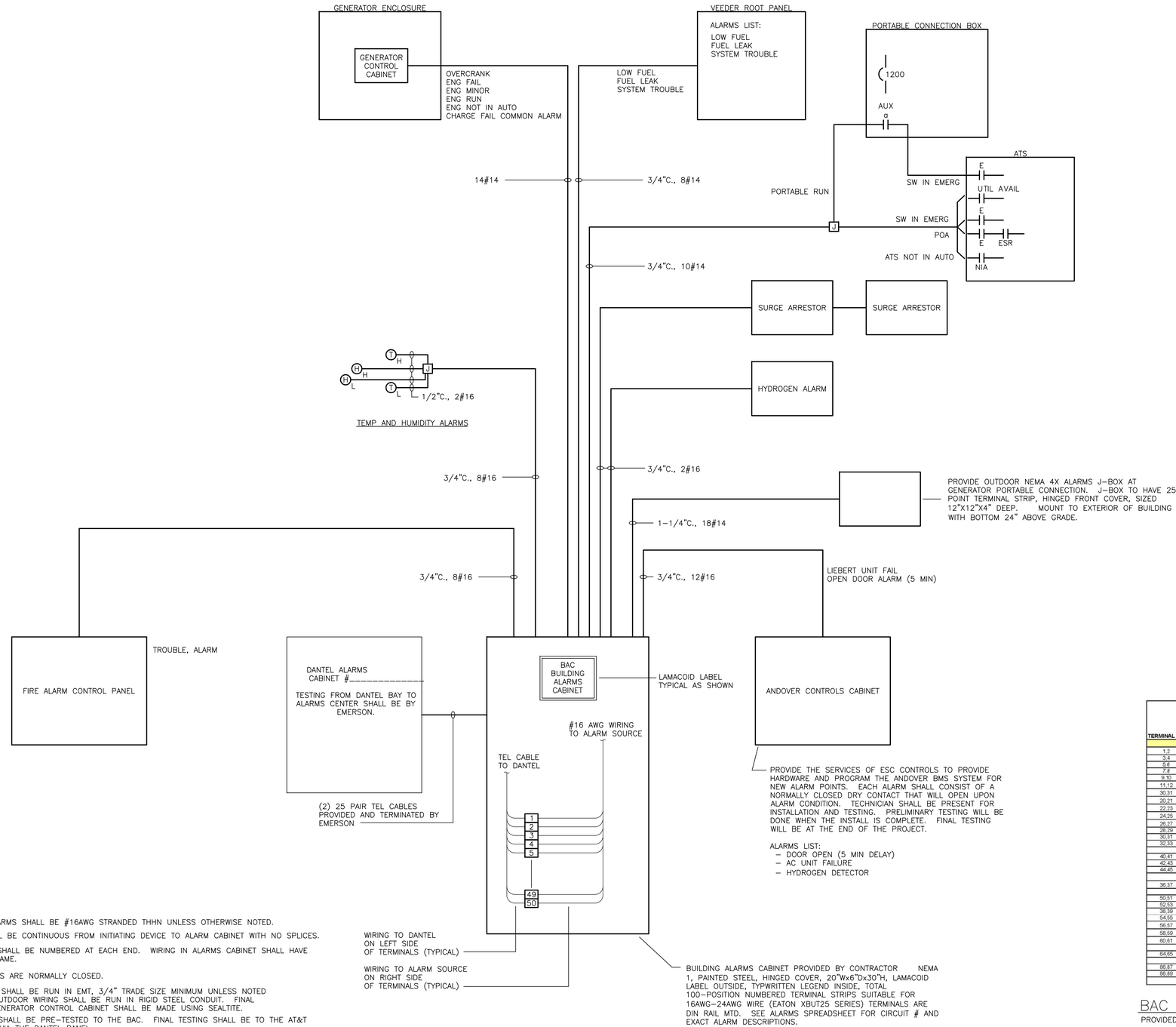

NOTES:

1. ALL WIRING FOR ALARMS SHALL BE #16AWG STRANDED THHN UNLESS OTHERWISE NOTED.
2. ALARM WIRING SHALL BE CONTINUOUS FROM INITIATING DEVICE TO ALARM CABINET WITH NO SPLICES.
3. ALL ALARM WIRING SHALL BE NUMBERED AT EACH END. WIRING IN ALARMS CABINET SHALL HAVE TAGS WITH ALARM NAME.
4. ALL ALARM CONTACTS ARE NORMALLY CLOSED.
5. ALL INDOOR WIRING SHALL BE RUN IN EMT, 3/4" TRADE SIZE MINIMUM UNLESS NOTED OTHERWISE. ANY OUTDOOR WIRING SHALL BE RUN IN RIGID STEEL CONDUIT. FINAL CONNECTIONS TO GENERATOR CONTROL CABINET SHALL BE MADE USING SEALTITE.
6. ALL ALARM POINTS SHALL BE PRE-TESTED TO THE BAC. FINAL TESTING SHALL BE TO THE AT&T REPORTING CENTER VIA THE DANTEL PANEL.

TERMINAL #	ALARM NAME	Deadly 7, Minimum or additional alarms (given eqpt is present at site)	PRIORITY	NE OUTPUT VERBIAGE	NMA CONDITION TYPE: (External Alarm Device Syntax)	Remote Surveillance Center Responding
	ENGINE					
1,2	Engine Charger Malfunction - **Current** - (replaced eng-start-fail-#)	MINIMUM	45	ENGCHRGFL	**eng-chrgfl-1**	P-NRC
3,4	Engine Fail	DEADLY 7	2	ENGFAIL	eng-fail-1	P-NRC
5,6	Engine Minor	MINIMUM	35	ENGMINOR	eng-minor-1	P-NRC
7,8	Engine Not In Auto	ADDITIONAL	45	ENGNOAUTO	eng-not-in-auto-1	P-NRC
9,10	Engine Over-crank	ADDITIONAL	35	OVR_CRANK	eng-overcrank-1	P-NRC
11,12	Engine Run	DEADLY 7	45	ENGINERUN	eng-run-1	P-NRC
30,31	Engine System Proper Operation (ATS Switchgear)	ADDITIONAL	45	SYSPROPOP	swgr-prop-oper-1	P-NRC
20,21	PORTABLE ENGINE - RUN	MINIMUM	45	PORTENGRUN	port_eng-run-1	P-NRC
22,23	PORTABLE ENGINE - FAIL/ALARM	MINIMUM	2	PORTENGFAIL	port_eng-fail-1	P-NRC
24,25	PORTABLE ENGINE - BATTERY CHARGER FAIL	MINIMUM	45	PORTSTARTFAIL	port_eng-chrgfl-1	P-NRC
26,27	PORTABLE ENGINE - FAIL/ALARM MINOR	ADDITIONAL	45	PORTENGFALMN	port_eng-misc-mn-1	P-NRC
28,29	PORTABLE ENGINE - LOW FUEL	ADDITIONAL	45	PORTENGFALMN	port_eng-misc-mn-1	P-NRC
30,31	TRANSFER SWITCH NOT IN AUTO	ADDITIONAL	45	ATS_NIA	eng-ats-txfr-nia-1	P-NRC
32,33	TRANSFER SWITCH EMERGENCY	MINIMUM	45	ATS_EMERG	eng-ats-txfr-emer-1	P-NRC
	FUEL RELATED ALARMS					
40,41	Engine Fuel Leak/Spill	DEADLY 7	2	FUEL_LEAK	eng-fuel-leak-1	P-NRC
42,43	Engine Fuel Low	MINIMUM	35	ENGLOFUEL	eng-fuel-low-1	P-NRC
44,45	Engine Fuel Monitoring System Alarm	MINIMUM	35	FUEL_MON	eng-fuel-mon-sys-1	P-NRC
	MISCELLANEOUS POWER ALARMS					
36,37	AC POWER FAIL	DEADLY 7	10	COMM_AC	pwr-comm-pwr-fail-1	CRE/P-NRC
	BUILDING ALARMS:					
50,51	AIR HANDLER	MINIMUM	20	AIRHNDLR	env-air-hndlr-fail-1	CRE
52,53	EXPLOSIVE GAS	ADDITIONAL	45	EXPL_GAS	env-expl-gas-1	CRE
38,39	SURGE PROTECTOR	MINIMUM	2	SURGPROT	env-surge-protect-1	CRE
54,55	HUMIDITY HIGH - EQUIP ROOM	MINIMUM	35	HI_HUMID	env-humid-hi-2	CRE
56,57	HUMIDITY LOW - EQUIP ROOM	MINIMUM	35	LOW_HUMID	env-humid-low-2	CRE
58,59	TEMPERATURE HIGH - EQUIP ROOM	MINIMUM	35	HI_TEMP	env-hitemp-2	CRE
60,61	TEMPERATURE LOW - EQUIP ROOM	ADDITIONAL	35	LOW_TEMP	env-lwtemp-2	CRE
	DOOR					
64,65	OPEN DOOR	MINIMUM	35	OPEN_DOOR	env-opendoor-1	P-NRC
	FIRE					
86,87	FIRE DETECTION SYS TROUBLE	MINIMUM	5	FIRE_DET	fire-detect-1	CRE
88,89	FIRE (SMOKE) ALARM	MINIMUM	1	FIRE	fire-alarm-1	CRE

BAC PANEL SPREADSHEET

TERMINAL #	ALARM NAME	NMA CONDITION TYPE: (External Alarm Device Syntax)
	ENGINE	
1,2	Engine Charger Malfunction - **Current** - (replaced eng-start-fail-#)	**eng-chrgfl-1**
3,4	Engine Fail	eng-fail-1
5,6	Engine Minor	eng-minor-1
7,8	Engine Not In Auto	eng-not-in-auto-1
9,10	Engine Over-crank	eng-overcrank-1
11,12	Engine Run	eng-run-1
30,31	Engine System Proper Operation (ATS Switchgear)	swgr-prop-oper-1
20,21	PORTABLE ENGINE - RUN	port_eng-run-1
22,23	PORTABLE ENGINE - FAIL/ALARM	port_eng-fail-1
24,25	PORTABLE ENGINE - BATTERY CHARGER FAIL	port_eng-chrgfl-1
26,27	PORTABLE ENGINE - FAIL/ALARM MINOR	port_eng-misc-mn-1
28,29	PORTABLE ENGINE - LOW FUEL	port_eng-misc-mn-1
30,31	TRANSFER SWITCH NOT IN AUTO	eng-ats-txfr-nia-1
32,33	TRANSFER SWITCH EMERGENCY	eng-ats-txfr-emer-1
	FUEL RELATED ALARMS	
40,41	Engine Fuel Leak/Spill	eng-fuel-leak-1
42,43	Engine Fuel Low	eng-fuel-low-1
44,45	Engine Fuel Monitoring System Alarm	eng-fuel-mon-sys-1
	MISCELLANEOUS POWER ALARMS	
36,37	AC POWER FAIL	pwr-comm-pwr-fail-1
	BUILDING ALARMS:	
50,51	AIR HANDLER	env-air-hndlr-fail-1
52,53	EXPLOSIVE GAS	env-expl-gas-1
38,39	SURGE PROTECTOR	env-surge-protect-1
54,55	HUMIDITY HIGH - EQUIP ROOM	env-humid-hi-2
56,57	HUMIDITY LOW - EQUIP ROOM	env-humid-low-2
58,59	TEMPERATURE HIGH - EQUIP ROOM	env-hitemp-2
60,61	TEMPERATURE LOW - EQUIP ROOM	env-lwtemp-2
	DOOR	
64,65	OPEN DOOR	env-opendoor-1
	FIRE	
86,87	FIRE DETECTION SYS TROUBLE	fire-detect-1
88,89	FIRE (SMOKE) ALARM	fire-alarm-1

BAC PANEL CARD CONFIGURATION

PROVIDED BY ELECTRICIAN, FILL OUT FOR ALL ALARMS PER SPREADSHEET

CONSTRUCTION DOCUMENT SUBMISSION (BID SET)

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2015.01.083

REVISIONS / AUTHORIZATIONS

NO.	REVISIONS / AUTHORIZATIONS	DATE
	BID SET	08/30/17

PROPRIETARY AT&T INFORMATION

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THIS INFORMATION MAY ONLY BE USED BY AUTHORIZED PERSONNEL OF THE LOCAL GOVERNMENT AGENCY IN CONNECTION WITH APPLICATION FOR PERMITS AND AUTHORIZATIONS FOR BUILDINGS, CONSTRUCTION, AND/ OR ZONING CHANGES.

DRAWINGS PREPARED FOR
AT&T CORPORATE REAL ESTATE

PROJECT TITLE:

TELECOMMUNICATIONS HUT

UNION STATION PLAZA
240-280 SAINT JOHN ST
PORTLAND

PTLFME01 Archoid AAB7WI

SHEET TITLE:

ELECTRICAL ALARMS DETAILS

AT&T PROJECT NUMBER:	DATE: 08/30/2017	SCALE: AS NOTED
E15823	DRAWN BY: JAP	CHECKED BY: SJM
AT&T AUTHORIZATION:	SHEET: 12 OF: 15 SHEETS	SHEET NO.
GREGG MIRANDO	AT&T DRAWING NO.:	E803