

RTU PANEL NOTES

- 1

PROGRAMMABLE CONTROLLER.
- 2

RADIO TRANSCEIVER.
- 3

TRANSIENT VOLTAGE SURGE SUPPRESSOR. EDCO # HSP121BT-1RU OR APPROVED EQUAL.
- 4

24VDC POWER SUPPLY. SOLA #3LS-24-048T OR APPROVED EQUAL.
- 5

DIN RAIL MOUNTED ACCESSORIES, TO INCLUDE FUSED TERMINALS, ISOLATING SWITCHES, INTERPOSING RELAYS, ETC.
- 6

HEATER. HOFFMAN #D-AH2001A OR APPROVED EQUAL.
- 7

GFI TYPW DUPLEX RECEPTACLE IN HANDY BOX.
- 8

PLASTIC WIREWAY WITH SNAP-IN COVER.
- 9

MOUNTING BACK PANEL.
- 10

500VA, 20 MINUTES, MINI-UPS.
- 11

NEMA 4X 316 S.S. INDUSTRIAL ENCLOSURE (OUTDOORS); NEMA 12 PAINTED STEEL INDUSTRIAL ENCLOSURE (INDOORS).
- 12

ENGRAVED LAMINATE NAMEPLATE.
- 13

PADLOCK HASP AND STAPLE.
- 14

FRONT COVER HANDLE (INDOOR MODEL ONLY).
- 15

HINGE.
- 16

DOOR CLAMPING HARDWARE (OUTDOOR MODEL ONLY).
- 17

MOUNTING BRACKETS.
- 18

TOGGLE SWITCH POWER DISCONNECT.
- 19

COMMUNICATION CARD FOR RADIO TRANSCEIVER.
- 20

COMMUNICATION CARD FOR RS232 AND MODBUS/DH485.
- 21

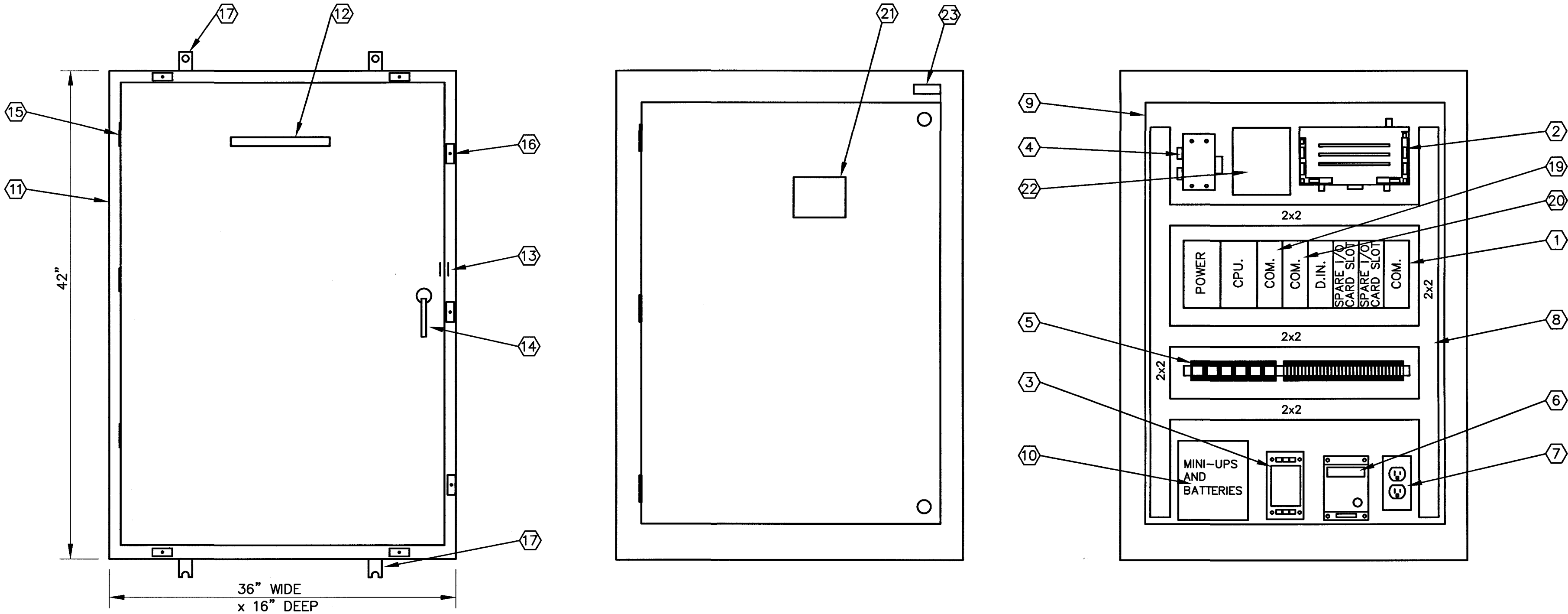
TOUCHSCREEN PANELVIEW DISPLAY AND OPERATOR INTERFACE.
- 22

RADIO MODEM.
- 23

DOOR SECURITY LIMIT SWITCH.
- 24

PROGRAM PLC TO CALCULATE LOW AND HIGH LEVEL ALARMS.
- 25

PROGRAM PLC TO INDICATE REAL-TIME WATER LEVELS ON SCADA SYSTEM.



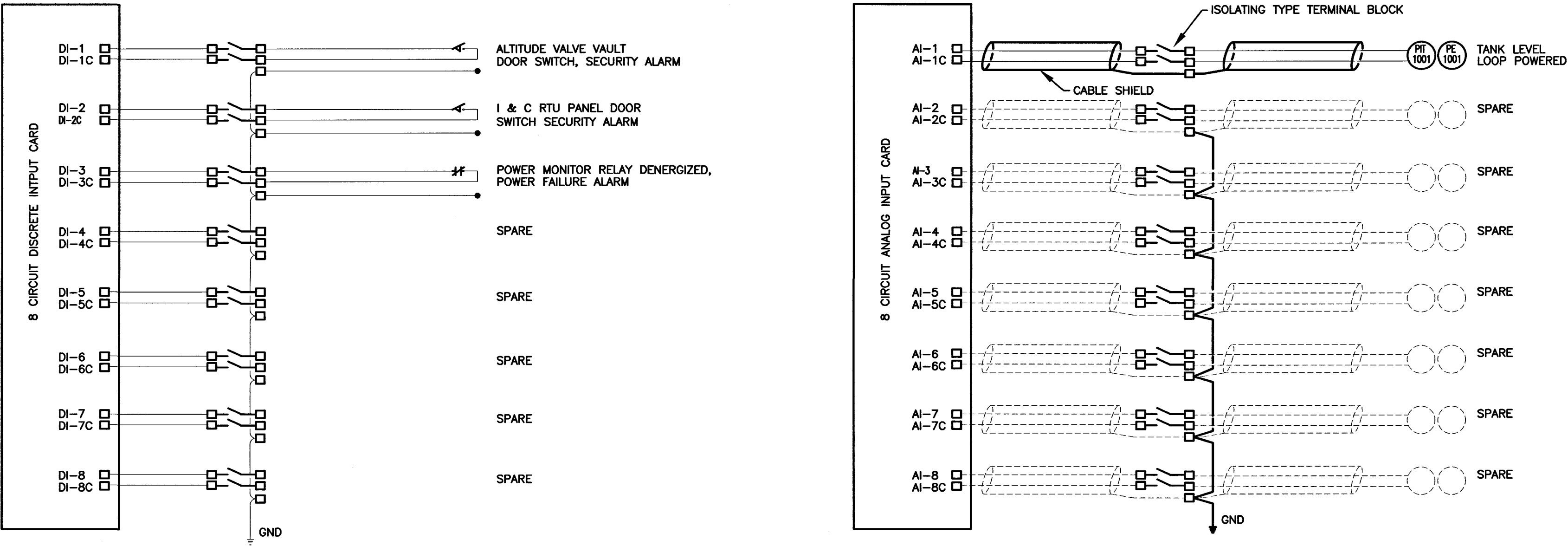
EXTERIOR PANEL LAYOUT

INTERIOR SWING-OUT PANEL LAYOUT

INTERIOR PANEL LAYOUT

REMOTE TELEMETRY UNIT PANEL

NO SCALE



INSTRUMENT I/O SCHEMATIC NO. 2

NO SCALE

INSTRUMENT I/O SCHEMATIC NO. 1

NO SCALE

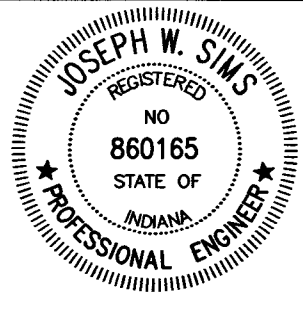
NOTES:

**SEE EFI O&M MANUALS FOR REVISIONS.

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NO.	DESCRIPTION	DATE	BY
1	AS-BUILT REVISION	5/2004	GCR
REVISIONS			

HOOSIER HILLS REGIONAL WATER DISTRICT DIVISION "F" WATERWORKS SYSTEM IMPROVEMENTS CONTRACT F-2	
TYPICAL WATER STORAGE TANK RTU PANEL DETAILS	
GRW PROJECT NO. 2745	JWSA PROJECT NO. 2001-05



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