Development Services

From Concept to Construction



More Contact Info (http://www.portlandoregon.gov//bds/article/519984)





APPEAL SUMMARY

Status: Hold for Additional Information

Appeal ID: 31469	Project Address: 455 SW Hamilton Ct
Hearing Date: 4/12/23	Appellant Name: Cameron Klenski
Case No.: M-001	Appellant Phone: 208-519-4078
Appeal Type: Mechanical	Plans Examiner/Inspector: Sean Vanderjagt, Mechanical Engineer
Project Type: commercial	Stories: 7 Occupancy: R-1 Construction Type: I-B
Building/Business Name: Rivers Edge Hotel	Fire Sprinklers: Yes - All floors.
Appeal Involves: Alteration of an existing structure	LUR or Permit Application No.: 22-148268-CO
Plan Submitted Option: pdf [File 1] [File 2] [File 3]	Proposed use: Hotel (R1 occupancy)

APPEAL INFORMATION SHEET

Appeal item 1

Code Section OMSC 607.5.4 and OSSC 717.5.4.1

Requires	Corridor damper required at supply air register (from ERV) in corridor.
Code Modification or Alternate Requested	The intent of the appeal is to address an inspection notice for a fire/smoke damper required in a corridor.
Proposed Design	The supply air diffuser is being removed from the rated corridor and placed adjacent to the rated corridor. The door between the spaces is on hold opens. Additionally, the ERV serving the space will be interlocked with the fire alarm system and shut

down and close dampers upon detection of smoke in the building.

Reason for alternative The design is equivalent from health and fire protection stand point as it removes the diffuser from

the corridor and does not allow the spreading of smoke through the HVAC unit.

APPEAL DECISION

Omission of fire / smoke damper in corridor: Hold for additional information.

Appellant may contact John Butler (503 865-6427) or e-mail at John.Butler@portlandoregon.gov with questions.

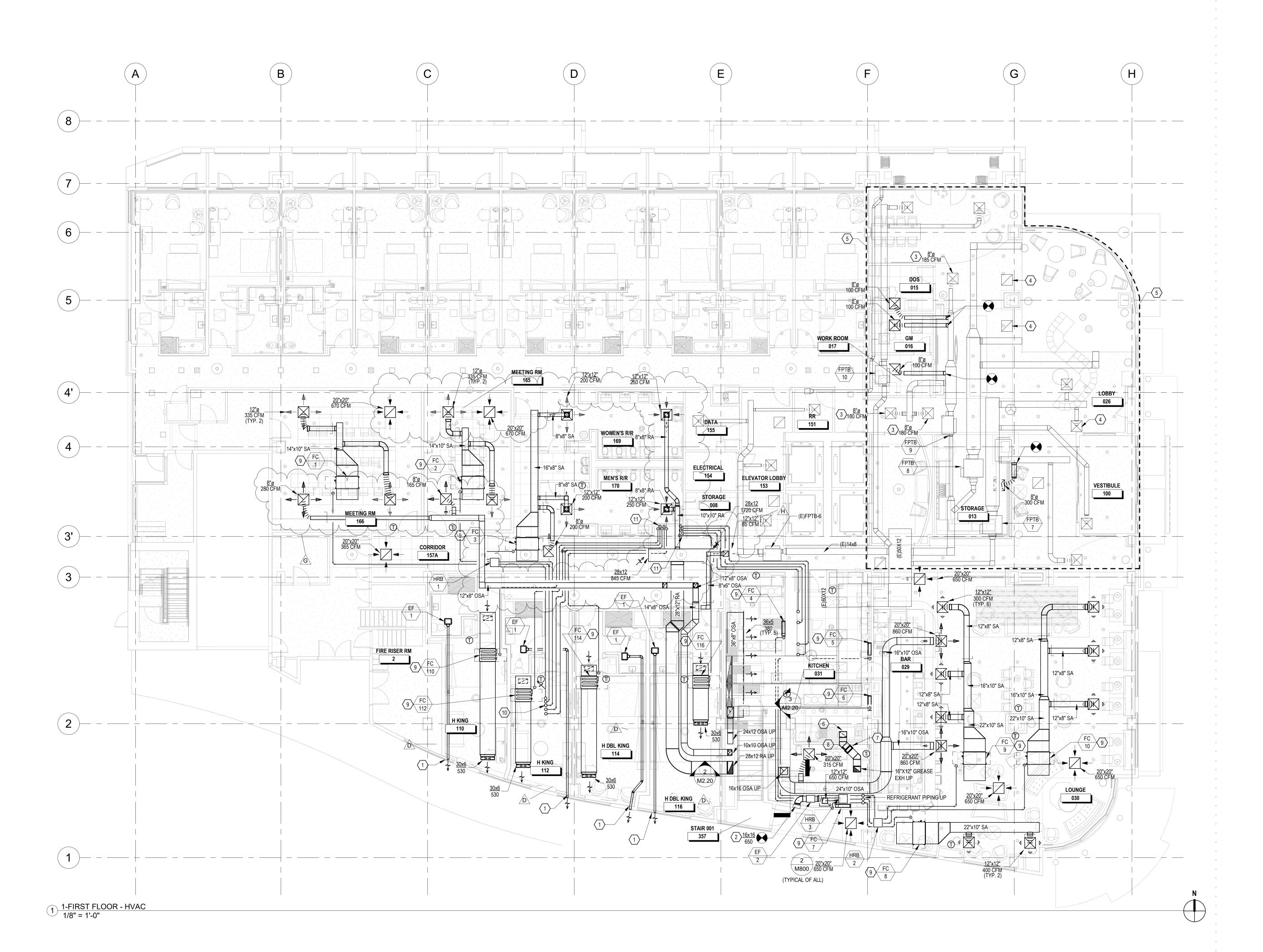
PLEASE READ THE NOTE BELOW when providing Board requested Additional Information or when submitting a reconsideration after 1st time appeal Denial.

A reconsideration is submitted online following the same submittal process and using the same appeals form as the original appeal. Indicate at the beginning of the appeal form that you are filing a reconsideration and include the original assigned Appeal ID number. The reconsideration will receive a new appeal number.

Include the original attachments and appeal language. Provide new text with only that information that is specific to the reconsideration in a separate paragraph(s) clearly identified as "Reconsideration Text" with any new attachments also referenced. Once submitted, the appeal cannot be revised.

No additional fee is required when the Board has requested additional information or for the first reconsideration of a denied appeal if submitted within 6 months of the original appeal. In these two specific instances please ignore the auto-generated request for another fee.

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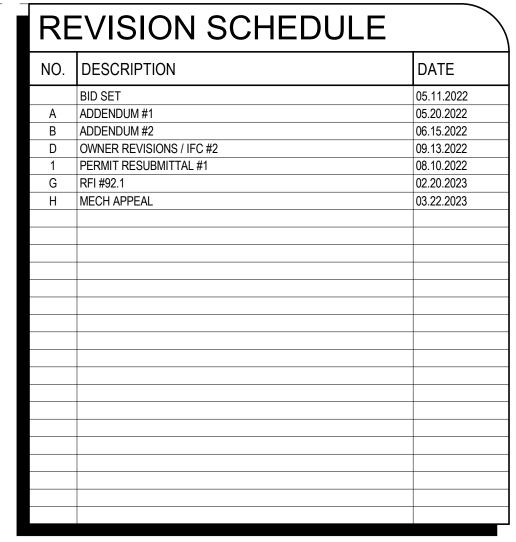
GENERAL NOTES

1. REFER TO SHEET M1.00 FOR GENERAL NOTES.

KEYED NOTES

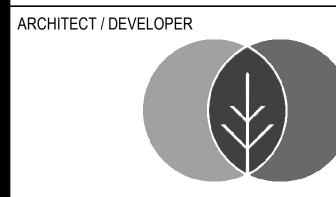
- PROVIDE 10X10 EXHAUST LOUVER, GREENHECK ESD-202 OR EQUIVALENT. CONNECT NEW EXHAUST DUCT TO EXISTING EXTERIOR LOUVER. VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
- BALANCE SUPPLY DIFFUSER TO CFM INDICATED ON PLANS. PROVIDE MANUAL VOLUME DAMPER AS REQUIRED. RELOCATE RETURN GRILLE AS REQUIRED TO COORDINATE WITH NEW ARCHITECTURAL LAYOUT & REFLECTED CEILING PLAN. EXISTING HVAC DUCT, EQUIPMENT, GRD'S & ACCESSORIES TO REMAIN AS INDICATED WITHIN AREA SHOWN ON PLANS. COORDINATE WITH NEW REFLECTED CEILING PLAN & LIGHTING LOCATIONS PRIOR TO CONSTRUCTION. ALIGN EXISTING HVAC TO NEW RCP WHERE REQUIRED. PROVIDE DUCT EXTENSIONS AND FITTINGS AS REQUIRED FOR ANY DUCTWORK REQUIRED TO BE
- KITCHEN HOOD TO BE INSTALLED BY MECHANICAL CONTRACTOR. EXHAUST FLANGE LOCATION TO BE FIELD VERIFIED & INSTALLED BY MECHANICAL CONTRACTOR. REFER TO M9.00 FOR SCHEDULE &
- INFORMATION. PROVIDE GREASE DUCT WRAP PER ASTM E2336 ON ENTIRETY OF KITCHEN HOOD EXHAUST DUCTWORK. INSTALL GREASE DUCT WRAP PER MANUFACTURER'S INSTRUCTIONS.
- ROUTE CONDENSATE DRAIN FROM FAN COIL TO TERMINATE AT NEAREST LAVATORY TAILPIECE WITH CONDENSATE DRAIN CONNECTION.
- REFRIGERANT PIPING UP FROM LEVEL ABOVE. REFRIGERANT PIPING DOWN TO GARAGE LEVEL.

PROVIDE GREASE DUCT CLEANOUT.









BRAINTREE

Checked By

PROPERTIES PERMIT RESUBMITTAL #1 8.10.2022 ≧

GENERAL NOTES

EQUIPMENT.

- A. DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL DESIGN, ARRANGEMENT, AND EXTENT OF THE SYSTEMS. DO NOT SCALE DRAWINGS FOR ROUGH-IN DIMENSIONS, NOR USE AS SHOP DRAWINGS.
- THE CONTRACT DOCUMENTS ENDEAVOR TO PROVIDE THE CONTRACTOR WITH A REASONABLE REPRESENTATION OF THE WORK TO BE PERFORMED. NOT ALL OFFSETS AND BENDS REQUIRED IN THE DUCT AND PIPING SYSTEMS CAN BE ANTICIPATED OR SHOWN. DO NOT RELY ON THE SCALE OF THE DRAWINGS FOR MATERIAL TAKE-OFFS OR COST ESTIMATION. CAREFULLY INVESTIGATE CONDITIONS SURROUNDING INSTALLATION TO PROVIDE CODE REQUIRED AND MANUFACTURER'S CLEARANCES. ALL WORK SHOWN IS DIAGRAMMATIC AND SHALL BE ROUTED TO FIT WITHIN STRUCTURE. COORDINATE WITH ALL TRADES.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL WORK IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS AND INSTRUCTIONS.
- CONTRACTOR SHALL PROVIDE A 1 YEAR WARRANTY ON ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF OWNER'S ACCEPTANCE.
- INSTALLATION MUST COMPLY WITH THE PROVISIONS OF ALL LOCAL CODES, STANDARDS AND SPECIFICATIONS. OBSERVE ALL CODES AND REGULATIONS AND GOOD COMMON PRACTICE IN LOCATING AND INSTALLING MECHANICAL EQUIPMENT AND MATERIAL SO THAT COMPLETE INSTALLATION PRESENTS THE LEAST POSSIBLE HAZARD. MAINTAIN RECOMMENDED CLEARANCES FOR REPAIR AND SERVICE TO ALL
- PROVIDE MAXIMUM MAINTENANCE ACCESS POSSIBLE AT ALL EQUIPMENT. PROVIDE MINIMUM THREE FEET CLEARANCE AT ALL ELECTRICAL PANELS, COMPRESSOR, FAN ACCESS POINTS AND ALL OTHER ACCESS REQUIRED PER MANUFACTURER'S INSTRUCTIONS.
- INSTALL VALVES, REGULATORS, DAMPERS AND ALL OTHER SUCH DEVICES REQUIRING ACCESS OR ADJUSTMENT IN PLAIN VIEW AND WITHIN REASONABLE REACH FROM LADDERS, AND ACCESS DOORS AND THE LIKE. IF VALVES, REGULATORS, DAMPERS AND THE LIKE CAN NOT BE LOCATED IN AN ACCESSIBLE POSITION, REMOTE ACTUATORS SHALL BE PROVIDED.
- H. PROVIDE OPERATION AND MAINTENANCE MANUALS PER SECTION 23 00 00.
- INFORMATION PERTAINING TO EXISTING PLUMBING PIPING, FIXTURES, ITEMS, ETC., SHOWN ON THIS DRAWINGS HAS BEEN TAKEN FROM VARIOUS RECORD DRAWINGS WITH LIMITED INVESTIGATION. SOME, BUT NOT ALL INFORMATION HAS BEEN VERIFIED AT THE SITE. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS RELATIVE TO SCOPE OF WORK. SOME PIPING, EQUIPMENT AND OTHER ITEMS HAVE BEEN SHOWN IN AN ASSUMED LOCATION, BUT NOT VERIFIED. CONTRACTOR SHALL VERIFY.
- PROVIDE 5 YEAR WARRANTY ON ALL COMPRESSORS. PROVIDE START UP AND
- K. CONTRACTOR SHALL PROVIDE FIRE RATED SLEEVES ON PENETRATIONS THRU OCCUPANCY SEPARATIONS.

WARRANTY INFORMATION TO THE OWNER.

- PROVIDE REMOTE DUCT VOLUME DAMPER OPERATORS AT ALL HARD OR INACCESSIBLE CEILINGS.
- M. UNLESS OTHERWISE NOTED ON THE DRAWINGS, ALL PIPING AND DUCT SHALL BE ROUTED IN CONCEALED SPACES. DO NOT SUPPORT DUCT OR PIPE IN DIRECT CONTACT WITH THE BUILDING STRUCTURE WITHOUT ADEQUATE MEASURES TO PREVENT NOISE DUE TO VIBRATION OF NORMAL SYSTEM USE.
- N. DUCT RUN OUT SIZES ARE SAME AS DIFFUSER OR GRILLE NECK SIZES, UNLESS OTHERWISE NOTED.
- COORDINATE DUCTWORK ROUTING WITH OTHER TRADES. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND INTERIOR AND EXTERIOR ELEVATIONS FOR EXACT LOCATION OF GRILLES, REGISTERS, DIFFUSERS AND LOUVERS. COORDINATE LOCATIONS WITH OTHER TRADES.
- P. DURING CONSTRUCTION, INSTALL TEMPORARY CLOSURES OF METAL OR TAPED POLYETHYLENE ON OPEN DUCTWORK TO PREVENT CONSTRUCTION DUCT FROM ENTERING DUCTWORK SYSTEM. REFER TO SPECIFICATION.
- DUCTWORK JOINTS AND SEAMS SHALL BE SEALED TO SMACNA SEAL CLASS A REQUIREMENTS. UL 181A-M OR 181B-M. TAPE IS NOT ALLOWED.
- R. ALL DUCTWORK IS LOW PRESSURE. CONSTRUCT SUPPLY AIR DUCT TO 1 IN WC.

CONSTRUCT RETURN AND EXHAUST AIR TO 0.5" WC.

- S. ROUTE EXPECTED PIPING AND DUCTWORK TIGHT TO STRUCTURE UNLESS OTHERWISE
- T. ALL DUCTWORK IS TO BE GALVANIZED SHEET METAL UNLESS OTHERWISE NOTED. ALL ROUND DUCTWORK IS TO BE SPIRAL WOUND.
- U. ROVIDE FLEXIBLE GLASS MINERAL WOOL DUCT INSULATION ON DUCTWORK. OSA AND EXH DUCTS: MINIMUM 2 INCHES THICK OR R-8. SUPPLY DUCTS: MINIMUM 1.5 INCHES
- V. FLEXIBLE DUCTWORK NOT TO EXCEED 5 FEET OF LENGTH.
- W. PROVIDE FINAL BALANCING REPORT OF ALL DIFFUSERS, GRILLES AND FANS.
- X. ALL CEILING DIFFUSERS ARE FOUR-WAY WITH AIR PATTERN CONTROL, UNLESS
- Y. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES, GRID AND LIGHT LOCATIONS FOR COORDINATION.
- Z. PROVIDE 1" THICK DUCT LINER IN SA AND RA DUCTWORK FOR THE FIRST TEN FEET FROM THE AIR HANDLER. TYPICAL OF ALL, UNLESS OTHERWISE NOTED. ALL DUCT LINER FOR SUPPLY DUCTS TO BE CLOSED-CELL ELASTOMERIC.

- **EXISTING FAN POWERED TERMINAL BOX** SYMBOL DESCRIPTION **SERVICE** PRIMARY AIR | INLET **HEATING COIL** PAIRED COMMENTS LAT STEPS VOLTAGE PH. MARK SIZE (LBS) (IN WC) FPTB-7 EXISTING FAN POWERED VAV BOX LOBBY WEST (E) RTU-1 FORMERLY FPTB-10 1,500 480 3 (2) 1/6 2.2 0.40 (E) 14 480 LOBBY EAST FPTB-8 EXISTING FAN POWERED VAV BOX 2.2 0.40 (E) 14 480 (E) RTU-1 FORMERLY FPTB-9 FPTB-9 EXISTING FAN POWERED VAV BOX ELEVATOR LOBBY 2.0 0.40 (E) 5 (E) RTU-1 FORMERLY FPTB-8 480 3 1/4 480 870 FPTB-10 EXISTING FAN POWERED VAV BOX SITTING AREA 1.1 0.40 277 (E) RTU-1 FORMERLY FPTB-7 455 (E) 8 FPTB-11 EXISTING FAN POWERED VAV BOX GYM 2.0 0.40 (E) 8 480 (E) RTU-1 FORMERLY FPTB-2 FPTB-12 EXISTING FAN POWERED VAV BOX STAFF LOCKERS 1.1 0.40 (E) 5 480 (E) RTU-1 FORMERLY FPTB-3 (E) RTU-1 FORMERLY FPTB-4 FPTB-13 EXISTING FAN POWERED VAV BOX STORAGE / UTILITY 675 480 3 1/6 1.1 0.40 (E) 5 480 800 | 300 | (E) | 800 | 277 | 1 | 1/4 | FPTB-14 EXISTING FAN POWERED VAV BOX ELEVATOR LOBBY 2.0 0.40 (E) 8 277 (E) RTU-1 FORMERLY FPTB-5 - 2 FPTB-15 EXISTING FAN POWERED VAV BOX BREAK ROOM - 2 277 (E) RTU-1 FORMERLY FPTB-1 500 | 200 | (E) | 500 | 277 | 1 | 1/6 | 1.1 0.40 (E) 8
- 1 REMOVE ALL OTHER FAN POWERED BOXES

	ROOF TOP UNIT																				
YMBOL	DESCRIPTION	SERVICE				5	SUPPLY						COOLING				HEATING	G	MINIMUM	WEIGHT	COMMENTS
MARK			CFM	VOLTAGE	PH.	HP	MCA	FLA	ESP	RPM DRI	/E TOTA	-	EAT DB/WB	LAT DB/WB	MIN.	INPUT	OUTPUT	STAGES	OSA	(LBS)	
									(IN WC)		CAPACITY	(MBH)	(°F)	(°F)	EER	(MBH)	(MBH)		CFM		
E) RTU-1 EXIS	STING VAV ROOFTOP UNIT		8,000	460	1														4,430		1,2,3
NOTES:																					
1 DES	SIGN BASIS: LENNOX				3	PROVIDE	MERV 1	3 FILTERS	S.												
2 REE	BALLNCE UNIT TO VALUES SHOWN ON EXI	SISTING FAN POWERED TERMINAL BOX SO	CHEDULE.																		

	FAN COIL UNIT YMBOL DESCRIPTION SERVICE NOMINAL CEM VOLTAGE PH POWER MCA MOCE ESP CAPACITY COOLING HE HEATING MINIMUM WEIGHT COMMENTS																
SYMBOL MARK	DESCRIPTION	SERVICE	NOMINAL TONS	CFM	VOLTAGE	PH.	POWER (W)	MCA	MOCP	ESP (IN WC)	CAPACITY TO MATCH	COOLING CAPACITY (MBH)	HP HEATING OUTPUT @ 47°F (MBH)	HP HEATING OUTPUT @ 17°F (MBH)	MINIMUM OSA CFM	WEIGHT (LBS)	COMMENTS
FC-1	CEILING, CONCEALED, DUCTED	MEETING ROOM 166	1.5	638	208	1	85	2.0	15.0	0.24	HP-1	19.1	21.5	18.4	-	56	1,5
FC-2	CEILING, CONCEALED, DUCTED	MEETING ROOM 165	1.5	638	208	1	85	2.0	15.0	0.24	HP-2	19.1	21.5	18.4	-	56	1,5
FC-3	CEILING, CONCEALED, DUCTED	COORIDOR, WOMENS RR 169 MENS RR 170	1.5	638	208	1	85	2.0	15.0	0.24	HP-3	19.1	21.5	18.4	-	56	1,5
FC-4	WALL MOUNT, DUCTLESS	KITCHEN	0.75	276	208	1	30	0.3	15.0	-	HP-4	9.6	10.9	10.8	-	19	2
FC-5	WALL MOUNT, DUCTLESS	KITCHEN	0.75	276	208	1	30	0.3	15.0	-	HP-5	9.6	10.9	10.8	-	19	2
FC-6	WALL MOUNT, DUCTLESS	KITCHEN	0.75	276	208	1	30	0.3	15.0	-	HP-6	9.6	10.9	10.8	-	19	2
FC-7	WALL MOUNT, DUCTLESS	KITCHEN	0.75	276	208	1	30	0.3	15.0	-	HP-7	9.6	10.9	10.8	-	19	2
FC-8	CEILING, CONCEALED, DUCTED	RESTAURANT/BAR	3.5	800	208	1	231	2.9	15.0	0.24	HP-8	42.0	47.0	47.0	-	190	3,5
FC-9	CEILING, CONCEALED, DUCTED	RESTAURANT/BAR	3.5	800	208	1	231	2.9	15.0	0.24	HP-9	42.0	47.0	47.0	-	190	3,5
FC-10	CEILING, CONCEALED, DUCTED	RESTAURANT/BAR	3.5	800	208	1	231	2.9	15.0	0.24	HP-10	42.0	47.0	47.0	-	190	3,5
FC-110	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-110	19.1	20.9	18.5	-	60	4
FC-112	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-112	19.1	20.9	18.5	-	60	4
FC-114	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-114	19.1	20.9	18.5	-	60	4
FC-116	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-116	19.1	20.9	18.5	-	60	4
FC-227	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-227	19.1	20.9	18.5	-	60	4
FC-229	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-229	19.1	20.9	18.5	-	60	4
FC-231	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-231	19.1	20.9	18.5	-	60	4
FC-233	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-233	19.1	20.9	18.5	-	60	4
FC-235	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-235	19.1	20.9	18.5	-	60	4
FC-206	SLIM, SOFFIT MOUNTED	HOTEL GUEST ROOMS, TYPICAL	1.5	530	208	1	85	1.0	15.0	0.10	HP-206	19.1	20.9	18.5	-	60	4
NOTES:			'				-		•								
1	DESIGN BASIS: LG MODEL ARNU183M1A4		3	DESIGN BA	ASIS: LG MODE	EL ARNU4	123M2A4			5. PROVID	DE CONDENSA	TE PUMP. DES	SIGN BASIS: ASPEN	MINI PLUS OR EQU	IVALENT.		
2	DESIGN BASIS: LG MODEL ARNU093SJA4		4	DESIGN BA	ASIS: LG MODE	EL ARNU1	183L2G4										

SYMBOL	DESCRIPTION	NOMINAL	VOLTAGE	PH.	MCA	MOP		COOLING				HEA ⁻	TING	SOUND	WEIGHT	COMMENTS
MARK		TONS					TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EWB (°F)	AMBIENT SEER AIR (°F) MIN.	CAPACITY 47° F (MBH)	MIN COP 47° F (MBH)	CAPACITY MIN COI 17° F (MBH) 17° F (MB	RATING	(LBS)	
HP-1	VRF, MEETING, CORRIDOR, RR	4	208	1	24	40	48	54	90	68	81		77		263	2
HP-2	VRF, KITCHEN, LOUNGE	12	208	3	51	70	144	138	90	68	162		152		666	3
HP-110	FC-110	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-112	FC-112	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-114	FC-114	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-116	FC-116	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-227	FC-227	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-229	FC-229	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-231	FC-231	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-233	FC-233	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-235	FC-235	2	208	1	20	30	24	12	90	68	27		15		159	1
HP-206	FC-206	2	208	1	20	30	24	12	90	68	27		15		159	1
NOTES:		'	1	'	'		1		-	,	•	•	,	1	•	

									EX	HAUST	FAN							
SYMBOL	DESCRIPTION	SERVICE	CFM	ESP	VOLTAGE	PH.	HP	MCA	FLA	DRIVE	RPM	TIP	INTERLOCK	WHEEL	DISCHARGE	SONES	WEIGHT	COMMENTS
MARK				(IN WC)								SPEED		TYPE			(LBS)	
												(FPM)						
EF-1	CEILING FAN	HOTEL ROOM RESTROOMS	50	0.250	120	1	10W	0.3	-	DIRECT	1,152	-	NOTE 4	-	SIDE	0.4	12	1
EF-2	INLINE, CENTRIFUGAL	1ST FLOOR GENERAL EXHAUST, KTCHEN	650	0.300	115	1	1/6	-	-	DIRECT	1,725	4,321			SIDE	8.0	50	2
EF-3	ROOFTOP DOWNBLAST	2ND FLOOR GENERAL EXHAUST	1,250	0.750	115	1	1/2	8.0	6.4	DIRECT	1,725	4,842	CONTINUOUS		DOWN	12.0	50	3

1. DESIGN BASIS: PANASONIC WHISPER FIT DC FV-0511VF1

2. DESIGN BASIS: GREENHECK SQ-95-VG

3. DESIGN BASIS: GREENHECK G-120-VG 4. PROVIDE OCCUPANCY SENSOR FAN CONTROL.

			REFRIGER	ANT HEAT R	ECOVERY E	ВОХ						
SYMBOL MARK	DESCRIPTION	SERVICE	MAX PORT CAPACITY (MBH)	MAX. UNIT CAPACITY (MBH)	NUMBER OF PORTS	VOLTAGE	PH.	AMPS	MOCP	SOUND (MAX (DBA)	WEIGHT (LBS)	COMMENTS
HRB-1	HEAT RECOVERY UNIT	HP-1	60.0	230.0	3	208	1	0.06	-	38	40	1
HRB-2	HEAT RECOVERY UNIT	HP-2	60.0	230.0	3	208	1	0.06	-	38	40	1
HRB-3	HEAT RECOVERY UNIT	HP-2	60.0	230.0	4	208	1	0.09	-	38	40	1
NOTES:									1	'		
1	BASIS OFDESIGN: LG MODEL PRHR											

	DESCRIPTION
FIREPLACE MODEL	EUROPEAN HOME MODEL H SERIES P
ROOM VOLUME (CU. FT.)	21600
BTU/H INPUT	37500
BTU/H PER CUBIC FT	1.74
CODE ALLOWED BTU/H PER CU. FT.	20
ROOM OUTSIDE AIR (CFM)	1720
NOTES:	

	DIFFUSER, REGISTER, AND GRILLE SCHEDULE											
SYMBOL	TYPE	FACE	FRAME	DAMPER	FINISH	MODEL#	COMMENTS					
SR-1	SUPPLY	DOUBLE DEFLECTION	SURFACE	YES	WHITE	PRICE 520D						
CD-1	SUPPLY	PERFORATED	LAY-IN	NOTE 1	WHITE	PRICE PMDC						
SD-1	SUPPLY	SLOT, NOTE 2	LAY-IN	NOTE 1	-	PRICE SDA						
SD-2	SUPPLY	SLOT, NOTE 3	DRYWALL	NOTE 1	-	PRICE SDB						
RG-1	RETURN	FIXED LOUVER	SURFACE	YES	WHITE	PRICE 530D						

2. 3 SLOT, 1" WIDTH, 48" LONG, 10" INLET 3. 4 SLOT, 1" WIDTH, 60" LONG, 10" INLET

	ENERGY RECOVERY VENTILATOR																							
SYMBOL	DESCRIPTION	SERVICE				SUPPLY	′ FAN							EXHAUST	FAN				EFFE	ECTIVENESS ((NOTE 1)	FILTERS	WEIGHT	COMMENTS
MARK			CFM	VOLTAGE	PH.	HP	MCA	FLA	ESP	DRIVE	CFM	VOLTAGE	PH.	HP	MCA	FLA	ESP	DRIVE	WINTER	SUMMER	SENSIBLE	TYPE	(LBS)	
									(IN WC)								(IN WC)		TOTAL	TOTAL				
ERV-1	ROOF MOUNT	LOUNGE, KITCHEN, MEETING	2,565	208	3	3.0	21.1	9.4	1.50	-	2,565	208	3	3.0	21.1	9.4	1.50	-	69%	68%	72%	MERV-13/8	1,143	1,2,3,4,5,6,7,8
NOTES:			·		·																			
1	BASED ON AHRI 1060 STANDARD COND	ITIONS.					5. PROVI	IDE SINGL	E POINT C	ONNECTIO	N													
2	PROVIDE UNIT WITH EC MOTORS. PROV	/IDE MOTORIZED DAMPERS AT OSA	AND EXH.			6. PROVIDE MERV 13 FILTER ON FRES					OVIDE MERV 13 FILTER ON FRESH AIR SIDE & MERV 8 FILTER ON EXHAUST SIDE.													
3	3 DEISNG BASIS: RENEWAIRE HE4XRTH 7. FAN MCA DATA IS FOR ENTIRE							TIRE																
4	PROVIDE MANUFACTURER'S ROOF CUR	RB WITH SEISMIC ATTACHMENTS				(8. INTER	LOCK ER	V-1WITH BU	JILDING FI	RE ALARI	и s ^ү sтем. sh	u ^Ť down	UNIT & CL	OSE DAM	PERS UP	OŇ DETE	CTION OF	SMOKE.					

1	RE	VISION SCHEDULE	
1	NO.	DESCRIPTION	DATE
1		BID SET	05.11.2022
1	Α	ADDENDUM #1	05.20.2022
1	С	OWNER REVISIONS	08.10.2022
1	1	PERMIT RESUBMITTAL #1	08.10.2022
1	Н	MECH APPEAL	03.22.2023
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6915 SW Macadam Ave. Suite #200 Portland, Oregon, 97219 Phone: (503) 892-1188 Fax: (503) 892-1190 Contact: John Thies Since 1979

ARCHITECT / DEVELOPER

CONSULTANT



PROPERTIES Project Status

PERMIT RESUBMITTAL #1 8.10.2022