AIR HANDLING UNIT FAN SCHEDULE

TAG		MANUFACTURER	MODEL	TOTAL CFM	OUTDOOR VENTILATION (CFM)	SUPPLY FAN QUANTITY	SUPPLY FAN SUPPLY CFM	SUPPLY FAN STATIC PRESSURE DROP (IN WG) TOTAL	SUPPLY FAN STATIC PRESSURE DROP (IN WG) EXTERNAL	SUPPLY FAN BHP (TOTAL)	SUPPLY FAN MOTOR (HP/EA)	SUPPLY FAN VFD ELECTRICAL DATA VOLTAGE	SUPPLY FAN VFD ELECTRICAL DATA PHASE	RETURN / EXHAUST FAN QUANTITY	RETURN/ EXHAUST CFM	RETURN / EXHAUST FAN STATIC PRESSURE DROP (IN WG) TOTAL	RETURN / EXHAUST FAN STATIC PRESSURE DROP (IN WG) EXTERNAL	RETURN / EXHAUST FAN BHP (TOTAL)	RETURN / EXHAUST FAN MOTOR (HP/EA)	RETURN / EXHAUST FAN VFD ELECTRICAL DATA VOLTAGE	RETURN / EXHAUST FAN VFD ELECTRICAL DATA PHASE	FILTER TYPE	FILTER DEPTH (IN)	FILTER MID-LIFE AIR PRESSURE DROP (IN WG)	FILTER EFFICIENCY %	PREFILTER TYPE	PREFILTER DEPTH	PREFILTER MID-LIFE AIR PRESSURE DROP (IN WG)	PREFILTER EFFICIENCY %	OVERALL UNIT WEIGHT (LBS)	OVERALL UNIT DIMENSIONS (IN) LENGTH	OVERALL UNIT DIMENSIONS (IN) WIDTH	OVERALL UNIT DIMENSIONS (IN) HEIGHT	NOTES
AHU	1	TRANE	CSAA030	13,420	6800	4	13,420	6.47	2.50	21.98	7.5	460	3	4	13,420	2.66	1.00	9.083	3	460	3	CARTRIDGE MERV-13	4	0.646	95	PLEATED MERV-8	2	0.626	30	10823	382.4	93.5	126.8	1,2,3,4,5,7,8,9,10,11,12
AHU	2	TRANE	CSAA035	15,210	7210	4	15,210	6.3	2.50	24.07	10	460	3	4	15,210	2.62	1.00	10.5	3	460	3	CARTRIDGE MERV-13	4	0.632	95	PLEATED MERV-8	2	0.614	30	12439	369	100	138.3	1,2,3,4,6,7,9,10,11,12

NOTES:
1. UNIT IS AN INDOOR RATED, CUSTOM UNIT.
2. FAN SECTIONS TO BE FAN ARRAYS WITH A MINIMUM OF FOUR FANS.
3. PROVIDE ENTHALPY WHEEL SECTION.
4. PROVIDE VFDS AND DISCONNECTS PER DIVISION 26 SPECIFICATIONS.
5. REFER TO DETAILS 1/M5.2 AND 3/M3.2.
6. REFER TO DETAILS 1/M5.2 AND 4/M3.2
7. REFER TO DETAILS 1/M7.1 FOR CONTROLS.
8. ALTERNATE BID: INSTALL SEVEN (7) BIPOLAR IONIZATION UNITS (iAIRE MODEL ION-0AA00, RATED 2000 CFM/EA). LOCATE IN THE ACCESS SECTION UPSTREAM OF SUPPLY FAN INLET. PROVIDE SINGLE TRANSFORMER TO SERVE UNITS.
9. REFER TO DETAIL 2/M5.2 FOR HOT WATER COIL AND 3/M5.3 FOR CHILLED WATER COIL.
10. PROVIDE UV LIGHTS IN UNITS.
11. UNITS SHALL MEET ALL REQUIREMENTS OF UL-864.
12. MANUFACTURER AND CONTRACTOR TO COORDINATE WITH CONSTRUCTION MANAGER MEANS AND METHODS TO INSTALL AHUs IN MECHANICAL PENTHOUSE (I.E. MODULAR PIECES VERSUS FURTHER BREAKDOWN OF COMPONENTS). PIECES SHALL NOT EXCEED 40" IN WIDTH.

AIR HANDLING UNIT COIL SCHEDULE

TAG		MANUFACTURER	AIR FLOW (CFM)	COOLING COIL CAPACITY (MBH) TOTAL	COOLING COIL CAPACITY (MBH) SENSIBLE	ENTERING AIR TEMPERATURE (°F) DB	ENTERING AIR TEMPERATURE (°F) WB	LEAVING AIR TEMPERATURE (°F) DB	LEAVING AIR TEMPERATURE (°F) WB	MAX AIR PRESSURE DROP (IN WG)	ROW QUANTITY	FINS PER FOOT	WATER TEMPERATURE (°F) ENTERING	WATER TEMPERATURE (°F) LEAVING	WATER FLOW (GPM)	MAX WATER PRESSURE DROP (FT HD)	HEATING COIL CAPACITY (MBH)	CFM	AIR TEMPERATURE DB (°F) ENTERING	AIR TEMPERATURE DB (°F) LEAVING	MAX AIR PRESSURE DROP (IN WG)	ROW QUANTITY	FINS PER FEET	WATER TEMPERATURE (°F) ENTERING	WATER TEMPERATURE (°F) LEAVING	WATER FLOW (GPM)	MAX WATER PRESSURE DROP (FT HD)
AHU	1	TRANE	13420	510	388	77.90	62.90	49.80	48.50	0.98	8	145	44.00	58.00	72.75	15.97	50	9800	50.72	55.00	0.04	1	80	140	100	2.35	0.12
AHU	2	TRANE	15210	490	380	77.60	62.80	50.30	49.00	0.9	8	140	44.00	58.00	69.91	13.85	55	10400	50.10	55.00	0.03	1	80	140	100	2.7	0.10

AIR HANDLING UNIT ENERGY WHEEL SCHEDULE

TAG		MANUFACTURER	AIR FLOW (CFM) VENTILATION / EXHAUST	AIR FLOW (CFM) SUPPLY / RETURN	PRESSURE DROP (IN WG) SUPPLY AIR	PRESSURE DROP (IN WG) EXHAUST AIR	SUMMER OUTSIDE AIR DRY BULB	SUMMER OUTSIDE AIR WET BULB	SUMMER RETURN AIR DRY BULB	SUMMER RETURN AIR WET BULB	SUMMER SUPPLY AIR DRY BULB	SUMMER SUPPLY AIR WET BULB	SUMMER EXHAUST AIR DRY BULB	SUMMER EXHAUST AIR WET BULB	SUMMER EFFECTIVENESS (%) LATENT	SUMMER EFFECTIVENESS (%) SENSIBLE	SUMMER EFFECTIVENESS (%) TOTAL	WINTER OUTSIDE AIR DRY BULB	WINTER OUTSIDE AIR WET BULB	WINTER RETURN AIR DRY BULB	WINTER RETURN AIR WET BULB	WINTER SUPPLY AIR DRY BULB	WINTER SUPPLY AIR WET BULB	WINTER EXHAUST AIR DRY BULB	WINTER EXHAUST AIR WET BULB	WINTER EFFECTIVENESS (%) LATENT	WINTER EFFECTIVENESS (%) SENSIBLE	WINTER EFFECTIVENESS (%) TOTAL	RECOVERED LOAD (MBH) SUMMER SENSIBLE	RECOVERED LOAD (MBH) SUMMER LATENT	RECOVERED LOAD (MBH) SUMMER TOTAL	RECOVERED LOAD (MBH) WINTER SENSIBLE	FILTER TYPE	FILTER DEPTH (IN)	FILTER MID-LIFE PRESSURE DROP (IN WG)	FILTER EFFICIENCY (%)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	NOTES
AHU	1	TRANE	6,800 / 6,800	7,055 / 7,055	0.59	0.59	94.00 °F	77.00 °F	75.00 °F	64.00 °F	79.71 °F	67.92 °F	88.82 °F	73.62 °F	68.6	73.2	70.6	0.00 °F	-2.00 °F	70.00 °F	53.00 °F	50.72 °F	41.17 °F	18.57 °F	17.33 °F	68.7	73.2	71.9	107.91	133.07	240.97	382.06	MERV-8	2	0.550	30	460	3	1.2.3
AHU	2	TRANE	7,210 / 7,210	7,084 / 7,084	0.6	0.6	94.00 °F	77.00 °F	75.00 °F	64.00 °F	79.74 °F	67.94 °F	88.80 °F	73.61 °F	68.5	73.1	70.5	0.00 °F	-2.00 °F	70.00 °F	53.00 °F	50.58 °F	41.08 °F	18.64 °F	17.39 °F	68.6	73.1	71.8	108.21	133.87	242.07	383.03	MERV-8	2	0.536	30	460	3	1.2.3

NOTES:
1. PROVIDE STARTER AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. PROVIDE EXHAUST AIR BYPASS DAMPERS.
3. PROVIDE OUTSIDE AIR BYPASS DAMPERS.

AIR HANDLING UNIT ELECTRICAL SCHEDULE

TAG		MANUFACTURER	CIRCUIT 1 V / PH / HZ	CIRCUIT 1 FLA / MCA / FUSE	CIRCUIT 2 V / PH / HZ	CIRCUIT 2 FLA / MCA / FUSE	CIRCUIT 3 V / PH / HZ	CIRCUIT 3 FLA / MCA / FUSE	CIRCUIT 4 V / PH / HZ	CIRCUIT 4 FLA / MCA / FUSE	CIRCUIT 5 V / PH / HZ	CIRCUIT 5 FLA / MCA / FUSE	CIRCUIT 6 V / PH / HZ	CIRCUIT 6 FLA / MCA / FUSE
AHU	1	TRANE	460 / 3 / 60	37.60 / 39.95 / 45.00	460 / 3 / 60	16.80 / 17.85 / 20.00	460 / 3 / 60	1.30 / 1.63 / 15.00	115 / 1 / 60	1.54 / 1.93 / 15	115 / 1 / 60	2.61 / 3.26 / 15.00	115 / 1 / 60	8.00 / 10.00 / 15.00
AHU	2	TRANE	460 / 3 / 60	50.00 / 53.13 / 60.00	460 / 3 / 60	16.80 / 17.85 / 20.00	460 / 3 / 60	1.30 / 1.63 / 15.00	115 / 1 / 60	3.08 / 3.85 / 15	115 / 1 / 60	2.61 / 3.26 / 15.00	115 / 1 / 60	8.00 / 10.00 / 15.00

AHU-1,2 CIRCUITS:

CIRCUIT #1 - SUPPLY FAN MOTOR(S)
CIRCUIT #2 - EXHAUST FAN MOTOR(S)
CIRCUIT #3 - ENERGY WHEEL
CIRCUIT #4 - UV LIGHTS
CIRCUIT #5 - LIGHTS + SWITCH
CIRCUIT #6 - RECEPTACLE

INFRARED HEATER SCHEDULE

TAG		MANUFACTURER	MODEL	CAPACITY (MBH)	FUEL TYPE	LENGTH	DIRECT VENTING (IN) AIR INTAKE	DIRECT VENTING (IN) EXHAUST	MOUNTING HEIGHT (A.F.F.)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	NOTES
IR	1	ADVANCED RADIANT SYSTEMS	ESH-100	100	NATURAL GAS	26' - 0"	4	4	15'-0"	120	1	1,2,3,4,5,6
IR	2	ADVANCED RADIANT SYSTEMS	ESH-100	100	NATURAL GAS	26' - 0"	4	4	15'-0"	120	1	1,2,3,4,5,6

NOTES:
1. PROVIDED SINGLE THERMOSTAT TO CONTROL ALL UNITS IN EACH SPACE.
2. PROVIDE CORD AND PLUG ELECTRICAL CONNECTION.
3. REFER TO DETAIL 4/M5.1.
4. INTERLOCK HEATER WITH GARAGE DOOR TO SHUT-OFF WHEN DOOR ENGAGED TO OPEN. HEATER TO RESTART WHEN DOOR ENGAGED CLOSED.
5. INSTALL VENT AND COMBUSTION AIR PER MFGR RECOMMENDATIONS. COLOR SHALL MATCH ROOF COLOR.
6. PROVIDE CONDENSATE NEUTRALIZING KIT.

AIR COOLED CHILLER SCHEDULE

TAG		MANF	MODEL	REMOTE EVAPORATOR	TONS	EER	IPLV	FLOW RATE (GPM) MINIMUM	FLOW RATE (GPM) DESIGN	WATER PD (FT H2O) TOTAL PD	WATER PD (FT H2O) EVAPORATOR PD	WATER PD (FT H2O) MIN PD	WATER TEMPERATURE ENTERING	WATER TEMPERATURE LEAVING	REFRIGERANT TYPE	NUMBER OF REFRIGERANT CIRCUITS	NUMBER OF COMPRESSORS	ELECTRICAL DATA VOLT	ELECTRICAL DATA PHASE	ELECTRICAL DATA HZ	ELECTRICAL DATA STARTER TYPE	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	WEIGHT (LBS)	DIMENSIONS (IN) LENGTH	DIMENSIONS (IN) WIDTH	DIMENSIONS (IN) HEIGHT	NOTES
CH	1	TRANE	CGAM	REV-1	100	10.47	15.40	115.5	171.1	8.81	6.74	4.17	57.98 °F	44 °F	R-410A	2	4	460	3	60	ACROSS THE LINE	205	225	6759	166	89	93	1,2,3,4,5
CH	2	TRANE	CGAM	REV-2	100	10.47	15.40	115.5	171.1	8.81	6.74	4.17	57.98 °F	44 °F	R-410A	2	4	460	3	60	ACROSS THE LINE	205	225	6759	166	89	93	1,2,3,4,5

NOTES:
1. PROVIDE STARTER AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. PROVIDE DISCONNECT IN NEMA 3R RATED ENCLOSURE PER DIVISION 26 SPECIFICATIONS.
3. REFER TO DETAIL 2/M5.3.
4. REFER TO 1/M7.3 AND 4/M7.3 FOR CONTROLS.
5. PROVIDE PLATE AND FRAME TYPE REMOTE EVAPORATOR.

PUMP SCHEDULE

TAG		MANUFACTURER	MODEL	SERIES	GPM	HEAD (FT)	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	MOTOR (RPM)	MOTOR (HP)	ELECTRICAL DATA VOLT	ELECTRICAL DATA PHASE	ELECTRICAL DATA FREQUENCY (Hz)	WEIGHT (LBS)	PUMP FLOOR SPACE (SF)	NOTES
BWP	1	BELL & GOSSETT	1.5AD	e-1510	90	50	2	1.5	1800	3	460	3	60	140	2.75	1,2,3
BWP	2	BELL & GOSSETT	1.5AD	e-1510	90	50	2	1.5	1800	3	460	3	60	140	2.75	1,2,3
CWP	1	BELL & GOSSETT	2BD	e-1510	160	55	2.5	2	1800	5	460	3	60	190	3.5	1,2,4
CWP	2	BELL & GOSSETT	2BD	e-1510	160	55	2.5	2	1800	5	460	3	60	190	3.5	1,2,4

NOTES:
1. PROVIDE VFD AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. REFER TO DETAILS 7/M5.1.
3. REFER TO 3/M7.1 AND 1/M7.2 FOR CONTROLS.
4. REFER TO 3/M7.1 AND 1/M7.3 FOR CONTROLS.

BOILER SCHEDULE

TAG		MANUFACTURER	MODEL	SIZE	FUEL TYPE	INPUT (MBH)	OUTPUT (MBH)	WATER TEMPERATURE ENTERING	WATER TEMPERATURE LEAVING	CAPACITY (GAL.)	FLOW RATE (GPM) MIN	FLOW RATE (GPM) DESIGN	FLOW RATE (GPM) MAX	RATED WATER PRESSURE DROP (PSIG)	GAS INLET CONNECTION (IN)	DIRECT VENTING (IN) AIR INTAKE	DIRECT VENTING (IN) EXHAUST	EFFICIENCY (%)	TURN DOWN RATIO	ELECTRICAL DATA VOLT	ELECTRICAL DATA PHASE	ELECTRICAL DATA FLA	DIMENSIONS (IN) WIDTH	DIMENSIONS (IN) DEPTH	DIMENSIONS (IN) HEIGHT	WEIGHT (LBS)	NOTES
B	1	AERCO	BMK	750	NATURAL GAS	750	720	100 °F	140 °F	16.25	12	90	175	3 PSI @ 100 GPM	1"	6"	6"	95.6	15:1	120	1	13	28	24.5	78	669	1,2,3,4,5
B	2	AERCO	BMK	750	NATURAL GAS	750	720	100 °F	140 °F	16.25	12	90	175	3 PSI @ 100 GPM	1"	6"	6"	95.6	15:1	120	1	13	28	24.5	78	669	1,2,3,4,5

NOTES:
1. PROVIDE STARTER AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. MANUFACTURER TO PROVIDE SEQUENCING VALVES AND BOILER SEQUENCING AS PART OF INTERNAL CONTROLS.
3. PROVIDE CONDENSATE NEUTRALIZING KIT.
4. REFER TO DETAILS 4/M5.2 & 1/M5.3.
5. REFER TO 1/M7.2 AND 2/M7.2 FOR CONTROLS.

DUCTLESS SPLIT INDOOR UNIT SCHEDULE

TAG		MANUF.	MODEL	ROOM SERVED	CFM	RATED COOLING CAPACITY (MBH)	RATED HEATING CAPACITY (MBH)	ELECTRICAL DATA VOLT.	ELECTRICAL DATA PHASE	ELECTRICAL DATA MCA	WEIGHT (LBS)	NOTES
DS	1	TRANE / MITSUBISHI	TPLA0A0181EA70A	ELECTRICAL ROOM	600	18	19	208	1	-	36.6	1,2,3,4,5
DS	2	TRANE / MITSUBISHI	TPLA0A0181EA70A	ELECTRICAL ROOM	600	18	19	208	1	-	36.6	1,2,3,4,5
DS	3	TRANE / MITSUBISHI	TPKA0A0181LA00A	MDF	450	18	19	208	1	-	28	1,2,3,4,5

NOTES:
1. CONTRACTOR TO PROVIDE TEMPERATURE SENSOR IN EACH ROOM WITH DUCTLESS SPLIT TO BE INTERFACED WITH BUILDING AUTOMATION SYSTEM.
2. PROVIDE THERMOSTAT WITH DUCTLESS SPLIT SYSTEM.
3. REFER TO DETAIL 8/M5.1.
4. PROVIDE CONDENSATE PUMP.
5. UNIT SHALL BE POWERED VIA OUTDOOR AIR CONDENSING UNIT.

CRAC UNIT SCHEDULE

TAG	MANUF.	MODEL	ROOM SERVED	DX COOLING COIL CAPACITY (MBH) TOTAL	DX COOLING COIL CAPACITY (MBH) SENSIBLE	WPD (FT)	HUMIDIFIER SECTION TYPE	HUMIDIFIER SECTION CAPACITY (LB/H)	EVAPORATOR FAN HP	EVAPORATOR FAN CFM	ELECTRIC REHEAT CAPACITY (MBH)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	ELECTRICAL DATA FLA	ELECTRICAL DATA MOCP (A)	DIMENSIONS (IN) LENGTH	DIMENSIONS (IN) WIDTH	DIMENSIONS (IN) HEIGHT	WEIGHT (LBS)	NOTES
CRAC-1	LIEBERT	MMD96E	SECURITY ELECTRONICS	96.9	95.2	9.9	STEAM GENERATOR TYPE	10	2	3750	56.3	460	3	48.1	60	72	54	26.5	665	1,2,3,4,5,6,7,8

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. PROVIDE REMOTE WALL MOUNT CONTROLLER.
3. PROVIDE RETURN AIR FILTER BOX.
4. PROVIDE FILTER CLOG SWITCH.
5. PROVIDE HIGH TEMPERATURE SENSOR.
6. REFER TO DETAILS 8/M5.1 AND 1/M5.2.
7. REFER TO SHEET 3/M7.3 FOR CONTROLS.
8. PROVIDE CONDENSATE PUMP.

AIR COOLED CONDENSING UNIT SCHEDULE

TAG		MANUF.	MODEL	ROOMS SERVED	UNITS SERVED	NOMINAL TONS	DESIGN AMBIENT TEMP (°F)	SEER	REF. TYPE	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	ELECTRICAL DATA MCA	ELECTRICAL DATA MOCP	WEIGHT (LBS)	NOTES
ACC	1	LIEBERT	PFH096A	SECURITY ELECTRONICS	CRAC-1	8	80	-	R-407C	460	3	21	30	565	1,2,3,4
ACC	2	TRANE/MITSUBISHI	TUMYP0601AK43NA	DISPATCH	HPI-1,2,3	5	95	18.9	R-410A	208	1	36	45	271	1,2,3,4
ACC	3	TRANE/MITSUBISHI	TRUYA0361KA70NA	ELECTRICAL ROOM	DS-1,2	3	95	24.6	R-410A	208	1	25	31	302	1,2,3,4
ACC	4	TRANE/MITSUBISHI	TRUYA0181KA70NA	MDF/IT ROOM	DS-3	1.5	95	19.8	R-410A	208	1	11	28	302	1,2,3,4
ACC	5	TRANE/MITSUBISHI	TRUYA0361KA70NA	EQUIPMENT ROOM	HPI-4	3	95	24.6	R-410A	208	1	25	31	302	1,2,3,4

NOTES:
1. PROVIDE STARTER / DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. PROVIDE CRANKCASE HEATER, LOW-AMBIENT KIT, WINTER START KIT AND WIND BAFFLE.
3. SIZE REFRIGERANT PIPING AS PER MANUFACTURER'S RECOMMENDATIONS.
4. REFER TO DETAIL 8/M5.1.

SMOKE EXHAUST FAN SCHEDULE

TAG		MANUFACTURER	MODEL	AIR FLOW (CFM)	EXTERNAL SP (IN WG)	MOTOR (RPM)	MOTOR (HP)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	ELECTRICAL DATA FLA	WEIGHT (LBS)	NOTES
SEF	1	GREENHECK	QEI-16	3400	0.5	1725	1	460	3	2.1	309	1,2,3,4
SEF	2	GREENHECK	QEI-16	3400	0.5	1725	1	460	3	2.1	309	1,2,3,4
SEF	3	GREENHECK	QEI-16	3400	0.5	1725	1	460	3	2.1	309	1,2,3,4

NOTES:
1. PROVIDE STARTER AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. REFER TO CONTROLS ON SHEET M7.5.
3. REFER TO DETAIL 9/M5.2.
4. FANS SHALL BE U.L. LISTED FOR SMOKE CONTROL.

EXHAUST FAN SCHEDULE

TAG		MANUFACTURER	MODEL	ROOM SERVED	DRIVE TYPE	AIR FLOW (CFM)	EXTERNAL SP (IN WG)	MOTOR (RPM)	MOTOR (HP)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	ELECTRICAL DATA FLA	WEIGHT (LBS)	NOTES
EF	1	GREENHECK	SQ-130-VG	MECHANICAL ROOM	DIRECT	390 / 1900	0.4	1556	3/4	120	1	10	59	1,2
EF	2	GREENHECK	SQ-98-VG	TRASH ROOM	DIRECT	330	0.33	1193	1/4	120	1	3.8	47	1,3
EF	3	GREENHECK	BSQ-240	VEHICLE SALLYPORT	BELT	6000	0.33	694	1	460	3	2.1	227	1,4
EF	4	GREENHECK	SQ-95-VG	EVIDENCE ROOM	DIRECT	510	0.3	1359	1/6	120	1	2.8	47	1,3
EF	5	GREENHECK	SQ-97-VG	SUB ELECTRICAL ROOM	DIRECT	150	0.3	1182	1/4	120	1	3.8	47	1,3
EF	6	LFSYSTEMS	DEF035	LAUNDRY	DIRECT	1200	4	1740	3	480	3	4.9	275	1,5,6
EF	7	LFSYSTEMS	DEF035	LAUNDRY	DIRECT	1200	4	1740	3	480	3	4.9	275	1,5,6
EF	8	LFSYSTEMS	DEF035	LAUNDRY	DIRECT	1200	4	1740	3	480	3	4.9	275	1,5,6
EF	9	LFSYSTEMS	DEF015	LAUNDRY	DIRECT	220	1.75	1950	0.5	120	1	8.1	55	1,5,6

NOTES:
1. PROVIDE STARTER AND DISCONNECT PER DIVISION 26 SPECIFICATIONS.
2. FAN SHALL OPERATE AT TWO SPEEDS PER REFRIGERANT DETECTION SENSOR. MANUAL SWITCH SHALL ALSO BE PROVIDED. REFER TO 3/M7.4 FOR CONTROLS.
3. FAN SHALL OPERATE CONTINUOUSLY. MANUAL SWITCH SHALL ALSO BE PROVIDED. REFER TO 4/M7.4 FOR CONTROLS.
4. FAN SHALL OPERATE PER CO & NO2 SENSORS LOCATED IN THE VEHICLE SALLYPORT. MANUAL SWITCH SHALL ALSO BE PROVIDED. REFER TO 2/M7.4 FOR CONTROLS.
5. FAN SHALL OPERATE WHEN DRYER IS UNDER OPERATION. REFER TO 4/M7.1 AND 5/M7.4 FOR CONTROLS.
6. CONTRACTOR SHALL VERIFY DRYER SELECTION BY THE OWNER AND NOTIFY THE ENGINEER IN CASE OF ANY DISCREPANCY.

DUCT SILENCER SCHEDULE

TAG	MODEL	DIMENSIONS WIDTH (IN)	DIMENSIONS HEIGHT (IN)	DIMENSIONS LENGTH (IN)	DIMENSIONS DIAMETER (IN)	AIR VOLUME (CFM)	AIR VELOCITY (FPM)	INSTALLED PRESSURE DROP (IN WG)	DYNAMIC INSERTION LOSS (DB) 63HZ	125HZ	250HZ	500HZ	1000HZ	2000HZ	4000HZ	8000HZ
DS1-S2	CS	-	-	36	34	7120	1129	0.05	2	3	9	14	14	9	7	7
DS2-R	RH60/3A	36	30	60	-	10400	1387	0.14	5	7	13	26	27	18	12	8
DS-1R	RH96/1A	26	34	96	-	10600	1727	0.28	8	9	14	32	46	27	16	12
DS-2S-1	CS	-	-	60	30	9620	1960	0.22	8	12	16	24	29	18	13	12
DS-2S-2	CS	-	-	72	26	7830	2124	0.06	4	6	16	35	24	14	13	15

ELECTRIC WALL HEATER SCHEDULE

TAG		MANUFACTURER	MODEL	ROOM SERVED	CAPACITY (MBH)	AIR FLOW (CFM)	MOUNTING HEIGHT (A.F.F.) (IN)	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA PHASE	ELECTRICAL DATA KW	NOTES
EWH	1	QMARK	AWH 3150 F	MENS	5.12	100	8	120	1	1.5	1,2,3,4,5
EWH	2	QMARK	AWH 3150 F	STAIR	5.12	100	8	120	1	1.5	1,2,3,4,5
EWH	3	QMARK	AWH 3150 F	STAIR	5.12	100	8	120	1	1.5	1,2,3,4,5
EWH	4	QMARK	AWH 3150 F	VESTIBULE	5.12	100	8	120	1	1.5	1,2,3,4,5

NOTES:
1. PROVIDED INTEGRAL THERMOSTAT WITH LABEL.
2. PROVIDE THERMAL OVERLOAD PROTECTION.
3. PROVIDE BUILT-IN DISCONNECT SWITCH.
4. PROVIDE FAN DELAY SWITCH.
5. COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLOR RANGE

DLZ
ARCHITECTURE • ENGINEERING • PLANNING
SURVEYING • CONSTRUCTION SERVICES
DLZ INDIANA, LLC

12/06/21
JOSHUA R. APLING
REGISTERED
PE 10910274
STATE OF INDIANA
PROFESSIONAL ENGINEER

NO.	REVISION	DATE

DRAWN: SSB CHK'D: ESA
DESIGNED: SSB
APPRV'D: JRA
DATE: DECEMBER 20, 2021
PROJECT NUMBER 2063-1048-90

SULLIVAN COUNTY SHERIFF'S OFFICE AND CORRECTIONAL FACILITY
2357 NORTH SECTION STREET SULLIVAN, INDIANA 47882

MECHANICAL EQUIPMENT SCHEDULES - I

DRAWING NUMBER
M6.1
MECHANICAL

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