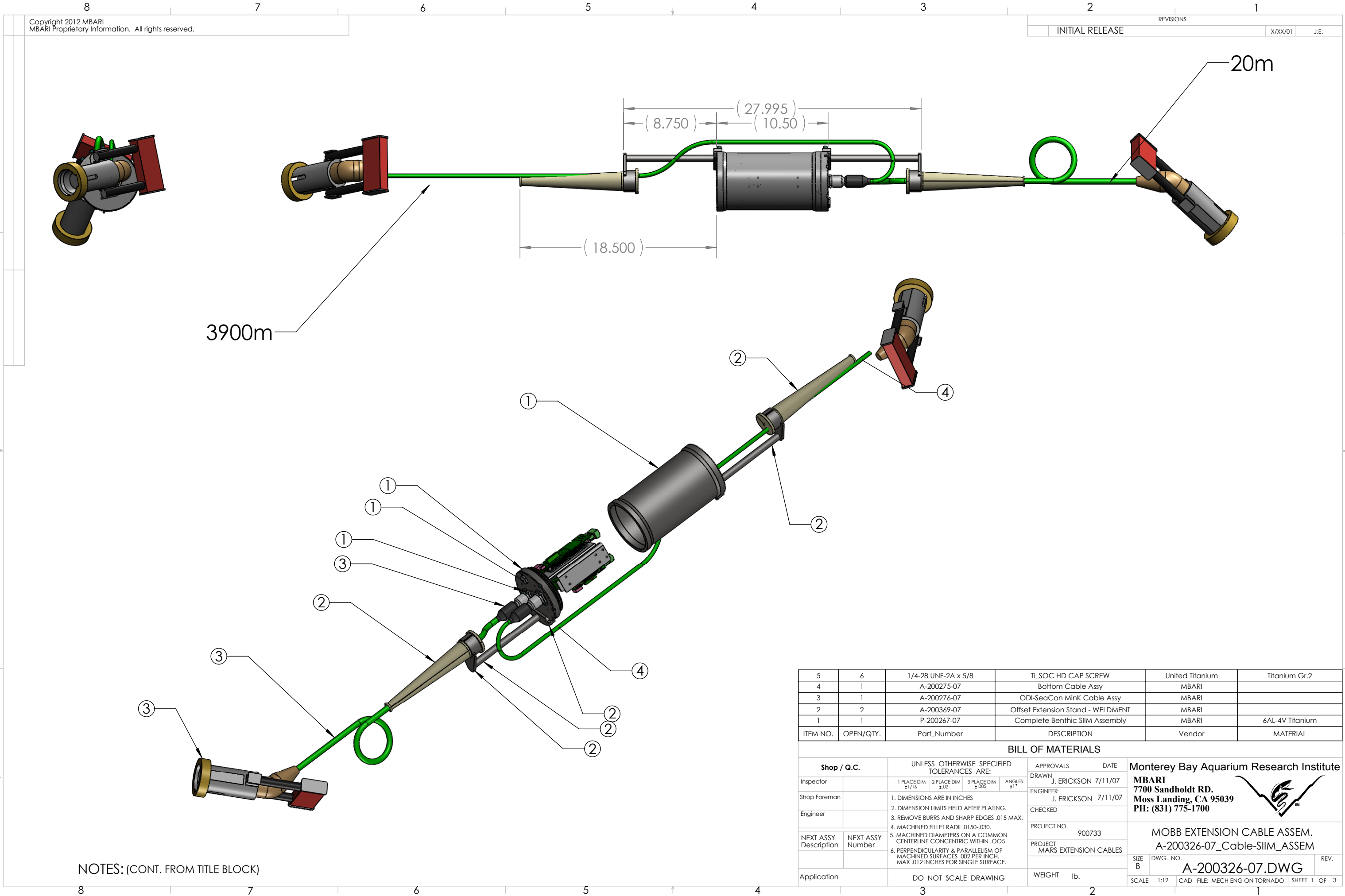




Copyright 2012 MBARI
MBARI Proprietary Information. All rights reserved.

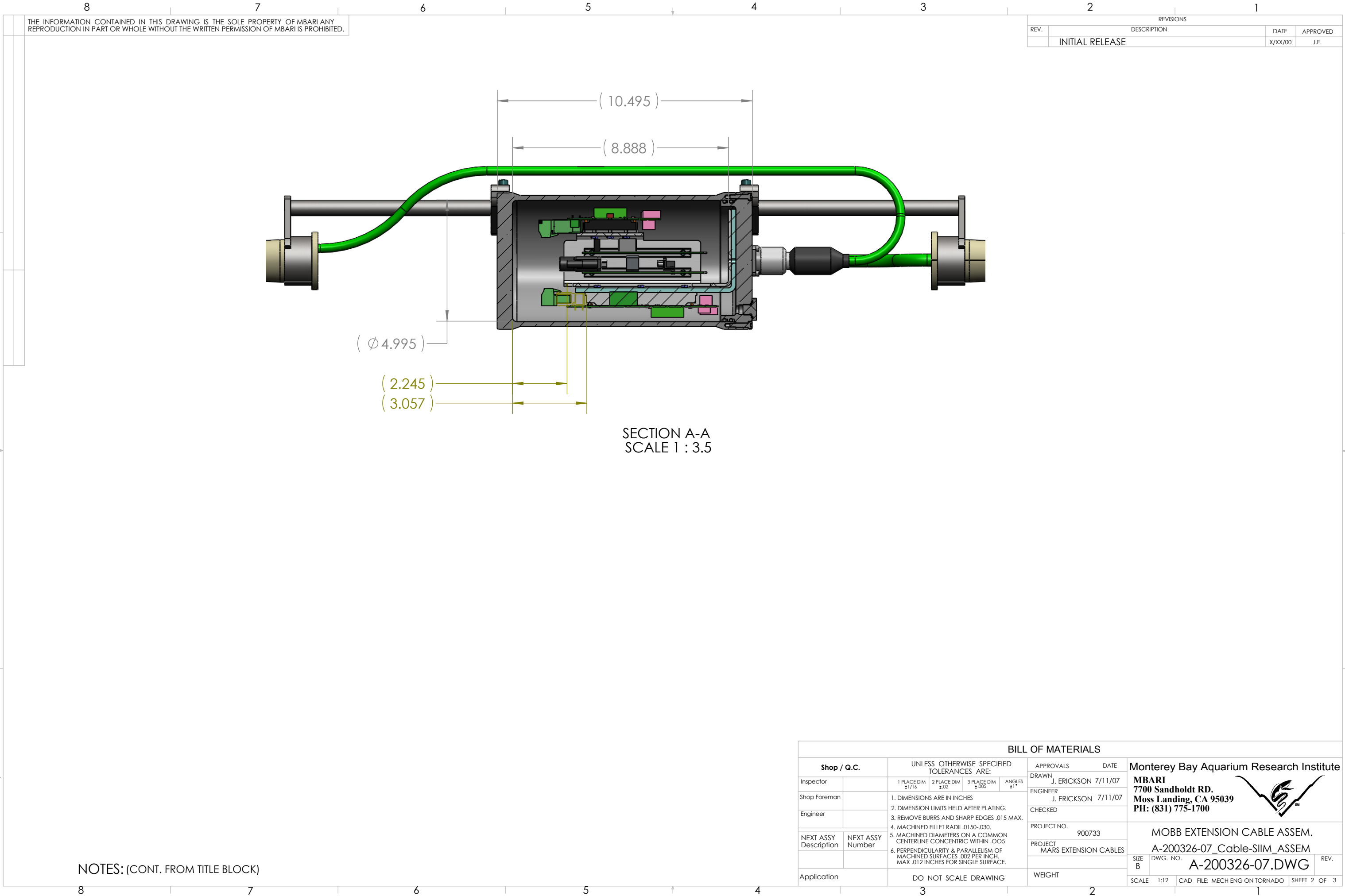
REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

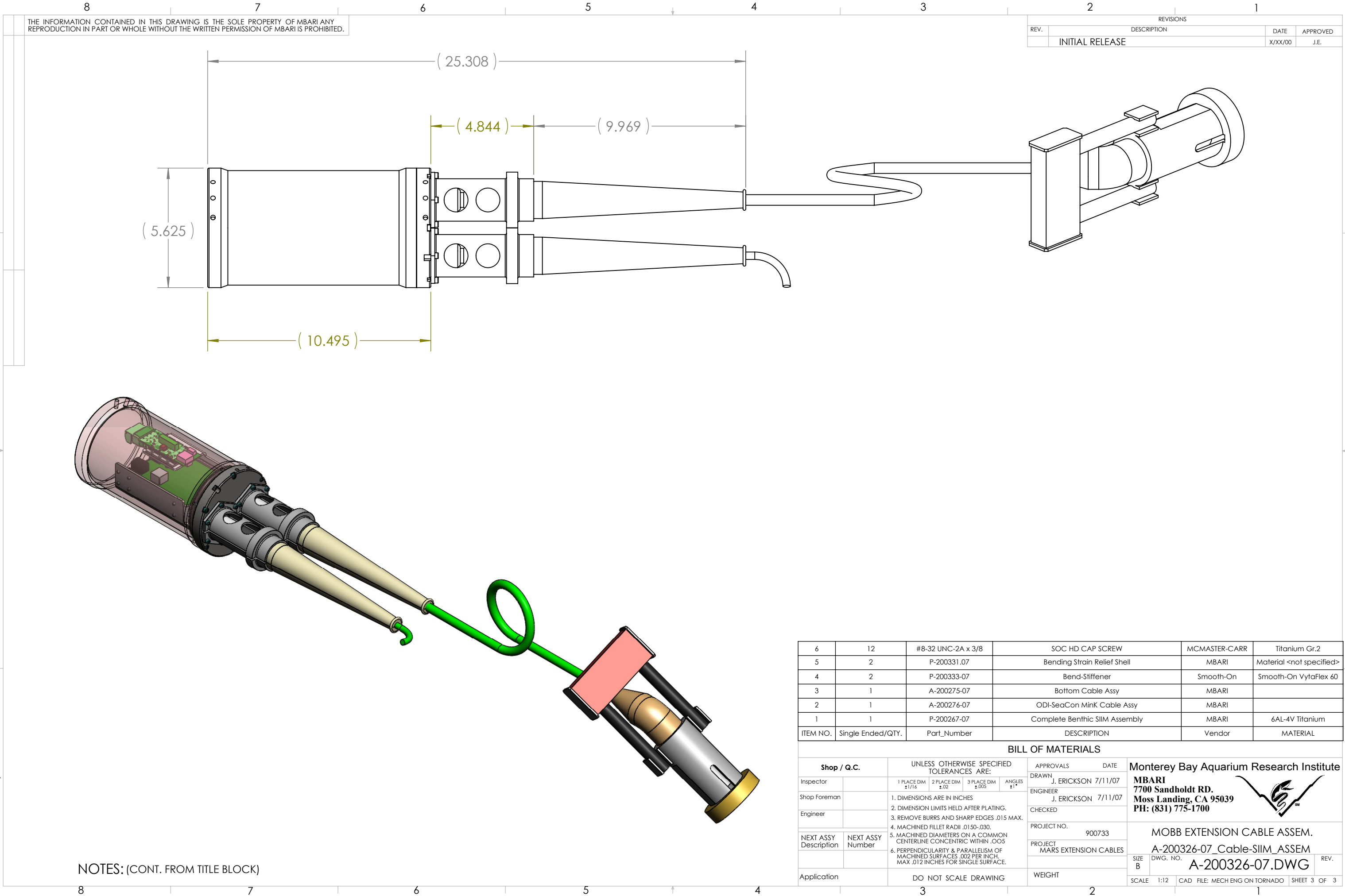
5	6	1/4-28 UNF-2A x 5/8	TL_SOC HD CAP SCREW	United Titanium	Titanium Gr.2
4	1	A-200275-07	Bottom Cable Assy	MBARI	
3	1	A-200276-07	ODI-SeaCon MinK Cable Assy	MBARI	
2	2	A-200369-07	Offset Extension Stand - WELDMENT	MBARI	
1	1	P-200267-07	Complete Benthic SIIM Assembly	MBARI	6AL-4V Titanium
ITEM NO.	OPEN/QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL

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  MOBB EXTENSION CABLE ASSEM. A-200326-07_Cable-SIIM_ASSEM		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN J. ERICKSON	7/11/07			
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER J. ERICKSON	7/11/07			
Engineer		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.		CHECKED				
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	900733	SIZE B	DWG. NO. A-200326-07.DWG	REV.
Application		DO NOT SCALE DRAWING		PROJECT MARS EXTENSION CABLES		WEIGHT lb.	SCALE 1:12	CAD FILE: MECH ENG ON TORNADO
							SHEET 1 OF 3	

NOTES: (CONT. FROM TITLE BLOCK)





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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

6	12	#8-32 UNC-2A x 3/8	SOC HD CAP SCREW	MCMaster-CARR	Titanium Gr.2
5	2	P-200331.07	Bending Strain Relief Shell	MBARI	Material <not specified>
4	2	P-200333-07	Bend-Stiffener	Smooth-On	Smooth-On VytaFlex 60
3	1	A-200275-07	Bottom Cable Assy	MBARI	
2	1	A-200276-07	ODI-SeaCon MinK Cable Assy	MBARI	
1	1	P-200267-07	Complete Benthic SIIM Assembly	MBARI	6AL-4V Titanium
ITEM NO.	Single Ended/QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL

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 MOBB EXTENSION CABLE ASSEM. A-200326-07 Cable-SIIM_ASSEM A-200326-07.DWG			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON	7/11/07				
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 J. ERICKSON	7/11/07				
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900733	SIZE B	DWG. NO.	REV.	
						PROJECT MARS EXTENSION CABLES					
Application		DO NOT SCALE DRAWING				WEIGHT					
								SCALE 1:12	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3	

NOTES: (CONT. FROM TITLE BLOCK)