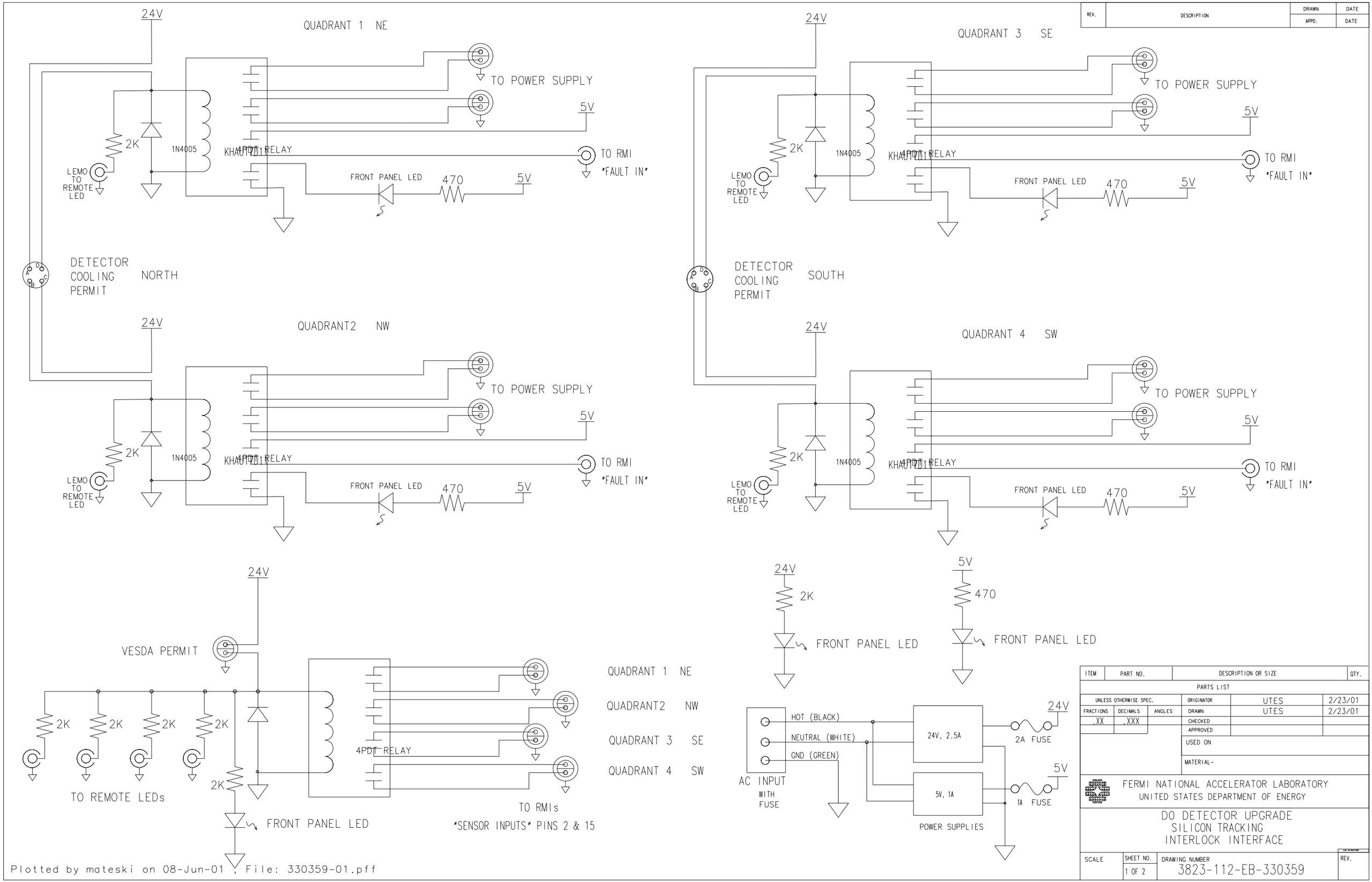
REV.
DESCRIPTION
DRAWN
DATE
APPD.
DATE
24V
QUADRANT 1 NE
TO POWER SUPPLY
5V
2K
1N4005
KHAU7D1
4PDT RELAY
TO RMI
"FAULT IN"
LEMO TO REMOTE LED
FRONT PANEL LED
470
5V
DETECTOR COOLING PERMIT
NORTH
24V
QUADRANT 3 SE
TO POWER SUPPLY
5V
2K
1N4005
KHAU7D1
4PDT RELAY
TO RMI
"FAULT IN"
LEMO TO REMOTE LED
FRONT PANEL LED
470
5V
DETECTOR COOLING PERMIT
SOUTH
24V
QUADRANT2 NW
TO POWER SUPPLY
5V
2K
1N4005
KHAU7D1
4PDT RELAY
TO RMI
"FAULT IN"
LEMO TO REMOTE LED
FRONT PANEL LED
470
5V
24V
QUADRANT 4 SW
TO POWER SUPPLY
5V
2K
1N4005
KHAU7D1
4PDT RELAY
TO RMI
"FAULT IN"
LEMO TO REMOTE LED
FRONT PANEL LED
470
5V
24V
VESDA PERMIT
2K
2K
2K
2K
2K
TO REMOTE LEDs
4PDT RELAY
FRONT PANEL LED
TO RMIs
"SENSOR INPUTS" PINS 2 & 15
QUADRANT 1 NE
QUADRANT2 NW
QUADRANT 3 SE
QUADRANT 4 SW
24V
2K
FRONT PANEL LED
5V
470
FRONT PANEL LED
HOT (BLACK)
NEUTRAL (WHITE)
GND (GREEN)
AC INPUT
WITH FUSE
24V, 2.5A
5V, 1A
POWER SUPPLIES
24V
2A FUSE
5V
1A FUSE
ITEM
PART NO.
DESCRIPTION OR SIZE
QTY.
PARTS LIST
UNLESS OTHERWISE SPEC.
FRACTIONS
DECIMALS
ANGLES
.XX
.XXX
ORIGINATOR
UTES
2/23/01
DRAWN
UTES
2/23/01
CHECKED
APPROVED
USED ON
MATERIAL-
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY
DO DETECTOR UPGRADE
SILICON TRACKING
INTERLOCK INTERFACE
SCALE
SHEET NO.
1 OF 2
DRAWING NUMBER
3823-112-EB-330359
REV.
Plotted by mateski on 08-Jun-01 , File: 330359-01.pff