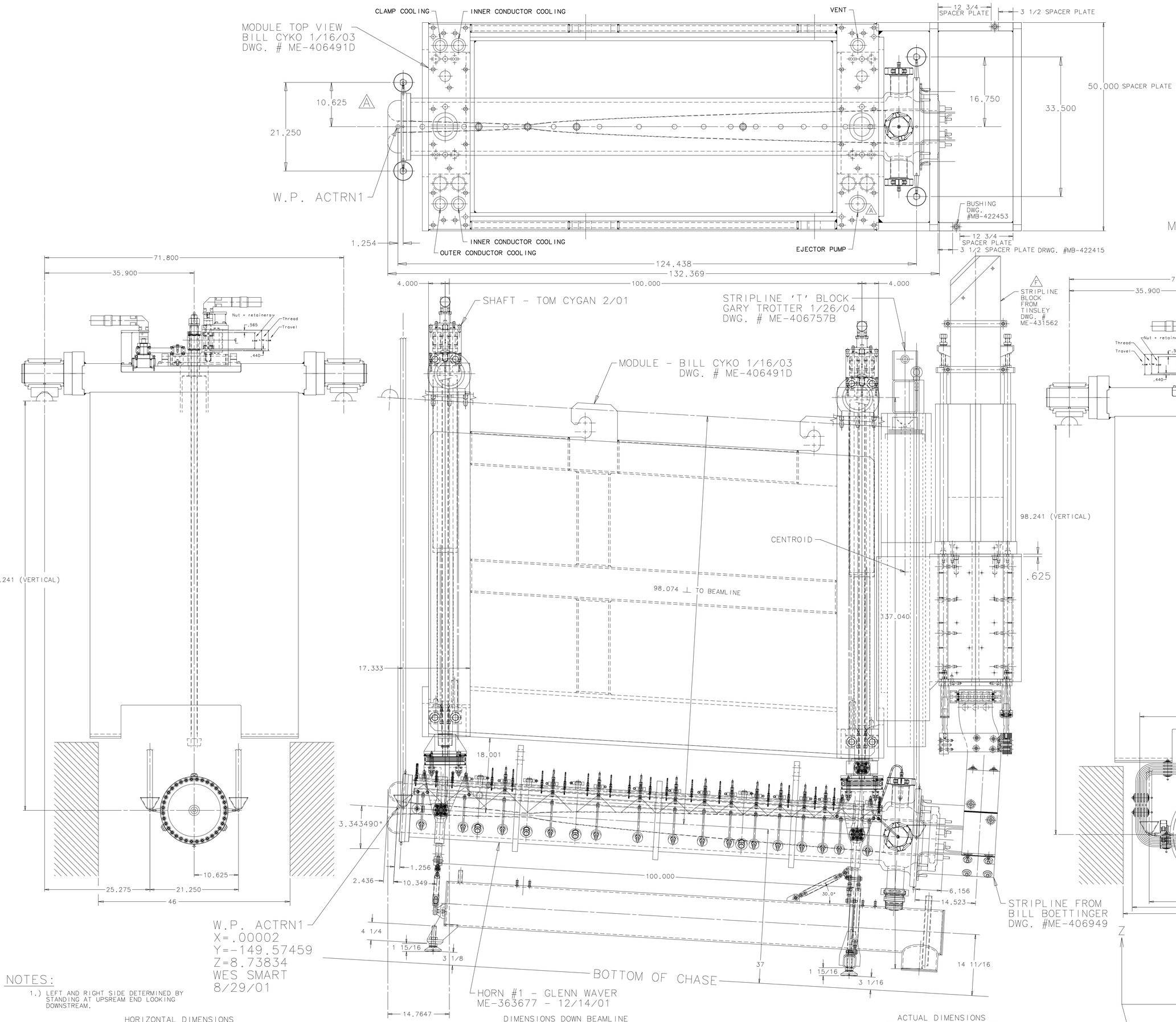
REV	DESCRIPTION	DRAWN / APPROVED	DATE
A	REPLACED TOP VIEW WITH VIEW FROM ME-406239	G.WAVER	1/4/02
		K.ANDERSON	1/4/02
B	UPDATED STRIPLINE	G.WAVER	12/19/02
		K.ANDERSON	12/19/02
C	ADDED TOOLING BALL FUNNELS	G.WAVER	2/19/03
		K.ANDERSON	2/19/03
D	10.625 DIM. WAS 10.000	G.WAVER	3/5/03
		K.ANDERSON	3/5/03
E	REPLACED TOP VIEW WITH VIEW FROM ME-406491D; UPDATED WATER TANK	G.WAVER	9/5/03
		K.ANDERSON	9/5/03
F	UPDATED STRIPLINE BLOCK	G.WAVER	5/5/09
		K.ANDERSON	5/6/09



MODULE - LAYER 125
HORN #1 - LAYER 126
SHAFT - LAYER 127
MODULE CLAMP - LAYER 128

W.P. ACTRN1
X=.00002
Y=-149.57459
Z=8.73834
WES SMART
8/29/01

NOTES:

1.) LEFT AND RIGHT SIDE DETERMINED BY STANDING AT UPSREAM END LOOKING DOWNSTREAM.

HORIZONTAL DIMENSIONS FROM ACTRN1 AND ACTRN2

	HORN #1						HORN #2					
	ACTRN1	US. LH.	US. RH.	DS. LH.	DS. RH.		ACTRN2	US. LH.	US. RH.	DS. LH.	DS. RH.
X	.00002	-10.625	10.625	-16.750	16.750	X	.00002	-18.725	18.725	-19.500	19.500
Y	-149.57459	1.254	1.254	124.438	124.438	Y	-116.92034	1.496	1.496	134.265	134.265
Z	8.73834	0.000	0.000	0.000	0.000	Z	6.83063	0.000	0.000	0.000	0.000

DIMENSIONS DOWN BEAMLINE FROM ACTRN1 AND ACTRN2

	HORN #1						HORN #2					
	ACTRN1	US. LH.	US. RH.	DS. LH.	DS. RH.		ACTRN2	US. LH.	US. RH.	DS. LH.	DS. RH.
X	.00002	-10.625	10.625	-16.750	16.750	X	.00002	-18.725	18.725	-19.500	19.500
Y	-149.57459	1.256	1.256	124.650	124.650	Y	-116.92034	1.498	1.498	134.494	134.494
Z	8.73834	-.073	-.073	-7.270	-7.270	Z	6.83063	-.087	-.087	-7.843	-7.843

ACTUAL DIMENSIONS FROM ACTRN1 AND ACTRN2

	HORN #1						HORN #2					
	ACTRN1	US. LH.	US. RH.	DS. LH.	DS. RH.		ACTRN2	US. LH.	US. RH.	DS. LH.	DS. RH.
X	.00002	-10.625	10.625	-16.750	16.750	X	.00002	-18.725	18.725	-19.500	19.500
Y	-149.57459	1.254	1.254	124.438	124.438	Y	-116.92034	1.496	1.496	134.265	134.265
Z	8.73834	-.073	-.073	-7.270	-7.270	Z	6.83063	-.087	-.087	-7.843	-7.843

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	K.ANDERSON	14-DEC-2001
	DRAWN	G.WAVER	14-DEC-2001
± ± ±	CHECKED	K.ANDERSON	14-DEC-2001
1. BREAK ALL SHARP EDGES MAX. 2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES 5. DRAWING UNITS:U.S.INCH	APPROVED	K.ANDERSON	14-DEC-2001
	USED ON		
	MATERIAL		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

NUMI HORN #1
INTEGRATION DRAWING

SCALE	DRAWING NUMBER	SHEET	REV
1/8	8875.000-ME-363029	1 OF 1	F

CREATED WITH : Ideas12NXSeries | GROUP: ACCELERATOR MECH. SUPPT.