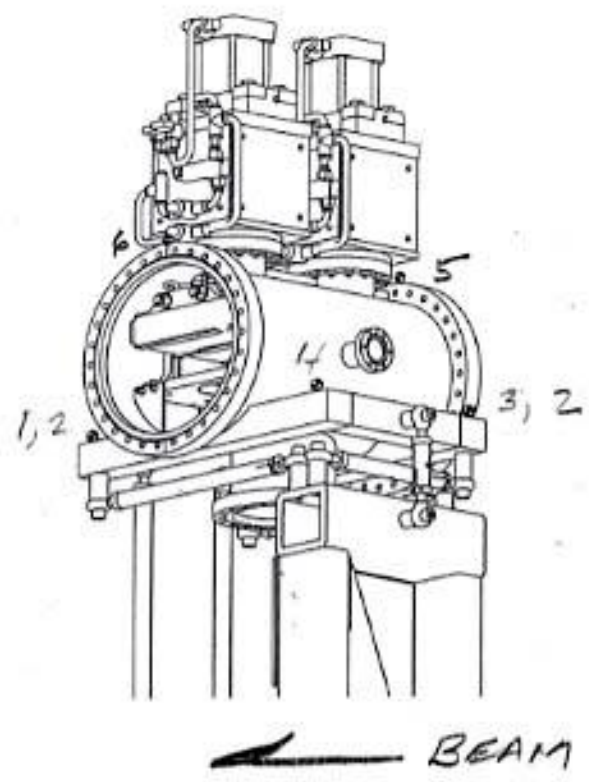


SSRL SPEAR 3
 BEAMLINE 3 STOPPER

2/28/03
 F.G., L.G.

Key
 8/27/03



	X	Y	Z
1	-7.112	-2.405	+5.496
2	-7.112	-2.369	-5.475
3	+7.093	-2.291	-5.517
4	+7.127	-2.285	+5.441
5	-.038	+8.120	-8.953
6	-.021	+8.120	+8.956

(X)

LAB DATA
SSRL B/L #3 STOPPER

2/28/03
F.G., L.G.

6.623
6.623
20.000
19.243
12.000
12.753

15.989
15.989

-22.612 LOS

18.000 REF
2.612
40.612 = ϕ
4.000 1/2 BRICK
36.612 to - EDGE

1) 14.500
1.000
15.500
-22.612
-7.112 ✓

2) 14.500
1.000
15.500
-22.612
-7.112 ✓

3) 10.334
19.371
29.705
-22.612
+7.093 ✓

4) 10.368
19.371
29.739
-22.612
+7.127 ✓

5) 21.574
1.000
22.574
-22.612
-.038 ✓

6) 21.591
1.000
22.591
-22.612
-.021 ✓

FG 2/28/03

1) +.005 2) ~~0~~ 3) ~~0~~ 4) ~~0~~

9) +045 10) +.033 11) +.030 12) +.030

(Y)

$$\begin{array}{r} 39.167 \\ 1.000 \\ \hline 40.167 \\ - 38.578 \text{ EL} \\ \hline 1.589 \text{ HI} \checkmark \end{array}$$

LAB DATA
SSRL B/L 3 STOPPER
1.589
1.000 1/2 BRILL
1.589 S/R ✓
IN

2/26/03
MR LG

- 1) .600
1-011
- 2) .610
- 3) .606
- 4) .625
1-015

- 5) .562
1-015
- 6) .576
- 7) .572
- 8) .586
1-015

$\bar{M} = .592$ 1-003

- .700
- 9) .625
1-015
- 10) .624
1-015
- 11) .624
- 12) .630

- 13) .549
- 14) .552
- 15) .557
- 16) .569

$\bar{M} = .591$ 1-002

$$\begin{array}{r} 37.500 \\ 1.000 \\ \hline 38.500 \\ - 38.578 \text{ EL} \\ \hline -.078 \text{ HI} \checkmark \end{array}$$

OUT

- 1) 1.070
- 4) 1.045
- 5) 1.105
- 8) 1.055

- 9) 1.045
- 12) 1.027
- 13) 1.120
- 16) 1.085

LAB DATA
SSRL BL #3 STOPPER

2/26/03
MR LG

Y) 13.246/2 6.623 RADIUS
7.970/2 3.985 RADIUS

$$\begin{array}{r} u/s) 15.539 \\ 6.623 \\ \hline 22.162 \end{array} \checkmark$$

$$\begin{array}{r} d/s) 15.539 \\ 6.623 \\ \hline 22.162 \end{array} \checkmark$$

$$\begin{array}{r} SIDE) 18.177 \\ 3.985 \\ \hline 22.162 \end{array} \checkmark$$

+22.162 HF \checkmark

$$\begin{array}{r} 1) 23.567 \\ 1.000 \\ \hline 24.567 \\ 22.162 \\ \hline -2.405 \end{array} \checkmark$$

$$\begin{array}{r} 2) 23.531 \\ 1.000 \\ \hline 24.531 \\ 22.162 \\ \hline -2.369 \end{array} \checkmark$$

$$\begin{array}{r} 3) 5.082 \\ 19.371 \\ \hline 24.453 \\ 22.162 \\ \hline -2.291 \end{array} \checkmark$$

$$\begin{array}{r} 4) 23.447 \\ 1.000 \\ \hline 24.447 \\ 22.162 \\ \hline -2.285 \end{array} \checkmark$$

$$\begin{array}{r} 5) 13.042 \\ 1.000 \\ \hline 14.042 \\ 22.162 \\ \hline +8.120 \end{array} \checkmark$$

$$\begin{array}{r} 6) 13.042 \\ 1.000 \\ \hline 14.042 \\ 22.162 \\ \hline +8.120 \end{array} \checkmark$$

$$\begin{array}{r} 3.740 \\ 57.000 \\ \hline 60.740 \\ 22.162 \\ \hline -38.578 \text{ EL} \end{array} \checkmark$$

39.167

FG
02/28/03

LAB DATA
SSRL B/L 3 STOPPER

2/28/03

F.G., L.G.

⑦

$$\text{TANK } 19.000 / 2 = 9.500$$

$$\begin{array}{r} 9.500 \\ 17.475 \\ \hline -26.975 \text{ LOS} \end{array} \checkmark$$

$$\begin{array}{r} 1) \ 31.471 \\ 1.000 \\ \hline 32.471 \\ -26.975 \end{array}$$

$$\boxed{+5.496} \checkmark$$

$$\begin{array}{r} 2) \ 20.500 \\ 1.000 \\ \hline 21.500 \\ -26.975 \end{array}$$

$$\boxed{-5.475} \checkmark$$

$$\begin{array}{r} 3) \ 20.458 \\ 1.000 \\ \hline 21.458 \\ -26.975 \end{array}$$

$$\boxed{-5.517} \checkmark$$

$$\begin{array}{r} 4) \ 13.045 \\ 19.371 \\ \hline 32.416 \\ -26.975 \end{array}$$

$$\boxed{+5.441} \checkmark$$

$$\begin{array}{r} 5) \ 17.022 \\ 1.000 \\ \hline 18.022 \\ -26.975 \end{array}$$

$$\boxed{-8.953} \checkmark$$

$$\begin{array}{r} 6) \ 16.560 \\ 19.371 \\ \hline 35.931 \\ -26.975 \end{array}$$

$$\boxed{+8.956} \checkmark$$

FG 2/28/03