

**SIDE VIEW  
F-4A FOUNDATION FOR PEDESTAL POLES**

ALL STEEL IS EPOXY COATED NO 4 WITH A MINIMUM 3" CLEARANCE TO ANY EDGE OF CONCRETE

**CABINET PAD**

BOTH 4'-2" X 4' X 4" CONCRETE PADS SHALL BE LEVEL IN BOTH DIRECTIONS.

**GROUNDING**

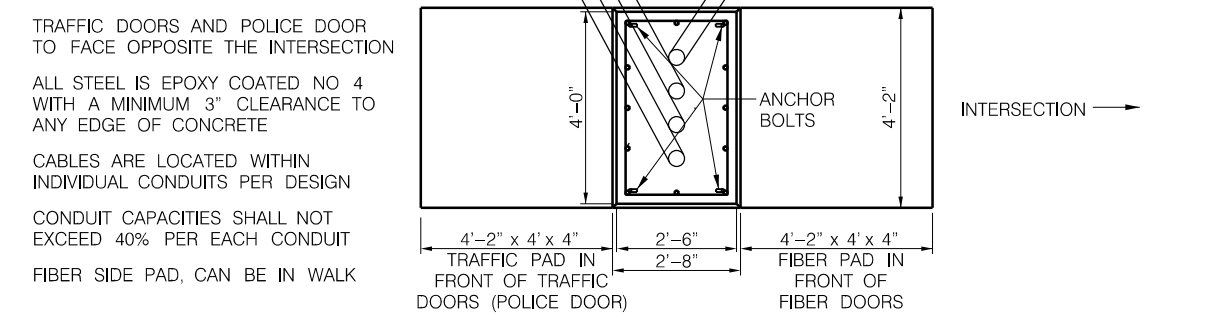
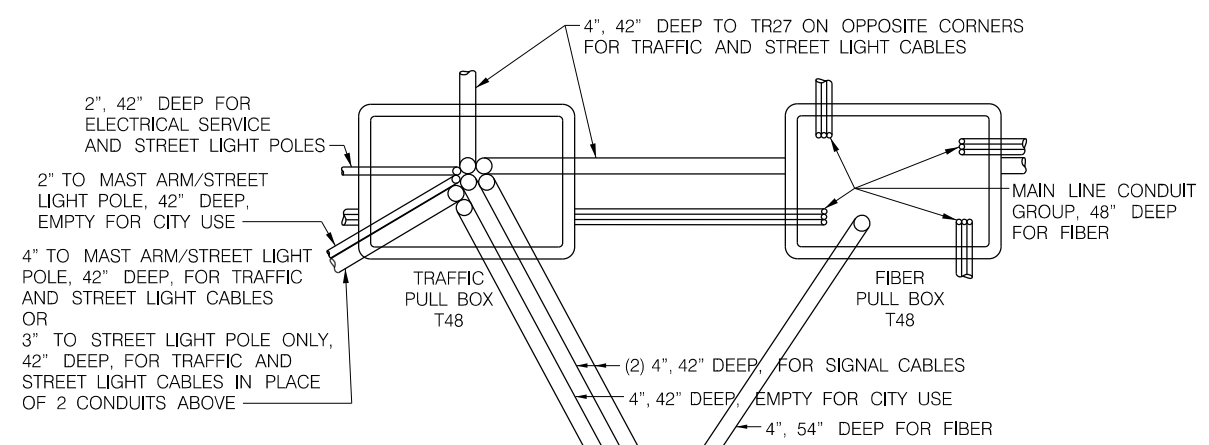
THE GROUND ROD FOR THE B-4 AND F-4A CONTROLLER BASE SHALL BE INSTALLED IN THE PULL BOX NEAREST THE CONTROLLER. (1) NO 8 USE CABLE SHALL BE INSTALLED BETWEEN THE CONTROLLER AND THE GROUND ROD. THE CONTRACTOR SHALL BOND THE CABLES AT THE GROUND ROD AND IN THE CABINET. THE GROUND ROD FOR THE F-8 AND F-4A FOUNDATION SHALL BE LOCATED 2' FROM THE EDGE OF THE FOUNDATION AND THE TOP OF THE GROUND ROD SHALL BE 1' BELOW THE FINISHED GRADE. UNDER NO CIRCUMSTANCES SHALL THE GROUND ROD BE INSTALLED WITHIN THE CABINET BASE OR POLE FOUNDATION.

**CONDUIT BENDS**

90 DEGREE FACTORY SWEEPS, WITH A 48" RADIUS, SHALL BE USED IN CONTROLLER BASES, THE HOME RUN PULL BOX (FIRST ELECTRICAL PULL BOX TO THE CABINET) AND IN FIBER PULL BOXES; IN ALL OTHER CASES, 90 DEGREE BENDS, WITH A MINIMUM 16" RADIUS SHALL BE USED.

**ANCHOR BOLT PROTRUSION**

THE BOLT PROTRUSION SHOWN IN THE TABLE BELOW SHALL BE FROM THE HIGHEST CORNER BOLT AND THE OTHER BOLTS SHALL BE LEVEL TO THE BOLT TOPS FROM THAT BOLT.



**TOP VIEW OF B-4 BASE  
FOR CABINET, SIGNAL PAD**

**SIDE VIEW OF B-4 BASE  
FOR CABINET, SIGNAL PAD**

ANCHOR BOLT INFORMATION		
	CABINET	PEDESTAL
ANCHOR BOLT SIZE	3/4" x 18" x 3"	3/4" x 18" x 3"
BOLT CIRCLE	-	13"
BOLT PROTRUSION	1 1/2"	3"
THREAD LENGTH	3 5/8"	3 5/8"



EFFECTIVE DATE MARCH 22, 2017

**FOUNDATIONS AND BASES**