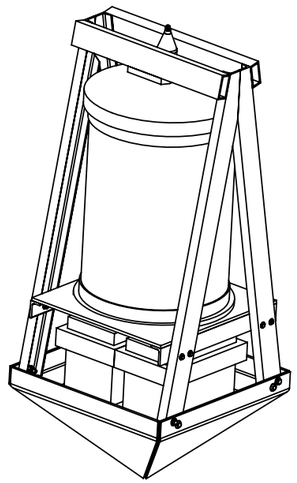
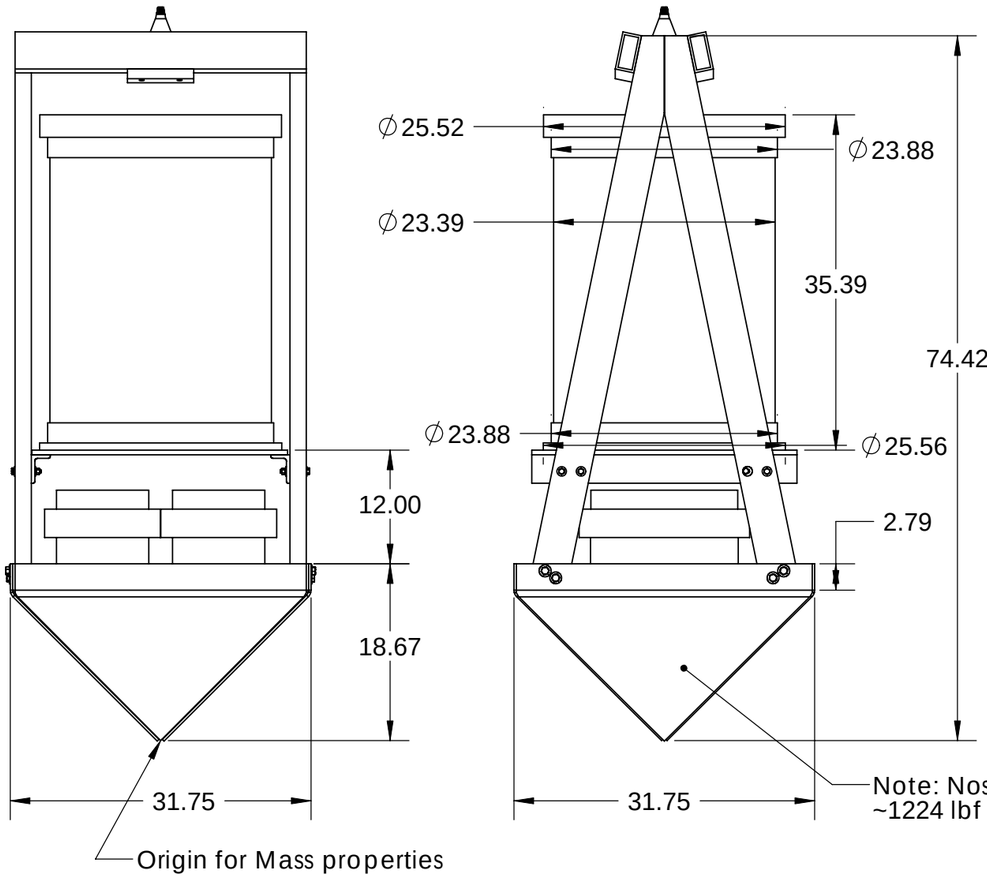
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	MMM DD, YY	Gene M





Mass properties of espBase2 (Assembly Configuration - Default)

Output coordinate System: -- default --

Mass = 1712.23 pounds

Volume = 24870.13 cubic inches

Surface area = 18412.75 inches^2

Center of mass: (inches)
X = -0.00
Y = 16.31
Z = -0.00

Principal axes of inertia and principal moments of inertia: (pounds * square inches)
Taken at the center of mass.
Ix = (-0.00, 1.00, 0.00) Px = 143876.60
Iy = (-1.00, -0.00, -0.00) Py = 415181.32
Iz = (-0.00, 0.00, 1.00) Pz = 428717.79

Moments of inertia: (pounds * square inches)
Taken at the center of mass and aligned with the output coordinate system.
Lxx = 415181.31 Lxy = -67.86 Lxz = 0.03
Lyx = -67.86 Lyy = 143876.62 Lyz = 0.03
Lzx = 0.03 Lzy = 0.03 Lzz = 428717.79

Moments of inertia: (pounds * square inches)
Taken at the output coordinate system.
Ixx = 870825.59 Ixy = -118.22 Ixz = 0.03
Iyx = -118.22 Iyy = 143876.62 Iyz = 0.00
Izx = 0.03 Izy = 0.00 Izz = 884362.07

Status: In Design

BILL OF MATERIALS

NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS	DATE
		1 PLACE DIM ±1/16 · 2 PLACE DIM ±.02 · 3 PLACE DIM ±.005 · ANGLES ±1°	DRAWN	Gene M.
THIRD ANGLE PROJECTION		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.	ENGINEER	Gene M.
			CHECKED	
			PROJECT NO.	708602
			PROJECT	ESP Profiler
		DO NOT SCALE DRAWING	MAT'L	

Monterey Bay Aquarium Research Institute
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SIZE	DWG. NO.	REV.
B		-.02
SCALE 1:16	CAD FILE:	SHEET 1 OF 1