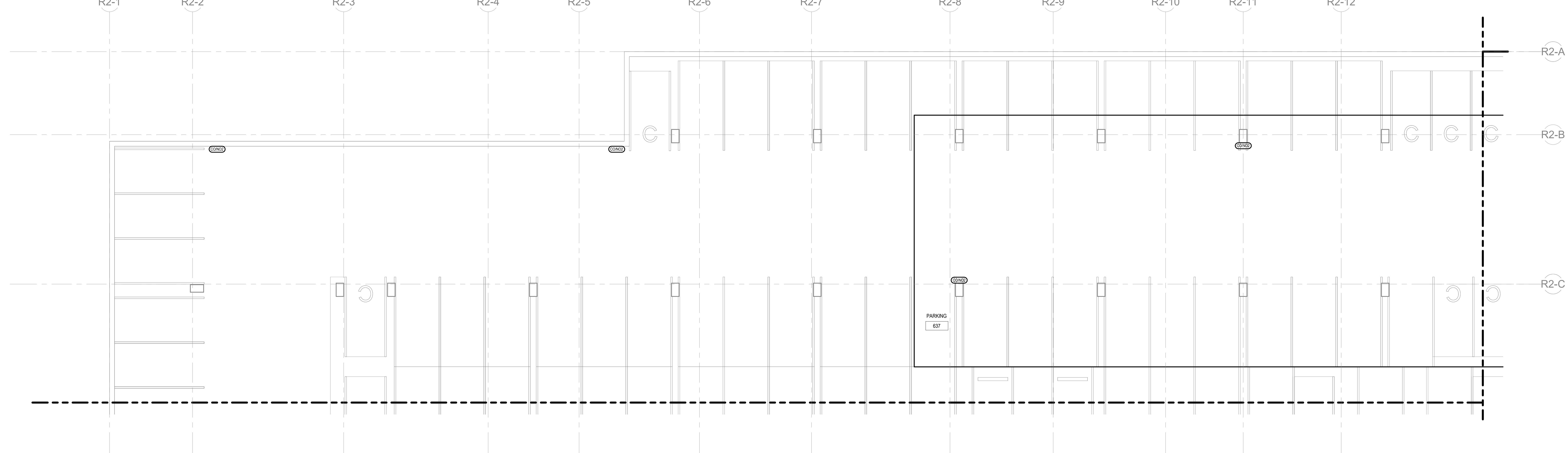


MECHANICAL SYMBOLS					
PLUMBING			PIPING		
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—	EXISTING SANITARY DRAIN (ABOVE FLOOR)	— V —	VENT	— G —	GRADE CLEAN OUT
—	EXISTING SANITARY SEWER (BELOW FLOOR)	— C —	COLD WATER (CW)	— H —	DOUBLE GRADE CLEAN OUT
S	EXISTING STORM DRAIN (ABOVE FLOOR)	— — —	HOT WATER (HW)	— H —	HOSE BBB
S	EXISTING STORM DRAIN (BELOW FLOOR)	— — —	HOT WATER CIRCULATING (HWC)	— H —	WALL HYDRANT (NON-FREEZE TYPE)
— SS —	EXISTING SUB SOIL DRAN	— — —	HOT WATER 140°	— H —	YARD HYDRANT
— AW —	EXISTING ACID WASTE (ABOVE FLOOR)	— — —	HOT WATER CIRCULATING 140°	— H —	YARD HYDRANT
— AW —	EXISTING ACID WASTE (BELOW FLOOR)	— SS —	SITE STORM SEWER	— T —	YARD HYDRANT
— NEW SANITARY DRAIN (ABOVE FLOOR)	— W —	W	SITE WATER PIPING	— T —	FLOOR DRAIN SIZE-TYPE
— NEW SANITARY SEWER (BELOW FLOOR)	G	GAS	— T —	— T —	ROOF DRAIN SIZE-TYPE
S	NEW STORM DRAIN (ABOVE FLOOR)	— S —	COLD SOFT WATER	— T —	DOWN SPOUT NOZZLE
— NEW STORM DRAIN (BELOW FLOOR)	— S —	HOT SOFT WATER	— O —	MANHOLE	
— OF —	NEW OVERFLOW STORM DRAIN (ABOVE FLOOR)	— S —	HOT SOFT WATER RECYCLING	— O —	VENT THROUGH ROOF ON RISER
— OF —	NEW OVERFLOW STORM DRAIN (BELOW FLOOR)	A	COMPRESSED AIR	— O —	
— SS —	NEW SUB SOIL DRAN	— O —	VACUUM BREAKER	— O —	
— AW —	NEW ACID WASTE (ABOVE FLOOR)	— O —	G COCK	— O —	PLUMBING RISER NUMBER
— AW —	NEW ACID WASTE (BELOW FLOOR)	— O —	RUNNING TRAP	— O —	
— AV —	ACID VENT	— I —	CLEAN OUT	— O —	
—	—	—	SHOWER	— O —	
HEATING - VENTILATING - AIR-CONDITIONING					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
— CVS —	CHILLED WATER SUPPLY	— A —	AUTOMATIC CONTROL VALVE, 2-WAY	— T —	TURNING VANES
— CVR —	CHILLED WATER RETURN	— A —	AUTOMATIC CONTROL VALVE, 3-WAY	— T —	SUPPLY OUTDOOR OR MIXED AIR DUCT END OR RISER (SA) (DA) MA
— PC —	CONDENSATE OR BOILER FEED PUMP DISCHARGE	— P —	PRESSURE REGULATING VALVE (PRV)	— T —	RETURN, EXHAUST, OR RELIEF AIR DUCT END OR RISER (RA) (EA) (RL)
— CS —	CONDENSER WATER SUPPLY FROM TOWER	— P —	PIPE IN SLEEVE	X / X	VALVE IN VERTICAL PIPE
— CR —	CONDENSER WATER RETURN TO TOWER	— P —	FAND T TRAP CAP LB/SHR	X / X	VALVE IN VERTICAL PIPE (FIRST NUMBER IS THE SIDE SHOWN)
— CO —	COLD EQUIPMENT DRAIN	— P —	ROUND DUCT	X / X	VALVE IN VERTICAL PIPE (SECOND NUMBER IS THE SIDE SHOWN)
— GS —	GLYCOL SUPPLY	— P —	BUCKET TRAP CAP LB/SHR	X / X	FLAT OVAL (FIRST NUMBER IS THE SIDE SHOWN)
— GR —	GLYCOL RETURN	— P —	AIR QUALITY SENSOR	— P —	VOLUME DAMPER
— FOS —	FUEL OIL SUPPLY	— P —	AQUASTAT	— P —	MOTORIZED DAMPER
— FDR —	FUEL OIL RETURN	— P —	CO2 SENSOR	M	REMOTE SENSOR
— FOV —	FUEL OIL VENT	— P —	HUMIDISTAT	— P —	COMBINATION FIRE AND SMOKE DAMPER WITH ACCESS DOOR
— G —	NATURAL GAS	— P —	REMOTE SENSOR	— P —	COMBINATION FIRE AND SMOKE DAMPER WITH ACCESS DOOR
— HPWS —	HEAT PUMP WATER SUPPLY	— P —	ROTHERMOSTAT	— P —	ROTHERMOSTAT WITH REMOTE SENSOR
— HPWR —	HEAT PUMP WATER RETURN	— P —	SCOLENOID VALVE (REFRIG)	— P —	SCOLENOID VALVE (REFRIG)
— HPR —	HIGH PRESSURE CONDENSATE RETURN	— P —	TERMOSTATIC EXPANSION VALVE (REFRIG)	— P —	TERMOSTATIC EXPANSION VALVE (REFRIG)
— HPS —	HIGH PRESSURE STEAM	— P —	SIGHT GLASS	— P —	SIGHT GLASS
— HWS —	HOT WATER SUPPLY	— P —	MANUAL AIR VENT	— P —	AUTOMATIC DAMPER
— HWR —	HOT WATER RETURN	— P —	PRESSURE OR TEMPERATURE MEASURING POINTS	— P —	SOUND ATTENUATOR
— LPR —	LOW PRESSURE CONDENSATE RETURN	— P —	FLOW SWITCH	— P —	FLOW SWITCH
— LPS —	LOW PRESSURE STEAM	— P —	HEATING RISER	SIZE / TYPE	SUPPLY REGISTER OR GRILLE
— MPR —	MEDIUM PRESSURE CONDENSATE RETURN	— P —	ACCESS DOOR - SIZE AS SHOWN OR PER SPEC	SIZE / TYPE	RETURN REGISTER OR GRILLE
— MPS —	MEDIUM PRESSURE STEAM	— P —	EXPANSION LOOP, WIDTH AND LENGTH	SIZE / TYPE	VALVE
— RL —	REFRIGERANT LIQUID	— P —	FITURE-TYPE (SHADED AREA INDICATES ELEMENT LOCATION)	CAPACITY MBH	TYP DIFFUSER NECK SIDE, MARK CFM
— RS —	REFRIGERANT SUCTION	— P —	NEW TO EXISTING CONNECTION	X X	TYP EXHAUST/RETURN GRILLE NECK SIDE, MARK CFM
B.D.D.	BACK-DRAFT DAMPER (COUNTER BALANCED)	— P —	POINT OF DISCONNECT	X X	TYP EXHAUST/RETURN GRILLE NECK SIDE, MARK CFM
		— P —	BREAK / CONTINUATION	X X	

MECHANICAL SYMBOLS						
PIPING			FIRE PROTECTION			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	
— T —	TEE	— D —	GLOBE VALVE	— C —	CONCENTRIC REDUCER	
— E —	ELBOW	— T —	PRESS / TEMP TEST PORT	— C —	ECCENTRIC REDUCER	
— U —	UNION	— G —	GATE VALVE	— C —	PRESSURE GAUGE WITH GAUGE COCK	
— S —	STRAINER WITH DRAIN VALVE AND HOSE END	— G —	CHECK VALVE (ARROW INDICATES FLOW)	— C —	THERMOMETER, SIDE FEED	
— B —	BALANCING VALVE	— F —	HOSE BBB	— C —	THERMOMETER, BOTTOM FEED	
— I —	ISOLATION VALVE (BALL OR BUTTERFLY)	— F —	HOSE BBB	— C —	WATER METER	
— E —	ELBOW UP	— A —	AUTOMATIC AIR VENT	— C —		
— D —	ELBOW DOWN	— V —	MANUAL AIR VENT WITH ISOLATION VALVE	— C —		
HVAC GENERAL NOTES:						
1.	DO NOT RUN DUCTWORK, PIPING, AND DUCTWORK ABOVE ELECTRICAL PANELS OR IN CODE REQUIRED CLEARANCE SPACES. COORDINATE ALL ROUTING WITH ALL OTHER TRADES.					
2.	THIN LINE ITEMS INDICATE EXISTING TO REMOVE. BOLD LINE ITEMS INDICATE NEW WORK.					
3.	CONTRACTOR IS RESPONSIBLE FOR ANY CUTTING AND PATCHING NEEDED FOR MECHANICAL INSTALLATION. PATCHING MUST MATCH EXISTING.					
PIPING GENERAL NOTES:						
1.	DO NOT RUN PIPING, PLUMBING, AND DUCTWORK ABOVE ELECTRICAL PANELS OR IN CODE REQUIRED CLEARANCE SPACES. COORDINATE ALL ROUTING WITH ALL OTHER TRADES.					
2.	DO NOT RUN PIPING, PLUMBING, AND DUCTWORK ABOVE OR THROUGH INFORMATION TECHNOLOGY AND SECURITY SYSTEMS. COORDINATE ALL ROUTING WITH ALL OTHER TRADES.					
3.	DRAWINGS, PLANS, SCHEMATICS, AND DIAGRAMS INDICATE THE GENERAL LOCATIONS AND ARRANGEMENTS OF SYSTEMS. WHEREVER PRACTICAL, PROVIDE OFFSETS AND ELEVATION CHANGES TO DUCTWORK, PIPING, AND PLUMBING AS REQUIRED TO COORDINATE THE LAYOUT AND CONSTRUCTION PROCESS AS WELL AS MEET ALL REQUIREMENTS AS SHOWN IN THE CONTRACT DOCUMENTS.					
4.	ALL HVLS AND HWRS BRANCH RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" UNLESS NOTED OTHERWISE.					
5.	SIZE AND ROUTE REFRIGERANT PIPING PER MANUFACTURERS' RECOMMENDATIONS.					
6.	ROUTE ALL HORIZONTAL HVAC PIPING IN MECHANICAL ROOMS AT A MINIMUM OF 7'-7" ABOVE FINISHED FLOOR.					
7.	INSTALL PIPING TO TERMINAL UNIT SHEET COILS AND COIL HEAT PUMPS TO REMAIN PIPING AND EQUIPMENT SHOWN WITH BOLD LINES. DO NOT ROUTE PIPING UNDER TERMINAL UNIT OR HEAT PUMP.					
8.	PIPING AND EQUIPMENT SHOWN WITH THIN LINES INDICATES EXISTING TO REMAIN PIPING AND EQUIPMENT SHOWN WITH BOLD LINES. SEE SCHEDULES FOR SIZES OF BRANCH RUNOUTS TO EQUIPMENT.					
9.	SEE SCHEDULES FOR SIZES OF BRANCH RUNOUTS TO EQUIPMENT.					
10.	ALL PIPING INSULATION SHALL MEET THE ENERGY CODE'S INSTALLED R VALUE REQUIREMENTS.					
11.	DELETION NIPPLES OR FLANGE INSULATION KITS SHALL BE UTILIZED FOR ALL DISMISAL PIPE CONNECTIONS. ELECTRIC JUNCTIONS WILL NOT BE ACCEPTED.					
HVAC GENERAL NOTES:						
1.	DO NOT RUN DUCTWORK, PIPING, AND PLUMBING ABOVE ELECTRICAL PANELS OR IN CODE REQUIRED CLEARANCE SPACES. COORDINATE ALL ROUTING WITH ALL OTHER TRADES.					
2.	DO NOT RUN DUCTWORK, PIPING, AND PLUMBING ABOVE OR THROUGH INFORMATION TECHNOLOGY AND SECURITY SYSTEMS. COORDINATE ALL ROUTING WITH ALL OTHER TRADES.					
3.	DRAWINGS, PLANS, SCHEMATICS, AND DIAGRAMS INDICATE THE GENERAL LOCATIONS AND ARRANGEMENTS OF SYSTEMS. WHEREVER PRACTICAL, PROVIDE OFFSETS AND ELEVATION CHANGES TO DUCTWORK, PIPING, AND PLUMBING AS REQUIRED TO COORDINATE THE LAYOUT AND CONSTRUCTION PROCESS AS WELL AS MEET ALL REQUIREMENTS AS SHOWN IN THE CONTRACT DOCUMENTS.					
4.	SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR DIFFUSER, REGISTER, GRILLE, AND CEILING MOUNTED DEVICE LOCATIONS.					
5.	CONTRACTOR SHALL COORDINATE LOCATION OF DUCTWORK IN CEILING SPACE WITH ALL TRADES PRIOR TO FABRICATION AND INSTALLATION OF DUCTWORK.					
6.	FOR GENERAL DUCTWORK CONSTRUCTION, SEE DUCT FITTING DETAILS.					
7.	DUCTWORK AND EQUIPMENT SHOWN WITH THIN LINES INDICATES EXISTING TO REMAIN PIPING AND EQUIPMENT SHOWN WITH BOLD LINES. INDICATES NEW.					
8.	PROVIDE VOLUME DAMPER IN ALL BRANCH TAKEOFFS CONNECTING TO DIFFUSERS, REGISTERS, OR GRILLES AND IN LOCATIONS INDICATED.					
9.	PROVIDE REMOTE VOLUME DAMPER BALANCING POSITION CONTROL FOR ALL VOLUME DAMPERS MOUNTED ABOVE NON-ACCESSED CEILINGS.					
10.	PROVIDE CLEARANCES TO ALL EQUIPMENT AS REQUIRED BY MANUFACTURERS' INSTALLATION AND OPERATION REQUIREMENTS AND/OR BY CODE.					
11.	INSTALL ALL DUCT AND PIPING IN MECHANICAL ROOMS AS HIGH AS POSSIBLE. PROVIDE 7'-4" MINIMUM HIGH ACCESS PATHWAYS TO ALL EQUIPMENT.					
12.	COORDINATE LOCATIONS OF ALL EQUIPMENT HOUSEKEEPING PADS WITH GENERAL CONTRACTOR. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR LOCATION AND LOCATION OF EQUIPMENT HOUSEKEEPING PADS.					
13.	DRAFT THIS OF ALL INSTALLED DUCTWORK DURING CONSTRUCTION TO MINIMIZE DIRT, DEBRIS, AND FOREIGN OBJECTS FROM ENTERING THE DUCT SYSTEM.					
14.	COORDINATE SCHEDULE OF SHUTDOWN FOR EXISTING HVAC SYSTEMS, FOR INSTALLATION OF NEW HVAC SYSTEMS, WITH THE OWNERS' REPRESENTATIVE PRIOR TO SHUTDOWN.					
15.	COORDINATE LOCATION OF DUCTWORK WITH ELECTRICAL CABLE TRAYS.					
16.	ALL INSULATION SHALL MEET THE ENERGY CODE'S INSTALLED R VALUE REQUIREMENTS.					
17.	PERFORM FUNCTIONAL PERFORMANCE TESTING FOR HVAC SYSTEM AND SHUT DOWN EQUIPMENT PER NFPA 5000 ECO					

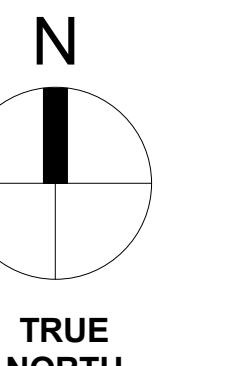
PHASE 1A - RESIDENTIAL

HōM District
Bellevue, WashingtonHINES
Development PartnerAFFINIUS CAPITAL
FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
ASSOCIATES, INC.
Structural EngineeringALVINE & ASSOCIATES, INC.
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Civil EngineeringHWA PARKING CONSULTING, LLC
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REVISIONS

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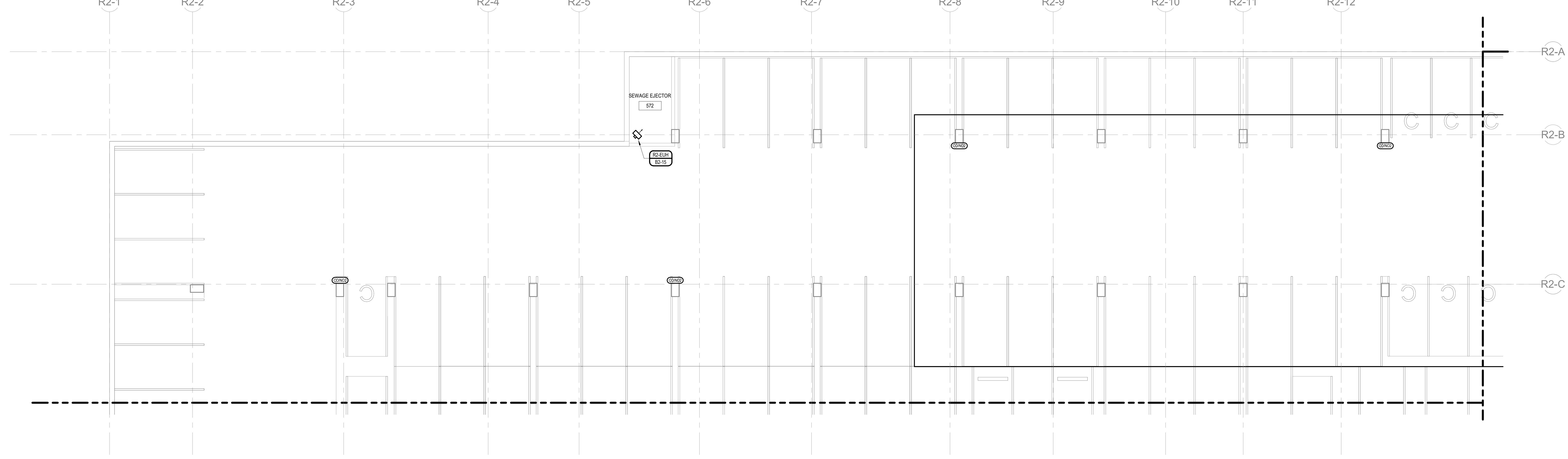
GARAGE LEVEL B1
FLOOR PLAN -
MECHANICAL

Orchard: 1201 12th Street, Suite 104
Phone: (425) 344-7022
Lincoln: 1800 Q Street, Suite 104
Phone: (425) 477-7151
Oldtown: 1240 Broadway, Suite 104
Phone: (425) 242-2480

Deer Park: 400 1st Ave. S., Suite 120
Phone: (425) 242-2480
Phone: (425) 242-2480

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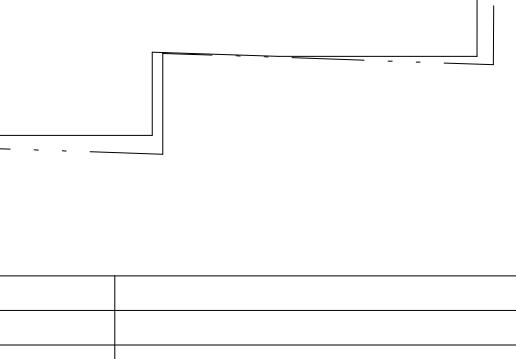
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Bellevue, WashingtonHINES
Development PartnerAFFINIUS CAPITAL
FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
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Executive ArchitectGGLO
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GARAGE LEVEL B2
FLOOR PLAN -
MECHANICAL



PROJECT NO.

DRAWING NUMBER

1

M3.00B2-2

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Lincoln: 1800 5th Street, Suite 104
Phone: (425) 242-7007
Oldtown: 1240 Broadway, Suite 104
Phone: (425) 242-1411
Puyallup: 1201 12th Street, Suite 120
Phone: (425) 242-2480

Seattle: 400 5th Avenue, Suite 100
Phone: (425) 242-1411
Tukwila: 1201 12th Street, Suite 104
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Tacoma: 1201 12th Street, Suite 104
Phone: (425) 242-1411
Vancouver: 1201 12th Street, Suite 104
Phone: (425) 242-1411

PHASE 1A - RESIDENTIAL

HōM District

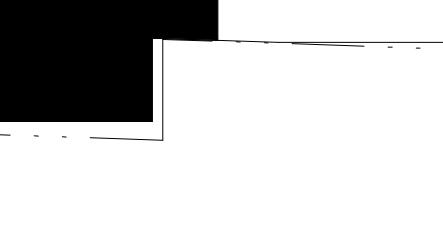
Bellevue, Washington

HINES
Developer PartnerAFFINITY CAPITAL
FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
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1 12 MAY 23 50% DESIGN DEVELOPMENT

NO. DATE ISSUE

REVISIONS

DRAWING TITLE

GARAGE LEVEL B2
FLOOR PLAN -
MECHANICAL

PROJECT NO.

DRAWING NUMBER:
M3.00B2-3

1 1/8" = 1'-0"



PHASE 1A - RESIDENTIAL
HōM District
Bellevue, Washington

HINES
Development Partner

AFFINIUS CAPITAL
Finance

BENENSON CAPITAL PARTNERS
Owner

KOHN PEDERSEN FOX ASSOCIATES
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Executive Architect

GGLO
Architect of Record - Residential

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Structural Engineering

ALVINE & ASSOCIATES, INC.
MEP / FP Engineering

DESIGN WORKSHOP
Landscape Architectured

HMA CONSULTING, INC.
Low Voltage / BMCS

PERSONH / HAHN ASSOCIATES, INC.
Vertical Transportation

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Civil Engineering

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Building Envelope

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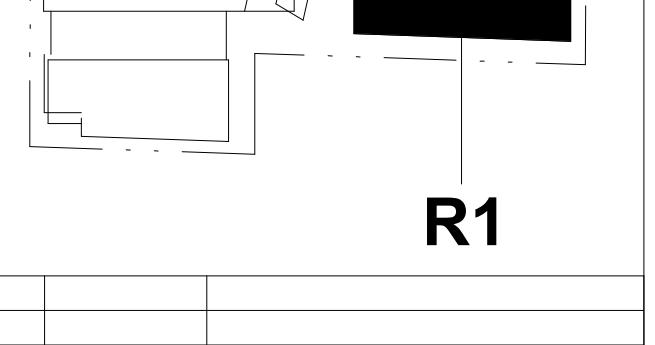
AMERICAN TRASH MANAGEMENT
Waste Management

TENW
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TRADES. READ SPECIFICATIONS.

 1 12 MAY 23 50% DESIGN DEVELOPMENT
NO. DATE ISSUE
REVISIONS

DRAWING TITLE
**R1 FLOOR PLAN -
LEVELS 4 & 5 -
MECHANICAL**

PROJECT NO. 22007 DRAWING NUMBER M3.103

Oncore: 1201 12th Street, Suite 104
Lincoln, NE 68509-1201 Phone: (402) 467-1201
Orchard: 1800 Q Street, Suite 104
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Oldtown: 1240 Broadway, Suite 120
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PROJECT NO. 22007 DRAWING NUMBER M3.103

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HōM District
Bellevue, Washington

HINES
Development Partner

AFFINIUS CAPITAL
Finance

BENENSON CAPITAL PARTNERS
Owner

KOHN PEDERSEN FOX ASSOCIATES
Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Executive Architect

GGLO
Architect of Record - Residential

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Vertical Transportation

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Civic Engineering

HWA PARKING CONSULTING, LLC
Parking Planning

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Wind Engineering / Carbon Reduction

ENTITUTIVE
Building Envelope

QUENTIN THOMAS ASSOCIATES, INC.
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APPLIED TECHNICAL SERVICES
Facade Access

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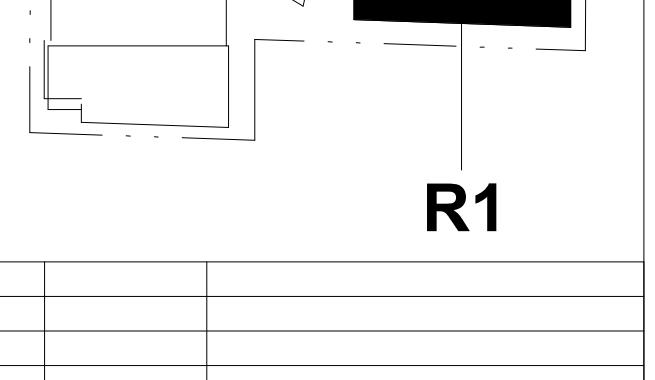
AMERICAN TRASH MANAGEMENT
Waste Management

TENW
Traffic

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1 12 MAY 23 50% DESIGN DEVELOPMENT
NO. DATE ISSUE
REVISIONS

DRAWING TITLE
R1 FLOOR PLAN - LEVELS 6 & 7 - MECHANICAL

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Lincoln: 1800 Q Street, Suite 104
Oldtown: 1240 Broadway, Denver, CO 80202
Orchard: (407) 244-1222 Phone: (407) 244-1222
Lincoln: (402) 467-4711 Phone: (402) 467-4711
Oldtown: (303) 242-2480 Phone: (303) 242-2480

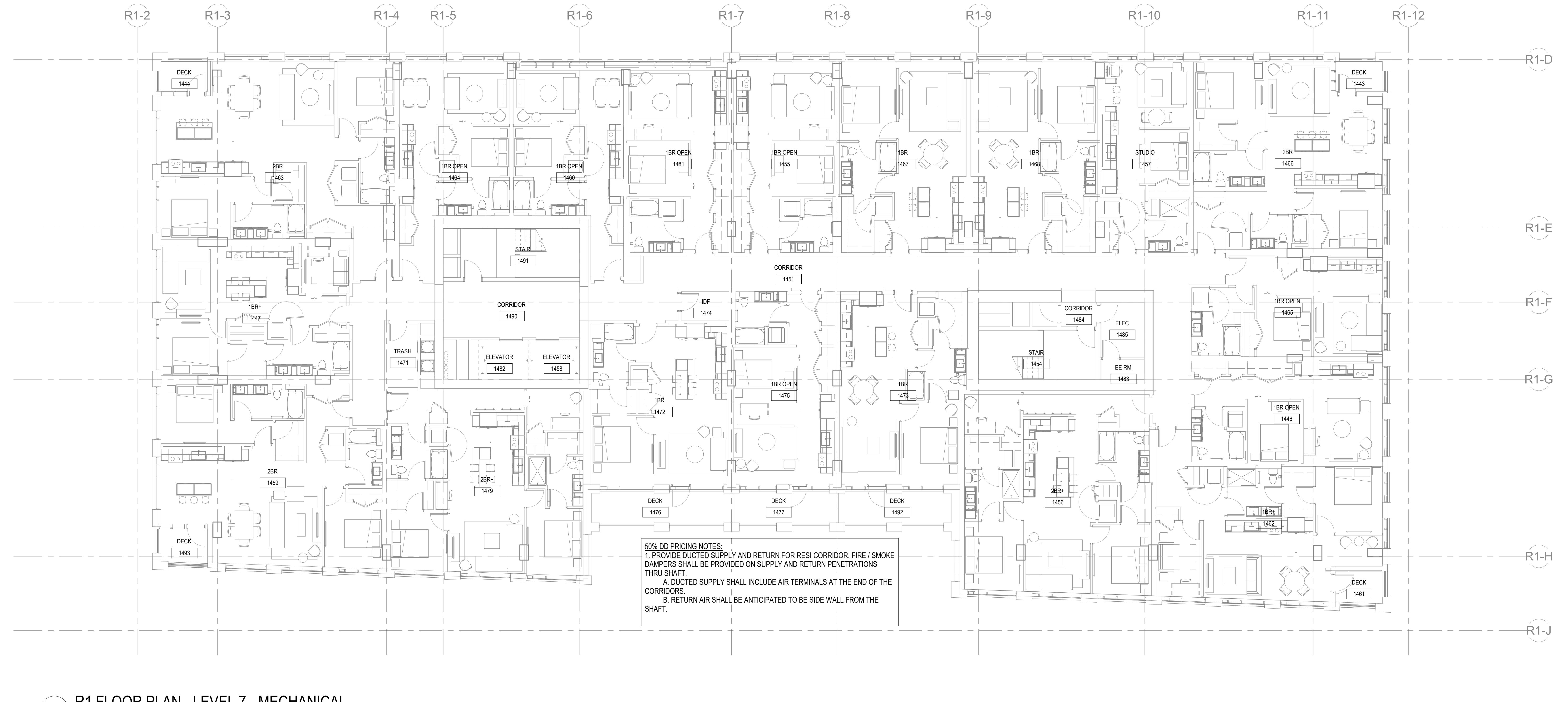
PROJECT NO. 22007 DRAWING NUMBER: M3.104

GENERAL NOTES

1. XXXXXXX
2. XXXXXXX
3. XXXXXXX

FLAG NOTES

- 1 XXX
2 XXX


2 R1 FLOOR PLAN - LEVEL 7 - MECHANICAL

1/8" = 1'-0"


1 R1 FLOOR PLAN - LEVEL 6 - MECHANICAL

1/8" = 1'-0"

PHASE 1A - RESIDENTIAL
HōM District
Bellevue, Washington

HINES
Development Partner

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Finance

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Owner

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Design Architect

KENDALL/HEATON ASSOCIATES, INC.
Executive Architect

GGLO
Architect of Record - Residential

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Structural Engineering

ALVINE & ASSOCIATES, INC.
MEP / FP Engineering

DESIGN WORKSHOP
Landscape Architectured

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Low Voltage / BMCS

PERSONH / HAHN ASSOCIATES, INC.
Vertical Transportation

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Civil Engineering

HWA PARKING CONSULTING, LLC
Parking Planning

ROWAN WILLIAMS DAVIES & IRWIN
Wind Engineering / Carbon Reduction

ENTITIIVE
Building Envelope

QUENTIN THOMAS ASSOCIATES, INC.
Lighting Design

COGET COMMISSIONING
Commissioning

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Signage

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Facade Access

CODE CONSULTANTS, INC.
Smoke Control

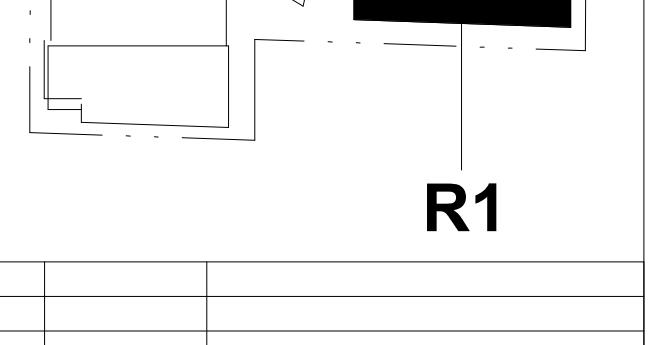
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Waste Management

TENW
Traffic

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1 12 MAY 23 50% DESIGN DEVELOPMENT

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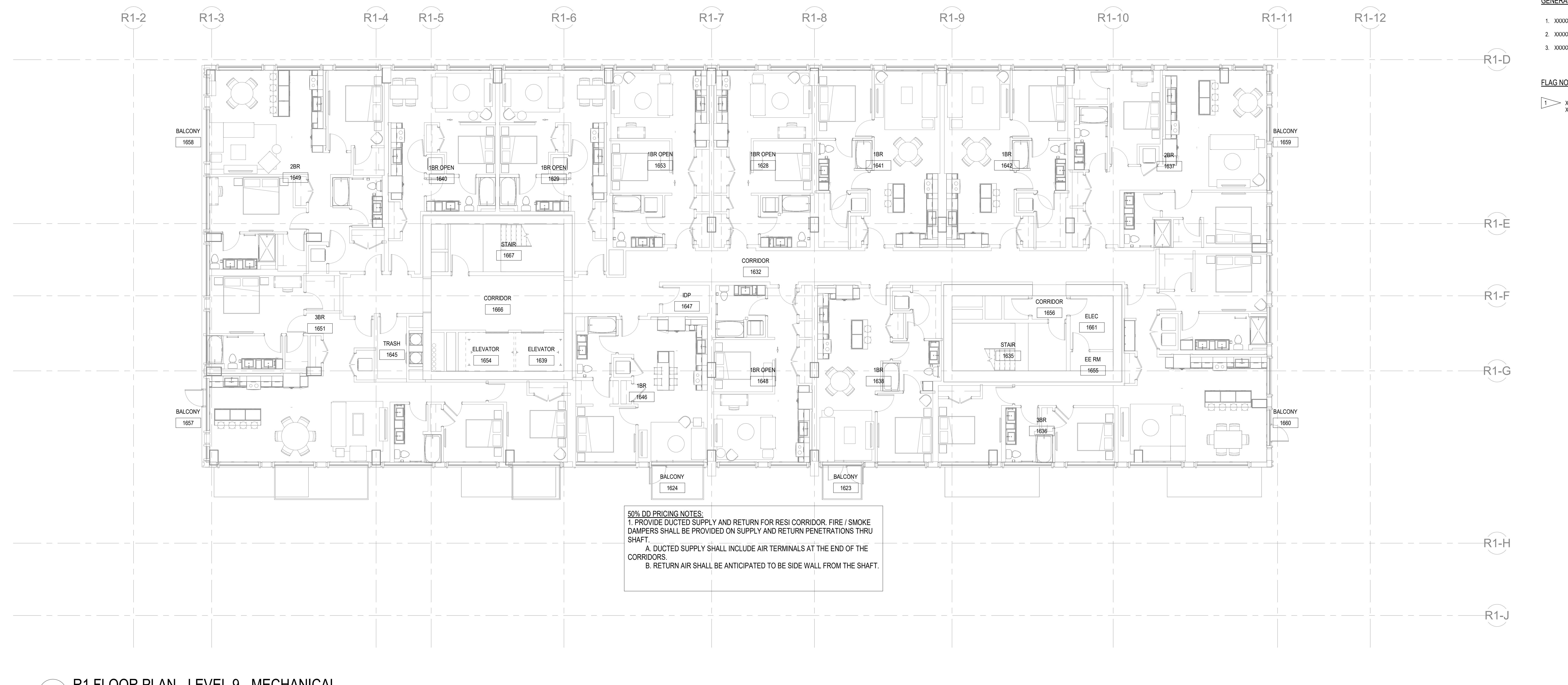
REVISIONS

DRAWING TITLE

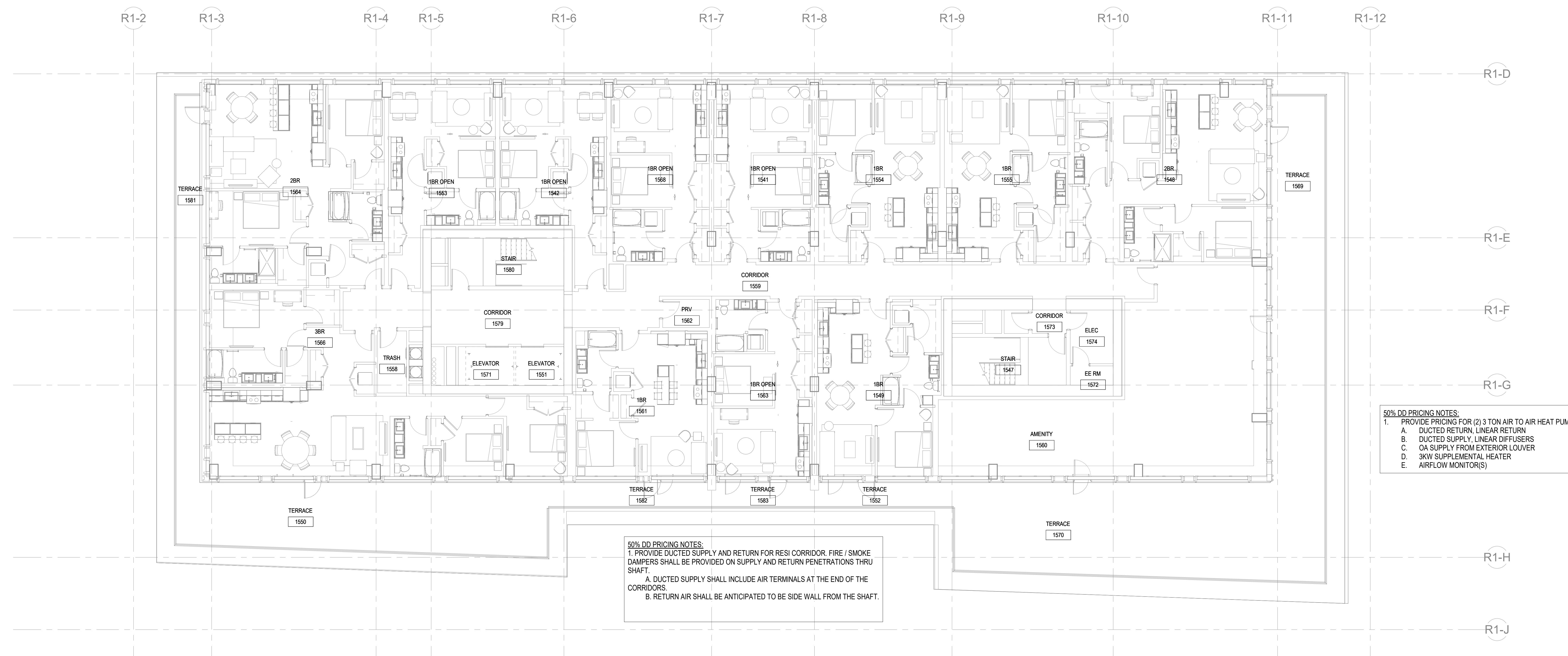
R1 FLOOR PLAN - LEVELS 8 & 9 - MECHANICAL

PROJECT NO. 22007

DRAWING NUMBER M.3105


2 R1 FLOOR PLAN - LEVEL 9 - MECHANICAL

1/8" = 1'-0"


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1 12 MAY 23 50% DESIGN DEVELOPMENT

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DRAWING TITLE

R1 FLOOR PLAN - LEVELS 8 & 9 - MECHANICAL

PROJECT NO. 22007

DRAWING NUMBER M.3105

1 R1 FLOOR PLAN - LEVEL 8 - MECHANICAL

1/8" = 1'-0"

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HōM District
Bellevue, WashingtonHINES
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FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
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Structural EngineeringALVINE & ASSOCIATES, INC.
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ASSOCIATES, INC.
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Wind Engineering / Carbon ReductionENTITATIVE
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**R1 OVERALL ROOF -
MECHANICAL**



ALVINE
Engineering

Oncore: 1201 12th Street, Suite 104
Phone: (425) 346-8722
Lincoln: 1800 Q Street, Suite 104
Phone: (425) 477-4161
Oldtown: 1240 Broadway, Suite 120
Phone: (425) 242-2480

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Development Partner

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Finance

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MEP / FP Engineering

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Low Voltage / BMCS

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Vertical Transportation

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Waste Management

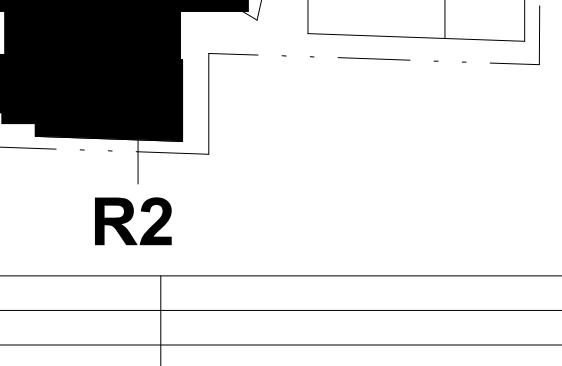
TENW
Traffic

50% DD PRICING NOTES GENERATOR:
1. COORDINATE WITH 26 CONTRACTOR FOR EXACT GENERATOR SIZING. PROVIDE PRICING FOR A FIVE YEAR MITTENABLE EMERGENCY. THE FOLLOWING LISTS SOME OF THE ITEMS BUT NOT LIMITED TO:
A. RADIATOR INTAKE & EXHAUST LOUVER SIZED AT 400 FPM.
B. DUCT SILENCER ON INTAKE & EXHAUST.
C. COMBUSTION AIR EXHAUST.
D. FUEL REMOTE FILL PANEL & PIPING.
E. FUEL VENTING.

50% DD PRICING NOTES:
1. PROVIDE PRICING FOR (5) 3 TON AIR TO AIR HEAT PUMP SPLIT SYSTEMS SERVING ENTRY, ART GALLERY, AND COWORK SPACES.
A. DUCTED REHEAT IN ENTRY.
B. Duct Supply Linear Diffusers
C. OA Supply from Exterior Louver

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1 12 MAY 23 50% DESIGN DEVELOPMENT

NO. DATE ISSUE


REVISIONS

DRAWING TITLE

R2 OVERALL FLOOR
PLAN - LEVEL 1 -
MECHANICAL

PROJECT NO. 22007

DRAWING NUMBER M3.201



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Bellevue, Washington

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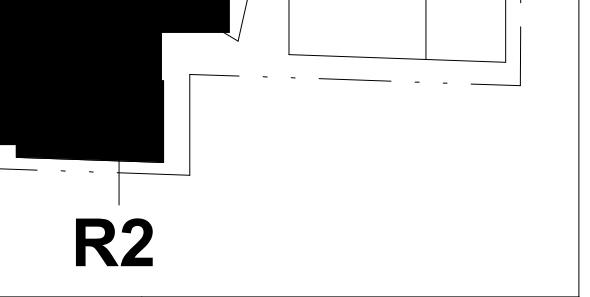
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 Waste Management

TENW
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1 12 MAY 23 50% DESIGN DEVELOPMENT

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
R2 OVERALL FLOOR PLAN - LEVEL 2 - MECHANICAL

ALVINE
 Engineering

 Lincoln: 1800 Q Street, Suite 104
 1201 2nd Avenue, Suite 1000
 Phone: (404) 544-1000
 Omaha: 1800 Q Street, Suite 104
 1201 2nd Avenue, Suite 1000
 Phone: (402) 344-7007
 Oklahoma City: 1800 Q Street, Suite 104
 1201 2nd Avenue, Suite 1000
 Phone: (402) 477-4141
 Portland: 1800 Q Street, Suite 104
 1201 2nd Avenue, Suite 1000
 Phone: (503) 242-2480

PROJECT NO. 22007

DRAWING NUMBER M3.202



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Bellevue, Washington

HINES
Development PartnerAFFINIUS CAPITAL
FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
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Structural EngineeringALVINE & ASSOCIATES, INC.
MEP / FP EngineeringDESIGN WORKSHOP
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Vertical TransportationMAGNUSSON KLEMENCIC
ASSOCIATES, INC.
Civil EngineeringHWA PARKING CONSULTING, LLC
Parking PlanningROWAN WILLIAMS DAVIES & IRWIN
Wind Engineering / Carbon ReductionENTITIVE
Building EnvelopeQUENTIN THOMAS ASSOCIATES, INC.
Lighting DesignCOGET COMMISSIONING
CommissioningD | G STUDIOS
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1 12 MAY 23 50% DESIGN DEVELOPMENT

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
REVISIONS

DRAWING TITLE

**R2 OVERALL FLOOR
PLAN - LEVEL 3 -
MECHANICAL**ALVINE
Engineering

PROJECT NO. 22007

DRAWING NUMBER M3.203



1 R2 FLOOR PLAN - LEVEL 3 - MECHANICAL

1'8" = 1'-0"

4' 8' 16' 24' 32' 40'

Orchard Lincoln Oldham Deale

1800 Q Street, Suite 104 1240 Broadway, Suite 100 400 South 1st Street, Suite 120

Phone: (404) 544-7022 Phone: (404) 544-7161 Phone: (310) 242-2480

Phone: (404) 544-7022 Phone: (404) 544-7161 Phone: (310) 242-2480

PHASE 1A - RESIDENTIAL
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Civil Engineering

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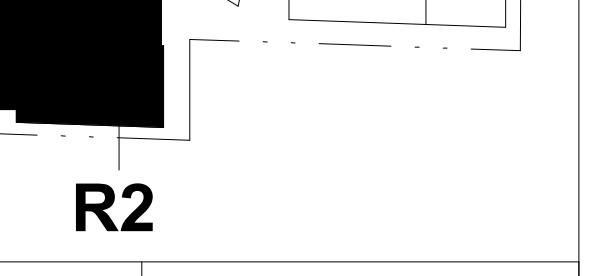
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
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Drawing Title

R2 OVERALL FLOOR PLAN - LEVEL 4 - MECHANICAL

Project No. 22007 Drawing Number M3.204



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DESIGN WORKSHOP

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Vertical Transportation

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DRAWING TITLE

R2 OVERALL FLOOR PLAN - LEVEL 5 - MECHANICAL


Lincoln: 1800 Q Street, Suite 104


Oldsmar: 1240 Broadway Avenue, Suite 100

Omaha: 400 South 40th Street, Suite 100

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Fax: (402) 346-2480 Fax: (402) 477-4160

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Vertical Transportation

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NO. DATE ISSUE

REVISIONS

DRAWING TITLE

R2 OVERALL FLOOR PLAN - LEVEL 6 - MECHANICAL


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Omaha: 1201 Cuming Street, Suite 100

Oklahoma City: 400 First Avenue, Suite 120

Phoenix: 1000 E. Camelback Road, Suite 100

Seattle: 1100 Second Avenue, Suite 120

Phone: (402) 244-7007 Phone: (402) 244-7007

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Bellevue, Washington

HINES

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Finance

BENENSON CAPITAL PARTNERS

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Design Architect

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Low Voltage / BMCS

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Waste Management

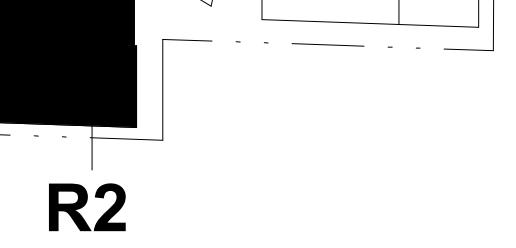
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
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 1 12 MAY 23 50% DESIGN DEVELOPMENT
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ALVINE
Engineering

**R2 OVERALL FLOOR
PLAN - LEVEL 7 -
MECHANICAL**

PROJECT NO. 22007 DRAWING NUMBER M3.207



PHASE 1A - RESIDENTIAL

HōM District

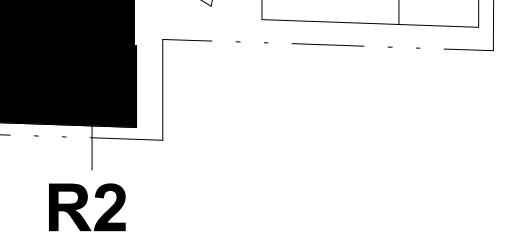
Bellevue, Washington

HINES
Development PartnerAFFINIUS CAPITAL
FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
ASSOCIATES, INC.
Structural EngineeringALVINE & ASSOCIATES, INC.
MEP / FP EngineeringDESIGN WORKSHOP
Landscape ArchitectHMA CONSULTING, INC.
Low Voltage / BMCSPERSONH / HAHN ASSOCIATES, INC.
Vertical TransportationMAGNUSSON KLEMENCIC
ASSOCIATES, INC.
Civil EngineeringHWA PARKING CONSULTING, LLC
Parking PlanningROWAN WILLIAMS DAVIES & IRWIN
Wind Engineering / Carbon ReductionENTITIVE
Building EnvelopeQUENTIN THOMAS ASSOCIATES, INC.
Lighting DesignCOGET COMMISSIONING
CommissioningD | G STUDIOS
SignageAPPLIED TECHNICAL SERVICES
Facade AccessCODE CONSULTANTS, INC.
Smoke ControlAMERICAN TRASH MANAGEMENT
Waste ManagementTENW
Traffic

PRELIMINARY

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Issue Date



R2

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1 12 MAY 23 50% DESIGN DEVELOPMENT


NO. DATE ISSUE

REVISIONS

DRAWING TITLE

**R2 OVERALL FLOOR
PLAN - LEVEL 8 -
MECHANICAL**

PROJECT NO. 22007 DRAWING NUMBER M3.208



PHASE 1A - RESIDENTIAL
HōM District

Bellevue, Washington

HINES
 Development Partner

AFFINIUS CAPITAL
 Finance

BENENSON CAPITAL PARTNERS
 Owner

KOHN PEDERSEN FOX ASSOCIATES
 Design Architect

KENDALL/HEATON ASSOCIATES, INC.
 Executive Architect

GGLO
 Architect of Record - Residential

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
 Structural Engineering

ALVINE & ASSOCIATES, INC.
 MEP / FP Engineering

DESIGN WORKSHOP
 Landscape Architect

HMA CONSULTING, INC.
 Low Voltage / BMCS

PERSOHN / HAHN ASSOCIATES, INC.
 Vertical Transportation

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
 Civil Engineering

HWA PARKING CONSULTING, LLC
 Parking Planning

ROWAN WILLIAMS DAVIES & IRWIN
 Wind Engineering / Carbon Reduction

ENTITUTIVE
 Building Envelope

QUENTIN THOMAS ASSOCIATES, INC.
 Lighting Design

COGENT COMMISSIONING
 Commissioning

D | G STUDIOS
 Signage

APPLIED TECHNICAL SERVICES
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 Smoke Control

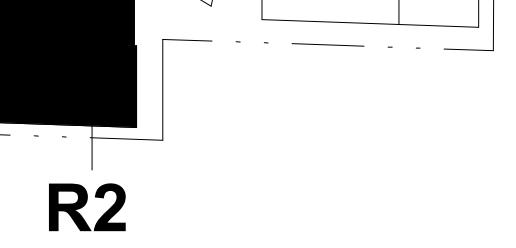
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 Waste Management

TENW
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TRUE NORTH


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1 12 MAY 23 50% DESIGN DEVELOPMENT
 NO. DATE ISSUE
 REVISIONS

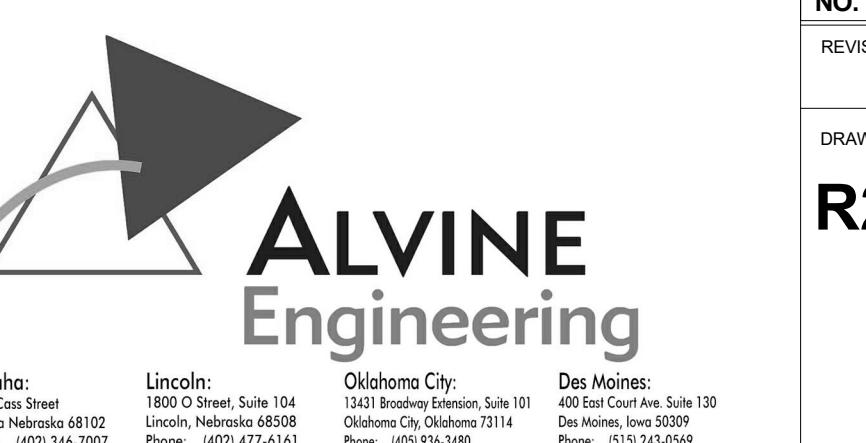
DRAWING TITLE
R2 OVERALL FLOOR PLAN - LEVEL ROOF - MECHANICAL

PROJECT NO. 22007 DRAWING NUMBER M3.210



1 R2 FLOOR PLAN - LEVEL ROOF - MECHANICAL
 1'8" = 1'-0"

4' 8' 16' 24' 32' 40'
 Omaha: 1800 Q Street, Suite 104
 Lincoln: 1201 O Street, Suite 104
 Denver: 400 17th Street, Suite 120
 Oklahoma City: 1240 Broadway, Suite 100
 Chicago: 100 N LaSalle Street, Suite 1000
 Phone: (402) 242-7027 Phone: (402) 242-7027
 Phone: (402) 242-7027 Phone: (402) 242-7027
 Phone: (402) 242-7027 Phone: (402) 242-7027



PROJECT NO. 22007 DRAWING NUMBER M3.210

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Bellevue, Washington

HINES
Development Partner

AFFINIUS CAPITAL
Finance

BENENSON CAPITAL PARTNERS
Owner

KOHN PEDERSEN FOX ASSOCIATES, INC.
Executive Architect

KENDALL/HEATON ASSOCIATES, INC.
Architect of Record - Residential

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Structural Engineering

ALVINE & ASSOCIATES, INC.
MEP / FP Engineering

DESIGN WORKSHOP
Landscape Architected

HMA CONSULTING, INC.
Low Voltage / BMCS

PERSHOHN / HAHN ASSOCIATES, INC.
Vertical Transportation

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Civil Engineering

HWA PARKING CONSULTING, LLC
Parking Planning

ROWAN WILLIAMS DAVIES & IRWIN
Wind Engineering / Carbon Reduction

ENTITATIVE
Building Envelope

QUENTIN THOMAS ASSOCIATES, INC.
Lighting Design

COGET COMMISSIONING
Commissioning

D | G STUDIOS
Signage

APPLIED TECHNICAL SERVICES
Facade Access

CODE CONSULTANTS, INC.
Smoke Control

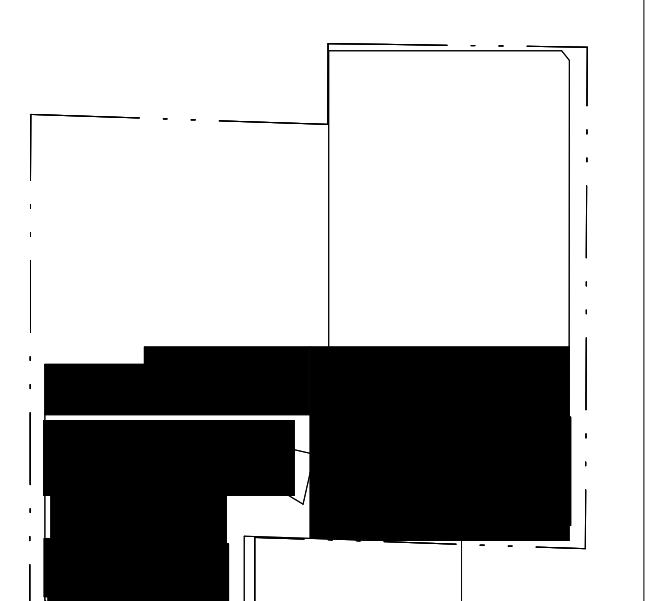
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1 12 MAY 23 50% DESIGN DEVELOPMENT

NO. DATE ISSUE

REVISIONS

DRAWING TITLE

MECHANICAL AIRFLOW RISER - TOWER R1

Onaha: Lincoln: Oldham: Denver:

1201 18th Street 1800 O Street, Suite 104 1520 Broadway, Denver, Suite 100 400 16th Street, Suite 1200

Phone: (402) 346-7007 Phone: (402) 477-4141 Phone: (312) 524-2500

Fax: (402) 346-7007 Fax: (402) 477-4141 Fax: (312) 524-2500



PROJECT NO. 22007 DRAWING NUMBER M5.102

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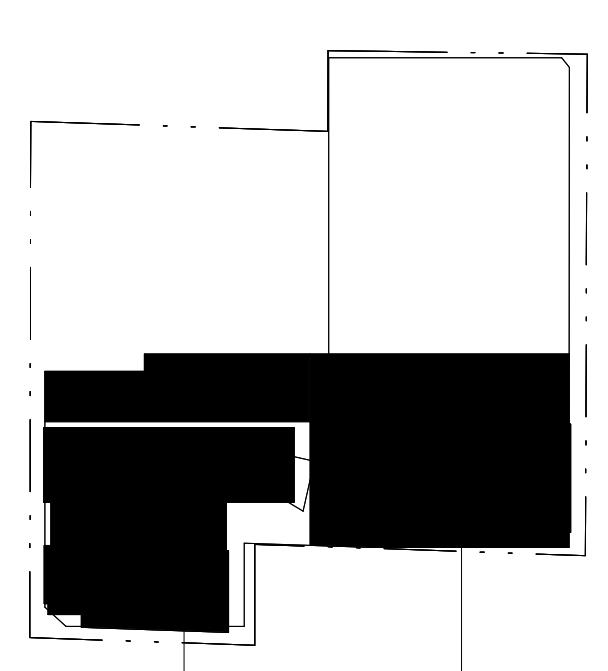
HōM District

Bellevue, Washington

HINES
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FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
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ASSOCIATES, INC.
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1 12 MAY 23 50% DESIGN DEVELOPMENT

NO. DATE ISSUE

DRAWING TITLE

**MECHANICAL
 PIPING RISER -
 TOWER R1**

Orono: 1201 Cole Street Lincoln: 1800 Q Street, Suite 104
 Bellevue, WA 98004-5122 Lincoln, NE 68508-1014
 Phone: (425) 344-7007 Phone: (402) 467-1000
 Orlon: 1240 Broadway, Denver, CO 80203-3104
 Phone: (303) 295-2480 Phone: (303) 295-2480

PROJECT NO. 22007 DRAWING NUMBER M5.103

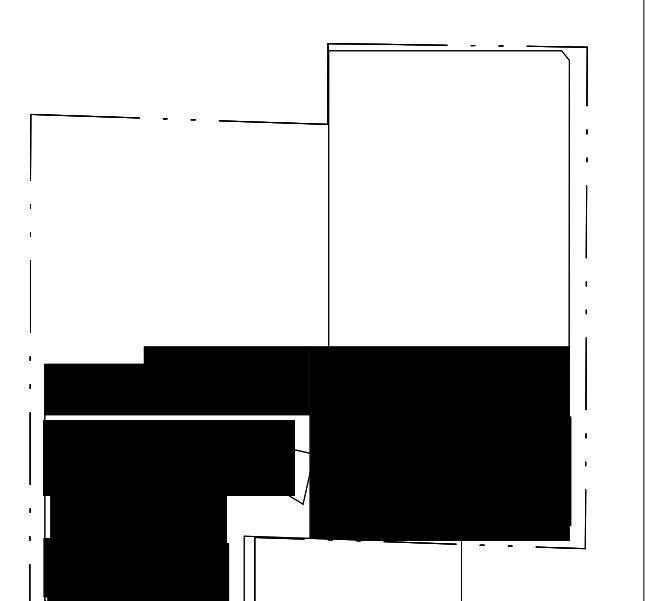
22007 M5.103

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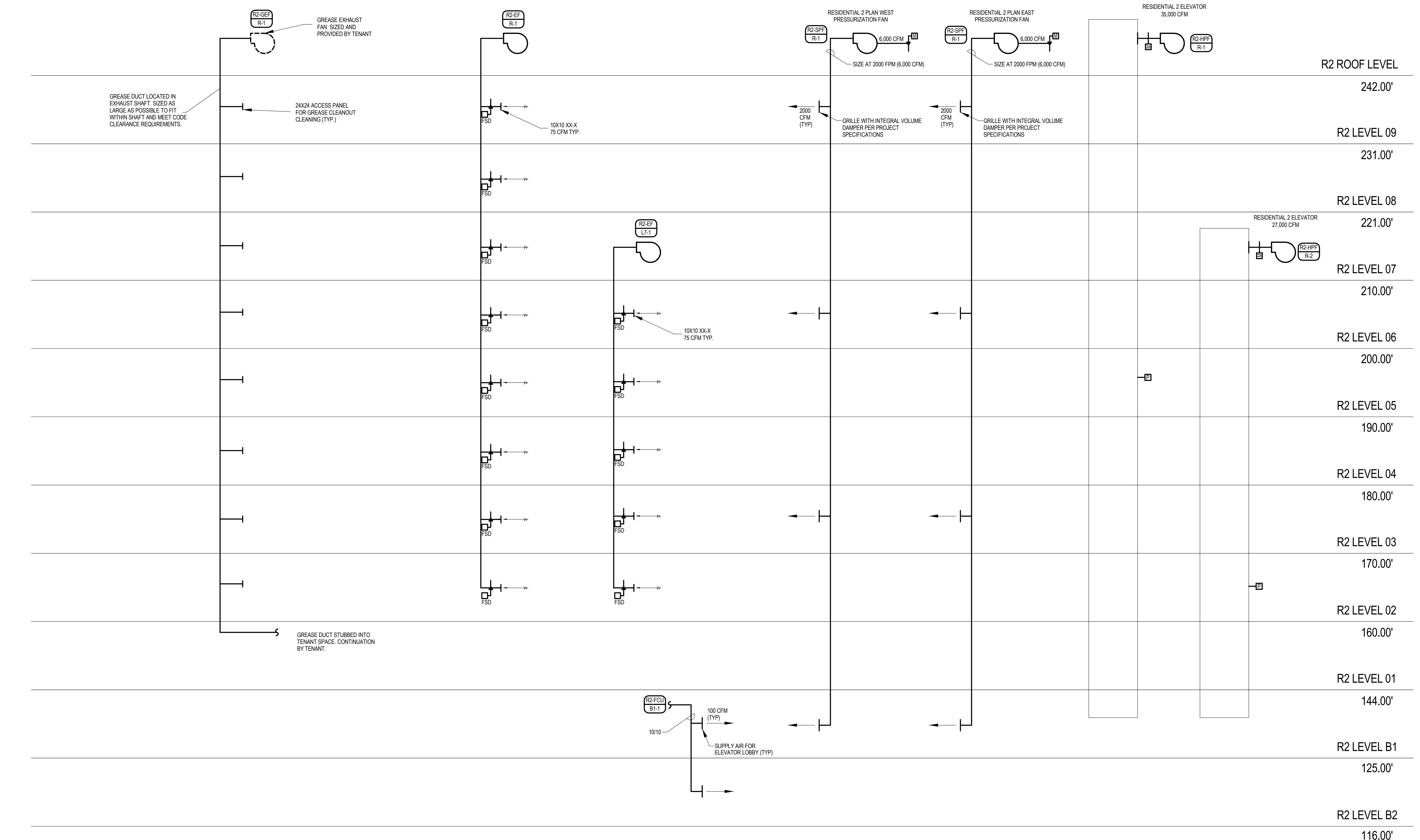
HōM District
Bellevue, WashingtonHINES
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FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
Design ArchitectKENDALL/HEATON ASSOCIATES, INC.
Executive ArchitectGGLO
Architect of Record - ResidentialMAGNUSSON KLEMENCIC
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Vertical TransportationMAGNUSSON KLEMENCIC
ASSOCIATES, INC.
Civil EngineeringHWA PARKING CONSULTING, LLC
Parking PlanningROWAN WILLIAMS DAVIES & IRWIN
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Waste ManagementTENW
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R2 R1



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1 12 MAY 23 50% DESIGN DEVELOPMENT
NO. DATE ISSUE

DRAWING TITLE

MECHANICAL
AIRFLOW RISER -
TOWER R2

Omaha: Lincoln: Oldsmar: Denver:
1201 Cass Street 1800 Q Street, Suite 104 1240 Broadway, Suite 100
Phone: (402) 344-7027 Phone: (402) 477-7451 Phone: (813) 932-2500
Phone: (402) 344-7027 Phone: (402) 477-7451 Phone: (813) 932-2500

Project No. Drawing Number:

22007 M5.201

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HōM District
Bellevue, Washington

HINES
Development Partner

AFFINIUS CAPITAL
Finance

BENENSON CAPITAL PARTNERS
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KOHN PEDERSEN FOX ASSOCIATES, INC.
Executive Architect

KENDALL/HEATON ASSOCIATES, INC.
Executive Architect

GGLO
Architect of Record - Residential

MAGNUSSON KLEMENCIC ASSOCIATES, INC.
Structural Engineering

ALVINE & ASSOCIATES, INC.
MEP / FP Engineering

DESIGN WORKSHOP
Landscape Architect

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Low Voltage / BMCS

PERSHOHN / HAHN ASSOCIATES, INC.
Vertical Transportation

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Civil Engineering

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Parking Planning

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Wind Engineering / Carbon Reduction

ENTITATIVE
Building Envelope

QUENTIN THOMAS ASSOCIATES, INC.
Lighting Design

COGET COMMISSIONING
Commissioning

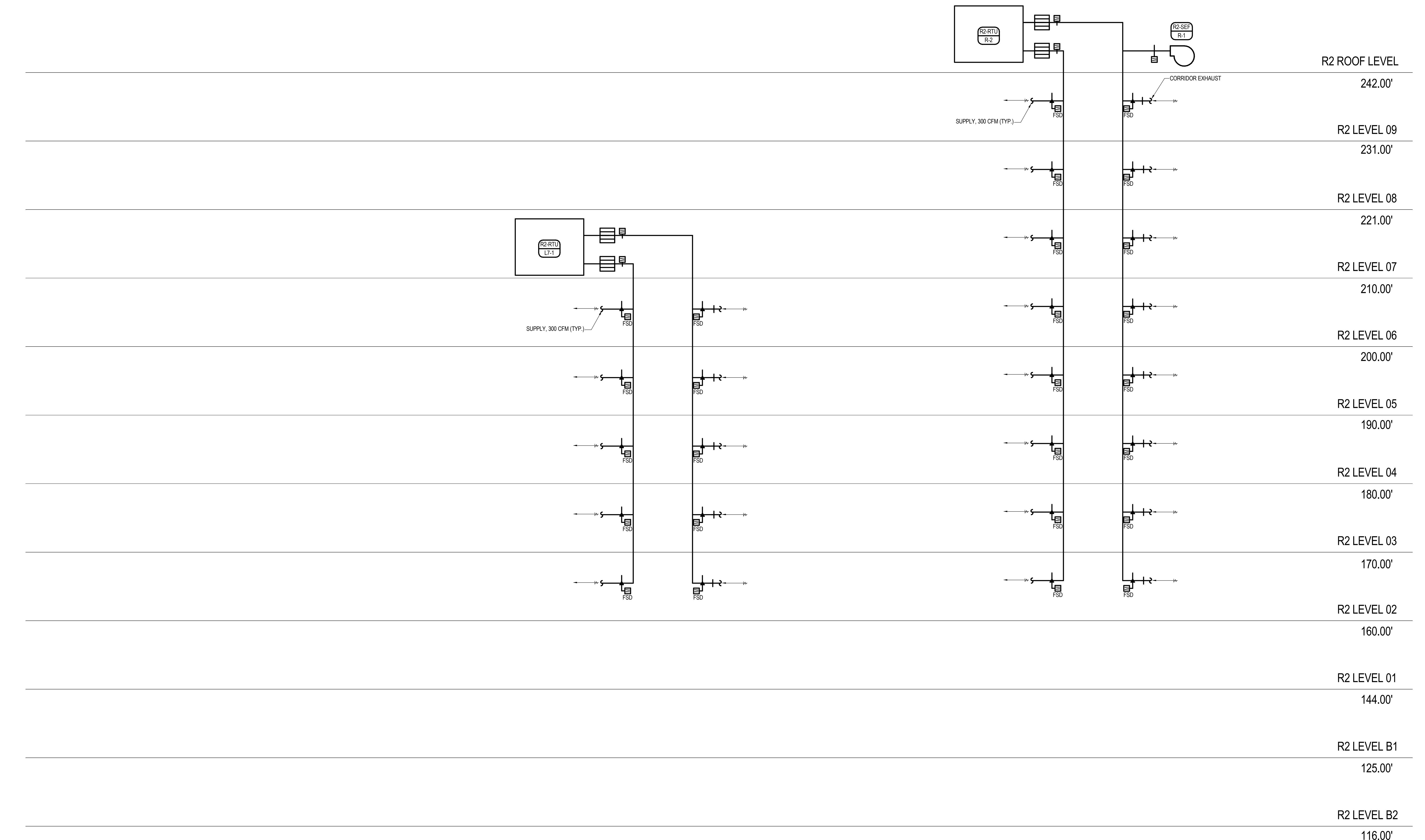
D | G STUDIOS
Signage

APPLIED TECHNICAL SERVICES
Facade Access

CODE CONSULTANTS, INC.
Smoke Control

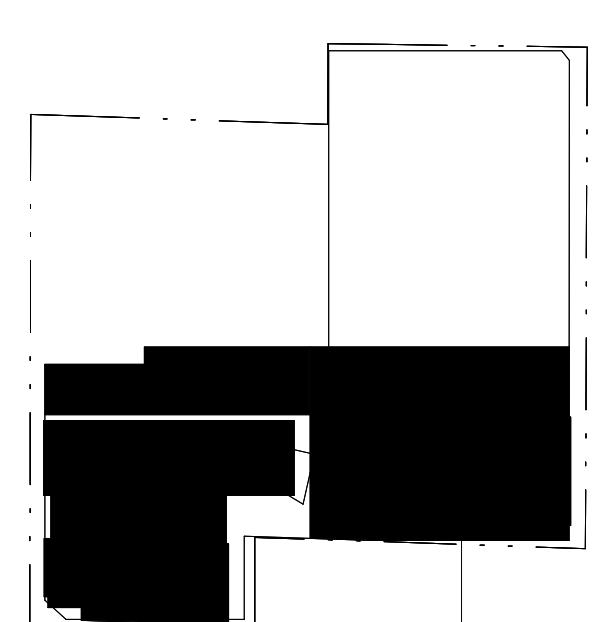
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Waste Management

TENW
Traffic



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1 12 MAY 23 50% DESIGN DEVELOPMENT

NO. DATE ISSUE

REVISIONS

DRAWING TITLE
MECHANICAL AIRFLOW RISER - TOWER R2

Onsite: Lincoln: Oldham: Denver:
1201 12th Street 1800 Q Street 1200 1200 Broadway, Denver, Suite 100
Seattle: Lincoln: Oldham: Denver:
Phone: (425) 344-7007 Phone: (404) 522-1000 Phone: (404) 522-1000
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PROJECT NO. 22007 DRAWING NUMBER M5.202



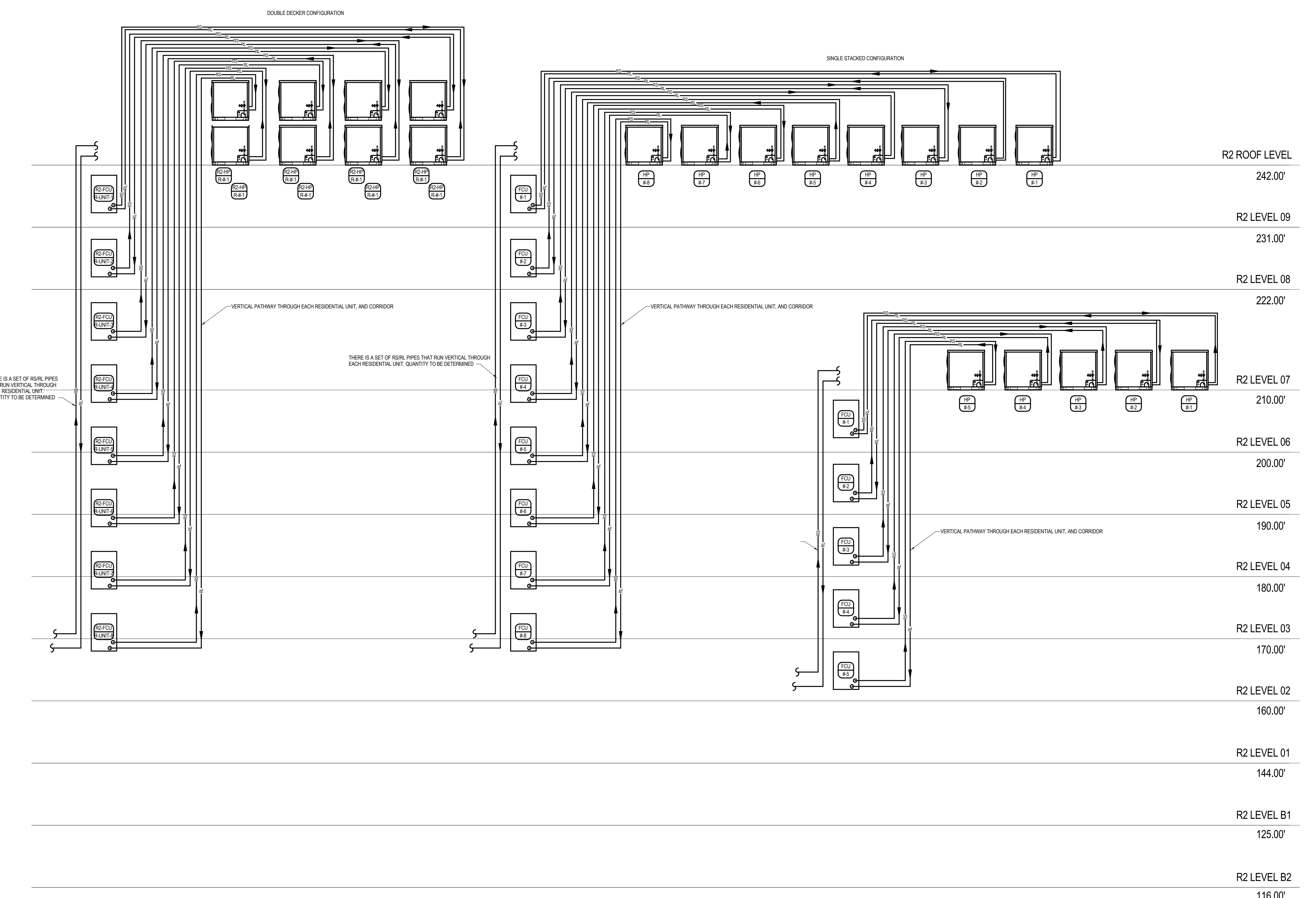
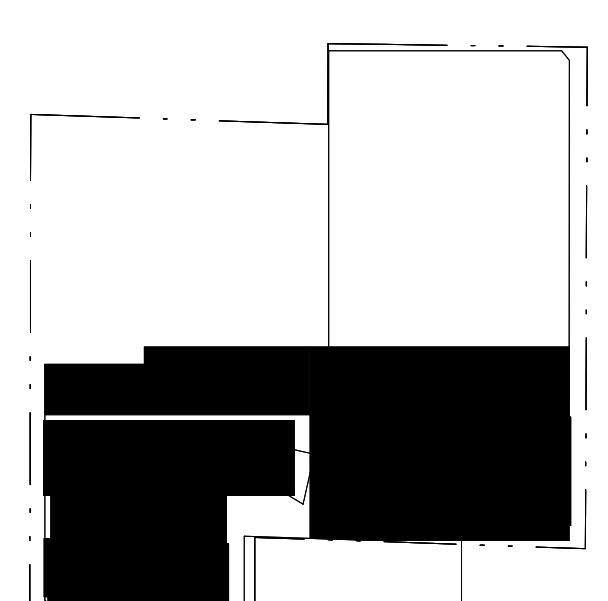
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HōM District
Bellevue, WashingtonHINES
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FinanceBENENSON CAPITAL PARTNERS
OwnerKOHN PEDERSEN FOX ASSOCIATES
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Executive ArchitectGGLO
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non-interference with other work. DO NOT FABRICATE
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TRADES. READ SPECIFICATIONS.


REVISIONS

DRAWING TITLE

MECHANICAL
PIPE RISER -
TOWER R2

Orono: 1201 Cole Street
Lincoln: 1800 Q Street, Suite 104
Oklahoma City: 1240 Broadway Avenue, Suite 101
Des Moines: 400 East 7th Avenue, Suite 120
Phone: (402) 344-7007 Phone: (402) 477-4161
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1 12 MAY 23 50% DESIGN DEVELOPMENT

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MECHANICAL DETAILS - TOWER R2

Orech: Lincoln: Oldham: Denver: Omaha:
1201 18th Street 1800 Q Street 1201 1201 Broadway, Suite 100 400 South 1st Street, Suite 100
Phone: (402) 344-7007 Phone: (402) 477-4161 Phone: (314) 241-0248
Phone: (402) 344-7007 Phone: (402) 477-4161 Phone: (314) 241-0248

PROJECT NO. 22007 DRAWING NUMBER M6.201

50% DD PRICING NOTES DEDICATED MINI-SPLITS:
• PROVIDE PRICING FOR A 1.5 UNIT EVERY OTHER
RESIDENTIAL LEVEL SERVING THE ELECTRICAL ROOM.
OUTDOOR UNITS SHALL BE LOCATED ON ROOF.

SERVES	INDOOR UNIT										OUTDOOR UNIT										MANUFACTURER	MODEL NUMBER		REFERENCE SPECIFICATION	REMARKS
	MARK	LOCATION	TYPE	OPERATING WEIGHT (LBS)	AIRFLOW (CFM)	TOTAL COOLING (BTUH)	DIMENSIONS (LxWxH) (IN)	CONDENSATE DRAIN SIZE (IN)	MARK	OPERATING WEIGHT (LBS)	TOTAL COOLING CAPACITY (BTUH)	REFRIGERANT	AMBIENT TEMP (°F)	SOUND POWER (DBA) [2]	MIN EER/SEER (A/HRI)	DIMENSIONS (LxWxH) (IN)	INDOOR	OUTDOOR							
ELEVATOR CTRL	R1-DU01	R1-B1	DUCTLESS MINI	27	715	24000	10.4x91x1.64	5/8	R1-ODU-81-1	108	24000	410A	90	54	12.5 / 18	12.6x34.25x28.9	DAIKIN	FTX24NMNUJ	R024NMNUJ	238127	1.2.3.4				
EMERGENCY ELEC	R1-DU01-2	R1-B1	DUCTLESS MINI	38	915	36000	10.4x71x1.64	5/8	R1-ODU-81-2	133	36000	410A	90	54	12.5 / 18	12.6x34.25x28.9	DAIKIN	FTX36NMNUJ	R026NMNUJ	238127	1.2.3.4				
EMERGENCY ELEC	R1-DU01-3	R1-B1	DUCTLESS MINI	35	915	36000	10.4x71x1.64	5/8	R1-ODU-81-3	133	36000	410A	90	54	12.5 / 18	12.6x34.25x28.9	DAIKIN	FTX36NMNUJ	R026NMNUJ	238127	1.2.3.4				
DAS	R1-DU01-4	R1-B1	DUCTLESS MINI	38	915	36000	10.4x71x1.64	5/8	R1-ODU-81-4	133	36000	410A	90	54	12.5 / 18	12.6x34.25x28.9	DAIKIN	FTX36NMNUJ	R026NMNUJ	238127	1.2.3.4				
MAIN ELEC	R1-DU01-5	R1-B1	DUCTLESS MINI	38	915	36000	10.4x71x1.64	5/8	R1-ODU-81-5	133	36000	410A	90	54	12.5 / 18	12.6x34.25x28.9	DAIKIN	FTX36NMNUJ	R026NMNUJ	238127	1.2.3.4				

REMARKS:

- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET EX-X FOR ELECTRICAL DATA
- OVERALL "W" WEIGHTED SCALE IN ACCORDANCE WITH ARI STANDARD 370
- INDOOR UNIT IS POWERED THROUGH THE OUTDOOR UNIT. COORDINATE WITH ELECTRICAL CONTRACTOR INTERCONNECTED WIRING.
- PROVIDE WITH DEFREST/ICING, RESTART DELAY, INVERTER, SELF DIAGNOSIS, SOFT START, AUTO RESTART, AND BUILT-IN LOW AMBIENT CONTROL TREATMENT.

MARK	SERVES	AIRFLOW DATA				COOLING DATA				HOT GAS REHEAT				HEATING DATA				MANUFACTURER	MODEL	REFERENCE SPECIFICATION	REMARKS
		TOTAL AIRFLOW (CFM)	EXT. S.P. (IN. W.C.)	MAXIMUM OUTSIDE AIRFLOW (CFM)	MINIMUM OUTSIDE AIRFLOW (CFM)	AMBIENT AIR TEMP (°F)	EAT (DB/WB)	LAT (DB)	CAPACITY (MBH)	EAT (DB/WB)	LAT (DB)	CAPACITY (MBH)	AMBIENT AIR TEMP (°F)	LAT (DB)	CAPACITY @ 17°F (MBH)	DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)				
R1-RTU-1	CORRIDOR	2400	1.5	2400	720	90.0	77.4	50.2	88.0	70.4	17.0	59.4	76.8	45.0	93.3x60.3x6.34	1165	DAIKIN	DBH09AV	237413	1.2.3.4.5.6.7	

REMARKS:

- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET EX-X FOR ELECTRICAL DATA
- PROVIDE WITH FACTORY ROOF GURD
- PROVIDE WITH NON-FUSED DISCONNECT SWITCH AND SINGLE POINT POWER CONNECTION.
- PROVIDE HORIZONTAL DISCHARGE AND INTAKE
- PROVIDE WITH ENTHALPY CONTROL ECONOMIZER
- PROVIDE WITH HOT GAS REHEAT
- PROVIDE WITH MERV 13 FILTER

50% DD PRICING NOTES ERV:
• ALL RESI UNITS SHALL HAVE HORIZONTAL EXHAUST AND INTAKE PROVIDED VIA THE ERV.
• ERV SHALL DISCHARGE TO THE ROOM
• ERV SHALL INTERLOCK WITH HP & FCU OPERATION

50% DD PRICING NOTES PACKAGED ERV:

• NO ADDITIONAL EXHAUST FANS ARE ANTICIPATED FOR RESI UNIT ROOMS. IT IS ANTICIPATED ALL EXHAUST (KITCHEN AND BATH) WILL BE PROVIDED BY THE ERV.

• GREASE EXHAUST FANS ARE ANTICIPATED TO BE PROVIDED BY RETAIL TENANT AS REQUIRED. GREASE DUCTWORK TO BE PROVIDED IN BASE SCOPE. PROVIDE GREASE EXHAUST FAN AS BID ALTERNATE).

• PROVIDE A 400 CFM INLINE TRANSFER FAN SERVING LOW VOLTAGE ROOM PER EACH LEVEL.

• PROVIDE LEFT AND RIGHT UNITS AS REQUIRED PER PLANS.

• PROVIDE WITH OUTDOOR AIR DAMPER

• PROVIDE INTERNAL ELECTRIC UNIT HEATER FACTORY CONTROLLED TO PREVENT FREEZING.

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50% DD PRICING NOTES ERV:



SPLIT-SYSTEM SCHEDULE																					
SERVES	INDOOR UNIT										OUTDOOR UNIT							MODEL NUMBER		REFERENCE SPECIFICATION	
	MARK	LOCATION	TYPE	OPERATING WEIGHT (LBS)	AIRFLOW (CFM)	TOTAL COOLING (BTUH)	DIMENSIONS (LxWxH) (IN)	CONDENSATE DRAIN SIZE (IN)	MARK	OPERATING WEIGHT (LBS)	TOTAL COOLING CAPACITY (BTUH)	REFRIGERANT	AMBIENT TEMP (°F)	SOUND POWER (dBA) [2]	MIN EER/SEER (A/HRI)	DIMENSIONS (LxWxH) (IN)	MANUFACTURER	INDOOR	OUTDOOR	REFERENCE SPECIFICATION	REMARKS
REMARKS: 1. SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET EX.X FOR ELECTRICAL DATA. 2. OVERALL IN AIR WEIGHTED SCALE EQUIVALENTS WITH STANDARD 100°F. 3. INDOOR UNIT IS POWERED THROUGH THE OUTDOOR UNIT. COORDINATE WITH ELECTRICAL CONTRACTOR INTERCONNECTED WIRING.																					
MAN ELEC	R2-DU-B1-1	R2-B1	DUCTLESS MINI	38	915	36000	10.4x7.25x13.4	5/8	R2-DU-B1-1	133	36000	410A	90	54	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
MPC	R2-DU-B1-2	R2-B1	DUCTLESS MINI	38	915	36000	10.4x7.25x13.4	5/8	R2-DU-B1-2	133	36000	410A	90	54	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
DAS	R2-DU-B1-3	R1-B1	DUCTLESS MINI	38	915	36000	10.4x7.25x13.4	5/8	R2-DU-B1-3	133	36000	410A	90	54	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
ELEVATOR CTRL	R2-DU-B1-4	R2-B2	DUCTLESS MINI	27	715	24000	10.4x7.25x13.4	5/8	R2-DU-B1-4	108	24000	410A	90	54	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
DAS	R2-DU-B2-1	R2-B2	DUCTLESS MINI	35	915	36000	10.4x7.25x13.4	5/8	R2-DU-B2-1	133	36000	410A	90	54	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
ELEVATOR CTRL	R2-DU-B2-2	R2-B2	DUCTLESS MINI	27	715	24000	10.4x9.11x16.4	5/8	R2-DU-B2-2	108	24000	410A	90	55	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4
R2-DU-B2-3	R2-B2	DUCTLESS MINI	27	715	24000	10.4x9.11x16.4	5/8	R2-DU-B2-3	108	24000	410A	90	55	12.5 / 18	12.6x34.2x26.9	DAIKIN	FTXSNMVJU	R036MVJU	238127	1.2.3.4	

ROOFTOP AIR TO AIR HEAT PUMP SCHEDULE																				
MARK	SERVES	AIRFLOW DATA				COOLING DATA				HOT GAS REHEAT				HEATING DATA				MANUFACTURER		
		TOTAL AIRFLOW (CFM)	EXT. IN. (W.C.)	MAXIMUM OUTSIDE AIRFLOW (CFM)	AMBIENT AIR TEMP (°F)	EAT (DB/WB)	LAT (DB/WB)	CAPACITY (MBH)	EAT (°F)	LAT (°F)	CAPACITY (MBH)	AMBIENT AIR TEMP (°F)	EAT (DB)	LAT (DB)	CAPACITY @ 17°F (MBH)	DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)	MODEL	REFERENCE SPECIFICATION	REMARKS
R2-RTU-1	CORRIDOR	2400	1.5	2400	720	90	77.4	50.2	88.0	70.4	17.0	59.4	76.8	45.0	93-3460.3x64.3x4.34	1165	DAIKIN	DBH0904V	237413	1.2.3.4.5.6.7
R2-RTU-1.1	CORRIDOR	1500	1.3	1500	450	90	77.4	54.4	46.5	37.2	17.0	59.4	74.8	25.0	74x8.51x39.78	590	DAIKIN	DBH0401D	237413	1.2.3.4.5.6.7

50% DD PRICING NOTES PACKAGED ERV:
• ALL RESI UNITS SHALL HAVE HORIZONTAL EXHAUST AND INTAKE PROVIDED VIA THE ERV.
• ERV SHALL DISCHARGE TO THE ROOM
• ERV SHALL INTERLOCK WITH HP & FCU OPERATION
7. PROVIDE WITH MERV 13 FILTER

PACKAGED ENERGY RECOVERY VENTILATOR SCHEDULE																						
MARK	SERVES	ENERGY RECOVERY TYPE	ENERGY RECOVERY OUTSIDE/SUPPLY AIR				ENERGY RECOVERY EXHAUST AIR				MIN EFFECTIVENESS % (SUMMER/WINTER)				DIMENSIONS (LxWxH) (IN)				MANUFACTURER	MODEL	REFERENCE SPECIFICATION	REMARKS
			AIRFLOW (CFM)	S.P. (IN. W.G.)	EXT (DB/WB)	LAT (DB/WB)	EAT (DB)	LAT (DB)	EXT (DB/WB)	LAT (DB/WB)	EAT (DB)	LAT (DB)	SUMMER [2]	WINTER [2]	SUMMER [2]	WINTER [2]	SUMMER [2]	WINTER [2]				
R2-ERV-A	RESI - 1 BED	CORE	50	0.4	8054	76.95	26.0	34.6	50	0.4	7260	75.262	70.0	61.2	35-34236-78	50	PANASONIC	FV102E2	237223	1.2.3.4.5.6.7.8.9		
R2-ERV-B	RESI - 1 BED	CORE	70	0.4	8054	76.95	26.0															