

NOTES: (UNLESS OTHERWISE SPECIFIED)

| REV. | DATE | DCN # | DRAWING TREE # |
|------|---------|--------------|----------------|
| A | 4-21-04 | E030396-00-D | |
| | | | |
| | | | |

$\phi 1.004^{+0.010}_{-0.000}$
.04 DEEP C'BORE

$\phi 0.875 \pm 0.010$
THRU

PUMP
SIDE

MAKE 1 PART
PER MANIFOLD

FLAT AREA SEE
NOTE

PUMP
SIDE

$\phi 0.875 \pm 0.010$
THRU

$\phi 1.004^{+0.010}_{-0.000}$
.04" DEEP C'BORE

TOP

TOP

BOTTOM

TANGENT TO RADIUS
TYP

THIS AREA TO BE
FLAT WITH IN .008
TIR CONCAVE OK
[AFTER WELD]

SERVICE
SIDE

SEAM
REF

2 1/2" SQ. X .12
WALL
304 STAINLESS TUBE
STOCK

SERVICE
SIDE

$\phi 0.750^{+0.020}_{-0.000}$
THRU

$\phi 0.386$ 'W' DRILL
THRU

BOTTOM

| ITEM NO. | REQ. QUANTITY | SPARE | TOT. QUANTITY | PART NUMBER | DESCRIPTION | SUPPLIER |
|-----------------------------|---------------|--------------|---------------|--|-------------|----------|
| PARTS LIST | | | | | | |
| UNLESS OTHERWISE SPECIFIED: | | | | DATE | NAME | |
| DIMENSIONS ARE IN INCHES | | | | DRAWN | 4/21/04 | KENM |
| TOLERANCES: | | | | CHECKED | | |
| XX ± .005 | | | | | | |
| XXX ± .01 | | | | | | |
| ANGULAR ± 3 DEG | | | | | | |
| MATERIAL | | | | COMMENTS: | | |
| N/A | | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | |
| FINISH | | | | SYSTEM LLO | | |
| NONE | | | | SUB-SYSTEM HEPI | | |
| | | | | NEXT ASSY N/A | | |
| | | | | PART NAME LLO PUMP STATION MANIFOLD PART 1 | | |
| SIZE | | DWG. NO. | | REV | | |
| C | | D030718-A | | A | | |
| SCALE: | | SHEET 1 OF 1 | | FILE NAME/LOCATION: D030718-A | | |

