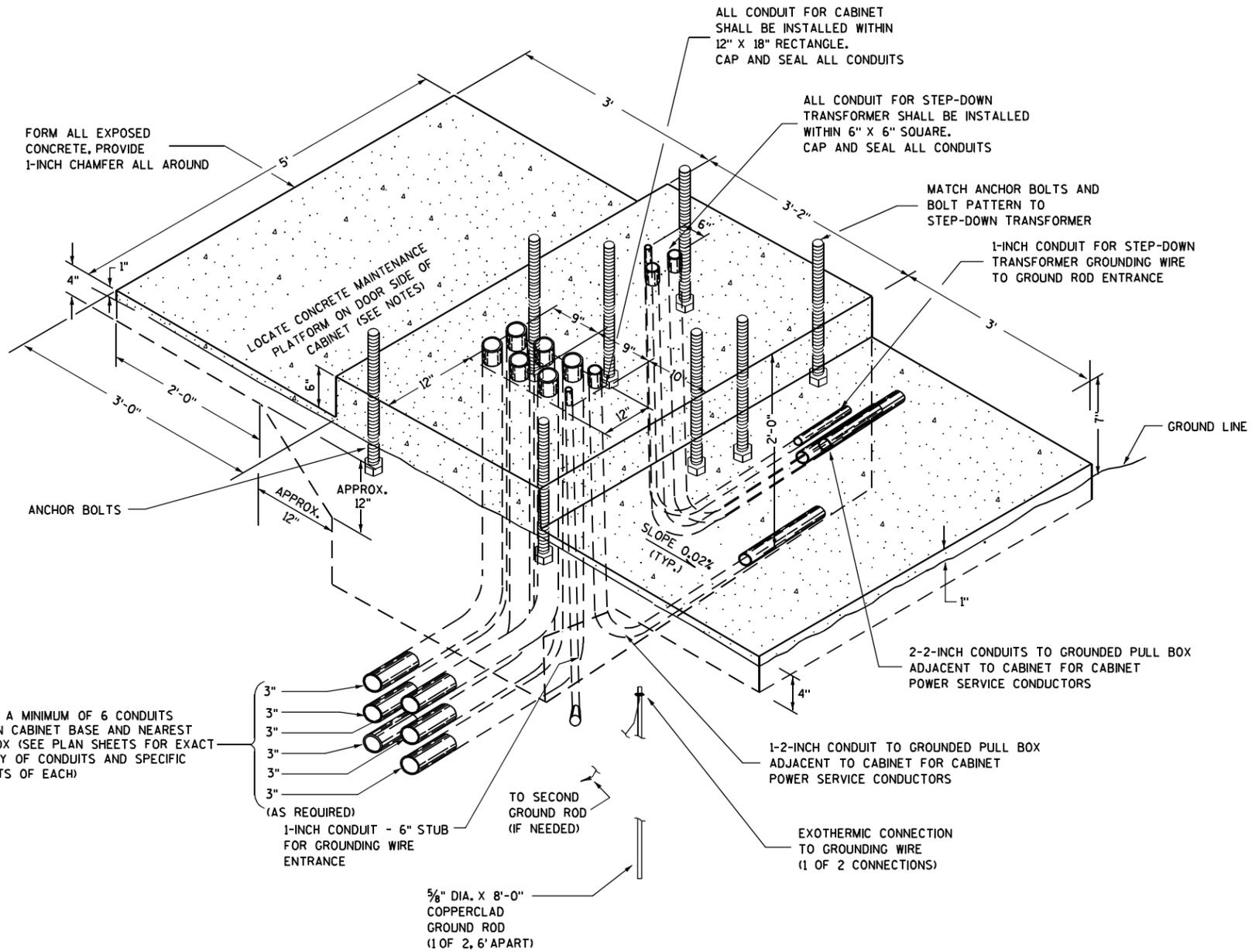
CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6-INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

ALL METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE BUSHINGS IF WIRE IS INSTALLED.

ALL NONMETALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE END BELLS IF WIRE IS INSTALLED.

ANCHOR BOLTS TO ANCHOR THE FIELD CABINET TO THE CABINET BASE WILL BE STATE FURNISHED WITH THE FIELD CABINET.

CONFIRM BOLT PATTERN OF CABINET PRIOR TO CONSTRUCTION OF CONCRETE BASE.



INSTALL A MINIMUM OF 6 CONDUITS BETWEEN CABINET BASE AND NEAREST PULL BOX (SEE PLAN SHEETS FOR EXACT QUANTITY OF CONDUITS AND SPECIFIC CONTENTS OF EACH)

3"
3"
3"
3"
3"
3"
(AS REQUIRED)
1-INCH CONDUIT - 6" STUB FOR GROUNDING WIRE ENTRANCE

5/8" DIA. X 8'-0" COPPERCLAD GROUND ROD (1 OF 2, 6' APART)

TO SECOND GROUND ROD (IF NEEDED)

EXOTHERMIC CONNECTION TO GROUNDING WIRE (1 OF 2 CONNECTIONS)

1-2-INCH CONDUIT TO GROUNDED PULL BOX ADJACENT TO CABINET FOR CABINET POWER SERVICE CONDUCTORS

2-2-INCH CONDUITS TO GROUNDED PULL BOX ADJACENT TO CABINET FOR CABINET POWER SERVICE CONDUCTORS

FORM ALL EXPOSED CONCRETE, PROVIDE 1-INCH CHAMFER ALL AROUND

LOCATE CONCRETE MAINTENANCE PLATFORM ON DOOR SIDE OF CABINET (SEE NOTES)

ALL CONDUIT FOR CABINET SHALL BE INSTALLED WITHIN 12" X 18" RECTANGLE. CAP AND SEAL ALL CONDUITS

ALL CONDUIT FOR STEP-DOWN TRANSFORMER SHALL BE INSTALLED WITHIN 6" X 6" SQUARE. CAP AND SEAL ALL CONDUITS

MATCH ANCHOR BOLTS AND BOLT PATTERN TO STEP-DOWN TRANSFORMER

1-INCH CONDUIT FOR STEP-DOWN TRANSFORMER GROUNDING WIRE TO GROUND ROD ENTRANCE

GROUND LINE

BASE ITS CONTROLLER CABINET SPECIAL

BASE ITS CONTROLLER CABINET SPECIAL	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
DATE	STATE TRAFFIC ENGINEER
FHWA	

DRAFT
1-9-09

6

6

S.D.D. NUMBER

S.D.D. NUMBER