



Gas Tungsten Arc Welding (Steel and Stainless Steel-Flat and Horizontal)

Project 7 – Specification and Print

Weld Type	Fillet
Welding Process	GTAW
Position	Horizontal
Material	1/8" Stainless Steel
Joint Type	Tee
Backing Option	
Backing Material	

Polarity	DC+
Electrode	308
Transfer Mode	
Tungsten Electrode	2% Ceriated
Shielding Gas	100% Argon
Flow Rate	25 cfh
Cup Size	

Welding Procedure									
Weld Layers	Pass No.	Process	Filler Metal Classification	Filler Metal Diameter in (mm)	Current Amps	Current Type and Polarity	Wire Feed Speed	Volts	Remarks
Stringer	Tee	GTAW	308	1/16"	75a	DC+			





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Heat Treatment:

Preheat Temperature:

Post Heat Temperature:

Interpass Temperature:

Stress Relieving:

Technique: Butt Joint single pass weld

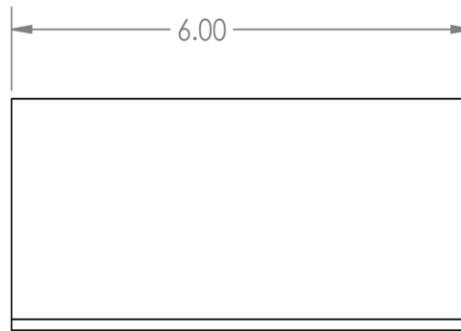
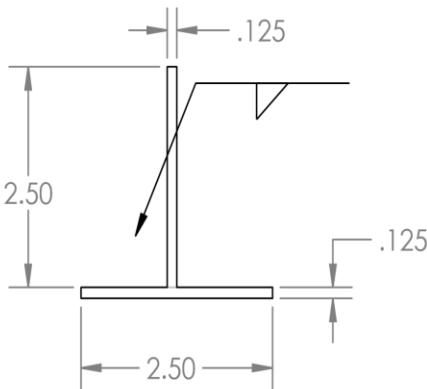
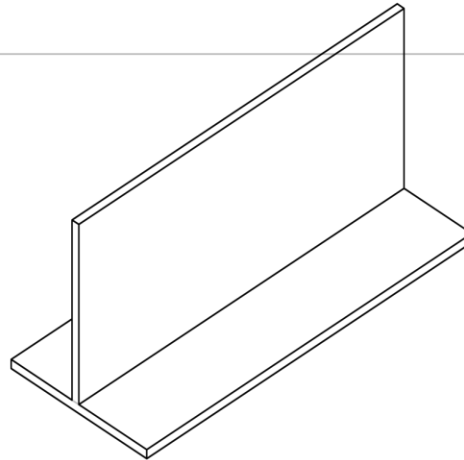
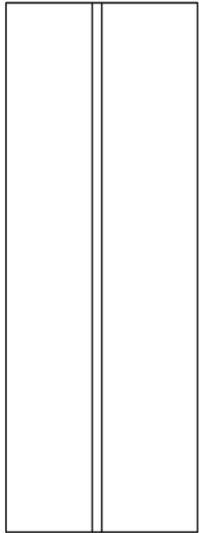
Additional Notes: Show instructor progress every 30 minutes, minimum.





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NOTE: SHEAR CUT
TACK WITH GMAW
WELDED IN MODULE
YOU ARE PARTICIPATING IN NEXT

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: <h2 style="text-align: center;">CIMWD -121 Project 7</h2>
		DIMENSIONS ARE IN INCHES				
		TOLERANCES:				
		FRACTIONAL ±				
		ANGULAR: MACH ± BEND ±				
		TWO PLACE DECIMAL ±				
		THREE PLACE DECIMAL ±				
		INTERPRET GEOMETRIC TOLERANCING PER:				SIZE DWG. NO. REV <h1 style="text-align: center;">A Part 8 1 8TH</h1>
		MATERIAL				
		FINISH				
		APPLICATION				
		DO NOT SCALE DRAWING				SCALE: 1:2 WEIGHT: SHEET 1 OF 1

5

4

3

2

1





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