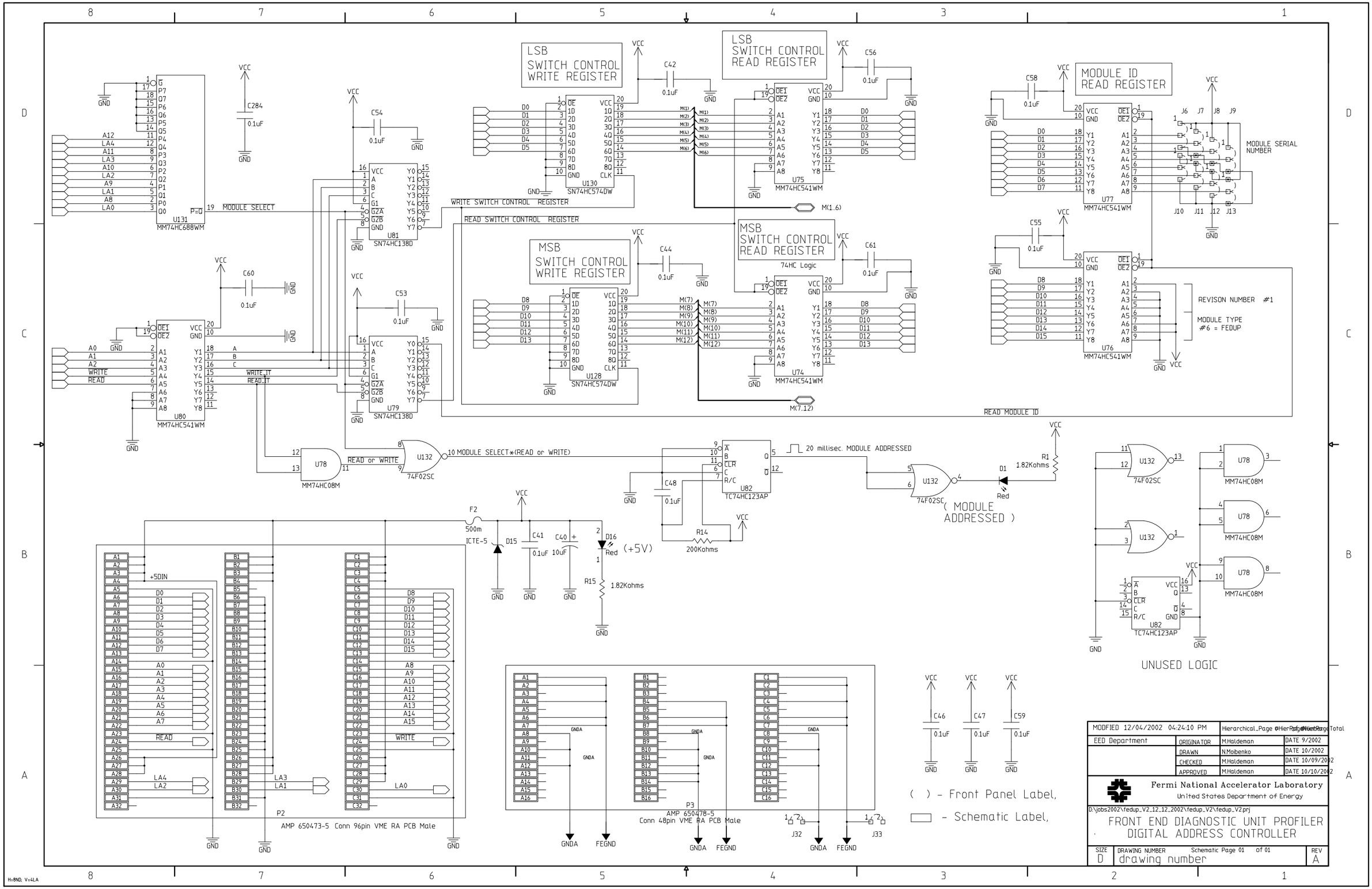
LSB SWITCH CONTROL WRITE REGISTER
LSB SWITCH CONTROL READ REGISTER
MSB SWITCH CONTROL WRITE REGISTER
MSB SWITCH CONTROL READ REGISTER
74HC Logic
MODULE ID READ REGISTER
MODULE SERIAL NUMBER
REVISON NUMBER #1
MODULE TYPE #6 = FEDUP
U131 MM74HC688WM
U130 SN74HC574DW
U75 MM74HC541WM
U81 SN74HC138D
U80 MM74HC541WM
U128 SN74HC574DW
U74 MM74HC541WM
U79 SN74HC138D
U77 MM74HC541WM
U76 MM74HC541WM
MODULE SELECT
WRITE SWITCH CONTROL REGISTER
READ SWITCH CONTROL REGISTER
M(1..6)
M(7..12)
READ MODULE ID
WRITE_IT
READ_IT
U78 MM74HC08M
U132 74F02SC
10 MODULE SELECT*(READ or WRITE)
U82 TC74HC123AP
20 millisec. MODULE ADDRESSED
(MODULE ADDRESSED)
R1 1.82Kohms
D1 Red
F2 500m
ICTE-5
D15
D16 Red
(+5V)
R14 200Kohms
R15 1.82Kohms
+5DIN
P2
AMP 650473-5 Conn 96pin VME RA PCB Male
P3
AMP 650478-5
Conn 48pin VME RA PCB Male
J32
J33
GNDA
FEGND
UNUSED LOGIC
( ) - Front Panel Label,
- Schematic Label,
MODIFIED 12/04/2002 04:24:10 PM
EED Department
ORIGINATOR M.Haldeman DATE 9/2002
DRAWN N.Moibenko DATE 10/2002
CHECKED M.Haldeman DATE 10/09/2002
APPROVED M.Haldeman DATE 10/10/2002
Fermi National Accelerator Laboratory
United States Department of Energy
D:\jobs2002\fedup_V2_12_12_2002\fedup_V2\fedup_V2.prj
FRONT END DIAGNOSTIC UNIT PROFILER
DIGITAL ADDRESS CONTROLLER
SIZE D
DRAWING NUMBER drawing number
Schematic Page 01 of 01
REV A