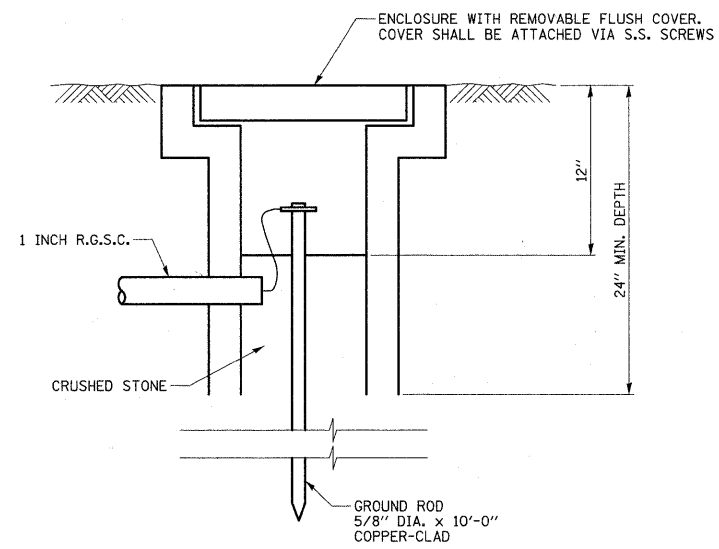
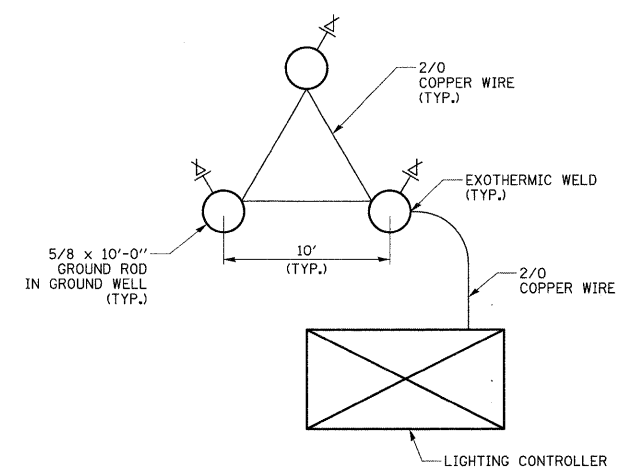


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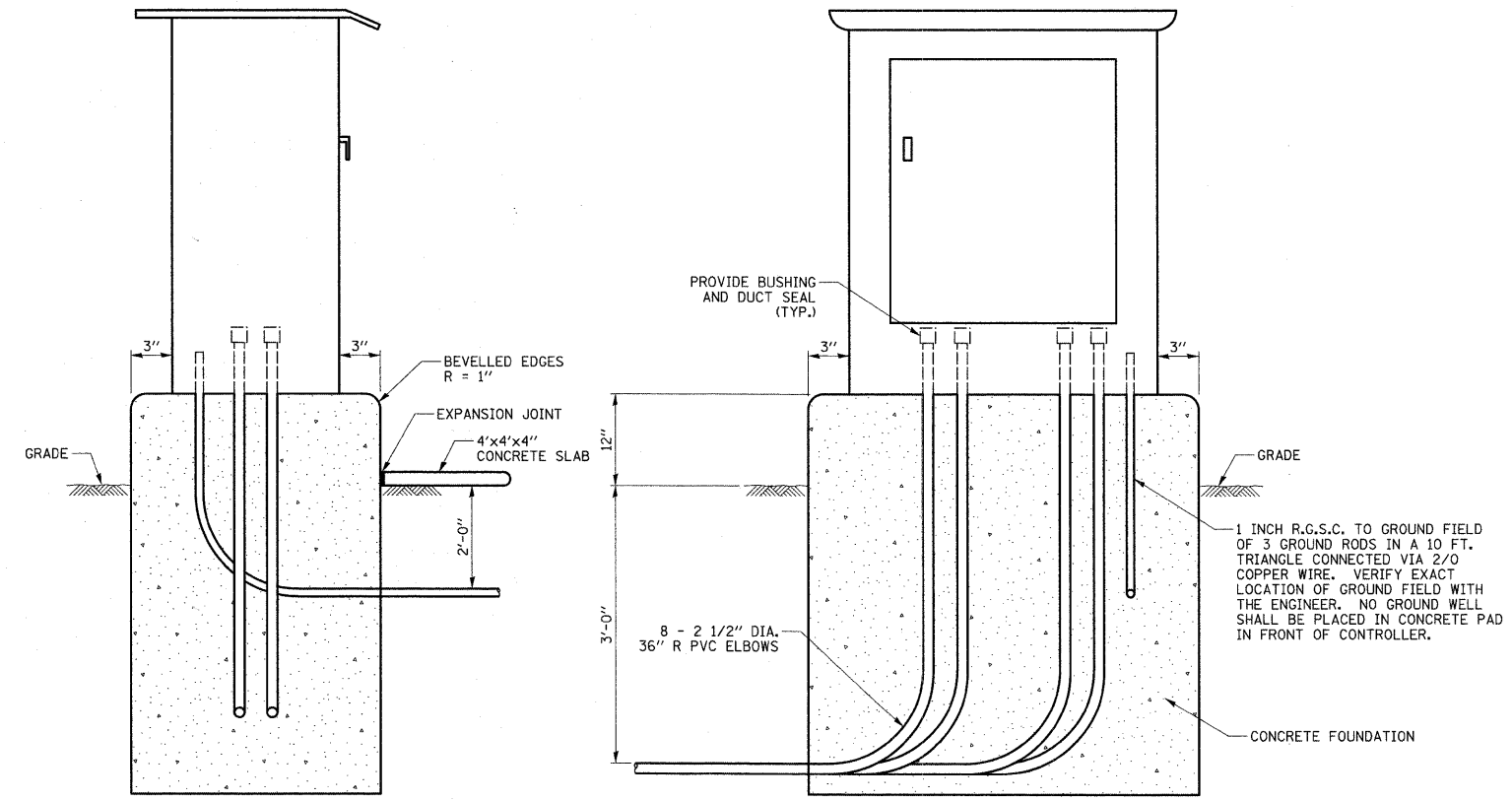
LEFT SIDE ELEVATION



GROUND FIELD DETAIL

GENERAL NOTES:

- COORDINATE PLACEMENT OF RACEWAYS WITH CONTROLLER MANUFACTURER TO ASSURE DOOR LATCH DOES NOT INTERFERE WITH CABLES OR OTHER DEVICES.
- THE CONTRACTOR SHALL PROVIDE A GROUND FIELD AT CABINET LOCATION. THE GROUND RODS, ANCHOR BOLTS AND REINFORCEMENT STEEL SHALL ALL BE INTERCONNECTED.
- GROUND FIELD INSTALLATION AT CONTROLLER LOCATION, INCLUDING ALL LABOR AND MATERIAL SHALL BE CONSIDERED INCLUDED IN THE LIGHTING CONTROLLER PAY ITEM. NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL VERIFY EXACT LOCATION GROUND FIELD WITH THE ENGINEER.
- CABINET SHALL BE FABRICATED FROM 0.125 INCH SHEET ALUMINUM #3003H14 FORMED AND ARC WELDED ASSEMBLY.
- ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
- NAME PLATE SHALL HAVE ENGRAVED 0.75 INCH HIGH LETTERS FILLED IN BLACK: "LAKE COUNTY FOREST PRESERVE DISTRICT LIGHTING CONTROLS" UNLESS OTHERWISE SPECIFIED.
- ONE INCH THICK POLYISOCYANURATE INSULATION SHALL BE INSTALLED AND PERMANENTLY CEMENTED ON ALL SIDES OF THE CABINET AND DOORS.
- CABINET SHALL BE PRIMED AND PAINTED AS SPECIFIED.
- METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75 INCHES I.D. ON 4 SIDES.
- ALL DEVICES SHALL BE FRONT REMOVABLE.
- ALL LUGS SHALL BE OF COPPER SCREWS AND CONNECTORS, SPRING HELD.
- ALL CONTROL WIRING SHALL BE 600V TYPE RHH-2.
- ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
- CIRCUIT BREAKERS, CONTACTOR AND OTHER COMPONENTS SHALL BE PANEL MOUNTED ON 0.125 INCH THICK GLASTIC INSULATION BACK PANEL.
- THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508.
- ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.
- SEE LIGHTING CONTROLLER WIRING DIAGRAM FOR WIRING SCHEMATIC.



LEFT SIDE ELEVATION

RIGHT SIDE ELEVATION

LIGHTING CONTROLLER CABINET AND FOUNDATION

USER NAME = jrr	DESIGNED - PK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAIL FORT HILL TRAIL BIKE PATH UNDERPASS	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME J:\2130\Phase 2\load\sheet\06 LIGHTING\2130_Light_Details	DRAWN - JRR	REVISED -			3602	08-F3000-07-BT	LAKE	60	12
PLOT SCALE 1.0000' / 1" =	CHECKED - RTM	REVISED -			CONTRACT NO. 63422				
PLOT DATE = 12/15/2010	DATE - 12/17/2010	REVISED -			SHEET NO. 2 OF 3 SHEETS			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	