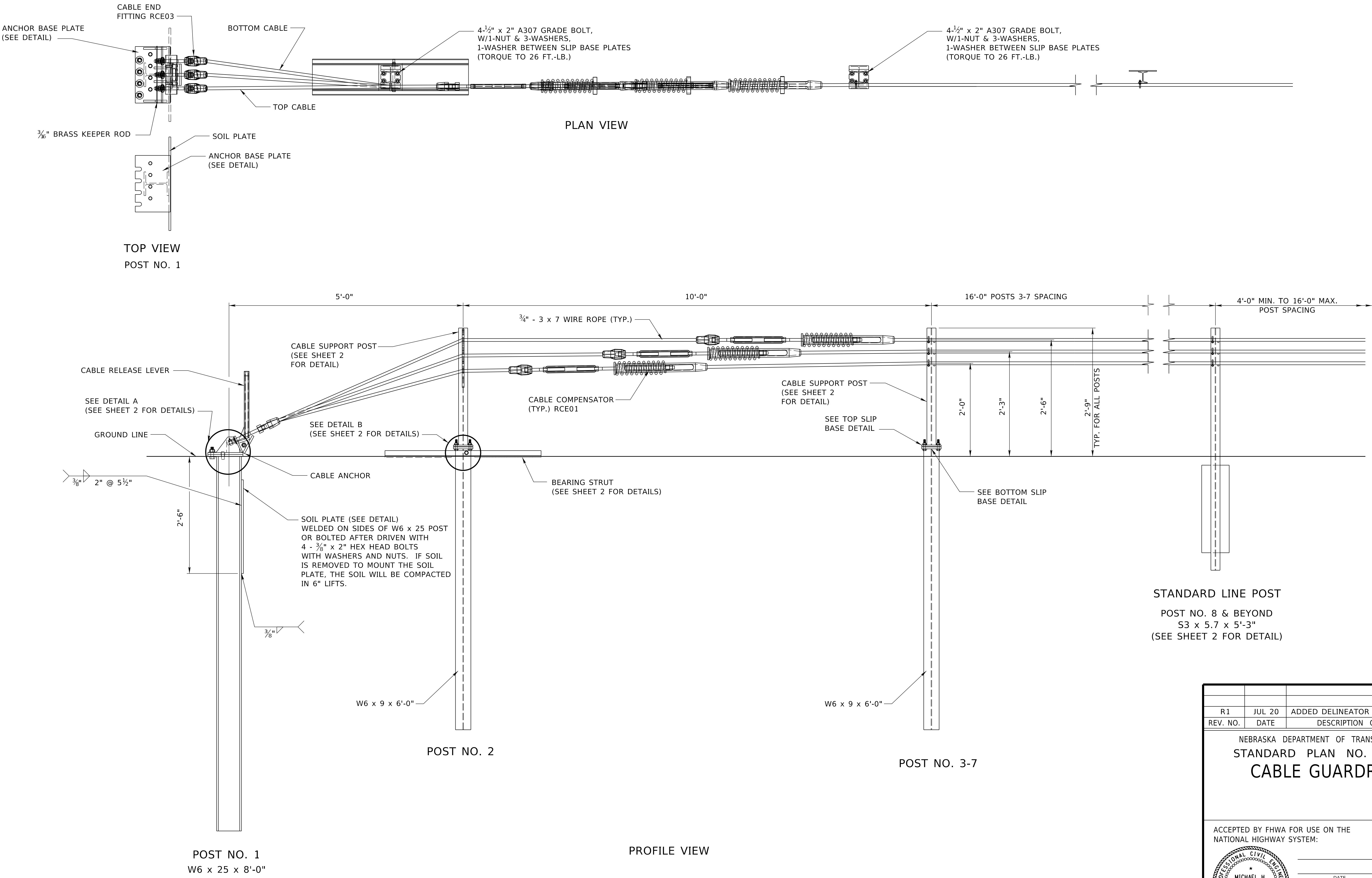
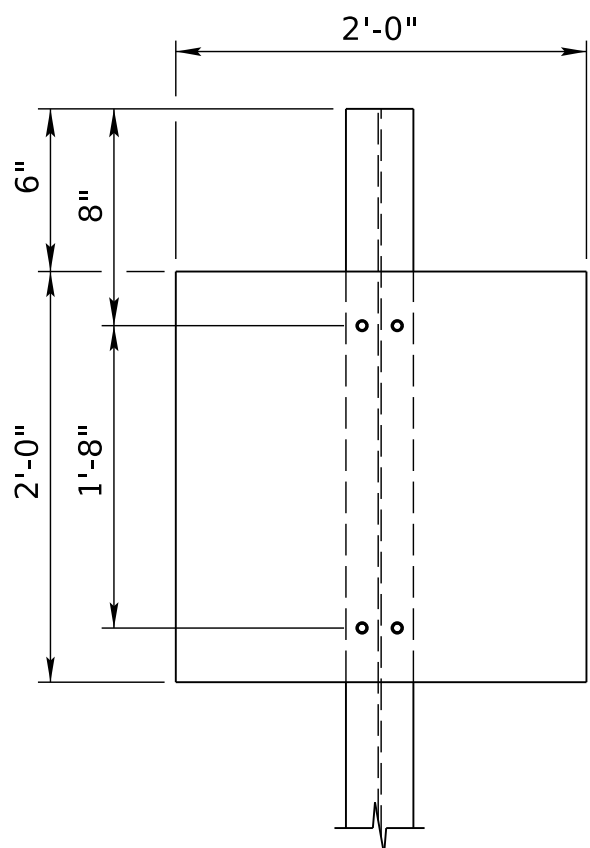
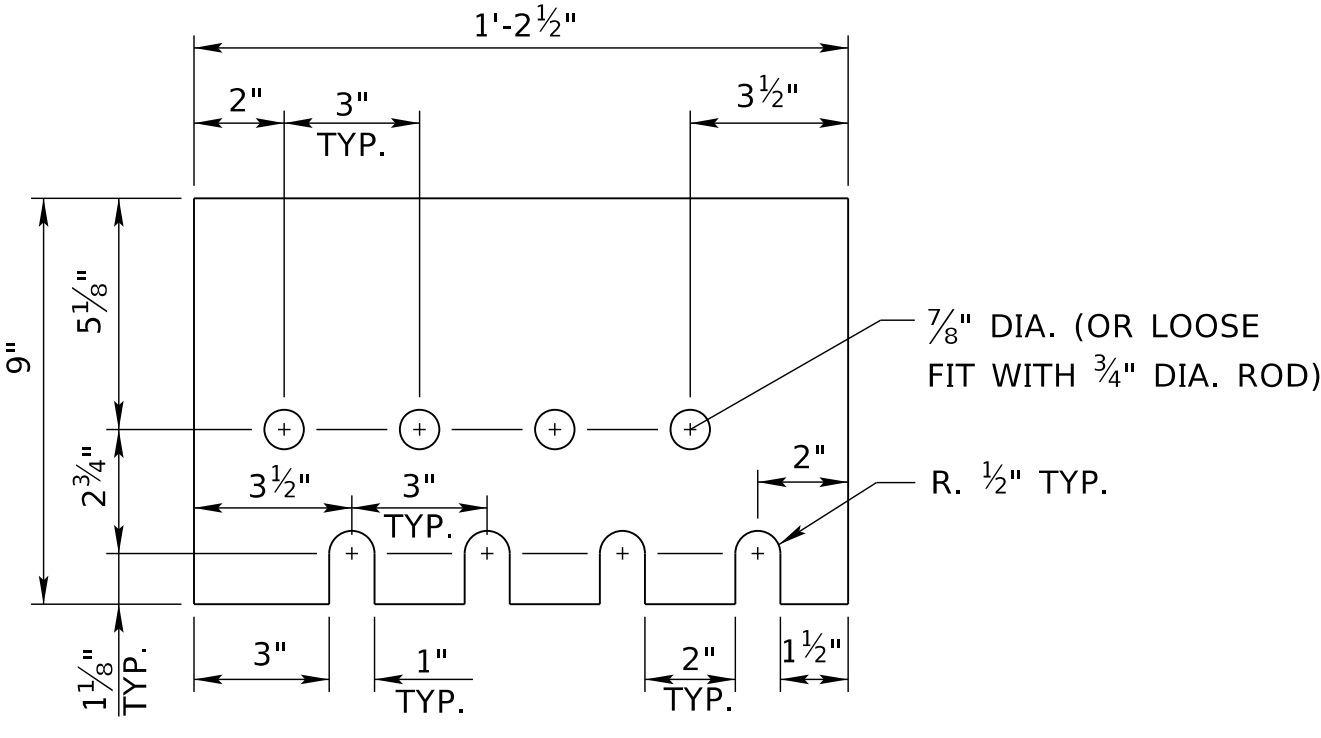




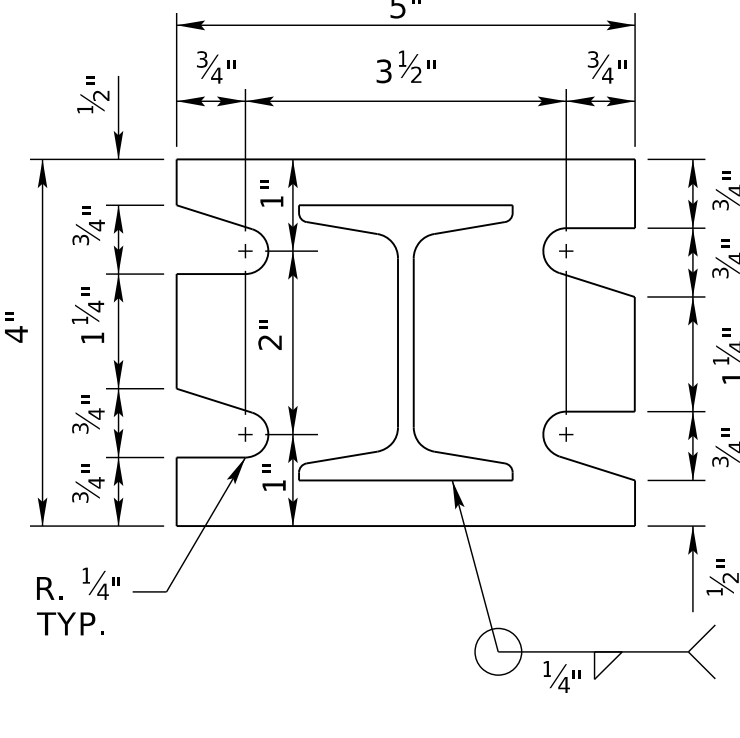
R1	JUL 20	ADDED DELINEATOR NOTE
REV. NO.	DATE	DESCRIPTION OF REVISION
NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 702-R1 CABLE GUARDRAIL		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
	DATE	1
	ORIGINAL: JANUARY 2018	6
	DATE	



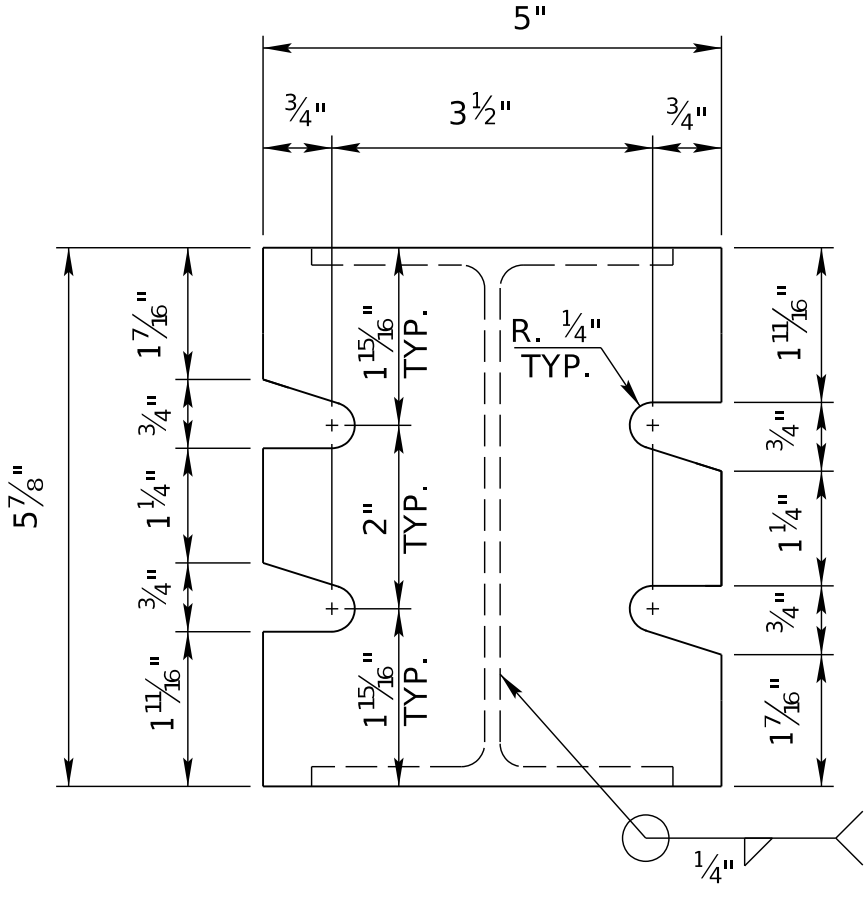
SOIL PLATE DETAIL
R¹/₂" x 2'-0" x 2'-0"
(CENTERED ON
W6 x 25 x 8'-0")



ANCHOR BASE PLATE DETAIL
R¹/₂" x 9" x 1'-2 1/2"



TOP SLIP BASE DETAIL
R³/₈" x 4" x 5"



BOTTOM SLIP BASE DETAIL
R¹/₂" x 5" x 5 7/8"

NOTE:

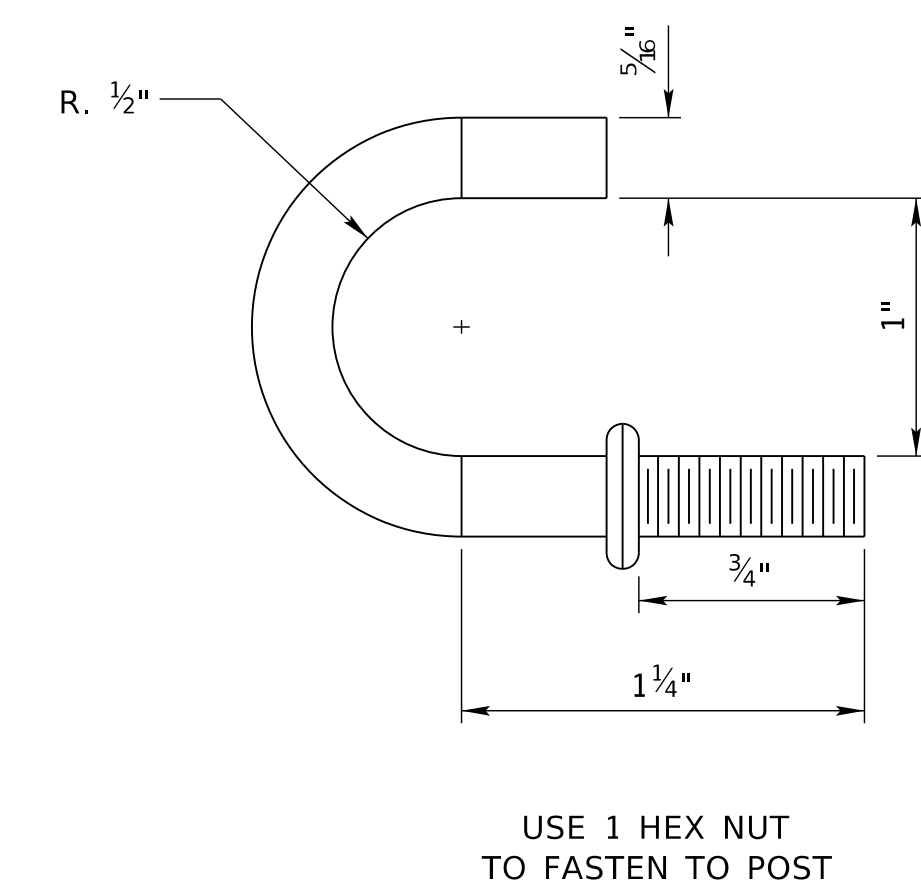
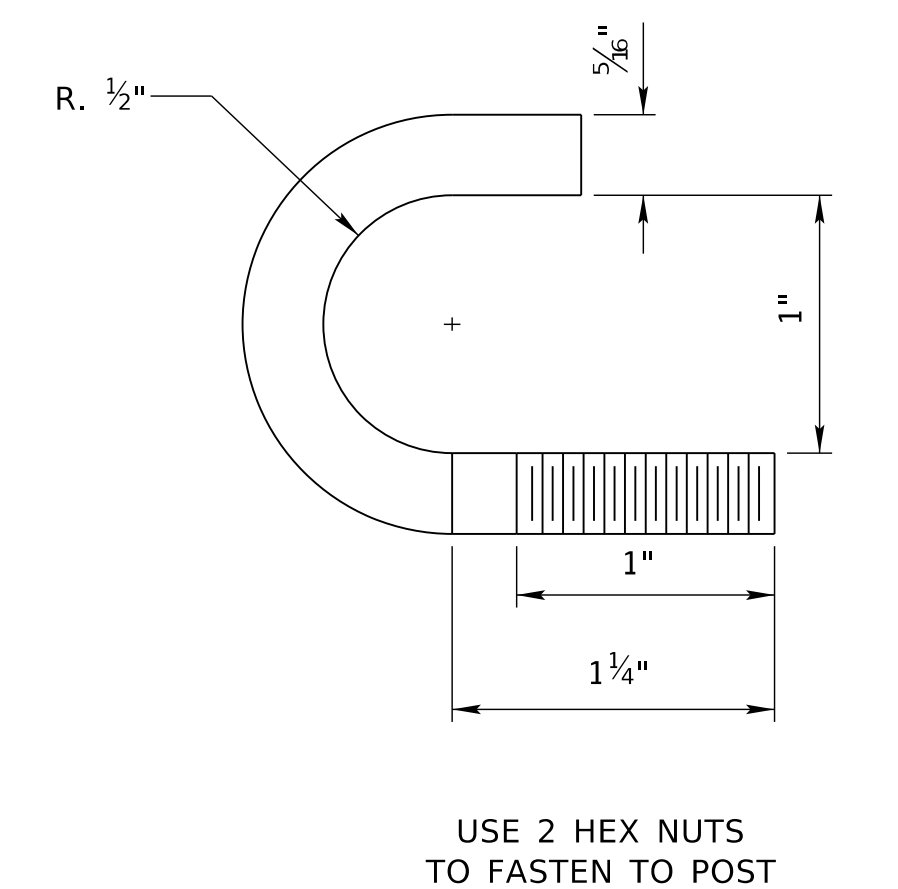
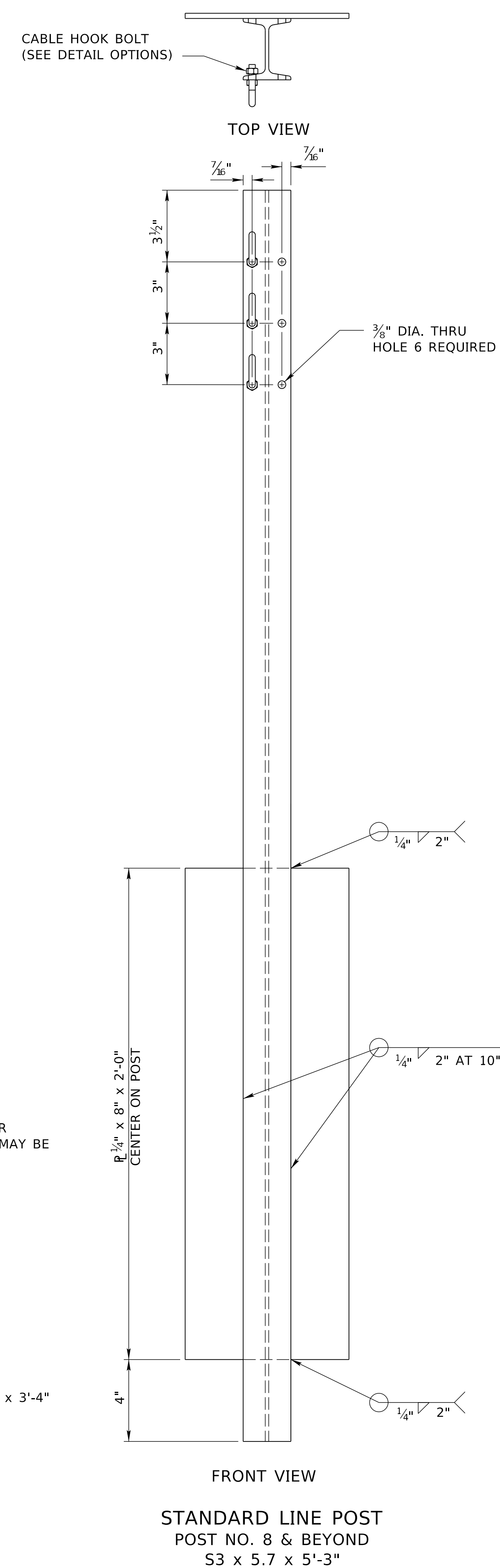
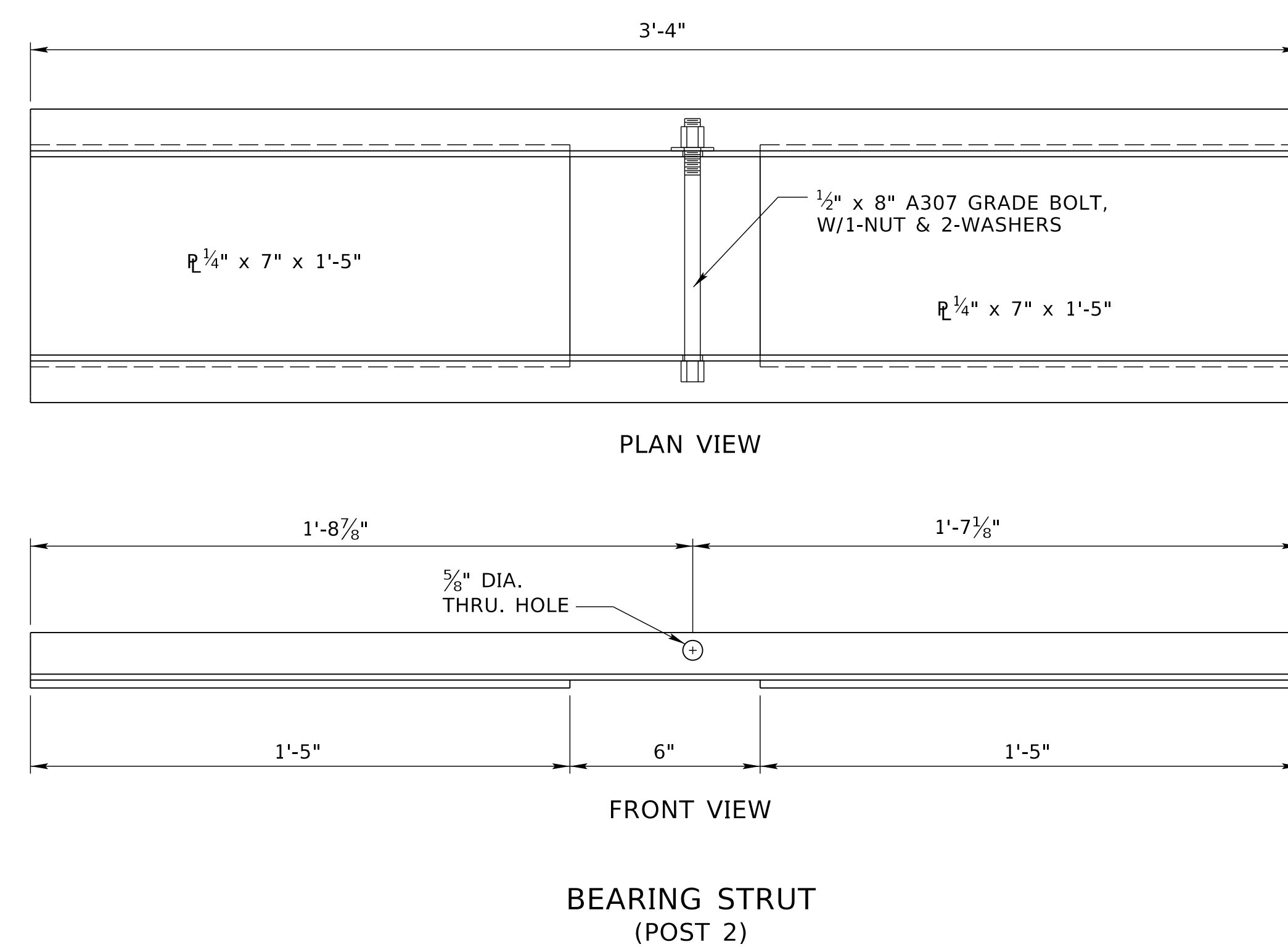
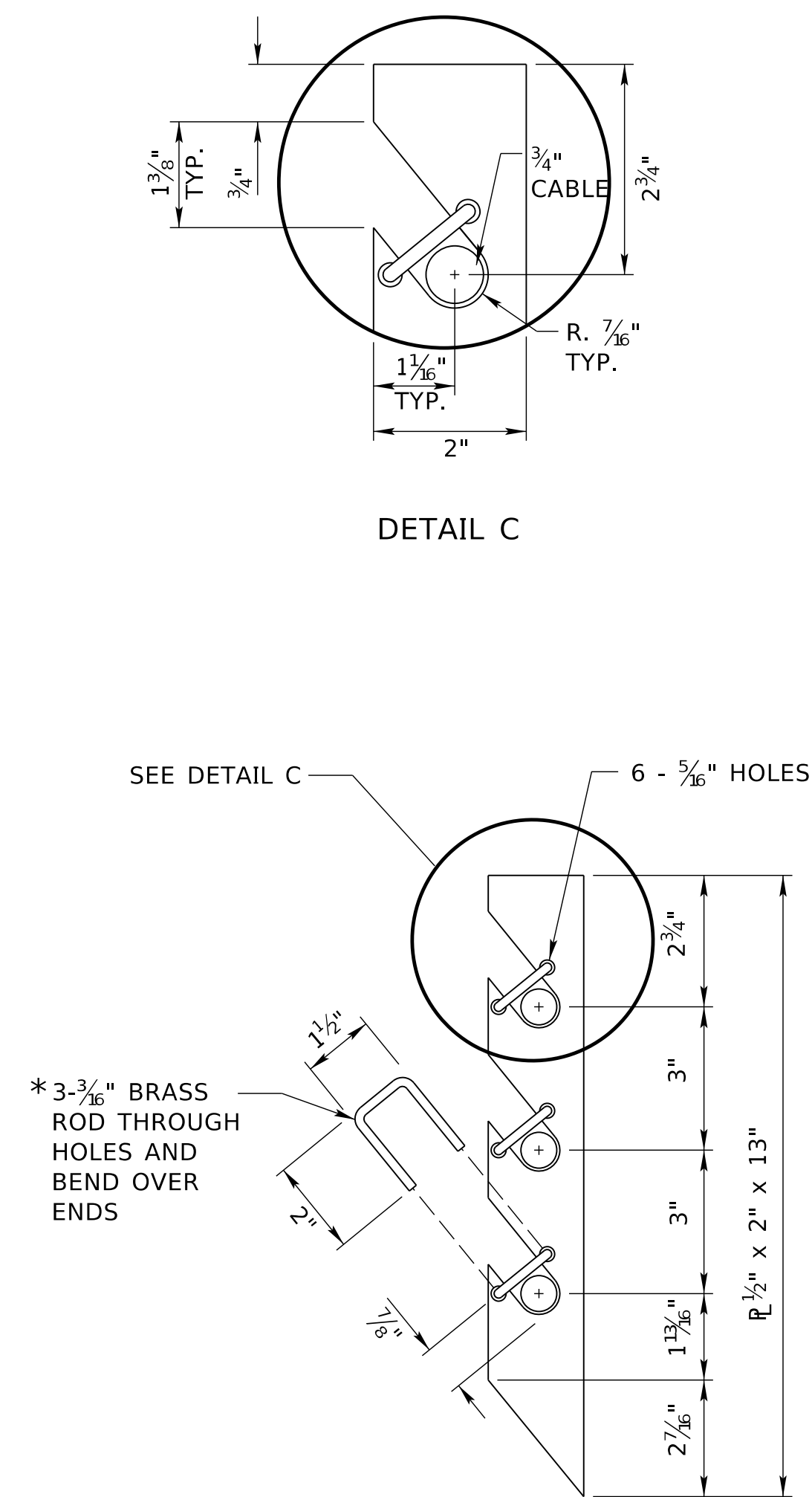
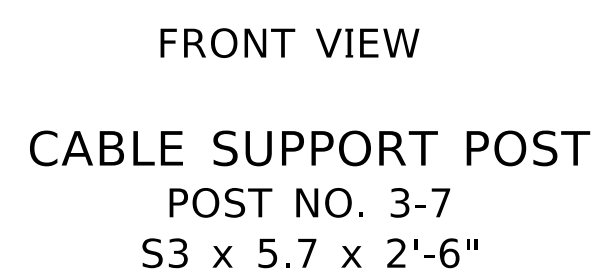
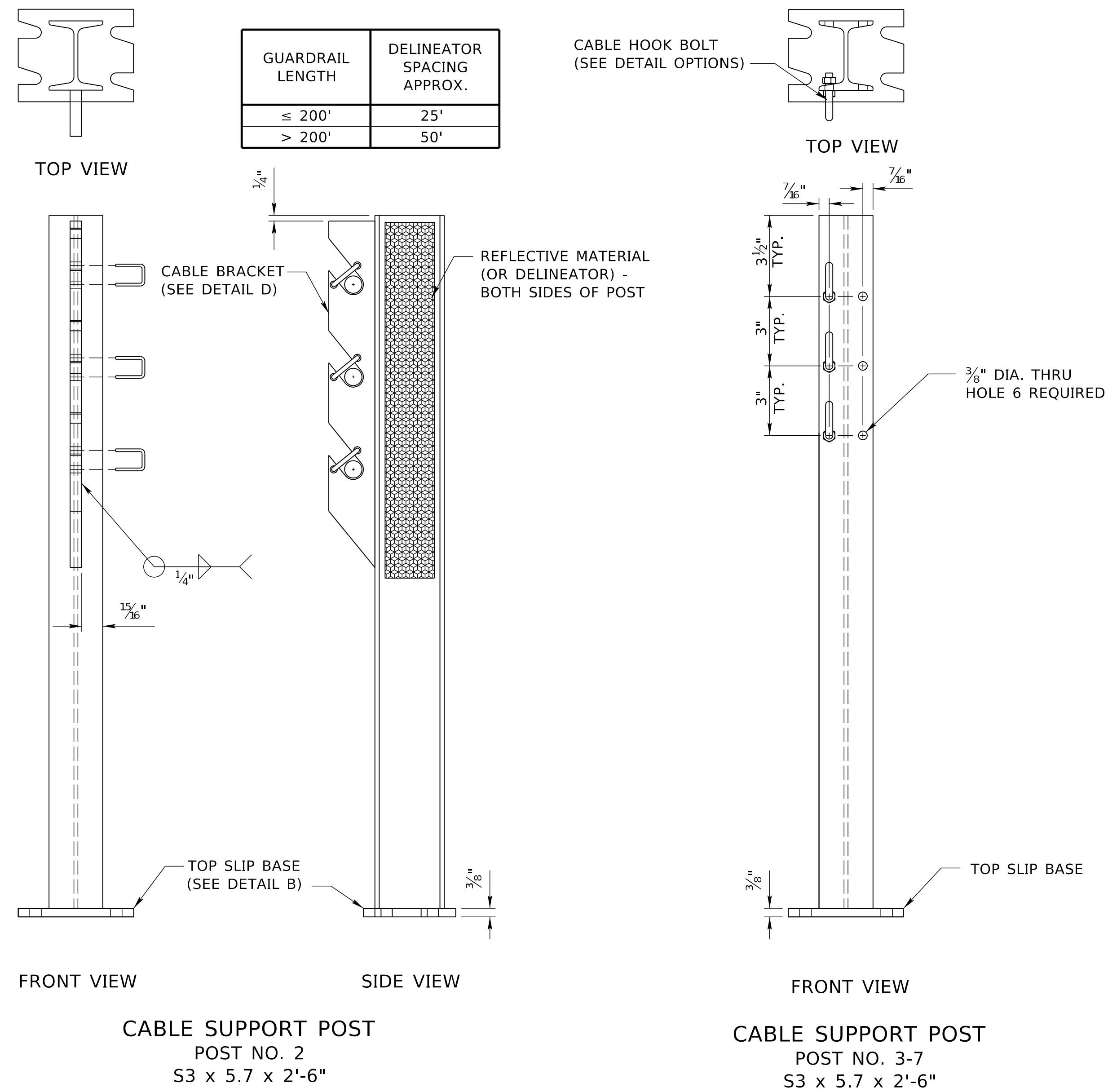
USE GRADE 5 BOLTS, NUTS, AND WASHERS UNLESS NOTED OTHERWISE.

A36 STEEL COMPONENTS (PLATE, ANGLES, ETC.)

THE TERMINAL ANCHORAGE SECTION SHALL INCLUDE POSTS 1 THRU 7, CABLE COMPENSATORS ON ONE END, TURNBUCKLE ON THE OTHER END OF EACH INDIVIDUAL CABLE, ALL OTHER PARTS USED TO ASSEMBLE POSTS 1 THRU 7, AND WIRE ROPE.

CABLE RUNS OVER 1000 FT. USE CABLE COMPENSATORS ON EACH END OF CABLE.

R1	JUL 20	ADDED DELINEATOR NOTE
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NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 702-R1 CABLE GUARDRAIL		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
PROFESSIONAL CIVIL ENGINEER MICHAEL H. OWEN E-6515 STATE OF NEBRASKA		DATE
ORIGINAL: JANUARY 2018		DATE
		2 6

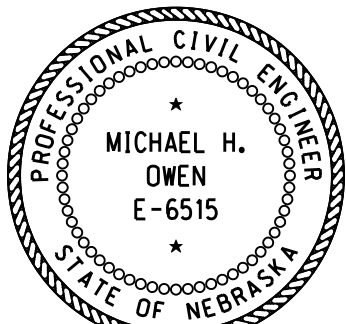


R1	JUL 20	ADDED DELINEATOR NOTE
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION

STANDARD PLAN NO. 702-R1

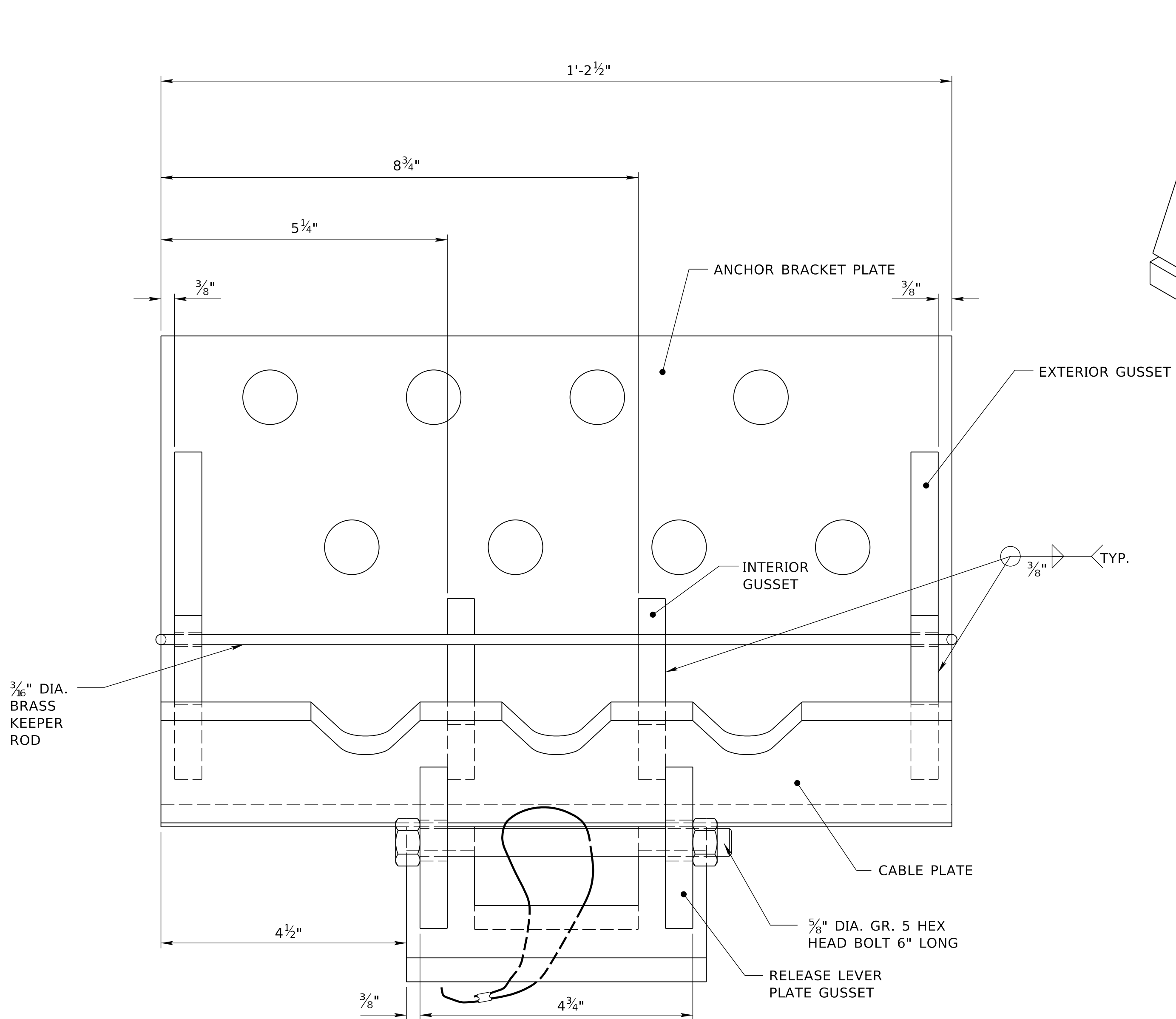
CABLE GUARDRAIL

ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:	3
 _____ DATE	6

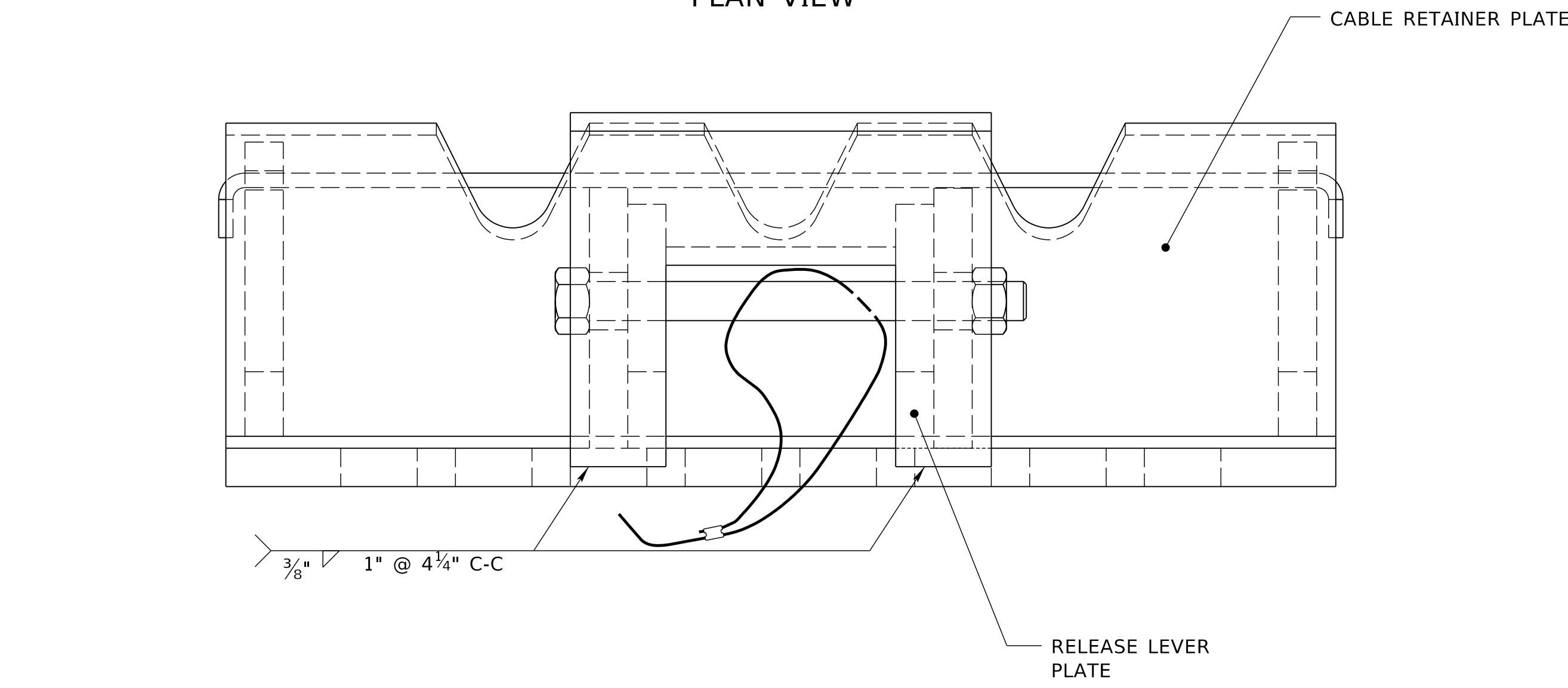
ORIGINAL:

JANUARY 2018

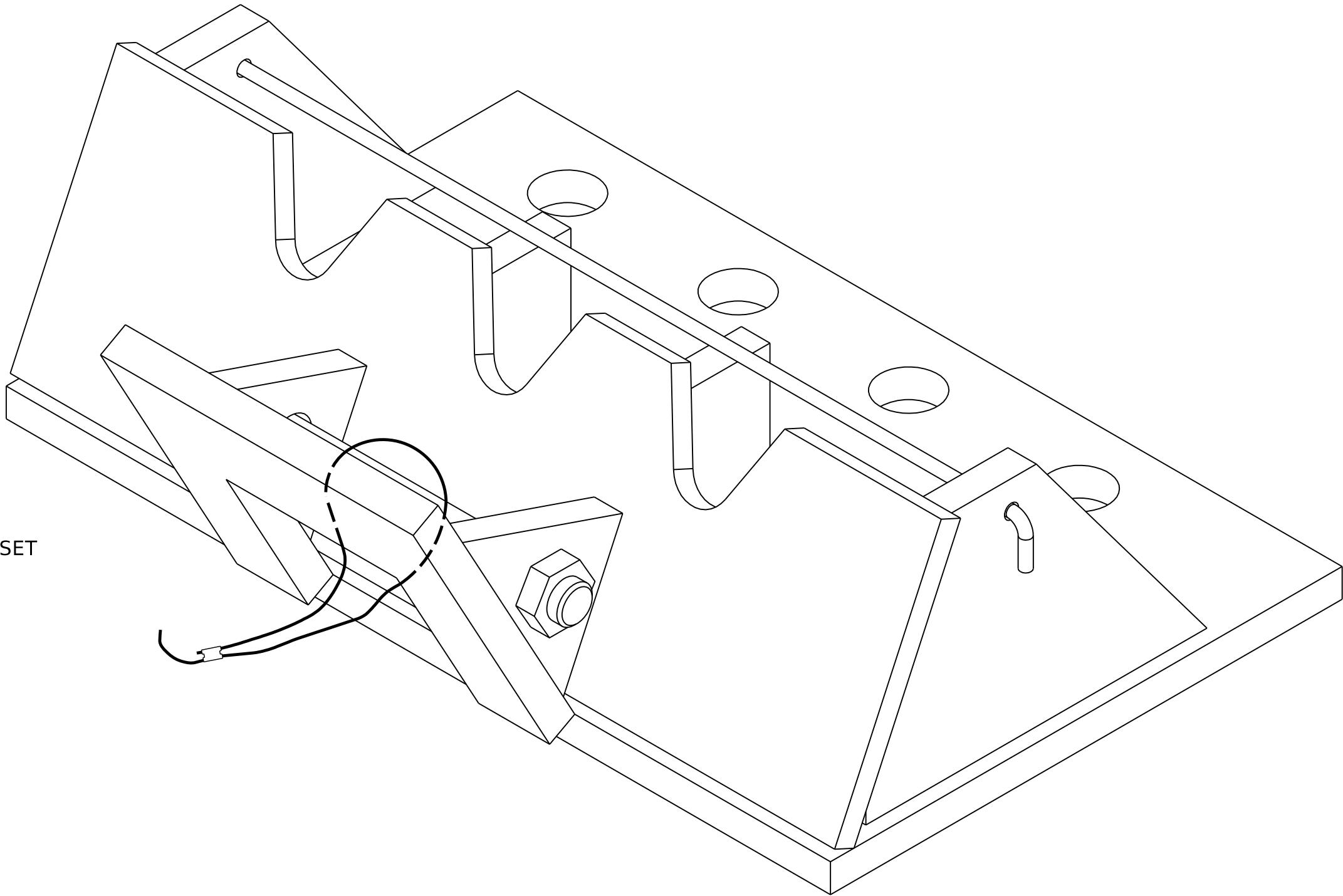
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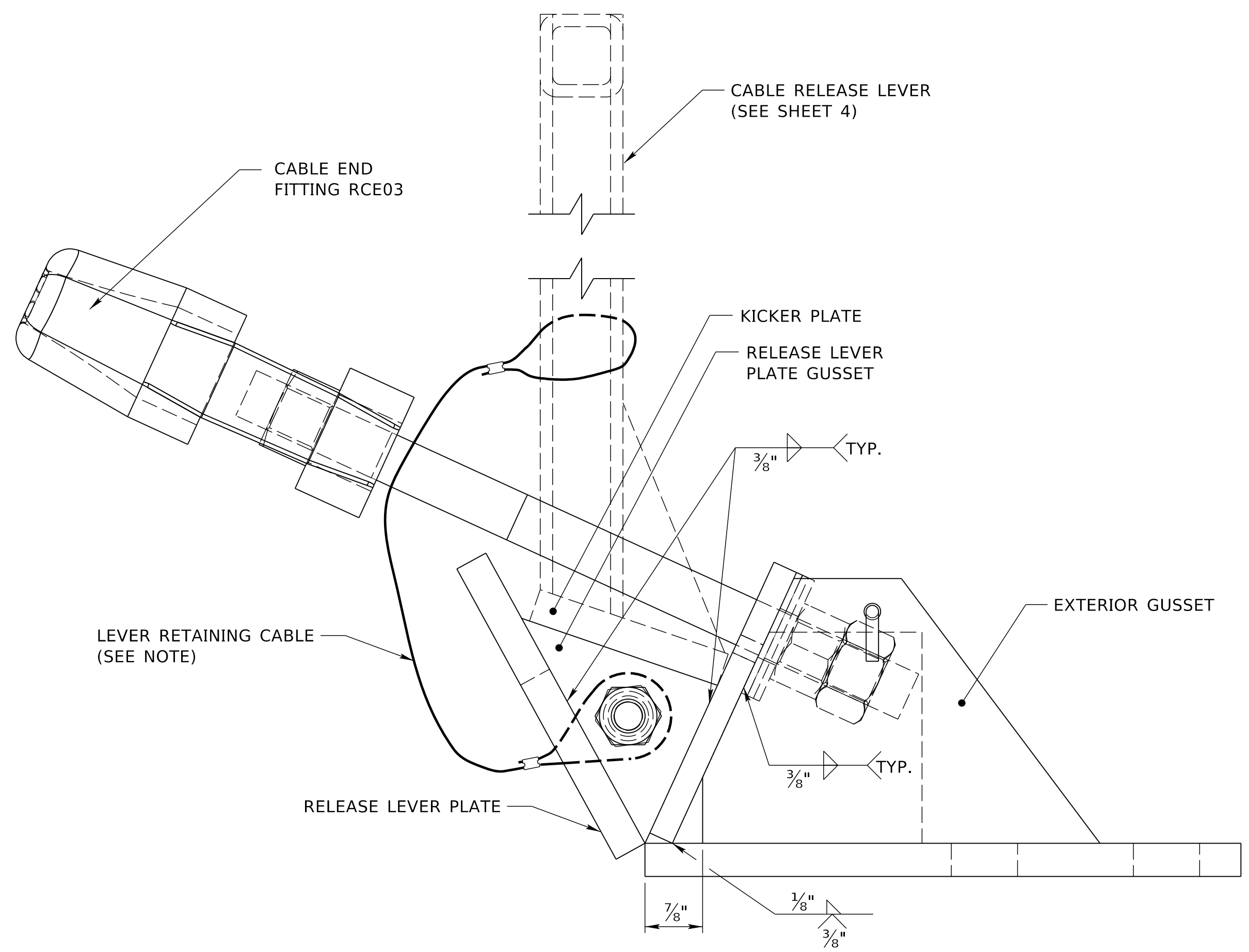
PLAN VIEW



FRONT VIEW



CABLE ANCHOR



SIDE VIEW

PRIOR TO FINAL ACCEPTANCE BY THE STATE, THE FOLLOWING VALUES SHALL BE USED TO TIGHTEN THE TURNBUCKLES, DEPENDING ON THE TEMPERATURE AT THE TIME OF THE ADJUSTMENT.

TEMPERATURE (DEGREE)	SPRING COMPRESSION
110 TO 120	1"
100 TO 109	1 1/4"
90 TO 99	1 1/2"
80 TO 89	1 3/4"
70 TO 79	2"
60 TO 69	2 1/4"
50 TO 59	2 1/2"
40 TO 49	2 3/4"
30 TO 39	3"
20 TO 29	3 1/4"
10 TO 19	3 1/2"
0 TO 9	3 3/4"
-10 TO -1	4"
-20 TO -11	4 1/4"

NOTE: SPRING COMPRESSION FROM UNLOADED POSITION IN EACH SPRING.

NOTE:

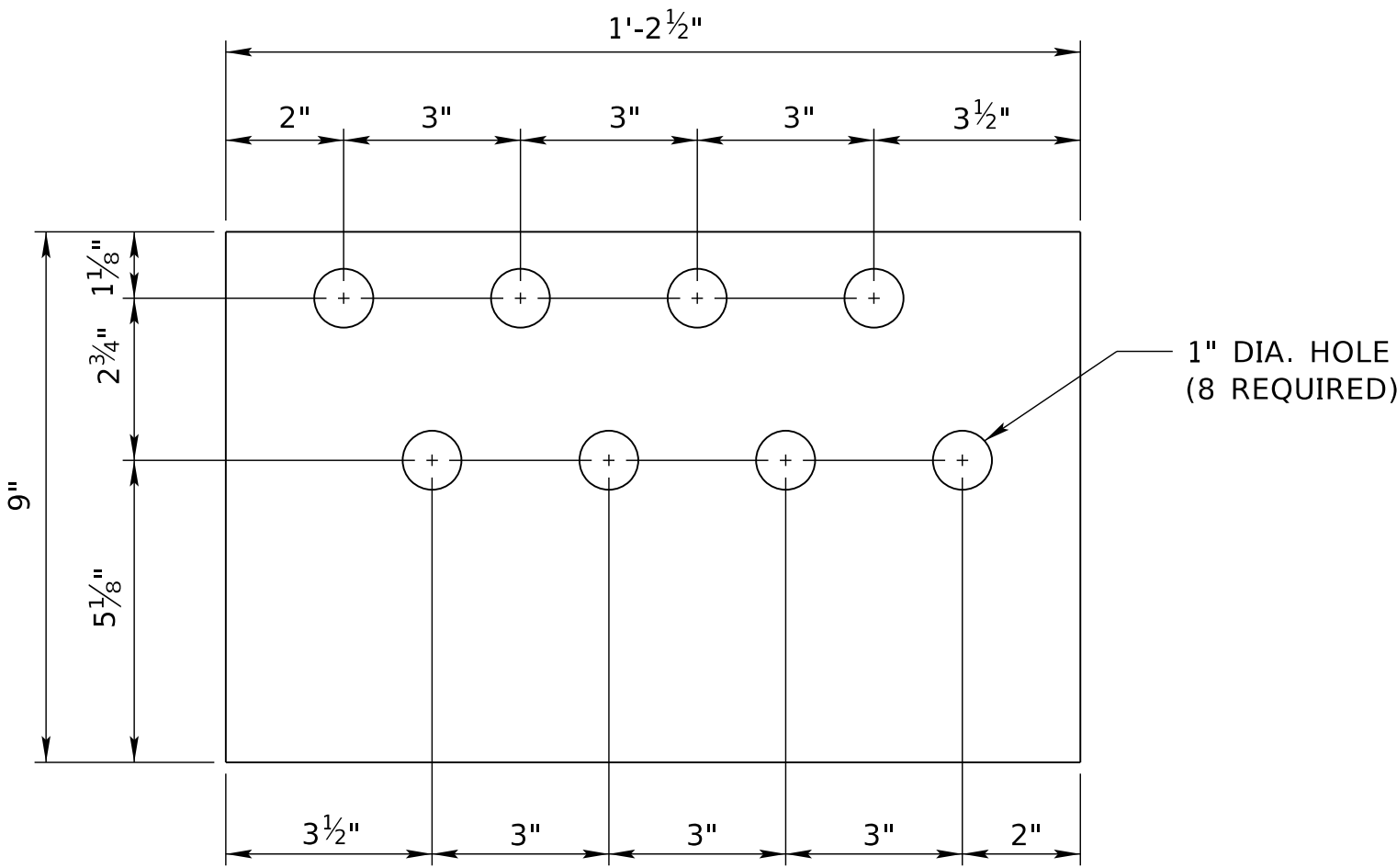
ALL CABLE ENDS AND SPLICES SHALL BE DESIGNED AND SHALL DEVELOP THE FULL STRENGTH OF THE 3/4" ROUND CABLE (25,000 LBS.).

STAGGER CABLE SPLICES, PROVIDE A MINIMUM OF 20 FT. BETWEEN ANY PAIR. PROVIDE A MINIMUM OF 100 FT. BETWEEN CABLE SPLICES ON THE SAME CABLE.

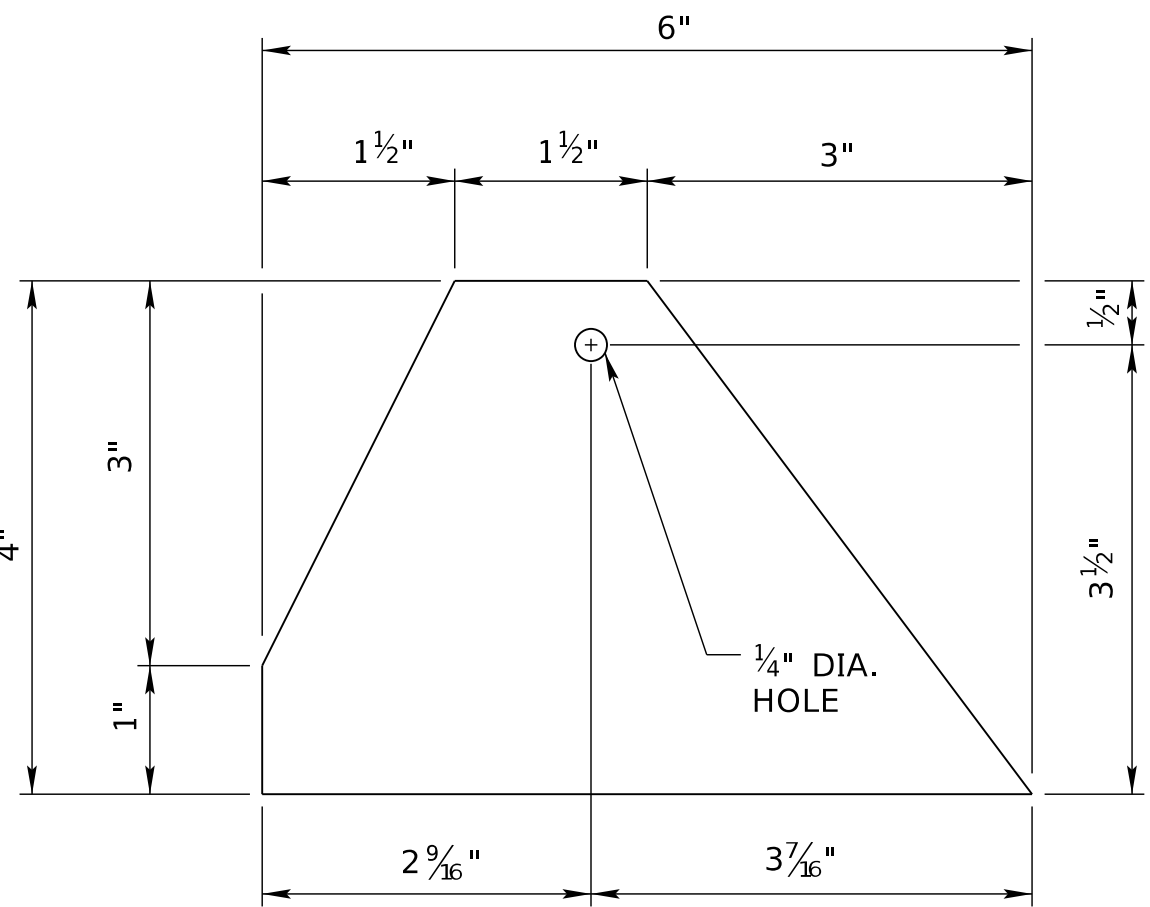
ALL CABLES RUN OVER THE KICKER PLATE OF THE CABLE RELEASE LEVER. THE MIDDLE CABLE RUNS THROUGH THE LEVER UPRIGHTS.

THE RETAINING CABLE IS GALVANIZED, 3/8" DIA. x 3 FT. LONG WITH 3" LONG LOOPS AND 1" CLIPS.

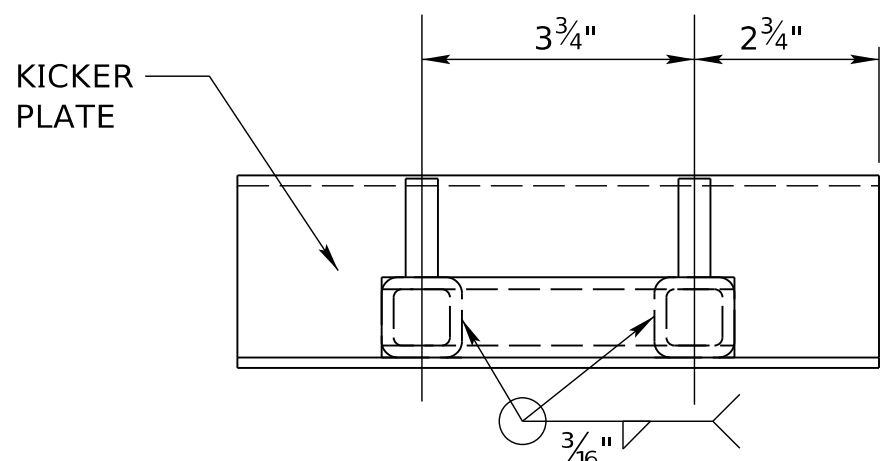
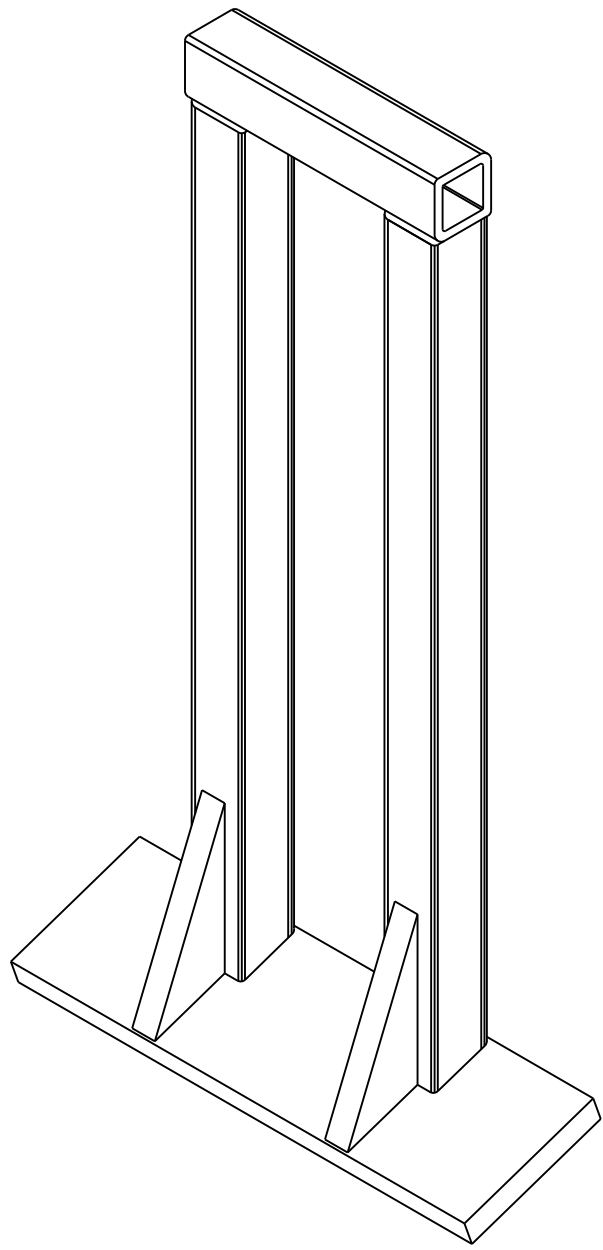
R1	JUL 20	ADDED DELINEATOR NOTE
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NEBRASKA DEPARTMENT OF TRANSPORTATION STANDARD PLAN NO. 702-R1 CABLE GUARDRAIL		
ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		4 6
PROFESSIONAL CIVIL ENGINEER MICHAEL H. OWEN E-6515 STATE OF NEBRASKA		
ORIGINAL: JANUARY 2018		



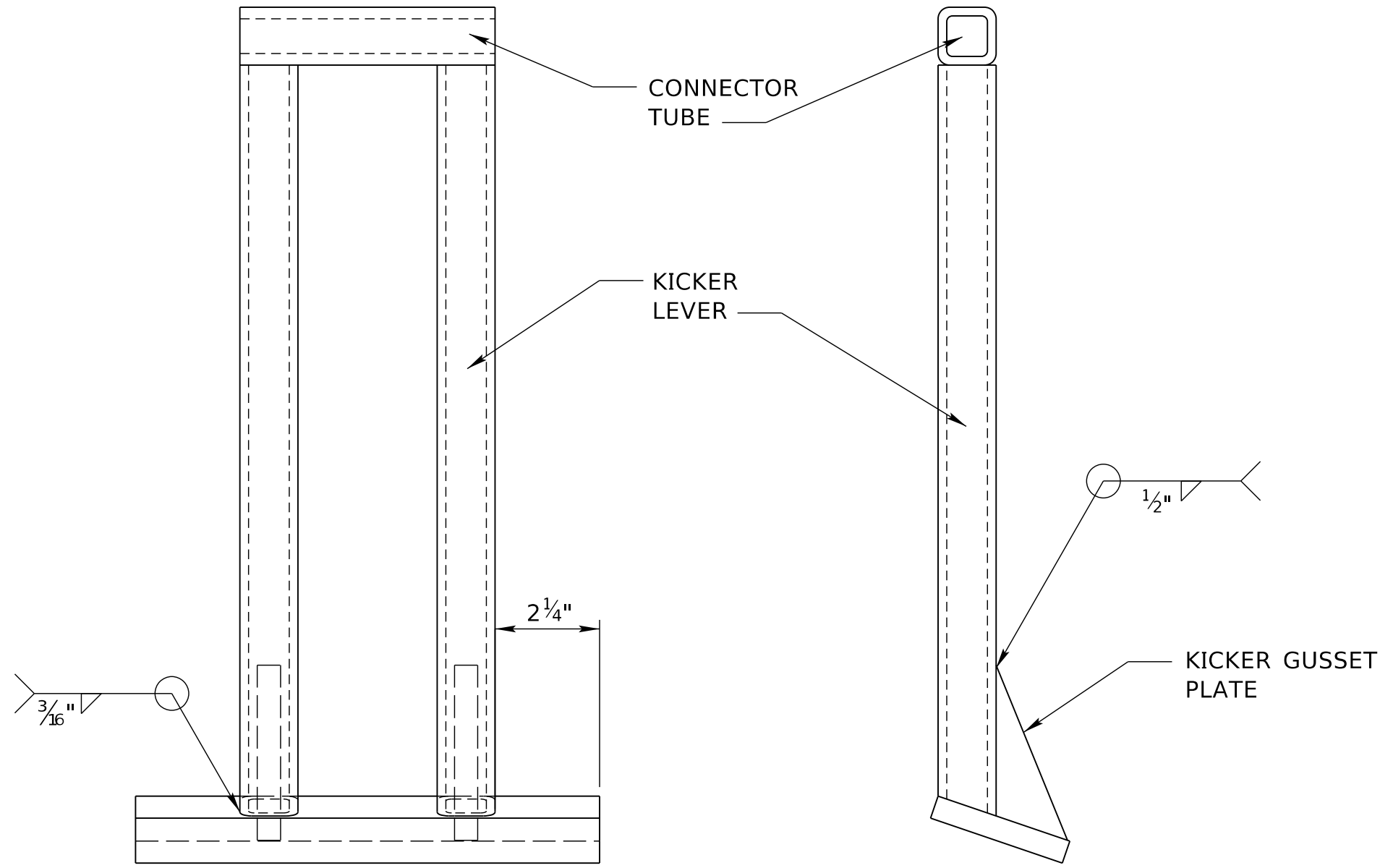
ANCHOR BRACKET PLATE
P 1/2" x 9" x 1'-2 1/2"



EXTERIOR GUSSET
P 1/2" x 4" x 6"



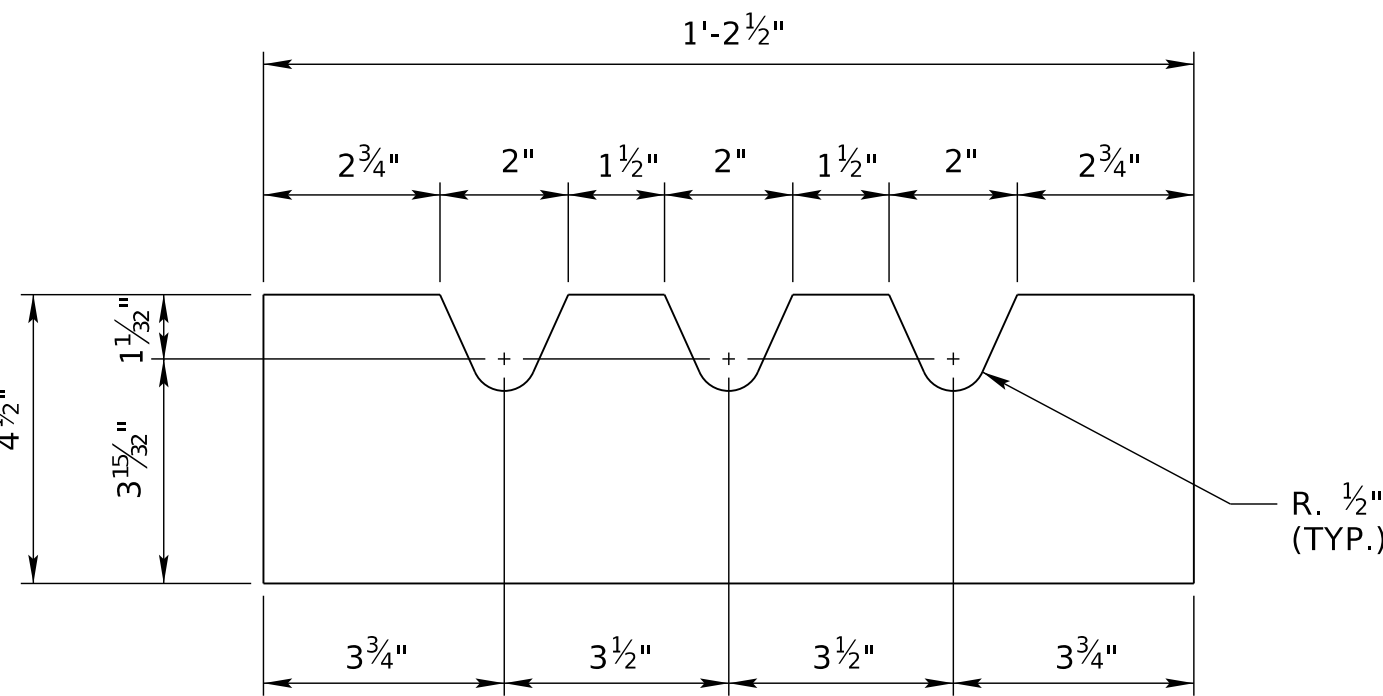
PLAN VIEW



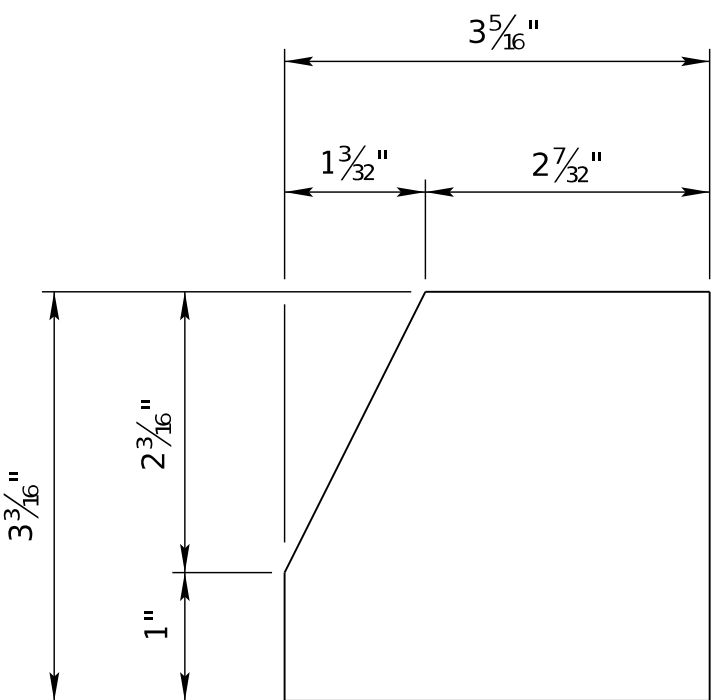
FRONT VIEW

SIDE VIEW

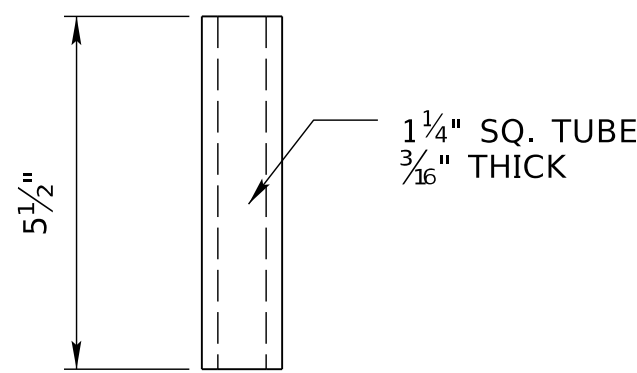
CABLE RELEASE LEVER



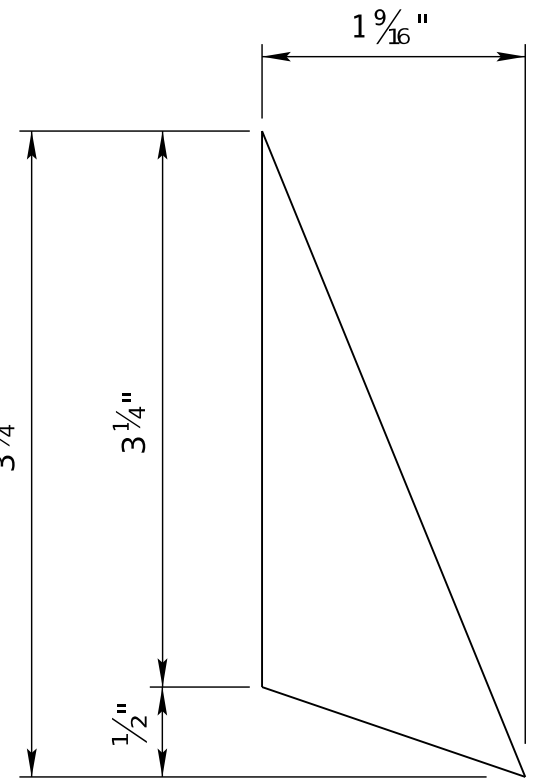
CABLE RETAINER PLATE
P 3/8" x 4 1/2" x 1'-2 1/2"



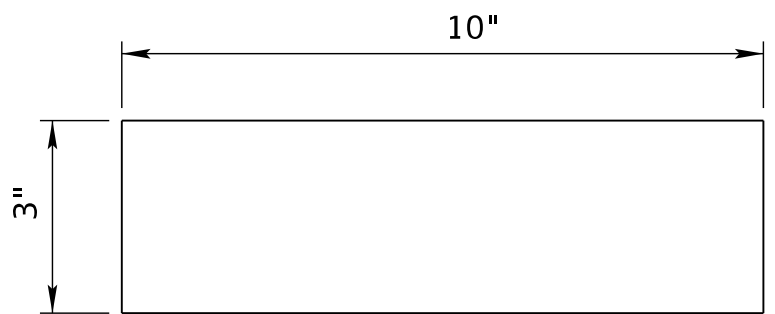
INTERIOR GUSSET
P 1/2" x 3 3/16" x 3 5/16"



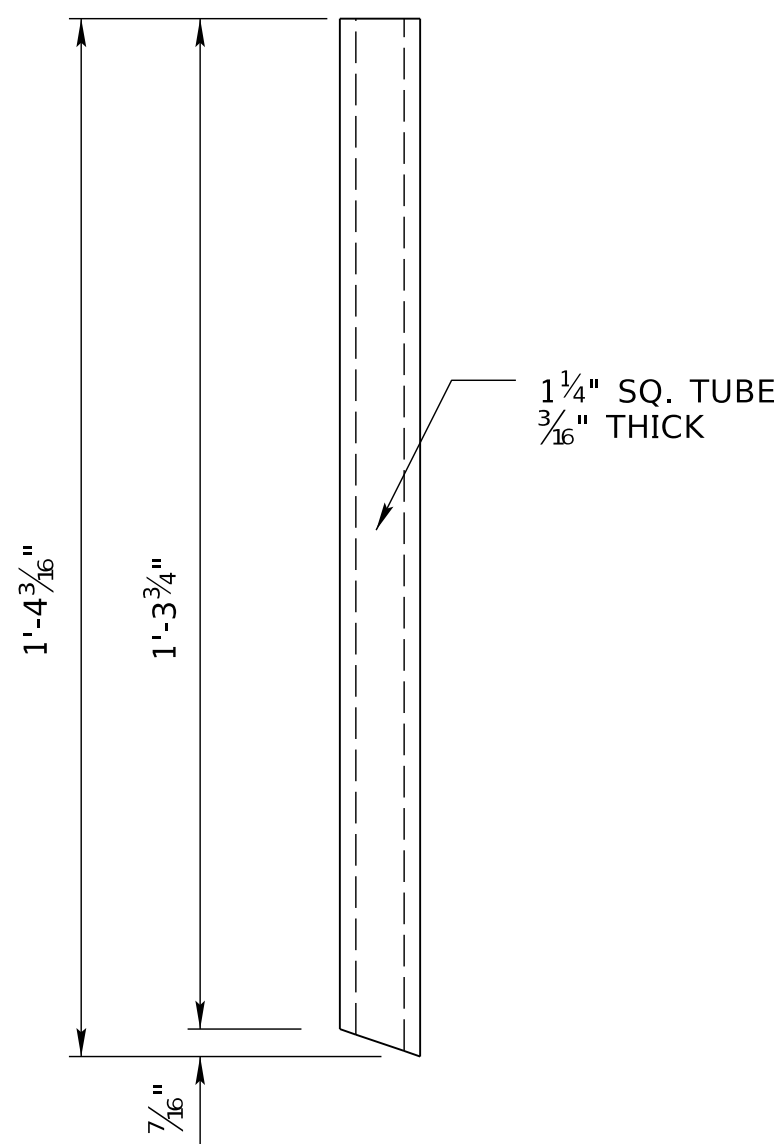
CONNECTOR TUBE



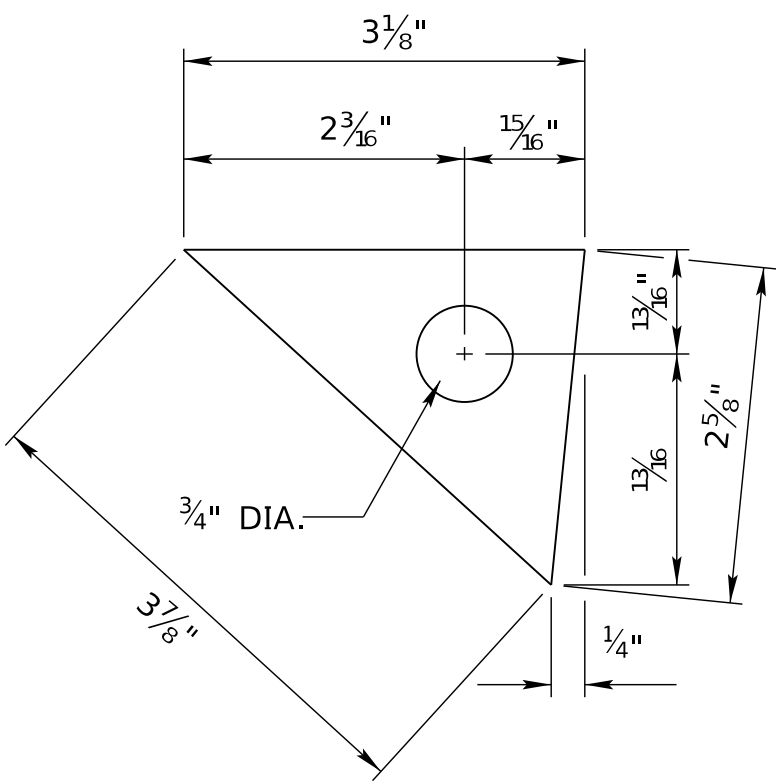
KICKER PLATE GUSSET
P 1/2" x 1 9/16" x 3 3/4"



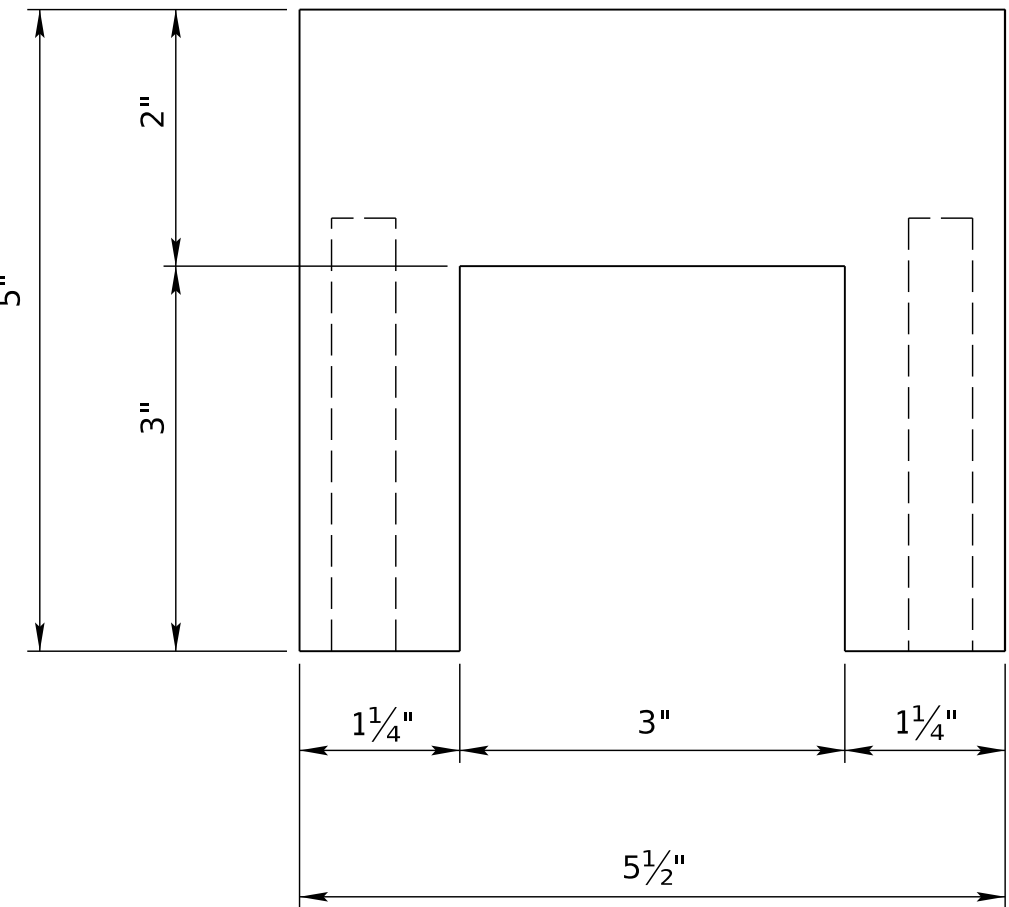
KICKER PLATE
P 1/2" x 3" x 10"



KICKER LEVER

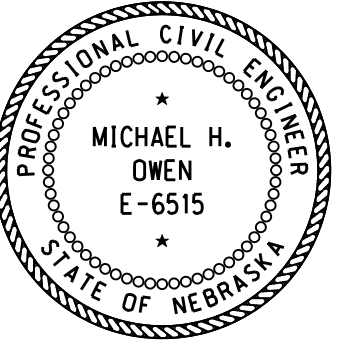


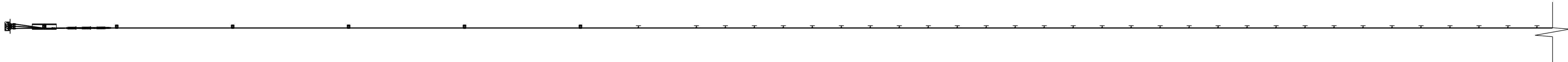
RELEASE LEVER PLATE GUSSET
P 1/2" x 2 5/8" x 3 1/8"



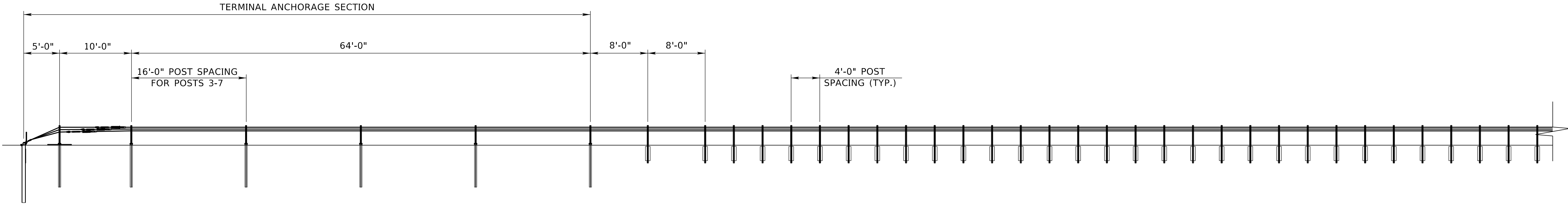
RELEASE LEVER PLATE
P 1/2" x 5" x 5 1/2"

NOTE:
THE KICKER LEVER SHOULD BE FLUSH WITH THE TOP OF THE KICKER PLATE, AND THE 3 1/4" LEG OF THE KICKER PLATE GUSSET SHOULD LINE UP WITH THE KICKER LEVER, AND THE BOTTOM OF THE KICKER PLATE GUSSET SHOULD ALIGN WITH THE BOTTOM OF THE KICKER PLATE.

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ACCEPTED BY FHWA FOR USE ON THE NATIONAL HIGHWAY SYSTEM:		
		
ORIGINAL: JANUARY 2018		
DATE		
5		
6		



PLAN VIEW

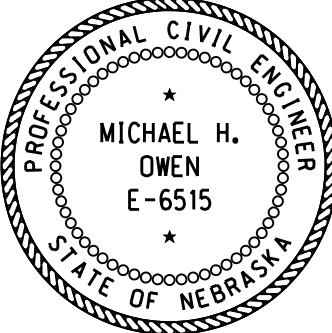


PROFILE VIEW

R1	JUL 20	ADDED DELINEATOR NOTE
REV. NO.	DATE	DESCRIPTION OF REVISION

NEBRASKA DEPARTMENT OF TRANSPORTATION
STANDARD PLAN NO. 702-R1
CABLE GUARDRAIL

ACCEPTED BY FHWA FOR USE ON THE
NATIONAL HIGHWAY SYSTEM:



DATE
ORIGINAL:
JANUARY 2018
DATE

6
6