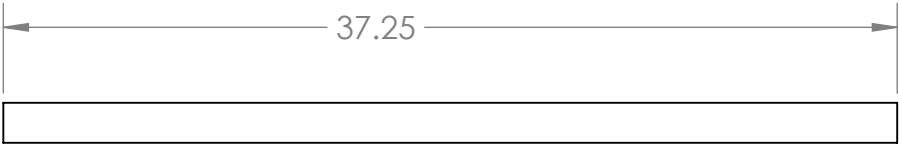


ITEM NO.	PartNo	Material	Material Style	DESCRIPTION	QTY.
1	STEMM1044-HR-01	ASTM A36 Steel	1 1/4" Sch 40 pipe	Upper step top hand rail E Module	1



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	S. GILL	5-26-11
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		ASTM A36 Steel			
NEXT ASSY	USED ON	FINISH			
	APPLICATION	DO NOT SCALE DRAWING			

ADVANCED LIGO

APOLLO SHEET METAL

TITLE: Upper step top hand rail E Module

SIZE **B**

DWG. NO. Stair rail horizontal

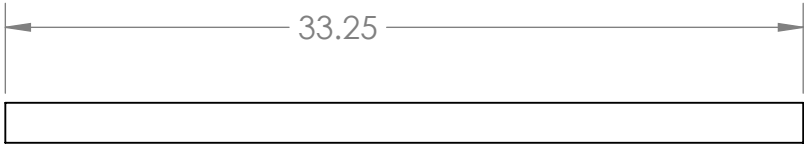
REV **0**

SCALE: 1:8

WEIGHT:

SHEET 1 OF 4

ITEM NO.	PartNo	Material	Material Style	DESCRIPTION	QTY.
1	STEMM1044-HR-02	ASTM A36 Steel	1 1/4" Sch 40 pipe	Upper step mid hand rail E Module	1

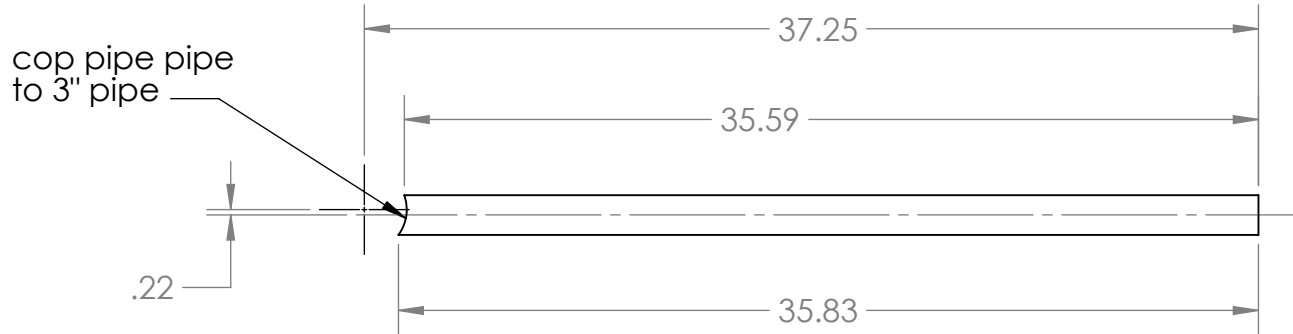


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		DIMENSIONS ARE IN INCHES	DRAWN	S. GILL	5-26-11
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC			
		TOLERANCING PER:			
		MATERIAL			
		ASTM A36 Steel			
NEXT ASSY	USED ON	FINISH			
	APPLICATION	DO NOT SCALE DRAWING			

ADVANCED LIGO		
APOLLO SHEET METAL		
TITLE: Upper step mid hand rail E Module		
SIZE B	DWG. NO. Stair rail horizontal	REV 0
SCALE: 1:8	WEIGHT:	SHEET 2 OF 4

ITEM NO.	PartNo	Material	Material Style	DESCRIPTION	QTY.
1	STEMM1044-HR-03	ASTM A36 Steel	1 1/4" Sch 40 pipe	Upper step top hand rail E Module	1

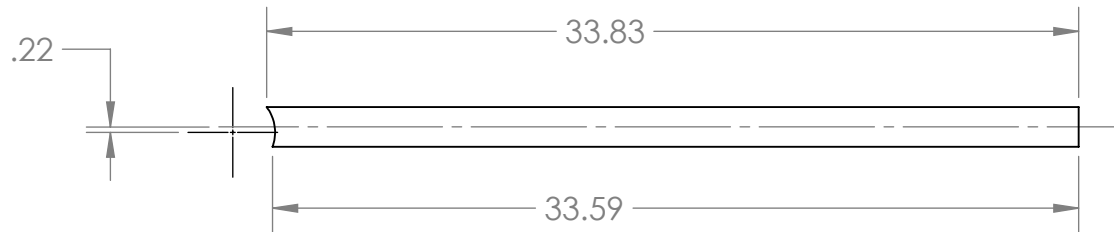


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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	S. GILL	5-26-11
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		ASTM A36 Steel			
		FINISH			
NEXT ASSY	USED ON				
	APPLICATION	DO NOT SCALE DRAWING			

ADVANCED LIGO		
APOLLO SHEET METAL		
TITLE: Upper step top hand rail E Module		
SIZE B	DWG. NO. Stair rail horizontal	REV 0
SCALE: 1:8	WEIGHT:	SHEET 3 OF 4

ITEM NO.	PartNo	Material	Material Style	DESCRIPTION	QTY.
1	STEMM1044-HR-04	ASTM A36 Steel	1 1/4" Sch 40 pipe	Upper step mid hand rail E Module	1



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	S. GILL	5-26-11
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
		ASTM A36 Steel			
NEXT ASSY	USED ON	FINISH			
		DO NOT SCALE DRAWING			
	APPLICATION				

ADVANCED LIGO

APOLLO SHEET METAL

TITLE:
 Upper step mid hand rail E Module

SIZE	DWG. NO.	REV
B	Stair rail horizontal	0
SCALE: 1:8	WEIGHT:	SHEET 4 OF 4