GAS / ELECTRIC ROOFTOP UNIT SCHEDULE

UNIT	AREA SERVED	NOM TONS	SUPPLY AIR... CFM	SUPPLY E.S.P. IN H2O	NET COOLING CAPACITY TOTAL... MBH	NET COOLING CAPACITY NET SENS MBH	NET COOLING CAPACITY EAT DB/WB	NET COOLING CAPACITY LAT DB/WB	NET COOLING CAPACITY OSA AIR FLOW CFM	NET COOLING CAPACITY EER	NATURAL GAS HEATING CAPACITY INPUT MBH	NATURAL GAS HEATING CAPACITY OUTPUT MBH	NATURAL GAS HEATING CAPACITY EAT DB	NATURAL GAS HEATING CAPACITY LAT DB	UNIT ELECTRICAL DATA VOLTAGE/ PHASE	UNIT ELECTRICAL DATA LOAD MCA	UNIT ELECTRICAL DATA STARTER DIV. 23	UNIT ELECTRICAL DATA STARTER DIV. 26	UNIT ELECTRICAL DATA DISCONNECT DIV. 23	UNIT ELECTRICAL DATA DISCONNECT DIV. 26	VFD	EMERG. POWER	SINGLE PT. CONN.	UNIT WEIGHT (LBS)	DIMENSIONS LxWxH	MODEL NUMBER	NOTES
RTU-1	3RD - 8TH FLOOR CORRIDOR VENTILATION & RESIDENCE...	20	7,800	1.5	237.3	237.3	95 / 68	64 / 57	7,800	12	540	432	17	68.0	208 / 3	103		X		X	SUPPLY FAN	N/A	X	3,100	111 X 101 X 60	AAON RNA-020-C-0-8-AAA02	1-7, 9
RTU-2	3RD - 8TH FLOOR CORRIDOR VENTILATION & RESIDENCE...	20	7,800	1.5	237.3	237.3	95 / 68	64 / 57	7,800	12	540	432	17	68.0	208 / 3	103		X		X	SUPPLY FAN	N/A	X	3,100	111 X 101 X 60	AAON RNA-020-C-0-8-AAA02	1-7, 9
RTU-3	CLUB ROOM 821	7.5	3,000	0.75	78.3	73.3	78 / 63	55 / 53	440	11	180	148	62	107.7	208 /3	43		X		X	YES	N/A	X	1,500	89 X 60 X 42	CARRIER 48TCED08A2A5	1-6, 8

NOTES:

1. DESIGN SUMMER OSA TEMP. (DEGREES F): 90
2. DESIGN SUMMER ROOM TEMP (DEGREES F): 75
3. DESIGN WINTER OSA TEMP. (DEGREES F): 15
4. DESIGN WINTER ROOM TEMP (DEGREES F): 70
5. PROVIDE WITH SPRING ROOF CURB, ECONOMIZER.
6. PROVIDE WITH 2" MERV-13 FILTER & SMOKE DETECTOR.
7. PROVIDE WITH STAINLESS STEEL HEAT EXCHANGER, 10:1 MODULATING GAS VALVE & UNIT CONTROLS FOR MAKE-UP AIR OPERATION.
8. PROVIDE WITH POWERED EXHAUST & RETURN AIR SMOKE DETECTOR.
9. PROVIDE WITH SUPPLY AIR SMOKE DETECTOR.

VRF CONDENSING UNIT VE SCHEDULE

UNIT TAG	BRANCH SELECTOR UNIT TAG	MITSUBISHI MODEL NO.	NOMINAL TONS	SYSTEM DIVERSITY (%)	LOCATI...	VOLT. / PHASE	MODULE #1... MCA	MODULE #2... MCA	DIMENSIONS LxWxH	WEIGHT LBS	NOTES
HP-1	BC-1	PURY-P264TSNU-A	22	114	ROOF	208/230V / 3 PH	52 / 48	43 / 40	140X30X65	1,400	1

NOTES:

1. TWO SEPARATE ELECTRICAL CONNECTIONS.

MITSUBISHI BC CONTROLLER VE SCHEDULE

UNIT TAG	CONDENSER UNIT TAG	MITSUBISHI MODEL NO.	VOLT. / PHASE	LOAD MCA	DIMENSIONS LxWxH (INCHES)	WEIGHT LBS	NOTES
BC-1	HP-1	CMB-P108NU-JA1	208/230V/1 PH	0.83 / 0.97	36X22X10	130	

NOTES:

MOTORIZED DAMPER VE SCHEDULE

VE... TAG	OL... TAG	EQUIPMENT SERVED	DUCT... INCHES	CFM MIN	CFM MAX	VOLTA...	CONTROLS TYPE	POSITIO...	BINARY OR ANALOG	NORMA...	POWER	FAIL /...	EMERGENCY... (DIV. 26)	NOTES
MD 2-1	MD 2-2	FC 2-2 VENTILATION AIR	10" DIA	0	360	24-VOLT	INTERLOCK WITH FC 2-2	2	BINARY	OPEN	OPEN	CLOSE	NO	1

NOTES:

1. PROVIDE WITH CONTROL WIRING & AIRFLOW SWITCH AT THE FANCOIL FOR DAMPER TO OPEN WHEN FC BLOWER IS ENABLED.

ELECTRIC FAN COIL SCHEDULE

UNIT	MODEL NO.	ROOM SERVED	TYPE	HEATING KW	OSA CFM	SUPPLY CFM	Tmix oF	FAN ESP (IN. H2O)	TEMP. RISE oF	NUMBER OF STAGES	VOLTAGE/ PHASE	AMPS	APPROX. WEIGHT (LBS)	NOTES
EFC-1	FIRST COMPANY 3RHH	BIKE STORAGE 204	DUCT	5	210	210	17	0.15	56	1	208/230V/ 1 PH	24 / 28	75	1, 2

NOTES:

1. PROVIDE WITH SOLID PANEL FOR BOTTOM OF UNIT, LOW VOLTAGE TRANSFORMER & REMOTE THERMOSTAT.
2. FAN TO RUN CONTINUOUS.

DUCTLESS SPLIT SYSTEM SCHEDULE

INDOOR UNIT UNIT TAG	AREA SERVED / LOCATION	MITSUBISHI MODEL NO.	SUPPLY CFM	NOM TON	MAX. D/X LENGTH / HEIGHT	VOLT. / PHASE	LOAD MCA	WEIGHT (LBS)	DIMENSIONS W X D X H	OUTDOOR UNIT UNIT TAG	MITSUBISHI MODEL NO.	LOCATION	COOLING MBH	VOLT. / PHASE	LOAD MCA	SEER	NOTES
DS-1	ELEV EQUIP 230	PKA-A24HA6	770	2.0	225 / 100	208/230/1	1	50	47 X 12 X 15	CU-1	PUY-A24NHA6	ROOF	25.0	208/230/1	18	17	1 - 4
DS-2	DAS	PKA-A24HA6	770	2.0	225 / 100	208/230/1	1	50	47 X 12 X 15	CU-2	PUY-A24NHA6	ROOF	25.0	208/230/1	18	17	1 - 4
DS-3	FIRE OPERATIONS 111B	PKA-A24HA6	770	2.0	225 / 100	208/230/1	1	50	47 X 12 X 15	CU-3	PUY-A24NHA6	GARAGE	25.0	208/230/1	18	17	1 - 4

NOTES:

1. PROVIDE WITH MFR'S WALL THERMOSTAT.
2. CONNECT TO EMERGENCY POWER AS SECONDARY POWER.
3. SEISMIC OSHPD CERTIFIED.
4. PROVIDE WITH CONDENSATE PUMP.

PACKAGED TERMINAL HEAT PUMPS

IDENTITY DATA TAG [MARK]	APPLICATION [DESCRIPTION]	LOCATION [INSTALL]	AIRFLOW PERFORMANCE MAX FLOW [CFM]	VENTILATION [CFM]	COOLING PERFORMANCE NOMINAL [BTU/H]	EER [-]	HEATING PERFORMANCE NOMINAL [BTU/H]	ELEC. [KW]	COP [-]	ELECTRICAL DATA POWER [V/PH/HZ]	MCA [A]	MOCP [A]	MFG [NAME]	MODEL [NAME]	WEIGHT [LBS]	NOTES [#]
PTHP-1	1/2 TON	WALL	370	N/A	7,600	12.0	4,200	1.3	3.3	208/1/60	8.5	15	AMANA	PTH073G - - A	123	1 - 3
PTHP-2	1 TON	WALL	370	N/A	12,000	11.0	4,200	1.3	3.2	208/1/60	8.5	15	AMANA	PTH123G - - A	132	1 - 3
PTHP-3	1 TON	WALL	370	N/A	12,000	11.0	6,800	2.1	3.2	208/1/60	14.1	15	AMANA	PTH123G - - A	132	1 - 3
PTHP-4	1-1/4 TON	WALL	410	N/A	14,700	9.7	6,800	2.1	3.0	208/1/60	14.1	15	AMANA	PTH153G - - A	142	1 - 3
PTHP-5	1-1/4 TON	WALL	410	N/A	14,700	9.7	9,900	3.0	3.0	208/1/60	19.5	20	AMANA	PTH153G - - A	142	1 - 3
PTHP-6	1-1/4 TON	WALL	410	N/A	14,700	9.7	14,000	4.1	3.0	208/1/60	27.6	30	AMANA	PTH153G - - A	142	1 - 3

NOTES:

1. PROVIDE WITH PROGRAMMABLE WALL MOUNTED THERMOSTAT COMPLIANT WITH 2014 OEESC 503.2.4
2. PROVIDE WITH SUB-BASE KIT
3. HEAT PUMP DOES NOT OPERATE BELOW 25 F OUTDOOR COIL TEMPERATURE, SUPPLEMENTAL HEAT ONLY IS USED - COMPRESSOR AND SUPPLEMENTAL HEAT DO NOT OPERATE SIMULTANEOUSLY

ELECTRIC HEATER VE SCHEDULE

UNIT	MODEL NO.	ROOM SERVED	TYPE	HEATING KW	SUPPLY CFM	TEMP. RISE oF	VOLTAGE/ PHASE	AMPS	APPROX. WEIGHT (LBS)	NOTES
EUH-1	MARKEL F2FUH05C03	FUTURE RETAIL SHELL 150	UNIT	5.0	400	39	208V / 3 PH	14.0	50	1
EUH-2	MARKEL F3FUH03C03	FUTURE RETAIL SHELL 150	UNIT	3.3	400	26	208V / 3 PH	9.2	40	1
EWH-3	MARKEL E3055T2DWB	STAIR 1 S101	WALL	1.5	100	47	120V / 1 PH	12.5	10	1
EWH-4	MARKEL E3055T2DWB	STAIR 2 S102	WALL	1.5	100	47	120V / 1 PH	12.5	10	1
EWH-5	MARKEL HF3326TD-RP	WATER 118	WALL	3.0	175	54	208V / 1 PH	14.4	30	2
EWH-6	MARKEL E3055T2DWB	EXIT 103	WALL	1.5	100	47	120V / 1 PH	12.5	10	2
EWH-7	BY OTHERS	BEDROOM / BATHROOM	WALL	0.5	-	-	120V / 1 PH	-	-	-
EWH-8	BY OTHERS	BEDROOM / BATHROOM	WALL	0.75	-	-	120V / 1 PH	-	-	-
EWH-9	BY OTHERS	BEDROOM / BATHROOM	WALL	1.0	-	-	120V / 1 PH	-	-	-
EWH-10	BY OTHERS	BEDROOM / BATHROOM	WALL	1.5	-	-	120V / 1 PH	-	-	-
EWH-11	BY OTHERS	BEDROOM / BATHROOM	WALL	2.0	-	-	120V / 1 PH	-	-	-
EWH-12	MARKEL HF3326TD-RP	UTILITY 114	WALL	0.75	175	13	208V / 1 PH	14.4	30	2
EWH-13	MARKEL HF3326TD-RP	ELEVATOR VESTIBULE R900	WALL	0.75	175	13	208V / 1 PH	14.4	30	2
EUH-14	MARKEL F3FUH03C03	FUTURE RETAIL SHELL 150	UNIT	3.3	400	26	208V / 3 PH	9.2	40	1
EUH-15	MARKEL F3FUH03C03	FUTURE RETAIL SHELL 150	UNIT	3.3	400	26	208V / 3 PH	9.2	40	1
EUH-16	MARKEL F2FUH05C03	FUTURE TI SHELL 109	UNIT	5.0	400	39	208V / 3 PH	14.0	50	1

NOTES:

1. PROVIDE WITH MOUNTING BRACKET, DISCONNECT SWITCH, INTEGRAL THERMOSTAT.
2. PROVIDE WITH RECESS MOUNT MOUNTING BRACKET, DISCONNECT SWITCH & INTEGRAL THERMOSTAT.
3. PROVIDE WITH MARKEL MODEL AD5150 ANEMOSTAT DIFFUSER.

FIRE / SMOKE / FIRE-SMOKE DAMPERS VE SCHEDULE

IDENTITY DATA TAG [MARK]	SYSTEM SERVED	DUCT... IN. X IN.	APPLICATION [TYPE]	(EXTERNAL MOTOR) [INSTALL]	PERFORMANCE DATA FIRE [HRS]	FRONT ACESS	LEAKAGE [CLASS]	RATING [TEMP]	CLOSE OFF VELOCITY [FT / MIN.]	CLOSE OFF PRESSU... [IN .WG.]	OPERATIONAL DATA NORMAL [POSITION]	ALARM [POSITI...	FAIL [POSITI...	CONTROL REQUIREMENTS POWER [VOLT/PH]	CONTROL [VOLT/PH]	FEEDBACK [TYPE]	E-POWER [DIV. 26]	PHYSICAL /... MFG [NAME]	MODEL [NAME]	NOTES [#]
SD 9-1	RH-2	30 X 30	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SD60-2	2, 3, 6
SD 9-2	SPF-1 SUPPLY AIR	48 X 48	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SD60-2	2, 3, 6
SD 9-3	SPF-1 RELIEF AIR	48 X 48	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SD60-2	2, 3, 6
SD 9-4	SPF-2 SUPPLY AIR	48 X 48	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SD60-2	2, 3, 6
SD 9-5	SPF-2 RELIEF AIR	48 X 48	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SD60-2	2, 3, 6
SD 1-1	SPF-1A SUPPLY AIR	14" DIA	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SDRS25	2, 3, 6
SD 1-2	SF-2 SUPPLY AIR	20" DIA	DYNAMIC - MOTOR EXTERNAL	EXTERNAL	N / A	N / A	II	250	2000	4	CLOSED	OPEN	OPEN	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	YES	RUSKIN	SDRS25	2, 3, 6
FSD 0-1	SF-2 ELEC E001 RELIEF AIR	12 X 12	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-1	RTU-2 WEST SHAFT OSA DUCT	12 X 6	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-2	EF-1 SHAFT DUCT	24X30	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-3	OSA DUCT	22X6	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-4	NOT USED	20X8	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-5	FC 2-3 SUPPLY DUCT	20X12	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-6	FC 2-3 RETURN AIR GRILLE	36X14	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-7	OSA DUCT	6X6	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 2-8	NOT USED	6X6	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FD 2-1	OFFICE 223 SUPPLY DUCT	6X6	CURTAIN	N/A	1.5	NO		165	2000	4	OPEN	N/A	N/A	N/A	N/A	N/A	N/A	RUSKIN	IBDT	1
FD 2-2	OFFICE 225 SUPPLY DUCT	6X6	CURTAIN	N/A	1.5	NO		165	2000	4	OPEN	N/A	N/A	N/A	N/A	N/A	N/A	RUSKIN	IBDT	1
FSD 3-1	RTU-2 WEST SHAFT OSA DUCT - HIGH	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 3-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 3-3	EAST SHAFT OSA DUCT FOR UNITS 318, 320	6" DIA	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSDR60	1 - 3, 5
FSD 4-1	WEST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 4-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 5-1	WEST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 5-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 6-1	WEST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 6-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 7-1	WEST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 7-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 8-1	WEST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FSD 8-2	EAST SHAFT OSA DUCT	24 X 9	STATIC - MOTOR EXTERNAL	EXTERNAL	2	NO	II	165	2000	4	OPEN	CLOSED	CLOSED	115V / 1 PH	115V / 1 PH	END SWITCH ON ACTUATOR	NO	RUSKIN	FSD60	1 - 4
FD 1-1	TRASH T100 EF INTAKE	14X14	CURTAIN	N/A	1.5	NO		165	2000	4	OPEN	N/A	N/A	N/A	N/A	N/A	N/A	RUSKIN	IBDT	1

NOTES:

1. FIRE DAMPER TO COMPLY WITH UL555
2. SMOKE DAMPER TO COMPLY WITH UL555S
3. DAMPER IS PART OF AN ENGINEERED SMOKE CONTROL SYSTEM.
4. PROVIDE WITH RETAINING ANGLE.
5. PROVIDE WITH RETAINING PLATE.
6. END SWITCHES ARE PROVIDED BY DIVISION 23 AND TO BE (2) SINGLE-POLE DOUBLE THROW SWITCHES PROVING BOTH IN OPEN AND IN CLOSED POSITION.

LOUVER & ROOF HOOD SCHEDULE

TAG	MODEL NO.	SYSTEM SERVED	LENGTH X HEIGHT (IN X IN)	INSTALLATION MEDIUM	PROVIDED BY	CORRESPONDING ARCHITECTURAL REFERENCE SHEET	CORRESPONDING ARCHITECTURAL REFERENCE LENGTH X HEIGHT (IN X IN)	ACTIVE LENGTH X... (IN X IN)	CFM	FREE AREA (SQ. FT.)	VELOCI... (FPM)	PRESSURE DROP IN. W.C.	NOTES
L -1	RELIABLE	EMERGENCY GENERATOR INTAKE	60 X 60	BRICK	AHI	A03.02	60 X 65	60 X 60	12,917	13.9	927	0.1	1, 2
L -2	RELIABLE	NOT TO BE USED	60 X 60	BRICK	AHI	A03.02	60 X 65	-	-	-	-	-	1, 5
L -3	RELIABLE	NOT TO BE USED	60 X 60	BRICK	AHI	A03.02	60 X 65	-	-	-	-	-	1, 5
L -4	RELIABLE	EMERGENCY GENERATOR RADIATOR DISCHARGE	42 X 60	BRICK	AHI	A03.02	45 X 65	42 X 60	4,133	9.61	430	0.1	1
L -5	RELIABLE	EMERGENCY GENERATOR RADIATOR DISCHARGE	44 X 60	BRICK	AHI	A03.02	45 X 65	44 X 60	4,133	9.61	430	0.1	1
L -6	RELIABLE	EMERGENCY GENERATOR RADIATOR DISCHARGE	42 X 60	BRICK	AHI	A03.02	45 X 65	42 X 60	4,133	9.61	430	0.1	1
L -7	RELIABLE	EF-1, 24 & TRASH T100 EXHAUST INTAKE	60 X 60	BRICK	AHI	A03.02	VARIES	60 X 60	7,600	13.9	547	0.1	1, 2
L -8	RELIABLE	EF-1, 24 & TRASH T100 EXHAUST INTAKE	60 X 60	BRICK	AHI	A03.02	60 X 65	60 X 60	6,400	13.9	460	0.1	1, 2
L -9	RELIABLE	EF-24 WATER 118 INTAKE	14 X 14	BRICK	AHI	N/A	N/A	14 X 14	300	1.0	300	0.1	1
L -10	RELIABLE	EF-24 WATER 118 EXHAUST	14 X 14	BRICK	AHI	N/A	N/A	14 X 14	300	1.0	300	0.1	1
-	RELIABLE	PTHP-1, 2, 3, 4	TBD	FRAMED WALL	AHI	A03.01, A03.02,...	VARIES						1, 7
RH-1	COOK 36X485TRE	EF-1 COURTYARD TERMINATION	48 X 36	N/A	AHI	A07.71	48 X 36	-	6,800	14.05	484	0.15	6
RH-2	COOK 30X30GR	BOTH ELEVATOR HOISTWAYS	30 X 30	N/A	AHI	N/A	N/A	30 X 30	-	-	-	0.1	6, 8
RH-3	COOK 48X72GR	STAIR 1 SPF-1 RELIEF AIR	72 X 48	N/A	AHI	N/A	N/A	72 X 48	12,500	20.66	605	0.077	6, 8
RH-4	COOK 48X72GR	STAIR 2 SPF-2 RELIEF AIR	72 X 48	N/A	AHI	N/A	N/A	72 X 48	12,500	20.66	605	0.077	6, 8

NOTES:

1. PAINT PER ARCHITECT'S APPROVED LOUVER FACTORY AVAILABLE COLORS
2. BLANK-OFF REMAINING UN-USED LOUVER WITH SHEET METAL. INSULATION BY OTHERS.
3. PROVIDE LOUVERS INSTALLED IN GLAZING SYSTEM TO WITH GLAZING ADAPTERS.
4. CFMS FOR LOUVERS FOR FUTURE RETAIL SPACES ARE MAXIMUMS CALCULATED BASED ON LOUVER SIZE.
5. BLANK-OFF & POST SIGNAGE ON PLENUM, "DO NOT USE LOUVER FOR INTAKE".
6. PROVIDE WITH COOK 13.5H ROOF CURB & PRIME COAT.
7. QTY (182), NOTE 5 FOR UNIT 318, 320.
8. PROVIDE WITH SMOKE DAMPER.

CEILING AND WALL ACCESS PANEL SCHEDULE

TAG	SERVICE ACCESS	LOCATION	LENGTH X WIDTH (IN X IN)	PROVIDED BY	FLANGES	LATCH	HINGE TYPE	INSULATION THICKNESS (INCHES)	FINISH	MATERIAL INSTALLATION	RATED (Y / N)	LABELING INSTRUCTIONS	NOTES
CAP 1-1	FC 1-5 SERVICE	RESTROOM 107 CEILING	92 X 30	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	1-LAYER GYPSUM	N	FC 1-5	1
CAP 1-2	FC 1-4 SERVICE	LOBBY 100 CEILING	66 X 36	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	1-LAYER GYPSUM	N	FC 1-4	1
CAP 1-3	BC-1 SERVICE	TRASH T200	60 X 30	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	1-LAYER GYPSUM	N	BC-1	1
CAP 1-4	FC 1-3 SERVICE	STORAGE 119 CEILING	92 X 30	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	1-LAYER GYPSUM	N	FC 1-4	1
CAP 3-1	FSD 3-1	AMENITY 102 CEILING	18 X 18	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	1-LAYER GYPSUM	N	FSD 3-1 ACTUATOR	1
WAP 2-1	FC 2-3 SERVICE	AMENITY 210 NORTH WALL	66 X 30	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	NONE	TBD	4-INCH METAL STUD WALL	N	FC 2-3	1
WAP 2-2	BEDROOM 325 -825 & BEDROOM 329 - 829 DRYER CLEAN OUT	UNIT 329 FOYER SOUTH WALL 6" A.F.F.	24 X 24	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	1	TBD	6-INCH METAL STUD WALL	Y , 2-HOUR SHAFT	DRYER CLEAN-OUT	1
WAP 2-3	SPF-1A	EXIT 113 CEILING	36X36	AHI	DRYWALL BEAD	SCREWDRIVER CAM	FLUSH CONTINUOUS HINGE	1	TBD	6-INCH METAL STUD WALL	Y , 2-HOUR SHAFT	SPF-1A	1

NOTES:

City Of Portland

REVIEWED FOR CODE COMPLIANCE

Date: 02/11/20

Project: 19-106743-REV-01-CO

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REGISTERED PROFESSIONAL ENGINEER 49035PE OREGON JOSELITO G. AUSTRIA
EXPIRES: 12/31/19

18S
GREYSTAR
1715 SW Salmon St
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REVISIONS

1	ADDENDUM 1	05/03/2019
A	PERMIT RESPONSE 1	06/03/2019
B	PERMIT RESPONSE 2	08/09/2019
C	PERMIT RESPONSE 3	09/18/2019
3	AB-01	09/27/2019
4	AB-02	11/01/2019

CHECKED BY: Checker
ISSUE DATE: 27 SEP 2019
PROJECT NO: 1803002

HVAC SCHEDULES

M00.00

CONSTRUCTION SET

10/31/2019 3:40:28 PM