

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	PROJECT NO 2203-1 ARCHITECTURAL VISION GROUP, LTD PLANNERS ARCHITECTS CLEVELAND, OHIO 44145 23850 SPERRY DRIVE 2203-1
L															
K															
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MECHANICAL EQUIPMENT SCHEDULE									
MARK	DESCRIPTION	HP	KVA	VOLTAGE/PHASE	FUSE	COMBO STARTER AT LOAD	SAFETY SWITCH AT LOAD	NOTES	
AC-1	DUCTLESS SPLIT SYSTEM	N/A	0.4	208/1	15A	N/A	N/A	30A 2P SW	2.3
AC-2	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	30A 2P SW	2.3,12
AC-3	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	30A 2P SW	2.3,12
AC-4	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	30A 2P SW	2.3,12
AC-5	DUCTLESS SPLIT SYSTEM	N/A	0.1	208/1	15A	N/A	N/A	30A 2P SW	2.3,12
ACCU-1	CONDENSING UNIT	N/A	6.1	208/1	35A	N/A	N/A	60A 3P SW 3R	1.3
ACCU-2	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	30A 3P SW 3R	1.3,12
ACCU-3	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	30A 3P SW 3R	1.3,12
ACCU-4	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	30A 3P SW 3R	1.3,12
ACCU-5	CONDENSING UNIT	N/A	3.4	208/1	20A	N/A	N/A	30A 3P SW 3R	1.3,12
AHU-1 (RET.)	AIR HANDLER	5.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-1 (SUP.)	AIR HANDLER	15.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-2 (RET.)	AIR HANDLER	3.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,11,12
AHU-2 (SUP.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	VFD	2.6,11,12
AHU-3 (RET.)	AIR HANDLER	5.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-3 (SUP.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-4 (RET.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-4 (SUP.)	AIR HANDLER	15.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-5 (RET.)	AIR HANDLER	7.5	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-5 (SUP.)	AIR HANDLER	20.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-6 (RET.)	AIR HANDLER	10.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
AHU-6 (SUP.)	AIR HANDLER	20.0	N/A	480/3	N/A	N/A	N/A	VFD	2.6,7,11,12
B-1	BOILER	N/A	3.6	208/3	20A	N/A	N/A	30A 3P SW	2.3
B-2	BOILER	N/A	3.6	120/1	20A	N/A	N/A	30A 3P SW	2.3
CH-1	CHILLER	N/A	265.6	480/3	500 A	N/A	N/A	600A 3P SW 3R	2.5
CIRC-1	WATER HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-1	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-2	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-3	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-4	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-5	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-6	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
CUH-7	CABINET UNIT HEATER	1/15	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
EF-1	EXHAUST FAN	1/3	N/A	120/1	15A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
EF-2	EXHAUST FAN	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
EF-3	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-4	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-5	EXHAUST FAN	1/3	N/A	120/1	10 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
EF-6	EXHAUST FAN	1/3	N/A	120/1	10 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
EF-7	EXHAUST FAN	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
EF-8	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-9	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-10	EXHAUST FAN	1/3	N/A	120/1	10 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
EF-11	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-12	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-13	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-14	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-15	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-16	EXHAUST FAN	FRAC	0.051	120/1	N/A	N/A	N/A	MANUAL	2.5
EF-17	EXHAUST FAN	FRAC	0.051	120/1	N/A	N/A	N/A	MANUAL	2.5
EF-18	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-19	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EF-20	EXHAUST FAN	1/8	N/A	120/1	10 A	NEMA 00 30A 2P SW 3R	N/A	N/A	1.4
EUH-1	ELECTRIC UNIT HEATER	N/A	5.0	208/3	20A	N/A	N/A	30A 3P SW	2.3
FPB-A-005	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-006	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-101	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-102	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-103	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-104	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-105	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-107	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-109	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-135	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-137	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-202	FAN POWERED BOX	3/4	N/A	277/1	15 A	N/A	N/A	30A 2P SW	2.3
FPB-A-205	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-206	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-211	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-212	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-213	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-214	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-215	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-217	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-A-219	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-101	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-102	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-103a	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-103b	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-103c	FAN POWERED BOX	1/2	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-104	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-105a	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-B-105b	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-001	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-002	FAN POWERED BOX	1/3	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-101	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-102	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-104	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-106	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-109	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-112	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-113	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-114	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-115	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-116	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-202	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-203	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-212	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-214	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-215	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-217	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-219	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-220	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
FPB-C-222	FAN POWERED BOX	1/4	N/A	277/1	10 A	N/A	N/A	30A 2P SW	2.3
HW-1	QAS WATER HEATER	FRAC	0.2	120/1	N/A	N/A	N/A	N/A	2
KEF-1	EXHAUST FAN	3/4	N/A	208/1	15 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
KEF-2	EXHAUST FAN	3/4	N/A	208/1	15 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
KEF-3	EXHAUST FAN	1/4	N/A	120/1	10 A	NEMA 0 30A 2P SW 3R	N/A	N/A	1.4
KMAU-1	MAKE-UP AIR UNIT	N/A	20.1	208/3	70A	N/A	N/A	100A 3P SW 3R	1.3
P-1	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	VFD	1.6
P-2	PUMP	5.0	N/A	480/3	N/A	N/A	N/A	VFD	1.6
P-3	PUMP	3.0	N/A	480/3	15A	NEMA 2 30A 3P SW	N/A	N/A	2.4
P-4	PUMP	3.0	N/A	480/3	15A	NEMA 2 30A 3P SW	N/A	N/A	2.4
P-5	PUMP	5.0	N/A	480/3	15A	NEMA 2 30A 3P SW	N/A	N/A	2.4
P-6	PUMP	10.0	N/A	480/3	N/A	N/A	N/A	VFD	1.6
P-7	PUMP	15.0	N/A	480/3	N/A	N/A	N/A	VFD	1.6
UH-1	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
UH-2	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
UH-3	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
UH-4	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
UH-5	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5
UH-6	UNIT HEATER	FRAC	N/A	120/1	N/A	N/A	N/A	MANUAL	2.5

MECHANICAL EQUIPMENT SCHEDULE NOTES:

- MAKE FIELD CONNECTIONS WITH LIQUIDTITE, SEALTITE AND FITTINGS. SIZE AS NOTED OR REQUIRED.
- MAKE FIELD CONNECTIONS WITH GREENFIELD FLEX AND FITTINGS. SIZE AS NOTED OR REQUIRED.
- FURNISH AND INSTALL SAFETY SWITCH AND FUSE AS NOTED AND PROVIDE SUPPORTS AS REQUIRED.
- FURNISH AND INSTALL COMBINATION FUSIBLE STARTER AND FUSE AS NOTED AND PROVIDE SUPPORTS AS REQUIRED. STARTERS SHALL HAVE (2) NORMALLY OPEN AND (2) NORMALLY CLOSED AUXILIARY CONTACTS AND H-O-A SELECTOR AND CPT. PROVIDE SOLID STATE PHASE LOSS PROTECTION.
- FURNISH AND INSTALL MANUAL MOTOR STARTER.
- VFD IS FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR.
- PROVIDE 480 VOLT, 3 PHASE POWER, A NORMAL FUSIBLE SAFETY SWITCH AND A SIZE 1, NEMA 1 CONTACTOR FOR THE FRACTIONAL HORSEPOWER RECOVERY MOTOR. FUSE SAFETY SWITCH AS REQUIRED.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL AND POWER WIRING FOR THE HOOD FIRE SUPPRESSION SYSTEM AND THE HOOD AND RESPECTIVE FANS. THE CONTROL PANEL IS FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED COMPLETE BY THE ELECTRICAL CONTRACTOR. THE "REMOTE CONTROL STATIONS" ARE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED COMPLETE BY THE ELECTRICAL CONTRACTOR.
- PROVIDE SPRING WOUND TIMER SWITCH INTERMATIC #FF12HC.