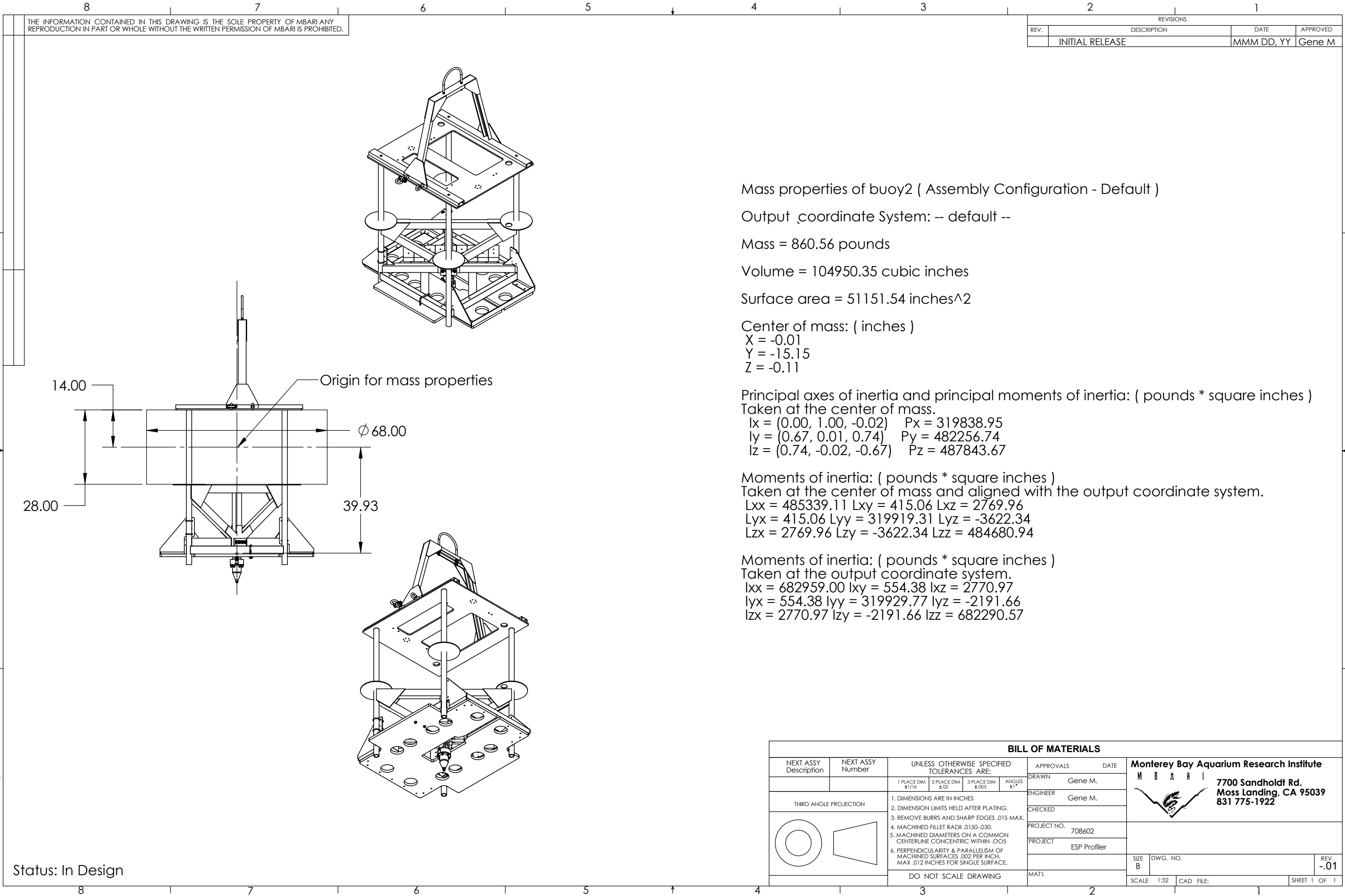




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	MMM DD, YY	Gene M

Mass properties of buoy2 (Assembly Configuration - Default)

Output coordinate System: -- default --

Mass = 860.56 pounds

Volume = 104950.35 cubic inches

Surface area = 51151.54 inches^2

Center of mass: (inches)

X = -0.01

Y = -15.15

Z = -0.11

Principal axes of inertia and principal moments of inertia: (pounds * square inches)

Taken at the center of mass.

Ix = (0.00, 1.00, -0.02) Px = 319838.95

Iy = (0.67, 0.01, 0.74) Py = 482256.74

Iz = (0.74, -0.02, -0.67) Pz = 487843.67

Moments of inertia: (pounds * square inches)

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 485339.11 Lxy = 415.06 Lxz = 2769.96

Lyx = 415.06 Lyy = 319919.31 Lyz = -3622.34

Lzx = 2769.96 Lzy = -3622.34 Lzz = 484680.94

Moments of inertia: (pounds * square inches)

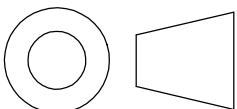
Taken at the output coordinate system.

Ixx = 682959.00 Ixy = 554.38 Ixz = 2770.97

Iyx = 554.38 Iyy = 319929.77 Iyz = -2191.66

Izx = 2770.97 Izy = -2191.66 Izz = 682290.57

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 .005 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			
						SIZE B	DWG. NO.	REV. -01		
		DO NOT SCALE DRAWING				MAT'L		SCALE 1:32	CAD FILE:	SHEET 1 OF 1
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