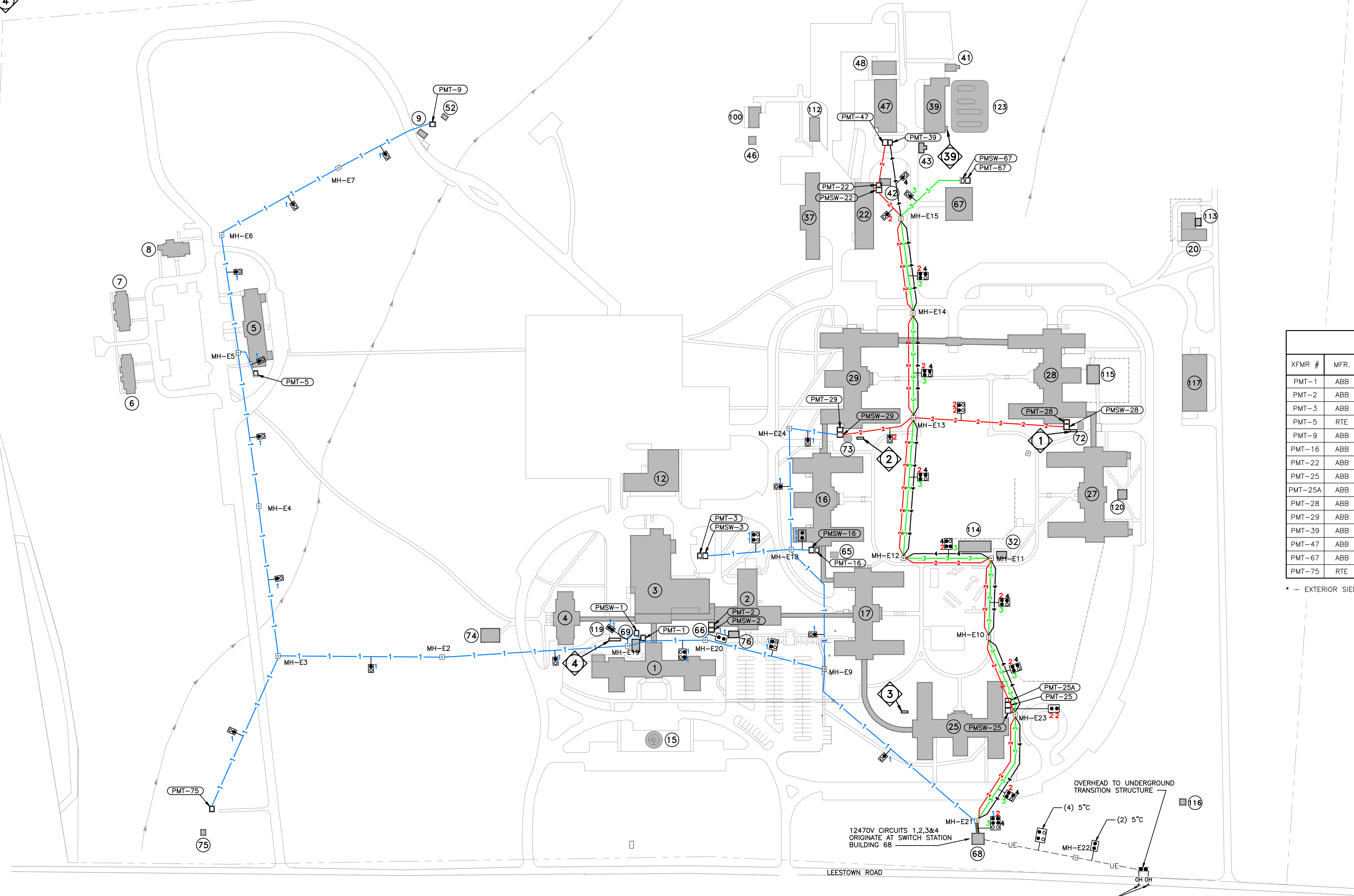


ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	ELECTRIC MANHOLE, NUMBER IDENTIFIES MANHOLE
	UNDERGROUND DUCT BANK WITH 12470V CIRCUITS 1 THRU 4
	UNDERGROUND DUCT BANK CONFIGURATION, CIRCLES INDICATE NUMBER OF CONDUITS. CONDUITS ARE 4 INCH UNLESS NOTED OTHERWISE. SOLID CONDUITS INCLUDE 12470V CIRCUIT CONDUCTORS. CLEAR CONDUITS ARE SPARE. NUMBERS/COLORS INDICATE 12470V CIRCUIT IN DUCT. (CIRCUIT PLACEMENT AND CONFIGURATION IS DIAGRAMMATIC.)
	OVERHEAD 12470V CIRCUIT
	PAD MOUNT TRANSFORMER, NUMBER IDENTIFIES TRANSFORMER
	PAD MOUNT PRIMARY SWITCH, NUMBER IDENTIFIES SWITCH
	TRANSFORMER AND SWITCH INSTALLED ON A COMMON PAD
	EMERGENCY GENERATOR, NUMBER IDENTIFIES GENERATOR

three inches = one foot  
one inch = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
one quarter inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot  
one eighth inch = one foot



ELEVATOR SCHEDULE	
ELEVATOR #	TYPE
1-1	TRACTION
1-2	TRACTION
2-1	HYDRAULIC
2-2	HYDRAULIC
3-1	HYDRAULIC
3-2	HYDRAULIC
3-3	HYDRAULIC
16-1	HYDRAULIC
16-2	HYDRAULIC
17-1	HYDRAULIC
17-2	HYDRAULIC
25-1	HYDRAULIC
25-2	HYDRAULIC
27-1	HYDRAULIC
27-2	HYDRAULIC
28-1	HYDRAULIC
28-2	HYDRAULIC
29-1	HYDRAULIC
29-2	HYDRAULIC

BUILDING SCHEDULE		
BLDG#	BUILDING NAME	DWG. #
1	MAIN ADMINISTRATION & PATIENT CARE	EP002
2	ADMINISTRATION & CANTINE	EP003
3	NUTRITION & FOOD, HUMAN RESOURCES, & GARAGE	EP003
4	AUDITORIUM	EP002
5	VACANT (previous ADMIN & RESEARCH BUILDING)	EP004
6	VACANT (previous DUPLEX QUARTERS)	EP004
7	VACANT (previous DUPLEX QUARTERS)	EP004
8	VACANT (previous DIRECTOR'S RESIDENCE)	EP004
9	SEWAGE PUMP HOUSE	EP004
10	WATER TANK AND TOWER (UNUSED)	
12	WAREHOUSE	EP003
15	FLAGPOLE	
16	PATIENT CARE BUILDING - NHCU	EP005
17	PATIENT CARE BUILDING - OPC MENTAL HEALTH	EP006
20	ELECTRIC SHOP	EP008
22	ADMINISTRATIVE (EMS, ENG)	EP007
25	OUTLEASED AND VACANT PATIENT CARE BUILDING	EP006
27	COMMUNITY LIVING CENTER	EP008
28	VACANT PATIENT CARE BUILDING	EP008
29	PATIENT CARE BUILDING - PRRTF & OUTLEASED	EP009
32	RECREATION STORAGE & PATIENT TOILET	
37	VOC, REHAB. THER. & ENGINEERING STORAGE	EP007
39	BOILER PLANT & INCINERATOR	EP010
41	LOCK SHOP	
42	SOFT WATER STORAGE TANK	
43	WET SALT STORAGE BASIN	
46	FOUNDATIONS MAINTENANCE BUILDING	EP007
47	UTILITY SHOPS	EP010
48	ENGINEERING STORAGE	EP010
49	TELEVISION EQUIPMENT BUILDING	
50	BACKFLOW PREVENTER BUILDING	
52	PATIENTS TOILET	
65	SHED	
66	TRANSFORMER SUBSTATION	
67	CHILLER BUILDING	EP011
68	SWITCHING STATION	EP001
69	SUBSTATION	EP002
72	SHED	
73	SHED	
74	OUTDOOR RECREATION SHELTER	
75	BACKFLOW PREVENTER VALVE STRUCTURE	EP004
76	VA POLICE BIKE PATROL SHOP	
100	M.A.T. TOOLHOUSE	EP007
112	FURNITURE REPAIR SHOP	EP007
113	ELECTRIC SHOP	EP008
114	BLEACHERS	
115	SHELTER, SENIOR CITIZENS PARK	
116	GAS METER HOUSE	
117	METAL STORAGE BUILDING	
119	OXYGEN STORAGE PAD	
120	PATIENTS RECREATION SHELTER	
123	OIL STORAGE TANKS	

TRANSFORMER SCHEDULE

XFMR #	MFR.	MFG. DATE	PRL. VOLTAGE	SEC. VOLTAGE	CONN.	KVA	IMP. (%)	STYLE	PRIMARY FUSES	SECONDARY WIRES	NOTES
PMT-1	ABB	1/2011	12,470	208/120	D-Y	750	5.81	ONAN	SMU-20-STD-50E	8 SETS - 600MCM	SEE DWG. EP002
PMT-2	ABB	2/2011	12,470	208/120	D-Y	225	5.04	ONAN	SMU-20-STD-15E	2 SETS - 350MCM	SEE DWG. EP003
PMT-3	ABB	2/2011	12,470	208/120	D-Y	500	5.53	ONAN	SMU-20-STD-40E	5 SETS - 750MCM	SEE DWG. EP003
PMT-5	RTE	UNKNOWN	12,470	208/120	D-Y	500	3.9	ONAN	SMU-20-STD-40E	4 SETS - 500MCM	SEE DWG. EP004
PMT-9	ABB	3/2012	12,470	480/277	D-Y	100	4.95	ONAN	SMU-20-STD-10E	2 SETS - 2 AWG	SEE DWG. EP004
PMT-16	ABB	1/2011	12,470	208/120	D-Y	750	5.84	ONAN	SMU-20-STD-50E	6 SETS - 500MCM	SEE DWG. EP005
PMT-22	ABB	2/2011	12,470	208/120	D-Y	225	5.04	ONAN	SMU-20-STD-15E	2 SETS - 500MCM	SEE DWG. EP007
PMT-25	ABB	2/2011	12,470	208/120	D-Y	300	4.97	ONAN	SMU-20-STD-20E	3 SETS - 500MCM	SEE DWG. EP006
PMT-25A	ABB	2/2011	12,470	480/277	D-Y	75	5.00	ONAN	SMU-20-STD-7E	1 SET - 1/0 AWG	SEE DWG. EP006
PMT-28	ABB	2/2011	12,470	208/120	D-Y	500	5.53	ONAN	SMU-20-STD-40E	5 SETS - 500MCM	SEE DWG. EP008
PMT-29	ABB	2/2011	12,470	208/120	D-Y	500	5.53	ONAN	SMU-20-STD-40E	4 SETS - 600MCM	SEE DWG. EP009
PMT-39	ABB	2/2011	12,470	208/120	D-Y	300	4.97	ONAN	SMU-20-STD-30E	2 SETS - 350MCM	SEE DWG. EP010
PMT-47	ABB	2/2011	12,470	208/120	D-Y	225	5.04	ONAN	SMU-20-STD-15E	2 SETS - 350MCM	SEE DWG. EP010
PMT-67	ABB	2/2011	12,470	480/277	D-Y	2,500	5.37	ONAN	SMU-20-STD-150E	9 SETS - 500MCM	SEE DWG. EP011
PMT-75	RTE	UNKNOWN	12,470	208/120	D-Y	225	3.3	ONAN	SMU-20-STD-15E	2 AWG (1#) *	SEE DWG. EP004

\* - EXTERIOR SIEMENS FUSED DISCONNECT SWITCH WITH (2) 100A FERRAZ-SHAWMUT TRS-100R FUSES

GENERATOR SCHEDULE

GEN. # / BLDGS. SERVED	MFR.	KW	KVA	POWER FACTOR	VOLTAGE	CONFIG.	ATS'S FED	NOTES
1, 2, 3, 4	KOHLER	500	625	0.8	208/120	3# 4W	1ATS/LS (LS) 1ATS/EM (CR) 1ATS/ELEV. 2ATS/LS (LS) 2ATS/EM (CR) 2ATS/ELEV. 3ATS/EM (CR) 3ATS/LS (LS) 3ATS/ELEV. (CR) ATSXR1E (CR)	SEE DWG. EP002 & DWG. EP003
16, 29	KOHLER	230	287.5	0.8	208/120	3# 4W	16ATS/LS (LS) 16ATS/EM (CR) 29ATS/EM (CR) 29ATS/LS (LS)	SEE DWG. EP005 & DWG. EP009
17, 25	KOHLER	230	287.5	0.8	208/120	3# 4W	17ATS/LS (LS) 17ATS/EM (CR) 17ATS/DENTAL (CR) 17ATS/ELEV. 25ATS/EM (CR) 25ATS/LS (LS)	SEE DWG. EP006
27, 28	KOHLER	230	287.5	0.8	208/120	3# 4W	27ATS/LS (CR,LS) 27ATS/ELEV. 28ATS/EM (CR) 28ATS/LS (LS)	SEE DWG. EP008
39	KOHLER	50	63	0.8	208/120	3# 4W	39ATS-1	SEE DWG. EP010

<b>CONSULTANTS:</b>		<b>ARCHITECT/ENGINEERS:</b>		<b>Drawing Title</b> SITE PLAN	<b>Project Title</b> ARC FLASH HAZARD ANALYSIS / SHORT-CIRCUIT / COORDINATION STUDY	<b>Project Number</b> VA249-15-P-0091	<b>Office of Construction and Facilities Management</b>
				<b>Approved Project Director</b>	<b>Location</b> VAMC, LEESTOWN DIVISION, LEXINGTON, KY	<b>Building Number</b>	
					<b>Date</b> 7/14/2015	<b>Checked</b> SG	
					<b>Draw</b> DM	<b>Drawing Number</b> ES101	
<b>Revisions</b>						<b>Dwg. 2 of 14</b>	