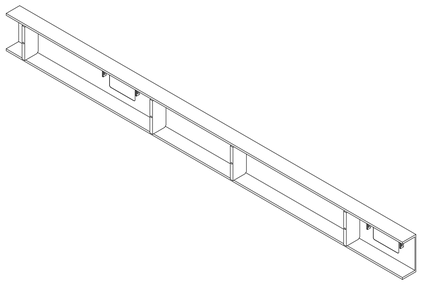
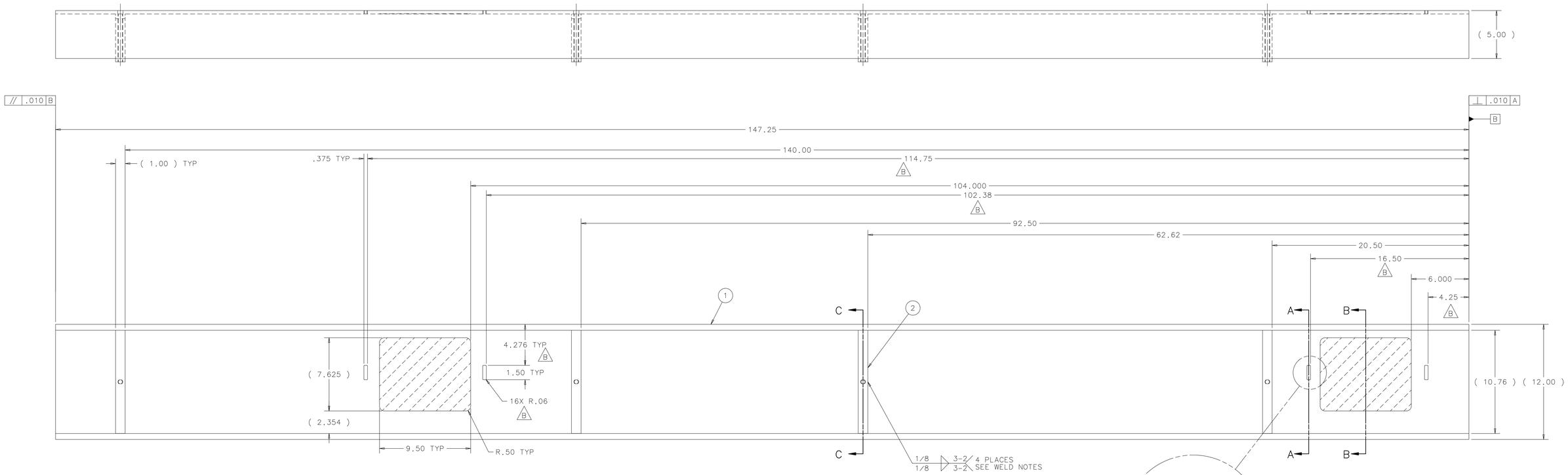
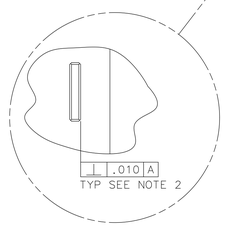
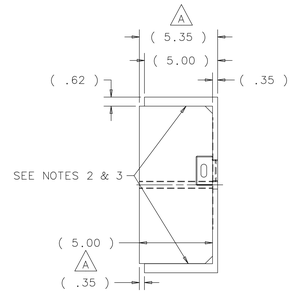
REV	DESCRIPTION	DRAWN / APPROVED	DATE
A	ITEM 2 UPDATED, SECTION C-C ADDED, AND ø.56 THRU HOLE ADDED	R.STEWART	02-FEB-2012
		M.MCGEE	22-FEB-2012
B	ITEM 3 UPDATED, DETAIL VIEW A, NOTE ADDED, AND SLOTS FOR ITEM 3 REDIMENSIONED	R.STEWART	29-MAR-2012
		M.MCGEE	29-MAR-2012



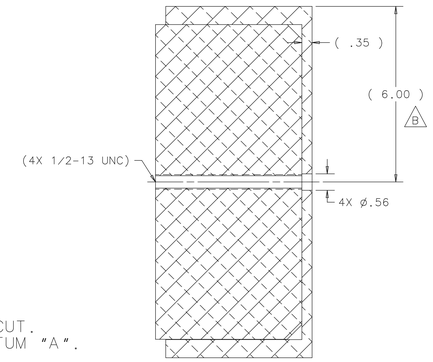




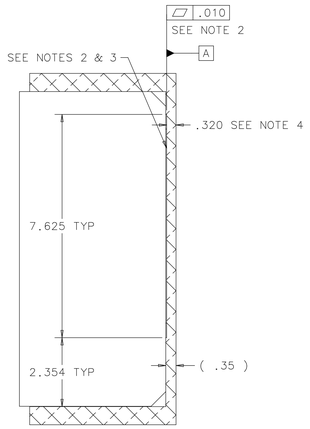
DETAIL VIEW A
SCALE 1:2



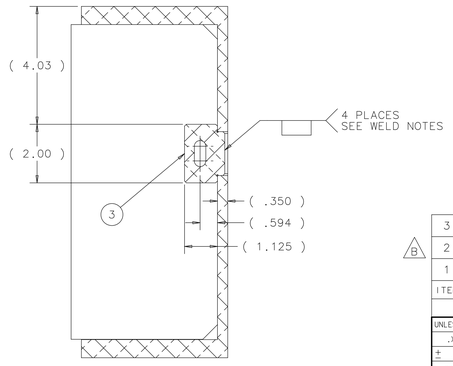
RIGHT VIEW
SCALE 1:4



SECTION C-C
SCALE 1:2



SECTION B-B
SCALE 1:2



SECTION A-A
ITEM 3 WELD
TYPICAL 4 PLACES
SCALE 1:2

WELD NOTES: 1. ALL WELDS TO BE PERFORMED BY FERMILAB.

2. USE WELDING ROD ER4043 FOR ALL WELDS.

NOTES: 1. ALL MACHINING TO BE DONE BEFORE WELDING, EXCEPT FOR SECTION C-C.

2. ONLY SHADED AREA TO BE MACHINED TO .320" DIMENSION WITH CLEAN UP CUT. FLATNESS APPLIES ONLY IN SHADE AREA. THIS SURFACE TO BE SET AS DATUM "A". THE REST OF INSIDE SURFACES TO BE LEFT UNMACHINED.

3. ONLY INSIDE OF CHANNEL WEB (SHADED AREA)CAN BE MACHINED.

4. DIMENSIONS AND GD&T IN SECTION B-B TO BE TAKEN FROM AND APPLIED FROM MACHINED (SHADED AREA) SURFACE (DATUM "A").

5. MINIMUM CLEAN UP CUT PERMISSIBLE ON TOP AND BOTTOM OF CHANNEL FOR MACHINING PURPOSES

B 6. ITEM 3 (FRAME HANGER CHANNEL TAB) REMOVED FROM TOP AND FRONT VIEW FOR CLARITY. SEE DETAIL VIEW A AND SECTION A-A.

7. WEIGHT 75 LBS.

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
3	MB-433817	FRAME HANGER CHANNEL TAB	4
B 2	MB-433816	CHANNEL GUSSET	4
1		12.00" X .350" X 5.00" 6061-T6 EXTRUDED - ALUMINUM ASSOC. ALUMINUM CHANNEL	

PARTS LIST

UNLESS OTHERWISE SPECIFIED .XX .XXX ANGLES ± .01 ± .005 ± .5°	ORIGINATOR	M.MCGEE	06-OCT-2011
	DRAWN	R.STEWART	06-OCT-2011
	CHECKED	D.SCHMITT	03-JAN-2012
1. BREAK ALL SHARP EDGES .015 MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994. 4. MAX. ALL MACH. SURFACES 63 √ 5. DRAWING UNITS: U.S.INCH	APPROVED	M.MCGEE	03-JAN-2012
	USED ON	ME-433820	
	MATERIAL	SEE PARTS LIST ABOVE	

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NOVA-ANU TARGET HALL
MEDIUM ENERGY TARGET
WELDED RIGHT CHANNEL

SCALE	DRAWING NUMBER	SHEET	REV
1:4	8875.112-ME-433818	1 OF 1	B

CREATED WITH : Ideas12NXSeries GROUP: ACCELERATOR MECH. SUPPT.