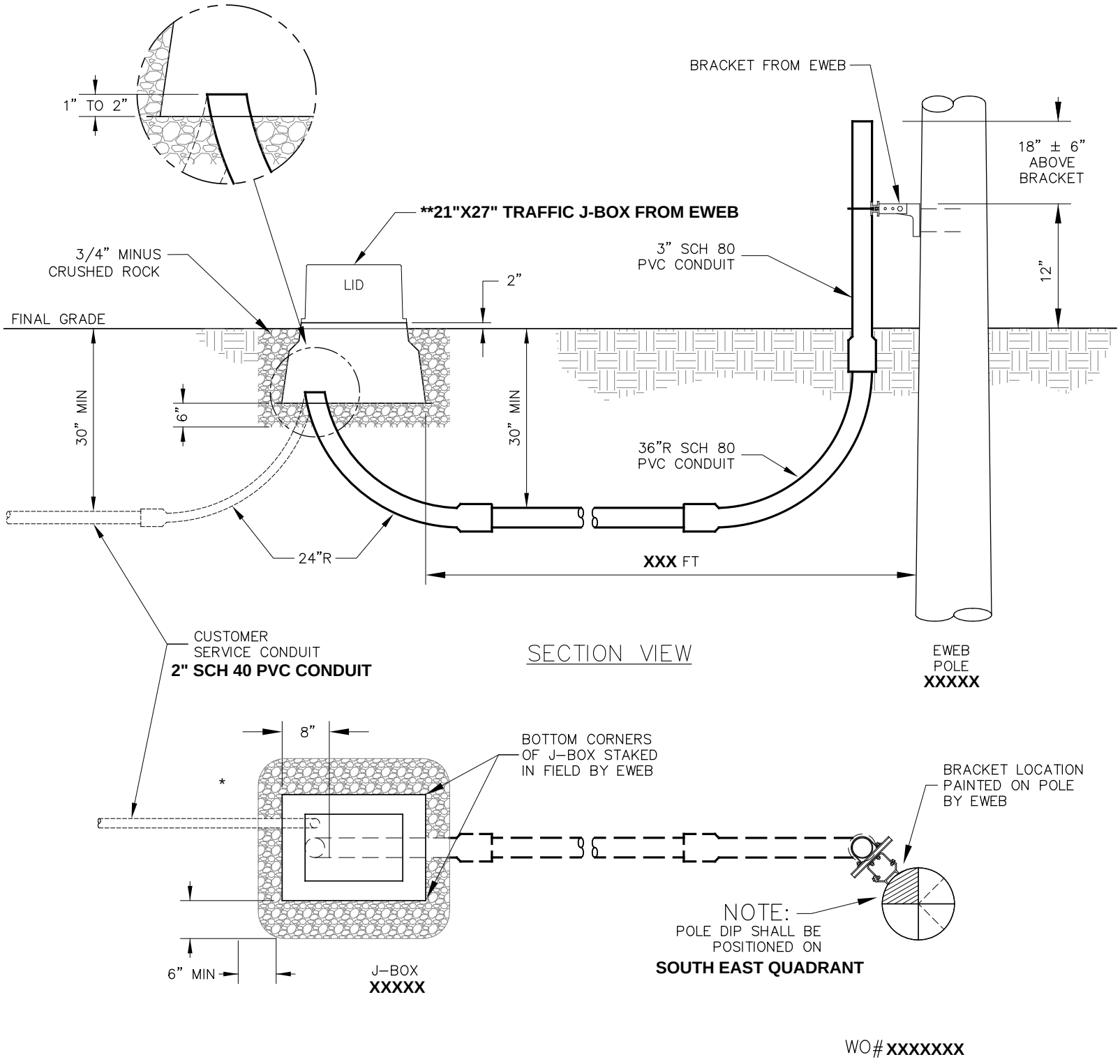

***SEE EC5-B.1000 FOR**

UNDERGROUND SERVICE REQUIREMENTS

GC5-2.3600 MANDRELING AND CLEANING OF CONDUIT

DISTRIBUTION DESIGN STANDARD EUGENE WATER & ELECTRIC BOARD - EUGENE, OREGON		
CUSTOMER INSTALLED SECONDARY POLE DIP SUBSTRUCTURE & SECONDARY BOX	Approved July 03, 2024 **ED5-1.1100** Page 1 of 2	**REV** **14**

CONSTRUCTION NOTES

1. All conduits shall enter the same end of the J-box a maximum of 8" from the bottom inside edge of the J-box.
2. Conduits shall not extend more than shown above the crushed rock base
3. The exposed ends of all conduits shall be cut off square, free of any sharp edges, and temporarily sealed to prevent rocks or other materials from entering them after mandreling.
4. Field bending of PVC conduits is not allowed. All sweeps shall be made with manufactured elbows. Any additional Sweeps to be approved by Distribution Engineering Technician.
5. Top of J-box base shall be set 2" above the surrounding final grade. If depth of landscaping material is not known at time of J-box installation, top of box base shall be 4" above surrounding dirt to allow for landscaping material.
6. For customer service conduit entering a secondary box, a 90 degree elbow with a 24" radius for conduits is required
7. The mounting height of the first standoff bracket (bottom) shall be 12" above final grade.

CUSTOMER MATERIAL LIST (POLE DIP SUBSTRUCTURE)

	DESCRIPTION	PART	VENDOR CATALOG NO.	J-BOX VENDOR
☐	21"X27" TRAFFIC J-BOX FROM EWEB	J-BOX	PE20GSI02	BUILDERS ELECTRIC INC 195 MADISON ST EUGENE, OR 541-485-0922
		LID	AG20DMXB5035P3	

- ☐ **(1) 36" radius 3" diameter schedule 80 PVC 90 degree elbow**
- ☐ **(1) 24" radius 3" diameter schedule 40 PVC 90 degree elbow**
- ☐ **(1) 24" radius 2" diameter schedule 40 PVC 90 degree elbow**
- ☐ **XX ft. 3" schedule 40 PVC conduit; Contact the Engineering Tech if installing conduit by boring or drilling.**
- ☐ **(1) 48" radius 3" diameter schedule 40 PVC 90 degree elbow (use for horizontal sweeps)**
- ☐ **(1) conduit bracket, obtain from EWEB**

EWEB CONTACT INFORMATION

DISTRIBUTION ENGINEERING TECHNICIAN: **Tyler Lindley** **541-685-7677** **Tyler.Lindley@EWEB.ORG**

BUILDING AND RENOVATIONS: **(541) 685-7086** **BuildingandRenovation.Services@EWEB.ORG**

ELECTRIC OPERATIONS COORDINATORS: **(541) 685-7457**