

MECHANICAL/PLUMBING/ETC. EQUIPMENT CONNECTION SCHEDULE									
EQUIPMENT #	LOAD	VOLTAGE/ PHASE	WIRE SIZE	CONDUIT SIZE	SAFETY SWITCH ENCLOSURE	STARTER		ENCLOSURE	NOTES
						SIZE	NEMA/HP SIZE		
ACCU-1	17.0 MCA / 25 MOCp	208/1	2#10 & 1#10 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-2	12.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-3	17.0 MCA / 25 MOCp	208/1	2#10 & 1#10 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-4	12.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-5	13.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-6	13.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-7	12.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-8	12.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-9	12.0 MCA / 20 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
ACCU-10	30.0 MCA / 50 MOCp	208/3	3#8 & 1#10 GRD	3/4"	NEMA 3R	60A	-	-	
ACCU-11	38.0 MCA / 60 MOCp	208/3	3#6 & 1#10 GRD	1"	NEMA 3R	60A	-	-	
ACCU-12	30.5 MCA / 40 MOCp	208/1	2#8 & 1#10 GRD	3/4"	NEMA 3R	60A	-	-	
ACCU-13	30.5 MCA / 40 MOCp	208/1	2#8 & 1#10 GRD	3/4"	NEMA 3R	60A	-	-	
ACCU-14	9.0 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 3R	30A	-	-	
AHU-1	9.7 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-2	5.3 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-3	5.3 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-4	9.7 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-5	9.7 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-6	9.7 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-7	9.7 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-8	5.3 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
AHU-9	5.3 MCA / 15 MOCp	208/1	2#12 & 1#12 GRD	3/4"	NEMA 1	30A	-	-	
BP-1	2 @ 1.5 HP EACH	208/3	3#10 & 1#10 GRD	3/4"	-	-	-	-	2
CONDENSATE PUMP CP-1	3/4 HP	208/3	3#12 & 1#12 GRD	3/4"	NEMA 1	30A	NEMA 1	NEMA 1	
CUH-1	1/30 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
CUH-2	1/30 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
CUH-3	1/30 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
CUH-4	1/30 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
RE CIRC PUMP CP-1	1/12 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
RE CIRC PUMP CP-1	1/12 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
DOAS-1	23.12 MCA / 25 MOCp	208/3	3#10 & 1#10 GRD	3/4"	NEMA 3R	30A	-	-	
DOAS-2	44.24 MCA / 45 MOCp	208/3	3#8 & 1#10 GRD	3/4"	NEMA 3R	30A	-	-	
DWH-1	18 KW	208/3	3#4 & 1#8 GRD	1"	NEMA 1	100A	-	-	
DWH-2	18 KW	208/3	3#4 & 1#8 GRD	1"	NEMA 1	100A	-	-	
EF-1	0.1 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-2	0.025 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-3	0.025 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-4	0.16 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-5	0.1 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-6	0.025 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-7	0.06 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
EF-8	0.25 HP	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
FIRE PUMP	20 HP	208/3	-	-	-	-	-	-	3, 4
HUH-1	16W	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
HUH-2	16W	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
HUH-3	16W	120/1	2#12 & 1#12 GRD	3/4"	MMS	-	-	-	
HWP-1	1.5 HP	208/3	3#12 & 1#12 GRD	3/4"	NEMA 1	30A	NEMA 1	NEMA 1	
HWP-2	1.5 HP	208/3	3#12 & 1#12 GRD	3/4"	NEMA 1	30A	NEMA 1	NEMA 1	
JOCKEY PUMP	3/4 HP	208/3	3#12 & 1#12 GRD	3/4"	-	-	-	-	2
SS-1	-	-	-	1"	-	-	-	-	1
SS-2	-	-	-	1"	-	-	-	-	1
SS-3	-	-	-	1"	-	-	-	-	1
SS-4	-	-	-	1"	-	-	-	-	1
SS-5	-	-	-	1"	-	-	-	-	1
SS-6	-	-	-	1"	-	-	-	-	1
SS-7	-	-	-	1"	-	-	-	-	1

- NOTES
1. INDOOR UNIT RECEIVES POWER FROM OUTDOOR AIR COOLED CONDENSING UNIT (ACCU) THROUGH FIELD-SUPPLIED INTERCONNECTED WIRING PROVIDED BY ACCU MANUFACTURER (.2 CONTRACTOR).
- .4 CONTRACTOR TO TO PROVIDE 1" CONDUIT FOR FIELD SUPPLIED WIRING AND INSTALL WIRING PROVIDED BY .2 CONTRACTOR.
2. SINGLE POINT CONNECTION.
3. FIRE PUMP FURNISHED WITH AN INTEGRAL AUTOMATIC TRANSFER SWITCH
4. REFER TO 1/E-502 FOR WIRE AND CONDUIT SIZE.

RECORD REVISIONS		
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES HARRISBURG, PENNSYLVANIA		
D.G.S. PROJECT No. C-0588-0015 PHASE 1		
LOYSVILLE YOUTH DEVELOPMENT CENTER- RENOVATIONS TO ZIMMERMAN- BINGAMAN (ZB) COTTAGE DEPARTMENT OF HUMAN SERVICES LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA		
SCHEDULES - ELECTRICAL		
<div><div>VERIFY SCALE</div><div>BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING: 0 1</div><div>IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY</div></div>	<div><div>CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.</div></div>	<div><div>DRAWN BY S. SMOLKO</div><div>CHECKED BY S. MULHOLLEN</div></div> <div><div>DATE 27 JUNE 2023</div><div>SCALE AS NOTED</div></div> <div><div>SHEET No.</div><div>E-702</div></div>