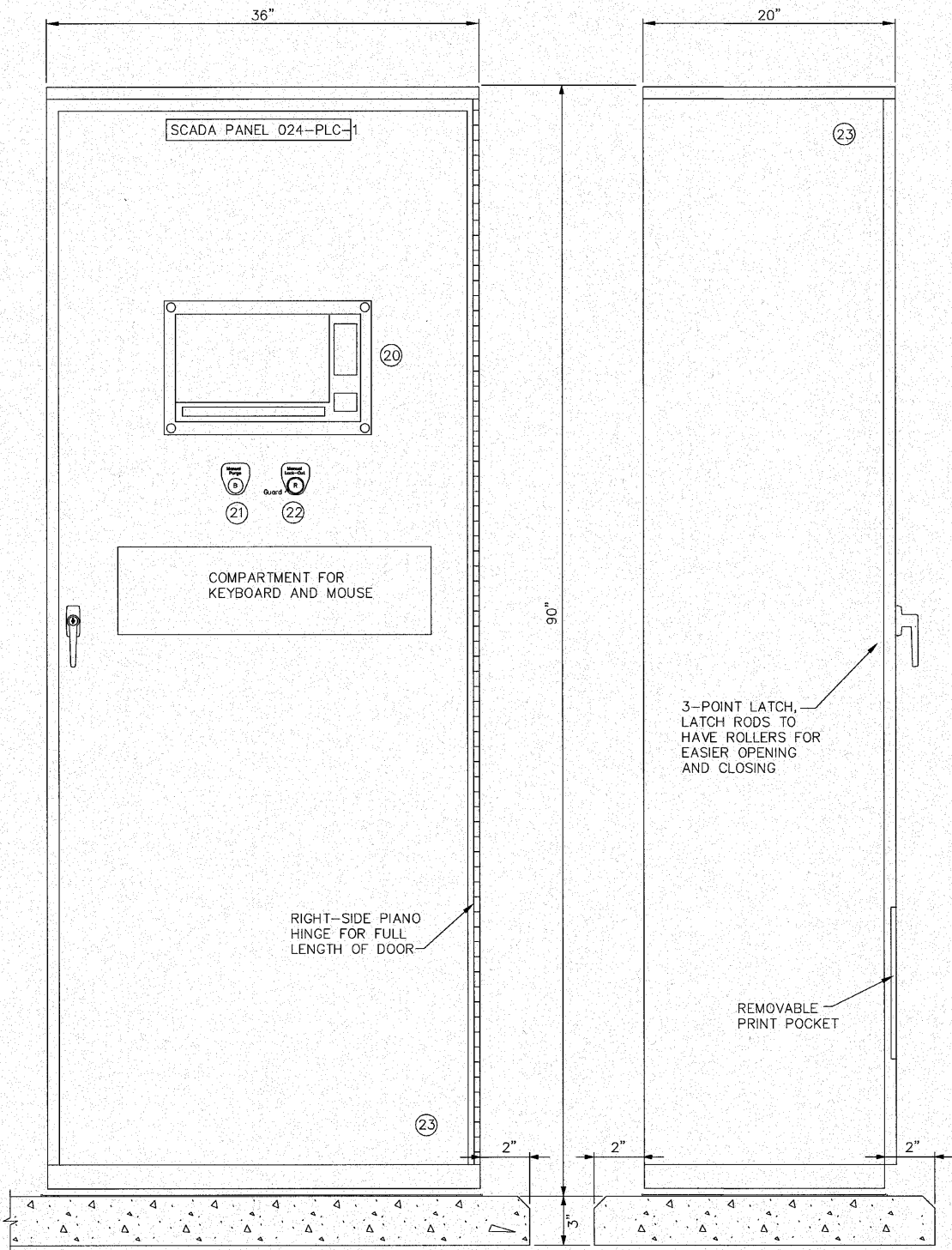


F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	0102.1 S	COOK	107	103
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

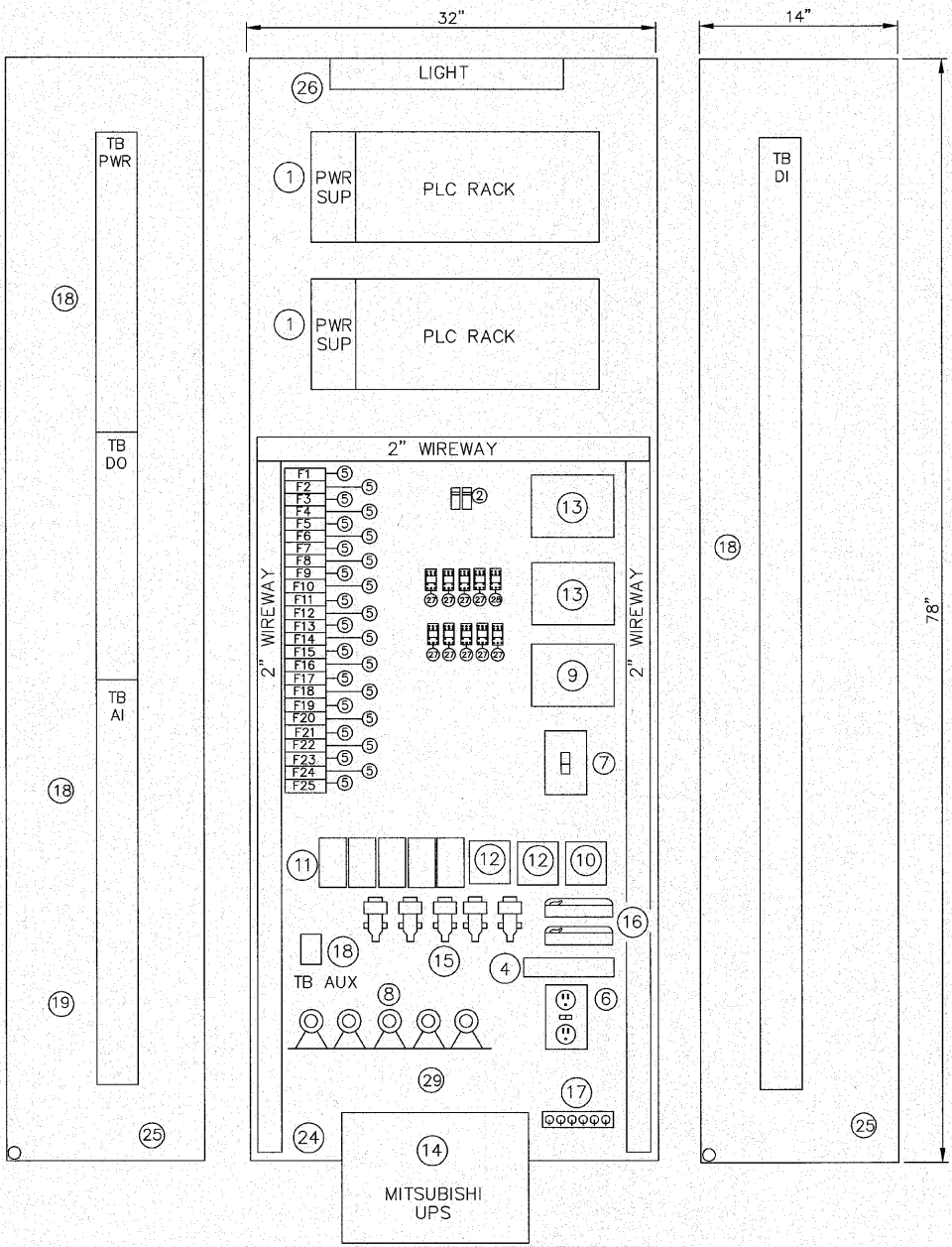
BILL OF MATERIALS

- # DESCRIPTION
1. 1756-A17 17-SLOT PLC RACK
- MODULE TYPE:
- A. 1756L1M3 CONTROLLER
- B. 1756-ENBT ETHERNET CARD
- C. MODBUS COMMUNICATIONS MODULE
- D. 1756- IB16 DIGITAL INPUT
- E. 1756-0W16I DIGITAL OUTPUT
- F. 1756-IF8 ANALOG INPUT
- G. OPEN SLOT
2. BREAKER
3. NOT USED
4. N-TRON 508TX-A ETHERNET SWITCH
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-LSHG0-C6-BC
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 MODEMS, 5686 (ONE LEASE-LINE, ONE DIAL-UP)
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. SEE DETAIL N020 FOR PURGE STATION PIPING AND COMPONENTS



SCADA PANEL - FRONT VIEW

SIDE VIEW



LEFT SIDE

INSIDE PANEL ENCLOSURE

RIGHT SIDE

SCADA PANEL 024-PLC-1

E30

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
PUMP STATION NO. 24	
RELOCATION	
SCADA PANEL	
EQUIPMENT LAYOUT	
SCALE: N/A	DRAWN BY: CRP
DATE: 11-22-10	CHECKED BY: MM