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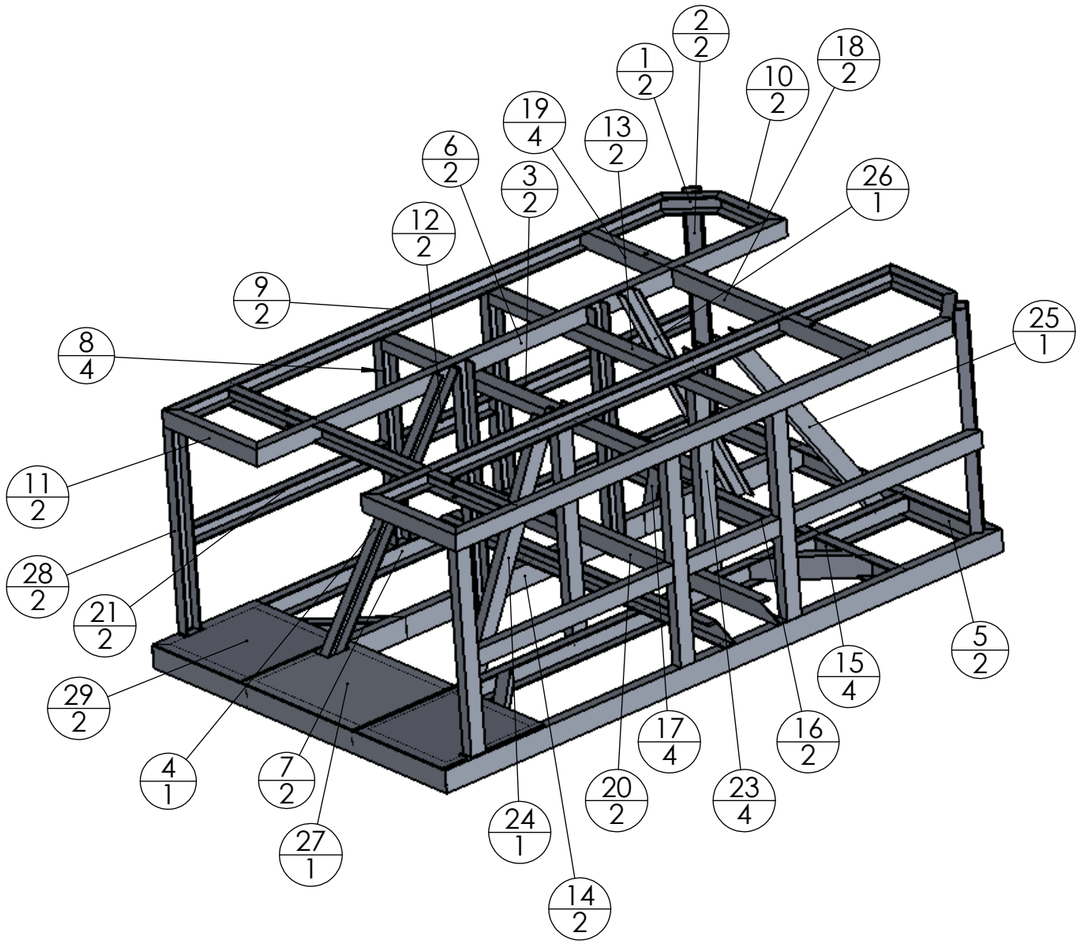
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	4.87 in. Top Aft Short Angled Corner 6063-T5 Al Channel		2
2	19.65 in. Aft Vertical Supports 6063-T5 Al Channel		2
3	19.77 in. Aft Side Mid-Longitudinal 6063-T5 Al Channel		2
4	27.52 in. Stbd Long Fwd Angled 6063-T5 Al Channel		1
5	35.28 in. Bottom Lateral 6063-T5 Al Channel		2
6	55.90 in. Top Inner Longitudinal 6063-T5 Al Channel		2
7	58.71 in. Bottom Longit. 6063-T5 Al Channel		2
8	18.14 in. Vertical Edge Supports 6063-T5 Al Channel		4
9	52.46 in. Top Side Longitudinal 6063-T5 Al Channel		2
10	7.89 in. Top Aft Lateral 6063-T5 Al Channel		2
11	11.33 in. Top Front Lateral 6063-T5 Al Channel		2
12	9.75 in. Mid-Side Mid-Longitudinal 6063-T5 Al Channel		2
13	33.28 in. Top Mid Lateral 6063-T5 Al Channel		2
14	56.71 in. Bottom Center Longit. 6063-T5 Al Channel		2
15	9.34 in. Bottom Port and Stbd Lateral 6063-T5 Al Channel		4

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
16	12.59 in. Bottom Center Lateral 6063-T5 Al Channel		2
17	9.75 in. Bottom Angular Gusset 6063-T5 Al Channel		4
18	12.61 in. Top center Lateral 6063-T5 Al Channel		2
19	Revised 052814 9.33 in. Top side Lateral 6063-T5 Al Channel		4
20	35.28 in. Bottom Lateral Center 6063-T5 Al Channel		2
21	20.54 in. Fwd Side Mid-Longitudinal 6063-T5 Al Channel		2
22	10.61 in. Center H-Frame Mid-Lateral 6063-T5 Al Channel		2
23	21.65 in. Inner Vertical Support 6063-T5 Al Channel		4
24	27.52 in. Port Long Fwd Angled 6063-T5 Al Channel		1
25	27.52 in. Long Aft Angled 6063-T5 Al Channel		1
26	24.62 in. Short Aft Port Angled 6063-T5 Al Channel		1
27	Center Front Porch Plate		1
28	18.01 in. FWD Vertical Edge Supports 6063-T5 Al Channel		2
29	Side Front Porch Plate		2

BILL OF MATERIALS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM	2 PLACE DIM	3 PLACE DIM	ANGLES
±1/16	±.02	±.005	±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 .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

APPROVALS		DATE
DRAWN	F. Shane	05Jan2014
ENGINEER	F. Shane	05Jan2014
CHECKED		
PROJECT NO.	901219	
PROJECT	SWFOCE	
WEIGHT		

Monterey Bay Aquarium Research Institute
7700 Sandholdt RD.
Moss Landing, CA 95039
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TITLE

SIZE	DWG. NO.	REV.
B	XXXXXXXX	
SCALE NONE	CAD FILE: Project Library\901219\SWFOCE	SHEET 1 OF 1

NEXT ASSY	USED ON
APPLICATION	

DO NOT SCALE DRAWING