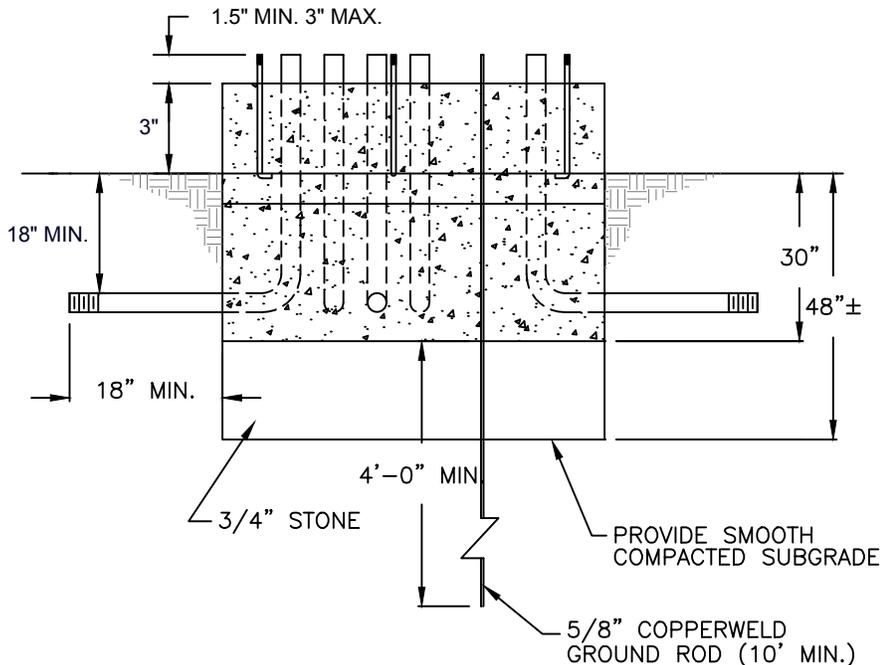


CONTROLLER CABINET PLAN



CONTROLLER CABINET SECTION

NOTES:

1. UNUSED STUBS WILL BE THREADED AND CAPPED WITH THREADED METAL PIPE CAPS.
2. ALL USED STUBS WILL HAVE METAL GROUNDING BUSHING WITH #6 WIRE.
3. MINIMUM CLEARANCE BETWEEN CONDUITS WILL BE 2".
4. MINIMUM CLEARANCE FROM SIDES WILL BE 10"
5. UNUSED STUBS WILL EXTEND OUT BEYOND THE BASE NOT LESS THAN 18".
6. ALL STUBS EXTENDING UP TO THE SURFACE OF THE BASE SHALL NOT BE LESS THAN 1.5" AND NOT BE MORE THAN 3" ABOVE THE SURFACE OF THE BASE.
7. PIPES AND CAPS SHALL BE IN PLACE WITH AN APPROVED TIE BAR BEFORE THE BASE IS POURED.
8. ALL STUBS EXTENDING ABOVE AND BELOW THE BASE SHALL HAVE THE PIPES CAPPED BEFORE POURING THE BASE, EXCEPT WHERE THE PIPE STUB IS TO BE USED. THOSE STUBS USED SHALL BE CONNECTED TO THE CONDUIT NETWORK AND CAPPED ON THE ENDS EXTENDING UP TO THE SURFACE OF THE BASE BEFORE THE BASE IS POURED.
9. EXPOSED CONCRETE SURFACES SHALL BE CURED USING WHITE-PIGMENTED CURING COMPOUND OR PLASTIC FILM MEETING THE REQUIREMENTS OF SECTIONS 4105 AND 4106 OF IOWA D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION.
10. CONDUIT CONNECTED TO THE CONDUIT SYSTEM SHALL BE CONNECTED BY A THREADED COUPLING SUCH AS THAT SUPPLIED WITH CONDUIT. NO SET SCREW TYPE CONNECTOR WILL BE ALLOWED.
11. PROVIDE (2) 2" RIGID STEEL CONDUIT STUBS FOR FUTURE USE.

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CEDAR RAPIDS METROPOLITAN AREA
STANDARD DETAILS FOR PUBLIC IMPROVEMENTS

CONTROLLER CABINET BASE

NO.
16570-010