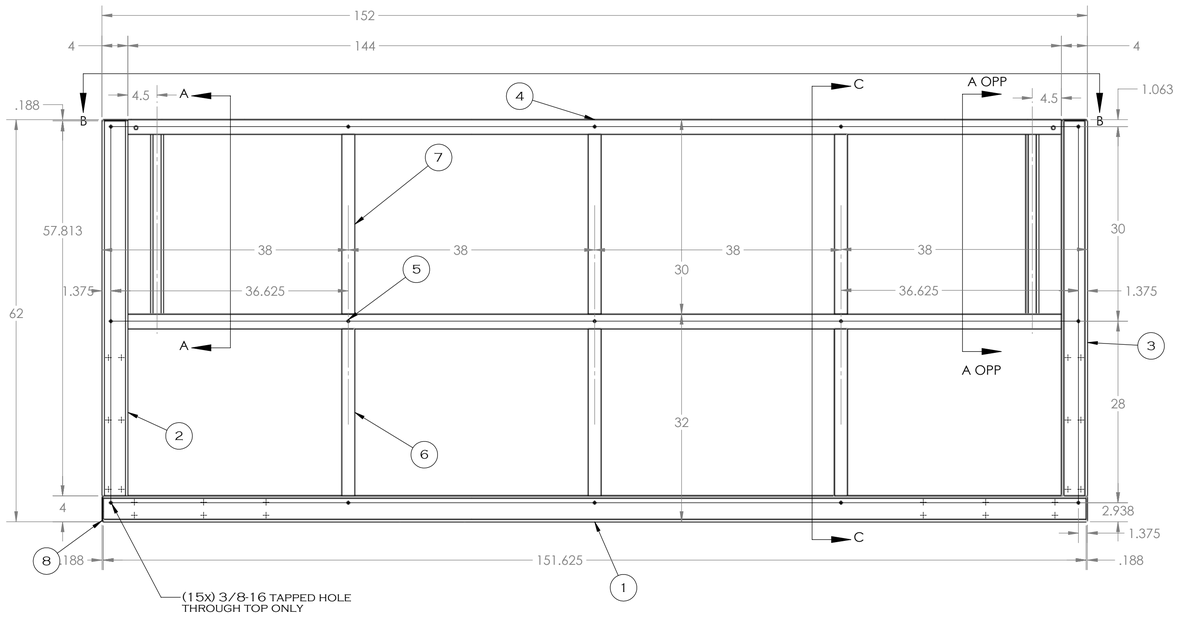
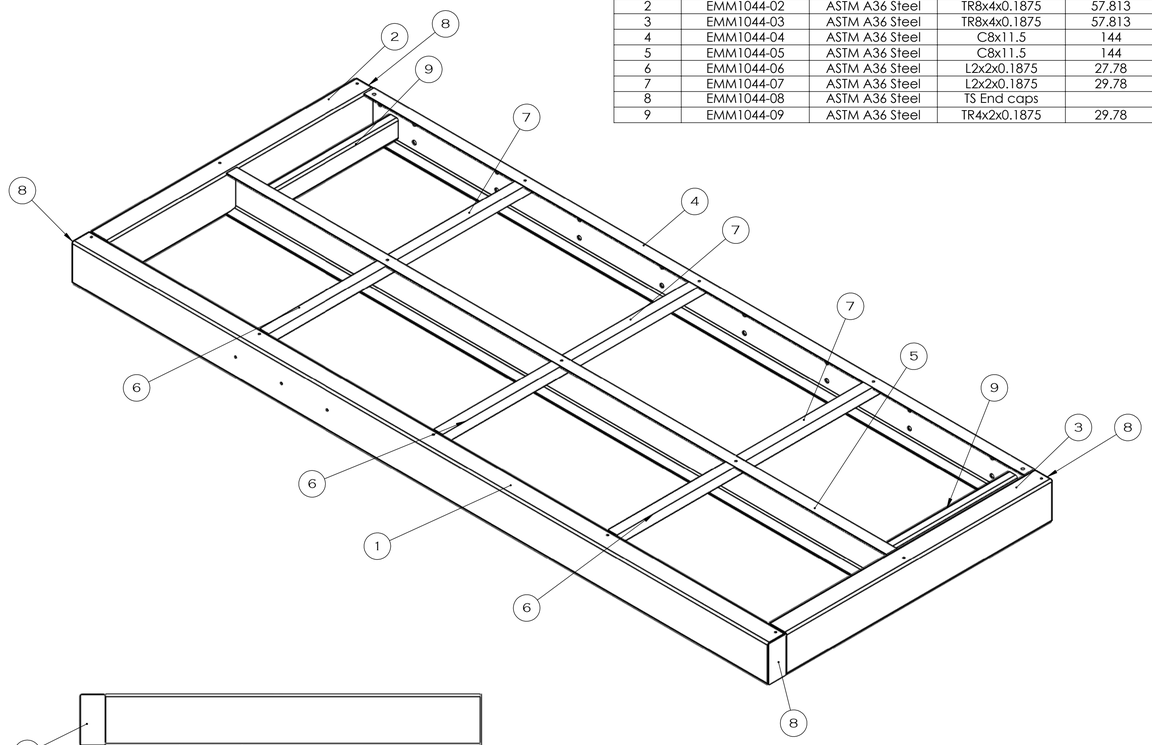
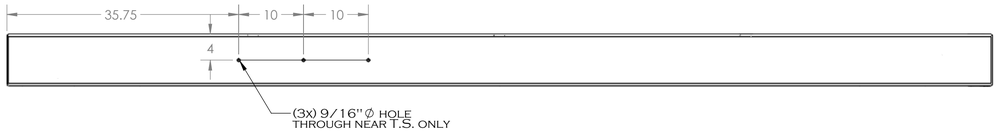
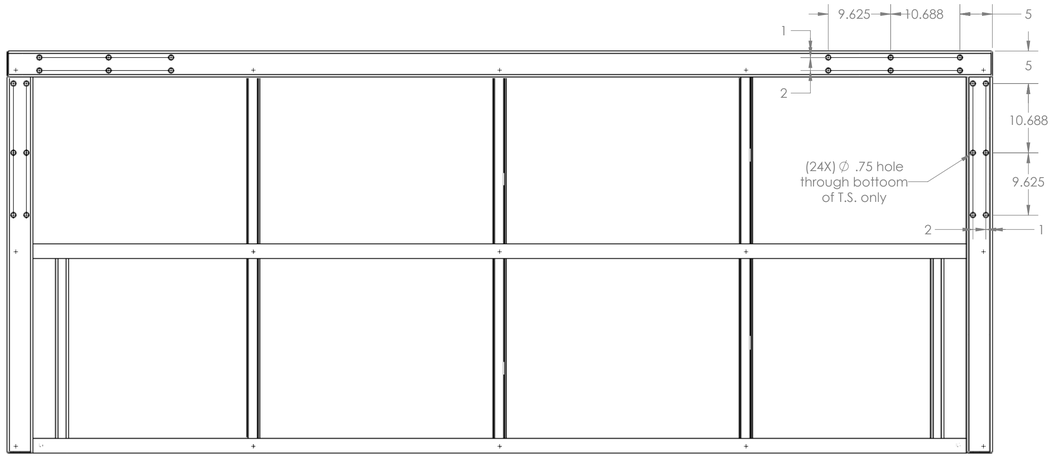
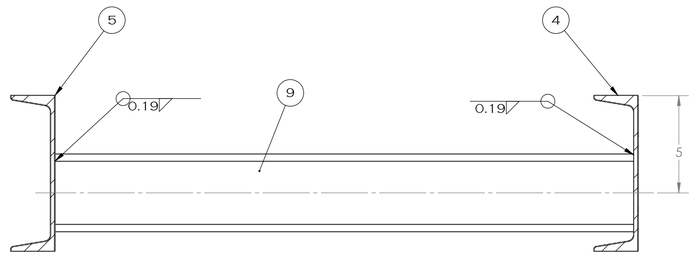
ITEM NO.	PART NO.	MATERIAL	DESCRIPTION	LENGTH	QTY.
1	EMM1044-01	ASTM A36 Steel	TR8x4x0.1875	151.625	1
2	EMM1044-02	ASTM A36 Steel	TR8x4x0.1875	57.813	1
3	EMM1044-03	ASTM A36 Steel	TR8x4x0.1875	57.813	1
4	EMM1044-04	ASTM A36 Steel	C8x11.5	144	1
5	EMM1044-05	ASTM A36 Steel	C8x11.5	144	1
6	EMM1044-06	ASTM A36 Steel	L2x2x0.1875	27.78	3
7	EMM1044-07	ASTM A36 Steel	L2x2x0.1875	29.78	3
8	EMM1044-08	ASTM A36 Steel	TS End caps		4
9	EMM1044-09	ASTM A36 Steel	TR4x2x0.1875	29.78	2



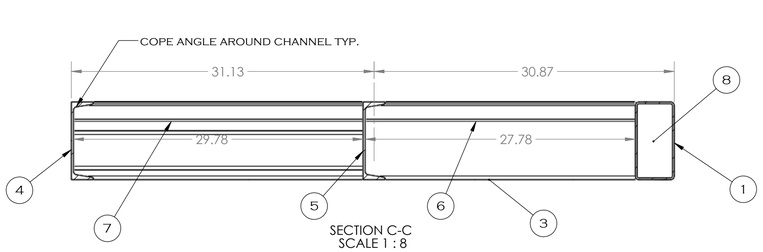




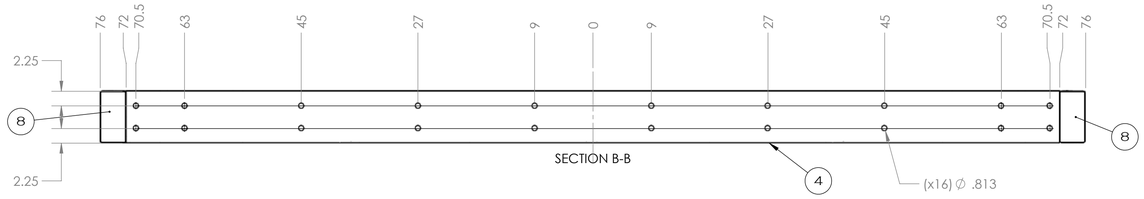




SECTION A-A
SCALE 1 : 4



SECTION C-C
SCALE 1 : 8



SECTION B-B

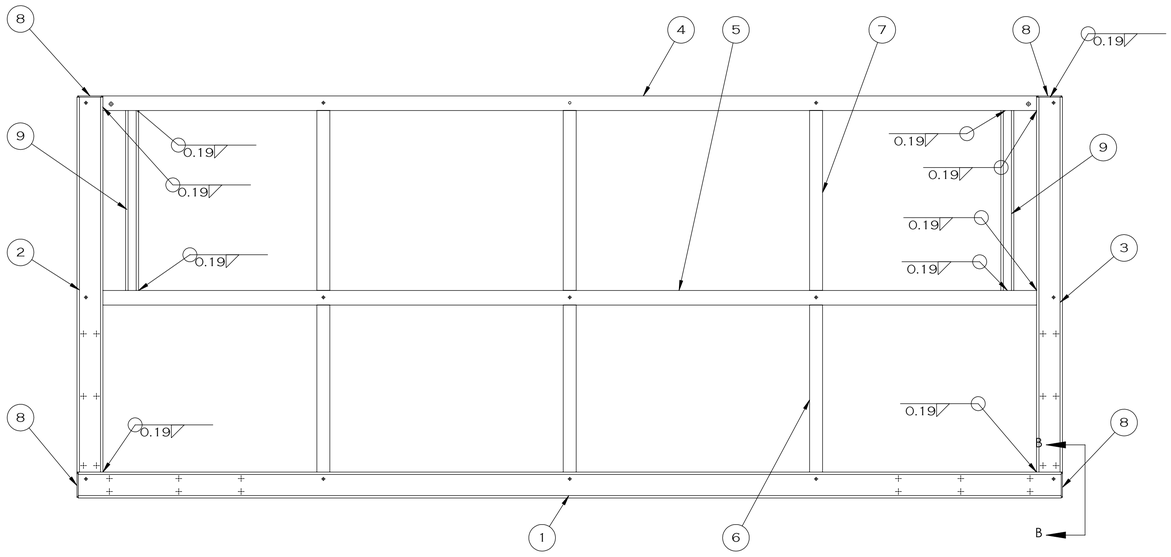
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

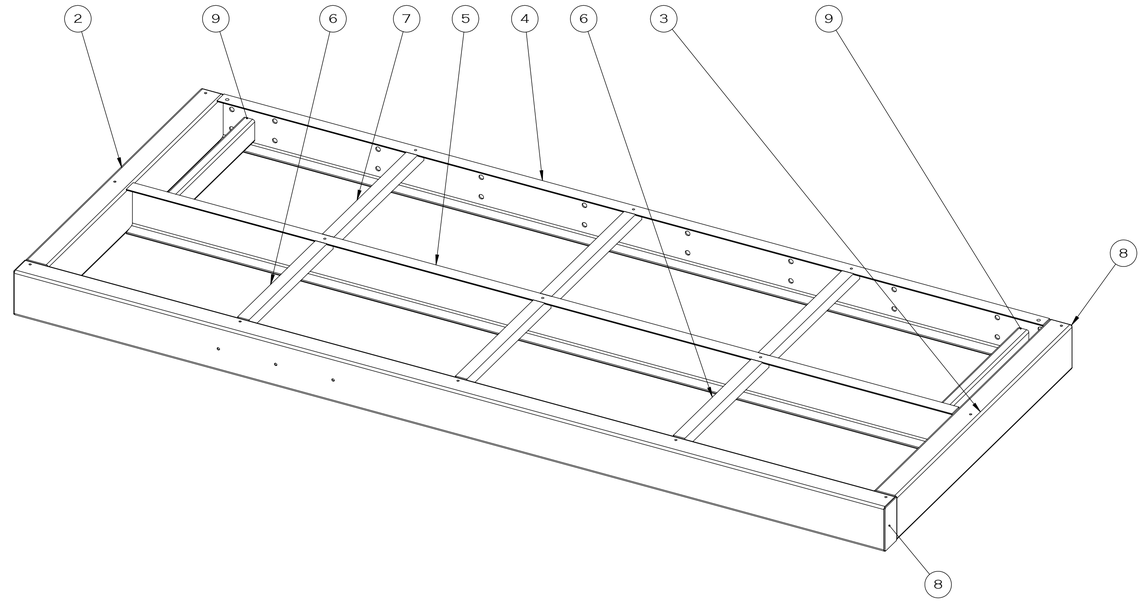
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
ASTM A36 Steel
FINISH
NEXT ASSY | USED ON
APPLICATION

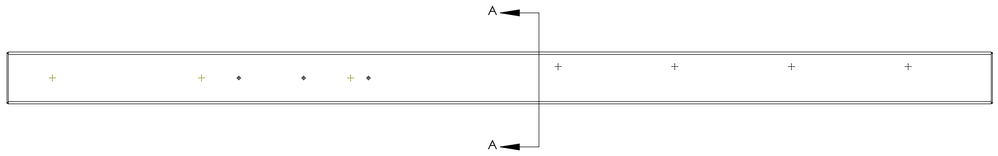
	NAME	DATE
DRAWN	S. GILL	5-27-11
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

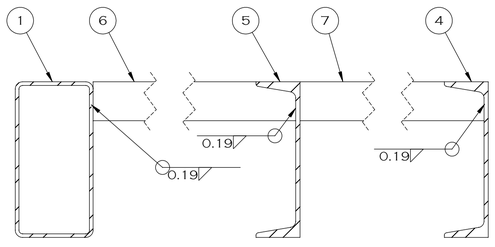
ADVANCED LIGO
APOLLO SHEET METAL
TITLE:
E module upper weldment
SIZE D | DWG. NO. Module E Upper Weldment | REV 1
SCALE: 1:12 WEIGHT: | SHEET 1 OF 2

ITEM NO.	PART NO.	MATERIAL	DESCRIPTION	LENGTH	QTY.
1	EMM1044-01	ASTM A36 Steel	TR8x4x0.1875	151.625	1
2	EMM1044-02	ASTM A36 Steel	TR8x4x0.1875	57.813	1
3	EMM1044-03	ASTM A36 Steel	TR8x4x0.1875	57.813	1
4	EMM1044-04	ASTM A36 Steel	C8x11.5	144	1
5	EMM1044-05	ASTM A36 Steel	C8x11.5	144	1
6	EMM1044-06	ASTM A36 Steel	L2x2x0.1875	27.78	3
7	EMM1044-07	ASTM A36 Steel	L2x2x0.1875	29.78	3
8	EMM1044-08	ASTM A36 Steel	TS End caps		4
9	EMM1044-09	ASTM A36 Steel	TR4x2x0.1875	29.78	2

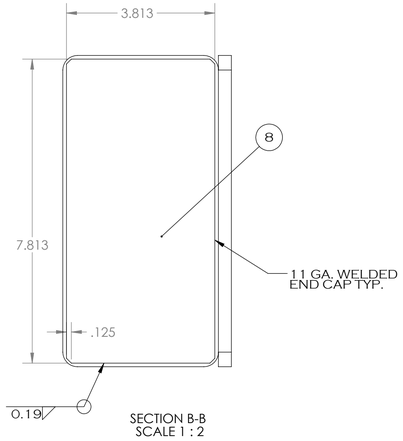








SECTION A-A
SCALE 1 : 4



SECTION B-B
SCALE 1 : 2

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	S. GILL	5-27-11
			CHECKED		
			ENG APPR.		
			MFG APPR.		
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
		MATERIAL ASTM A36 Steel	COMMENTS:		
		FINISH			
NEXT ASSY	USED ON				
APPLICATION					

ADVANCED LIGO

APOLLO SHEET METAL

TITLE:
E module upper weldment

SIZE	DWG. NO.	REV
D	Module E Upper Weldment	1

SCALE: 1:12 WEIGHT: SHEET 2 OF 2