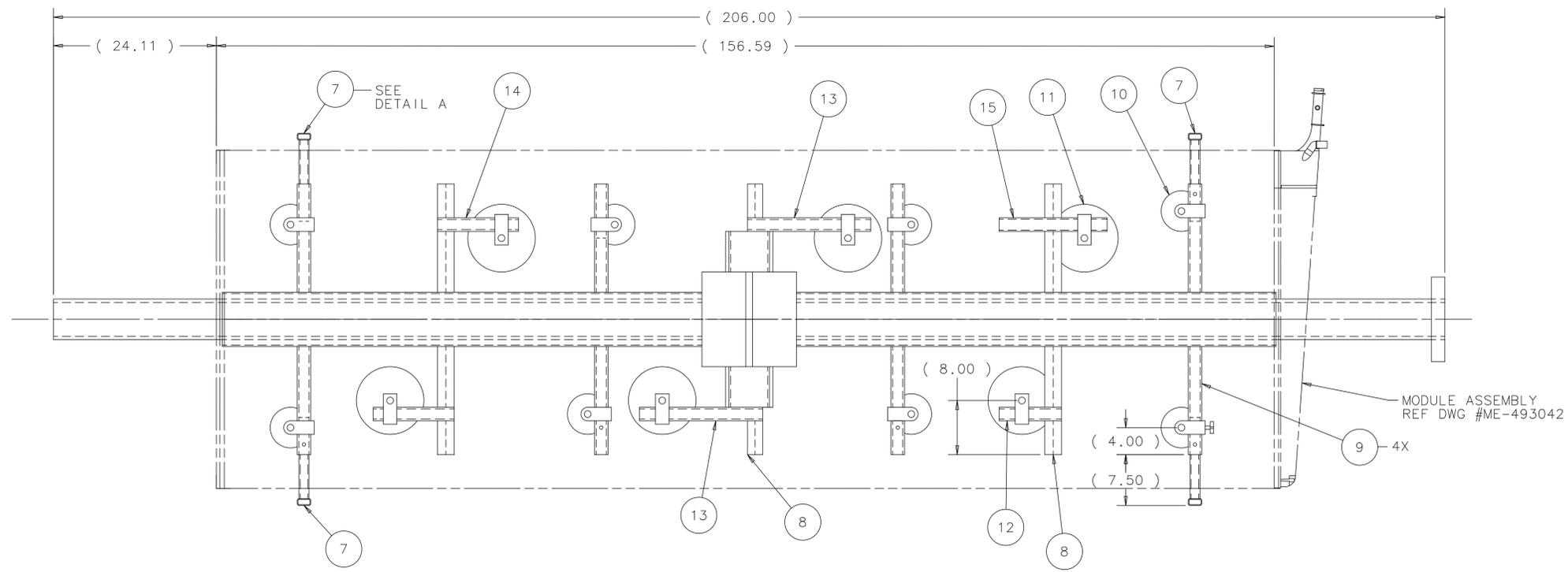


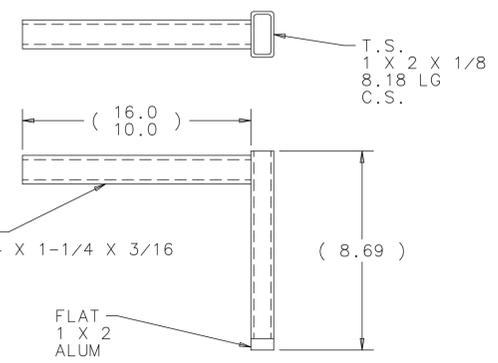
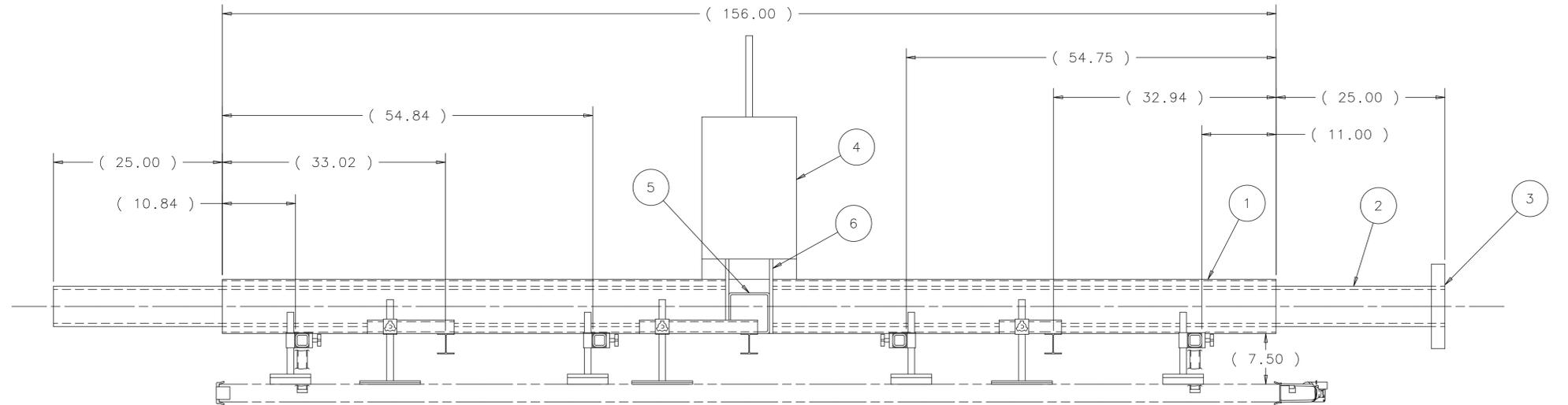
REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE



MODULE ASSEMBLY
REF DWG #ME-493042

NOTES:

- THIS LIFTING FIXTURE WAS ORIGINALLY DESIGNED AND BUILT BY ARGONNE NATIONAL LAB (ANL).



DETAIL A
ITEM #7
SCALE: 1/4

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
15	ANL	TUBE, 2 X 2 X 1/4, 16.00 LG C.S.	1
14	ANL	TUBE, 2 X 2 X 1/4, 12.00 LG C.S.	2
13	ANL	TUBE, 2 X 2 X 1/4, 18.25 LG C.S.	2
12	ANL	TUBE, 2 X 2 X 1/4, 9.25 LG C.S.	1
11	ANL	VACUUM PAD W/CLAMP FOR 2" SQ TUBE 9" O.D., ANVER CAT # SSR-90	6
10	ANL	VACUUM PAD W/CLAMP FOR 2" SQ TUBE 6" O.D.	8
9	ANL	TUBE, 2 X 2 X 1/4, 40.00 LG C.S.	4
8	ANL	S BEAM, S3 X 5.7 40.00 LG, C.S.	3
7	ANL	CENTERING STOPS ASSEMBLY SEE DETAIL A	4
6	ANL	STIFFENING PLATE C.S.	4
5	ANL	TUBE, 6 X 6 X 1/4, 9.00 LG C.S.	2
4	ANL	VACUUM PUMP PACKAGE SYSTEM ANVER VAC-PACK CAT #VPE3-X	1
3	ANL	SPUR GEAR, 12.25 OD, 48 TEETH SPOKED W/HUB, C.S.	1
2	ANL	TUBE, 6 O.D. X .50 WALL, 206.00 LG C.S.	1
1	ANL	TUBE, 8 X 8 X 3/16, 156.00 LG C.S.	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	D. PUSHKA	13-MAR-2013
.XX	.XXX	ANGLES	D. FRIEND
± .06	± ---	± 1°	CHECKED
			J. RAUCH
			14-MAR-2013
1. BREAK ALL SHARP EDGES .015 MAX.	APPROVED	D. PUSHKA	14-MAR-2013
2. DO NOT SCALE DRAWING.	USED ON	MD-493527	
3. DIMENSIONS BASED UPON ASME Y14.5M-1994	MATERIAL	SEE PARTS LIST ABOVE	
4. MAX. ALL MACH. SURFACES 125/			
5. DRAWING UNITS: U.S. INCH			

NOTICE: IMAGE OBTAINED FROM FERMILAB Computer Aided Design Group.
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FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NOVA-NEAR_DETECTOR
NEAR DETECTOR BLOCK ASSEMBLY
MODULE LIFTING FIXTURE ASSEMBLY

SCALE	DRAWING NUMBER	SHEET	REV
3/32 & NOTED	3929.330-MD-493448	1 OF 1	
CREATED WITH: Ideas12NXSeries		GROUP: PPD/MECHANICAL DEPARTMENT	