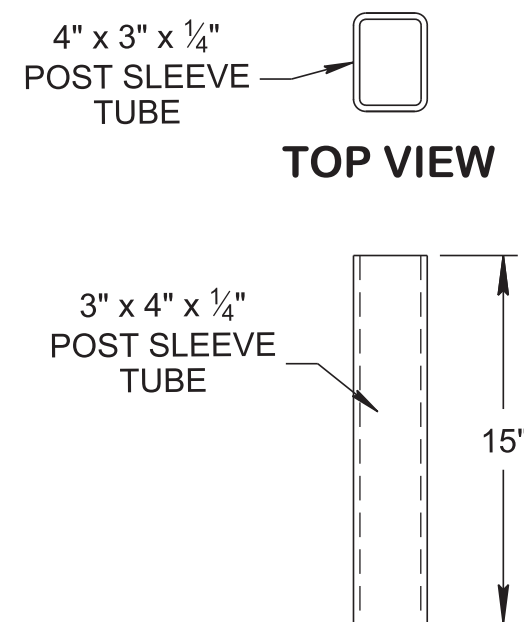


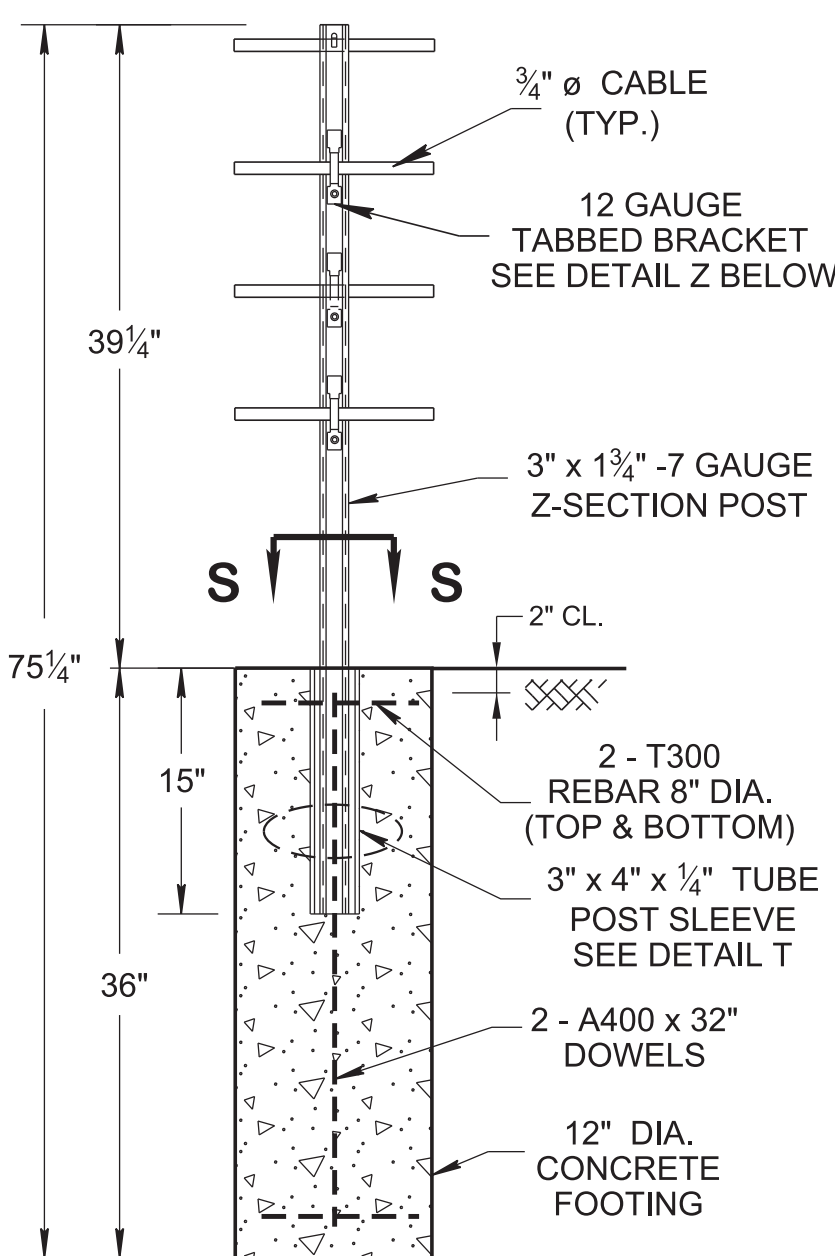
SECTION VIEW S-S



TOP VIEW

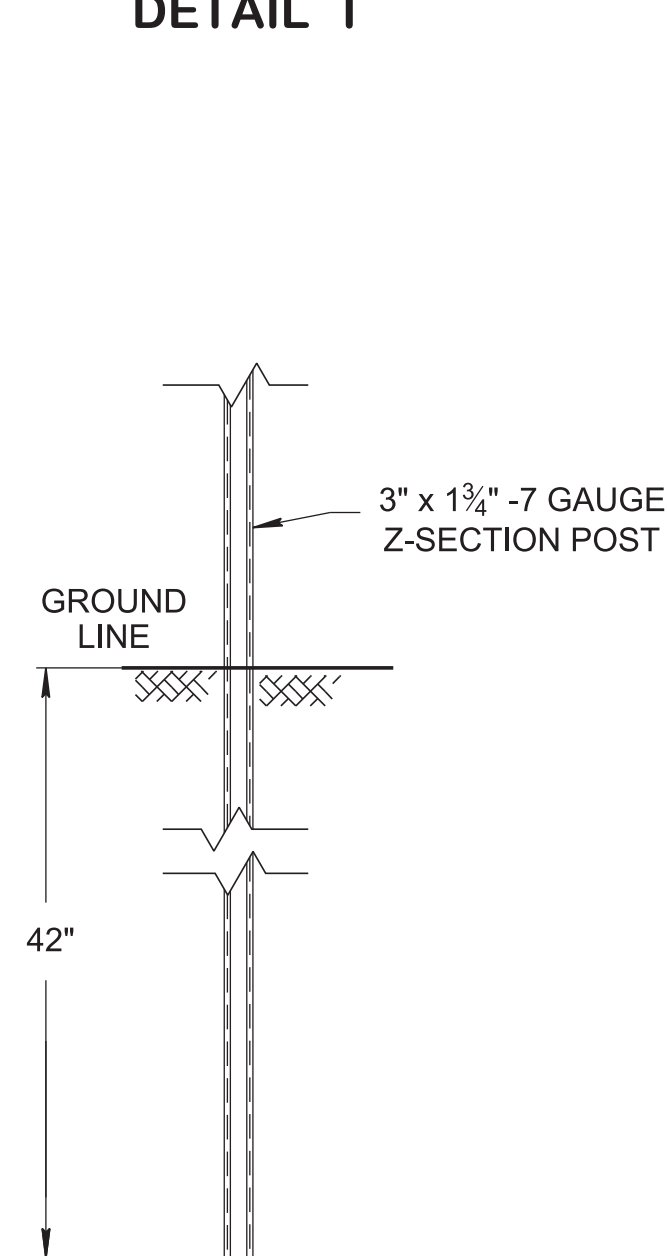
SIDE VIEW

**ISOMETRIC VIEW
DETAIL T**



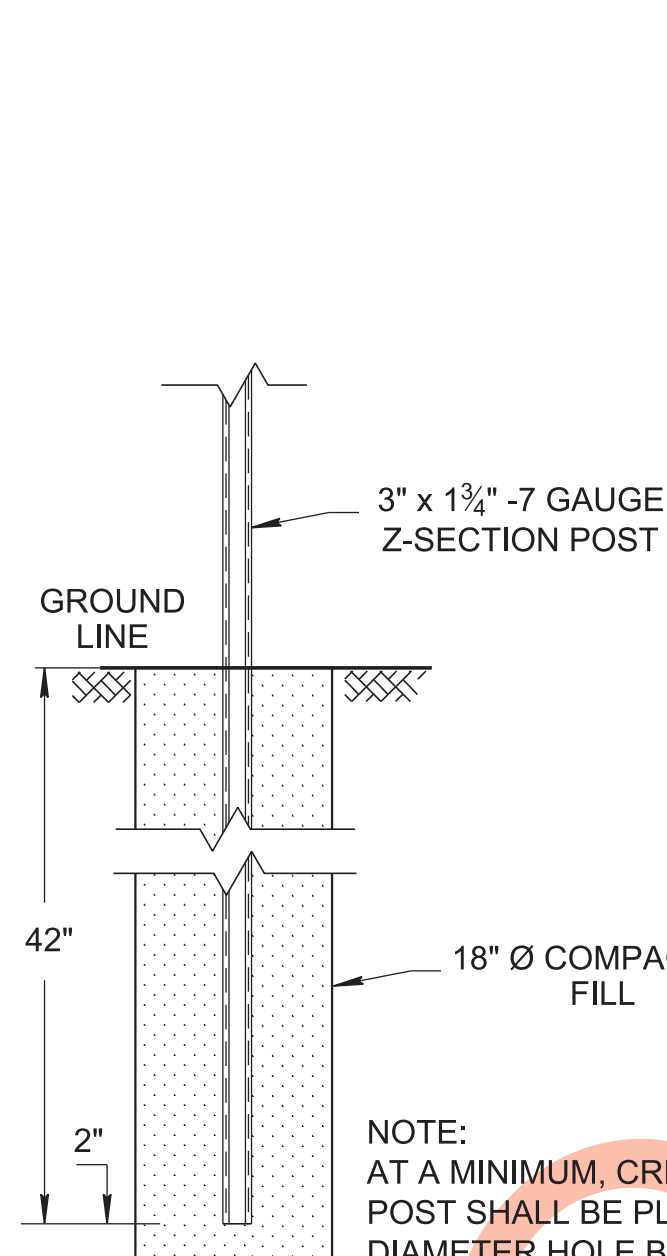
**SOCKETED CONCRETE FOOTING
TYPE I**

(USE AT LOCATIONS WITH WEAK SOIL)



**DRIVEN IN STRONG SOIL
TYPE II**

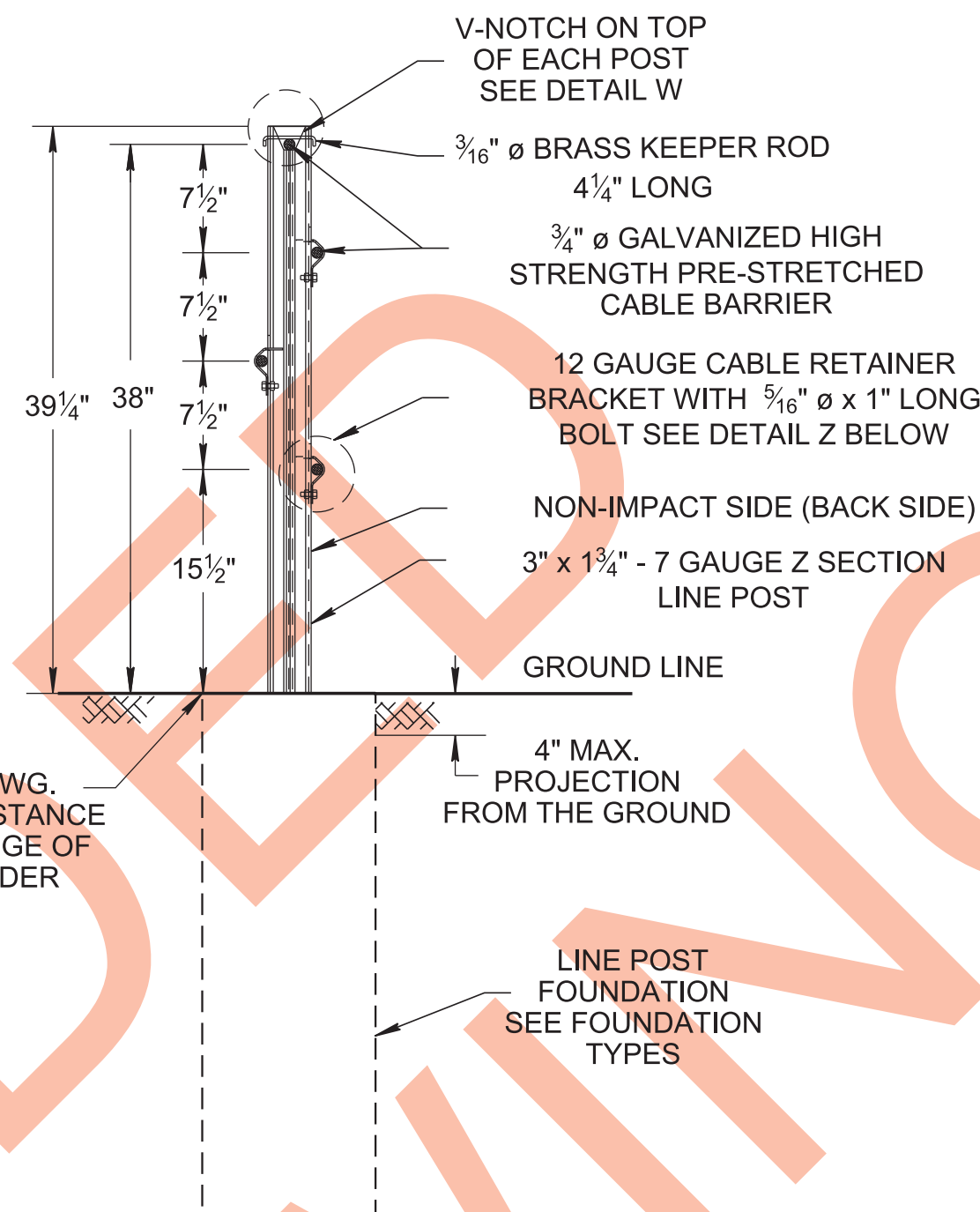
(USE AT LOCATIONS WITH STRONG SOIL)



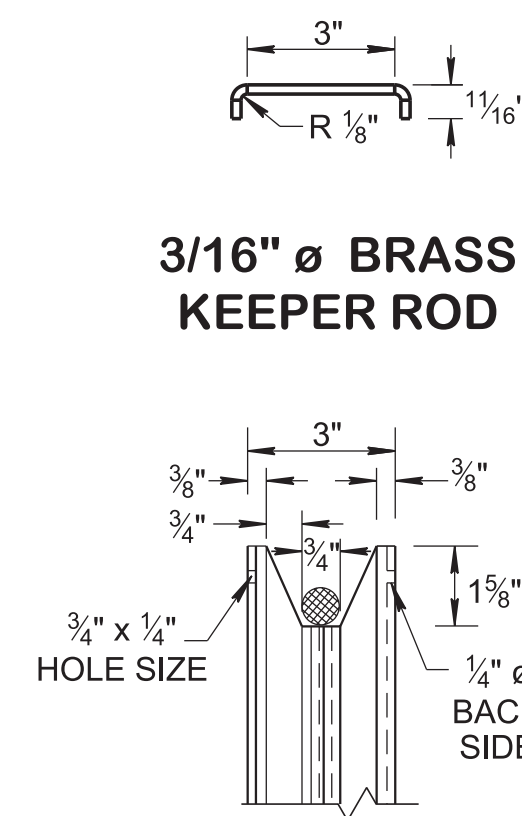
**DRIVEN IN WEAK SOIL
TYPE III**

(USE AT LOCATIONS WITH WEAK SOIL)

**REAR VIEW
LINE POST FOUNDATION TYPES**

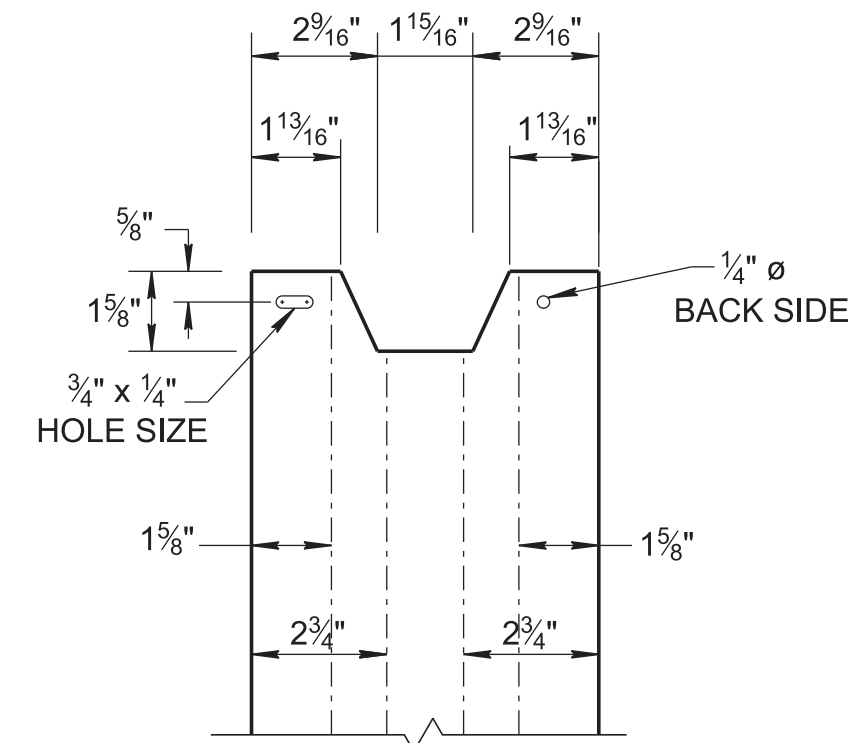


**SIDE VIEW
LINE POST TOP DETAIL**

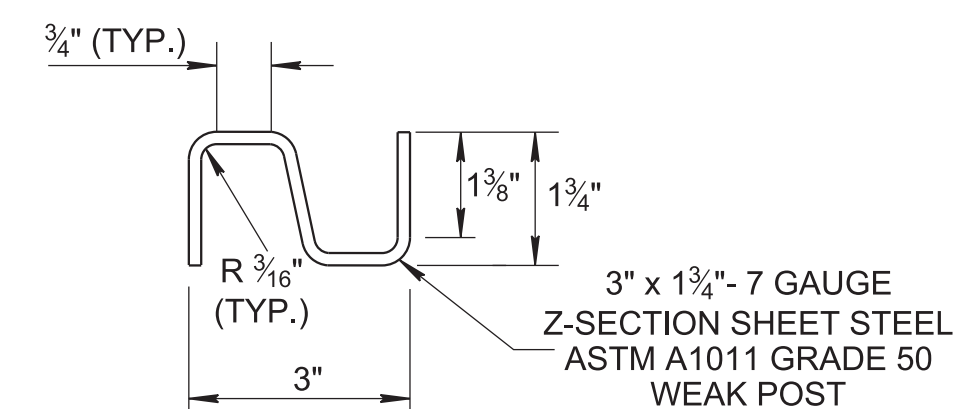


3/16\"/>

**DETAIL W
FOR V-NOTCH ON
TOP OF POST**



**Z-POST FLAT
PATTERN**



**PLAN VIEW
Z-SECTION LINE POST**

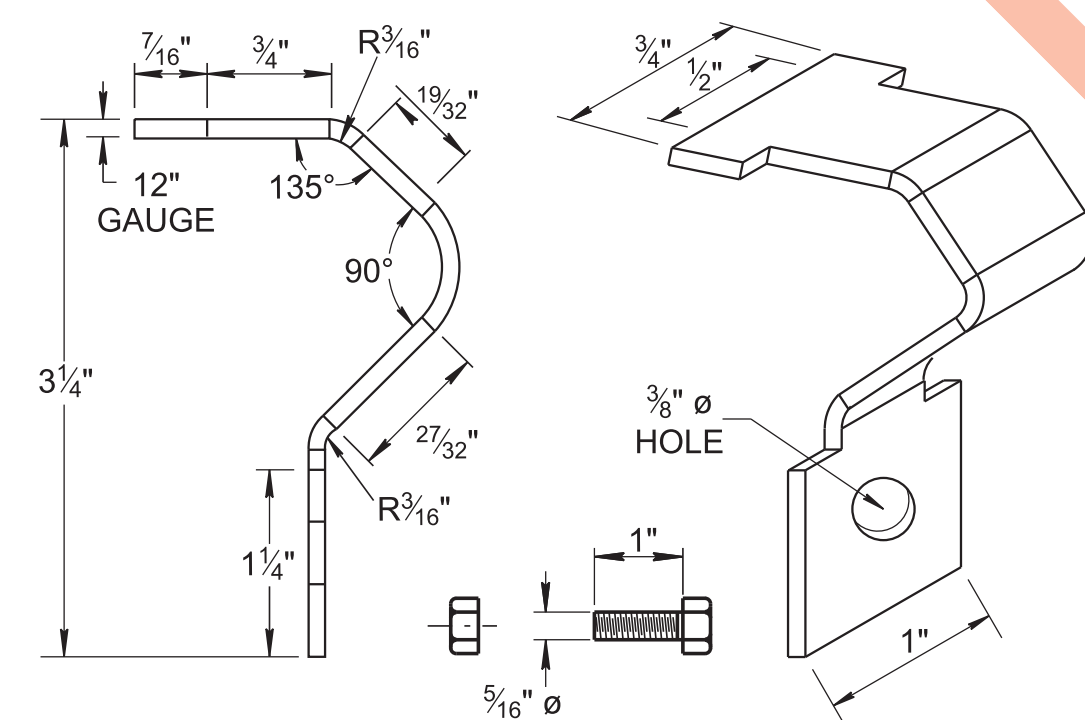
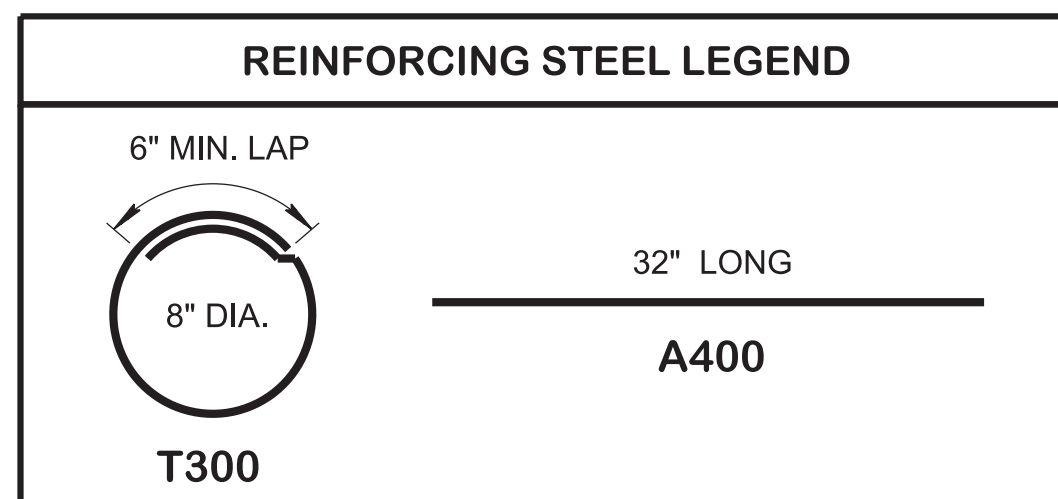
NOTE:
AT A MINIMUM, CRITICAL DRIVEN
POST SHALL BE PLACED IN 18"
DIAMETER HOLE BACKFILLED AND
TAMPED IN WELL COMPACTED SOIL.

GENERAL NOTES

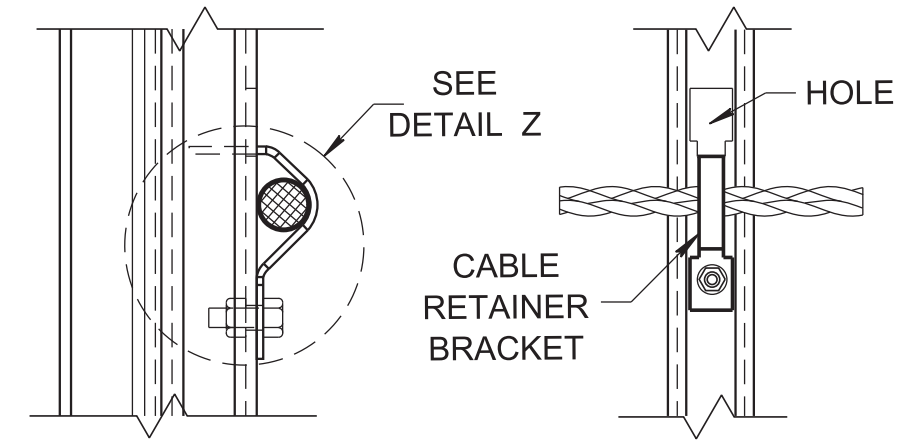
- (A) CABLE BARRIER ANCHOR CONCRETE FOUNDATION SHALL BE CONSTRUCTED WITH CLASS 'A' CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI, AND MIXED IN ACCORDANCE WITH SECTION 604 OF THE STANDARD SPECIFICATIONS.
- (B) CONCRETE FOUNDATION REINFORCING STEEL: TO BE ASTM A615. PLACE ALL STEEL REINFORCEMENT 2" MINIMUM FROM OUTSIDE FACE OF WALL, EXCEPT AS OTHERWISE SHOWN. ALL REINFORCING STEEL BARS ARE TO BE EPOXY COATED MEETING ALL REQUIREMENTS OF ASTM D3963.
- (C) ALL TUBES SHALL CONFORM TO ASTM A500 GRADE B AND BE GALVANIZED. ALL LINE POSTS SHALL BE Z-SECTION 3"x1 1/4" 7 GAUGE SHEET STEEL ASTM A1011 GRADE 50. ALL BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED.
- (D) ALL WELDING SHALL BE PERFORMED BY A WELDER QUALIFIED IN ACCORDANCE WITH THE AASHTO/AWS D1.5M/D1.5 BRIDGE WELDING CODE (LATEST EDITION).
- (E) REFER TO STANDARD DRAWINGS S-CB-2, S-CB-3, S-CB-3A AND S-CB-4 FOR CABLE BARRIER DETAILS.
- (F) THE DETAILS SHOWN ON THIS DRAWING ARE BASED ON RESULTS OF FULL SCALE CRASH TESTS TO MASH TEST 3-11. REFER TO ENGINEER SHOP DRAWINGS FOR DETAILS NOT SHOWN ON THIS DRAWING.
- (G) NON-PROPRIETARY HIGH TENSION CABLE MEDIAN BARRIER HAS BEEN EVALUATED BY THE MIDWEST ROADSIDE SAFETY FACILITY AND MEETS MASH TL-3 STANDARDS, AND THE EVALUATION HAS BEEN DOCUMENTED IN THE MIDWEST ROADSIDE MIDWEST STATES POOLED FUND RESEARCH REPORT NO. TRP-03-327-16.
- (H) THE CONCRETE FOUNDATION DESIGN IS BASED ON UNCLASSIFIED IN SITU SOIL ASSUMED TO BE COMPACTED. IF SOIL DOES NOT MEET COMPACTION, THE INSTALLER SHALL SUBMIT AN ALTERNATIVE FOUNDATION DESIGN FOR APPROVAL, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TN. ALL ALTERNATIVE DESIGNS SUBMITTED SHALL SHOW THE FOUNDATION DIMENSIONS AND STEEL REINFORCEMENT.
- (I) ROCK CLAUSE: WHERE SOLID ROCK IS ENCOUNTERED:
 - A FOR SOCKETED POST, CONTINUE DIGGING 12" DIAMETER, 15" DEEP INTO ROCK OR THE REQUIRED PLAN DEPTH, WHICHEVER COMES FIRST.
 - B FOR DRIVEN POST, CORE DRILL A 4" DIAMETER HOLE 18" DEEP INTO ROCK OR THE REQUIRED PLAN DEPTH, WHICHEVER COMES FIRST.
- (J) PAYMENT:
FURNISHING AND INSTALLING FOUNDATIONS, POSTS, POST ASSEMBLIES, SQUARE TUBE, HARDWARE INCLUDING THREADED RODS, NUTS AND BOLTS, WASHERS AND ALL PLATES SHALL BE PAID UNDER ITEM NUMBERS 705-06.40 CABLE BARRIER (MASH TL-3) L.F.

QUANTITIES (PER EACH POST)				
FOOTING LOCATION	DIAMETER (FT.)	DEPTH (FT.)	CONCRETE (C. Y.)	REINFORCING STEEL (LB.)
LINE POST	1'-0"	3'-0"	0.087	5.56

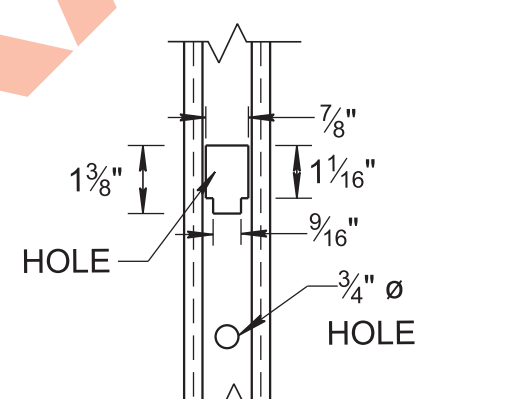
BILL OF STEEL				
BAR TYPE	BAR SIZE	NUMBER REQUIRED	LENGTH	REINFORCING STEEL (LB.)
T300	3	2	2'-8"	2.00
A400	4	2	2'-8"	3.56



**DETAIL Z
CABLE RETAINER BRACKET 12 GAUGE**



**POST AT BRACKET
POST WITH BRACKET**



**FRONT VIEW
POST WITHOUT BRACKET**