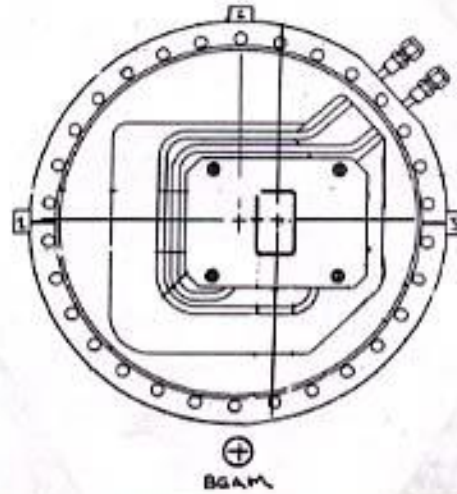


SSRL SPEAR 3
SLM-MO
EXTRACTION SEC. INSTL MASK

5/10/04
J.M^g., L.G.



	X	Y	Z
1	+ 9.306	+ .011	+ .001
2	+ 1.210	+ 8.093	+ .019
3	- 6.864	- .008	+ .004

SSRL - SPEAR3
 SLM-MO EXCAVATION
 SECTION INSTL MASK

5/10/04
 L.G. JM

(X)

19.137 REF.
 (-) 1.028 to - SIDE OF APER. 1.148 OPENING IN X

$$\begin{array}{r} 19.137 \\ - 1.028 \\ \hline 18.109 \end{array}$$

$$\begin{array}{r} 1.148 \\ \div 2 \\ \hline .574 \end{array}$$

$$\begin{array}{r} 18.109 \\ - .574 \\ \hline 17.535 \\ + 2.183 \\ \hline 19.718 \end{array}$$

1)
$$\begin{array}{r} 6.102 \\ + 1.000 \\ \hline 7.102 \\ + 9.306 \\ \hline 16.408 \end{array}$$

2)
$$\begin{array}{r} 14.198 \\ + 1.000 \\ \hline 15.198 \\ + 1.210 \\ \hline 16.408 \end{array}$$

3)
$$\begin{array}{r} 16.670 \\ - 1.500 \\ \hline 15.170 \\ + 8.290 \\ \hline 23.460 \end{array}$$

BOLT HOLES

.300 TOP 15.009
 Bot 14.995

$$\begin{array}{r} 15.002 \\ + .194 \text{ RAD} \\ \hline 15.196 \text{ LOS to } \phi \text{ FLANGE} \\ + 16.408 \text{ LOS to } \phi \text{ APERTURE} \\ \hline 31.604 \end{array}$$

SSRL-SPEAR 3
SLM-MO EXTRACTION
SECTION INSTL MASK

5/10/04
J.M.F., L.G.

Y

(+) .055 MICED UP

$$\begin{array}{r} -1.000 \text{ to Bottom APERTURE} \\ \hline -1.055 \text{ HI} \end{array}$$

$$\begin{array}{r} 5.558 \text{ REF.} \\ -1.055 \text{ HZ} \\ \hline 6.613 = \phi \text{ OF APER.} \\ 25.100 \\ \hline +18.487 \text{ HI} \end{array}$$

$$\begin{array}{r} 1) \ 17.476 \\ \quad 1.000 \\ \hline 18.476 \\ 18.487 \\ \hline +.011 \end{array}$$

$$\begin{array}{r} 2) \ 9.394 \\ \quad 1.000 \\ \hline 10.394 \\ 18.487 \\ \hline +8.093 \end{array}$$

$$\begin{array}{r} 3) \ 17.495 \\ \quad 1.000 \\ \hline 18.495 \\ 18.487 \\ \hline -.008 \end{array}$$

6.613 ϕ APER
6.625 ϕ FLANGE

$$\boxed{+.012} \text{ ϕ FLANGE}$$

Z

U/S FACE OF FLANGE 1.122 - .561

$$\begin{array}{r} \text{VAL} - .561 \\ \text{VAL} - .561 \end{array}$$

$$\begin{array}{r} \text{U/S FACE COPPER} \\ +32.714 - 32.713 \end{array}$$

$$\begin{array}{r} F \ 32.700 \\ N \ 32.685 \\ F \ 31.500 \\ W \ 31.818 \\ \hline F \ -32.646 \\ N \ -32.646 \end{array}$$

$$\begin{array}{r} 1) \ 32.208 \\ \quad 1. - \\ \hline 33.208 \\ 33.207 \\ \hline +.001 \end{array}$$

$$\begin{array}{r} 2) \ 32.226 \\ \quad 1. - \\ \hline 33.226 \\ 33.207 \\ \hline +.019 \end{array}$$

$$\begin{array}{r} 3) \ 32.211 \\ \quad 1. - \\ \hline 33.211 \\ 33.207 \\ \hline +.004 \end{array}$$

$$\text{LOS} - 33.207$$