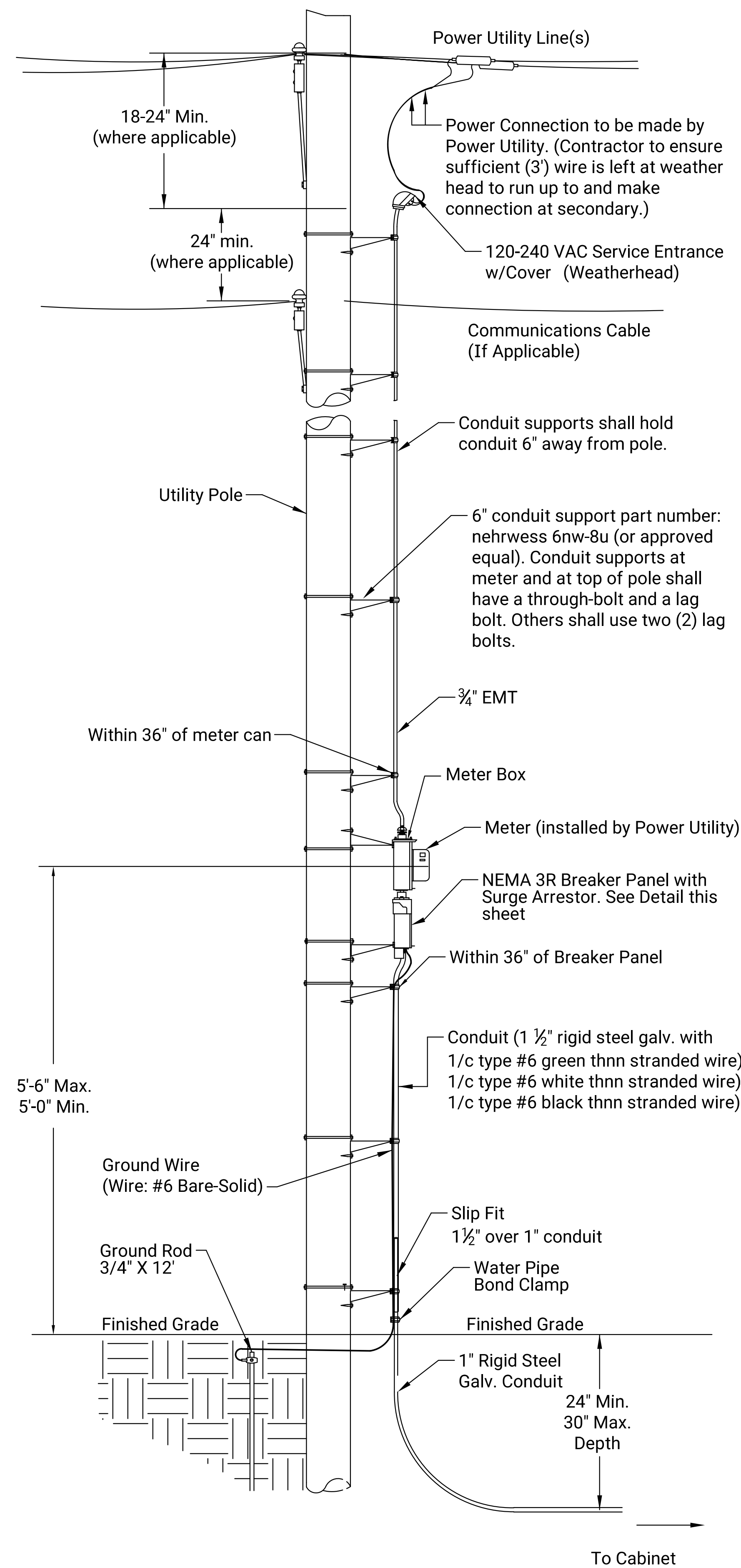
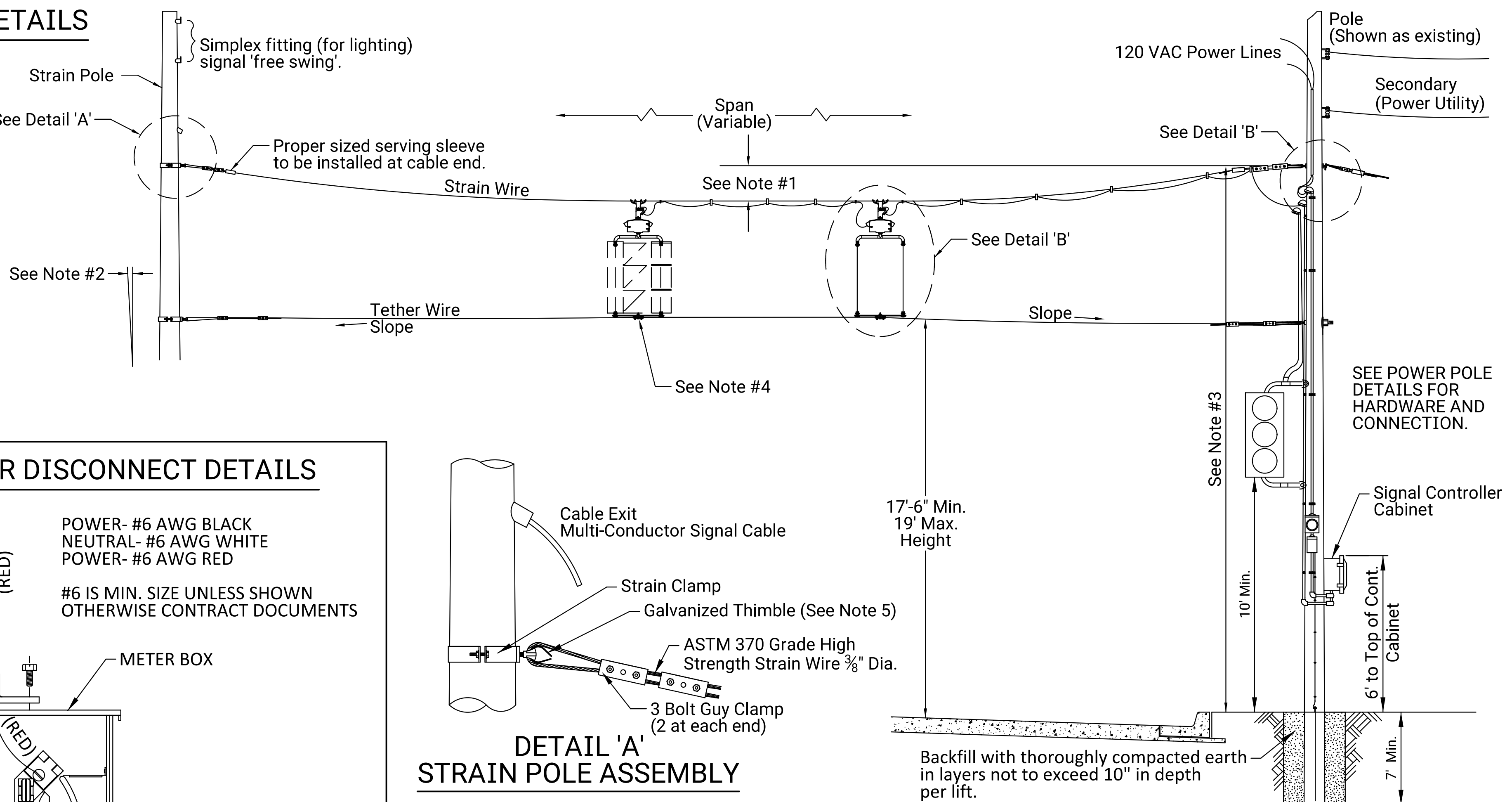


TEMPORARY POWER POLE DETAILS

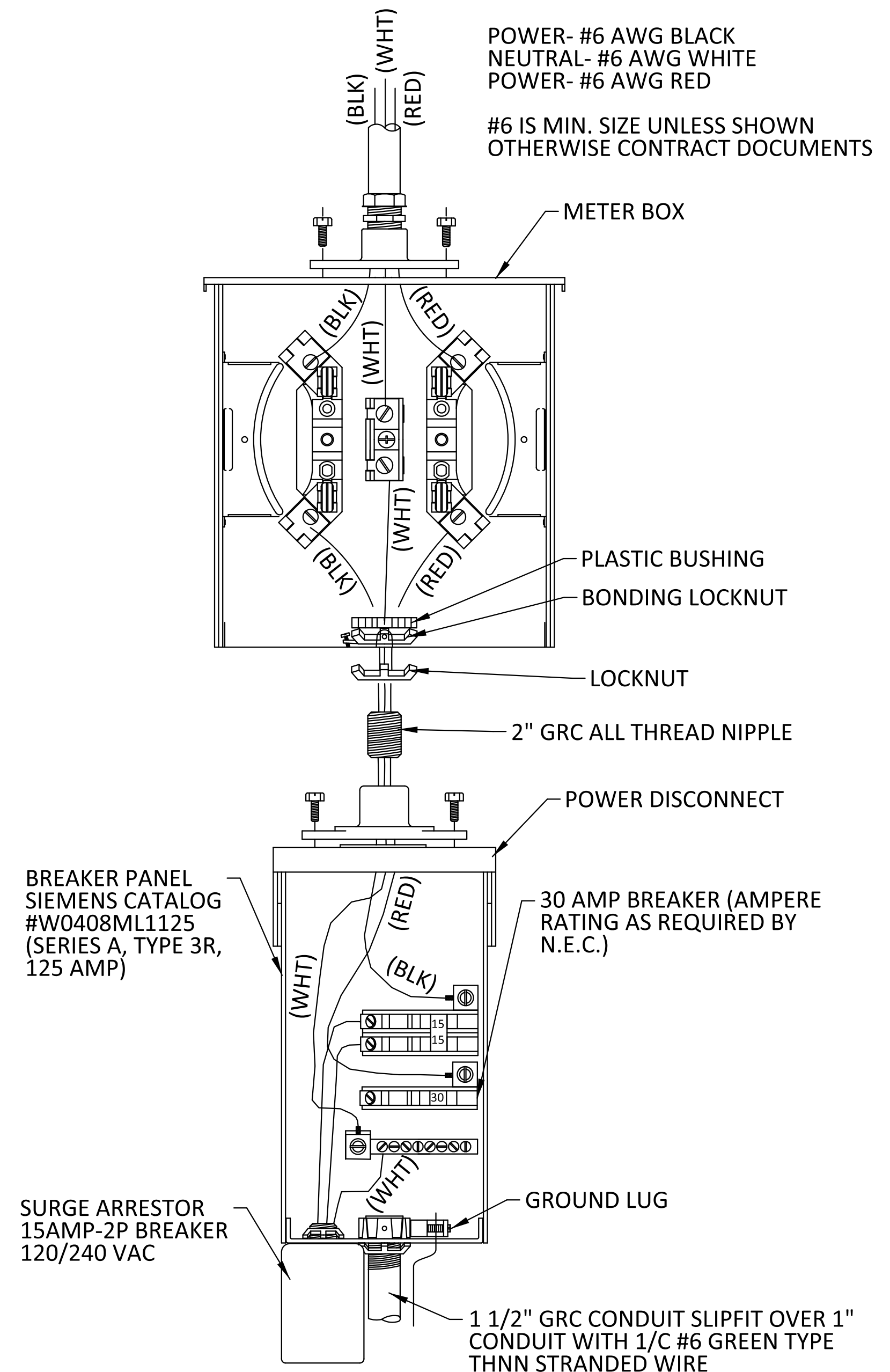


SPANWIRE ASSEMBLY DETAILS

1. MAX. SAG = 5% OF SPAN
2. STANDARD BACKRAKE = 1.5°
3. HEIGHT OF STRAIN WIRE HOOK-UP TO BE DETERMINED BY FIELD ENGINEER. TRAFFIC SIGNAL CABLE TO BE SECURED TO STRAIN (SPAN) WIRE WEATHERABLE NYLON CABLE HANGERS (12" CTR.)
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE SWING'.
5. STRAIN, TETHER, & GUY WIRES (WHETHER SPECIFICALLY SHOWN OR NOT) SHALL INCLUDE GALVANIZED THIMBLE(S) AT CONNECTIONS TO REDUCE STRAIN, ABRASION, AND KINKING OF WIRE.
6. IF WOOD POLE IS USED, POLE SHALL BE A MINIMUM 35' CLASS 4, OR AS REQUIRED TO PROVIDE MINIMUM CLEARANCES.

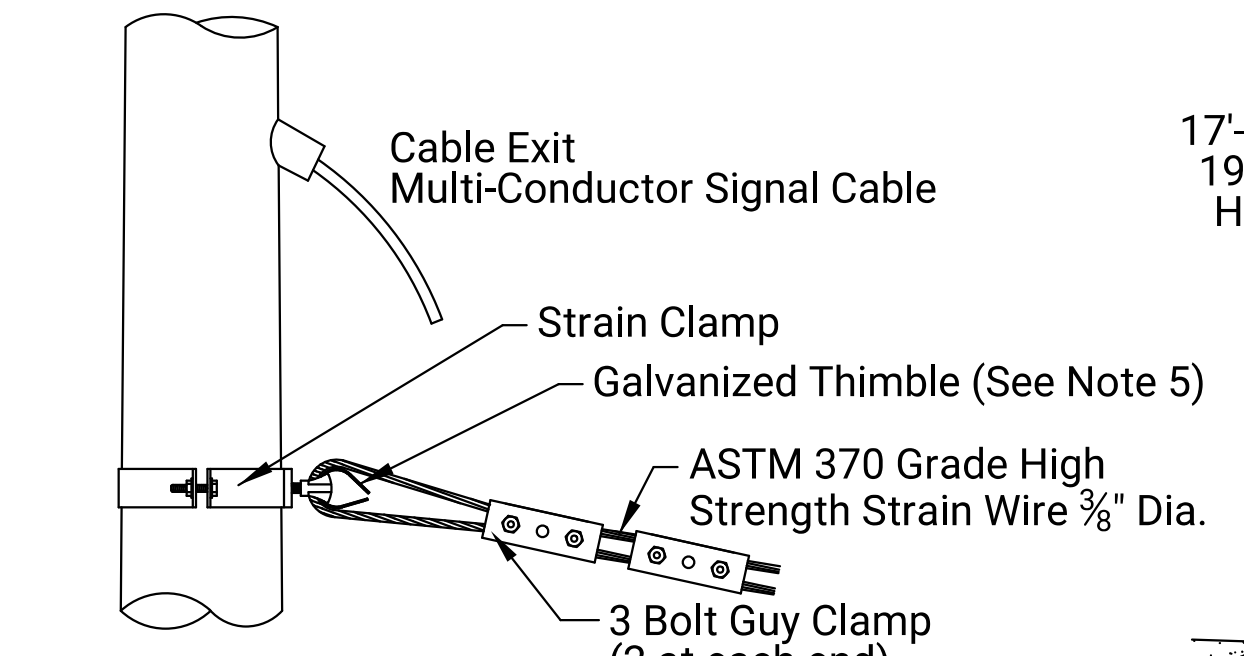


METER BOX & POWER DISCONNECT DETAILS



A SINGLE CONDUCTOR STRANDED #6 GREEN WIRE SHALL CARRY THE EQUIPMEN GROUND FROM THE GROUND LUG OF ALL SIGNAL POLES TO THE CONTROLLER CABINET AND THE POWER DISCONNECT BOX

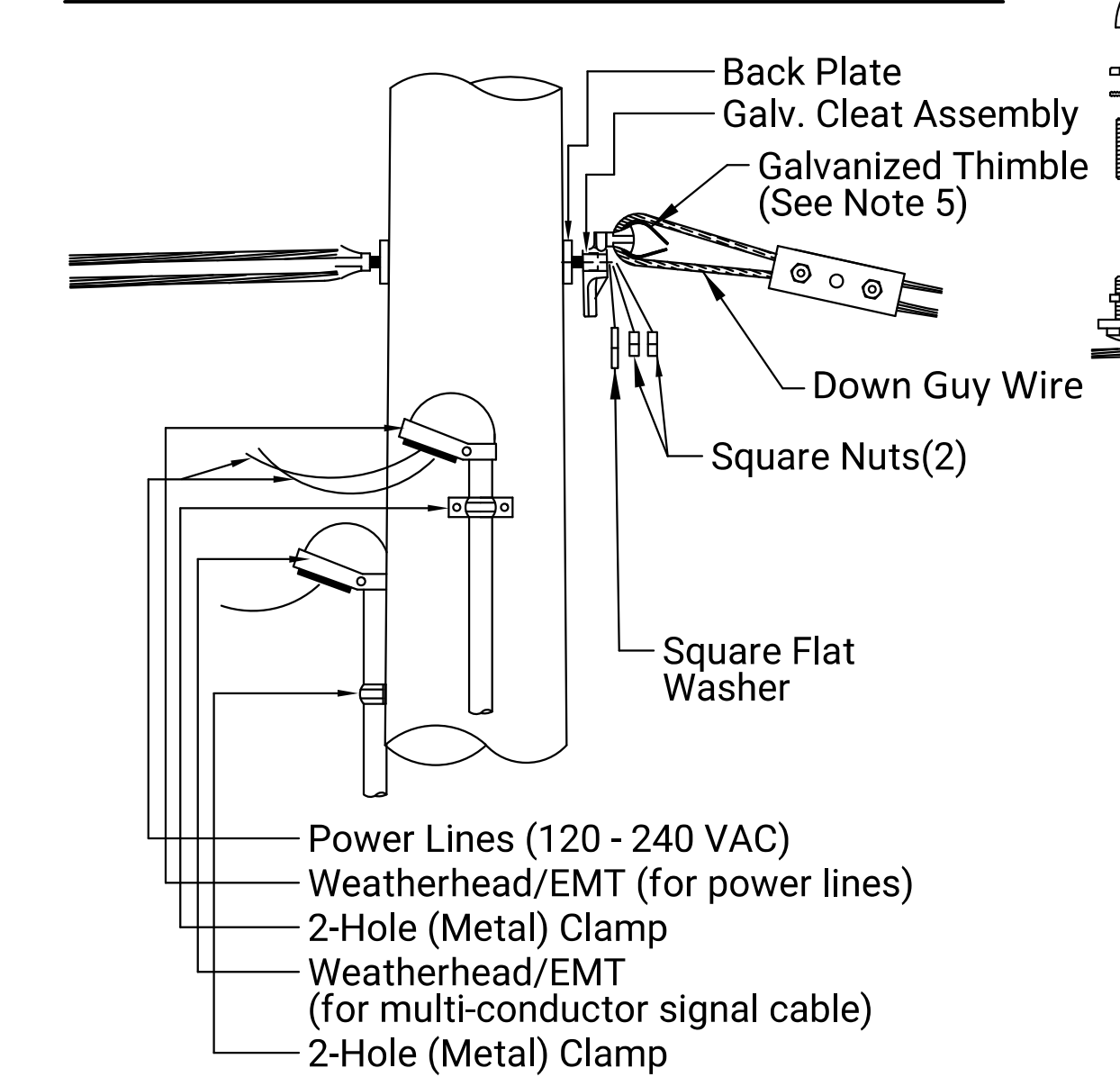
DETAIL 'A' STRAIN POLE ASSEMBLY



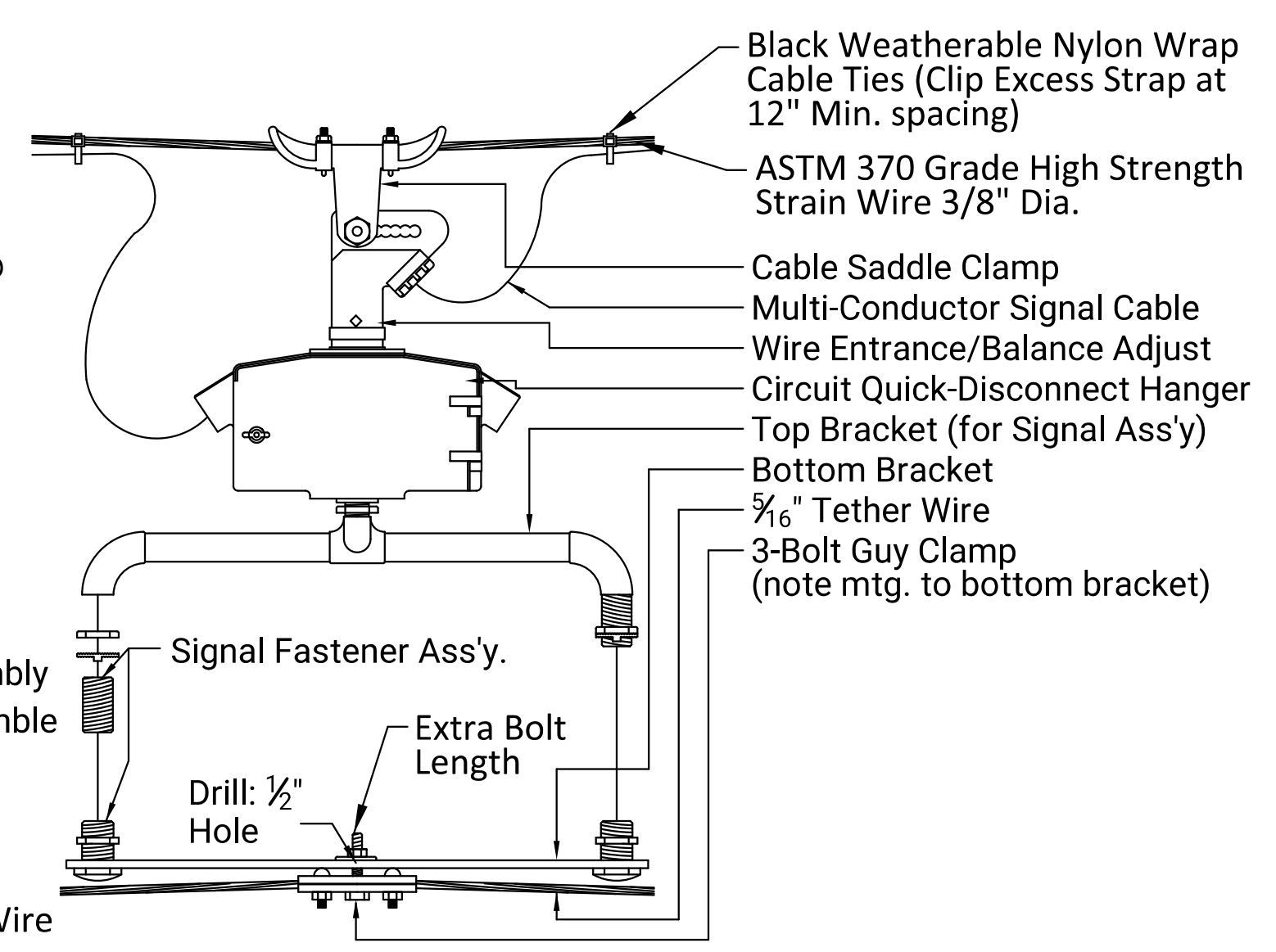
NOTE:

1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO STABILIZE POLE (WHERE APPLICABLE)
2. ANY COMBINATION OF ROUND/THIMBLE EYE BOLTS AND NUTS MAY BE UTILIZED AS APPLICATION MAY VARY. FIELD ENGINEER TO DETERMINE TYPE OF HARDWARE USED.
3. HARDWARE SHOWN IS FOR WOOD OR STEEL POLE. (POWER; SIGNAL CABLE; METER, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE: USE OF CLAMPS, BANDED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.

DETAIL 'B' POLE ASSEMBLY



SIGNAL BRACKET ASSEMBLY DETAILS



NO.	DATE	BY	APP'D
3			
2			
1			



TEMPORARY
SPAN POLE ASSEMBLY
DETAILS

TRAFFIC ENGINEER APP'D 01/27/22
MIKE ARMOUR, P.E.

PROJECT NUMBER 87 N-0720-01	ORG NUMBER	DATE 9/25/2023
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 317 TR-111