

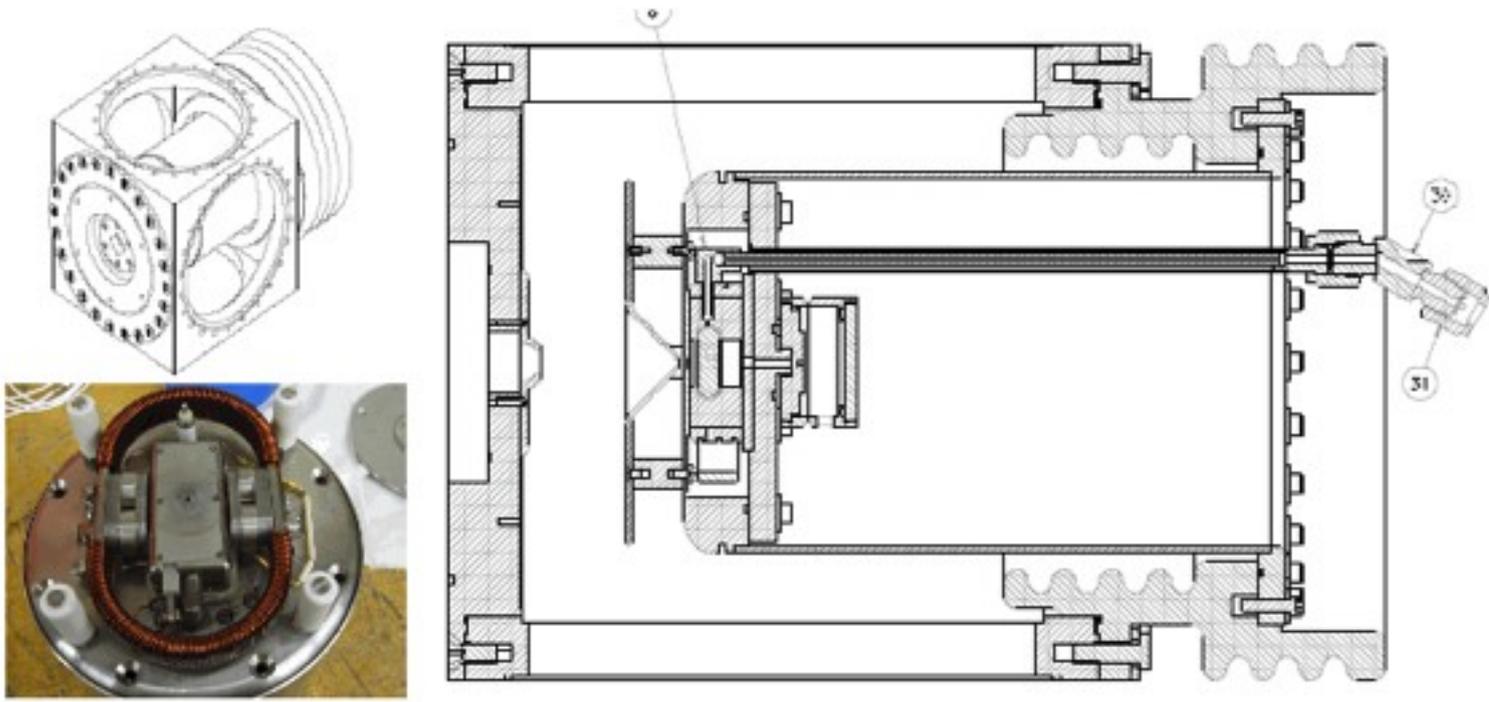
Pre-injector Upgrade Updates (02 Mar 2011 – 16 Mar 2011)

C.Y. Tan
16 Mar 2011

Reminders

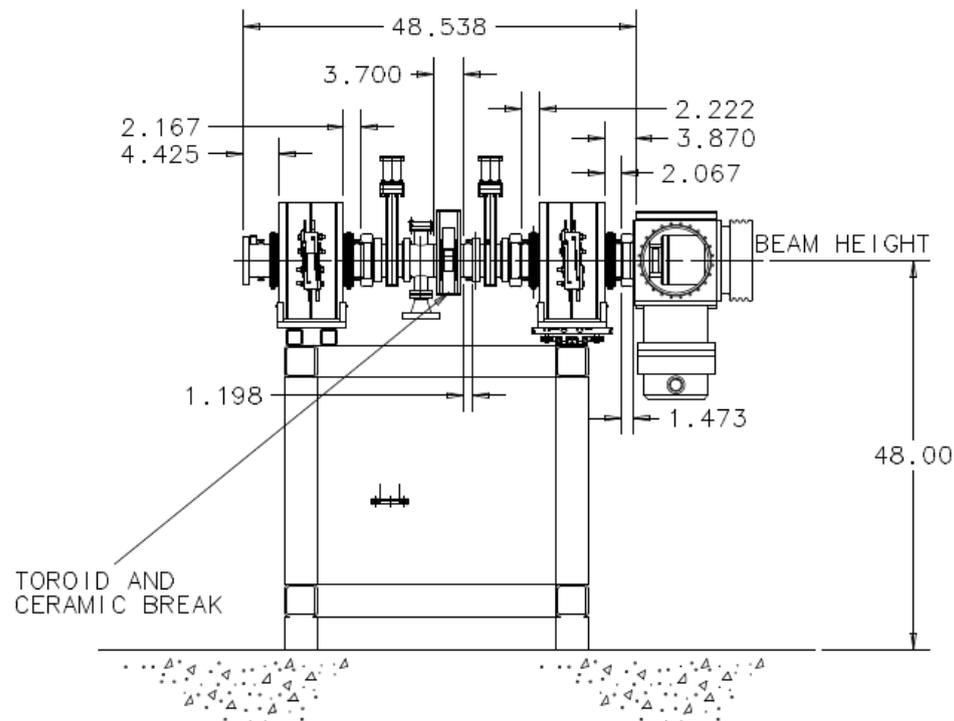
- Fill in the MS Project time lines.
- Fill in paper sections for the review.

Source Status



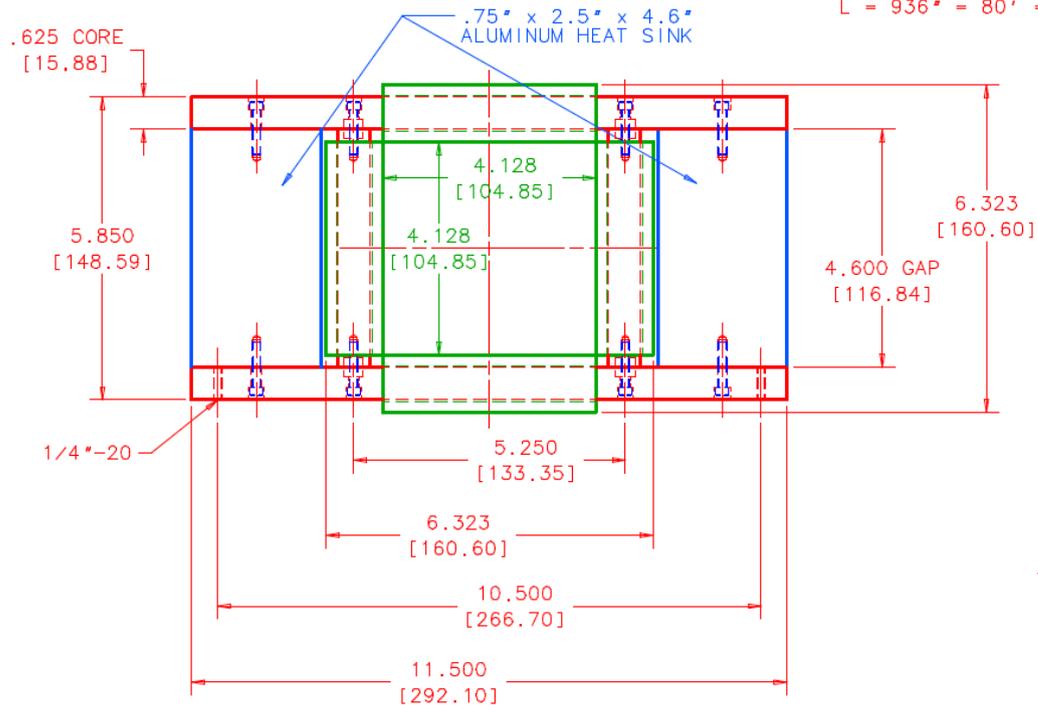
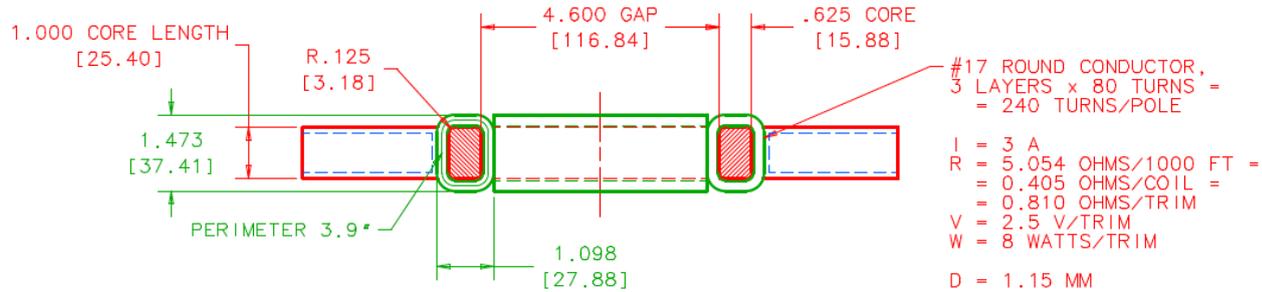
Device	Status	Comments
Source	Drawings completed.	Machine shop has drawings. Manufacturing has started.
Water	I- water tapped off (07 Mar 2010)	See next talk

LEBT Status



Device	Status	Comments
Einzel lens	Drawings complete.	All parts should be here by end of March
Einzel lens pulser	New ideas	Behlke switches in purchasing. See Jim's talk.
Solenoids	Still being built	1 solenoid complete. Measurements done by end of March. #2 on hold, #3 will be potted because it looks better than #1 or #2.
LEBT drawings	Being drawn	Position of correctors etc.
Correctors	final design (07 Mar 2011)	Milhouse doing final drawings. July/Aug delivery?

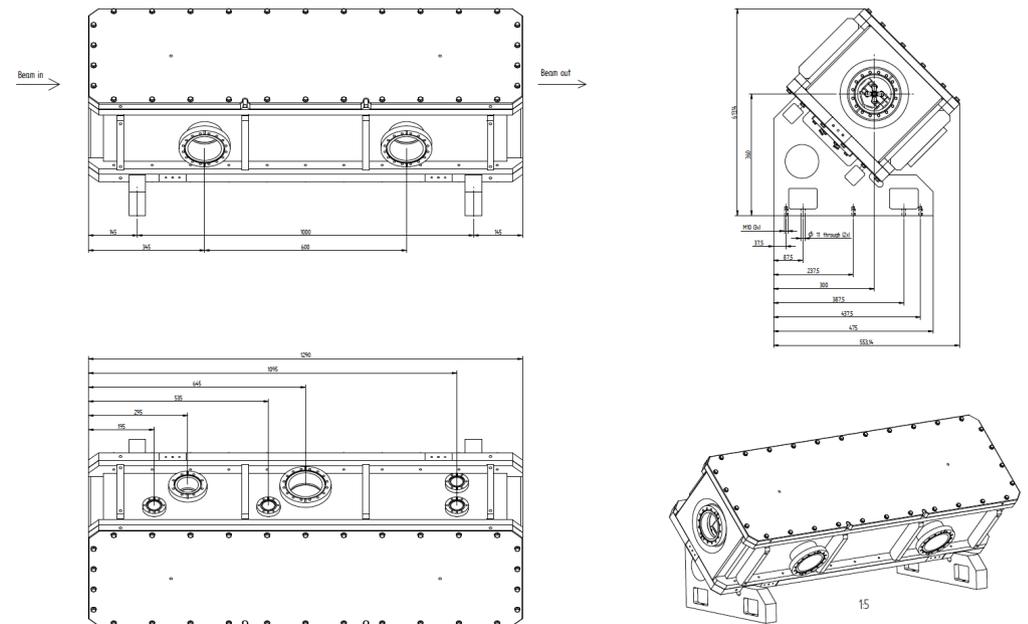
LEBT Corrector



TOTAL WEIGHT ~ 8 LBS

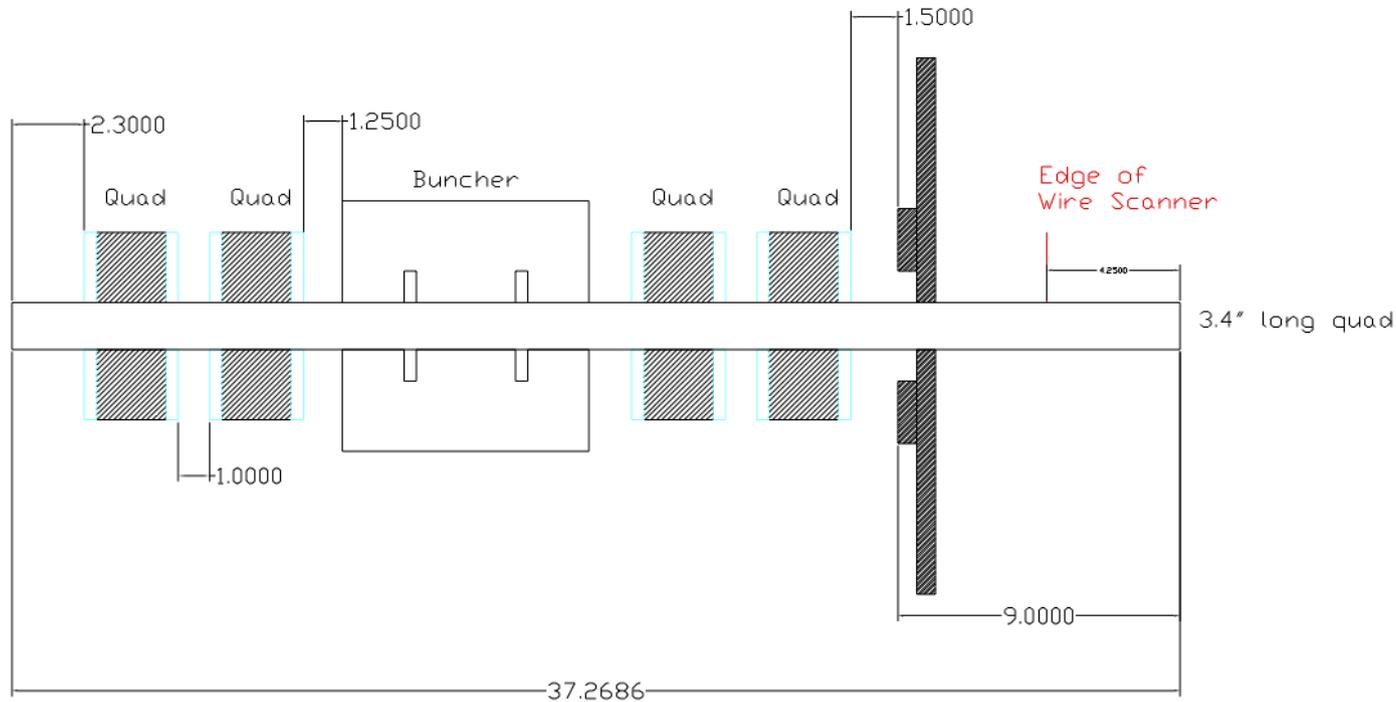
RFQ Status

No news



Device	Status	Comments
4816 PA	spigots added to I- line. power outlets done	done as of 1 st week of march

MEBT Status



Device	Status	Comments
Quads	3D drawings will be completed soon.	Expect all drawings to be completed by the end of March.
Buncher	Shipped!!!! 10 Mar 2011 and received 15 Mar 2011.	See next slide
Power for quads	Specs to follow	Quads being redone.
Power for buncher		Use present buncher supply in the line.

The Great Escape

IMPORTANT!

The 9.0-magnitude earthquake that struck eastern Japan on Friday, March 11 has affected FedEx service. [Learn more](#)

Detailed Results

Printer-Friendly Get Link Help

Enter tracking number

Detailed Results Notifications

Tracking no.: 870785820066 Select time format: 12H | 24H E-mail notifications

Delivered



Delivered

Signed for by: E.BAINBRIDGE

Shipment Dates

Ship date: Mar 11, 2011 Destination: RATAVIA, IL
 Delivery date: Mar 14, 2011 9:35 AM Signature Proof of Delivery

Shipment Options

Hold at FedEx Location
 Hold at FedEx Location service is not available for this shipment.

Shipment Facts

Service type: International Priority Freight Delivered to: Shipping/Receiving
 Weight: 200.0 kg/440.9 lbs

Shipment Travel History

Select time zone: Local Scan Time

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Mar 14, 2011 9:35 AM	Delivered to a non-FedEx clearance broker	RATAVIA, IL	
Mar 14, 2011 7:02 AM	On FedEx vehicle for delivery	CHICAGO, IL	
Mar 14, 2011 5:05 AM	At local FedEx facility	CHICAGO, IL	
Mar 14, 2011 12:51 AM	At dest sort facility	CHICAGO, IL	
Mar 13, 2011 4:23 PM	In transit	MEMPHIS, TN	
Mar 13, 2011 3:00 PM	Departed FedEx location	MEMPHIS, TN	
Mar 12, 2011 1:17 AM	Clearance delay	MEMPHIS, TN	
Mar 11, 2011 10:52 PM	Arrived at FedEx location	MEMPHIS, TN	
Mar 12, 2011 2:19 AM	In transit	SENNAN-SHI JP	
Mar 12, 2011 12:48 AM	In transit	SENNAN-SHI JP	
Mar 11, 2011 11:20 PM	At local FedEx facility	SENNAN-SHI JP	
Mar 11, 2011 2:59 PM	Left FedEx origin facility	HIROSHIMA-SHI JP	
Mar 11, 2011 11:30 AM	Picked up	HIROSHIMA-SHI JP	

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Won't be around for delivery?
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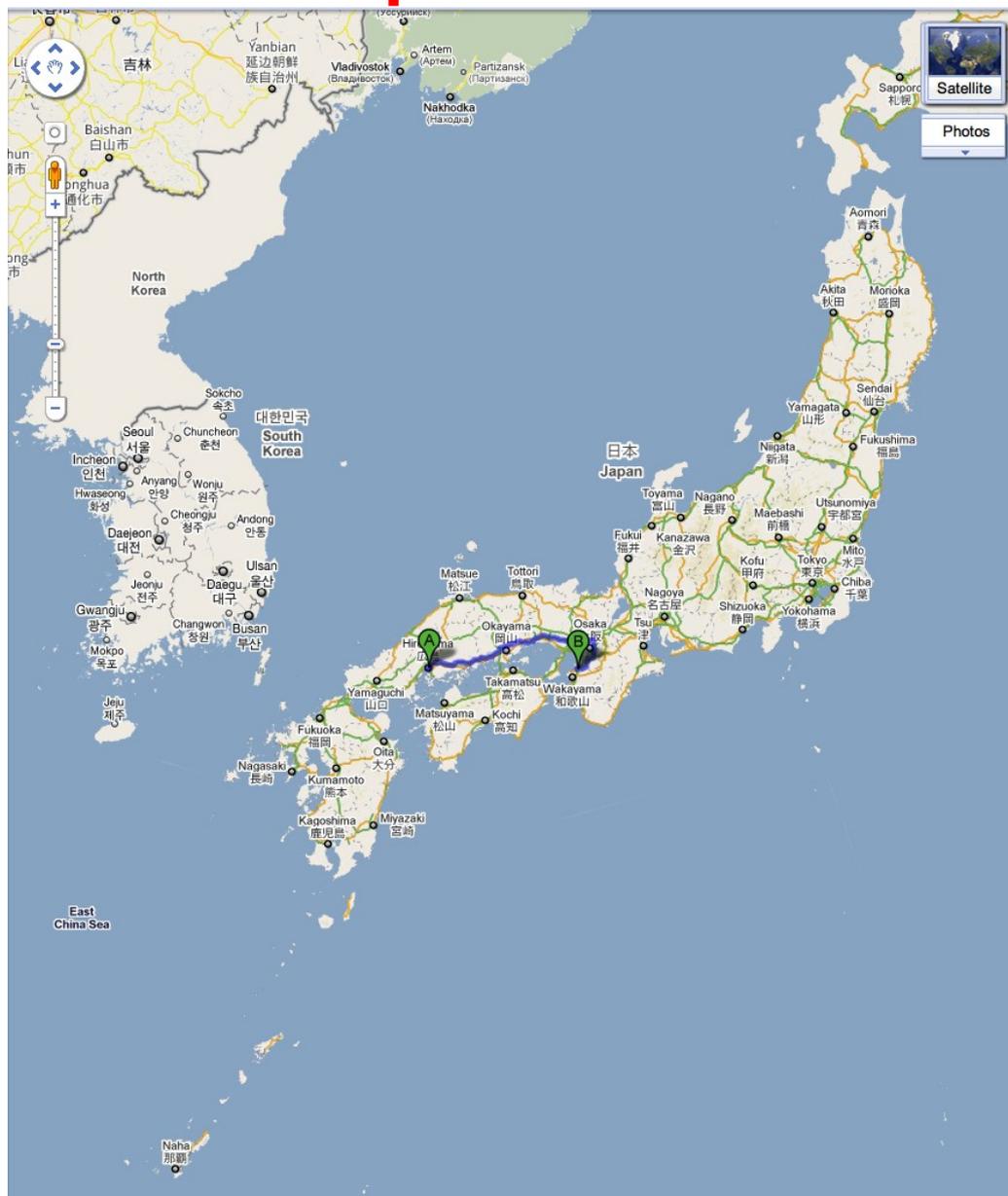
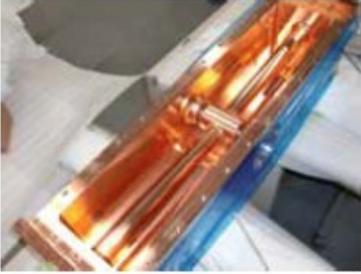


PHOTO		PHOTO	
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2		7	

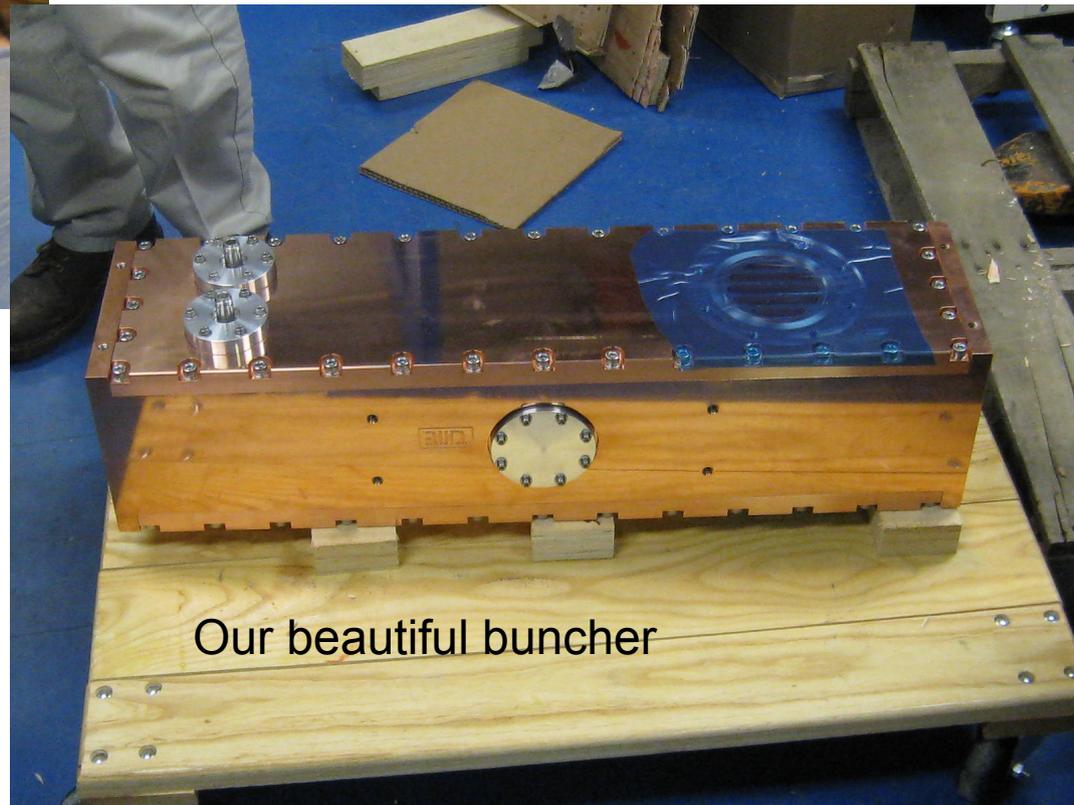
Buncher packed for shipping

	8	
4	9	
5	10	

Buncher here at FNAL



Bill all dressed up and actually doing work!



Our beautiful buncher

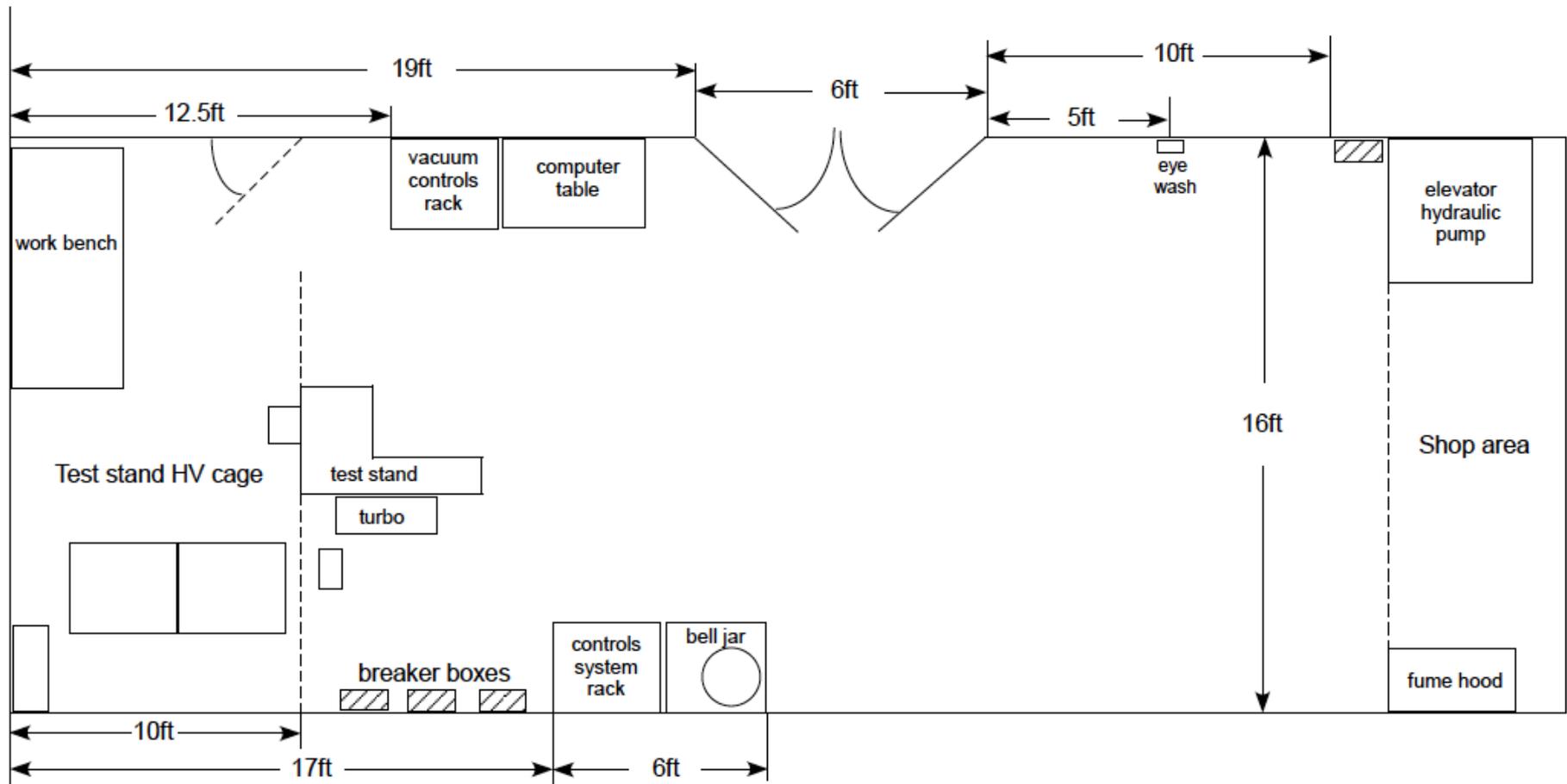
Controls

- There are questions as to who is in charge of what
 - Elmie Peoples
 - Mike Kucera
 - Jeff Larson
 - Kent Triplett
- What are the as needed/on hand equipment that will be used for controls?
- I suggest meeting to sort all this out.

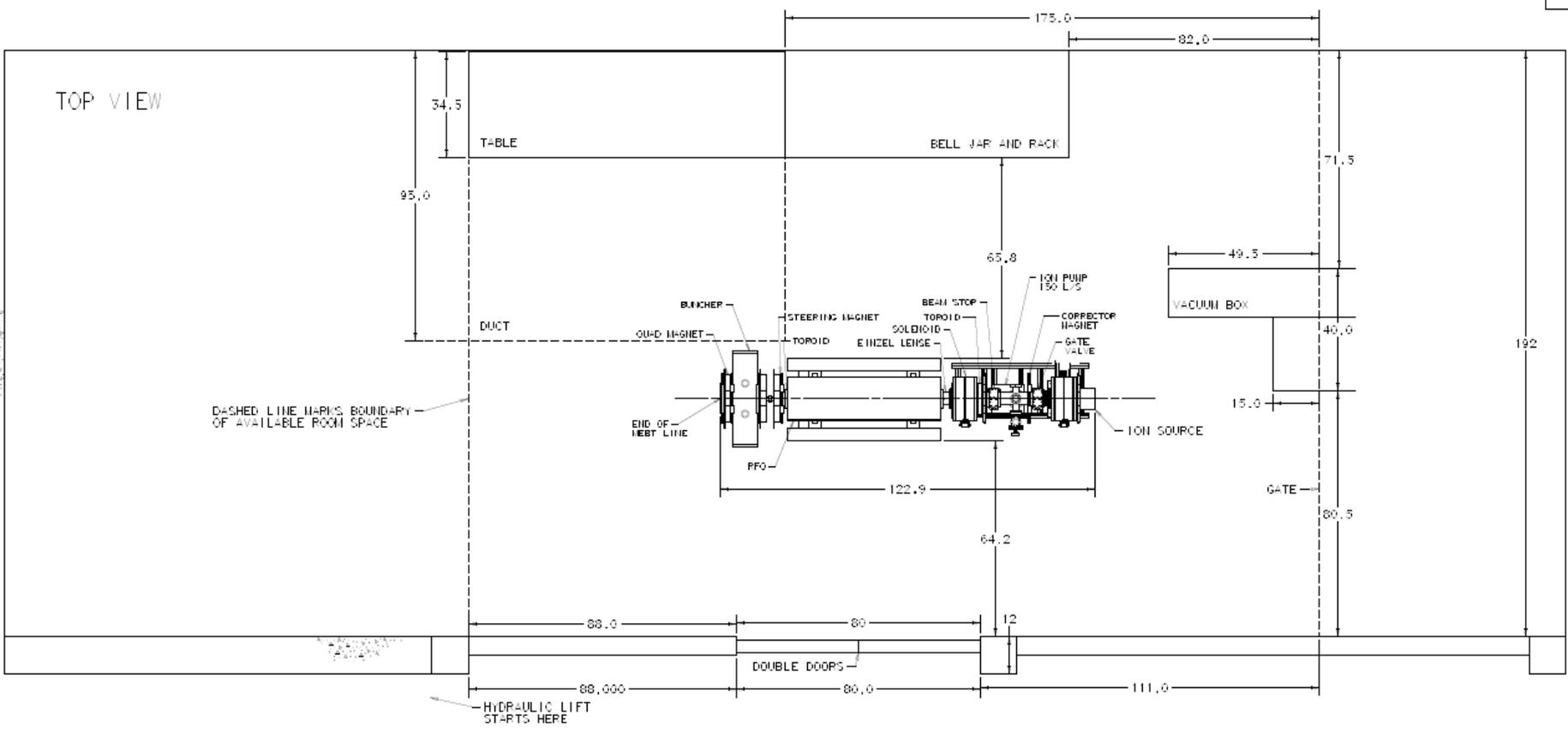
Test Stand

- Room has been cleaned up.
 - Beam line layout in progress
 - Water – Bob Slazak
 - Electrical – Jim Ranson
- Need to test LEBT before RFQ connection
 - Wires, toroids at the end of the LEBT, same position as the RFQ.
- Design diagnostic line.
- Drawings from Schempp are sufficient to build table.

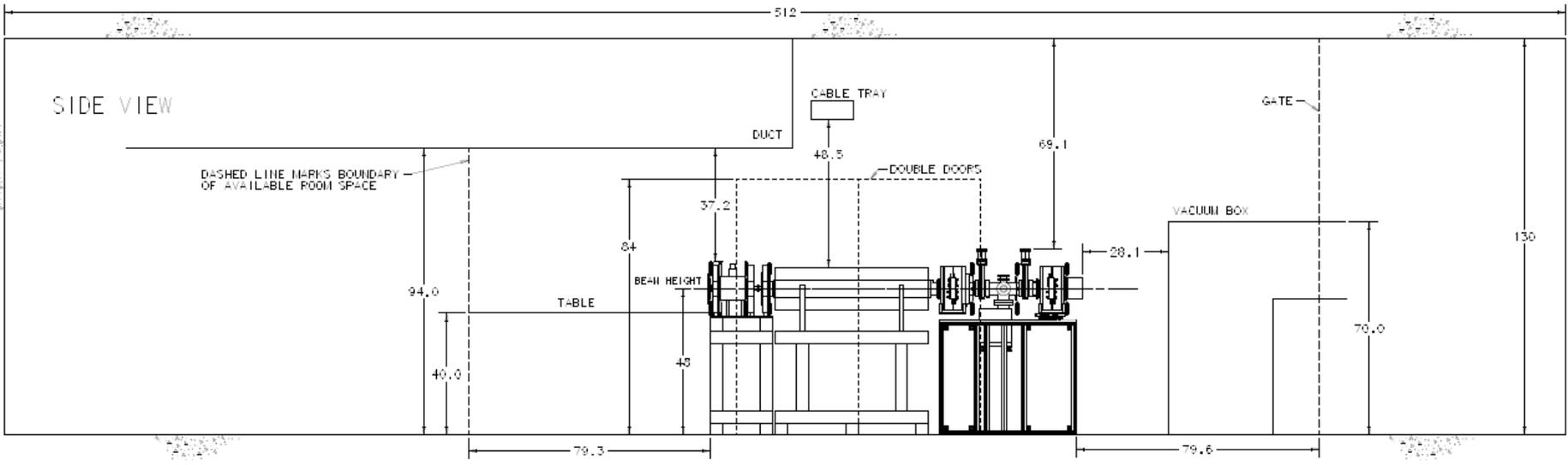
Test Area



TOP VIEW



SIDE VIEW



Safety

- When can the beam line layout in test area be done?

RFQ reminders

- Schempp is vendor
 - Make sure that the vanes are cleaned! See ISIS email.
 - Some cleaning details supplied by ISIS.
 - Review and verify on site mechanical design and construction (already in contract).