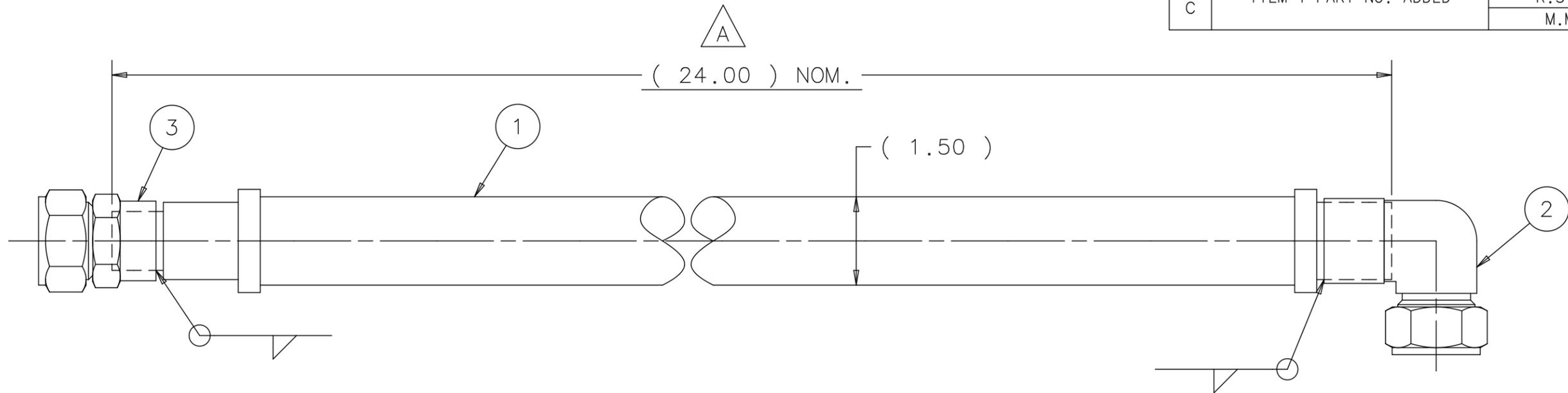


REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE
A	24.00 HOSE LENGTH WAS 22.00	R.STEWART	27-SEP-2012
B	NOTE CHANGED	M.MCGEE	27-SEP-2012
		R.STEWART	07-FEB-2013
C	ITEM 1 PART NO. ADDED	M.MCGEE	07-FEB-2013
		R.STEWART	09-SEP-2013
		M.MCGEE	09-SEP-2013



△ C

3	SWAGELOK	TUBE FITTING, MALE CONNECTOR 1" X 1" WELD 316L SS P/N SS-1610-6-16W	1
2	SWAGELOK	1" 90° ELBOW 316L SS P/N SS-1610-9-16W	1
1	SWAGELOK	1" NOM HOSE-FJ SERIES METAL HOSE P/N SS-FJ16TB16TB16-24	1
ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.

PARTS LIST				
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	M.MCGEE	22-MAR-2012
.XX	.XXX	ANGLES	DRAWN	R.STEWART
± .02	± .005	± .5°	CHECKED	M.MCGEE
1. BREAK ALL SHARP EDGES .015 MAX.		APPROVED	M.MCGEE	22-AUG-2012
2. DO NOT SCALE DRAWING.		USED ON		
3. DIMENSIONS BASED UPON ASME Y14.5M-1994		ME-433843		
4. MAX. ALL MACH. SURFACES 63		MATERIAL		
5. DRAWING UNITS: U.S. INCH		SEE PARTS LIST ABOVE		

- NOTES: 1. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATION PRESENT IN ASME B31.3 PROCESS PIPING
2. STANDARD WELDING PROCEDURE AWS B2.1-8-212 SHALL BE FOLLOWED TO PERFORM ALL THE WELDS
3. A WELDER QUALIFIED TO PERFORM WELDS PER THE ABOVE PROCEDURES AND SPECIFICATIONS SHALL BE EMPLOYED TO PERFORM ALL THE WELDS
4. 1/16" EXPANSION GAP SHALL BE LEFT BETWEEN ALL FILLET WELDS
5. ALL THE BUTT WELDS SHALL BE FULL PENETRATION
6. WELDMENT TO BE INITIALLY LEAK TESTED TO 5 Psig
7. ALL WELDS SHALL BE LEAK TIGHT TO 105 Psig (OR 150% OF SYSTEM MAWP) FOR A DURATION OF TWO HOURS

△ B

 FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
NOVA-ANU TARGET HALL MEDIUM ENERGY TARGET DS RETURN HOSE WELDMENT			
SCALE	DRAWING NUMBER	SHEET	REV
1:2	8875.112-MB-433888	1 OF 1	C
CREATED WITH : Ideas12NXSeries		GROUP: ACCELERATOR MECH. SUPPT.	