



Sector 20 LCLS shielding wall

- Tuesday August 3
1 TC2002 set-up
- Wednesday August 4
8 TC2002 set-ups
The wall was down at 12:30PM
- Thursday August 5
Levels through floor, wall and jack-points
Fit a line through the 7 jack-points:

Point	X in mil	Y in mil
20-6	-0.009	0.006
20-7	0.004	-0.014
20-8	0.011	0.005
20-9	0.007	0.005
21-1	-0.011	-0.005
21-2	0.001	0.004
21-3	-0.002	-0.002

Set vacuum pipe with alignment scope

- Friday August 6
Compute quad position, assuming that Quad LI20 901 is at 2029.406 m:

Quad	Survey in m	Drawing in m
LI20 701	2004.383	2004.386
LI20 801	2016.733	2016.730
LI21 201	2044.259	2044.257

The distance from Quad LI20 901 to the LCLS injector intersection point is 134.964 inches per the drawing.

Check quad with alignment scope

Mark 6 points for the 2 walls construction. The final decision was to have the walls vertical (not perpendicular to the accelerator-injector plane)





PEPILER SLM

- Wednesday August 4
1 crew set 2 out of the 5 stands. Waiting for PPS gate to be opened to lay out stands #2, #4 and #5

SPEAR3 BL0 SLM

- Wednesday August 4
Enter drawing values into deck
- Thursday August 5
1 crew of 3 used the only 2 available wall monuments to get both X and Y guns. Checked 2 set-ups with SC04SD1, then checked the absorber and set:
 - o Vacuum valve assembly
 - o Drift pipe in permanent magnets
 - o Aperture mask
 - o Cold finger
 - o View port
- Friday August 6
1 crew of 3 to set a scribe line in the SLM room (X=0.000", Z=108.00")

Miscellaneous

- Monday August 2 through Friday August 6
 - o Checking and replacing linac laser retractable lens status lights
- Thursday August 5
 - o Fiducialization of horizontal slits for SSRL BL4-2
- Friday August 6
 - o Fiducialization of horizontal slits for SSRL BL4-2 and BL7-2
 - o SPEAR3 survey of some wall blocks inside the ring for preparation of 2005 earthquake retrofit