NOTES

1) ELECTRICAL CONTRACTOR SHALL FURNISH AND SUPPLY TEMPORARY POWER WHILE SHUTTING DOWN FOR ANY ELECTRICAL REMOVALS.

2) THE ELECTRICAL CONTRACTOR SHALL SHALL FURNISH AND INSTALL ALL LIGHTING PANELS. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND CONDUCTORS FROM THE LIGHTING PANELS TO ALL LOADS.

CONDUIT AND CABLE SCHEDULE

CONDUIT NO.	CONDUIT SIZE	CABLE QTY.	CABLE SIZE	PURPOSE	FROM	VIA	TO	REMARKS
A1.1	2-4"	4EA	600kCM	POWER	UTILITY		MDS	
A1.2	2-4"	4EA	600kCM	POWER	MDS		ATS	
A1.3	1"	8	#12	POWER	UTILITY		METER	
A2.1	4"	4	500kCM	POWER	GENERATOR		ATS	
A2.2	1 1/2"	4	#6	POWER	GENERATOR		LP1	
A2.3	1"	12	#14	CONTROL	GENERATOR		ANNUCIATOR	
A2.4	2-4"	4EA	600kCM	POWER	ATS		MDP	
A2.5	3/4"	6	#14	CONTROL	ATS		ANNUNCIATOR	
A3.1	2"	4	#2	POWER	MDP		LP1	
A3.2	3"	4	4/0	POWER	MDP		LP2	
A3.3	3"	4	600kCM	POWER	MDP		LP3	
A3.4	4"	4	4/0	POWER	MDP		HP1	
A3.5	2"	4	#2	POWER	MDP		HP2	
A4.1	2"	1	FIBER/CBL	COMMUNICATION	PHONE/CABLE UTILITY		FIREWALL	
C1.1	3/4"	4	#12	POWER	HP1		CF-1	
C1.2	3/4"	1	CAT6	CONTROL	CF-1		CF-1 CTRL	
C2.1	3/4"	4	#12	POWER	HP1		CF-2	
C2.2	3/4"	1	CAT6	CONTROL	CF-2		CF-2 CTRL	
C3.1	3/4"	4	#12	POWER	HP1		CF-3	
C3.2	3/4"	1	CAT6	CONTROL	CF-3		CF-3 CTRL	
C4.1	3/4"	4	#12	POWER	HP1		CF-4	
C4.2	3/4"	1	CAT6	CONTROL	CF-4		CF-4 CTRL	
C5.1	3/4"	4	#12	POWER	HP1		CF-5	
C5.2	3/4"	1	CAT6	CONTROL	CF-5		CF-5 CTRL	
C6.1	3/4"	4	#12	POWER	HP1		CF-6	
C6.2	3/4"	1	CAT6	CONTROL	CF-6		CF-6 CTRL	
H1.1	3/4"	4	#12	POWER	HP1		VRF-1-1	
H1.2	3/4"	4	#12	POWER	HP1		VRF-1-2	
H1.3	3/4"	4	#12	POWER	HP1		VRF-1-3	
H1.4	3/4"	4	#12	POWER	HP1		VRF-1-4	
H1.5	3/4"	4	#12	POWER	HP1		VRF-2-1	
H1.6	3/4"	4	#12	POWER	HP1		VRF-2-2	
H1.7	3/4"	4	#12	POWER	HP1		VRF-2-3	
H1.8	3/4"	4	#12	POWER	HP1		VRF-2-4	
H1.9	3/4"	4	#12	POWER	HP1		HRV-1	
H2.1	3/4"	4	#12	POWER	HP1		EF-1-1	
H2.2	3/4"	4	#12	POWER	HP1		EF-1-2	
H2.3	3/4"	4	#12	POWER	HP1		EF-1-3	
H2.4	3/4"	4	#12	POWER	HP1		EF-1-4	
H2.5	3/4"	4	#12	POWER	HP1		EF-1-5	
H2.6	3/4"	4	#12	POWER	HP1		EF-1-6	
H2.7	3/4"	4	#12	POWER	HP1		EF-1-7	
H2.8	3/4"	4	#12	POWER	HP1		EF-2-1	
H2.9	3/4"	4	#12	POWER	HP1		KEF-1	
H3.1	3/4"	4	#12	POWER	HP1		HEATERS	U1.1,U1.2,U1.3,U1.4
H3.2	3/4"	4	#12	POWER	HP1		HEATERS	U1.5,C1.2,C1.4
H3.3	3/4"	4	#12	POWER	HP1		HEATERS	C1.1,C1.3
H3.4	3/4"	4	#12	POWER	HP1		HEATERS	U2.1
H4.1	1-1/2"	4	#2	POWER	LP3		CU-1	
H4.2	1-1/2"	4	#2	POWER	LP3		CU-2	
H4.3	1-1/2"	4	#2	POWER	LP3		CU-3	
H4.4	3/4"	4	#12	POWER	HP1		HRB-1-1	
H4.5	3/4"	4	#12	POWER	HP1		HRB-2-1	
H5.1	3/4"	3	#12	POWER	HP2		BLR-1	
H5.2	3/4"	3	#12	POWER	HP2		BLR-2	
H5.3	3/4"	4	#12	POWER	HP2	VFD	BP-1	
H5.4	3/4"	4	#12	POWER	HP2	VFD	BP-2	
H5.5	3/4"	4	#12	POWER	HP2		P-1	
H5.6	3/4"	4	#12	POWER	HP2	VFD	P-1A	
H5.7	3/4"	4	#12	POWER	HP2	VFD	P-2A	
H5.8	3/4"	4	#12	POWER	HP2	VFD	P-2B	
H6.1	3/4"	3	#12	POWER	HP2		P-L1	
H6.2	3/4"	3	#12	POWER	HP2		P-L2	
H6.3	3/4"	3	#12	POWER	HP2		P-L3	
H6.4	3/4"	3	#12	POWER	HP2		P-L4	
H6.5	3/4"	3	#12	POWER	HP2		P-L5	
H6.6	3/4"	3	#12	POWER	HP2		P-L6	

CONDUIT AND CABLE SCHEDULE

CONDUIT NO.	CONDUIT SIZE	CABLE QTY.	CABLE SIZE	PURPOSE	FROM	VIA	TO	REMARKS
H7.1	3/4"	3	#12	POWER	HP2		LV-1	
H7.2	3/4"	3	#12	POWER	HP2		LV-2	
H7.3	3/4"	3	#12	POWER	HP2		LV-3	
H7.4	3/4"	3	#12	POWER	HP2		LV-4	
H7.5	3/4"	3	#12	POWER	HP2		LV-5	
H7.6	3/4"	3	#12	POWER	HP2		LV-6	
H7.7	3/4"	3	#12	POWER	HP2		LV-7	
H8.1	3/4"	4	#12	POWER	HP2		ERV-1	
H8.2	3/4"	4	#12	POWER	HP2		MUA-1	
E1.1	3/4"	4	#10	POWER	LP2		ELEVATOR CP	
E1.2	3/4"	3	#12	POWER	LP2		ELEVATOR CP	
E1.3	3/4"	4	#12	POWER	LP2		ELEVATOR SUMP PUMP	
O1.1	3/4"	4	#12	POWER	LP3		OHD-1	
O1.2	3/4"	8	#12	POWER	OHD-1		OHD-1 CONTROL STATION	
O2.1	3/4"	4	#12	POWER	LP3		OHD-2	
O2.2	3/4"	8	#12	POWER	OHD-2		OHD-2 CONTROL STATION	
O3.1	3/4"	4	#12	POWER	LP3		OHD-3	
O3.2	3/4"	8	#12	POWER	OHD-3		OHD-3 CONTROL STATION	
O4.1	3/4"	4	#12	POWER	LP3		OHD-4	
O4.2	3/4"	8	#12	POWER	OHD-4		OHD-4 CONTROL STATION	
O5.1	3/4"	4	#12	POWER	LP3		OHD-5	
O5.2	3/4"	8	#12	POWER	OHD-5		OHD-5 CONTROL STATION	
O6.1	3/4"	4	#12	POWER	LP3		OHD-6	
O6.2	3/4"	8	#12	POWER	OHD-6		OHD-6 CONTROL STATION	
O7.1	3/4"	4	#12	POWER	LP3		OHD-7	
O7.2	3/4"	8	#12	POWER	OHD-7		OHD-7 CONTROL STATION	
R1.1	3/4"	4	#12	POWER	LP3	STARTER	HR-1-EF	
R1.2	3/4"	3	#12	POWER	LP3		HR-1	
R2.1	3/4"	4	#12	POWER	LP3	STARTER	HR-2-EF	
R2.2	3/4"	3	#12	POWER	LP3		HR-2	
R3.1	3/4"	4	#12	POWER	LP3	STARTER	HR-3-EF	
R3.2	3/4"	3	#12	POWER	LP3		HR-3	
R4.1	3/4"	4	#12	POWER	LP3	STARTER	HR-4-EF	
R4.2	3/4"	3	#12	POWER	LP3		HR-4	
R5.1	3/4"	4	#12	POWER	LP3	STARTER	HR-5-EF	
R5.2	3/4"	3	#12	POWER	LP3		HR-5	
R6.1	3/4"	4	#12	POWER	LP3	STARTER	HR-6-EF	
R6.2	3/4"	3	#12	POWER	LP3		HR-6	
K1.1	3/4"	4	#10	POWER	LP2		DISHWASHER	
K1.2	1"	5	#8	POWER	LP2		GRIDDLE	
K1.3	3/4"	4	#12	POWER	LP2		AIR FRYER	
K1.4	3/4"	4	#10	POWER	LP2		PIZZA OVEN	
K1.5	3/4"	4	#10	POWER	LP2		WARMER	
K1.6	3/4"	4	#10	POWER	LP2		REFRIGERATOR/FREEZER	
K1.7	3/4"	4	#10	POWER	LP2		STOVE	
K1.8	3/4"	4	#10	POWER	LP2		HOOD	
K1.9	3/4"	3	#12	POWER	LP2		HOOD CP	
K1.10	3/4"	4	#12	POWER	HOOD CP		KEF-1	
K1.11	3/4"	8	#14	POWER	HOOD CP		FIRE ALARM PANEL	
K1.12	3/4"	6	#14	POWER	HOOD CP		MUA	
P1.1	3/4"	4	#10	POWER	HP2		COMPRESSOR	
P1.2	3/4"	4	#10	POWER	HP2		GRINDER PUMP	
P1.3	3/4"	4	#10	POWER	HP2		WATER HEATER	

EA = EACH

DATE: 6/16/2023
DRAWN BY: A.F.A
SCALE: AS SHOWN
REVIEWED BY: RF
PROJECT NO.: 21-2343
FILE:

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REVISIONS

NO.	DATE	DESCRIPTION
1	6/16/23	CONSTRUCTION

PORT EWEN FIRE DEPARTMENT
ULSTER COUNTY, NY

CONDUIT SCHEDULE

BID PLANS

SHEET: E010

WARNING - IT IS A VIOLATION OF NEW YORK EDUCATION LAW SECTION 7209.2, FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW, SECTION 7209.2.

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