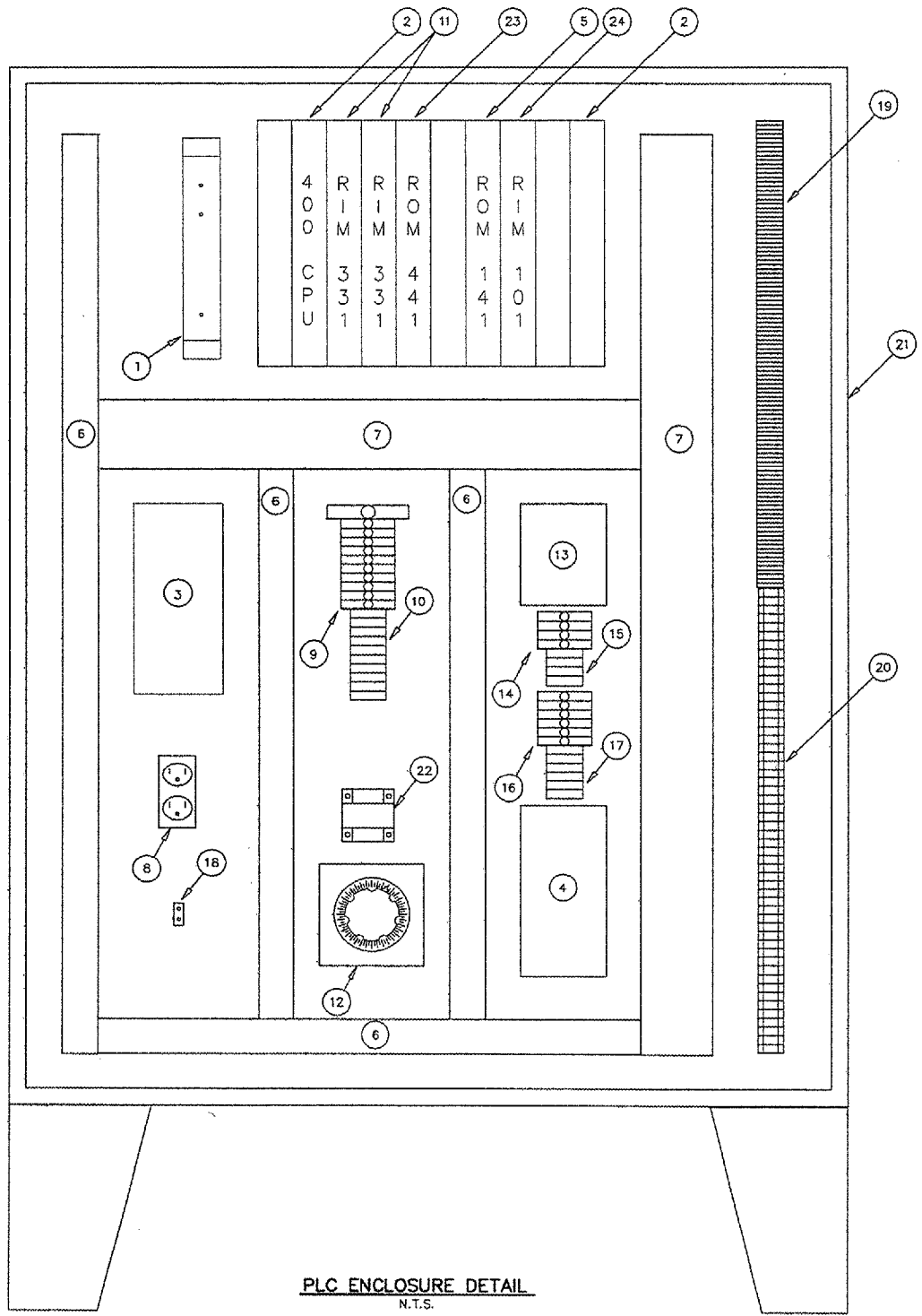
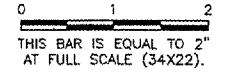


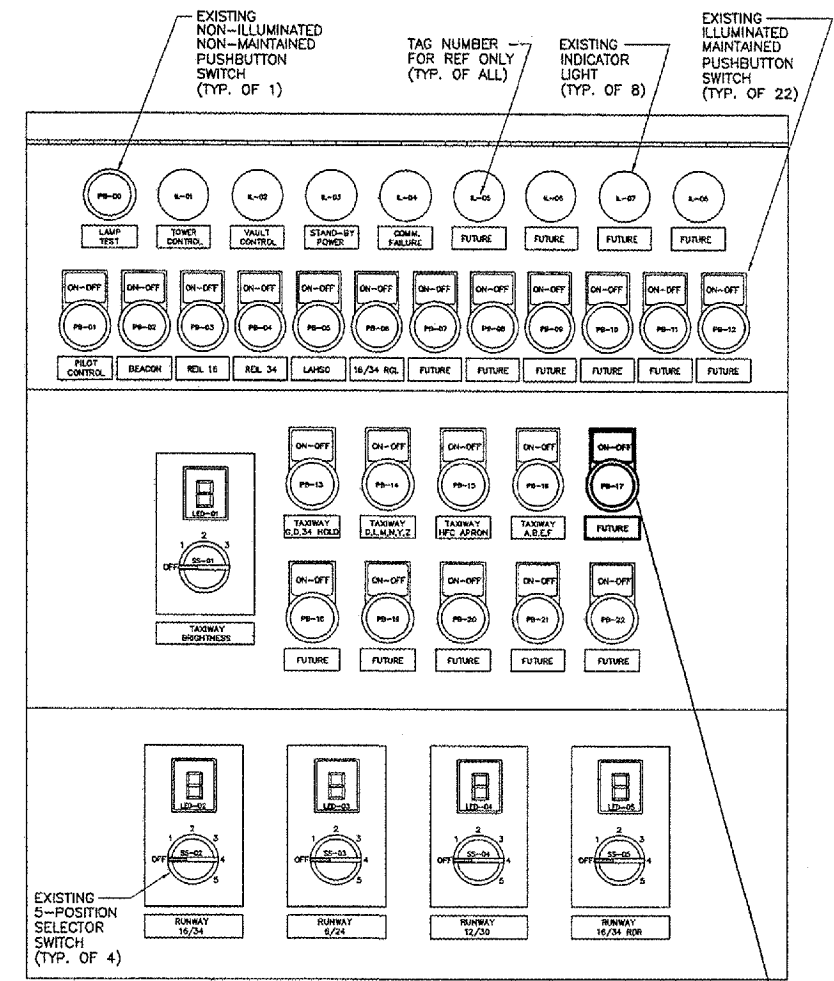
REVISIONS		
NUMBER	BY	DATE



PLC ENCLOSURE DETAIL
 N.T.S.

- LEGEND**
- 1 EXISTING FIBER OPTIC MODEM.
 - 2 EXISTING PROGRAMMABLE LOGIC CONTROLLER (PLC).
 - 3 EXISTING PLC POWER SUPPLY.
 - 4 EXISTING 24VDC POWER SUPPLY.
 - 5 EXISTING SQUARE D. ROM 141, 5VDC. BCD OUTPUT MODULE.
 - 6 EXISTING 4"Hx2"W PLASTIC WIRE DUCT.
 - 7 EXISTING 4"x4" PLASTIC WIRE DUCT.
 - 8 EXISTING CONVENIENCE RECEPTACLE.
 - 9 EXISTING RAIL MTD AC CKT BKRS CB1 - CB11. VALUES SHOWN ON SCHEMATIC.
 - 10 EXISTING NEUTRAL TERMINALS.
 - 11 EXISTING SQUARE D, RIM 331, 24V DC, INPUT MODULE.
 - 12 EXISTING 0-120VAC VARIABLE XFMR, 230VA, MOUNTED IN 6"x6"x4" NEMA 1, SCREW COVER PULL BOX.
 - 13 EXISTING 5VDC POWER SUPPLY, 2.5A MINIMUM.
 - 14 EXISTING RAIL MTD 5VDC CKT BKRS, CB31 - CB34.
 - 15 EXISTING 5VDC COMMON TERMINALS.
 - 16 EXISTING RAIL MTD 24VDC CKT BKRS, CB21 - CB26.
 - 17 EXISTING 24VDC COMMON TERMINALS.
 - 18 EXISTING GROUND LUG.
 - 19 EXISTING HIGH DENSITY, 600V TERMINAL BLOCKS, TUBULAR SCREW TYPE WITH PRESSURE PLATE.
 - 20 EXISTING SINGLE POLE PLUG IN RELAYS OR RELAY TYPE TERMINAL BLOCKS. 24VDC COILS, 10A RATED CONTACTS.
 - 21 EXISTING ENCLOSURE, 60"Hx48"Wx12"D. NEMA 12, WITH BACK PANEL.
 - 22 EXISTING 120/6VAC, 50VA TRANSFORMER
 - 23 EXISTING SQUARE D, ROM 441, 24V DC, OUTPUT MODULE.
 - 24 EXISTING SQUARE D, RIM 101, 24V DC, INPUT MODULE.

- NOTES:**
- CONTRACTOR SHALL COORDINATE ALL WORK IN THE EXISTING CONTROL TOWER WITH THE AIRWAYS FACILITIES AND THE RESIDENT ENGINEER. CONTRACTOR SHALL GIVE A MINIMUM OF 2 DAYS NOTICE PRIOR TO BEGINNING WORK IN THE TOWER.
 - PROPOSED WORK OF ITEMS BEING MODIFIED ARE SHOWN IN BOLD. ALL OTHER ITEMS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY.
 - MODIFY EXISTING PLC LOGIC TO ADD PROPOSED 3-STEP REGULATOR.



PROPOSED L-821 CONTROL PANEL MODIFICATIONS
 NOT TO SCALE

EXISTING PUSHBUTTON SWITCH TO BE USED AS "TAXIWAY K" SWITCH. REPLACE LABEL TO READ "TAXIWAY K". LABEL SHALL MATCH EXISTING LABELS.

**PALWAUKEE MUNICIPAL AIRPORT
 WHEELING/PROSPECT HEIGHTS, ILLINOIS
 CONSTRUCT TAXIWAY CHARLIE AND EAST QUADRANT APRON
 TOWER CONTROL DETAILS I**

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DESIGN BY:	AB
DRAWN BY:	JP
CHECKED BY:	AB
APPROVED BY:	AB
DATE:	06/24/05
JOB No:	04290-03
ILLINOIS PROJECT: PWK-3481 A.I.P. PROJECT: 3-17-001S-BXX	
SHEET 31 OF 38 SHEETS	