

NOTES:

1. EXHAUST CLEARANCE PER ASH 506.3.13.3: 10 HORIZONTAL/10 FT FROM PARTS OF THE SAME OR CONTIGUOUS BUILDINGS, ADJACENT BUILDINGS AND ADJACENT PROPERTY LINES, 10 FEET ABOVE THE ADJOINING GRADE LEVEL, 10 FEET HORIZONTALLY FROM OR NOT LESS THAN 3 FEET ABOVE AIR INTAKE OPENINGS INTO ANY BUILDING. EXCEPTION: OUTLETS SHALL TERMINATE NOT LESS THAN 5 FEET HORIZONTALLY FROM PARTS OF THE SAME OR CONTIGUOUS BUILDING, AN ADJACENT BUILDING, ADJACENT PROPERTY LINE AND AIR INTAKE OPENINGS INTO A BUILDING WHERE AIR FROM THE EXHAUST OUTLET DISCHARGES AWAY FROM THE BUILDING.
2. PASSIVE MAKEUP AIR INTAKE CLEARANCE PER ASH 401.4.1: 10 FEET FROM LOT LINES OR BUILDINGS ON THE SAME LOT
3. MECHANICAL EXHAUST AIR EXHAUST CLEARANCE PER ASH 401.4.1: 10 FEET FROM LOT LINES OR BUILDINGS ON THE SAME LOT, 10 FEET HORIZONTALLY FROM ANY HAZARDOUS OR NOXIOUS CONTAMINANT SOURCE.
4. MECHANICAL AIR INTAKE CLEARANCE PER ASH 401.4.1: 2 FEET FROM LOT LINES OR BUILDINGS ON THE SAME LOT, 10 FEET HORIZONTALLY FROM ANY HAZARDOUS OR NOXIOUS CONTAMINANT SOURCE.
5. TERMINATION OF BOILER VENTS PER ASH 804 WITH POWER EXHAUSTS SHALL BE LOCATED NOT LESS THAN 10 FT FROM THE LOT LINE OR FROM ADJ. BUILDINGS AND EXHAUST SHALL BE LOCATED AWAY FROM BUILDINGS, 10 FT HORIZONTALLY FROM OR NOT LESS THAN 3 FT ABOVE AIR INTAKE OPENINGS INTO ANY BUILDING. EXCEPTION: EXHAUST SHALL BE LOCATED NOT LESS THAN 10 FT HORIZONTALLY FROM OR NOT LESS THAN 3 FT ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FT, 3 VENTS SHALL TERMINATE AT LEAST 4 FT BELOW, 4 FT HORIZONTALLY FROM OR 1 FT ABOVE ANY DOOR, WINDOW OR GRAVITY AIR INLET INTO BUILDING.
6. TERMINATION OF MECHANICAL DRAFT SYSTEMS SHALL BE LOCATED NOT LESS THAN 3 FT FROM LOT LINES OR BUILDINGS ON THE SAME LOT, 10 FEET HORIZONTALLY FROM OR NOT LESS THAN 3 FT ABOVE AIR INTAKE OPENINGS INTO ANY BUILDING. EXCEPTION: EXHAUST SHALL BE LOCATED NOT LESS THAN 10 FT HORIZONTALLY FROM OR NOT LESS THAN 3 FT ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FT, 3 VENTS SHALL TERMINATE AT LEAST 4 FT BELOW, 4 FT HORIZONTALLY FROM OR 1 FT ABOVE ANY DOOR, WINDOW OR GRAVITY AIR INLET INTO BUILDING.
7. VENT CAP SHALL BE INSTALLED TO PREVENT RAIN FROM ENTERING THE VENT SYSTEM AND 6) TERMINATION SHALL BE LOCATED NOT LESS THAN 10 FT HORIZONTALLY FROM OR NOT LESS THAN 3 FT ABOVE AIR INTAKE OPENINGS INTO ANY BUILDING.
8. ARCH SHALL PROVIDE PERI-ROLL-UP DOOR FOR GARAGE INTAKE.

SMH-A8-1	TOWER A LEVEL B WELL	1	0.7	0.7	1	0.2	106	36	135	105	53	10
SMH-A9-1	TOWER A LEVEL P2 WELL	1	0.8	0.8	1	1.4	110	36	135	105	55	10
SMH-A9-2	TOWER A LEVEL P2 WELL	1	0.5	0.5	1	0.4	68	36	135	105	34	6
SMH-A9-3	TOWER A LEVEL P2 ENTRY WAY	1	2.2	1.1	2	3.3	304	36	135	105	152	27
SMH-B1-1	TOWER B LVL 1 WELL	1	3.2	1.6	2	11.9	486	36	135	105	259	45
SMH-B1-2	TOWER B LVL 1 WELL	1	1.3	1.3	1	6.6	196	36	135	105	98	18
SMH-B1-3	TOWER B LVL 1 WELL	1	0.7	0.7	1	1.1	102	36	135	105	51	9
SMH-C9-1	TOWER C LVL P1 WELL	1	0.9	0.9	1	2.2	130	36	135	105	65	12
SMH-A-1	UNIT A / PLAN NORTH	9	1.2	1.2	1	5.7	186	36	135	105	88	17
SMH-A-2	UNIT A / PLAN SOUTH	9	2.5	1.2	2	5.7	370	36	135	105	183	34
SMH-B-1	UNIT B / PLAN NORTH	8	1.3	1.3	1	6.3	192	36	135	105	96	18
SMH-B-2	UNIT B / PLAN SOUTH	8	1.3	1.3	1	6.3	192	36	135	105	97	18
SMH-C-1	UNIT C	4	2.2	1.1	2	2.0	332	36	135	105	166	31

[illegible]

TAG NUMBER	SILENCER MODULE	EQUIPMENT SERVED	QUANTITY	SIZE (in)			AIRFLOW (CFM)	P.D. INCLUDING SYSTEM EFFECTS (in.wg)	PROJECT SOUND REQUIREMENT	MANUFACTURER	MODEL NUMBER	NOTES				
				W	L	H										
SA-C-R-1	INTAKE SILENCER	ASHP-C-R-1	1	288	204	36	-95178	0.09					55 dBA ABOUT 7 FT TO THE CLOSEST PROPERTY LINE	VIBRO-ACOUSTICS	VA-AY29138	1,3,5,5,6
SA-C-R-2	DISCHARGE SILENCER	ASHP-C-R-1	1	198	86	96	95178	0.23								2,3,4,5,6
	PACKAGE OVERALL DIMENSION	ASHP-C-R-1	1	288	204	192	N/A	N/A	-							
NOTES:																
1. Rectangular Dissipative silencer integrated and to be installed on top of the pit wall(provided by others). Include 2" x 2" birdscreen at the inlet.																
2. Rectangular Dissipative silencer integrated and to be installed on top of the chiller with access doors. Include 2" x 2" birdscreen at the outlet.																
3. Manufacturer must design self-supporting structural steel and withstand the seismic and wind load requirement. Manufacturer to provide calculations with PE stamp during the submittal process.																
4. Alternate manufacturer must submit acoustical calculations with PE stamp to demonstrate that the silencers will result to dBA requirement as scheduled.																
5. Alternate manufacturer must submit pressure drop calculations including system effects with PE stamp.																
6. For non-basis of design product, contractor is financially responsible to meet the project sound requirement.																



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principal architect _____
project manager _____
drawn by _____
checked by _____
job no. _____
date 5/31/2024

revisions:

2	5/31/2024	FC3
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no. date by

IFC Set 3 of 3
5/31/2024
MECHANICAL SCHEDULES

M0.07