

USE: Customer
provided and
installed J-2 base

EXCAVATION AND DUCT PLACEMENT FOR THREE PHASE JUNCTION CABINET (J2)



NOTES:



1. The junction cabinet base is an integral part of the cabinet and shall be provided, installed and backfilled by the Customer. Approved bases must be utilized.

Armorcast Cat. No. A6001475

CDR Systems Group Cat. No. EFBG-206118-1055H-456

Cooper Power Systems Cat. No. 450LOOK03G



Highline Products Cat. No. FGS601818AA-99

Hubbell Cat. No. BG2061181055601

2. Excavation for installation of box pad shall be 77" x 36" x 16" deep. Soil shall be compacted and level prior to box pad placement.
3. Customer to provide and install 4 inch duct and four- 36" x 90 degree radius PVC duct sweeps as depicted on the construction drawing provided by Design Services. Future ducts are to be extended one foot beyond the concrete encasement to allow for future attachment.
4. Front of the cabinet is identified as the side from which the cabinet will open and will be indicated on the construction drawing. Refer to the construction drawing for the direction of conduit placement.
5. See SR-209 for trench and bend requirements.
6. All ducts require 3 inch minimum to 5 inch maximum concrete cap within 10 feet of the box pad. See SR-205 for duct and concrete requirements.
7. See SR-207 for the trench backfill requirements.
8. Installation of equipment protective barriers per SR-230 will be required (refer to construction drawing) where cabinet is exposed to vehicular traffic or as determined by Design Services.
9. A gradual transition slope from the 36 inch trench depth to the 48 inch box pad trench depth is required.

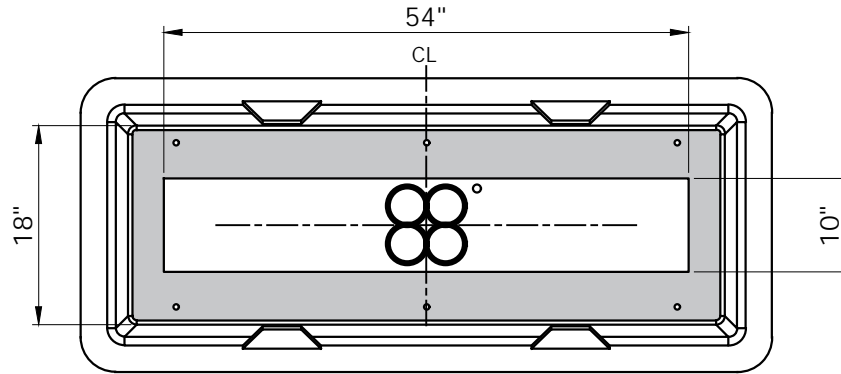


10. Customer to provide and install a 5/8" x 8'-0", copper clad ground rod prior to concrete encasement. The top 6 inches shall extend above the sub-grade within the opening of the box pad. See the diagrams for placement information. Ground rods are NOT PERMITTED to be cut under any circumstance. If soil conditions prohibit driving the ground rod, contact Design Services prior to making an deviation from this standard.
11. If installation of a sweep is required into an existing J2 cabinet, an access crew appointment is required to provide assistance and proper placement. See SR-106 for scheduling information.

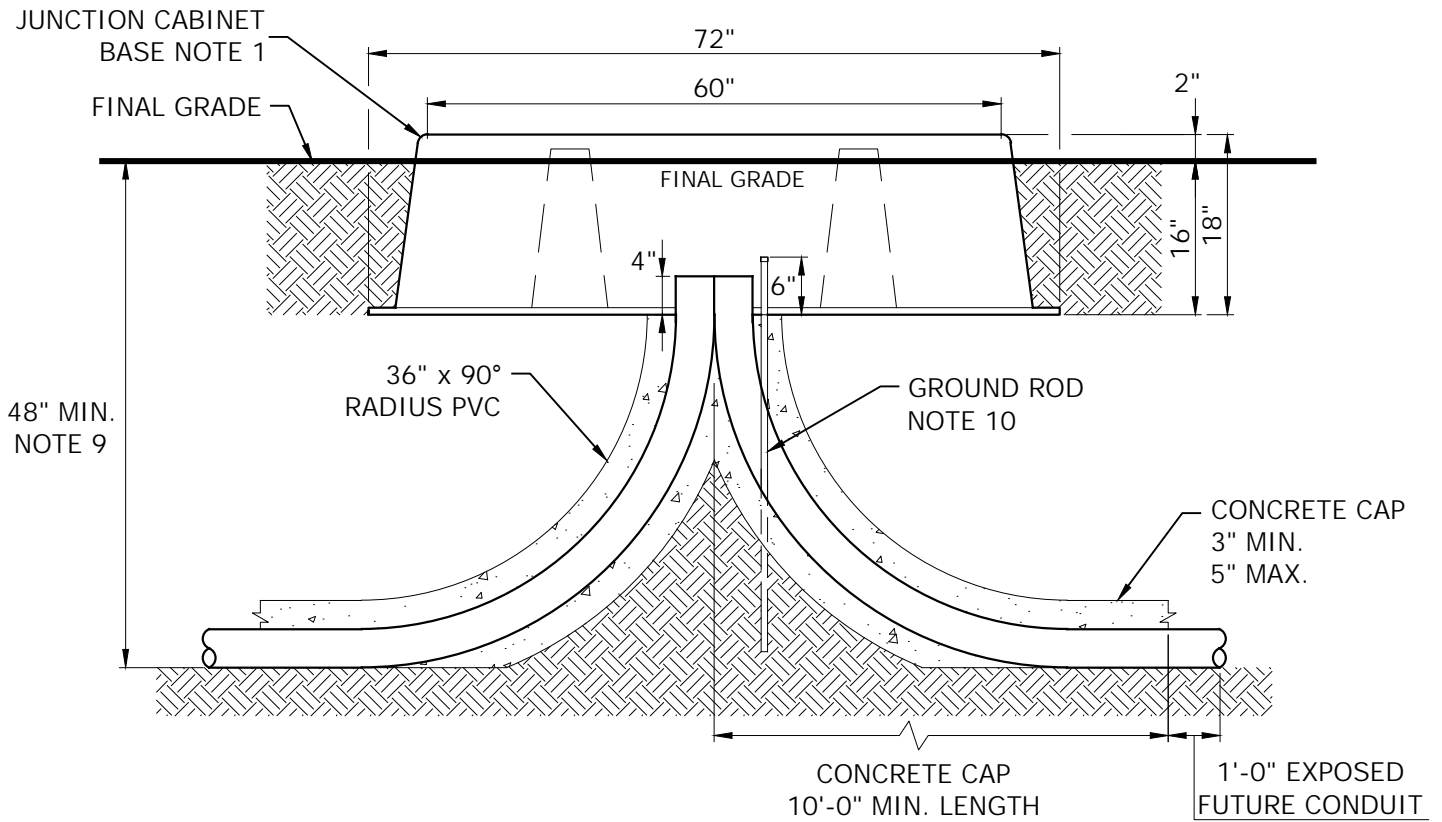
 Tucson Electric Power	 SANTA CRUZ COUNTY	INITIATED BY	SC	REVISION NO.	16	SR-234 Pg. 1 of 2
		ESR COMM.	5-79	ESR COMM.	5-24	
				EFFECTIVE DATE	7-24	

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TOP VIEW



FRONT VIEW

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