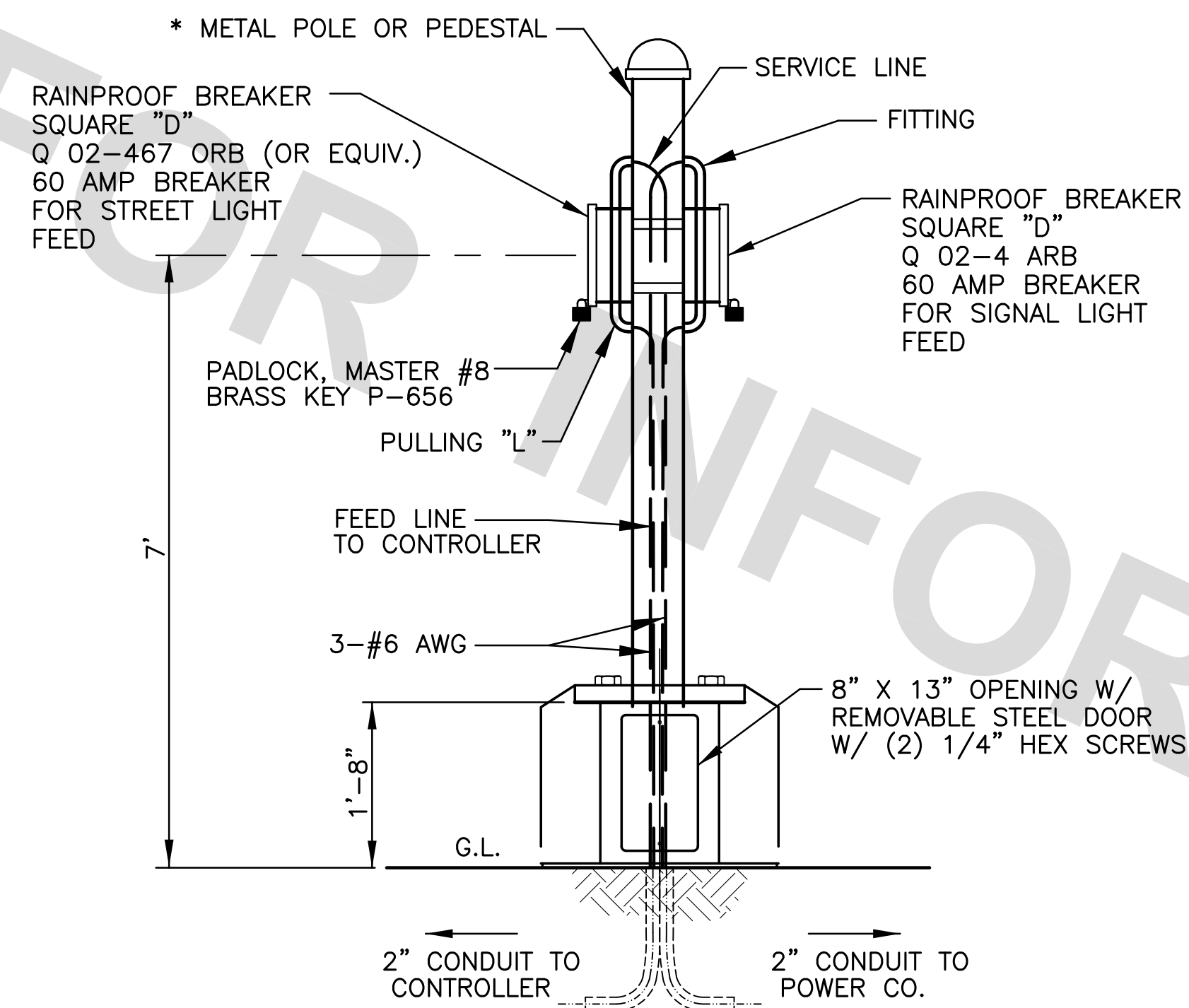
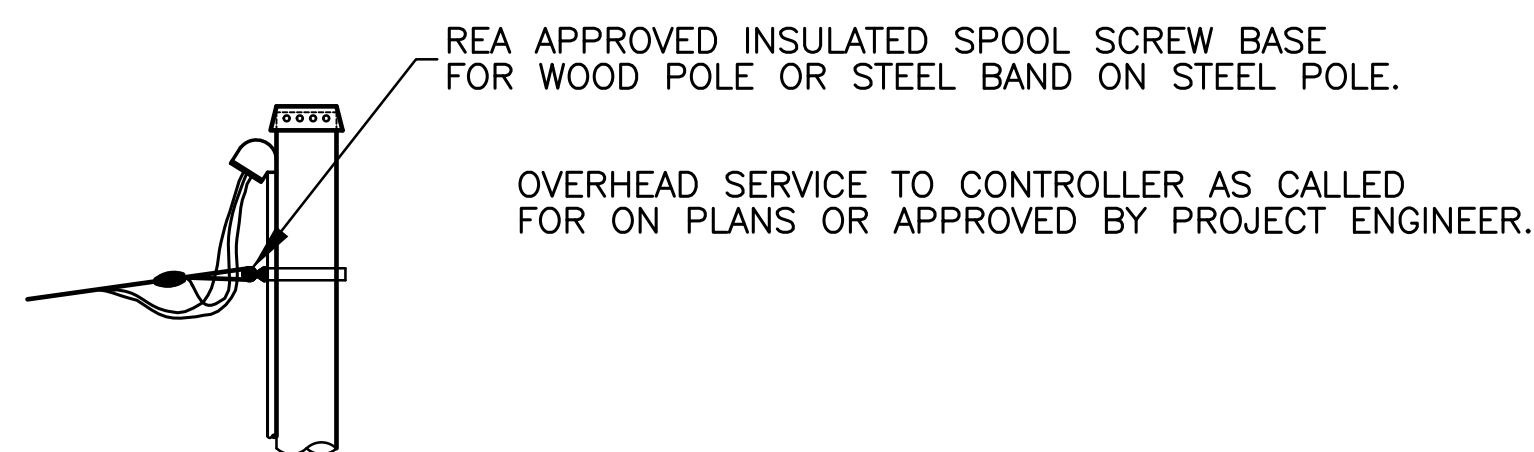


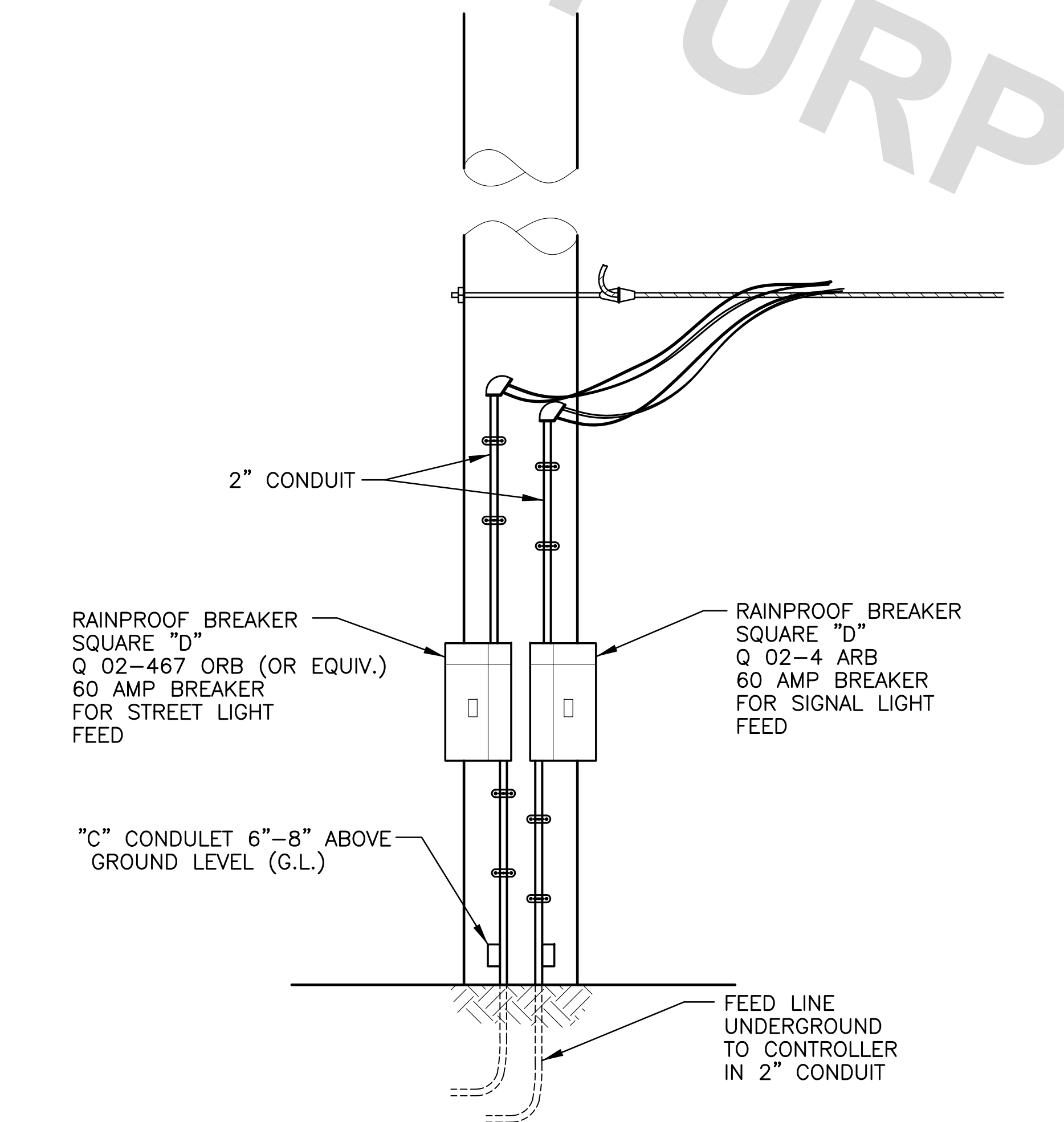
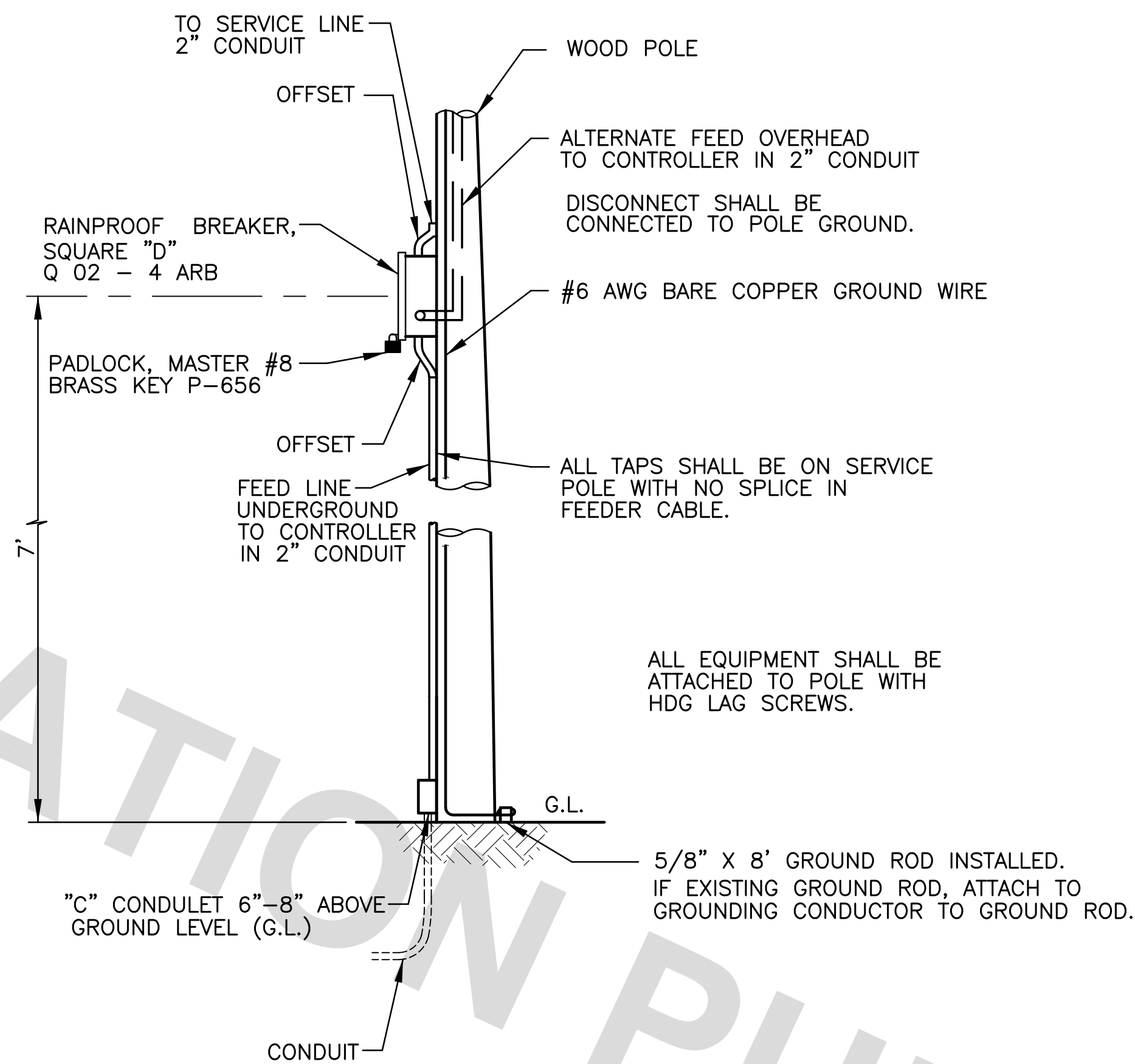
PROJECT NO.	SHEET



\* DISCONNECT PEDESTAL REQUIRED WHEN POWER SOURCE IS LOCATED GREATER THAN 20 FEET FROM CONTROLLER CABINET OR WHEN INDICATED ON PLANS.  
(REFER TO SHEET 2 FOR FOUNDATION DETAILS)



**TYPICAL ELECTRICAL SERVICE**  
BREAKER SIZED ACCORDING TO THE LOAD WITH MINIMUM BREAKER SIZE OF 60 AMP.



**DUAL SERVICE FOR TRAFFIC SIGNAL AND STREET LIGHT**

NOTE: WHERE SHOWN ON THE PLANS. DIRECTIONAL LOUVERS SHALL BE FURNISHED AND INSTALLED IN SIGNAL VISOR. LOUVERS SHALL BE CONSTRUCTED TO HAVE A SNUG FIT IN A TYPE "B" OR "C" VISOR.	TYPE	TYPE	TYPE	APPROXIMATE LENGTH OF VISOR	
	A	B	C	8" HEADS	12" HEADS
				8"	10" (STANDARD)
				8"	11"
				10"	11"

**NOTES:**

- UNDERGROUND CONDUIT SHALL BE INSTALLED IN A STRAIGHT LINE FROM START TO FINISH. ANY DEVIATION FROM STRAIGHT LINE WILL REQUIRE PRIOR APPROVAL BY THE TRAFFIC ENGINEER.
- THE CONTRACTOR SHALL NOT RECEIVE DIRECT PAY FOR VERTICAL RUN AT THE START AND FINISH POINTS AS WELL AS ADDITIONAL CONDUIT DUE TO A DEVIATION FROM A STRAIGHT LINE INSTALLATION.
- ALL CONCRETE SHALL BE CLASS 6A4000 IN ACCORDANCE WITH SECT. 601 OF THE STD. SPEC'S.
- ALL SERVICE POLES SHALL BE GROUNDED WITH #6 AWG BARE COPPER GROUNDING WIRE.
- USE EXISTING POLE GROUND OR INSTALLED GROUND WIRE AND ROD.
- SERVICE SHALL BE 120/240 V. AC AND WIRED WITH THHN-THWN OR XHHW #6 AWG, TWO BLACKS, AND ONE WHITE NEUTRAL, THREE (3) CONDUCTOR, CONCENTRIC CABLE SHALL BE INSTALLED WHERE SERVICE WILL ATTACH TO OR ENTER STEEL SIGNAL POLE.
- SERVICE CONDUCTORS SHALL BE RUN IN A SEPARATE CONDUIT TO CONTROLLER BASE.
- CONDUIT STRAPS SHALL BE TWO (2) HOLE, HEAVY DUTY AND SHALL BE INSTALLED BEGINNING AT FITTING OFFSET OR COUPLING, SPACED AT FIVE (5') FOOT INTERVALS MAXIMUM ON EACH SIDE OF CONDULETS AND ADJACENT TO CABINET. 1/4" x 3" HDG LAG SCREWS SHALL BE USED ON STRAPS.
- MATERIAL AND METHODS : FROM THE POWER DISCONNECT, A TWO (2) INCH CONDUIT WITH THREE (3) NUMBER SIX (#6) AWG-IC STRANDED COPPER WIRES, TYPE THHN OR THWN INSULATION, SHALL BE TURNED UP THE POWER COMPANY SERVICE POLE TO A HEIGHT DESIGNATED BY THE POWER COMPANY. THE CONTRACTOR SHALL TERMINATE THE CONDUIT WITH A CLAMP ON ALUMINUM SERVICE ENTRANCE FITTING (WEATHERHEAD). WIRES SHALL BE A MINIMUM OF TWO (2) FEET BEYOND THE WEATHERHEAD TO ALLOW CONNECTION TO POWER COMPANY WIRING WITH A DRIP LOOP. COLOR CODING SHALL BE AS FOLLOWS; BLACK=HOT; WHITE=NEUTRAL.
- POWER SOURCE : POWER SOURCE SHOWN ON THE PLANS IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE POWER SOURCE.
- ELECTRICAL SUPPLY : THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH AND PAY THE POWER COMPANY FOR TEMPORARY AND PERMANENT ELECTRICAL SERVICE AND SHALL VERIFY THE EXACT LOCATION AND POINTS OF ATTACHMENT BEFORE INSTALLATION IN ACCORDANCE WITH CITY-PARISH OR LADOTD STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE EVIDENCE OF WRITTEN REQUEST FOR SERVICES TO POWER COMPANY DATED NOT LESS THAN ONE (1) WEEK PRIOR TO START DATE OF CONSTRUCTION.



STANDARD PLAN NO. 906-03	DATED September 10, 2019	SHEET NO. 1 OF 5
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**ELECTRICAL DETAILS  
(POWER SERVICE)**

ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED T.E.D.	DRAWN G. VANNICE	CHECKED S. EDEL	APPROVED I. PARTENHEIMER

DATE	DESCRIPTION	BY
	REVISIONS	