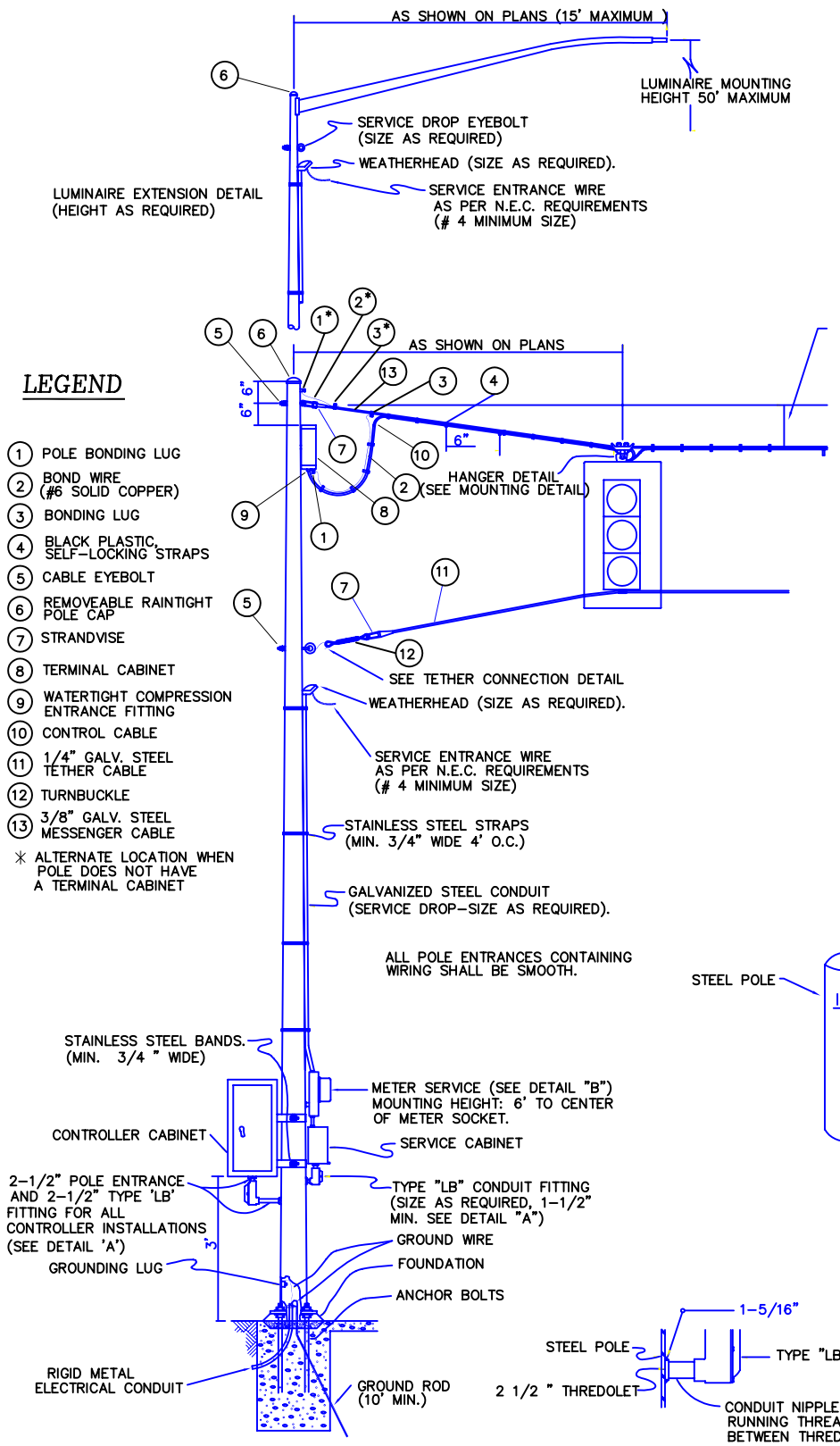
NOTE: DRAWING NOT TO SCALE

ALL EYEBOLTS, BOLTS, NUTS, AND WASHERS SHALL BE GALV. STEEL UNLESS NOTED OTHERWISE, ALL SET SCREWS SHALL BE MIN. DIA. 1/4" STAINLESS STEEL WITH SQUARE OR HEX HEADS. ALL SPANWIRE HANGERS AND PLUMBIZERS SHALL BE CAST BRONZE.

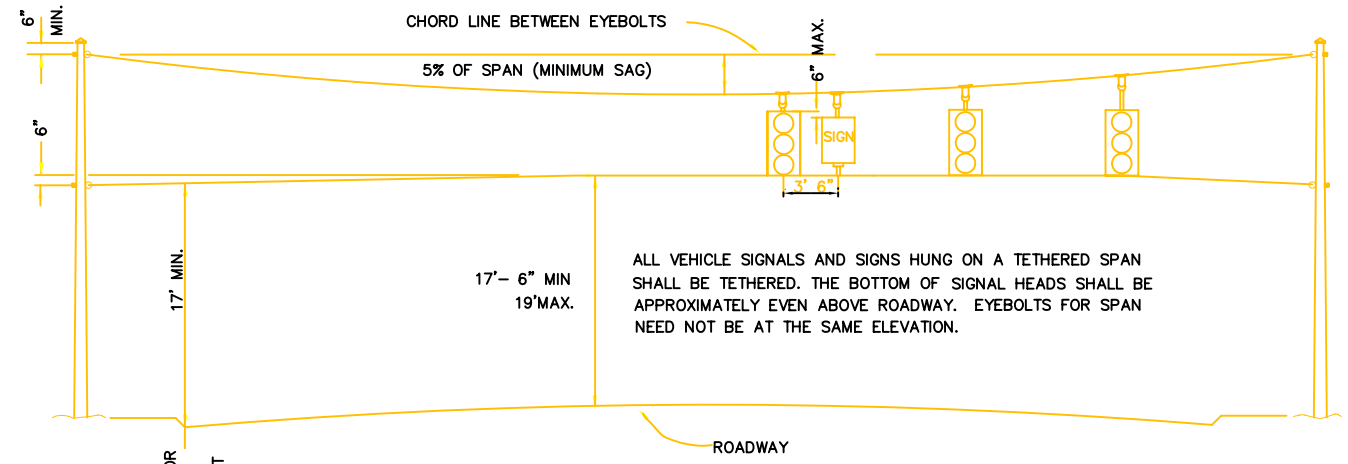


LEGEND

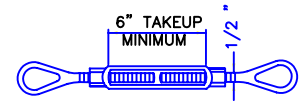
1. POLE BONDING LUG
2. BOND WIRE (#6 SOLID COPPER)
3. BONDING LUG
4. BLACK PLASTIC, SELF-LOCKING STRAPS
5. CABLE EYEBOLT
6. REMOVEABLE RAINTIGHT POLE CAP
7. STRANDVISE
8. TERMINAL CABINET
9. WATERTIGHT COMPRESSION ENTRANCE FITTING
10. CONTROL CABLE
11. 1/4" GALV. STEEL TETHER CABLE
12. TURNBUCKLE
13. 3/8" GALV. STEEL MESSENGER CABLE

✳ ALTERNATE LOCATION WHEN POLE DOES NOT HAVE A TERMINAL CABINET

STRAIN POLE

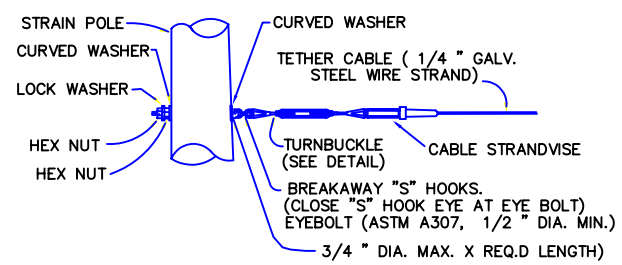


TYPICAL SPAN WIRE INSTALLATION WITH TETHER CABLE



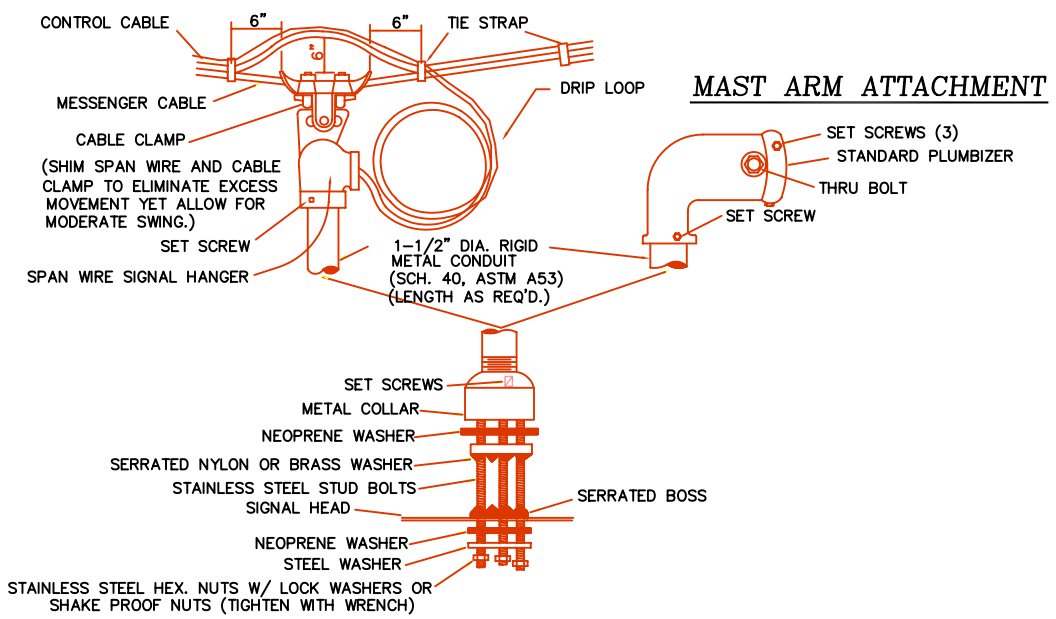
TURNBUCKLE DETAIL

TURNBUCKLES SHALL BE CONSTRUCTED OF HOT -DIPPED GALVANIZED STEEL WITH A MINIMUM WORKING LOAD OF 2200 POUNDS.



CONNECTION DETAIL FOR TETHER CABLE

MESSENGER CABLE ATTACHMENT

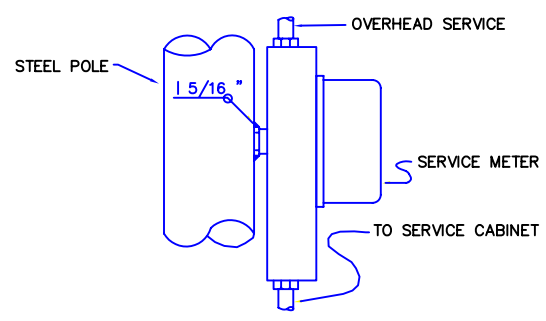


NOTE: ALL SET SCREWS SHALL BE DRILLED AND TAPPED THROUGH THE FIRST WALL OF CONDUIT. SET SCREW SHALL NOT EXTEND MORE THAN 1/2" INSIDE CONDUIT.

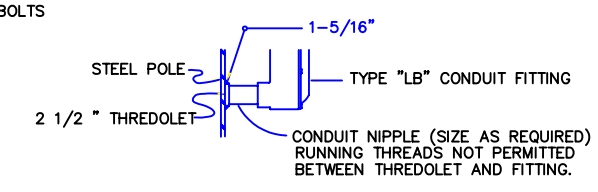
MAST ARM ATTACHMENT

VEHICLE SIGNAL MOUNTING DETAIL

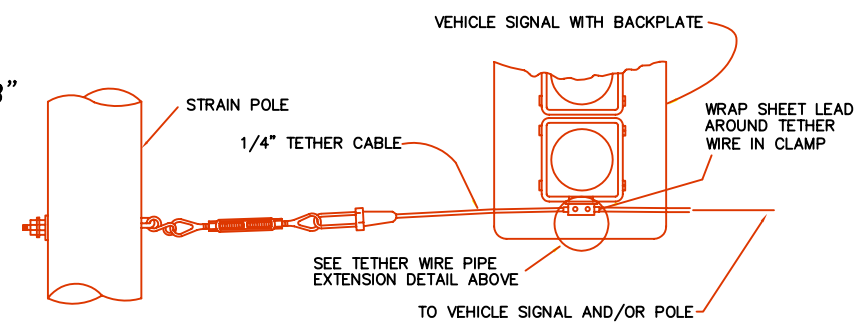
TRI-STUD ADAPTER - (ALL BOLTS, WASHERS AND NUTS SHALL BE STAINLESS STEEL.)



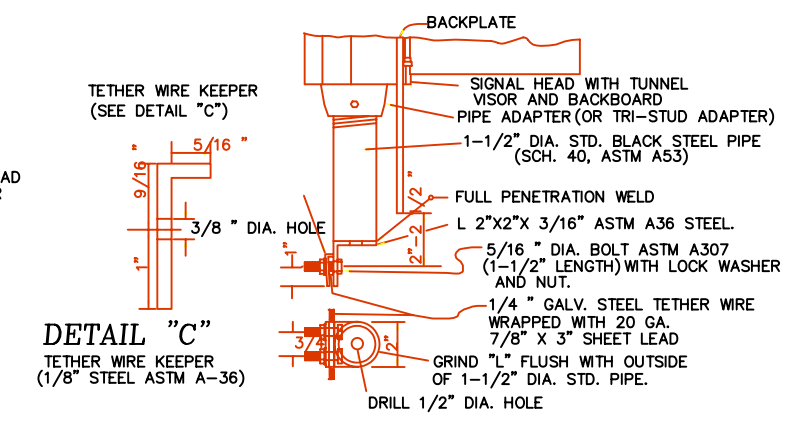
DETAIL "B"



DETAIL "A"



TETHER CABLE CONNECTION DETAIL



DETAIL "C"

TETHER WIRE KEEPER (1/8" STEEL ASTM A-36)

TETHER WIRE PIPE EXTENSION

NOTE: PAINT ALL METAL PARTS WITH TWO COATS APPROVED ZINC RICH PRIMER AND TWO COATS APPROVED FLAT BLACK WEATHER-RESISTANT PAINT.

NO	REVISION	DATE	BY	APPR.
1	FORMERLY TS-100	6/91	J.E.	J.E.
2	STD. DWG 5-1	4/94	D.B.	S.M.
3	DRAWING UPDATE	5/01	D.B.	B.B.

	BY	DATE
DRAWN:	DRB	10/93
DESIGNED:		
CHECKED:		
APPROVED:		
FILENAME:	TS05_1	

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TRANSPORTATION DIVISION
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SPRINGFIELD, OR. 97477
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SPRINGFIELD TRANSPORTATION DIVISION

SPAN WIRE STABILIZATION

STANDARD DRAWING

5-1