

| JUMPER CHART | | |
|--------------|----|-------------------|
| FROM | TO | NOTE |
| E2 | E3 | STD CONFIGURATION |
| E4 | E5 | STD CONFIGURATION |
| EB | E9 | -001 ASSY ONLY |
| E7 | E8 | -002 ASSY ONLY |

| SPARES | | | |
|---------|-------|------------|--------|
| REF DES | TYPE | INPUT | OUTPUT |
| Z6 | LS33 | 11 / 2 | 13 |
| Z20 | S04 | 11 | 10 |
| Z31 | L5040 | 13, 12 | 11 |
| Z31 | LS00 | 9, 10 | 9 |
| Z31 | LS00 | 4, 5 | 6 |
| Z13 | 7425 | 9, 10 / 2, | 8 |

UNLESS OTHERWISE SPECIFIED),
1. PART REFERENCE DESIGNATION SHOWN, FOR
COMPLETE DESIGNATION, PREFIX WITH UNIT AND /
OR ASSEMBLY DESIGNATION, AX.
2. NUMBERS SHOWN BELOW REFERENCE DESIGNATION
IN LOGIC SYMBOLS ARE SEGMENTS OF VENDOR
PART NUMBER DESCRIBED IN PART LIST.
3. LOGIC SYMBOLS PER USA-STD Y32.2-67;
SYMBOLS PER USA-STD Y32.14; ELECTRONIC
4. ALL RESISTOR VALUES ARE IN OHMS, 5% 1/4 W

NOT USED ON -002 ASSY

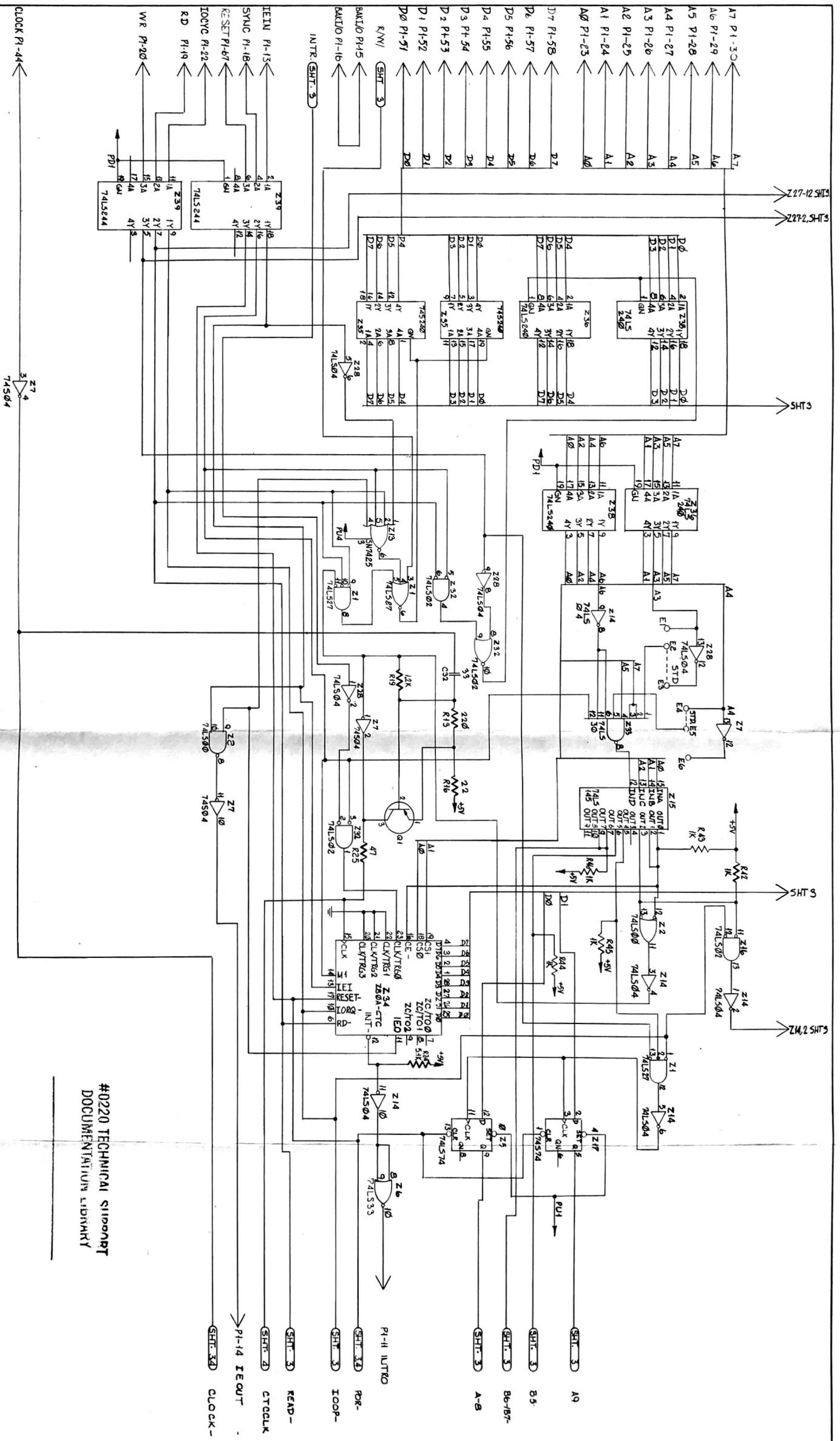
| VOLTAGE CHART | | | |
|---------------------------|----------------------------|------|-----|
| IC | TYPE | -VCC | GND |
| 7510B | INTEGRATED RIM | 13 | 7 |
| MK4118-4 | MK3882-4 | 20 | 3.9 |
| 75453B | LS244, LS373, LS2410, S240 | 12 | 2.4 |
| LS165, S163, LS257, S112, | 5 | 8 | 2.8 |
| LS45, RIM, TRANSCIVER, | 10 | 16 | 2.8 |
| LS191 | LS27, SD4 | 8 | 16 |
| LS30, LS40, LS50, LS52 | 7 | 14 | 2.8 |
| LS74, LS83, LS32, | | | |
| 20MHz OSC | | | |

| REF | DES |
|-----------|----------|
| LAST USED | NOT USED |
| T1 | |
| J2 | - |
| R46 | R32, R33 |
| CRI | |
| L32 | |
| Z49 | |
| L5 | |
| G3 | |
| E9 | |

#0220 TECHNICAL SUPPORT DOCUMENTATION LIBRARY

REF: DRILL PLAN

| MATERIAL | | | |
|---|---------------|----------------------------------|---------------------|
| UNLESS OTHERWISE SPECIFIED | | DRAWN BY (SIGN) ROBINS, TERRY | |
| TOLERANCES | | DATE 1/2-6-82 | |
| X.X = ± .010 | X.XX = ± .005 | CHECK | TITLE |
| ANGLES = ± 1° | | DESIGN | SCHEMATIC DIAGRAM |
| HOLE DIA TOLERANCES | | APPD | ARC INTERFACE BOARD |
| .014 - .250 = + .005 -.001 | | APPD | |
| .251 - .750 = + .008 -.001 | | DATE | |
| .751 - UP = + .015 -.001 | | | |
| DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING | | DWG NO. 8000178 | SIZE |
| DO NOT SCALE THIS DRAWING | | SCALE NOT TO SCALE | SHEET 1 OF 4 |
| NEXT ASSY. | USED ON | | |



#0220 TECHNICAL SUPPORT DOCUMENTATION LIBRARY

DATEN-

A WAIT-

A DLE-

DASEL

RB7

RB1

RB6

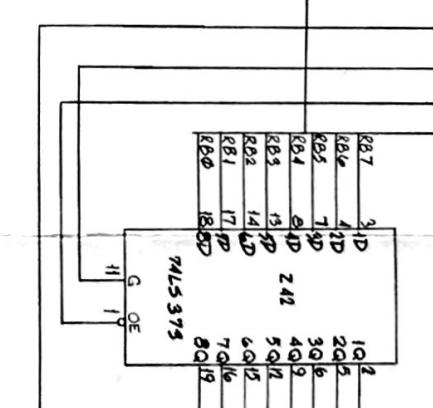
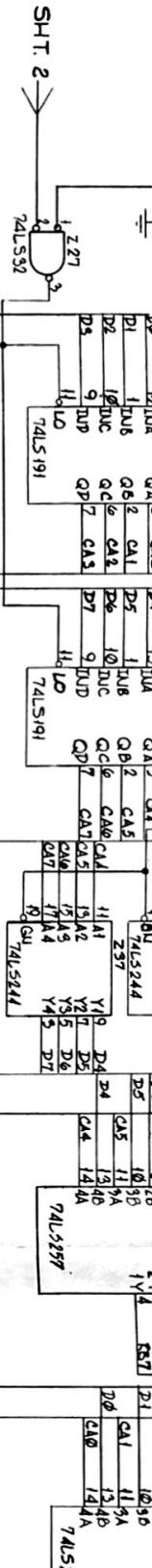
RB5

RB2

RB4

RB3

RB9



SEE SHT 2-214

TTLCLK

RX

CLK

CA

POR-

SHT 2

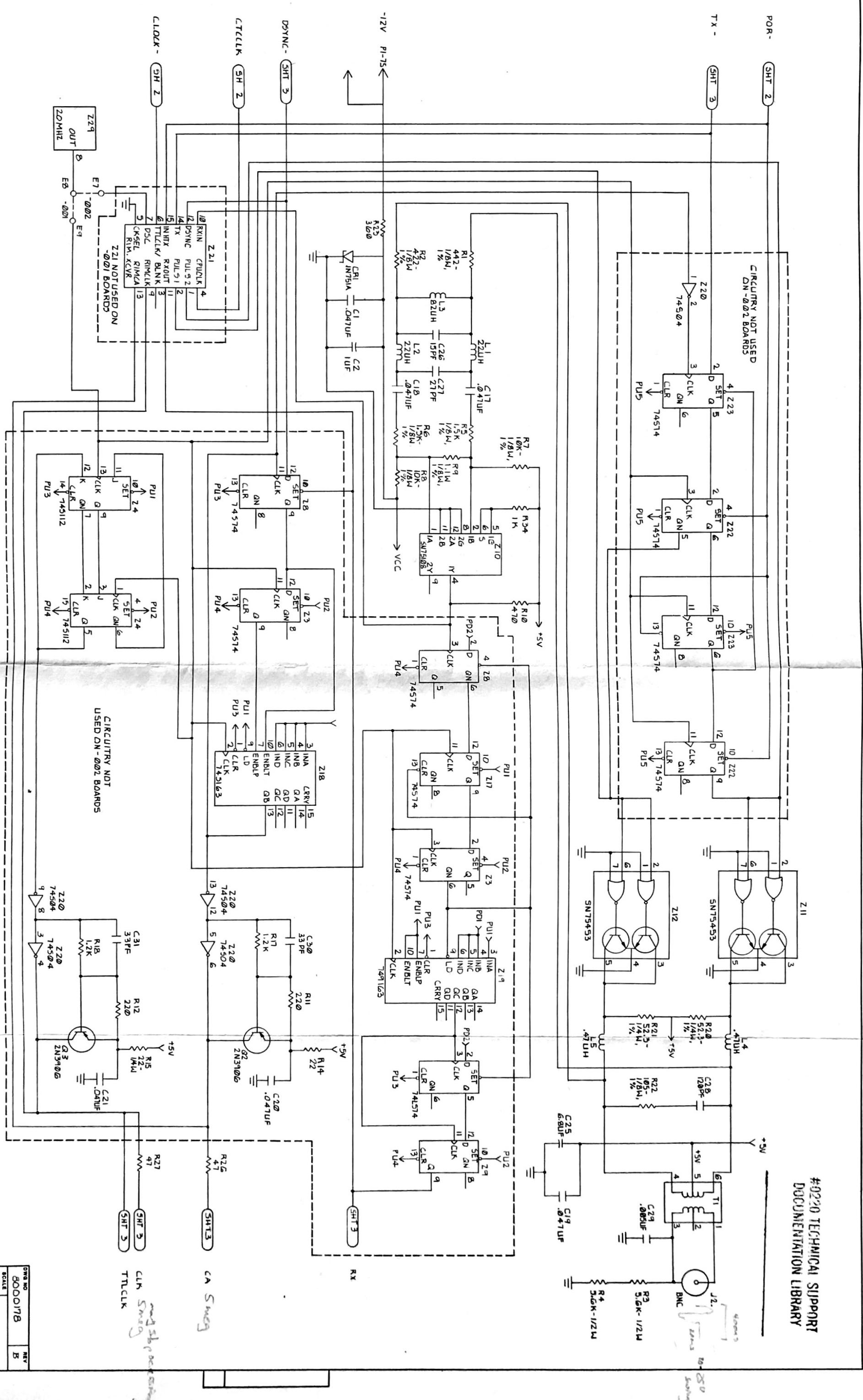
SHT 4

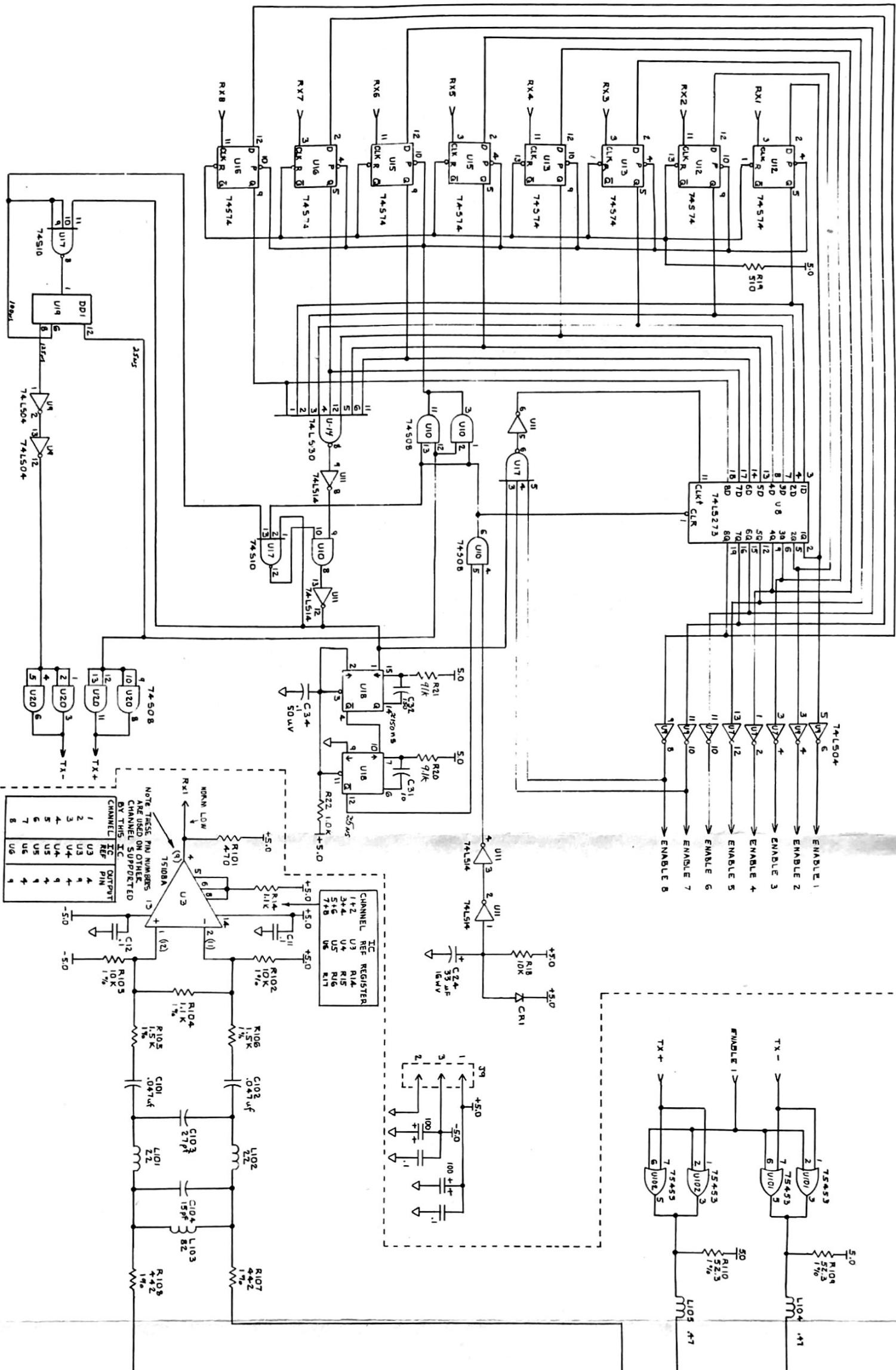
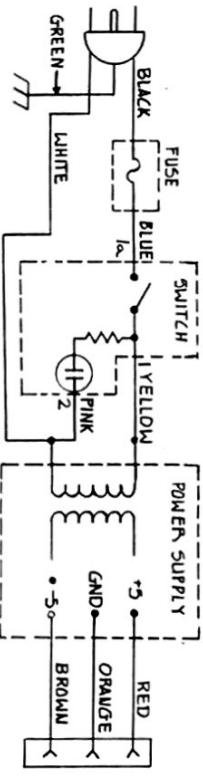
SHT 4

SHT 2

P1-48 WAIT
R/WAIT
SHT 2
DAT SELP1-48 WAIT
R/WAIT
SHT 2
DAT SEL#0220 TECHNICAL SUPPORT
DOCUMENTATION LIBRARY

#0220 TECHNICAL SUPPORT
DOCUMENTATION LIBRARY





NOTE: CHANNELS REFERRED TO IN EACH
CHANNEL ARE ASSIGNED REFERENCE
NUMBERS WHICH START WITH
CHANNEL NUMBERS TIMES 100.
I.E. R101, R201 ETC.

#0220 TECHNICAL SUPPORT
DOCUMENTATION LIBRARY

| MATERIAL | | | |
|---|----------------|---------|--|
| UNLESS OTHERWISE SPECIFIED | | | |
| TOLERANCES | | | |
| $XX \pm .010$ | $XXX \pm .005$ | | |
| ANGLES $\pm 1^\circ$ | | | |
| HOLE DIA. TOLERANCES | | | |
| .014 - .250 = $\pm .005$ | | | |
| .281 - .750 = $\pm .008$ | | | |
| .751 - Up = $\pm .015$ | | | |
| .751 - Down = $\pm .001$ | | | |
| DIMENSIONS ARE IN INCHES AND APPLY AFTER PLATING | PROJ# 461 | | |
| DO NOT SCALE THIS DRAWING | NEXT ASSY | USED ON | |
| | | | |