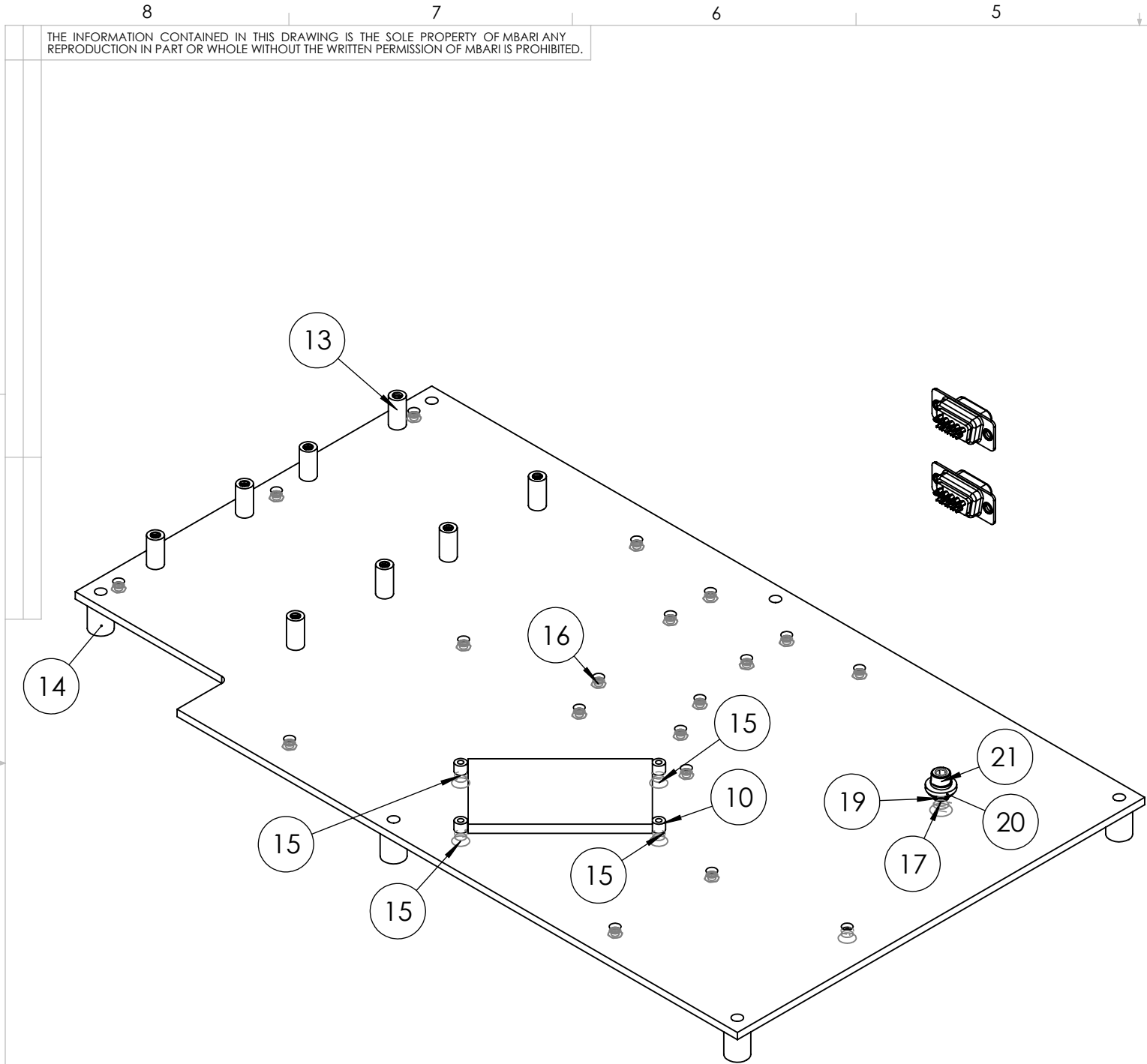




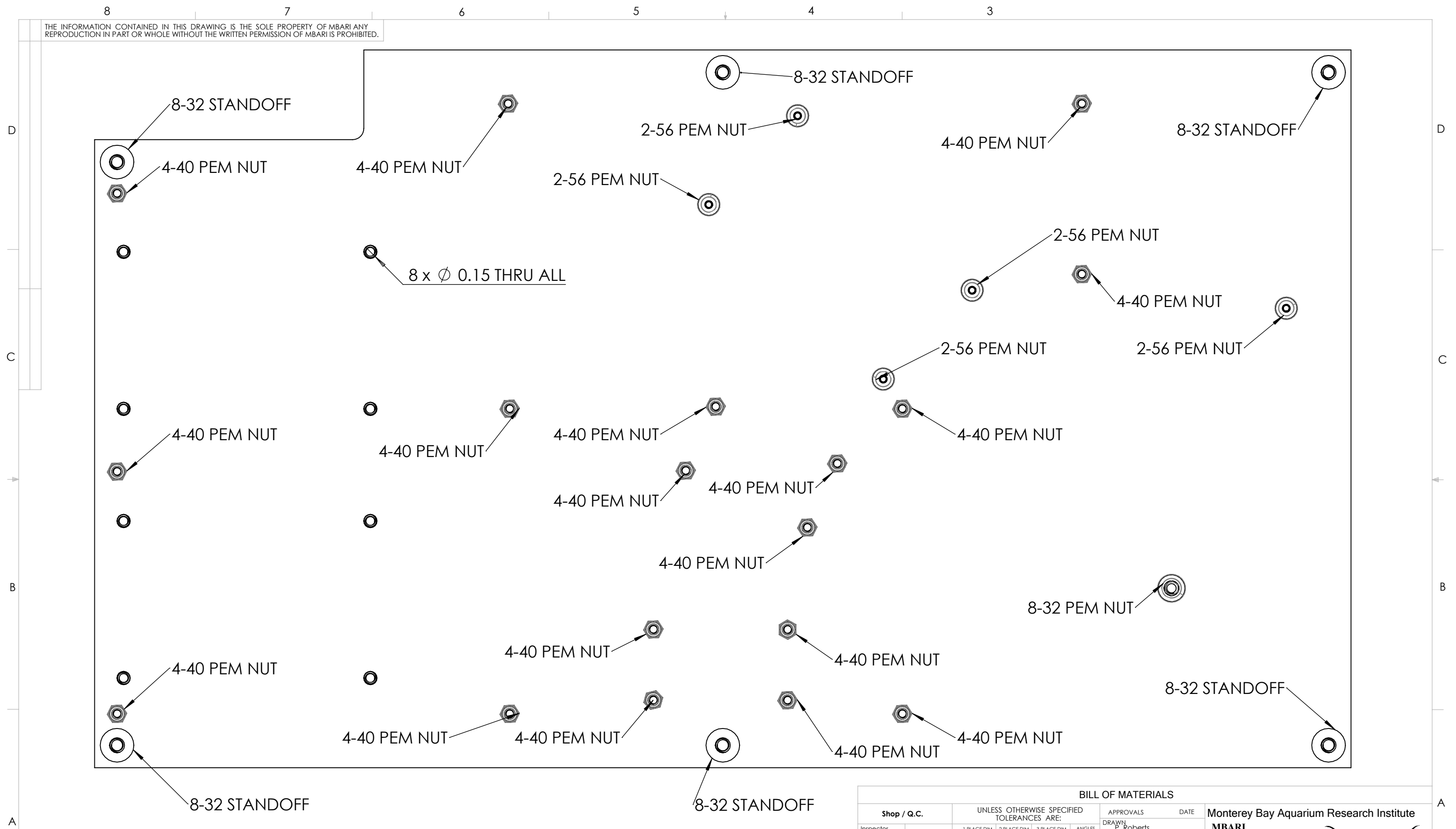
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	100221414-91-A-RackBoxFrame	Hammond RM3U rackbox frame	1
2	100221414-89-B-RackBoxFrontPanel	Rack box front panel	1
3	100221414-88-B-RackBoxRearPanel	Rack box rear panel	1
4	100221414-90-B-RackBoxMountPlate	Rack box internal mounting plate. B rev. has switch cutout.	1
5	Focal-914-hde_Transceiver	Focal fiber optic multiplexer	1
6	Cubo_CWDM	SEE ELECTRICAL DRAWING	1
7	ThorLabs_FiberOrganizer_FSR1	Stock fiber organizer	1
8	ECS25USXX	ECS25 series power supply	2
9	744-030-013-0A_Assy_Standalone-SFP_w_Heatsink_Rev01_20191223a	DSP&L media converter and heatsink kit	2
10	921510A005	#2x0.156_AlumUnthreadedSpacer	4
11	BulkheadFiberUnion	SEE ELECTRICAL DRAWING	1
12	DB9_Female_c-5-747905-5-y-3d	Sony camera part	2
13	93330A445	#6-32X0.50 Aluminum Threaded Standoff	8
14	91125A352	#8-32X0.50_18-8SST_ThreatedStandoff	6
15	96439A080	#2-56 PEM Nut 18-8 SST	5
16	94674A490	#4-40_18-8_PEM_FlushNut	18
17	96439A340	#8-32_18-8_PEM_Nut	1
18	100221414-47-D_ThermalPad_4mmx40x65	Thermal pad cut from DigikeyPN_1168-2209-ND	1
19	90061A009	#8_NylonShoulderWasher	1
20	91950A046		1
21	92146A545	#8 Split Lock Washer	1
22	92185A194	#8-32x0.500_316_SocketHeadCapScrew	1

FILE LOCATION:

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BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	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 P. Roberts			
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 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER P. ROBERTS			
Engineer						CHECKED P. ROBERTS			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 800139			
Application		DO NOT SCALE DRAWING				PROJECT EyeRIS		100221414-87-A-4KCameraRackBoxAssembly-PEM-Locations-And-BOM	REV.
						WEIGHT		SCALE	SHEET 1 OF 3

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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 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX. .012 INCHES FOR SINGLE SURFACE.				ENGINEER P. ROBERTS		7700 Sandholdt RD.	
Engineer						CHECKED P. ROBERTS		Moss Landing, CA 95039	
						PROJECT NO.	800139	PH: (831) 775-1700	
						PROJECT	EyeRIS		
NEXT ASSY Description	NEXT ASSY Number							100221414-87-A-	
								4K Camera Rack Box Assembly-PEM-	
								Locations-And-BOM	
Application		DO NOT SCALE DRAWING				WEIGHT			
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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 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.				ENGINEER P. ROBERTS			
Engineer						CHECKED P. ROBERTS			
						PROJECT NO. 800139			
NEXT ASSY Description	NEXT ASSY Number					PROJECT EyeRIS			
Application		DO NOT SCALE DRAWING				WEIGHT		100221414-87-A- 4K Camera Rack Box Assembly-PEM- Locations-And-BOM	
		3				2		SCALE	
								SHEET 3 OF 3	