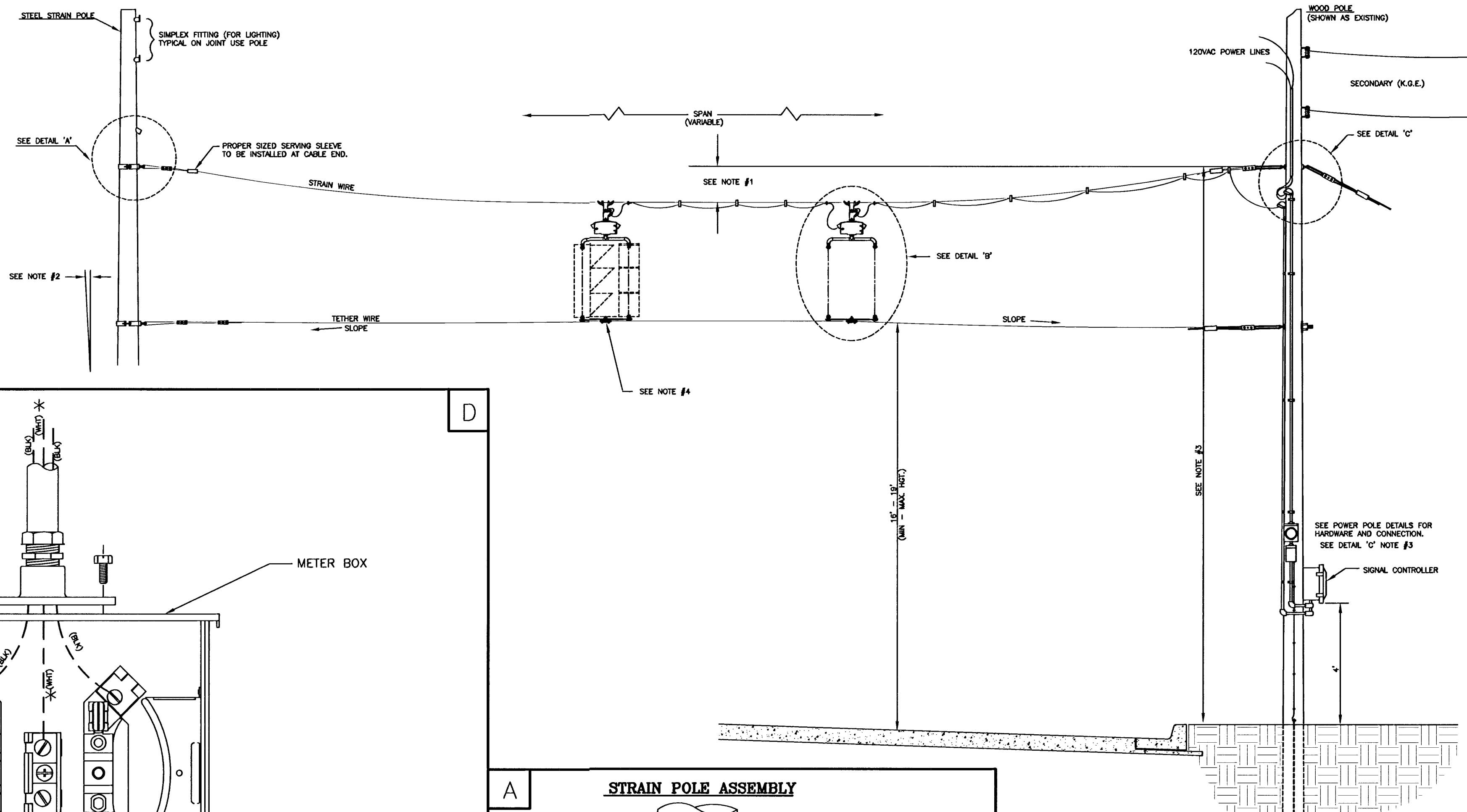


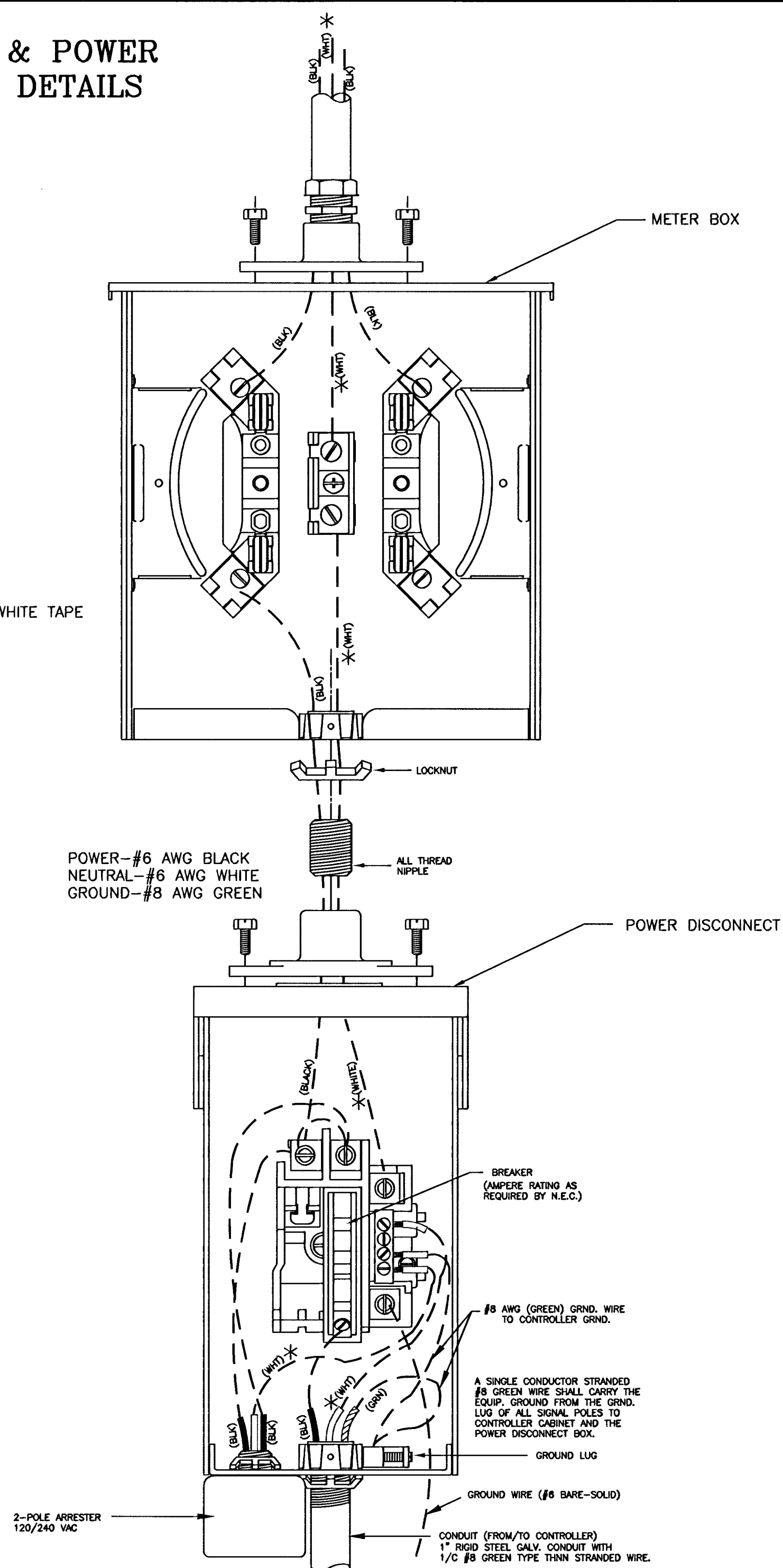
[illegible]

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.) DETAIL 'B'
4. TETHER CLAMP TO BE DESIGNED TO RELEASE UNDER 'HIGH WIND LOAD' TO PERMIT SIGNAL 'FREE SWING'.



NOTE:

* TO BE MARKED WITH WHITE TAPE



NOTE: SEE STEEL POLE
ASSY DETAIL SHEET FOR
STRAIN POLE BASE DETAILS

STRAIN AND TETHER WIRE:
GALV. GUT STRAND (T-WIRE)
5/16" SM (G350 #TEST) WEIGHT
PER 1000 @ 205

CABLE EXIT
MULTI-CONDUCTOR SIGNAL CABLE

THIMBLE EYE NUT (GALV.)
ASSEMBLY

STRAIN CLAMP

STRAIN WIRE (5/16" DIA.)

3-BOLT GUY CLAMP

[illegible]

Diagram illustrating the hardware and wiring connections for a steel strain pole assembly. The diagram shows a vertical pole with various components attached, including a galvanized thimble eye bolt, a front plate, a strain wire, power lines (120 VAC), weatherhead/ENT (for power lines), a 2-hole metal clamp, weatherhead/ENT (for multi-conductor signal cable), and a 2-hole metal clamp. The assembly is shown with a steel strain pole and a steel strain pole nut. The diagram also shows the connection of a galvanized thimble eye bolt to a steel strain pole nut, which is secured with a 3-bolt nut/clamp. The diagram includes a note indicating that the hardware shown is transferable to steel pole in whole or part where steel strain pole is used.

BACK PLATE
JAW NUT
GALV. THIMBLE EYE NUT
OUT WIRE (5/16")
3-BOLT NUT/CLAMP

SEE NOTE 1

GALV. THIMBLE EYE BOLT
FRONT PLATE
STRAIN WIRE
POWER LINES (120 VAC)
WEATHERHEAD/ENT (FOR POWER LINES)
2-HOLE (METAL) CLAMP
WEATHERHEAD/ENT (FOR MULTI-CONDUCTOR SIGNAL CABLE)
2-HOLE (METAL) CLAMP

NOTE:

1. GALV. THIMBLE EYE ANCHOR BOLT AND EXPANDING ANCHOR (NOT SHOWN) TO STABILIZE WOOD 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 TRANSFERABLE TO STEEL POLE IN WHOLE OR PART WHERE STEEL STRAIN POLE IS USED. (POWER SIGNAL CABLE, METER, ETC.) FIELD ENGINEER TO MAKE DETERMINATION. STEEL STRAIN POLE APPLICATIONS MAY VARY AS TO MOUNTING ON POLE: USE OF CLAMPS, BANGED BRACKETS, ETC. ARE STD. - FIELD ENGINEER TO DETERMINE BEST TYPE APPLICATIONS.



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SHEET 5 OF 8