AIR CONDITIONING UNIT - SPLIT SYSTEM TYPE

SYMBOL	SPECIFIED MANUFACTURER AND SERIES NO.	AREA SERVED	COOLING CAP.		A - INDOOR - UNIT ***		B - OUTDOOR - UNIT ***				TOTAL ELECTRICAL**		MAX. OUTDOOR UNIT WEIGHT	MAX. INDOOR UNIT WEIGHT	REMARKS
			TOTAL MBH	SEER	FAN		COMPRESSOR		FAN						
					CFM	FLA	QTY	RLA (EA)	QTY	FLA	MCA	VOLT/PH			
AC-1	MITSUBISHI PKA/PUY	ELEVATOR MACH. 121	34.2	14.0	705	0.57	1	8	1	0.75	25	208/1	250	75	W/ CONDENSATE PUMP

* COOLING CAPACITY IS ARI RATING: AT 80° F DB; 67° F WB INDOOR COIL EAT AND 95° F OUTDOOR COIL EAT.

** INDOOR UNIT IS POWERED OFF OUTDOOR UNIT DISCONNECT.

*** ON PLANS "A" DESIGNATES INDOOR UNIT, "B" DESIGNATES OUTDOOR UNIT. (e.g. AC-1B IS AC-1 OUTDOOR UNIT)

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
C	CONDENSATE (C)
RL	REFRIGERANT LIQUID (RL)
RG	REFRIGERANT GAS (RG)
T	THERMOSTAT
2 / M3.1	DETAIL/SECTION IDENTIFICATION NUMBER SHEET ON WHICH DETAIL IS SHOWN

ABBREV.	DESCRIPTION
AHJ	AUTHORITY HAVING JURISDICTION
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASSY	ASSEMBLY
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT/HOUR
BLDG	BUILDING
CAP	CAPACITY
COMP	COMPRESSOR
CONN	CONNECTION
CONT	CONTINUE, CONTINUATION
CFM	CUBIC FEET PER MINUTE
DEG F, °F	DEGREE FAHRENHEIT
DIA, Ø	DIAMETER
DN	DOWN
DWG	DRAWING
DB	DRY BULB
EA	EACH
ECM	ELECTRONIC COMMUTATED MOTOR
EFF	EFFICIENCY
ELEC	ELECTRICAL, ELECTRIC
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
EER	ENERGY EFFICIENCY RATIO
EAT	ENTERING AIR TEMPERATURE
EWB	ENTERING WET BULB
EDB	ENTERING DRY BULB
FLEX	FLEXIBLE
FL	FLOOR
FLA	FULL LOAD AMPS
HP	HORSE POWER
INTEGR.	INTEGRAL
IN	INCH
KW	KILOWATT
MFR	MANUFACTURER
MBH	THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MECH	MECHANICAL
MIN	MINIMUM
NO.	NUMBER
NTS	NOT TO SCALE
PH	PHASE
P.D.I.	PLUMBING AND DRAINAGE INST.
RLA	RATED LOAD AMPS
REF	REFERENCE
RL	REFRIGERANT LIQUID
RG	REFRIGERANT GAS
REQ'D	REQUIRED
RM	ROOM
TEMP	TEMPERATURE
TYP	TYPICAL
V	VOLTS, VOLTAGE, VENT
WA	WATT
WB	WET BULB
WSEC	WASHINGTON STATE ENERGY CODE
W/	WITH

NOTE: FOR DESCRIPTION OF OTHER ABBREVIATIONS SEE SYMBOL LISTING TO THE LEFT, EQUIPMENT/ITEMS SCHEDULES, AND ABBREVIATIONS LISTED IN SPECIFICATIONS

MECHANICAL GENERAL NOTES

1. ALL WORK IS BASE BID UNLESS SPECIFICALLY NOTED AS ALTERNATE BID WORK.
2. ALL ITEMS ARE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.
3. MECHANICAL EQUIPMENT 1/2 HP AND LESS SHALL HAVE ANY REQUIRED STARTER/CONTROL RELAY PROVIDED BY DIVISION 23 (EXCEPT WHERE SPECIFICALLY SHOWN OR SPECIFIED OTHERWISE).
4. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING SEISMIC & EXPANSION JOINTS. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING SYSTEMS WHICH CROSS SUCH JOINTS, SIZED/CONFIGURED TO ACCOMMODATE MOVEMENT IN ANY DIRECTION W/O PERMANENT DAMAGE. SUBMIT DETAILS OF FLEXIBLE CONNECTIONS & LOCATIONS.
5. PIPE ROUTING: ALL PIPING SHOWN IS SCHEMATIC, CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES. ALL PIPING SHALL BE RUN CONCEALED, UNO.
6. CONDENSATE DRAINS: PROVIDE PRIMARY CONDENSATE DRAINS FOR UNITS GENERATING CONDENSATE IN ACCORDANCE WITH CODE REQUIREMENTS & AS SHOWN ON DRAWINGS.

HULTZ BHU engineers inc
1111 Fawcett Ave Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 19-160

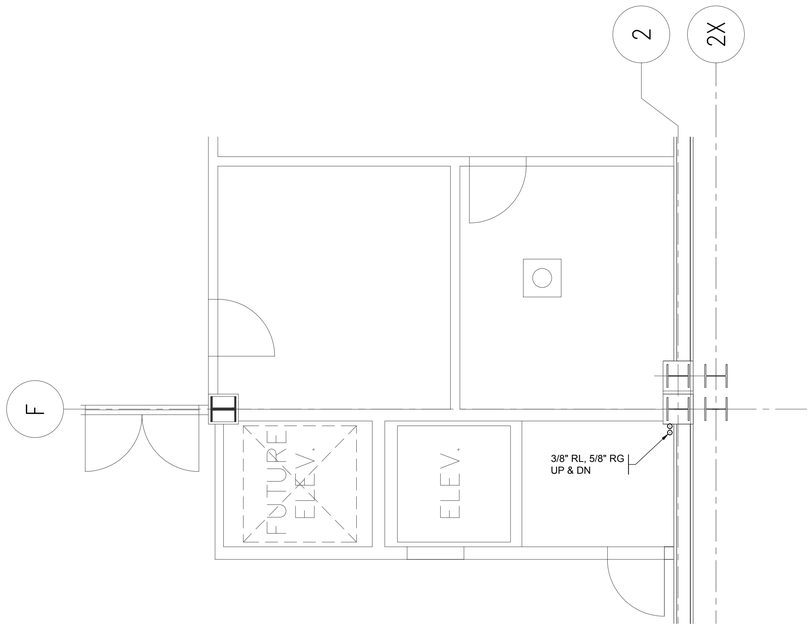
UNITED STATES POSTAL SERVICE
SEATTLE NDC - ELEVATOR UPGRADE & NEW INSTALL
34301 9TH AVE. S.
FEDERAL WAY, WA 98003

SIGNED 10-16-2019

SHEET TITLE: MECHANICAL NOTES & LEGEND
DRAWN: NH CHECKED: RH
DATE: 10-16-19 PROJECT NO. 19-160
REVISIONS:

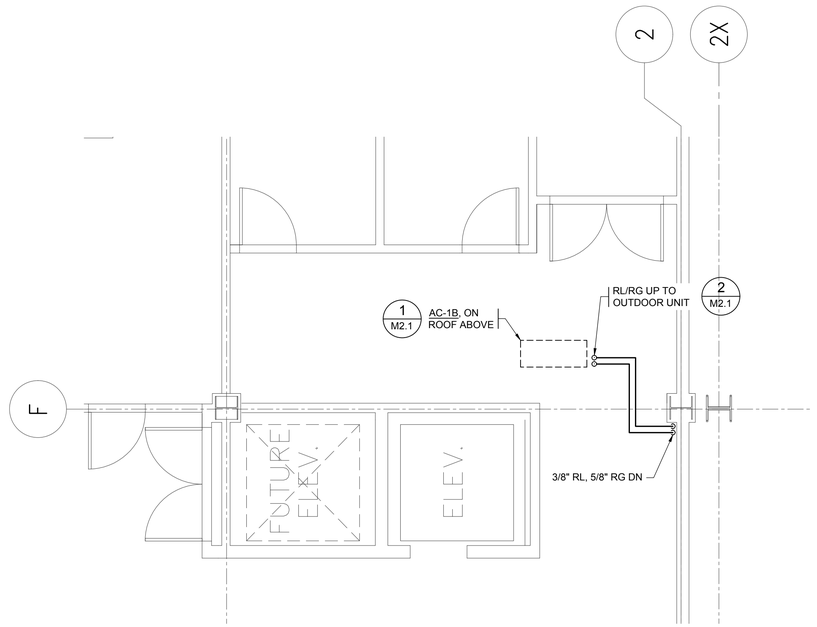
SHEET
M1.0

0" 1" 2"
SHEET SIZE IS TRUE SCALE WHEN ABOVE LINE MEASURES AS NOTED



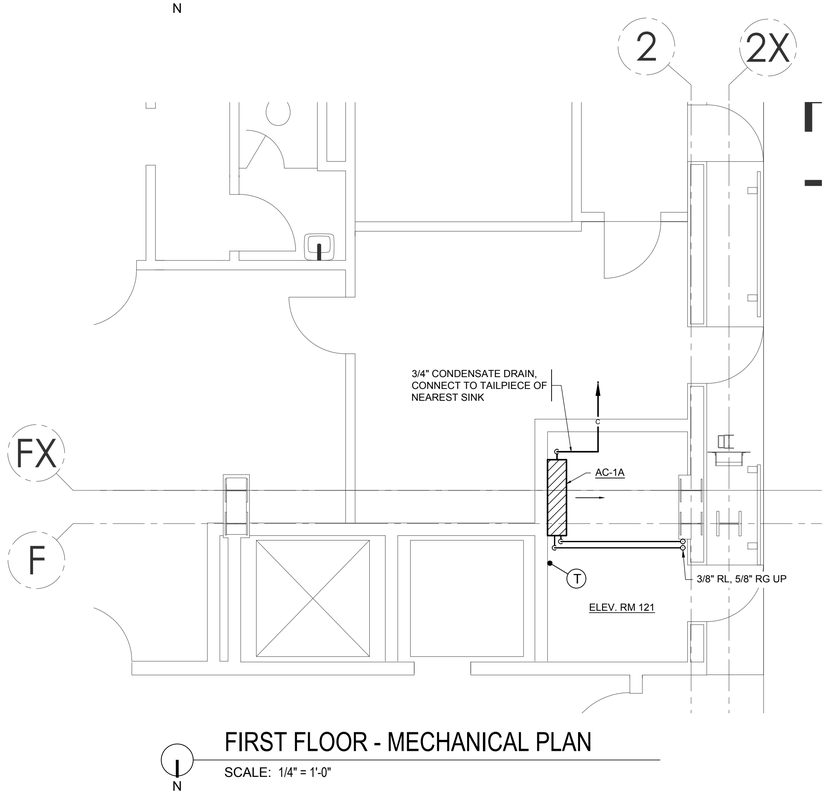
SECOND FLOOR - MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



THIRD FLOOR - MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



FIRST FLOOR - MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. SEE GENERAL MECHANICAL NOTES, SHEET M1.0.
2. LOCATION OF INDOOR UNIT IS APPROXIMATE. CONTRACTOR RESPONSIBLE TO COORDINATE WITH ELEVATOR EQUIPMENT AND SELECT FINAL LOCATION.
3. REFRIGERANT ROUTING SHOWN IS APPROXIMATE. CONTRACTOR RESPONSIBLE TO SELECT FINAL ROUTING.

1' 4'
0' 2' 8'
SCALE 1/4" = 1'-0"

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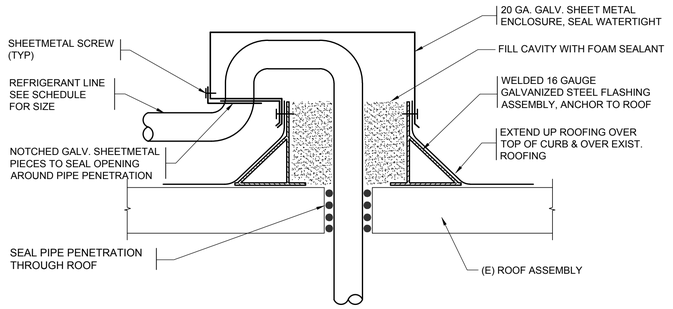
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FEDERAL WAY, WA 98003

SIGNED 10-18-2019

SHEET TITLE: MECHANICAL PLANS
DRAWN: NH CHECKED: RH
DATE: 10-18-19 PROJECT NO. 19-160
REVISIONS:

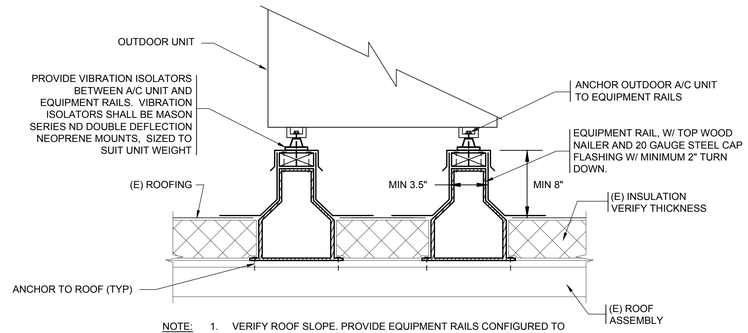
SHEET
M2.0

0" 1" 2"
SHEET SIZE IS TRUE SCALE WHEN ABOVE LINE MEASURES AS NOTED



REFRIGERANT PIPING 2

NTS M2.1



NOTE:

1. VERIFY ROOF SLOPE. PROVIDE EQUIPMENT RAILS CONFIGURED TO SUIT ROOF SLOPE WITH LEVEL TOP MOUNTING SURFACE (OR PROVIDE PRESSURE TREATED WOOD SLEEPERS AT BASE, CUT TO PROVIDE LEVEL SURFACE FOR RAIL).
2. ROOF CONSTRUCTION NOT VERIFIED. CONTRACTOR SHALL VERIFY ROOF ASSEMBLY PRIOR TO BEGINNING WORK.

AC UNIT SLEEPERS DETAIL 1

NTS M2.1

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34301 9TH AVE. S.
FEDERAL WAY, WA 98003

REGISTERED PROFESSIONAL ENGINEER STATE OF WASHINGTON
SIGNED 10-18-2019

SHEET TITLE: MECHANICAL DETAILS
DRAWN: NH CHECKED: RH
DATE: 10-18-19 PROJECT NO. 19-160
REVISIONS:

SHEET M2.1

0" 1" 2"
SHEET SIZE IS TRUE SCALE WHEN ABOVE LINE MEASURES AS NOTED