

PROJ: LPS\_Standards.dwg  
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 DATE: 2/19/2016  
 DGN: ..\STANDARD\2016\lp78s1.dgn

CITY OF LINCOLN NEBRASKA	PROJECT NO.	SHEET NO.
	LSP 78	1
Date: 1/29/2016	Drawn: DLS/CAW	
Horz. Scale:	Checked:	
	Approved:	



24"

30"

GREEN PAINTED 2 1/2" POUNDS PER FOOT STEEL CHANNEL POST. HOLES SHALL BE 1" APART FULL LENGTH OF POST. POST SHALL BE 9' LONG

THIS HOLE ON GROUND SLEEVE SHALL LINE UP WITH THE SECOND HOLE FROM THE BOTTOM OF CHANNEL POST

STEEL CHANNEL POST

3 1/2" TO 4" BOLTS WITH NYLON LOCKING NUTS AND STEEL WASHERS ON BOTH SIDES

GALVANIZED TAPCO WEDGE SWI OR APPROVED EQUIVALENT SHALL BE INSTALLED WITH REMOVAL HOLE JUST ABOVE THE TOP OF ANCHOR

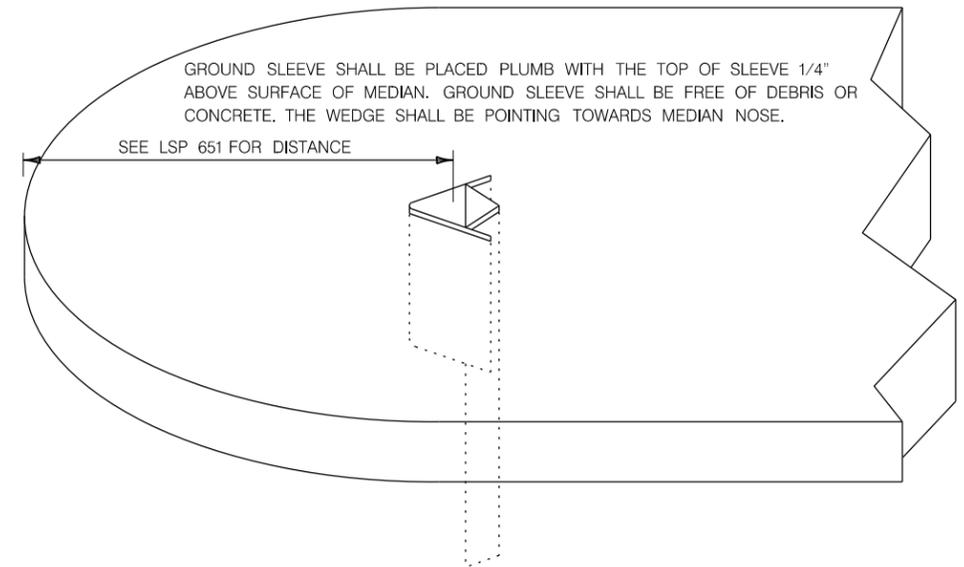
GALVANIZED TAPCO ADAPTER 19-UCA-18-18" IN LENGTH OR APPROVED EQUIVALENT

INSTALL ADAPTER WITH BREAKAWAY HOLES JUST ABOVE GROUND SLEEVE.

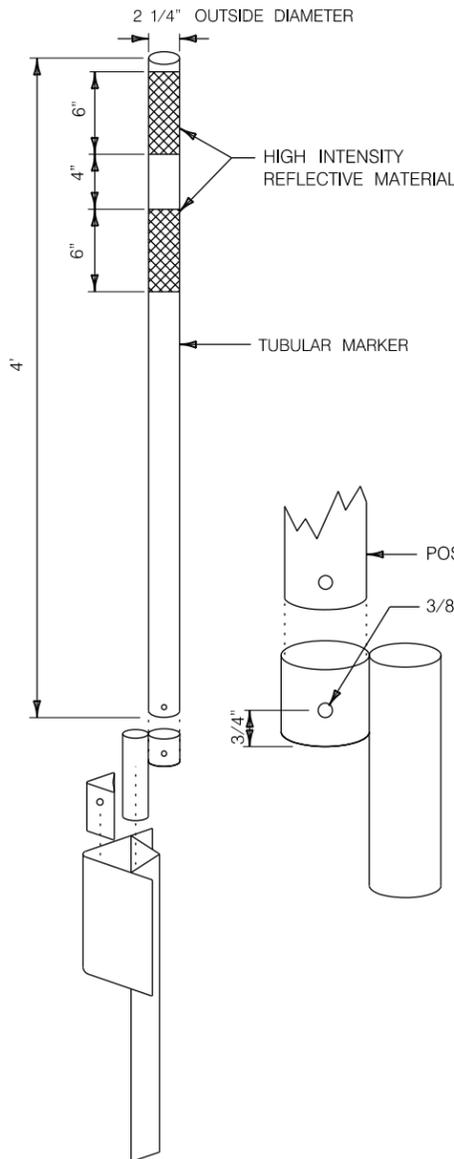
TAPCO ANCHOR 19-VRI 18" IN LENGTH OR APPROVED EQUIVALENT

ANTI TURN BOLT SHALL ALWAYS FACE TO THE BACK OF GROUND SLEEVE.

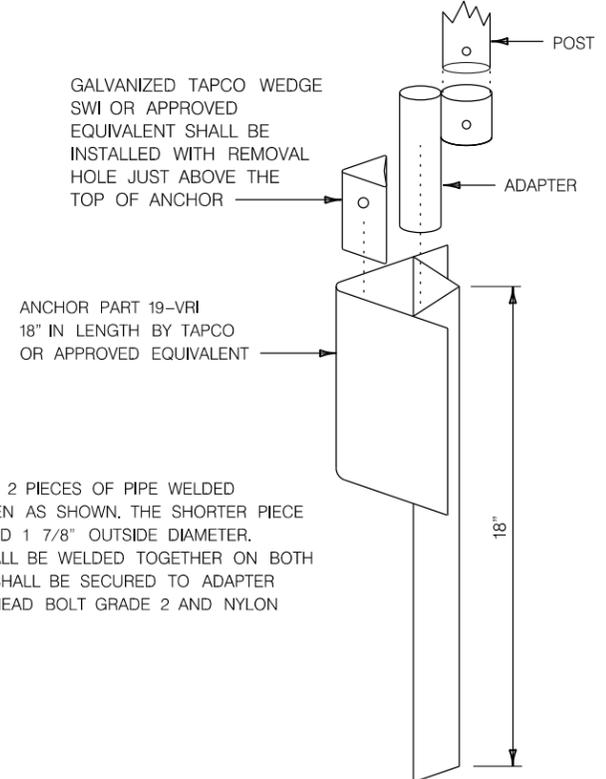
**KEEP RIGHT DETAIL**



**GROUND SLEEVE MEDIAN PLACEMENT DETAIL**



**TUBULAR MARKER DETAIL**

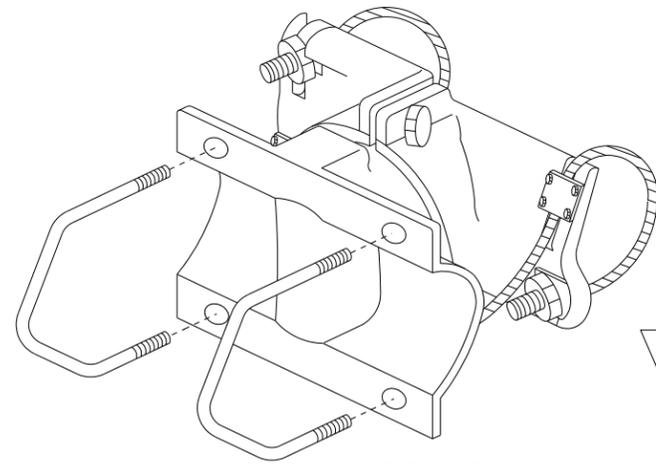


ADAPTER WILL CONSIST OF 2 PIECES OF PIPE WELDED TOGETHER, WITH TOPS EVEN AS SHOWN. THE SHORTER PIECE WILL BE 2" IN LENGTH AND 1 7/8" OUTSIDE DIAMETER. BOTH PIECES OF PIPE SHALL BE WELDED TOGETHER ON BOTH SIDES. TUBULAR MARKER SHALL BE SECURED TO ADAPTER USING A 3" X 5/16" HEX HEAD BOLT GRADE 2 AND NYLON LOCKING NUT.

EFFECTIVE DATE FEBRUARY 4, 2016



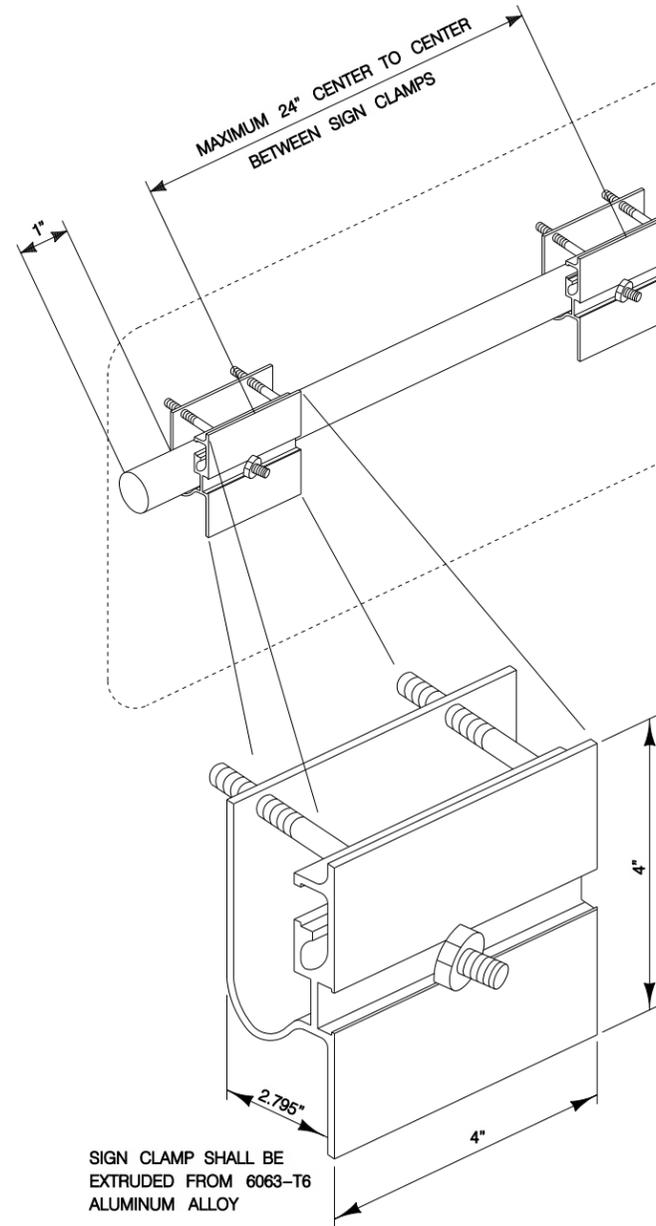
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 USER: elocaw  
 DATE: 9/27/2011  
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**CLAMP KIT**

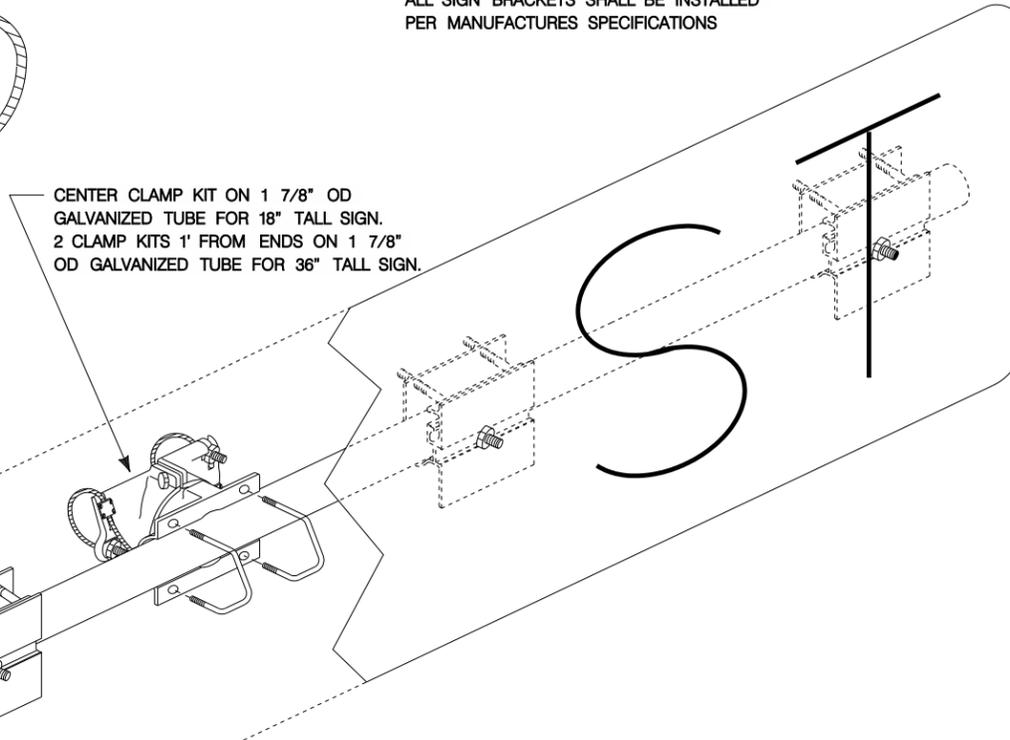
CENTER CLAMP KIT ON 1 7/8" OD GALVANIZED TUBE FOR 18" TALL SIGN.  
 2 CLAMP KITS 1' FROM ENDS ON 1 7/8" OD GALVANIZED TUBE FOR 36" TALL SIGN.

NOTE:  
 NYLON WASHERS SHALL BE INSTALLED BETWEEN SIGN FACE AND STAINLESS STEEL WASHERS.  
 ALL SIGN BRACKETS SHALL BE INSTALLED PER MANUFACTURES SPECIFICATIONS

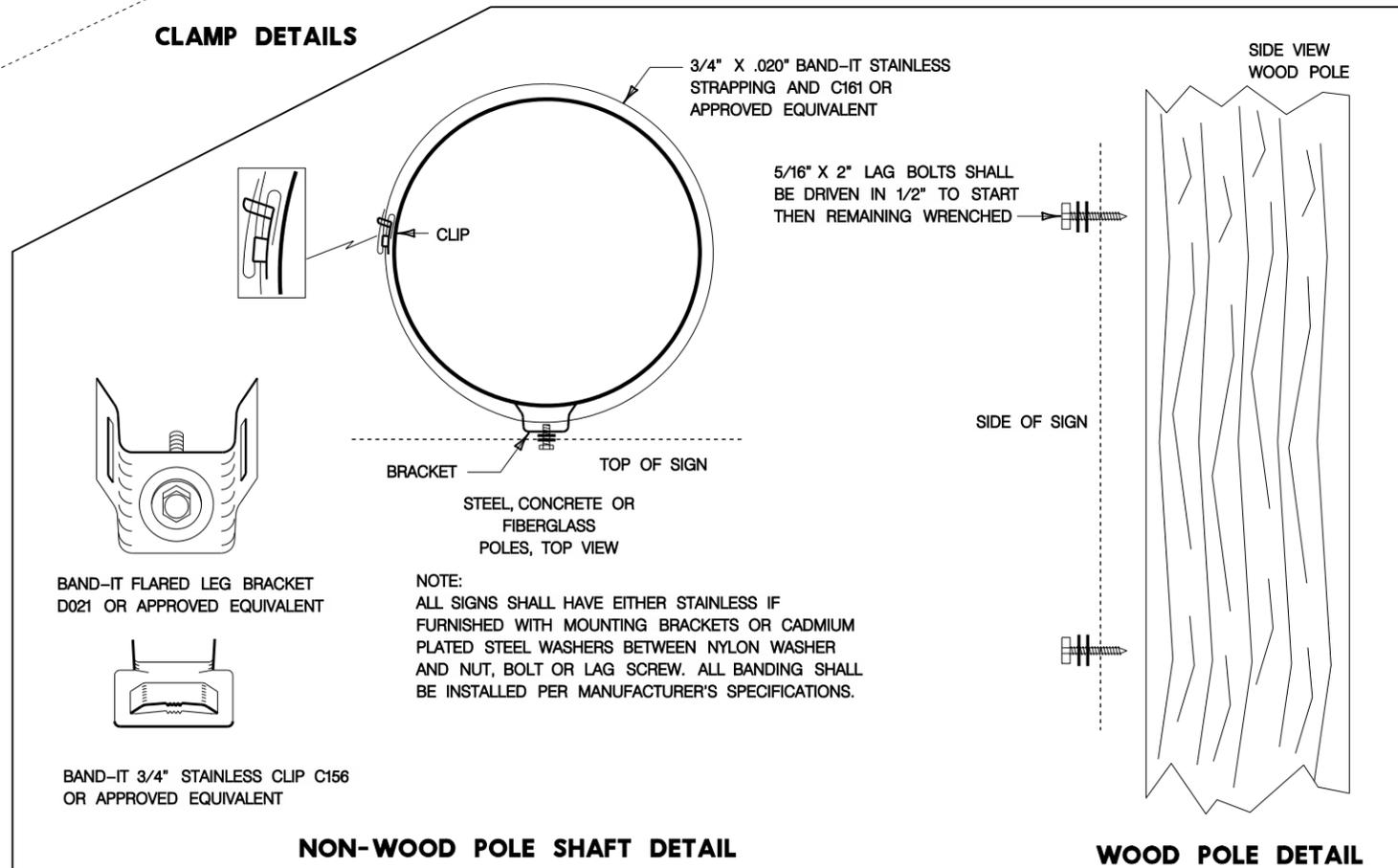


MAXIMUM 24" CENTER TO CENTER BETWEEN SIGN CLAMPS

SIGN CLAMP SHALL BE EXTRUDED FROM 6063-T6 ALUMINUM ALLOY



**CLAMP DETAILS**



3/4" X .020" BAND-IT STAINLESS STRAPPING AND C161 OR APPROVED EQUIVALENT

5/16" X 2" LAG BOLTS SHALL BE DRIVEN IN 1/2" TO START THEN REMAINING WRENCHED

BRACKET  
 TOP OF SIGN  
 STEEL, CONCRETE OR FIBERGLASS POLES, TOP VIEW

BAND-IT FLARED LEG BRACKET D021 OR APPROVED EQUIVALENT

BAND-IT 3/4" STAINLESS CLIP C156 OR APPROVED EQUIVALENT

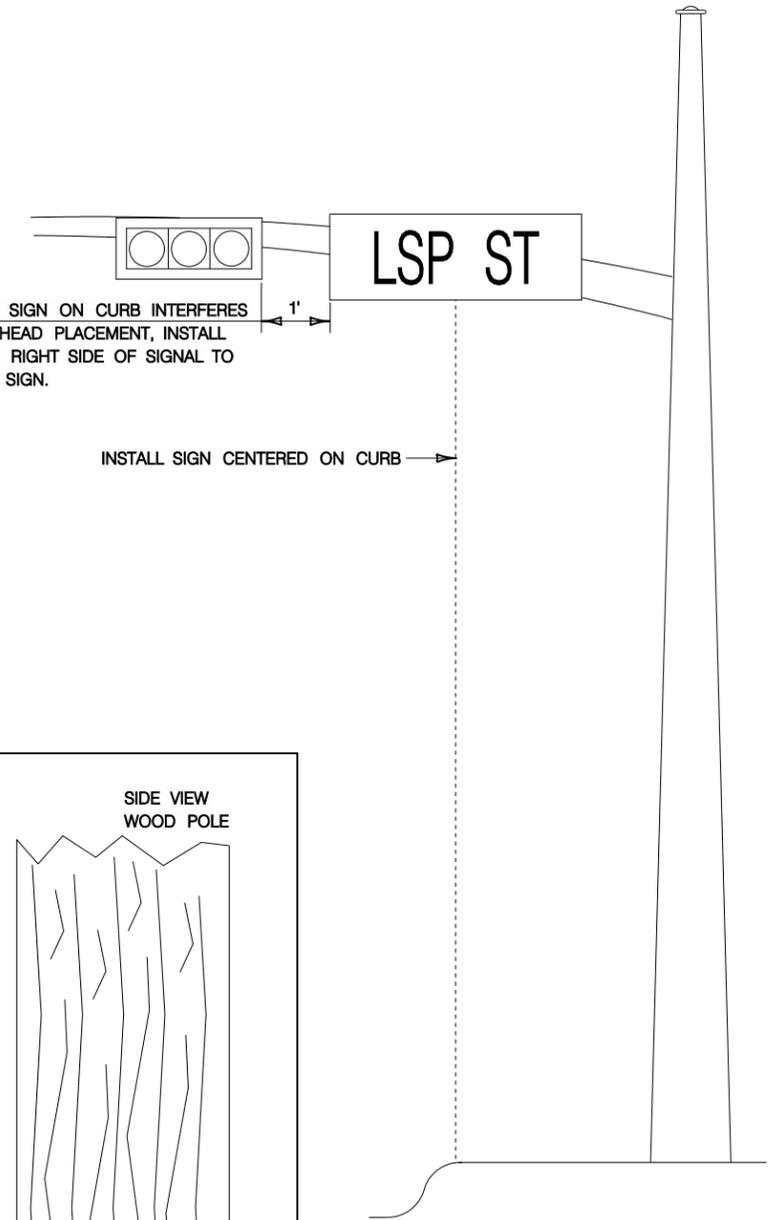
NOTE:  
 ALL SIGNS SHALL HAVE EITHER STAINLESS IF FURNISHED WITH MOUNTING BRACKETS OR CADMIUM PLATED STEEL WASHERS BETWEEN NYLON WASHER AND NUT, BOLT OR LAG SCREW. ALL BANDING SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

**NON-WOOD POLE SHAFT DETAIL**

**WOOD POLE DETAIL**

IF CENTERING SIGN ON CURB INTERFERES WITH SIGNAL HEAD PLACEMENT, INSTALL SIGN 1' FROM RIGHT SIDE OF SIGNAL TO LEFT SIDE OF SIGN.

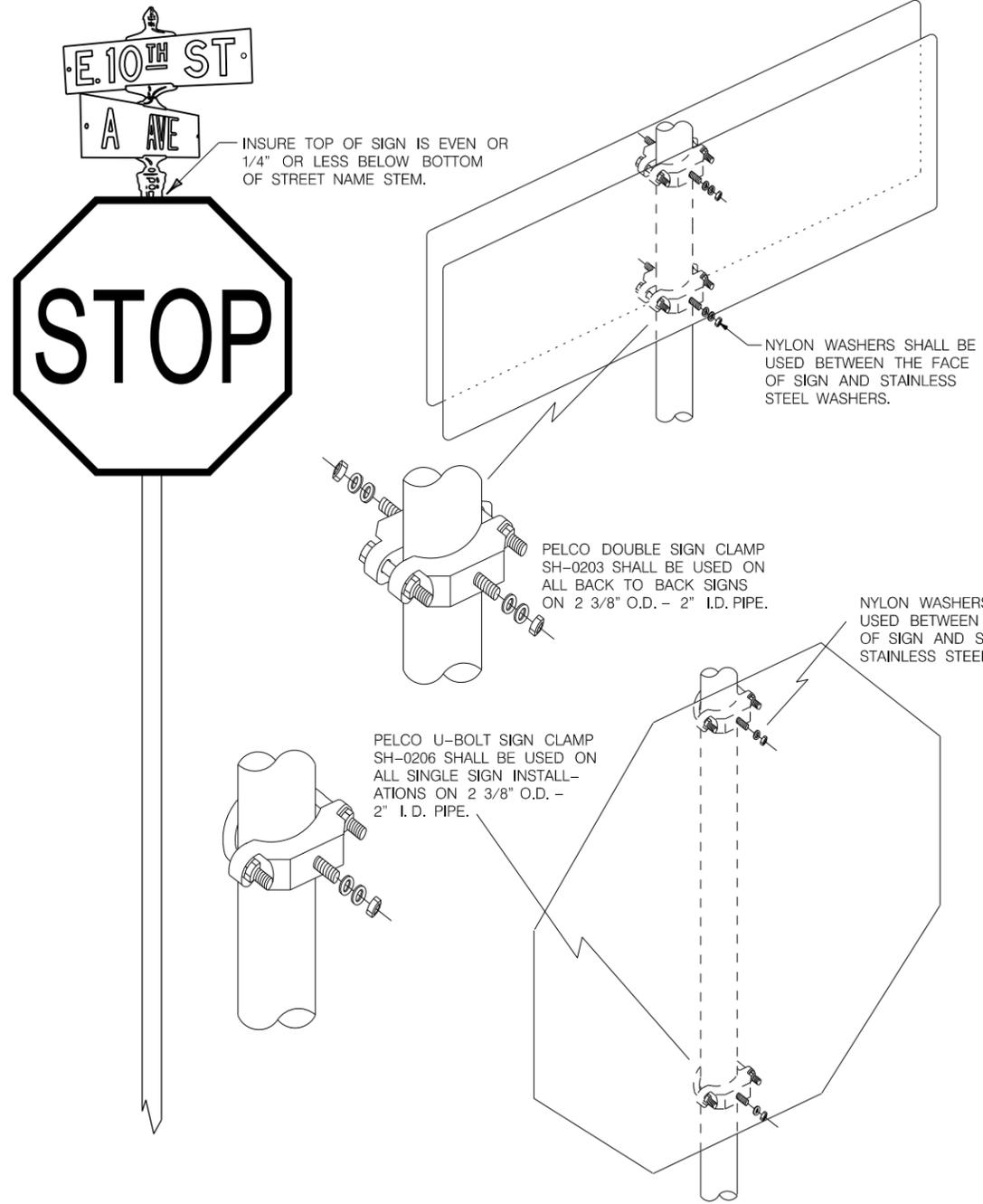
INSTALL SIGN CENTERED ON CURB



**MAST ARM POLE DETAIL**



EFFECTIVE JULY 1, 2011 - SIGNS L.S.P. 78



**ROUND POST APPLICATIONS**

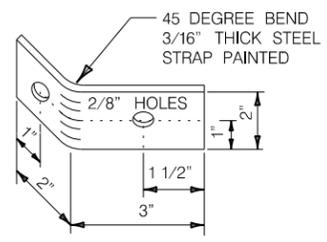
**SIGN BRACKETS**

**9' POSTS**  
 THESE POSTS SHALL BE USED ON ALL BREAK-AWAY LOCATIONS, WHERE SIGNS SUCH AS KEEP RIGHT, U-TURN PERMITTED AND LANE USAGE SIGNS ARE INSTALLED. (SEE BREAK-AWAY LSP)

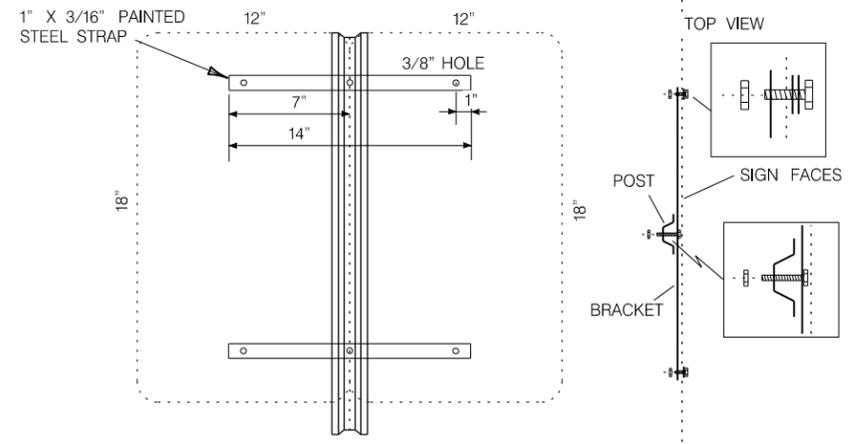
**11' POSTS**  
 SIGNS 18" X 24" OR SMALLER SHALL BE USED ON 11' POSTS. COMBINATIONS OF SIGNS MAY BE USED. EXAMPLE TWO 12' X 18" SIGNS SIDE BY SIDE WITH ADDITIONAL SIGN BELOW SUCH AS A BUS STOP, OR SNOW ROUTE WITH NO PARKING. (SEE BELOW FOR GUIDANCE)

**12' THRU 14' POSTS** MAY BE ORDERED UP TO BUT NOT EXCEEDING 14' IN LENGTH.

9' TO 12' POSTS SHALL BE INSTALLED 2.5' DEEP.  
 12' TO 14' POSTS SHALL BE INSTALLED 3' DEEP.



THIS BRACKET CAN BE USED WHEN ONE SIGN SUCH AS A NO PARKING WITH ARROW NEEDS TO BE INSTALLED AT A 45 DEGREE ANGLE BELOW OTHER SIGN THAT IS FACING TRAFFIC. 5/16" BOLTS SHALL BE USED FOR INSTALLATION. NO PART NUMBER MUST BE PRE APPROVED.



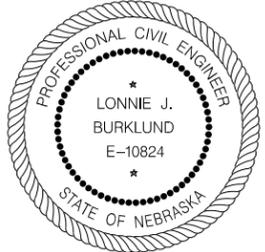
THESE BRACKETS CAN BE USED TO INSTALL NO PARKING SIZE SIGNS THAT HAVE OPPOSING ARROWS. THE BOLTS THAT HOLD THE BRACKETS TO THE POST SHALL BE BEHIND THE SIGNS AND SHALL BE 5/16" X 2 1/2" TO 3" IN LENGTH DEPENDING ON SIZE OF POST. THE SIGNS SHALL BE BOLTED TO BRACKETS USING 5/16" X 1" BOLTS WITH NYLON WASHERS. THERE MAY ALSO BE AN ADDED SIGN BELOW THIS ASSEMBLY BUT NOT LARGER THAN THE ASSEMBLY.

**CHANNEL POST APPLICATIONS**

**NOTE:**  
 SIGNS 4' OR GREATER IN WIDTH SHALL HAVE TWO CHANNEL POSTS OR A CHANNEL POST AND POLE COMBINATION (IF THE POLE IS IN THE CORRECT SIGN LOCATION) OR A SIGN BRACKET AS SHOWN FOR METRO STREET NAME SIGNS ON LSP 78, SHEET 2.



EXAMPLE: THIS COMBINATION OF SIGNS REQUIRES THE INSTALLATION OF A 14' POST.

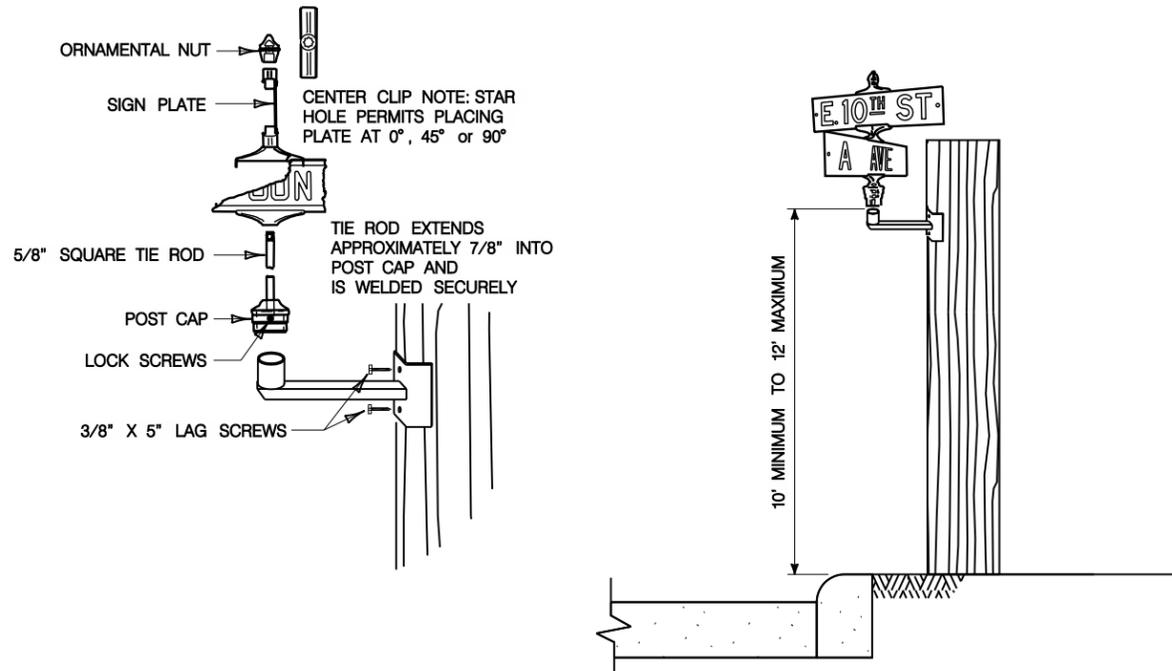


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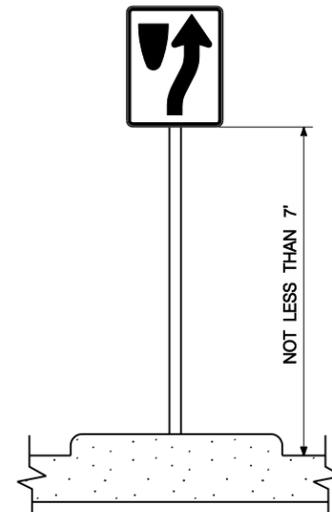


PROJECT NO.	SHEET NO.
LSP 78	4
Date: 6/10/2011	Drawn: APW/CAW
	Checked:
	Approved:

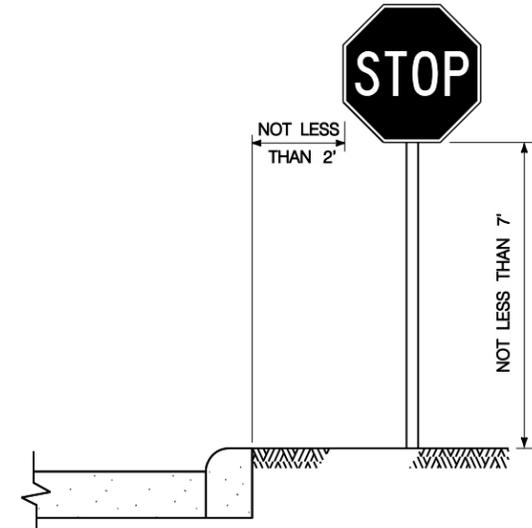
LSP 78



**STREET NAME SIGN ASSEMBLY ON WOOD POLE**



**MEDIAN SIGN**



**ROADSIDE SIGN**



**EFFECTIVE JULY 1, 2011 - SIGNS  
 L.S.P. 78**

LSP

This document was originally issued and sealed by Erin E. Sokolik, E-12777, on 6-24-11. This media should not be considered a certified document.