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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

ITEM NO.	PART NUMBER	DESCRIPTION	Box with all components/QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	Box with all components/QTY.
1	new motor housing 09		1	24	10020529 Mag Coupling Support Base Clamp		1
2	2 x 2 x 18 inch 316 Angle		1	25	10020528 Mag Coupling Support Base		1
3	3 x 3 x 18 inch 316 Angle		1	26	10020508 Central Motor Support Clamp		1
4	Gusset for 3x3 angle		3	27	10020505 Central Motor Support Base		1
5	4475K128		2	28	4452K478		1
6	46495K25		2	29	Revised CO2 Box Filling Nozzle Female		1
7	Top Long Equipmnt Securing 316 Angle		2	30	ODI male Docking Plug		1
8	Top Short Equipment Securing 316 Angle		2	31	ODI Conn.		1
9	Modified Weld On 1 1.5 in. NPT Tank Fitting		2	32	0.5 in. Male Pipe Weld Connector_SS-810-1-8W	Male Pipe Weld Connector	1
10	External End Panel Angle		4	33	Stainless Steel Inlet Tube		1
11	10020619 Access Panel		1	34	strainer		1
12	Peristaltic Pump		1	35	Female Connector (Tapered Thread)_SS-810-7-8_1_2 x 1_2	Female Connector (Tapped Thread)	1
13	Access Panel Frame		1	36	Male Hex Nipple, NPT SS-8-HN-8RS_1_2 x 1_2	Male Hex Nipple, NPT/RS	1
14	CO2 Box Sight Glass Assembly		1	37	Barrel Nut .25-20 thd .5 in. x 1 in.	Barrel Nut	4
15	HX-SHCS 0.19-24x0.875x0.875-N		28	38	CO2 Delivery System JBox Base Clamp		1
16	Preferred Narrow FW 0.19		28	39	CO2 Delivery System JBox Top Clamp		1
17	Top Instrumentation Baseplate		1	40	10020617 CO2 Box Single Sheet Box Top		1
18	Barrel Nut .25-20 thd .5 in.dia. x 1 in. long	Barrel Nut	8	41	10020618 CO2 Box Single Sheet Box Bottom		1
19	pH Meter on Chamber		1	42	Part2^CO2 Delivery System Tank Assembly		1
20	Male Pipe Weld Connector_SS-600-1-6W_3_8 x 3_8	Male Pipe Weld Connector	1	43	IAUV DCON Electronics Housing Assembly		1
21	Hyd_Compensator	Hyd. Compensator Assembly	1	44	pH inlet Tubing		1
22	10020547 CO2 Clutch Thrust Bushing Plate		1	45	pH outlet Tubing		1
23	disk MTD-2 coupling		1				

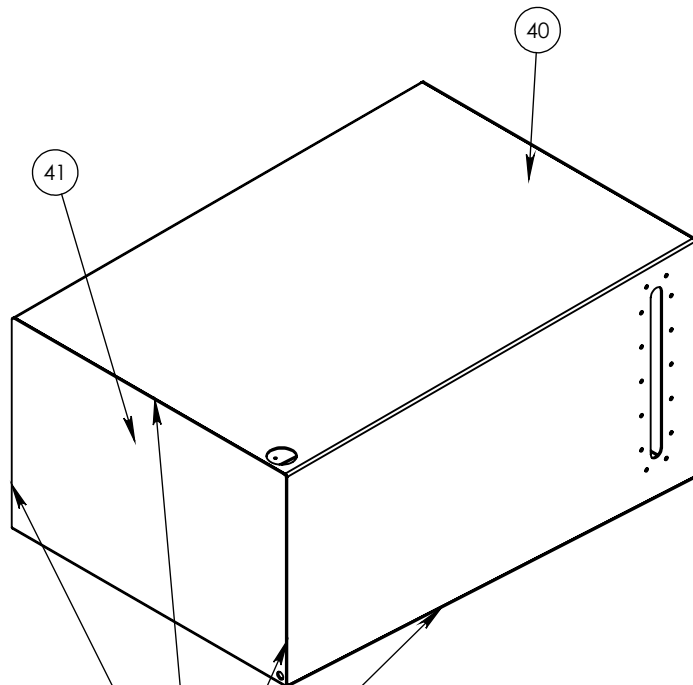
Complete Assembly

NEXT ASSY		USED ON	APPLICATION
			DO NOT SCALE DRAWING

BILL OF MATERIALS			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN F. Shane	15Dec10
3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER F. Shane	15Dec10
1. DIMENSIONS ARE IN INCHES		CHECKED	
2. DIMENSION LIMITS HELD AFTER PLATING.		PROJECT NO.	900719
3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT	FOCE
4. MACHINED FILLET RADII .0150-.030.		WEIGHT	
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.			

Monterey Bay Aquarium Research Institute		FOCE CO2 Box Weld Assembly	
7700 Sandholdt RD, Moss Landing, CA 95039 PH: (408) 775-1700		10020640.DWG	
SIZE B	DWG. NO.	REV.	
SCALE NONE	CAD FILE: Project Library\900719\FOCE	SHEET 1 OF 3	

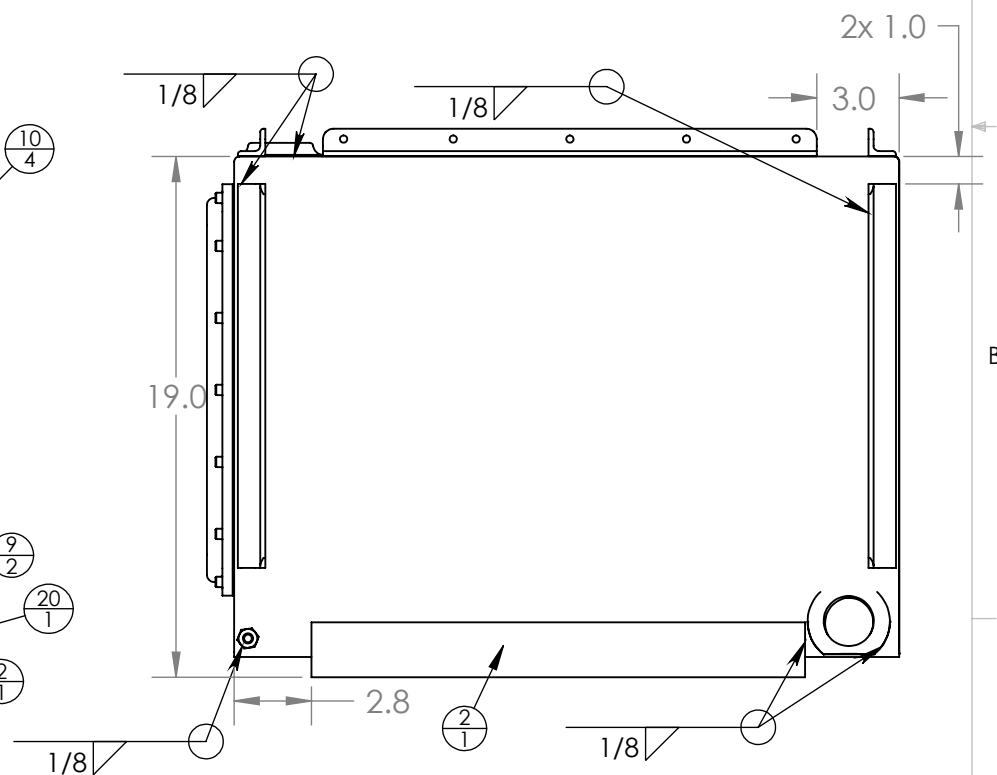
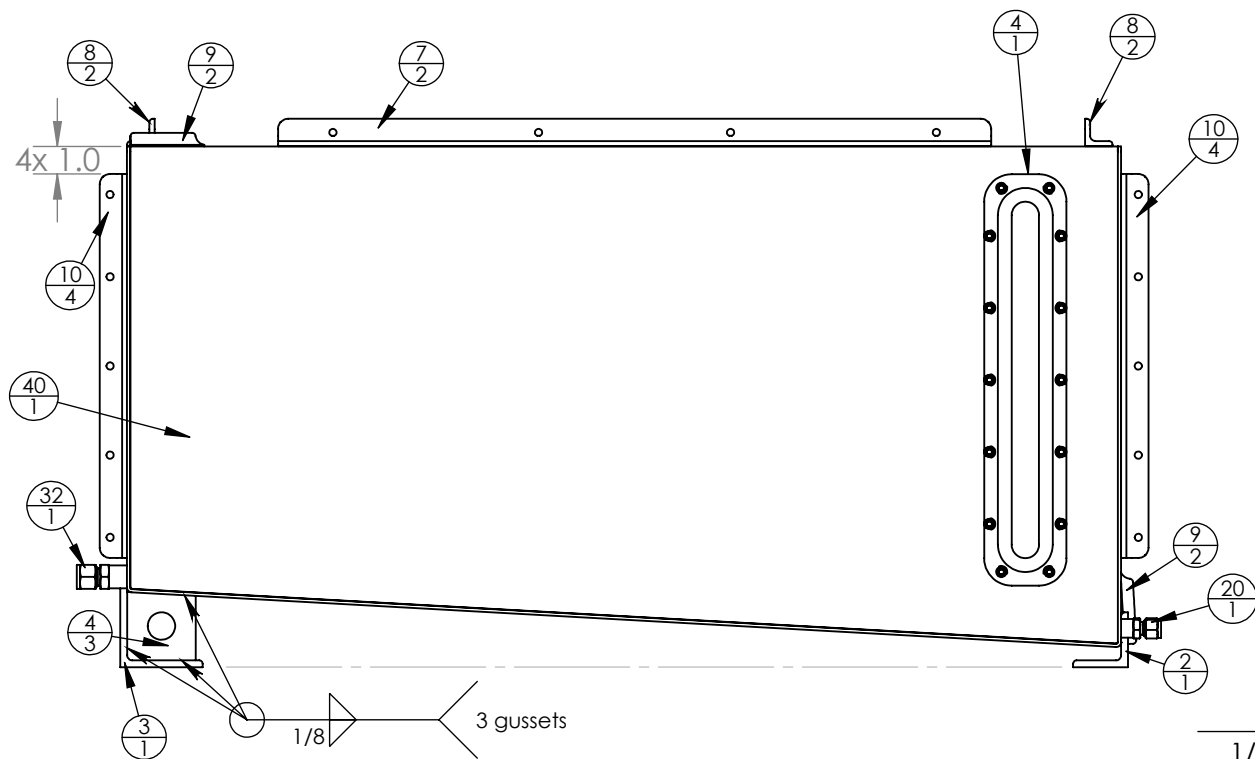
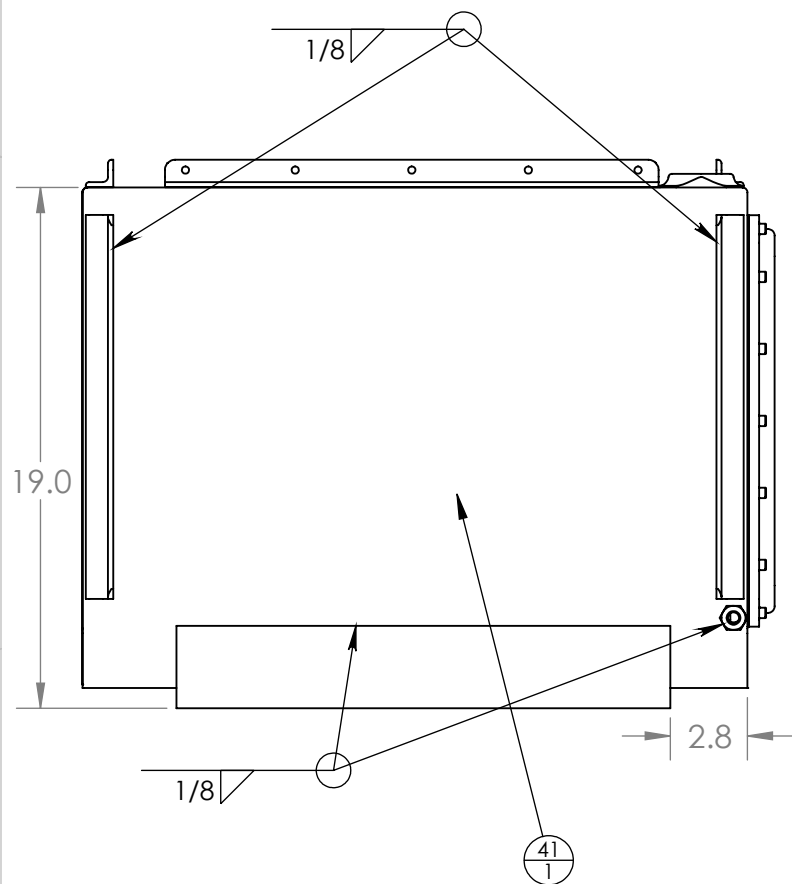
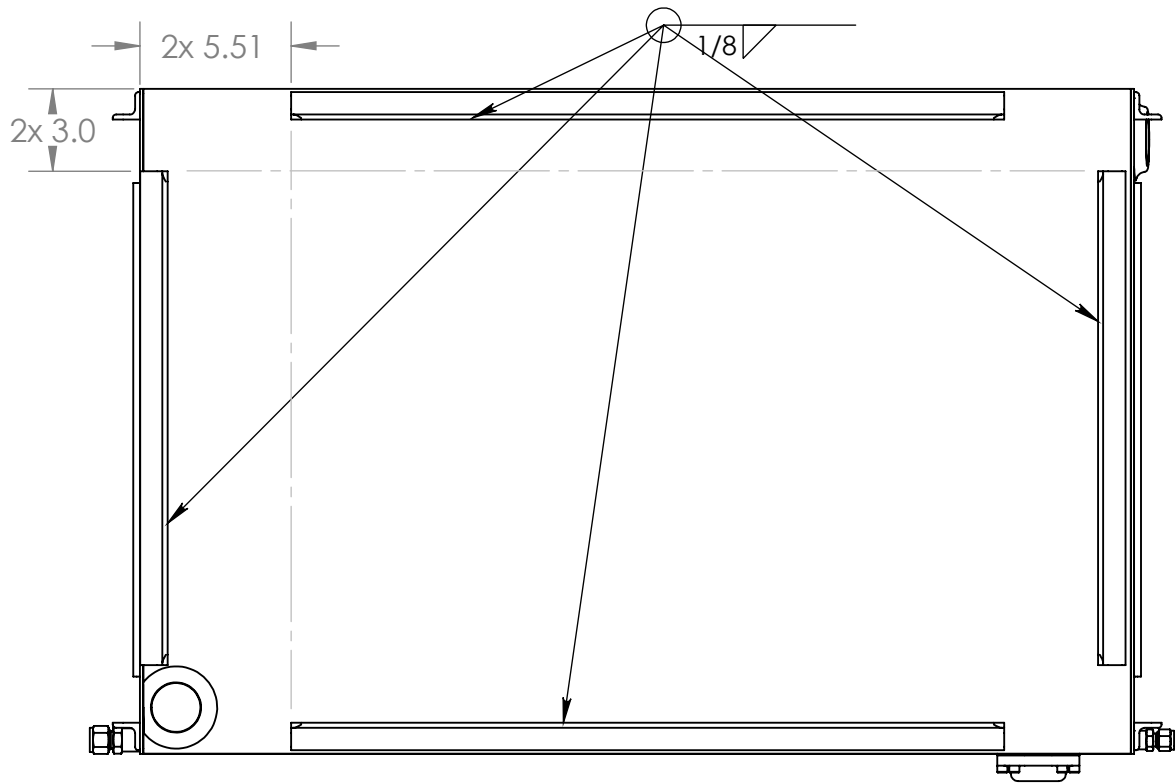
REVISIONS			
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		BILL OF MATERIALS			
		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE DRAWN F. Shane 15Dec10 ENGINEER F. Shane 15Dec10 CHECKED PROJECT NO. 900719 PROJECT FOCE SIZE B DWG. NO. 10020640.DWG SCALE NONE CAD FILE: Project Library\900719\FOCE SHEET 2 OF 3	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE.			
NEXT ASSY	USED ON	APPLICATION DO NOT SCALE DRAWING			

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APPROVALS		DATE
DRAWN	F. Shane	06Apr10
ENGINEER	F. Shane	06Apr10
CHECKED		
PROJECT NO.		900719
PROJECT		FOCE
WEIGHT		

Monterey Bay Aquarium
Research Institute

7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (408) 775-1700

FOCE
CO2 Box
Weld Assembly

SIZE B	DWG. NO. 10020640.DWG	REV.
SCALE NONE	CAD FILE: Project Library\900719\FOCE	SHEET 3 OF 3

NEXT ASSY	USED ON
APPLICATION	

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