

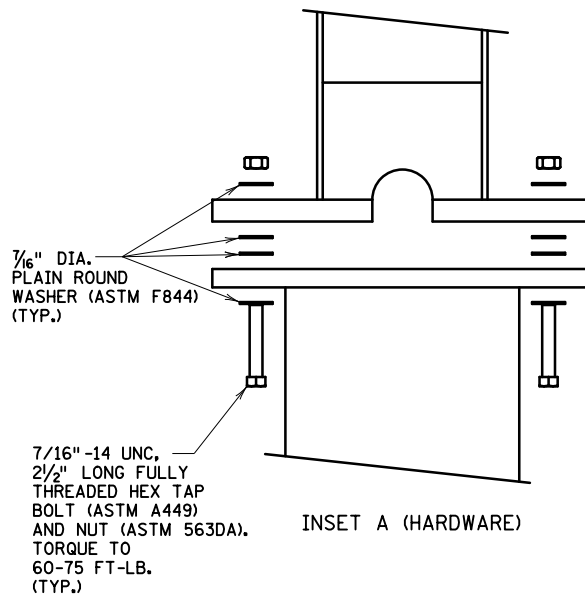
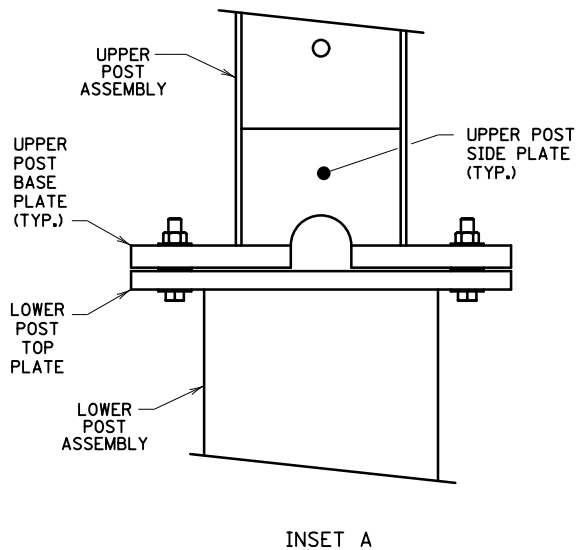
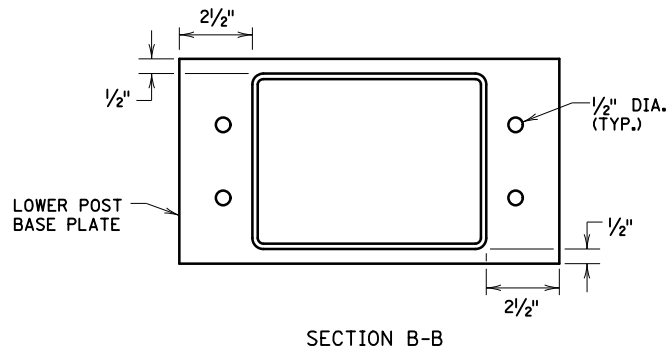
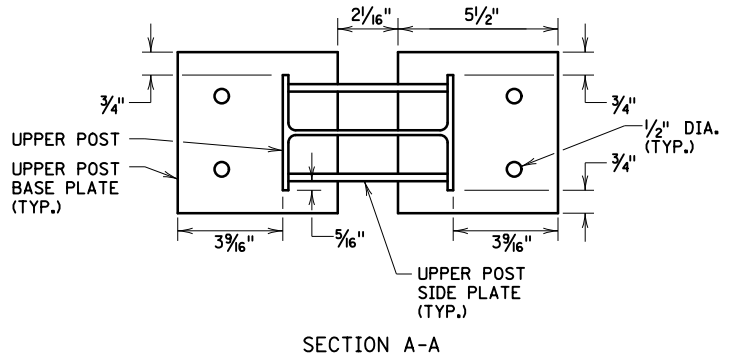
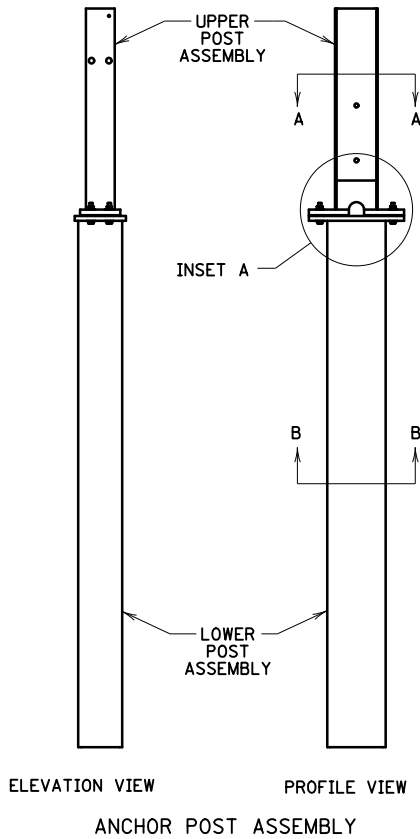
Summary of Changes

Standard Plate 8363A

Steel Post Trailing-End Anchor

General:

1. This is a new Standard Plate detailing the new steel post design used on Standard Plan 5-297. 692, Traffic Barrier Type 31 End Anchorage.
2. Details include Upper Post details, Lower Post details, and Breaker Arm details.



NOTES:
CONNECTION HARDWARE NOT SHOWN IN SECTIONS A-A AND B-B FOR CLARITY.
LOWER POST ASSEMBLY NOT SHOWN IN SECTION D-D FOR CLARITY.
TORQUE VERTICAL THROUGH-BOLTS TO 60-75 FT-LB.

Proposed Standard

APPROVED ~~XX-XX-XX~~
NOT APPROVED
STATE DESIGN ENGINEER

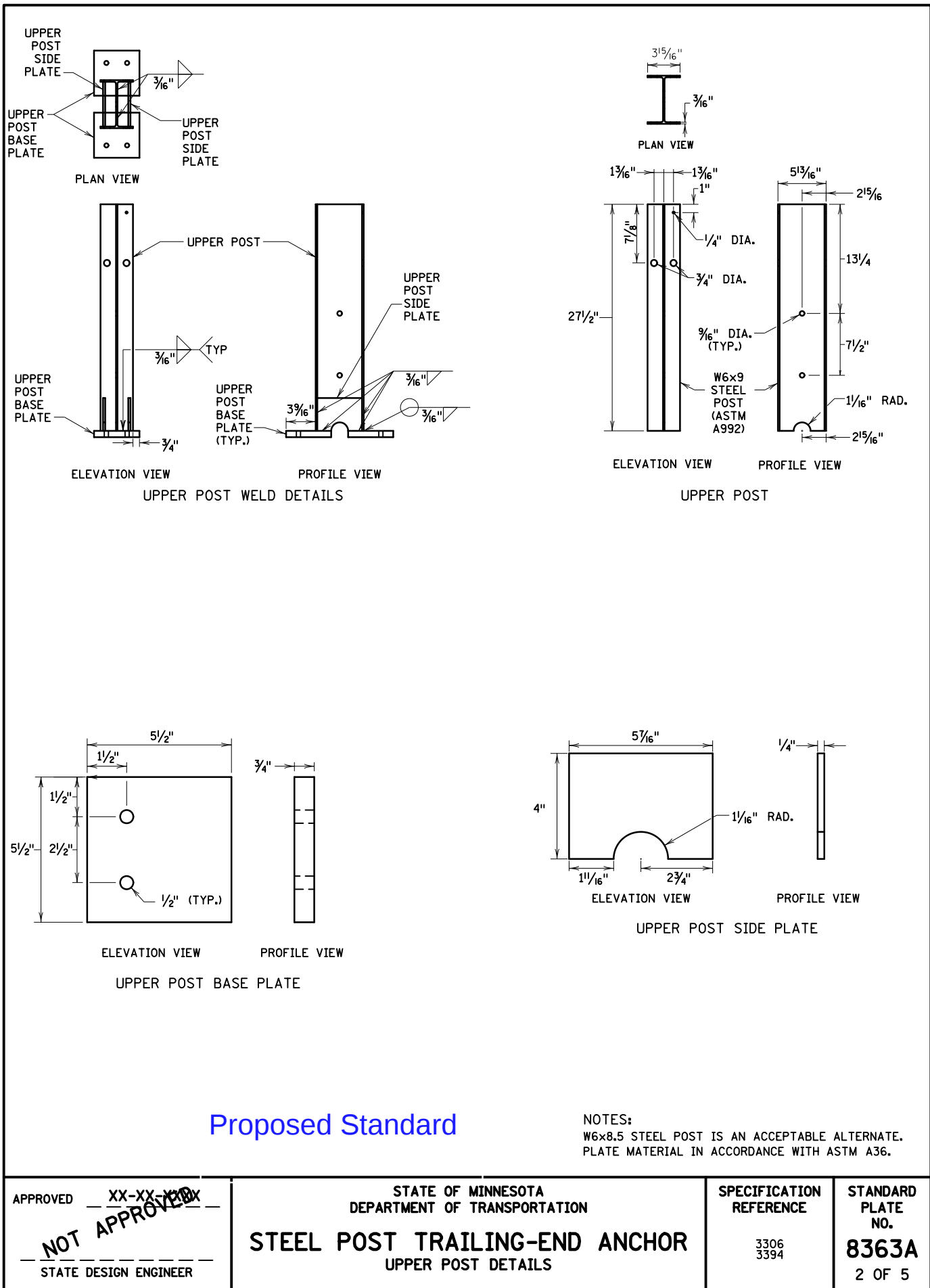
STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
STEEL POST TRAILING-END ANCHOR
ANCHOR POST ASSEMBLY

SPECIFICATION
REFERENCE
3306
3394

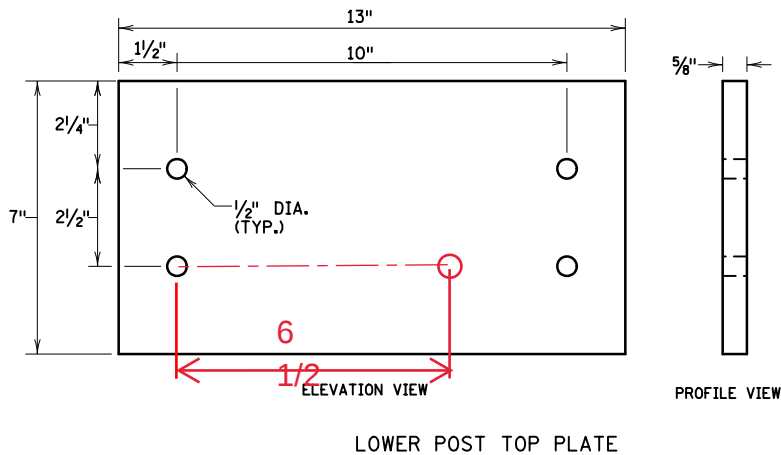
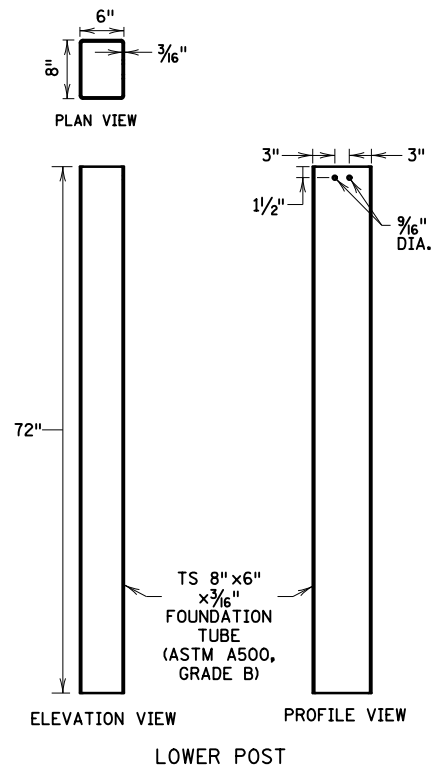
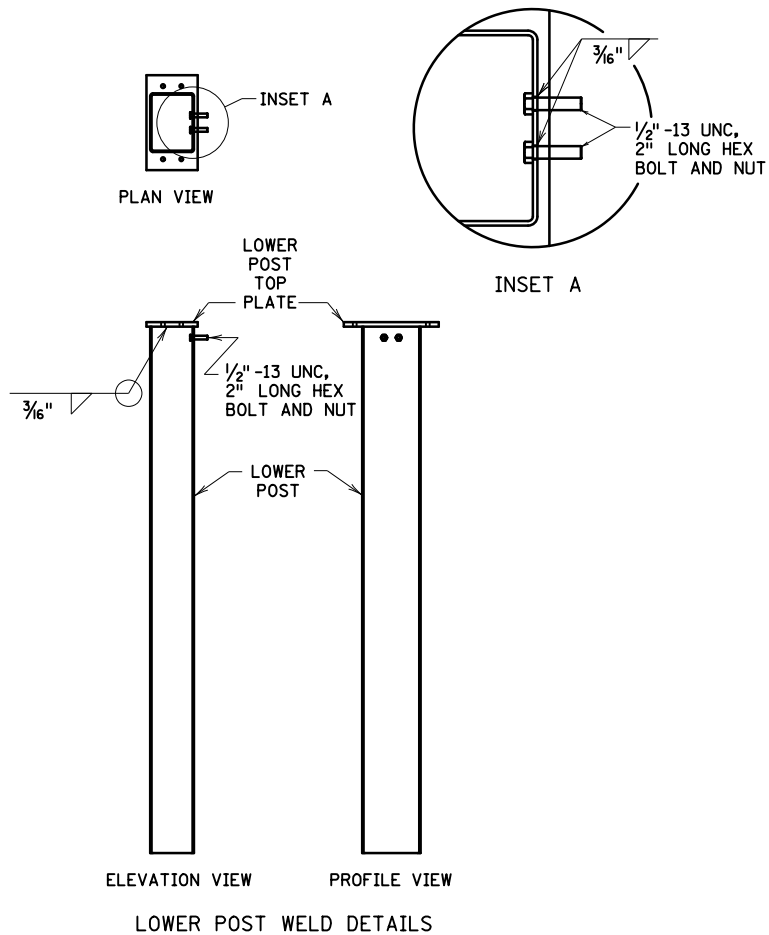
STANDARD
PLATE
NO.
8363A
1 OF 5

19-DEC-2022
PLOTTED/REVISED:

IPLOT NAME: s8363_2.spl
PATH & FILE NAME: OTS\DesignStandards\Development\Projects\Type3\TrafficBarrier\692_Type3\Anchorage\SteelPost2022\8363_1_spl.dgn



PLOTTED/REVISED: 19-DEC-2022
 IPILOT NAME: s8363_3.spl
 PATH & FILE NAME: OTS\DesignStandards\Development\Projects\Type3\TrafficBarrier\692_Type3\Anchorage\Steel\Post2022\s8363_1.spl.dgn



Proposed Standard

NOTES:
PLATE MATERIAL IN ACCORDANCE WITH ASTM A36.

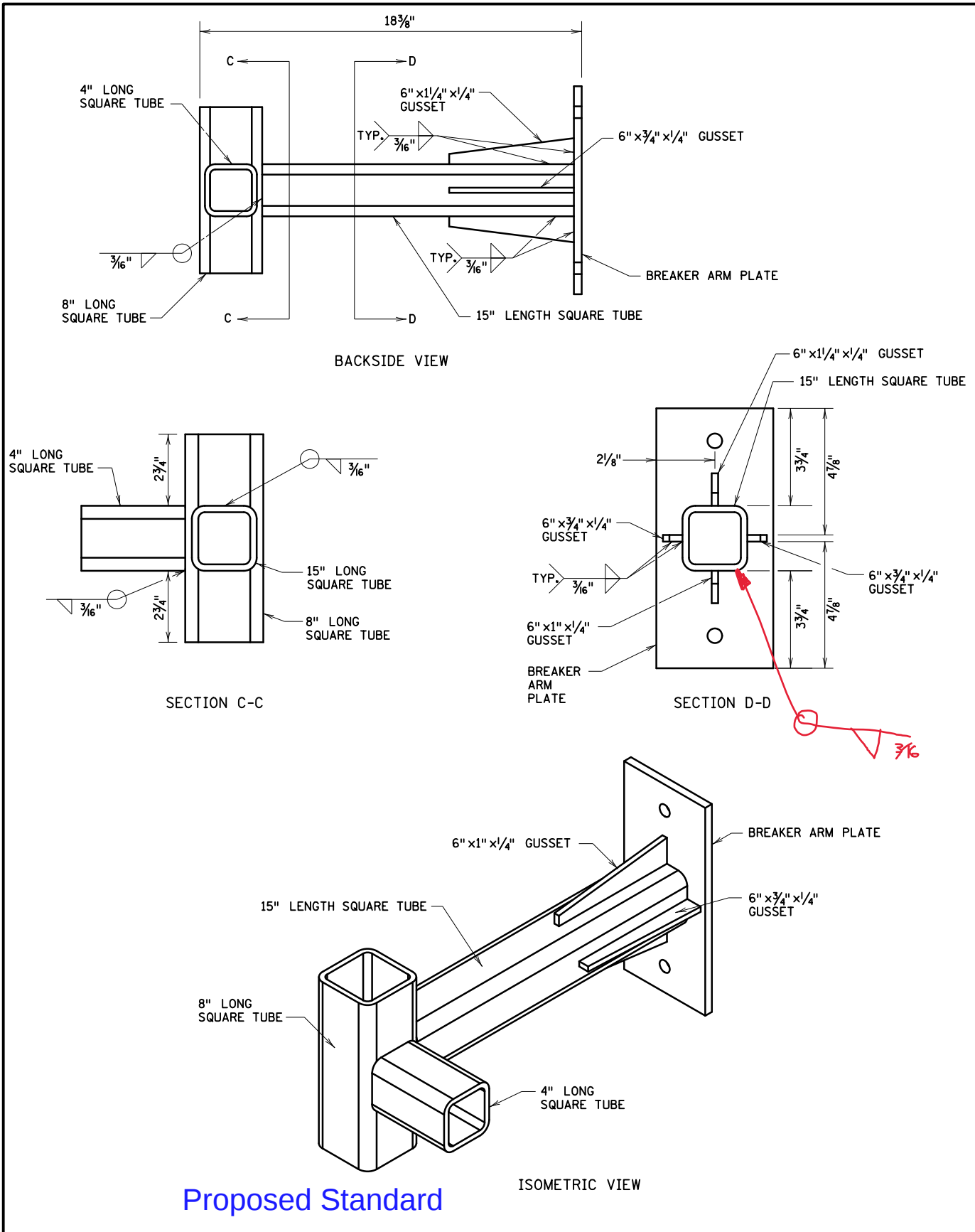
APPROVED ~~XX-XX-XX~~
NOT APPROVED
STATE DESIGN ENGINEER

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION
STEEL POST TRAILING-END ANCHOR
LOWER POST DETAILS

SPECIFICATION
REFERENCE
3306
3394

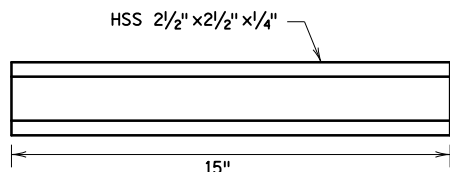
STANDARD
PLATE
NO.
8363A
3 OF 5

PLOTTED/REVISED: 19-DEC-2022
 IPILOT NAME: s8363_4.spt
 PATH & FILE NAME: OTS\DesignStandards\Development\Projects\31_TrafficBarrier\692_Type31_Anchor\SteelPost2022\s8363_1_spt.dgn

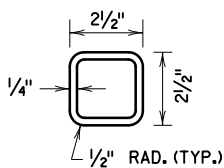


APPROVED <u>XX-XX-XX</u> NOT APPROVED STATE DESIGN ENGINEER	STATE OF MINNESOTA DEPARTMENT OF TRANSPORTATION STEEL POST TRAILING-END ANCHOR BREAKER ARM ASSEMBLY	SPECIFICATION REFERENCE 3306 3394	STANDARD PLATE NO. 8363A 4 OF 5
--	---	--	--

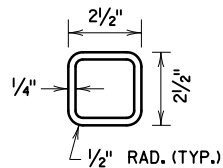
19-DEC-2022
PLOTTED/REVISED:
s8363_5.spl
OTSDesignStandardsDevelopment\Projects\31_TrafficBarrier\692_Type31Anchor\SteelPost2022\8363_1_spl.dgn
IPLT NAME: s8363_5.spl
PATH & FILE NAME:



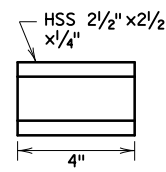
ELEVATION VIEW



PROFILE VIEW



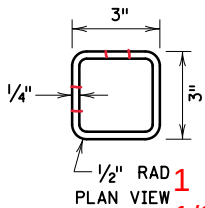
PROFILE VIEW



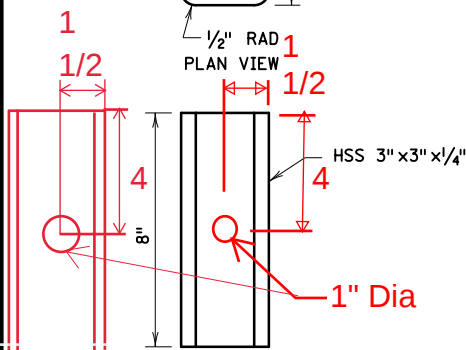
ELEVATION VIEW

15" LENGTH SQUARE TUBE

4" LENGTH SQUARE TUBE

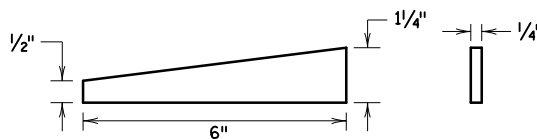


PLAN VIEW



ELEVATION VIEW

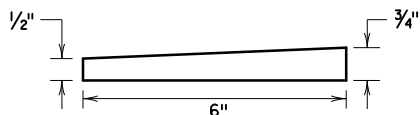
8" LENGTH SQUARE TUBE



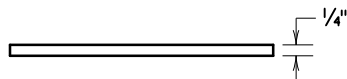
ELEVATION VIEW

PROFILE VIEW

6" x 1 1/4" x 1/4" GUSSET

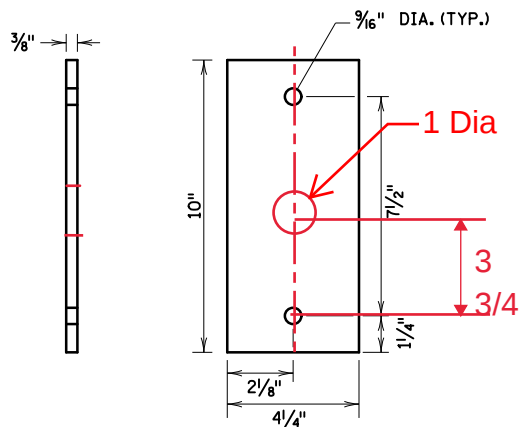


PLAN VIEW



ELEVATION VIEW

6" x 3/4" x 1/4" GUSSET



ELEVATION VIEW

PROFILE VIEW

BREAKER ARM PLATE

Proposed Standard

NOTES:

SQUARE TUBE MATERIAL IN ACCORDANCE WITH ASTM A500, GRADE B.
GUSSET MATERIAL IN ACCORDANCE WITH ASTM A36.

APPROVED ~~XX-XX-XX~~
NOT APPROVED
STATE DESIGN ENGINEER

STATE OF MINNESOTA
DEPARTMENT OF TRANSPORTATION

STEEL POST TRAILING-END ANCHOR
BREAKER ARM COMPONENTS

SPECIFICATION
REFERENCE

3306
3394

STANDARD
PLATE
NO.

8363A

5 OF 5