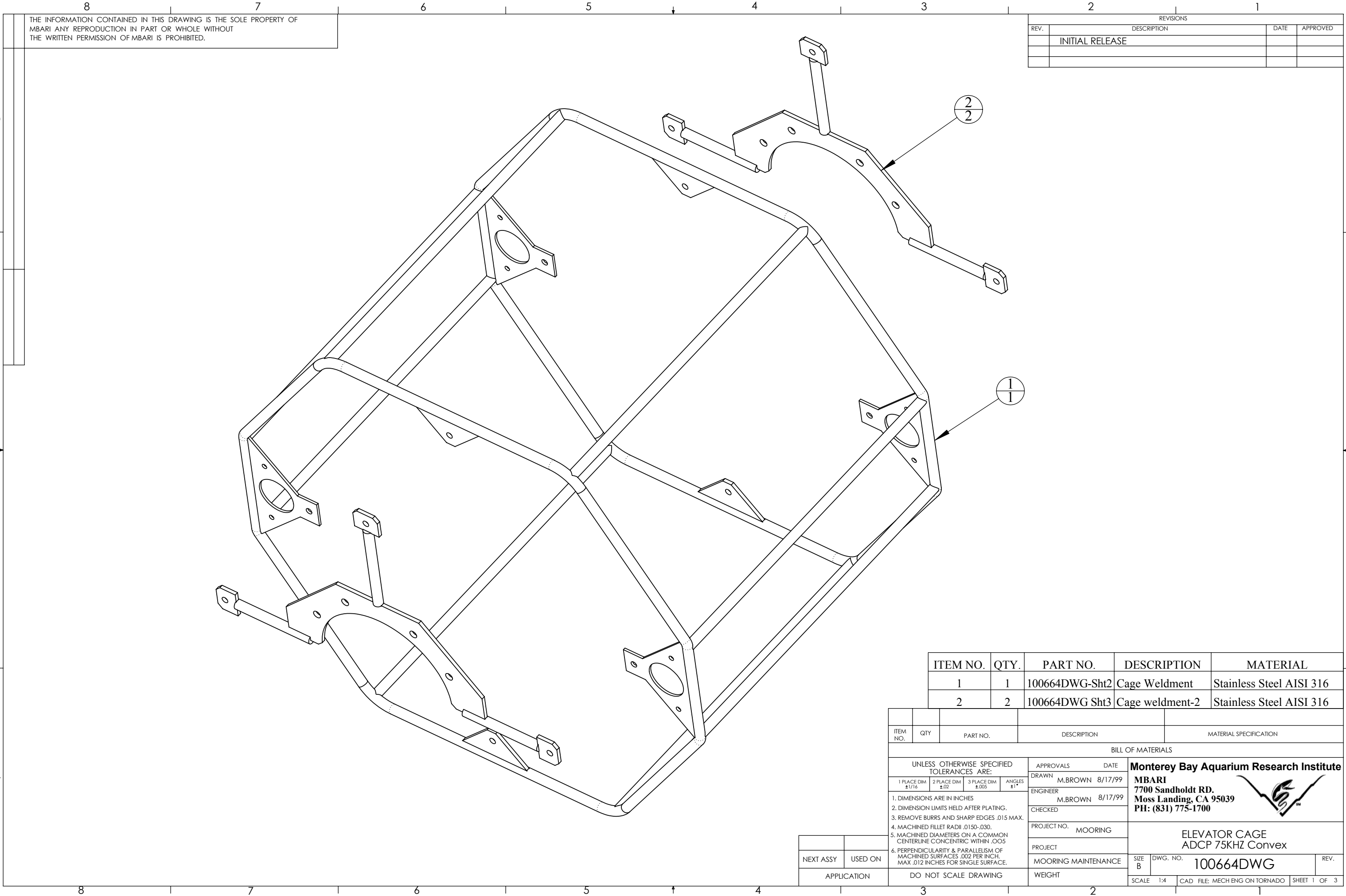




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

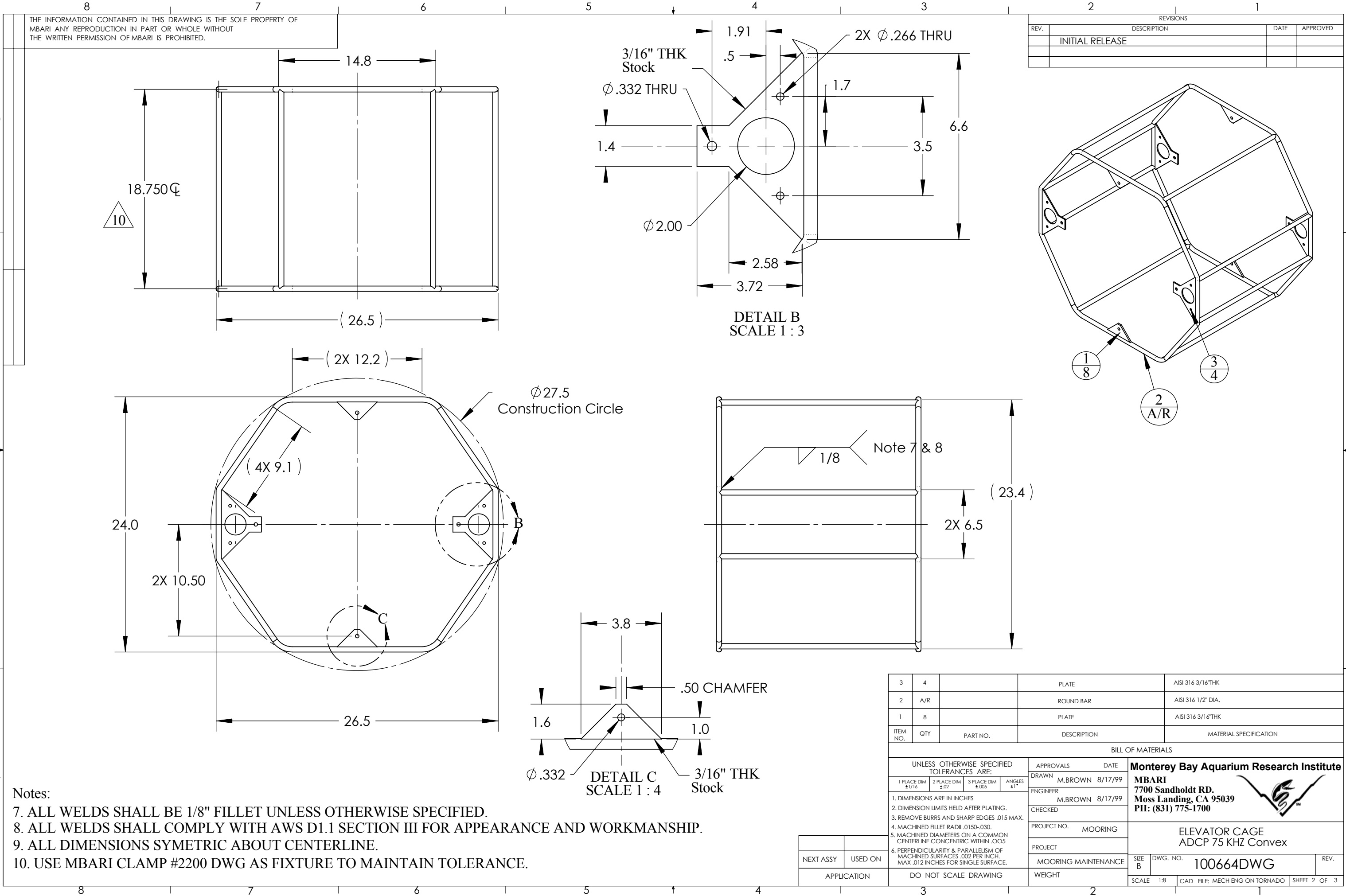
ITEM NO.	QTY.	PART NO.	DESCRIPTION	MATERIAL
1	1	100664DWG-Sht2	Cage Weldment	Stainless Steel AISI 316
2	2	100664DWG Sht3	Cage weldment-2	Stainless Steel AISI 316

ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN M.BROWN 8/17/99
1. DIMENSIONS ARE IN INCHES			ENGINEER	8/17/99
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	MOORING
4. MACHINED FILLET RADII .0150-.030.			PROJECT	
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			MOORING MAINTENANCE	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			WEIGHT	
NEXT ASSY USED ON			SIZE B	DWG. NO. 100664DWG
APPLICATION			SCALE 1:4	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 3

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



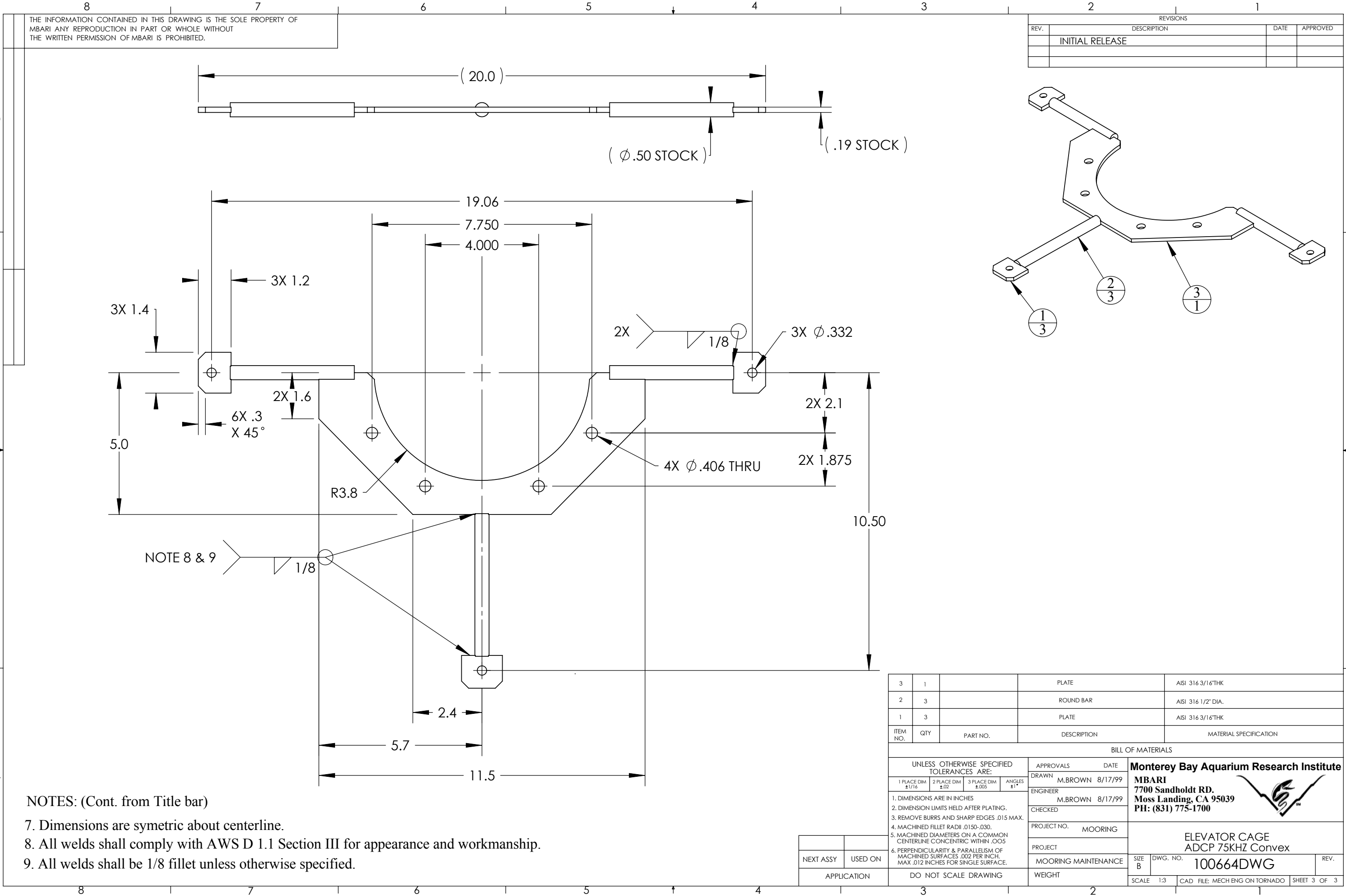
ELEVATOR CAGE
ADCP 75KHZ Convex



- Notes:
- 7. ALL WELDS SHALL BE 1/8" FILLET UNLESS OTHERWISE SPECIFIED.
 - 8. ALL WELDS SHALL COMPLY WITH AWS D1.1 SECTION III FOR APPEARANCE AND WORKMANSHIP.
 - 9. ALL DIMENSIONS SYMETRIC ABOUT CENTERLINE.
 - 10. USE MBARI CLAMP #2200 DWG AS FIXTURE TO MAINTAIN TOLERANCE.

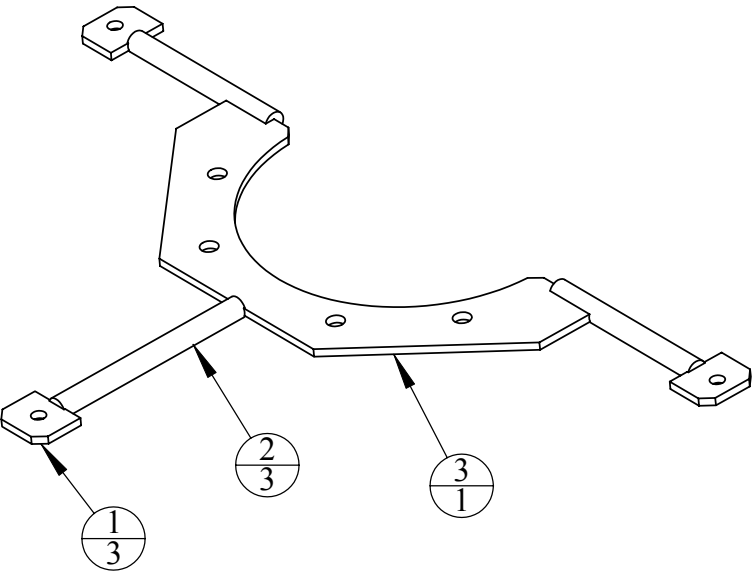
3	4		PLATE	AISI 316 3/16"THK
2	A/R		ROUND BAR	AISI 316 1/2" DIA.
1	8		PLATE	AISI 316 3/16"THK
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DRAWN	M.BROWN 8/17/99
1. DIMENSIONS ARE IN INCHES			ENGINEER	M.BROWN 8/17/99
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	MOORING
4. MACHINED FILLET RADII .0150-.030.			PROJECT	
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			MOORING MAINTENANCE	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			WEIGHT	
NEXT ASSY			USED ON	
APPLICATION			DO NOT SCALE DRAWING	
			SCALE 1:8	CAD FILE: MECH ENG ON TORNADO
			SHEET 2 OF 3	

Monterey Bay Aquarium Research Institute	
MBARI	
7700 Sandholdt RD.	
Moss Landing, CA 95039	
PH: (831) 775-1700	
	
ELEVATOR CAGE	
ADCP 75 KHZ Convex	
SIZE B	DWG. NO. 100664DWG
REV.	



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



- NOTES: (Cont. from Title bar)
- 7. Dimensions are symetric about centerline.
 - 8. All welds shall comply with AWS D 1.1 Section III for appearance and workmanship.
 - 9. All welds shall be 1/8 fillet unless otherwise specified.

3	1		PLATE	AISI 316 3/16"THK
2	3		ROUND BAR	AISI 316 1/2" DIA.
1	3		PLATE	AISI 316 3/16"THK
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DRAWN	M.BROWN 8/17/99
1. DIMENSIONS ARE IN INCHES			ENGINEER	M.BROWN 8/17/99
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	MOORING
4. MACHINED FILLET RADII .0150-.030.			PROJECT	
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			MOORING MAINTENANCE	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			WEIGHT	
			SCALE	1:3
			CAD FILE:	MECH ENG ON TORNADO
			SHEET	3 OF 3

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



ELEVATOR CAGE
ADCP 75KHZ Convex
SIZE B DWG. NO. **100664DWG** REV.