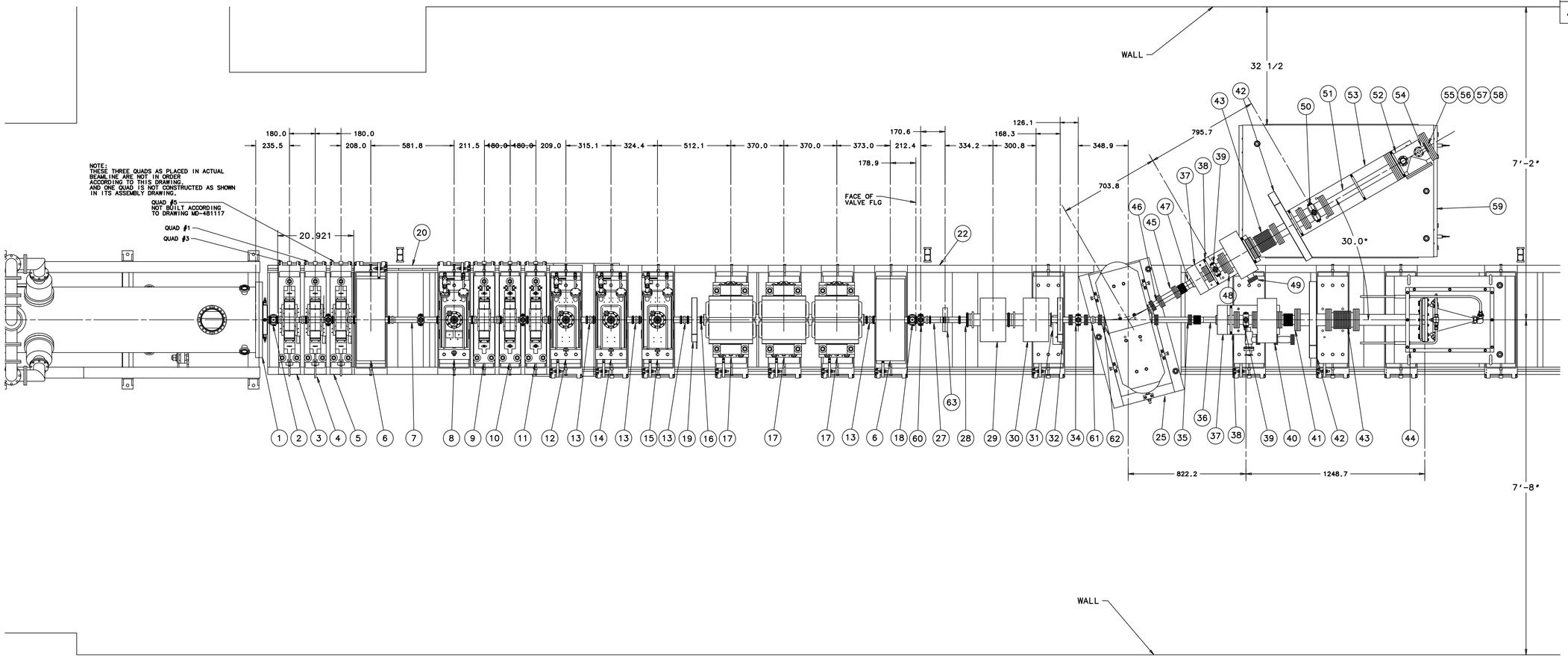
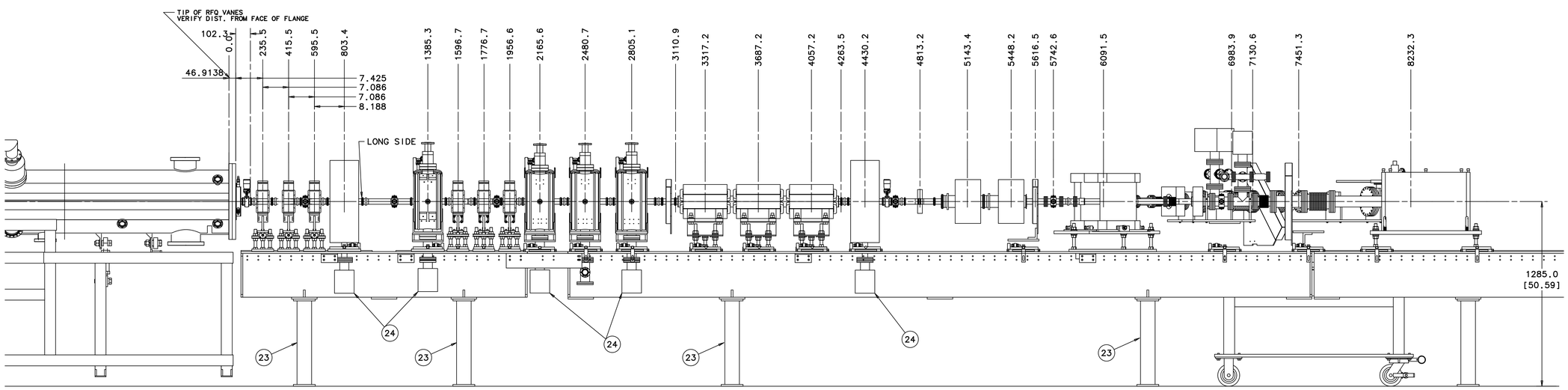
REV	DESCRIPTION	DRAWN / APPROVED	DATE / DATE
A	GENERAL REVISION	BDP	19-AUG-2011





ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
63	DRAWING UNKNOWN	TOROID	
62	MC-483204	SPECTROMETER ASSEMBLY	1
61	MB-483192	SPOOL FLANGED BELLOWS 2 3/4CF	1
60	MB-483223	SPOOL BPM BELLOWS KF40	1
59	MD-481902	HINS SNS DUMP TABLE	1
58	MDC #701002 OR EQUAL	CLAMP HINGED KF40	1
57	MDC #710002 OR EQUAL	CENTERING RING KF40	1
56	MDC #712002 OR EQUAL	FLANGE BLANK KF40	1
55	MDC #730003 OR EQUAL	ADAPTER CF2 3/4 - KF40	1
54	VARIAN #9515027 OR EQUAL	ALL METAL ANGLE VALVE	1
53	MD-459375	ABSORBER SUPPORT	1
52	DRAWING UNKNOWN	ABSORBER	1
51	MB-481845	SPOOL ABSORBER CF 6" CF 8"	1
50	MB-481844	SPOOL BPM 4" CF 6" ASSEMBLY	1
49	MC-481842	SPOOL INSTRUMENTATION	1
48	MDC #150017 OR EQUAL	FLANGE ZLR CF 4 1/2 - CF 6"	1
47	MB-481841	SPOOL BELLOWS-BREAK X 10 LG	1
46	MDC #402012 OR EQUAL	REDUCER CF 3 3/8 - 2 3/4	1
45	MB-483319	NIPPLE CF 3 3/3 5LG	1
44	MC-481887	SNS BEAM DUMP 3MEV ASSEMBLY	1
43	MDC #400007 OR EQUAL	BELLOWS ASSEMBLY CF 6	2
42	ME-354014	WIRE SCANNER 3 - 3 1/4" TUBE	2
41	MB-481835	SPOOL BELLOWS CF 4 1/2 - CF 6	1
40	MC-481834	SPOOL PUMPOUT/INSTRUMENTATION	1
39	MB-481833	SPOOL BPM 2 1/2"	2
38	MD-459376	TOROID SUPPORT	2
37	DRAWING UNKNOWN	TOROID	2
36	MB-481831	SPOOL BELLOWS-BREAK X 12 LG	1
35	MB-481830	SPOOL CF2 3/4 X 9 1/4 LG	1
34	MB-48	SPOOL BPM CF 2 3/4 ASSY	1
33			1
32	ME-300032	WIRE SCANNER W/ CF 2 3/4	1
31	DRAWING UNKNOWN	ADAPTER?	1
30	DRAWING UNKNOWN	SLITS	1
29	DRAWING UNKNOWN	FAST FARADY CUP	1
28	DRAWING UNKNOWN	REDUCER NIPPLE- NW80 TO NW40	1
27	DRAWING UNKNOWN	SPOOL CERAMIC BREAK KF40	1
26	MC-48	SPECTROMETER	1
25	MC-482966	SPECTROMETER STAND AND MAGNET	1
24		50L/S ION PUMP	1
23	MD-458455	STAND AND ADJ GIRDER FEET	6
22	MD-441903	STAND AND ADJUSTER 3	1
21	MD-441902	STAND AND ADJUSTER 2	1
20	MD-441901	STAND AND ADJUSTER 1	1
19	ME-300032	WIRE SCANNER W/ KF40	1
18	VAT P/N 01232-KA06	GATE VALVE 1 1/2 I.D. KF 40 FLANGE	1
17	MC-460995	TRIM QUAD ASSEMBLY	3
16	MC-481084	TRIM QUAD SPOOL	1
15	ME-459194	RT CAVITY B0842	1
14	ME-459214	RT CAVITY B0804	1
13	MB-481093	KF40 FLANGED BELLOWS	4
12	ME-459218	RT CAVITY B0771	1
11	MD-481118	HINS QUAD 6 ASSEMBLY	1
10	MD-481117	HINS QUAD 5 ASSEMBLY	1
9	MD-481116	HINS QUAD 4 ASSEMBLY	1
8	ME-459592	RT CAVITY B0744	1
7	MB-481097	BUNCHER - CH1 SPOOL ASSEMBLY	1
6	J.P. ACCELERATOR WORKS JPAW-HINS-0001	BUNCHER CAVITY	1
5	MD-481115	HINS QUAD 3 ASSEMBLY	1
4	MD-481114	HINS QUAD 2 ASSEMBLY	1
3	MD-481113	HINS QUAD 1 ASSEMBLY	1
2	VAT P/N 01032-KE44	GATE VALVE 1 1/2 I.D. KF 40 FLANGE	1
1	MD-460963	RFQ FLANGE/TOROID HOUSING ASSEMBLY	1

PARTS LIST

03-10-11
UPDATED WITH DIAGNOSTICS LINES
REVISED DIMS. FROM VANES TO DOWNSTREAM EQUIPMENT.

NOTE:
ALL CONFLAT/KWIK FLANGE
HARDWARE, SEALS, CLAMPS ETC.
BY HINS VACUUM TECHNICIANS

UPDATED 19-AUG-2011

UNLESS OTHERWISE SPECIFIED	ORIGINATOR	B.POPPER	28-APR-2009
	DRAWN	B.POPPER	28-APR-2009
± ± ±	CHECKED	R.WEBBER	02-NOV-2010
1. BREAK ALL SHARP EDGES MAX	APPROVED	R.WEBBER	02-NOV-2010
2. DO NOT SCALE DRAWING. 3. DIMENSIONS BASED UPON ASME Y14.5M-1994 4. MAX. ALL MACH. SURFACES	USED ON		
5. DRAWING UNITS: U.S. INCH	MATERIAL		

FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY

HINS - INFRASTRUCTURE INSTALLATION
RT 6 CAVITY TEST VACUUM SYSTEM

SCALE	DRAWING NUMBER	SHEET	REV
1/16	5520.000-ME-481977	1 OF 1	A

CREATED WITH : Ideas12NXSeries GROUP: ACCELERATOR MECH. SUPPT.