



## PEDESTAL AND SECONDARY JUNCTION BOX

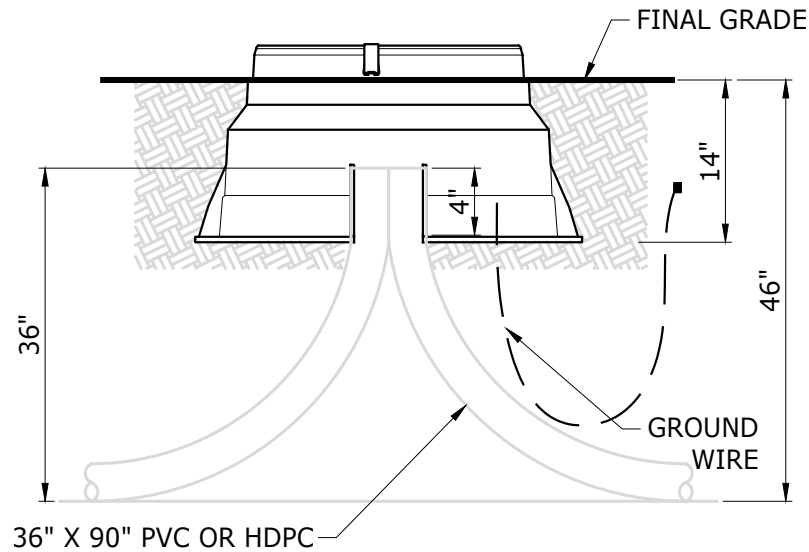


### NOTES:

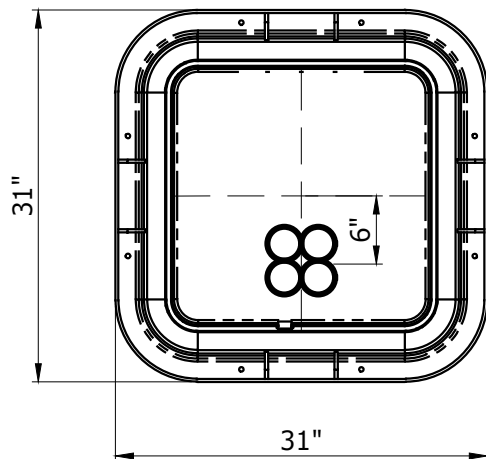
1. Refer to SR-209 for trench detail and placement of equipment within easements.
2. Customer is to provide property pins and/or swing ties (stakes) to center of equipment. These pins/stakes must be in place for the trench/conduit and backfill/mandrel inspections. Company inspectors do not verify grade stakes. Any adjustments required to grade and/or pedestal sites due to inaccurate grading, grade changes and/or improper grade establishment at trench or pedestal sites will be the responsibility of the Developer/Contractor. Any associated costs to correct grade or pedestal sites and any costs incurred by Service Provider due to a change in the surface elevation will be borne by the customer.
3. Pedestal and trench sites shall be level and at final grade before calling Design Services for a trench/duct inspection.
4. Customer to ensure proper conduit placement during backfill process. Duct plugs are required for all conduits, use of duct tape to close ducts is not approved.
5. The service conduit shall be installed into the pedestal at the same time as the secondary conduits are installed. All conduits are to be tied up per the equipment detail, and prior to calling for the trench and conduit inspection.
6. Conduit sweeps into new or existing equipment shall be 2 1/2 inches x 36 inches x 90 degree, Grey PVC Electrical Grade, Schedule 40. Wave-rib conduit is NOT approved to be used for new installation into Company equipment.
7. After the conduits (SR-205) are in place, the customer is to install a #6 solid soft drawn copper conductor for Telco bonding from 2 feet above the sub grade (next to the right side of the conduits), 12 inches away from the front of the pedestal and 24 inches to the right of the equipment site. Bury the conductor 12 inches below final grade and coil up approximately 2 feet of conductor.
8. Do not trench under Company owned equipment without Service Provider personnel present. Service Provider's Access Crew can be scheduled to assist with conduit placement and/or trenching required under Company owned equipment. Arrangements must be made by calling 520-918-8300 (TEP) or 520-761-7951 (UES), a minimum of five working days in advance.
9. See SR-207 for bedding and backfill requirements.
10. See SR-108 for Right-of-way and Easement requirements.
11. The Company will provide the poly pedestal to the customer for install per SR-214.
12. If the customer chooses to utilize a subsurface pedestal (Secondary Junction Box) per SR-308/308A, the customer will purchase the approved 20k rated box for install.
13. The secondary junction box is to be installed per SR-214, level the box so the top of the box is one inch above final grade and places the lid on the box.
14. Secondary junction box should not be installed within a concrete slab, sidewalk, driveway or driveway path. If limited space is available for installation of the secondary junction box, contact Design Services to review options.

 	INITIATED BY	JAB	REVISION NO.	0	<b>SR-214</b> <b>Pg. 1 of 4</b>
	ESR COMM.	7-25	ESR COMM.	-	
			EFFECTIVE DATE	7-25	

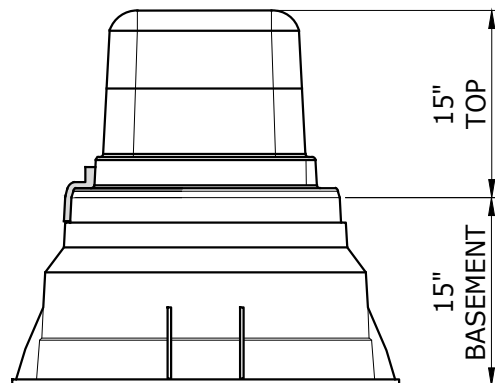
# PEDESTAL AND SECONDARY JUNCTION BOX



**SECONDARY PEDESTAL  
FRONT VIEW**

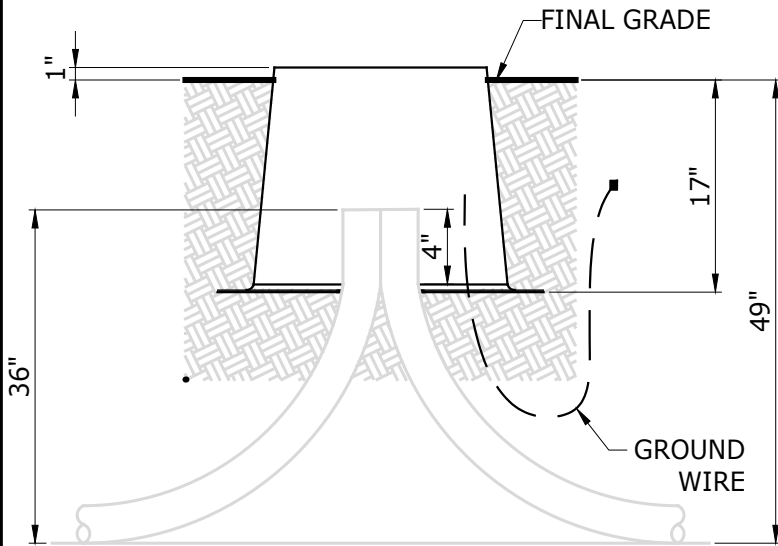


**SECONDARY PEDESTAL  
TOP VIEW**

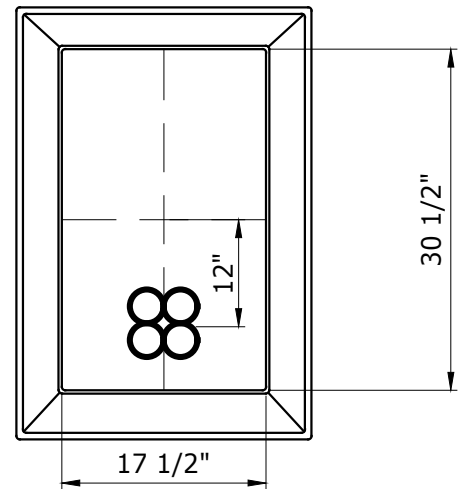


**SECONDARY PEDESTAL  
SIDE VIEW**

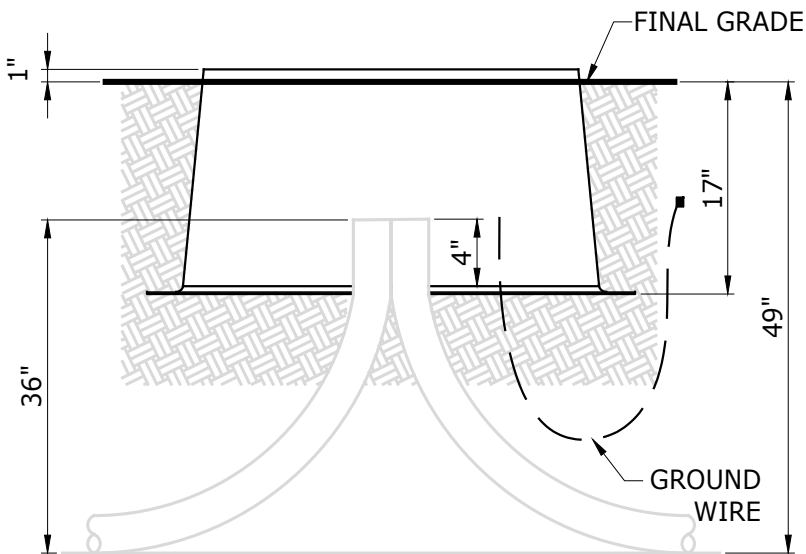
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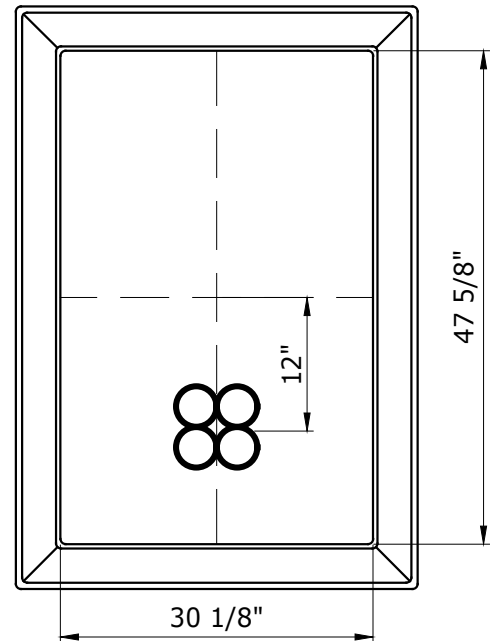
**SECONDARY JUNCTION BOX (J-10)**  
**(CUSTOMER PROVIDED, OPTION)**



**SECONDARY JUNCTION BOX (J-10)**  
**TOP VIEW**



**SECONDARY JUNCTION BOX (J-30)**  
**(CUSTOMER PROVIDED, OPTION)**



**SECONDARY JUNCTION BOX (J-30)**  
**TOP VIEW**

## NOTE:

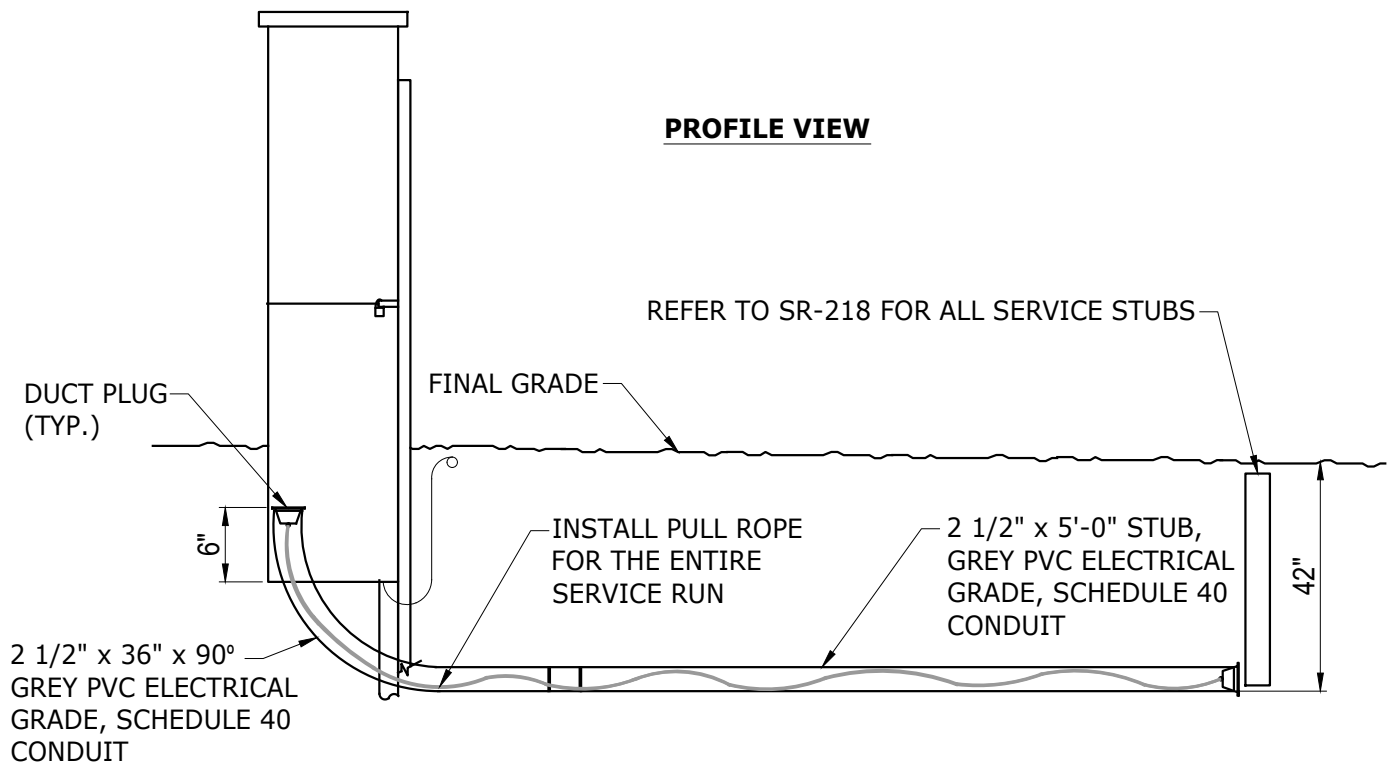
FOR APPROVED MANUFACTURERS OF SECONDARY JUNCTION BOXES, REFER TO SR-308.

USE: EXISTING STEEL  
PEDESTAL,  
MAINTENANCE ONLY

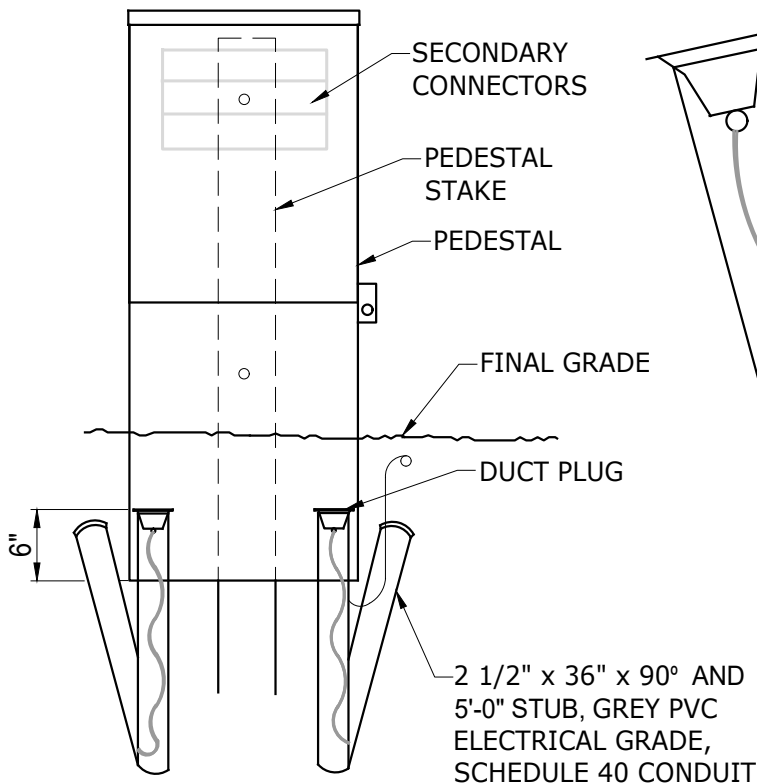
## PEDESTAL AND SECONDARY JUNCTION BOX



### PROFILE VIEW



### FRONT VIEW



### TOP VIEW

