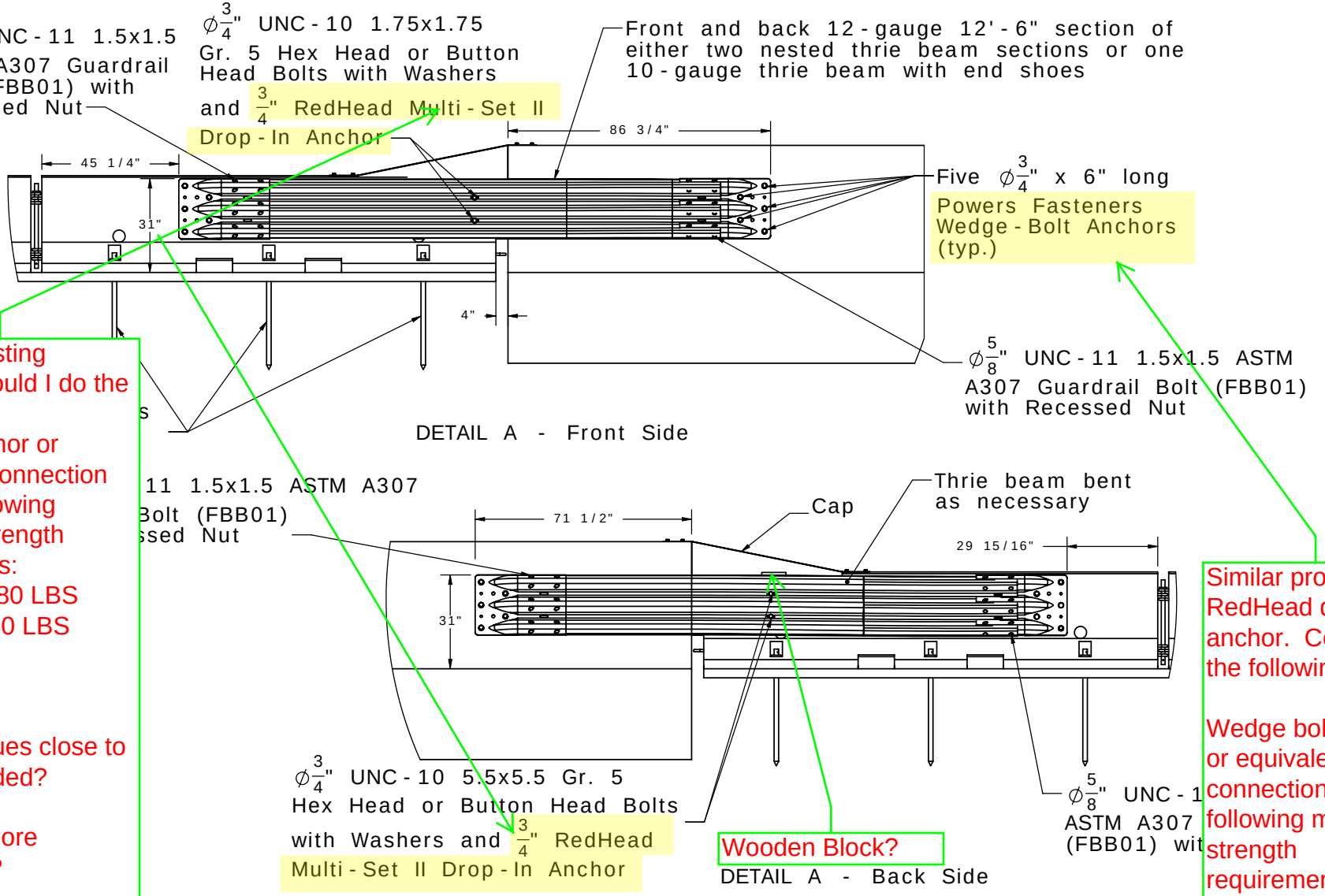


Instead of listing RedHead could I do the following:
Drop in anchor or equivalent connection with the following minimum strength requirements:
Tension 9,480 LBS
Shear 10,480 LBS

Is these values close to what is needed?

Do I need more information?

If the bolt is 3/4" shouldn't a 1" drop in anchor be used?

Similar problem to RedHead drop in anchor. Could I do the following:

Wedge bolt anchor or equivalent connection with the following minimum strength requirements:
Tension: 4,895 LBS
Shear: 5,635 LBS

Are these values close to what I need?
Do I need to spec. more information?

reinforcement not shown.

beam piece on non - impact side is offset $15\frac{1}{4}$" upstream to prevent interference from the anchors on opposing sides.

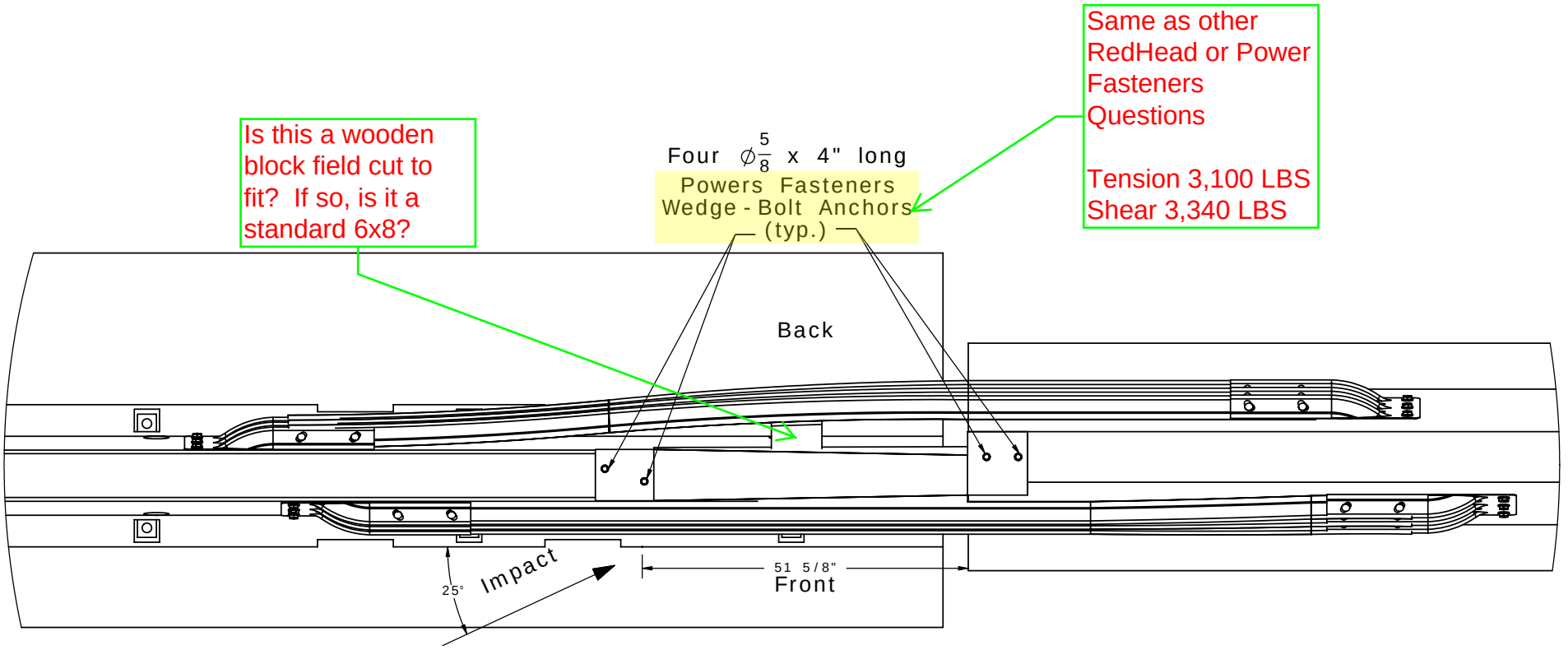
MWRSF

Midwest Roadside Safety Facility

Temporary Barrie

Thrie Beam D

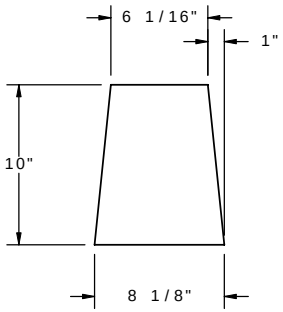
DWG. NAME.
TempBarrTransition_R1_TCBT



DETAIL B
SCALE 1 : 25

Note: (1) Cap end plate placed flush with upstream end of single slope barrier.

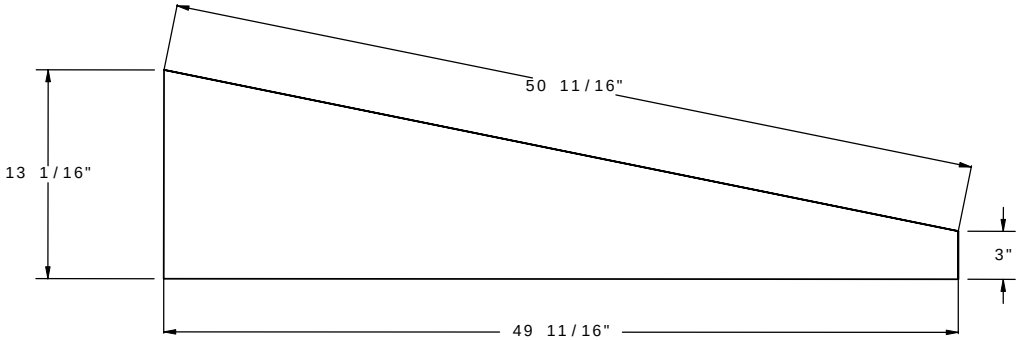
Midwest Roadside Safety Facility	Temporary Barrier Transition Cap Anchoring Detail	SHEET: 3 of 18 DATE: 3-30-08 DRAWN BY: RJT
	DWG. NAME. TempBarrTransition_R1_TCBT-2 SCALE: None UNITS: Inches	REV. BY: KAP / BWB



End Plate

12 - Gauge

ASTM A36

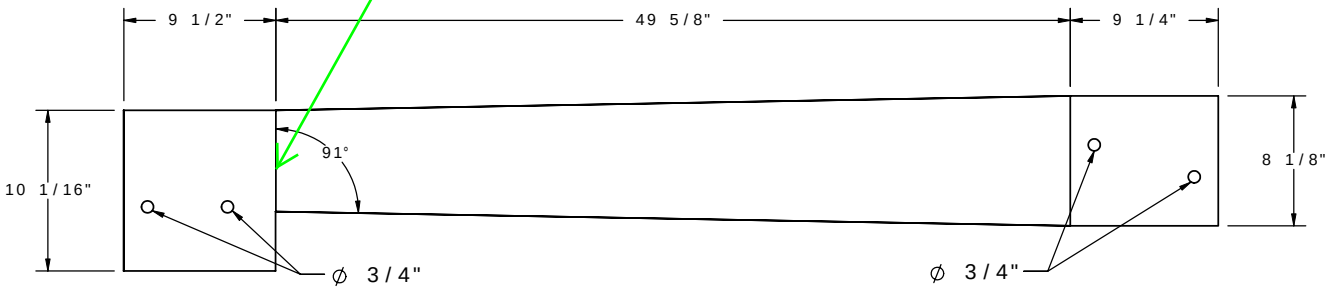


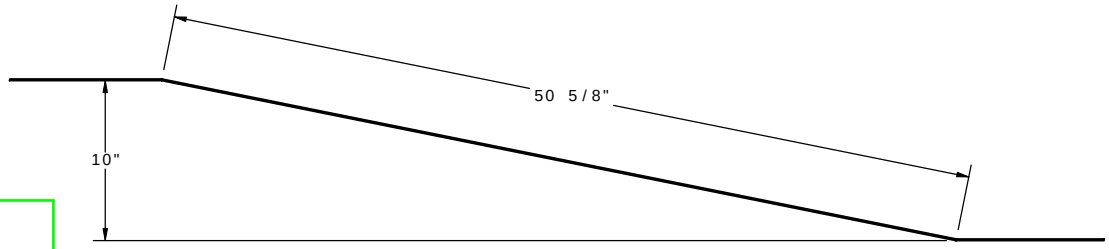
Side Plate

12 - Gauge

ASTM A36

What is this dimension?





Top Plate

12 - Gauge

ASTM A36

If going to a different height, use 9" or smaller spacing for gussets?

Midwest Roadside Safety Facility

Temporary Barrier Transition

Cap Side, Top, and End Plates

SHEET:	15 of 18
DATE:	3 - 30 - 08
DRAWN BY:	RJT
DWG. NAME.	TempBarrTransition_R1_TCBT - 2
SCALE:	None
UNITS:	Inches
REV. BY:	KAP / BWB