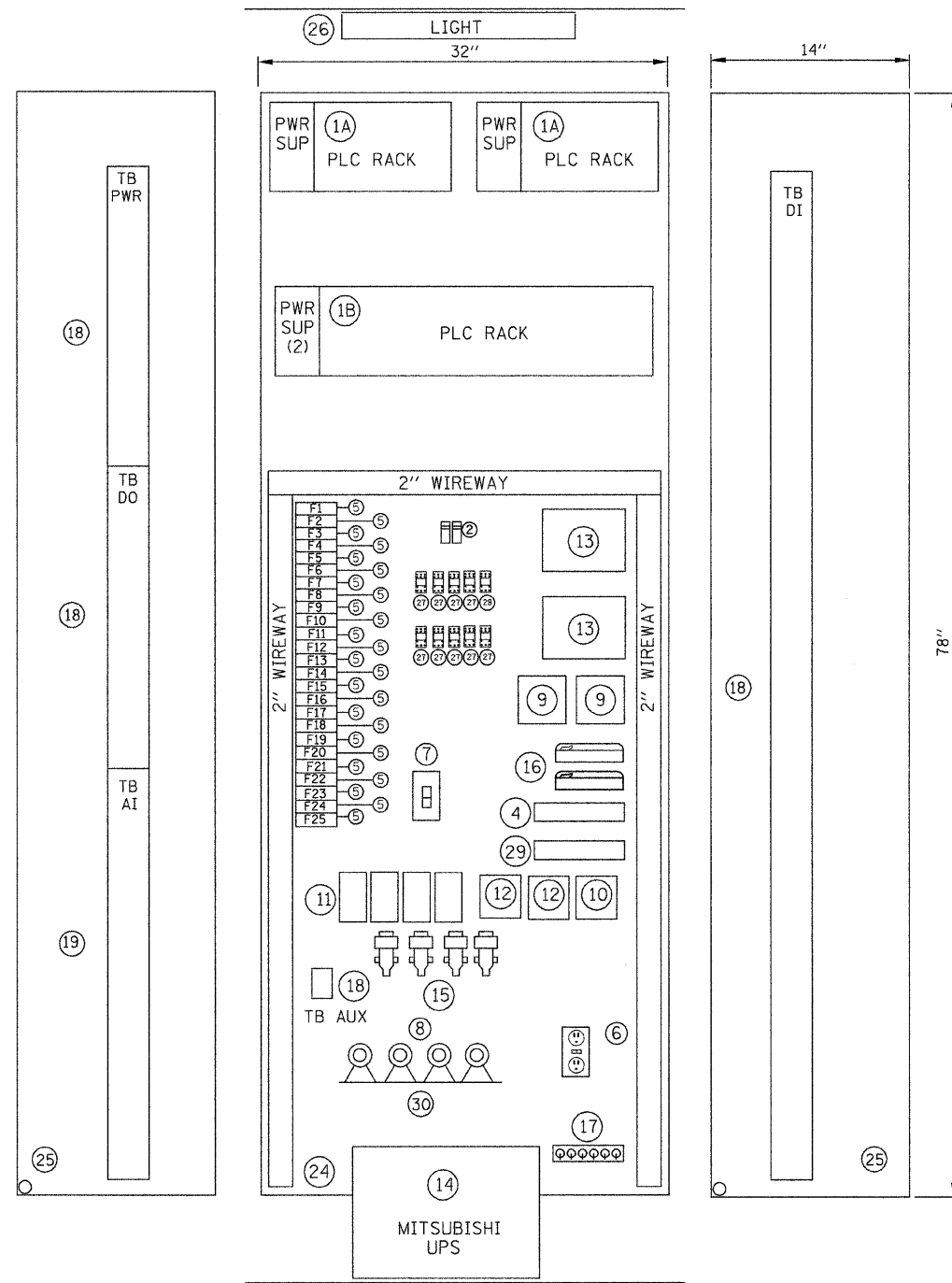


SCADA PANEL - FRONT VIEW

SIDE VIEW



LEFT SIDE

INSIDE PANEL ENCLOSURE

RIGHT SIDE

BILL OF MATERIALS

- DESCRIPTION
- 1A. PROCESSOR RACKS
 - A. 1756-A4 4-SLOT PLC RACK
 - B. 1756-PA75R POWER SUPPLY
 - C. 1756-ENBT ETHERNET CARD
 - D. 1756-L63 CONTROLLER
 - E. 1756-RM REDUNDANCY MODULE
 - F. 1756-CN2R CONTROLNET MODULE
- 1B. INPUT/OUTPUT RACK
 - A. 1756-A17 17-SLOT PLC RACK
 - B. 1756-PA75R REDUNDANT POWER SUPPLIES (2)
 - C. 1756-PSCA POWER SUPPLY ADAPTER
 - D. 1756-CNBR CONTROL NET MODULE
 - E. 1756-IA16 DIGITAL INPUT
 - F. MV156E-MNET MODBUS TCP/IP MODULE
 - G. 1756-OW16I DIGITAL OUTPUT
 - H. 1756-IF8 ANALOG INPUT
- 2. BREAKER
- 3. NOT USED
- 4. N-TRON 516TX-A ETHERNET SWITCH, QUANTITY 2. INSTALL ONE UNIT IN 027-SP-1. FURNISH SECOND UNIT LOOSE FOR INSTALLATION IN 5KV MOTOR STARTER LINEUP
- 5. FUSE
- 6. GFCI OUTLET, 125V, 20A, IN HANDY BOX
- 7. LIGHT SWITCH, 125V, 20A, IN HANDY BOX
- 8. GAST COMPRESSOR, MOA-P101-CA
- 9. CROMPTON CURRENT TRANSDUCER, 256-TALU-LSHG-C5-AM
- 10. DITEK MRJ11SCP-RUV PHONE LINE SUPPRESSOR
- 11. MOORE INDUSTRIES PRESSURE TRANSDUCER PIT 3-27PSIG 4-20MA 12-28VDC ISB-DIN
- 12. POWER INTEGRITY SURGE SUPPRESSOR, ZTAS-03-15-0
- 13. SOLA 12 VOLT DC POWER SUPPLY, SFL6-12-100
- 14. MITSUBISHI UPS, 120 VAC, 1 KV A, DOUBLE CONVERSION TYPE, 7011A
- 15. ASCO SOLENOID VALVE, 8360G77
- 16. US ROBOTICS 56K MODEM, 5686
- 17. GROUND BUS
- 18. TERMINAL BLOCKS, 300 V, SCREW TYPE
- 19. TERMINAL BLOCKS, 300 V, FUSE HOLDER, SCREW TYPE
- 20. PLC DISPLAY, AB PANEL VIEW PLUS 1250
- 21. OILTIGHT PUSH BUTTON WITH NAMEPLATE, AB 800T-A2A
- 22. OILTIGHT LOCKING PUSH BUTTON WITH SHROUD & NAMEPLATE AB 800T-FX6AL
- 23. ENCLOSURE, NEMA 12, FREE STANDING WITH HINGED DOOR AND THREE-POINT LATCH
- 24. BACK PANEL
- 25. SIDE PANEL
- 26. FLOURESCENT LIGHT 120 V, 20 W
- 27. AUXILIARY RELAY, DPDT, 120 V AC COIL
- 28. AUXILIARY RELAY, DPTP, 12 VDC COIL
- 29. MDS 5310 RADIO WITH ANTENNA CABLE AND SURGE SUPPRESSORS
- 30. SEE DETAIL N020 FOR PURGE STATION PIPING AND COMPONENTS



E28

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 27
REHABILITATION
SCADA PANEL
LAYOUT AND DETAILS

SCALE: AS SHOWN

DATE: 04-23-10

DRAWN BY: MS

CHECKED BY: MS