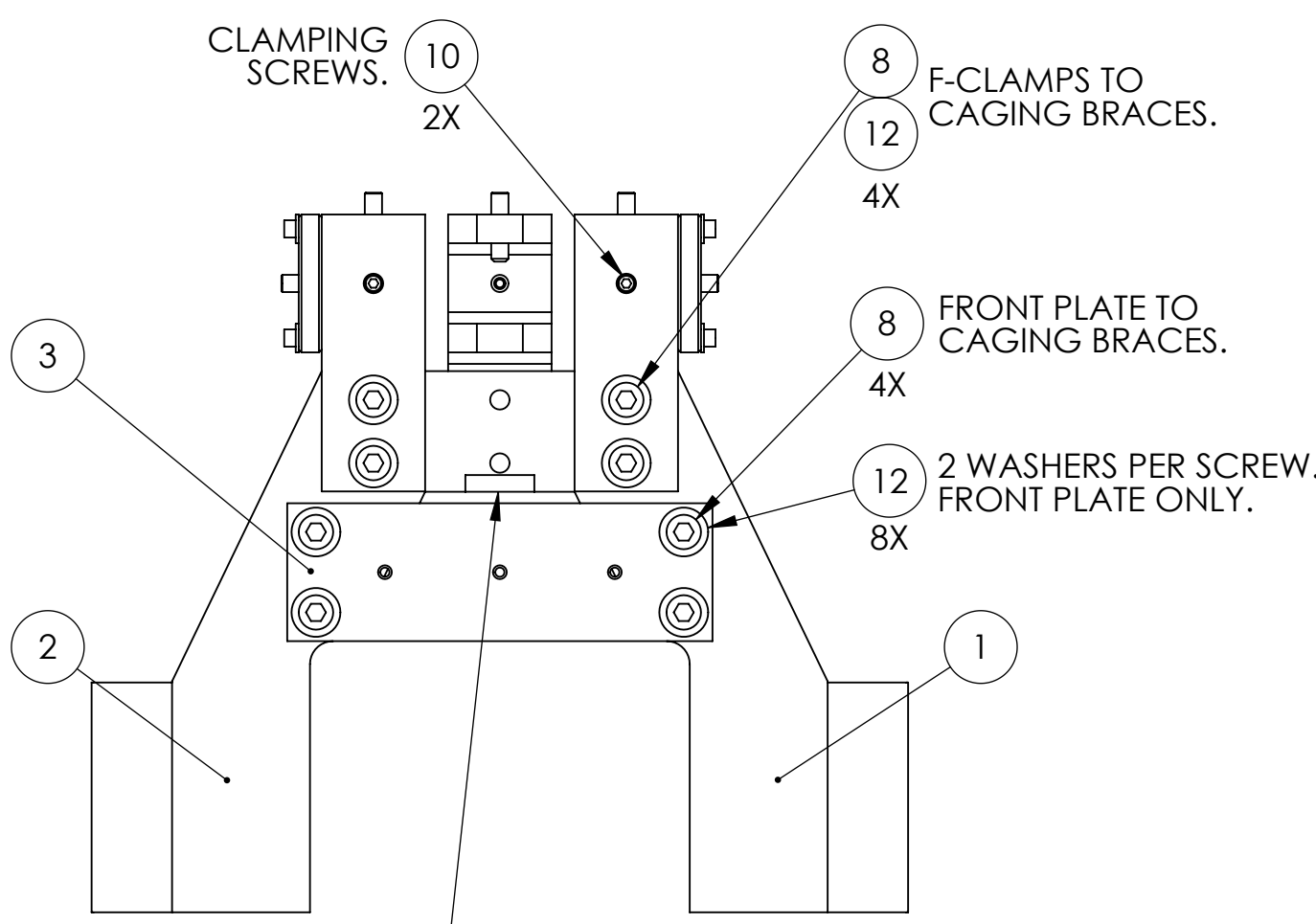
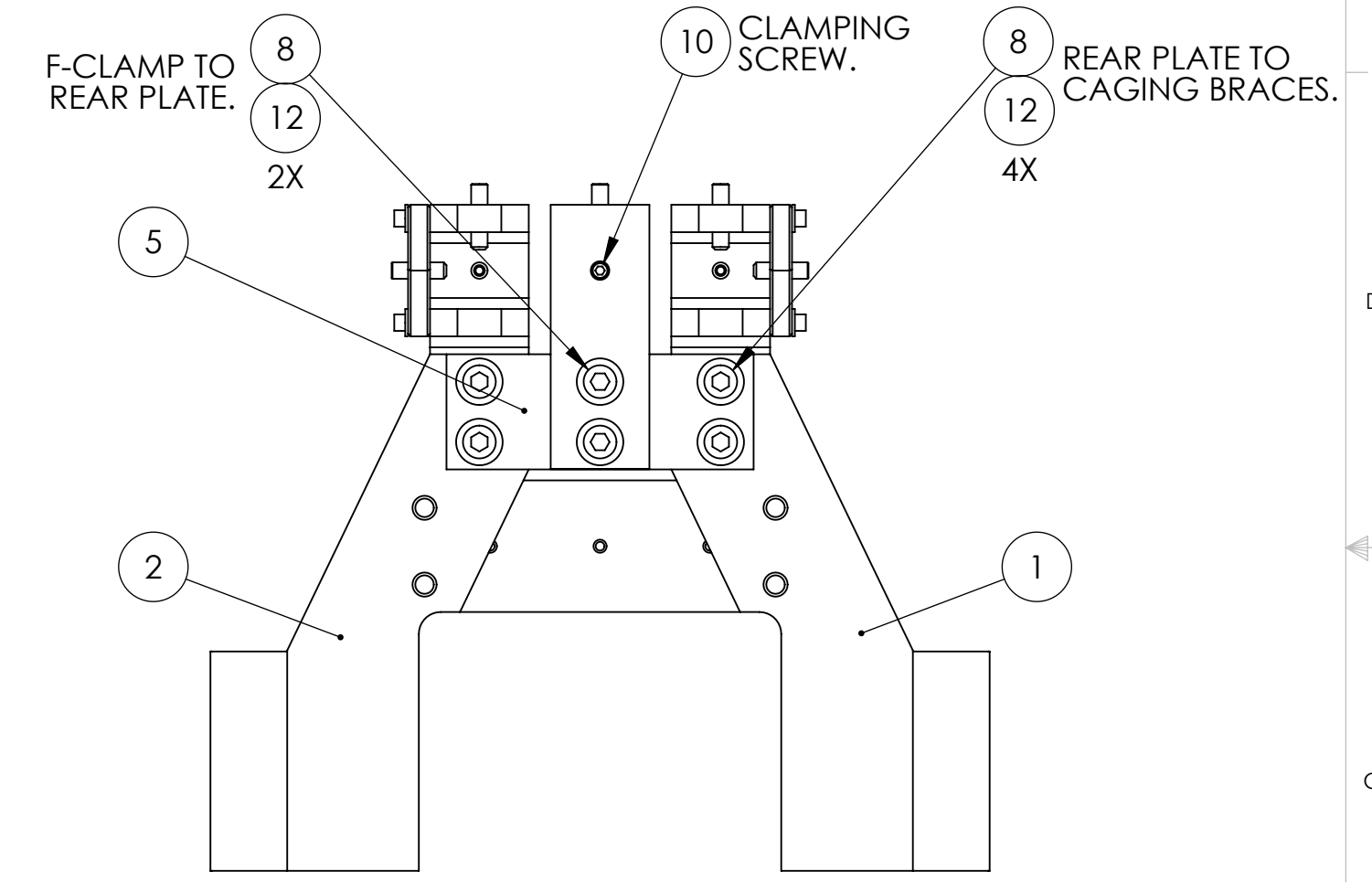
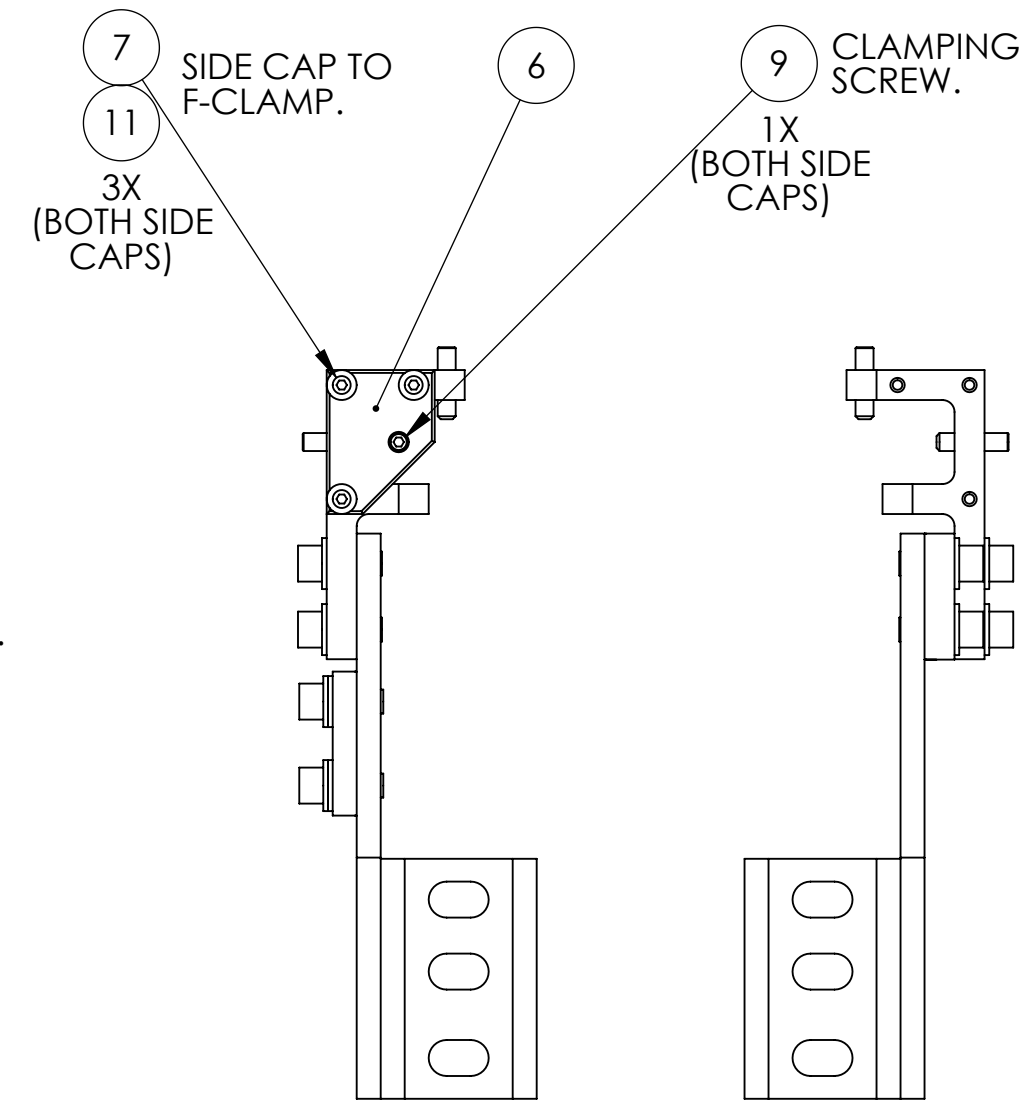
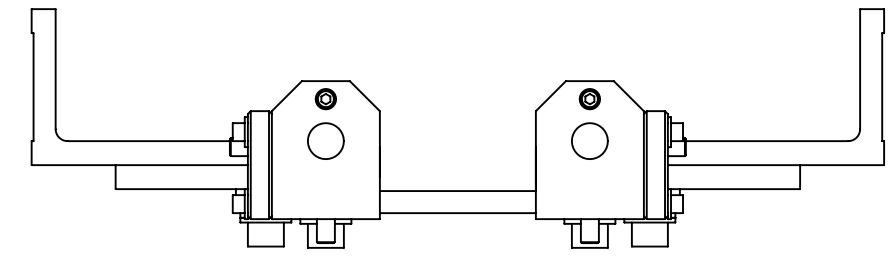
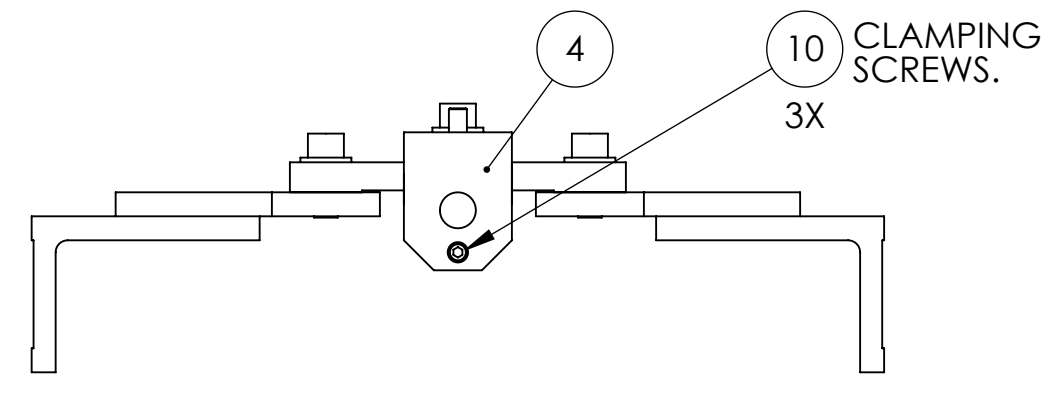
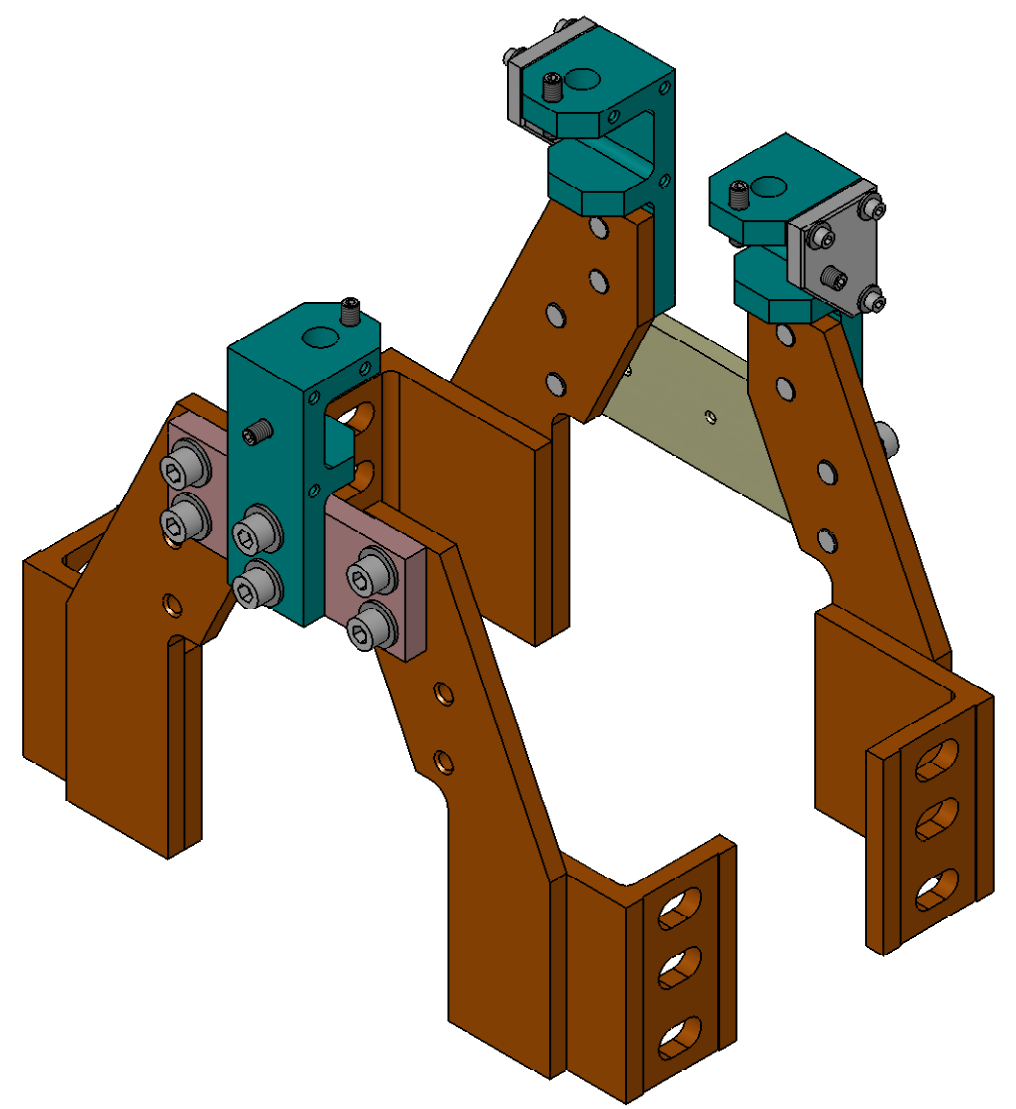


REV	DATE	APPROVAL	DESCRIPTION
00	11/06/2008	A. STEIN	PROTOTYPE RELEASE.



NOTE ORIENTATION OF NOTCH IN REAR PLATE.



BILL OF MATERIALS					
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	CONFIG DESCRIPTION	MATERIAL
1	2	D080491	HAM HEPI CAGING BRACE	FRONT-RIGHT / REAR-LEFT	1018 CRS
2	2	D080491	HAM HEPI CAGING BRACE	FRONT-LEFT / REAR-RIGHT	1018 CRS
3	1	D080492	HAM HEPI CAGING FRONT PLATE	-	1018 CRS
4	3	D080494	HAM HEPI CAGING F-CLAMP	-	1018 CRS
5	1	D080493	HAM HEPI CAGING REAR PLATE	-	1018 CRS
6	2	D080495	HAM HEPI CAGING SIDE CAP	-	303/304 SS
7	6	HOLOKROME 78062	SHCS	1/4"-20 X 1.0"	18-8 SS
8	14	HOLOKROME 78114	SHCS	1/2"-13 X 1.25"	18-8 SS
9	2	MCMMASTER 92311A640	SOCKET SET SCREW	3/8"-24 X 1.25"	18-8 SS
10	6	MCMMASTER 92311A642	SOCKET SET SCREW	3/8"-24 X 1.5"	18-8 SS
11	6	MCMMASTER 90126A029	FLAT WASHER	.281"ID X .625"OD	STEEL
12	18	MCMMASTER 90126A033	FLAT WASHER	.531"ID X 1.063"OD	STEEL

NOTES: (UNLESS OTHERWISE SPECIFIED)

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.
- ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410.
- CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
XX ± 0.015  
XXX ± 0.005  
ANGULAR ± 0.5°

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SYSTEM: ADVANCED LIGO  
SUB-SYSTEM: SEI  
NEXT ASSY: D030690  
PART NAME: HAM HEPI CAGING ASM

DRAWN: A. STEIN  
CHECKED: C  
APPROVED: C

DATE: 11/06/2008  
SIZE: C  
DWG. NO.: D080496  
REV.: 00

SCALE: 1:4 PROJECTION: SHEET 1 OF 1