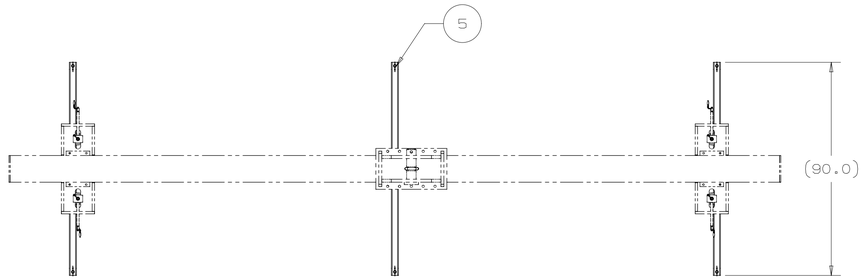
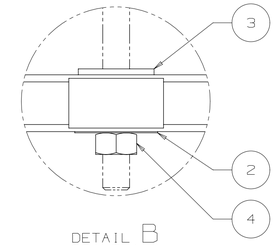
DESCRIPTION: ASSEMBLY, UPPER TRUSS - LCLS-II TRANSPORT CAGE
CATEGORY: ASSEMBLY PROJECT: LCLSIICryomodule

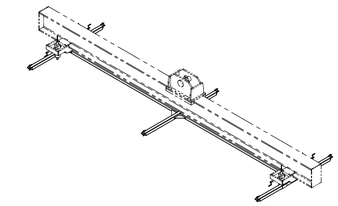
REV	REVISION CONTROL DOCUMENT	DATES	SIGNATURES	
-	F10039213---RCD		DRAWN	
			APPROVED	

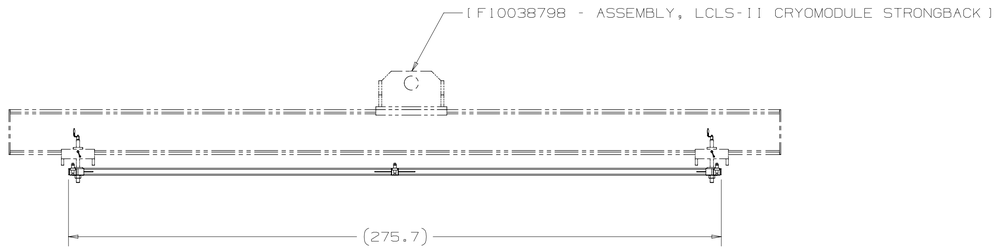
PRELIMINARY
NOT FOR PRODUCTION
OR PURCHASING PURPOSES
UNCONTROLLED COPY
LAST SAVED 10JUN15

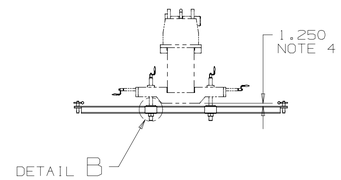




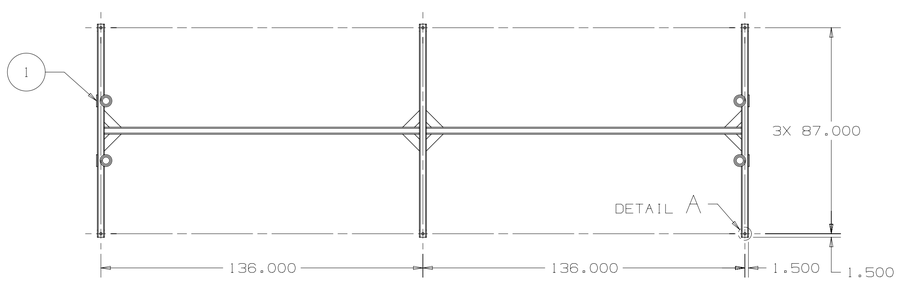
DETAIL B
SCALE 1:4
4 PLACES

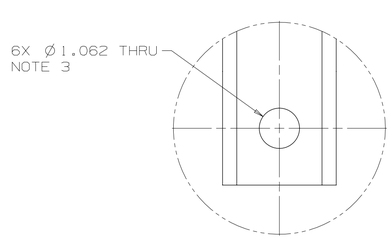






HOLE PATTERN PREPERATION





DETAIL A
SCALE 1:2
6 PLACES

ITEM	PART NUMBER	DESCRIPTION	QTY.
5	FC0051726	PIN, QUICK RELEASE - 1" PIN DIA, 2" USEABLE LENGTH, 18-8 SS	6
4	FC0015003	NUT_HEX,M36x3x29,C8S,Z	4
3	F10040018	INSERT, STRONGBACK PROTECTION - LCLS-II UPPER TRUSS ASSEMBLY	4
2	F10039590	WASHER, EYELET - LCLS-II UPPER TRUSS ASSEMBLY	4
1	F10039189	WELDMENT, UPPER TRUSS - LCLS-II TRANSPORT CAGE	1

PARTS LIST

NOTES (UNLESS OTHERWISE SPECIFIED):

1. ASSEMBLY MUST BE FREE OF DIRT, GREASE, OIL, CHIPS, AND BURRS.
2. DIMENSIONS WITH TRAILING ZEROES DENOTE TOLERANCE.
3. HOLES NEED TO BE DRILLED BEFORE ITEM 5 CAN BE INSERTED INTO ITEM 1.
4. DO NOT LET ASSEMBLY ANY CLOSER TO STRONGBACK THAN TO DIMENSION SHOWN.

UNLESS OTHERWISE SPECIFIED				
±.X	±.XX	±.XXX	±X/X	±X°
.1	.02	.005	1/16	1°

BREAK ALL SHARP EDGES .015 MAX.
DO NOT SCALE DRAWING
DIMENSIONS BASED ON ASME Y14.5-2009
MAX. ALL MACH SURFACES 125
DRAWING UNITS: INCHES

DRAWN	M.SAWTELL	DATE	
CHECKED		DATE	
APPROVED		DATE	
USED ON	F10039188		
MATERIAL	SEE PARTS LIST		
GROUP: Accelerator Mechanical Support		CAGE CODE: 0U5R6	

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NAME: ASSEMBLY, UPPER TRUSS - LCLS-II TRANSPORT CAGE

SCALE	SIZE	DRAWING NUMBER	SHEET	REV
1:32 AS SHOWN	D	F10039213	1 OF 1	-