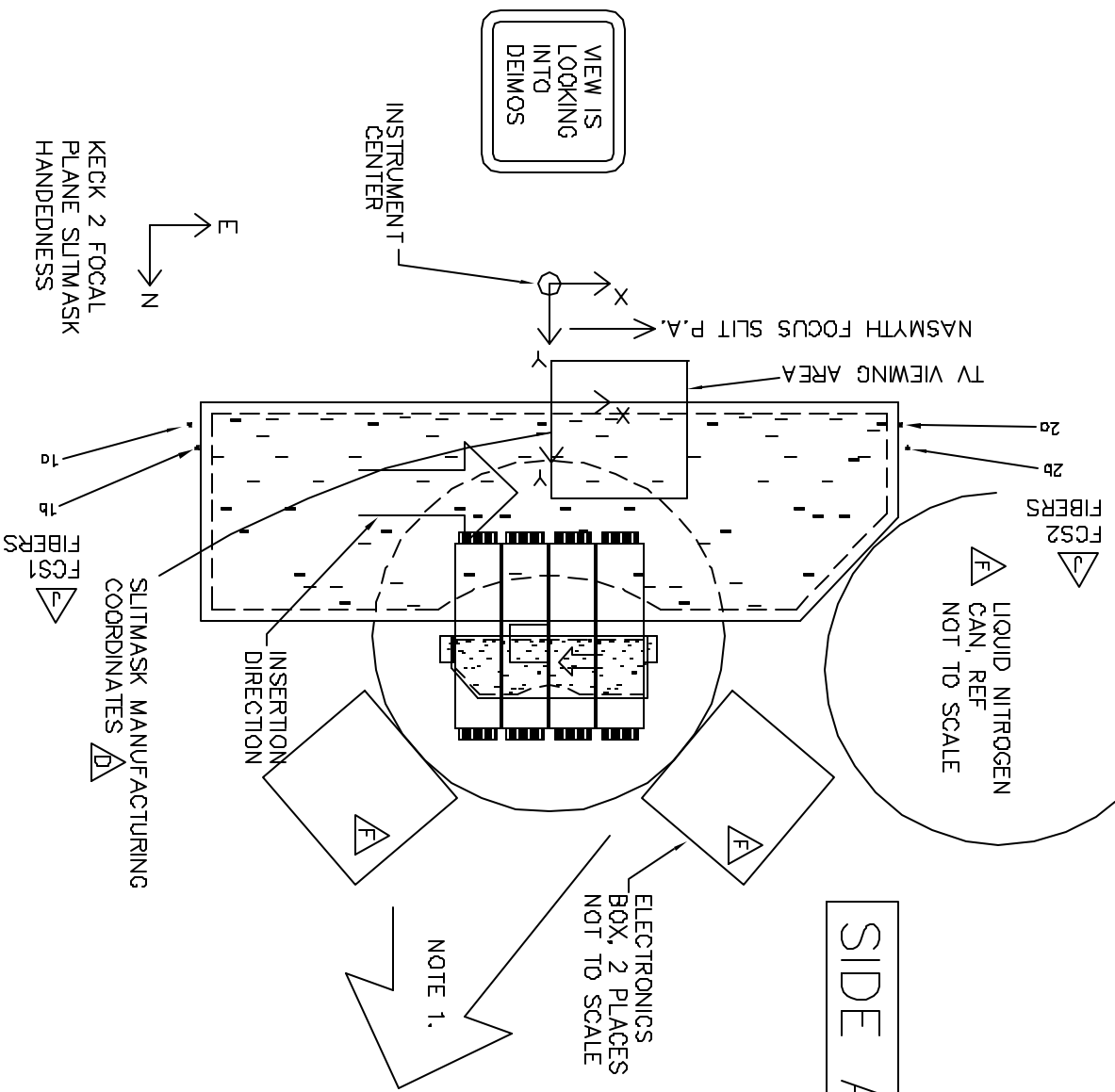


SIDE A



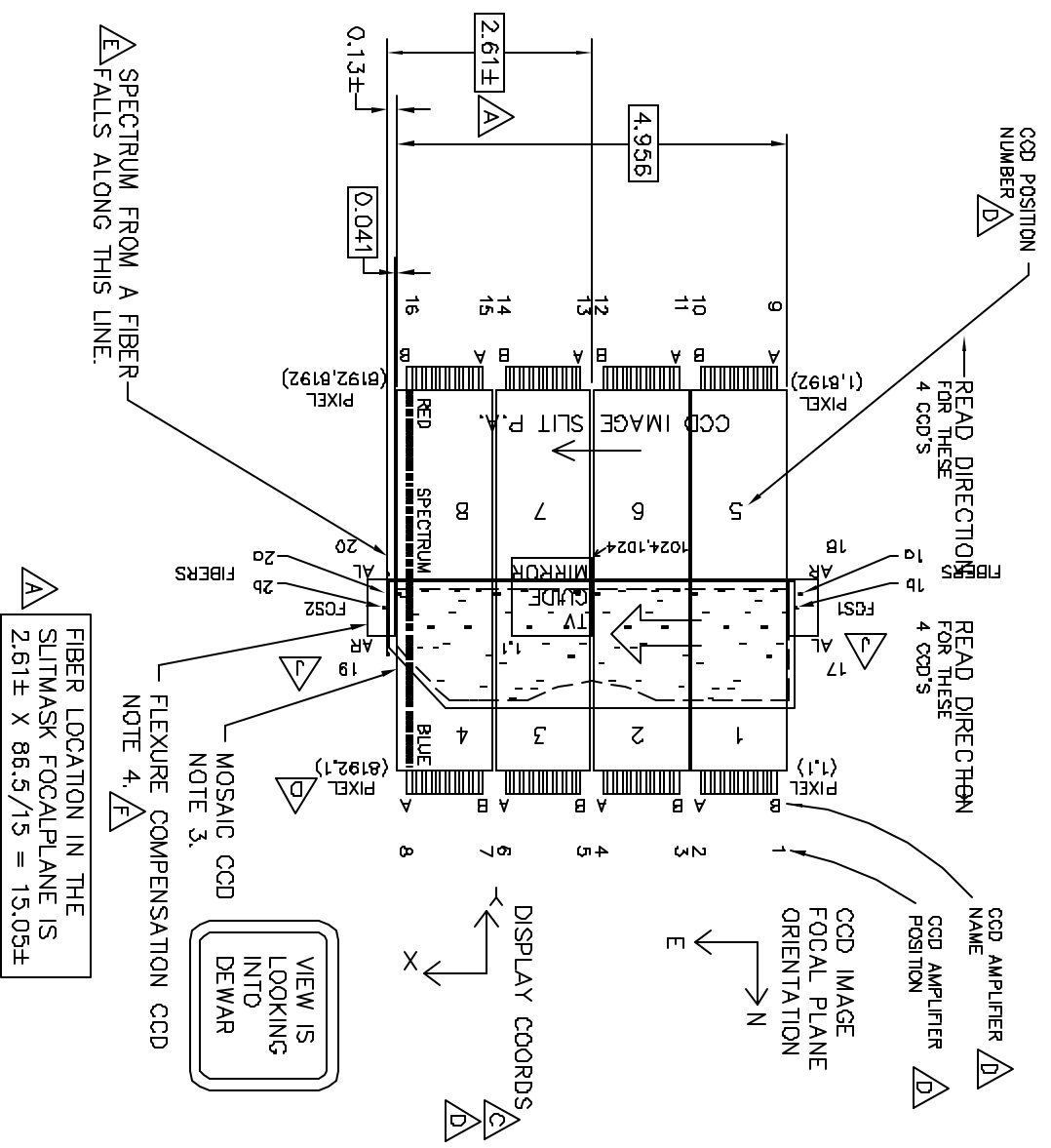
NOTES:

1. SHRINKAGE OF THE SLITMASK AT THE FOCAL PLANE DOWN TO THE CCD MOSAIC IS NOT CORRECT HERE. IT SHOULD BE 86.5/15 OR 5.7 TO 1. ANAMORPHISM IS NOT SHOWN HERE. THIS IS NOT A SCALE DRAWING.
2. THIS DRAWING IS DERIVED FROM D0304.E WHICH SHOWS WHERE THE 3.1 ARC-MINUTE SLITLET LANDS ON WHICH PIXELS IN THE MOSAIC.
3. 2048 BY 4096 15 MICRON PIXELS
4. 1200 BY 600 15 MICRON PIXELS, 1200 BY 300 PIXELS USED FOR FLEXURE COMPENSATION.

INCHES

STEVE: THE TV VIEWING AREA IS ONLY ON "SIDE A". THERE ARE 3 TV MODES:

1. NO SLIT MASK INSERTED, TV LOOKS AT A MIRROR NEXT TO THE "SIDE A" FIELD OF VIEW.
2. A STANDARD SLIT MASK IS INSERTED AND THE TV LOOKS AT THE REFLECTIVE CYLINDRICAL MASK SURFACE CCD#3 AND CCD#7 RECORD THE SPECTRA.
3. A SPECIAL SLIT MASK WITH SINGLE "LONGSLIT" IS INSERTED. THE TV LOOKS AT THIS SPHERICAL MASK. THIS SINGLE "LONGSLIT" IS CENTERED AT 4.5 ARC-MINUTES ON THE SKY. CCD#3 AND CCD#7 RECORD SPECTRA.



FIBER LOCATION IN THE SLITMASK FOCALPLANE IS 2.61± X 86.5/15 = 15.05±

CHANGE E WAS ORIGINALLY 7 19 99

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|----------|------|------|-------------------------------------|
| G | 7/20/91 | J.O. | | ADD FCS NUMBERS AND TV PIXEL NUMBER |
| H | 11/7/90 | J.O. | | MOVED FCS ORIGINS |
| J | 11/25/91 | J.O. | | ADD NOTES FOR SLA, RE-DO CHANGE |
| | | | | NO SIDE "E" |

| REV | DATE | BY | CHKD | DESCRIPTION |
|-----|---------|------|------|--------------------------------------|
| A | 1/7/97 | J.O. | | ADD FIBER INFORMATION FOR FLEX COMP. |
| B | 3/8/97 | J.O. | | ADD TV GUIDER NOTES |
| C | 5/21/97 | L.M. | | ADD DETECTOR COORDS AND MAKE COORDS |
| D | 8/13/97 | L.M. | | ADD MORE NOTES, GENERAL REVISION. |
| E | 8/1/98 | J.O. | | RESOLVE LAST FILE, ADD NOTE #1. |
| F | 8/2/99 | J.O. | | ADD DETWRN ELCT BOXES, UNZ, MOVE FP. |

NOTED

KECK/DEIMOS
 CCD MOSAIC NUMBERING
 DERIVED FROM D0304.E
 J.O. 6 13 98
 D0307.J