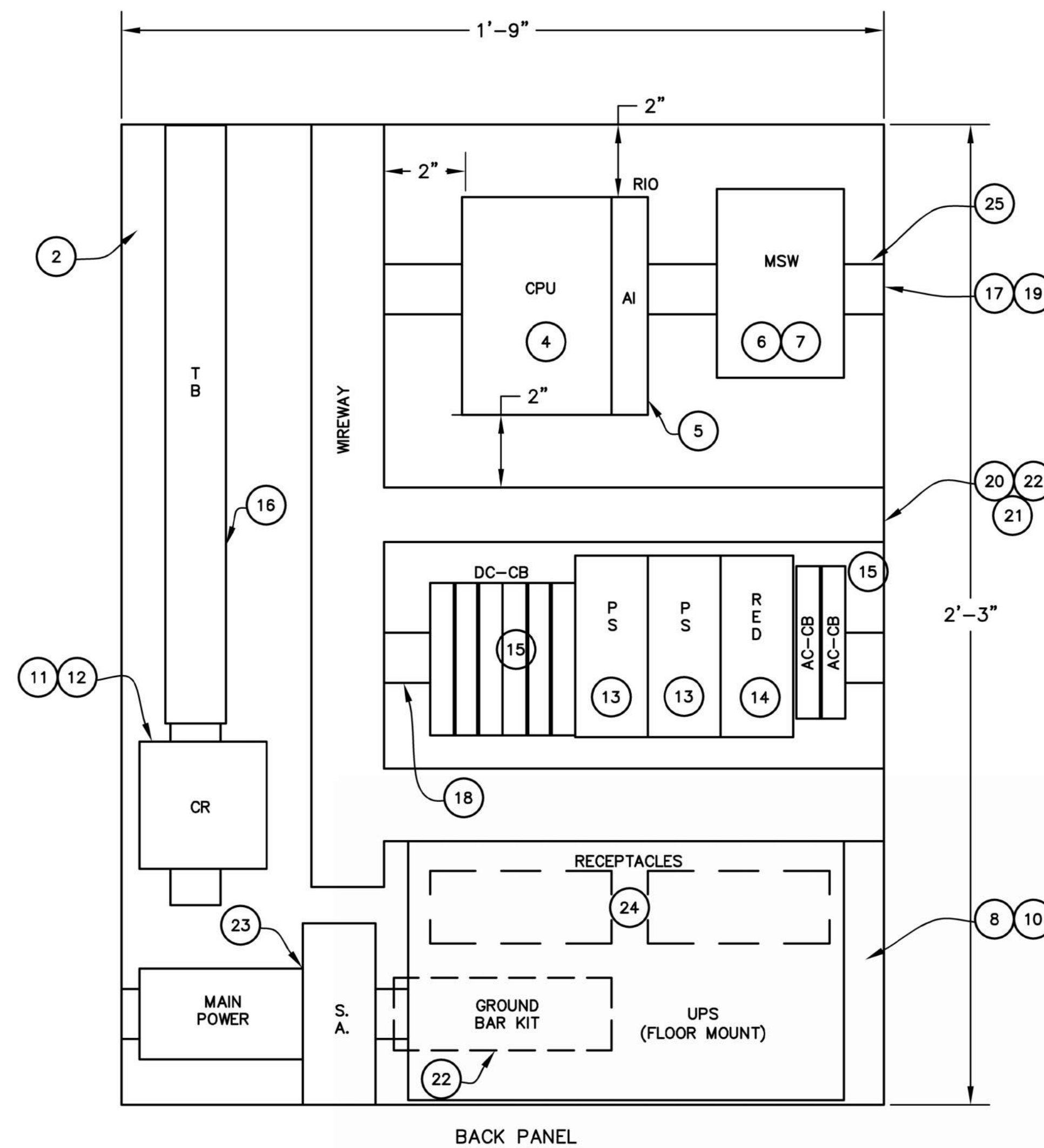
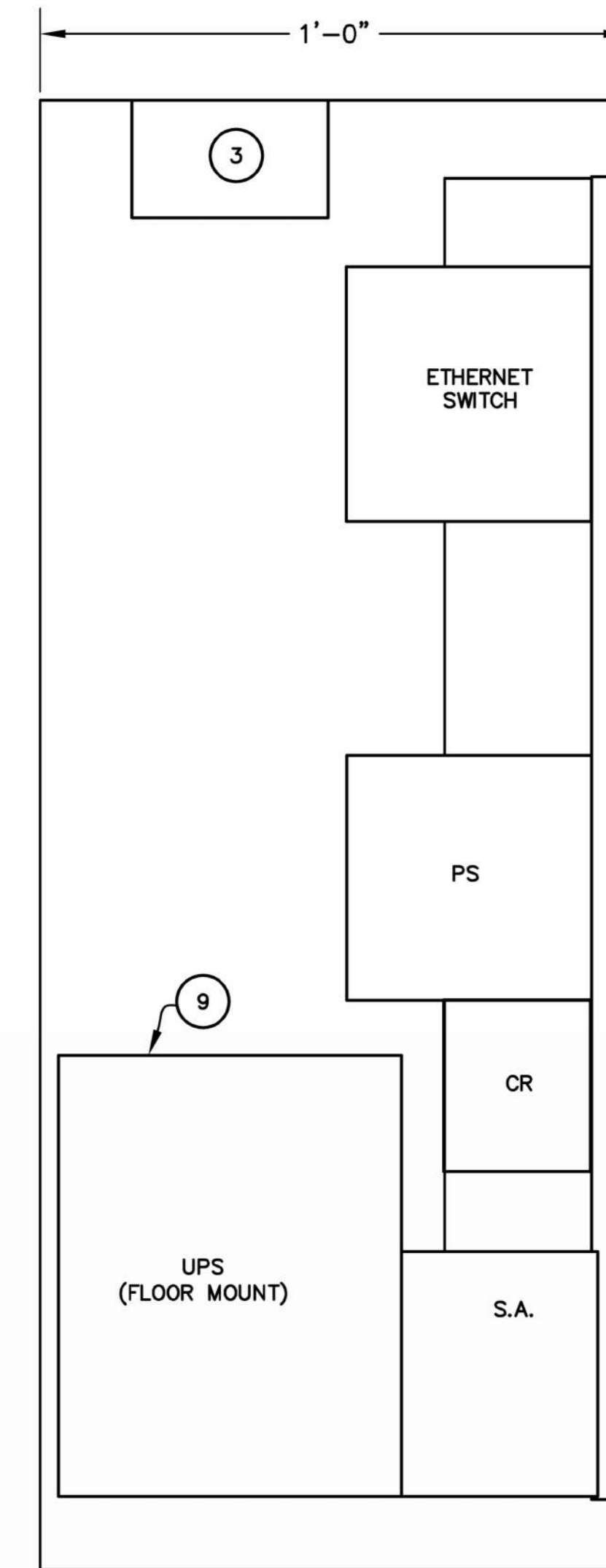


FRONT PANEL EXTERIOR



BACK PANEL



SIDE VIEW

BILL OF MATERIALS — PLC CONTROL PANEL

ITEM	QUANTITY	PART NUMBER	MANUFACTURER	DESCRIPTION / REQUIREMENTS / OPTIONS (REF TECH SPECIFICATIONS)	OR EQUAL
1	1	SCE-30EL2412LP	SCE / HOFFMAN	NEMA 4X ENCLOSURE	YES
2	1	SCE-42P30	SCE / HOFFMAN	ENCLOSURE BACKPANEL	YES
3	1	SCE-LF24	SCE / HOFFMAN	LED PANEL LIGHT W/ OUTLET	YES
4	1	CPU 1769-L16R-BB1B	ALLEN-BRADLEY	CONTROLLER, DUAL ETHERNET PORTS, 6 EXPANSION I/O, 1GB SD CARD	YES
5	AS REQ.	AI-1734-IE8C	ALLEN-BRADLEY	ANALOG INPUT (AI) 8 CHANNEL-0/10, 0/5VDC, 1-20MA	YES
6	1	1783-BMS06SA	ALLEN-BRADLEY	MANAGED SWITCH 6 PORT, 4 COPPER (RJ45) AND 2 SFP	YES
7	2	1783-SFP100FX	ALLEN-BRADLEY	MULTIMODE 100 MBS SFP MODULE	YES
8	1	1609-B600N	ALLEN-BRADLEY	INDUSTRIAL UPS 600 VA	YES
9	2	1609-SBAT	ALLEN-BRADLEY	UPS BATTERIES	YES
10	1	1609-BRK	ALLEN-BRADLEY	UPS MOUNTING BRACKET	YES
11	AS REQ.	700-HKX6Z24-4	ALLEN-BRADLEY	CONTROL RELAYS- 24VDC SPDT 16A CONTACT	YES
12	AS REQ.	700-HN121	ALLEN-BRADLEY	RELAY SOCKET - 1 POLE SPDT 10 A	YES
13	2	SDN 5-24-100C	SOLA HEVI-DUTY	120VAC IN / 24VDC POWER SUPPLY WITH 120W OUTPUT	YES
14	1	SDN 2.5-20RED	SOLA HEVI-DUTY	REDUNDANCY MODULE-(2) 24VDC INPUT, 1 OUTPUT, ALARM CONTACT	YES
15	AS REQ.	FAZ C1 TO C15	EATON	CIRCUIT BREAKERS FAZ SERIES 1-SP (1-15A)	YES
16	AS REQ.	*	*	TERMINAL BLOCK AND SURGE PROTECTION DEVICE	YES
17	AS REQ.	08 01 73 3	PHOENIX CONTACT	MOUNTING RAIL	YES
18	AS REQ.	08 00 8B 6	PHOENIX CONTACT	DIN RAIL ANCHOR	YES
19	AS REQ.	12 06 56 0	PHOENIX CONTACT	RAIL END CAP	YES
20	AS REQ.	C2LG6 OR C1.5LG6	PANDUIT	WIRE DUCT COVER	YES
21	AS REQ.	F2X3LG6 OR F1.5X3LG6	PANDUIT	WIRE DUCT	YES
22	1	PK7GTA	SQUARE D	SMALL GROUND BAR KIT	YES
23	1	ADPH12010	CUTLER-HAMMER	SURGE ARRESTER	YES
24	2	*	PHOENIX CONTACT	UPS RECEPTACLE/RECEPTACLE	YES
25	1	PS-QS-2x10-F	PROSOFT	BACNET TO ETHERNETIP PROTOCOL CONVERTER	YES

* Reference Specifications



FINAL CONSTRUCTION DOCUMENTS

A/E FIRM PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE. SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE. HDR DENVER, CO.	DESIGNED: B. CASSITY DRAWN BY: N. LYNCH TECH. REVIEW: DATE:	SUB SHEET NO. Y4-01	TITLE OF SHEET SCADA CONTROL PANEL BUCKSTAFF BATHHOUSE HVAC HOT SPRINGS NATIONAL PARK HOT SPRINGS, AK	DRAWING NO. PMIS/PKG NO. 177425 SHEET 53 OF 60
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