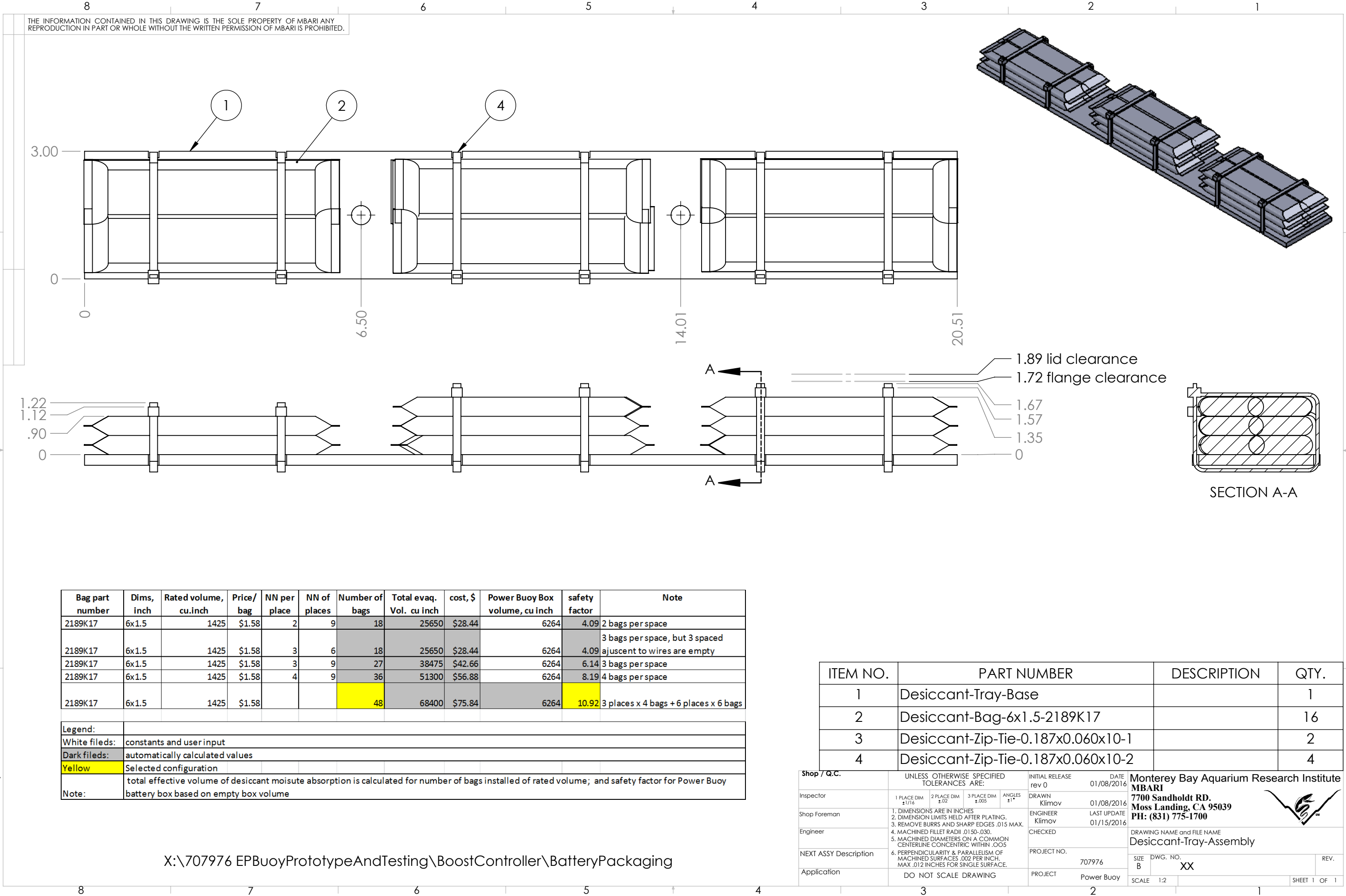




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

Bag part number	Dims, inch	Rated volume, cu.inch	Price/ bag	NN per place	NN of places	Number of bags	Total evaq. Vol. cu inch	cost, \$	Power Buoy Box volume, cu inch	safety factor	Note
2189K17	6x1.5	1425	\$1.58	2	9	18	25650	\$28.44	6264	4.09	2 bags per space
2189K17	6x1.5	1425	\$1.58	3	6	18	25650	\$28.44	6264	4.09	3 bags per space, but 3 spaced
2189K17	6x1.5	1425	\$1.58	3	9	27	38475	\$42.66	6264	6.14	ajuscent to wires are empty
2189K17	6x1.5	1425	\$1.58	4	9	36	51300	\$56.88	6264	8.19	3 bags per space
2189K17	6x1.5	1425	\$1.58			48	68400	\$75.84	6264	10.92	4 bags per space
2189K17	6x1.5	1425	\$1.58								3 places x 4 bags + 6 places x 6 bags

Legend:	
White filed:	constants and user input
Dark filed:	automatically calculated values
Yellow	Selected configuration
Note:	total effective volume of desiccant moisute absorption is calculated for number of bags installed of rated volume; and safety factor for Power Buoy battery box based on empty box volume

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Desiccant-Tray-Base		1
2	Desiccant-Bag-6x1.5-2189K17		16
3	Desiccant-Zip-Tie-0.187x0.060x10-1		2
4	Desiccant-Zip-Tie-0.187x0.060x10-2		4

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	INITIAL RELEASE rev 0	DATE 01/08/2016	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector	1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Klimov 01/08/2016
Shop Foreman	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				ENGINEER Klimov 01/15/2016
Engineer	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED
NEXT ASSY Description					PROJECT NO. 707976
Application	DO NOT SCALE DRAWING				PROJECT Power Buoy
		SIZE B	DWG. NO. XX	SCALE 1:2	REV.
		SHEET 1 OF 1			

X:\707976 EPBuoyPrototypeAndTesting\BoostController\BatteryPackaging