

ADDENDUM NO. 1

DATE OF ISSUANCE: 7/14/2026

PROJECT: AUTOMOTIVE TECHNOLOGY CENTER RELOCATION AND RENOVATION
8204 HWY 311, SELLERSBURG
IN, 47172

OWNER: IVY TECH COMMUNITY COLLEGE

ARCHITECT'S PROJECT NO.: 26-064

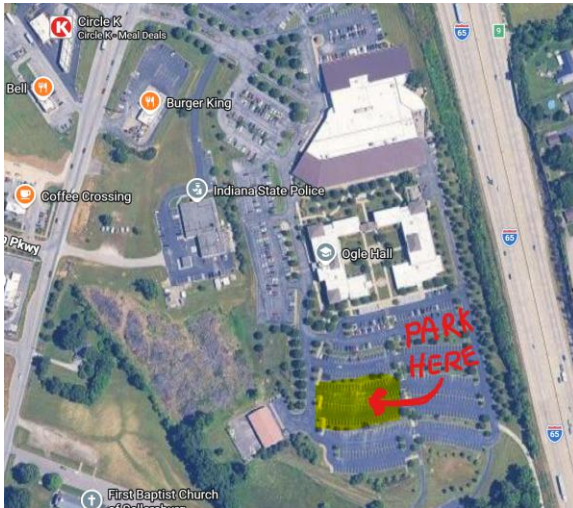
ORIGINAL BID ISSUE DATE: JULY 2, 2026

SCOPE OF WORK

THIS ADDENDUM INCLUDES CHANGES TO, OR CLARIFICATIONS OF, THE ORIGINAL BIDDING DOCUMENTS AND ANY PREVIOUSLY ISSUED ADDENDA, AND SHALL BE INCLUDED IN THE BID. ALL OF THESE ADDENDUM ITEMS FORM A PART OF THE CONTRACT DOCUMENTS. THE BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE APPROPRIATE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY RESULT IN DISQUALIFICATION OF THE BID.

GENERAL ITEMS

Site walk through scheduled for July 17th, 2026 at 10:00 AM. Plan to meet here: 8018 County Rd 311, Sellersburg, IN 47172
Park here [highlighted area]



DOCUMENTS INCLUDED IN THIS ADDENDUM

This Addendum includes <insert number> pages of text and the following documents:

- Bidding Questions
- Drawings: **M 101, M 501**

CHANGES TO PREVIOUSLY ISSUED ADDENDA

None.

BIDDING QUESTIONS

1. **For the fire alarm scope is there a company that takes care of their monitoring at the main facility? if so, can you get me a contact name and #.**

Northside security does the monitoring here. Scott Hutt <SCOTT@NORTHSIDESTRATEGY.COM> is our best contact.

2. **Can you provide me the contact name and # of the duke engineer that is involved in this project. I will need to meet them onsite to discuss service requirements.**

Jeff McIntyre, Duke Energy Engineering Tech Clarksville - 812-292-4495

3. **I would like to verify that the exposed spiral ductwork coming off of the doas unit for the phase two part needs to be paint grip double wall?**

Reference spec section 23 2113 2.2B. We will be exposing duct work.

CHANGES TO DRAWINGS

ADD-1 Item No. D-1 - M 101

Added a motorized control damper to the exhaust fan which is to be controlled locally from the exhaust fan as described in drawings.

ADD-1 Item No. D-2 - M 501

Brake horse power corrected on the schedule for EF-1

END OF ADDENDUM.

- KEYED NOTES - MECHANICAL - SHEET METAL**
- 1 42"x20" HEAVY DUTY RETURN GRILL SHALL BE PROVIDED NO GREATER THAN TWO FEET ABOVE FINISHED FLOOR.
 - 2 4" VENT OUT WALL OR UP THROUGH ROOF. REFER TO RADIANT HEAT HORIZONTAL VENTING DETAIL.
 - 3 6" COMMON VENT UP THROUGH THE ROOF. REFER TO RADIANT HEAT COMMON VENTING AND VERTICAL VENTING DETAILS.
 - 4 VEHICLE EXHAUST FAN AND HOSE. REFER TO EXHAUST FAN SCHEDULES FOR FAN INFORMATION. REFER TO VEHICLE EXHAUST HOSE KEY DETAIL FOR SET UP.
 - 5 FAN SHALL BE PROVIDED WITH MOTORIZED DAMPER INTERLOCKED WITH MOTOR. DAMPER SHALL OPEN WHEN FAN IS ENERGIZED AND CLOSE WHEN THE FAN IS DENERGIZED.

A1 01/01/2025
ISSUED FOR DATE

PROJECT TITLE
AUTOMOTIVE
TECHNOLOGY
CENTER
RELOCATION AND
RENOVATION

OWNER
IVY TECH
COMMUNITY
COLLEGE

ADDRESS
8204 HWY 311,
SELLERSBURG, IN 47172

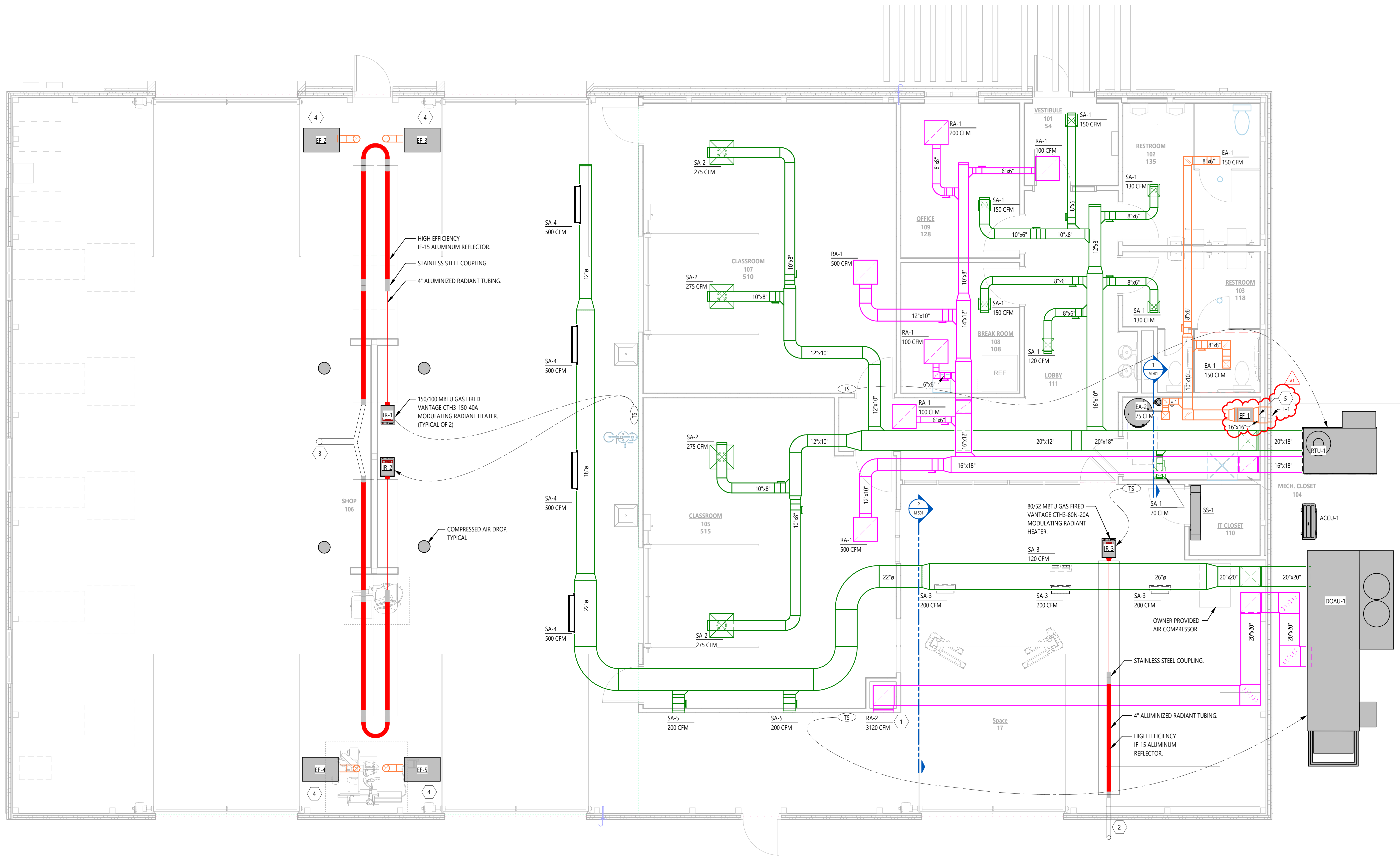
SEAL

SHEET TITLE
FIRST FLOOR
SHEET METAL PLAN

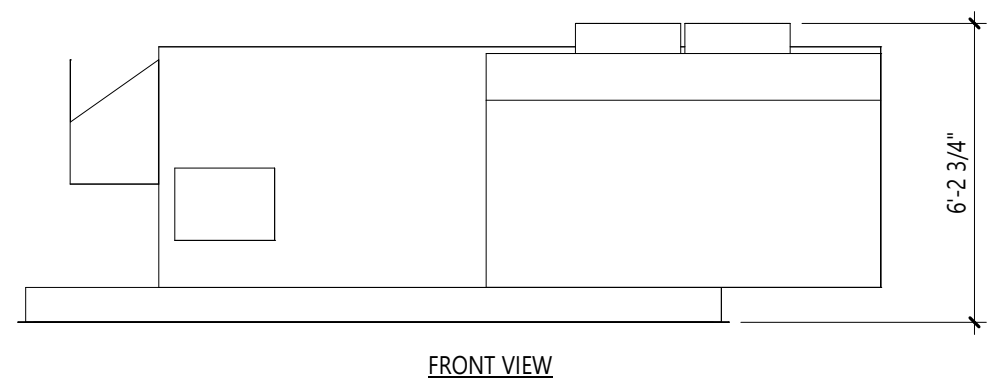
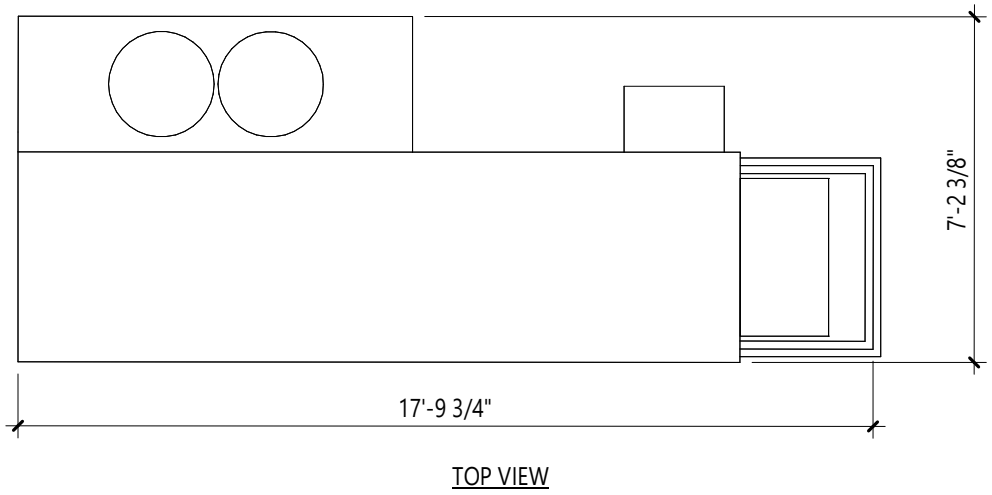
DATE
JULY 2, 2026
SHEET NUMBER

M 101
PROJECT NUMBER

26-064.002
ALL SHEETS INTENDED FOR COLOR PLOT. VERIFY BLACK-
AND-WHITE PLOT FOR INFORMATION INTEGRITY



TRUE NORTH
OVERALL FIRST FLOOR SHEET METAL PLAN
1/4" = 1'-0"



DOAU-1

SCALE: NONE

AREA SERVED: AUTOMOTIVE SHOP FLOOR
TYPE: OUTDOOR MODULAR, SINGLE ZONE VARIABLE VOLUME, 3120 CFM, BASED ON GREENHECK RVE-40
OUTSIDE AIR: 3,120 CFM
WEIGHT: 3,025 LBS
UNIT MOUNTING: 4\"/>

EXHAUST FAN: 3,120 CFM, 1,924\"/>

ENERGY RECOVERY WHEEL:
1/20 HP MOTOR, PROVIDE WITH VFD

SUMMER PERFORMANCE:
OUTDOOR AIR (DB/WB): 91 / 75°F
SUPPLY AIR (DB/WB): 80.3 / 67°F
RETURN AIR (DB/WB): 75 / 62.5°F
EXHAUST AIR (DB/WB): 85.4 / 71°F

WINTER PERFORMANCE:
OUTDOOR AIR (DB/WB): -3 / -4.5°F
SUPPLY AIR (DB/WB): 47.3 / 40.9°F
RETURN AIR (DB/WB): 72 / 55.7°F
EXHAUST AIR (DB/WB): 23.2 / 22.4°F

FILTERS: MERV 13

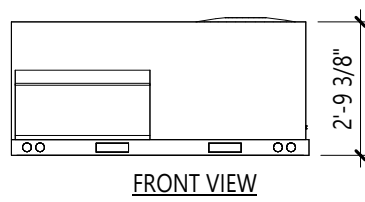
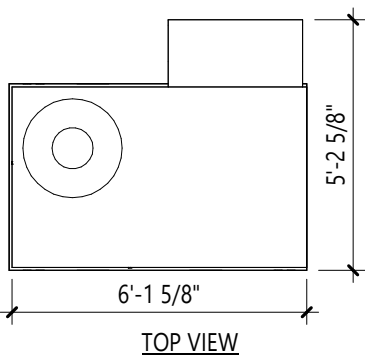
PACKAGED DX (R454b REFRIGERANT):
CAPACITY: 12.8 TMBH, 85.1 SMBH
ENTERING AIR TEMP (DB/WB): 80.3 / 67°F
LEAVING AIR TEMP (DB/WB): 53.9 / 53.9°F
REHEAT CAPACITY: 84 MBH AT 79.4 LAT
INVERTER COMPRESSOR
ISMRE2: 8.1

HEATING COIL:
CAPACITY: 81 MBH
GAS TYPE: NATURAL
GAS FLOW: 100 CFH
PRESSURE: 5\"/>

SUPPLY FAN: 3120 CFM, 3 HP, 2.22 BHP, 0.75\"/>

ELECTRICAL: 460/3/60, 35.7 MCA, 50 MOCIP

- NOTES:
- 2 IN. MERV8 ENERGY WHEEL FILTERS FOR BOTH AIR STREAMS.
 - 2 IN. R16 INJECTED FOAM INSULATION INCLUDING UNIT BASE.
 - 2 IN. MESH WEATHERHOOD FILTERS.
 - AHRI 1060 CERTIFIED ENERGY WHEEL.
 - CONFIGURABLE CONTROLLER WITHOUT THE NEED FOR ADDITIONAL HARDWARE OR PROGRAMMING TOOLS.
 - DIRECT DRIVE FANS WITH FACTORY MOUNTED VARIABLE FREQUENCY DRIVES. BLOWERS SHALL BE AMCA CERTIFIED FOR AIRFLOW.
 - ENERGY WHEEL SIZED TO HANDLE THE DESIGN OUTDOOR AIR VOLUME WITHOUT USE OF BYPASS DAMPERS.
 - MICROPROCESSOR CONTROLLER FOR STAND ALONE CONTROL WITH BUILT IN LCD DISPLAY. MANUFACTURERS REQUIRING HANDHELD SERVICE TOOLS SHALL SUPPLY A HANDHELD FOR EACH UNIT.
 - STAINLESS STEEL DRAIN PAN SHALL BE WELDED AND SLOPED IN TWO DIRECTIONS TO MEET ASHRAE 62.1 REQUIREMENTS.



RTU-1

SCALE: NONE

AREA SERVED: OFFICES AND CLASSROOMS
TYPE: OUTDOOR MODULAR, SINGLE ZONE VARIABLE VOLUME, 2000 CFM, BASED ON CARRIER 486
OUTSIDE AIR: 779 CFM
WEIGHT: 678 LBS
UNIT MOUNTING: 4\"/>

DISCHARGE / INLET SOUND POWER LEVELS (db)								
	63 HZ	125 HZ	250 HZ	500 HZ	1 KHZ	2 KHZ	4 KHZ	8 KHZ
SUPPLY	91.0	81.7	75.8	72.5	68.8	66.8	63.0	59.7
RETURN	88.6	78.3	72.0	64.8	67.1	58.5	51.8	45.9

FILTERS: MERV-13

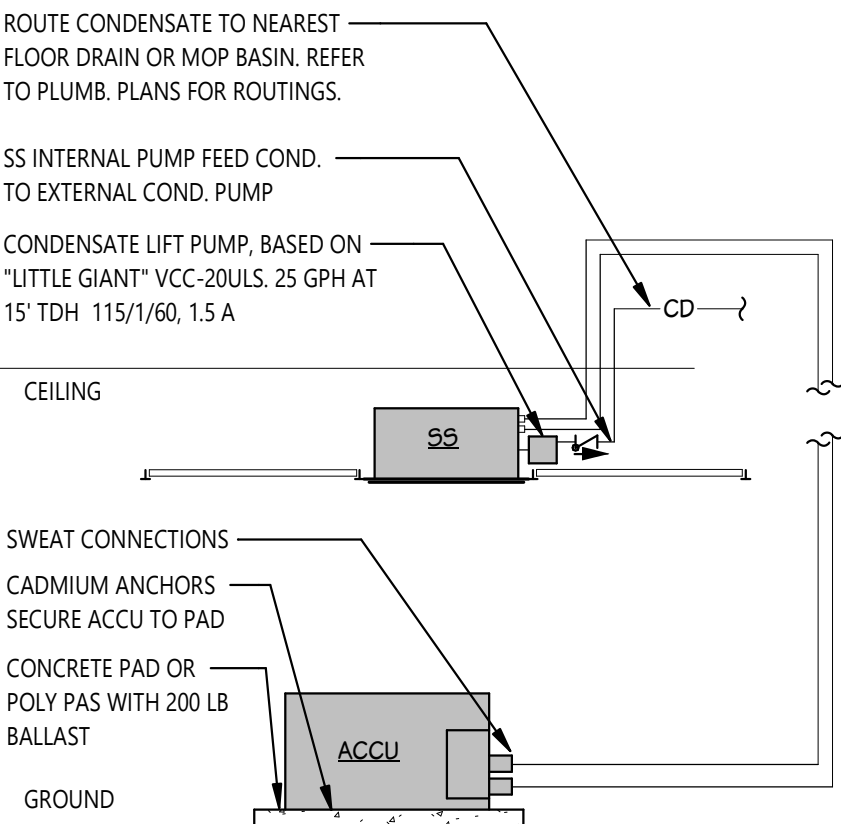
PACKAGED DX (R454b REFRIGERANT):
CAPACITY: 65.42 TMBH, 46.74 SMBH
EVAPORATOR ENTERING AIR TEMP (DB/WB): 81.8 / 68.6°F
EVAPORATOR LEAVING AIR TEMP (DB/WB): 59.6 / 58.6°F
COMPRESSOR POWER INPUT: 3.77 KW
COIL BYPASS FACTOR: 0.040

HEATING COIL:
CAPACITY: 86 TMBH
GAS TYPE: NATURAL
GAS FLOW: 110 CFH
PRESSURE: 5\"/>

SUPPLY FAN: 2000 CFM, (1) FAN, 0.71 BHP, 0.50\"/>

ELECTRICAL: 460/3/60, 12 FLA, 12 MCA, 15 MOCIP.

OPTIONS: PROVIDE WITH MINIMUM 3 YEAR MANUFACTURER'S WARRANTY, DUCT DETECTORS, & CONVENIENCE RECEPTACLE.



SPLIT SYSTEM UNIT PIPING DETAIL

SCALE: NONE

GRILLES, REGISTERS, & DIFFUSERS

MARK	PANEL SIZE	FACE SIZE	NECK SIZE	MODEL	CFM RANGE	VCD	THROW	MATERIAL	FINISH	INSTALLATION	REMARKS
SA-1	24"x24"	12x12	6" Ø	TMS	0-300	NO	3-5-9	STEEL	REFER TO NOTE	LAY-IN	1
SA-2	24"x24"	-	10" Ø	TMS	220-870	NO	6-9-17	STEEL	REFER TO NOTE	LAY-IN	1
SA-3	-	18"x4"	-	DL	150-500	NO	16-19-27	ALUMINUM	REFER TO NOTE	DUCT-MOUNTED	1
SA-4	-	36"x4"	-	DL	300-1000	NO	25-30-43	ALUMINUM	REFER TO NOTE	DUCT-MOUNTED	1
SA-5	12"x4"	-	12x4	T3SW	0-250	NO	24-12.8	ALUMINUM	ANODIZED	SIDEWALL	
RA-1	24"x24"	-	22"x22"	50F	0 - 2000	NO	-	ALUMINUM	REFER TO NOTE	LAY-IN	1
RA-2	42"x20"	-	42"x20"	33R	1100-5500	NO	-	STEEL	ANODIZED	SIDEWALL	
EA-1	---	10"x10"	8"x8"	50F	111-185	NO	-	ALUMINUM	REFER TO NOTE	SURFACE	1
EA-2	---	10"x10"	8"x8"	50F	111-185	YES	-	ALUMINUM	REFER TO NOTE	SURFACE	1

NOTES:

- FACTORY PRIMED FOR FIELD PAINTING

EXHAUST FANS

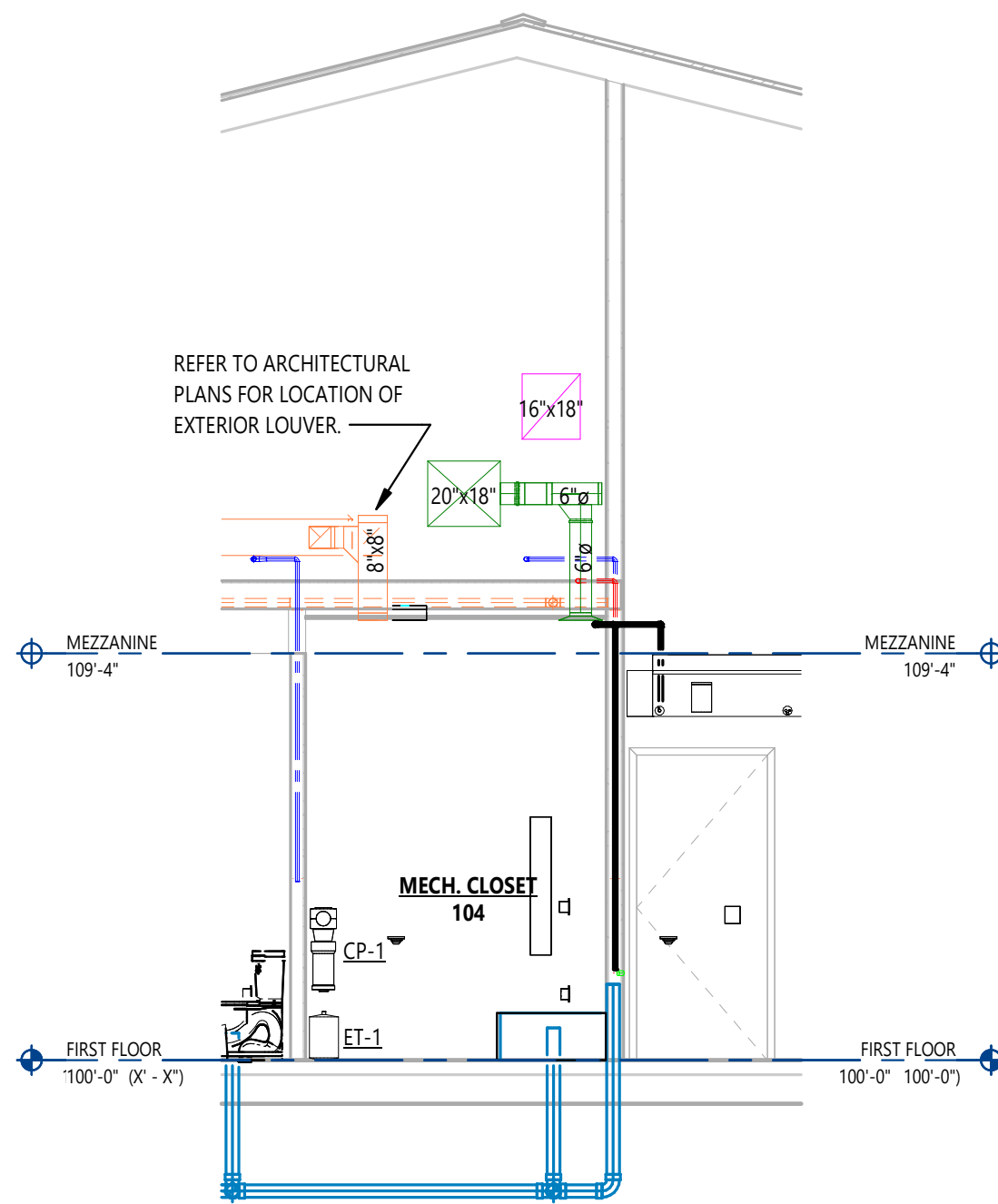
MARK	MODEL	TYPE	AIR FLOW (CFM)	ESP (IN WC)	SONES	EC MOTOR	MOTOR DATA					REMARKS
							NOMINAL HP	BRAKE HP	RPM	VOLTAGE	PHASE	
EF-1	SQ-90-VG	INLINE	375	0.50	7.8	Yes	0.167	0.07	1800	115	1	
EF-2	HRF-05-1	DIRECT MOUNT	450	1.00	-	Yes	0.5	0	3450	115	1	
EF-3	HRF-05-1	DIRECT MOUNT	450	1.00	-	Yes	0.5	0	3450	115	1	
EF-4	HRF-05-1	DIRECT MOUNT	450	1.00	-	Yes	0.5	0	3450	115	1	
EF-5	HRF-05-1	DIRECT MOUNT	450	1.00	-	Yes	0.5	0	3450	115	1	

RADIANT HEATERS

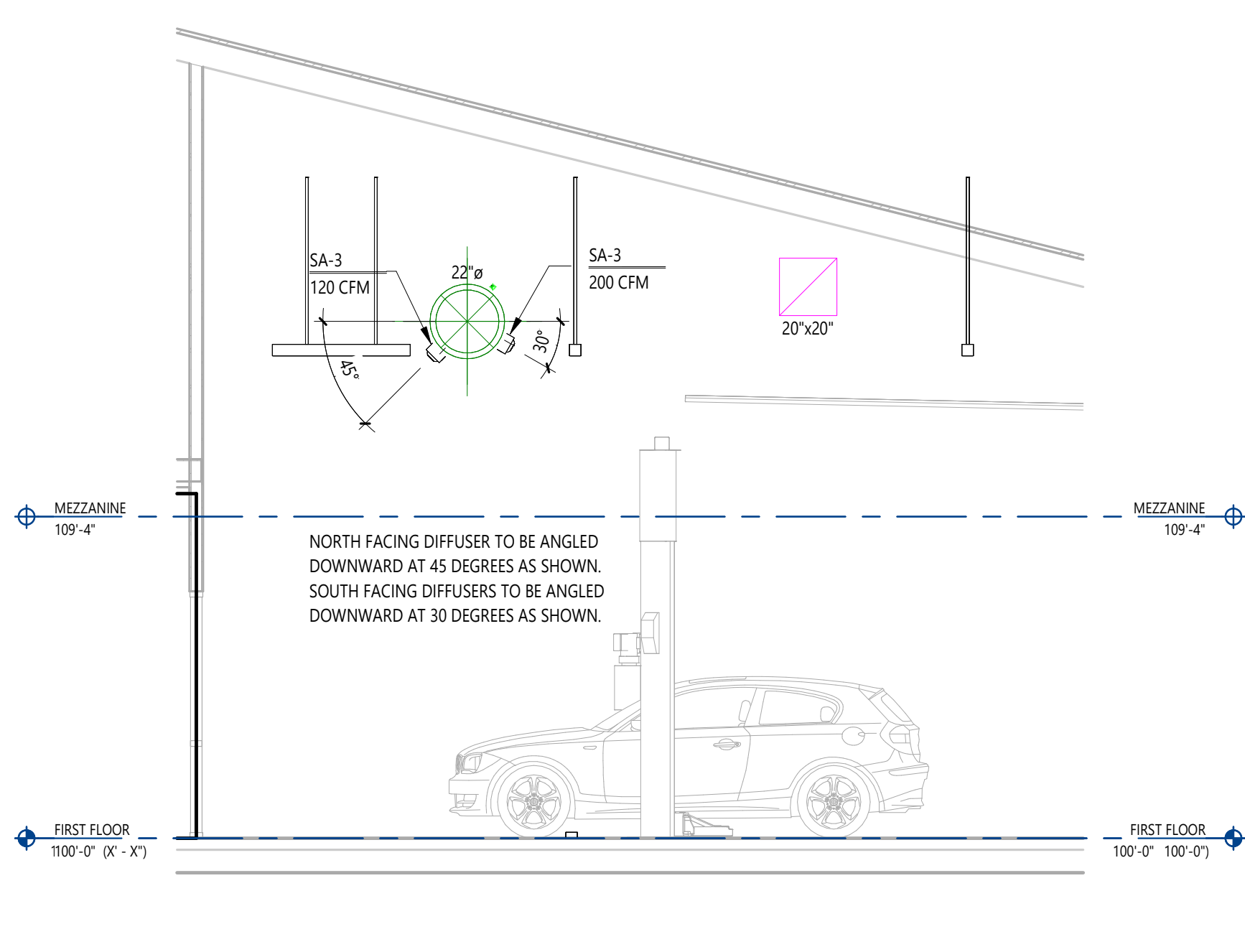
MARK	MODEL	DESCRIPTION	MAX. INPUT	TUBE LENGTH	TUBE MATERIAL	FUEL	REMARKS
IR-1	CTH3-150N-40A	VANTAGE CTH3 INFRARED MODULATING HEATER	150 MBTU / 100 MBTU	40' STRAIGHT 20' IN "U" SHAPE	4" 16 GAUGE ALUMINIZED STEEL	NATURAL GAS	
IR-2	CTH3-150N-40A	VANTAGE CTH3 INFRARED MODULATING HEATER	150 MBTU / 100 MBTU	40' STRAIGHT 20' IN "U" SHAPE	4" 16 GAUGE ALUMINIZED STEEL	NATURAL GAS	
IR-3	CTH3-80N-20A	VANTAGE CTH3 INFRARED MODULATING HEATER	80 MBTU / 52 MBTU	20' STRAIGHT	4" 16 GAUGE ALUMINIZED STEEL	NATURAL GAS	

LOUVERS

MARK	MODEL	FACE SIZE	BLADE DEPTH	AIRFLOW (CFM)	FACE VELOCITY (FPM)	FREE AREA (FT^2)	SYSTEM	REMARKS
L-1	EDJ-401	16"x16"	4"	375	623	0.6	EXHAUST	



1 MECHANICAL CLOSET SECTION
1/4" = 1'-0"



2 MECHANICAL CLOSET SECTION
1/4" = 1'-0"