



# A6 Polybell Change Out

## TEAM EVENT

**Mean Time:** 15 minutes

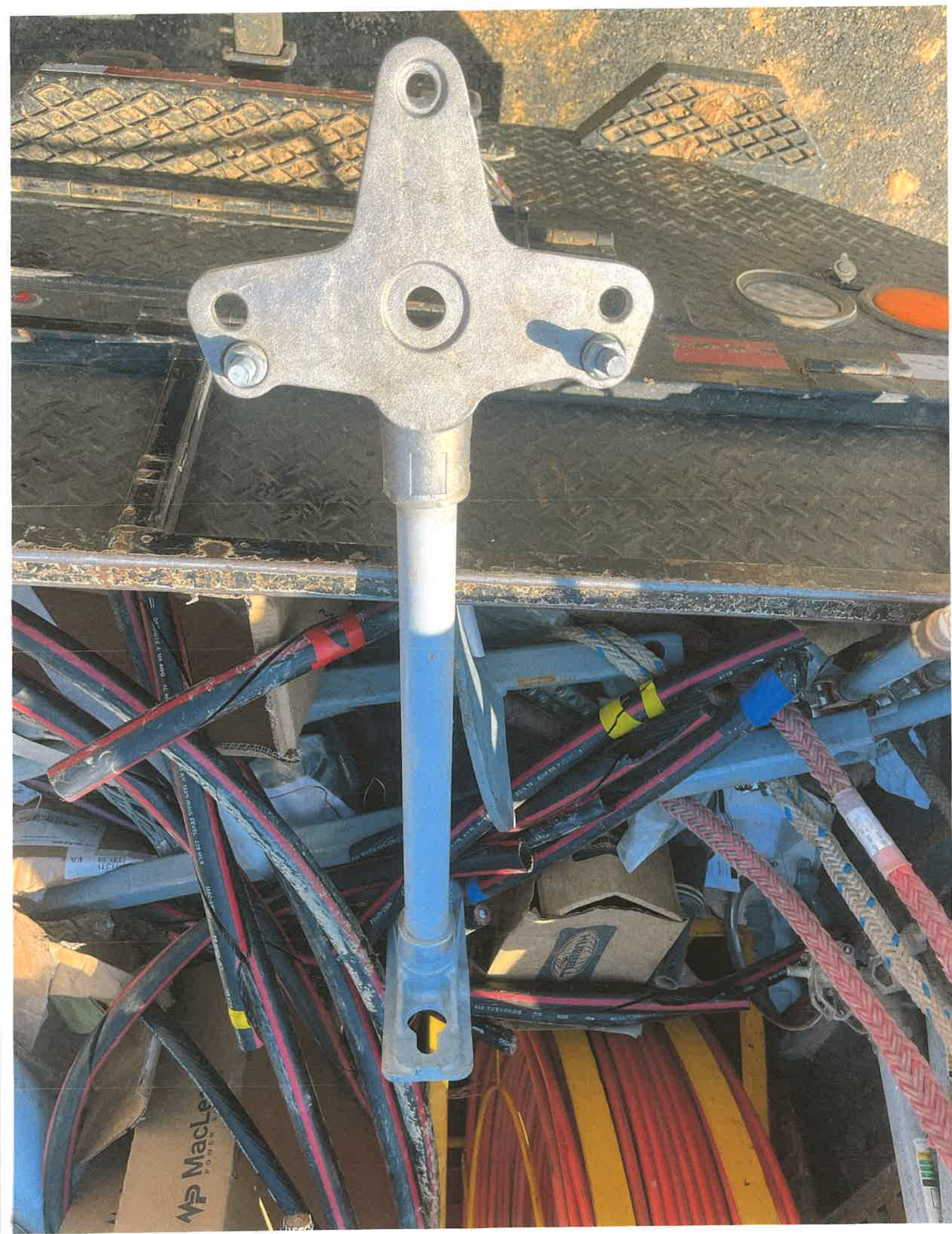
**Drop Dead Time:** 20 minutes

**Event Summary:** The object of this event is to change out a polybell suspension insulator.

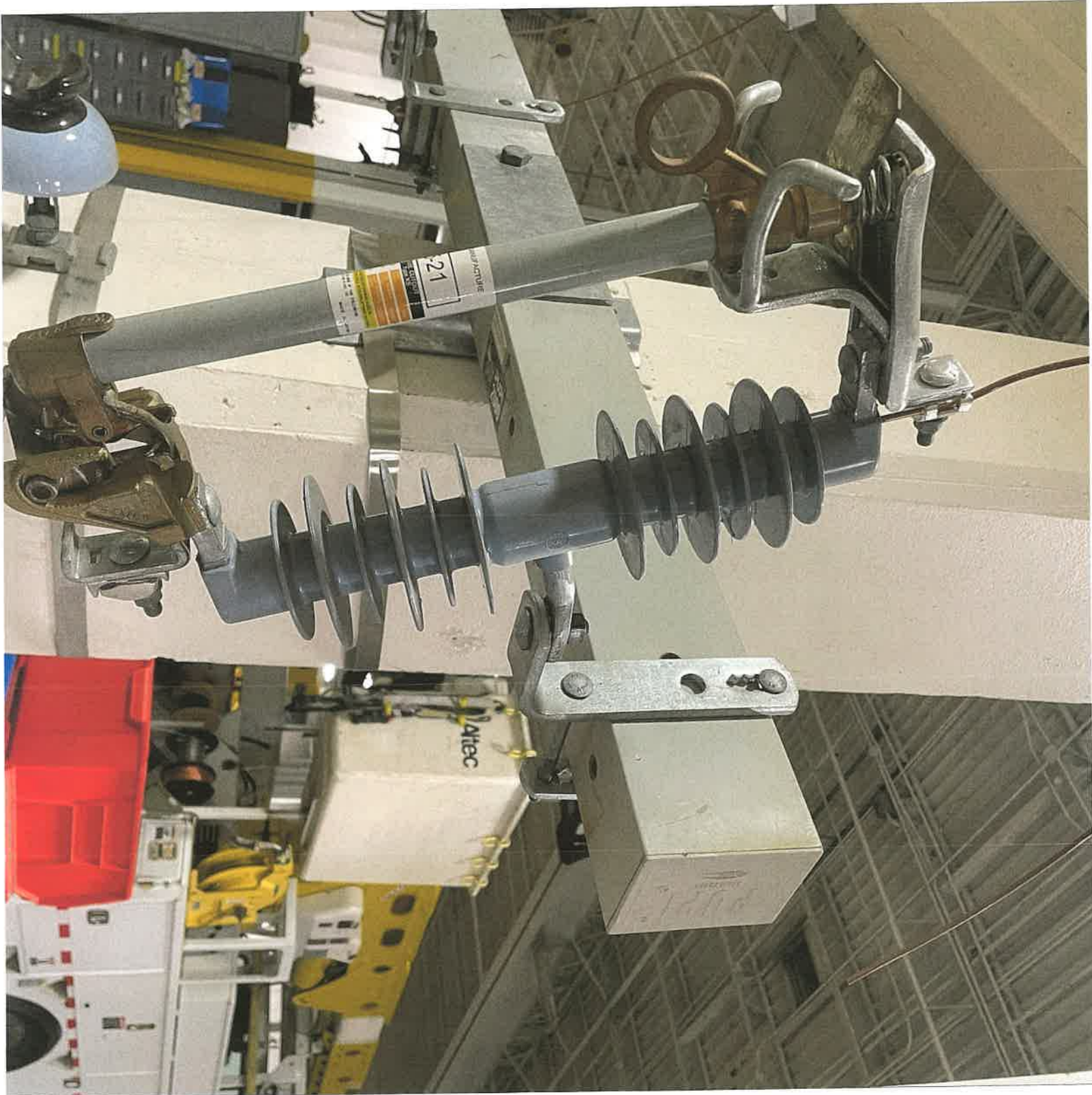
### Event Specifications:

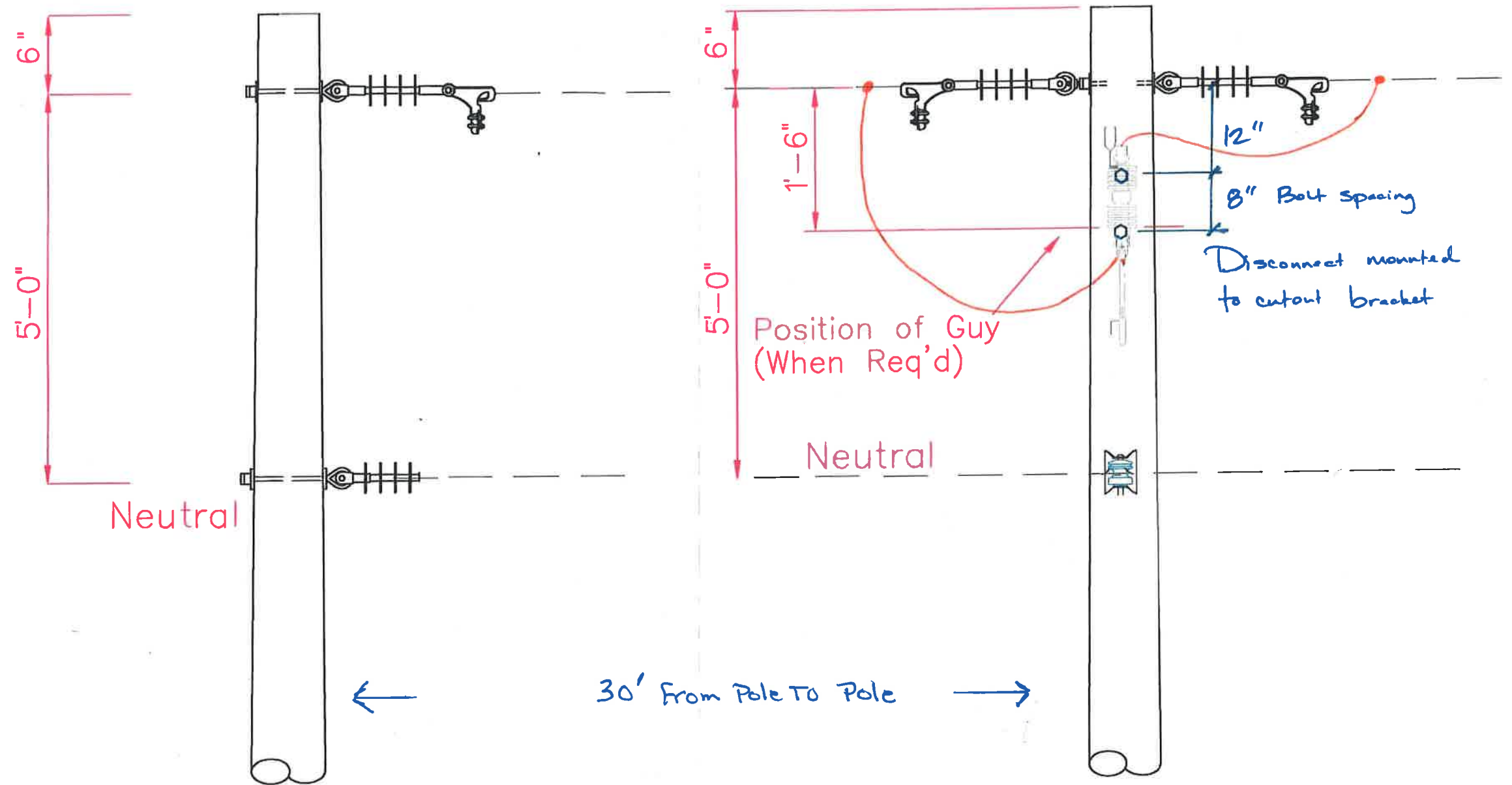
1. The team will have 5 minutes to set-up. All tools and cover up must be kept on the tarp supplied by the competitor.
2. Rubber gloves shall be checked in the 5-minute set-up time.
3. Time starts at the judge's signal.
4. On pole #1 disconnect shall be opened from the ground with long hot stick. Rubber gloves shall be worn. \*This must be done from the ground prior to lineman contacting the pole.
5. Lineman shall cover both sides of the neutral, remove hot tip, line must be tested with a certified hot line tester before grounding line. Groundman must tag line for lineman.
6. Once the line is tested and grounded. On pole #2 the lineman can change out polybell in leather gloves. Lineman cannot climb until line is grounded. Groundman must tag for lineman.
7. Once the bell is changed on pole #2 and lineman reaches the ground, the line can be ungrounded and hot tip reinstalled on pole #1.
8. When the lineman reaches the ground, the hot stick can be run out to re-close the disconnect. Stick CAN NOT be run out until lineman is on the ground.
9. Time will stop when the hot stick is collapsed and on the tarp.











<p><b>DESIGN PARAMETERS:</b></p> <ul style="list-style-type: none"> <li>-Permitted longitudinal load = 5000lbs / conductor.</li> <li>- Maximum line angle = 5° (See Note)</li> </ul>		<b>DEADEND</b>		<p><b>DESIGN PARAMETERS:</b></p> <ul style="list-style-type: none"> <li>-Permitted longitudinal load = 5000lbs / conductor.</li> <li>- Maximum line angle = 5° (See Note)</li> </ul>		<b>DOUBLE DEADEND (FEED THROUGH)</b>	
		1-PHASE PRIMARY 12.47/7.2 KV	A6.2			1-PHASE PRIMARY 12.47/7.2 KV	A6.2