

REVIEWED FOR COMPLIANCE WITH THE CITY CODE, ADOPTED BUILDING CODES, ZONING ORDINANCE AND DESIGN STANDARDS. THE REVIEW AND APPROVAL DOES NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY FOR COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS, OR ADDRESS OR OVERSEE THE REQUIREMENTS OF OTHER JURISDICTIONS OR AGENCIES, UNLESS SPECIFICALLY NOTED OTHERWISE.

ARCHITECTS
 3750 S. Fremont Avenue
 Springfield, Missouri 65804
 417.877.9600
 PRJ2020-02216

NOTES TO BIDDERS	
1	THIS PLAN SET AND ASSOCIATED SPECIFICATIONS AND ADDENDA, CONSTITUTE THE BIDDING AND CONSTRUCTION PLAN SET. BIDDING FROM PLAN SETS THAT DO NOT INCLUDE ALL ELEMENTS OF THE CONSTRUCTION DOCUMENTS, IS DONE AT THE RISK OF THE BIDDER. IT IS ASSUMED THAT BIDDERS, BY SUBMITTING A BID, ARE FAMILIAR WITH ALL ASPECTS OF THE PROJECT AND HAVE REVIEWED THE COMPLETE PLAN SET.
2	BY SUBMITTING A BID THE GENERAL CONTRACTOR IS INDICATING THAT THEY ARE FAMILIAR WITH ALL ELEMENTS OF THE PROJECT REQUIRED FOR COMPLETION OF THE PROJECT AND ARE WHOLLY FAMILIAR WITH THE SYSTEMS SPECIFIED IN THIS PLAN SET AND SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE, FUNCTIONAL, PROJECT. NO EXTRAS WILL BE PAID FOR NEGLECTING TO PROVIDE ALL UTILITY CONNECTIONS AND ACCESSORIES FOR PROJECT TO BE COMPLETELY OPERATIONAL. (EXAMPLE: CONTRACTOR SHALL PROVIDE GAS PIPING AND VENT AND INTAKE PIPING TO A WATER HEATER IF A GAS WATER HEATER WAS SPECIFIED, ETC.)
3	IN NO CASE SHALL THE CONTRACTOR PROVIDE OR EXCLUDE PROJECT COMPONENTS THAT WOULD RENDER THE PROJECT IN CONFLICT WITH CODE REQUIREMENTS, INCOMPLETE OR NON-FUNCTIONAL IN ANY WAY. IF THE CONTRACTOR REQUIRES ADDITIONAL INFORMATION OR CLARIFICATION FOR AREAS IN WHICH THEY BELIEVE INSUFFICIENT INFORMATION IS PROVIDED, REQUEST FOR THAT INFORMATION FROM THE DESIGN TEAM SHALL BE SUBMITTED PRIOR TO SUBMITTING BID.

GENERAL DEMOLITION NOTES	
1	INFORMATION ON THESE DRAWINGS REPRESENTS INFORMATION FROM OLD DRAWINGS AND LIMITED SITE INSPECTIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID. NO EXTRAS SHALL BE PAID DUE TO UNANTICIPATED CONDITIONS.
2	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, PATCH, AND REPAIR OF ALL WALL AND FLOOR SYSTEM AS REQUIRED DUE TO NEW CONSTRUCTION. MAINTAIN ALL FIRE RATINGS.
3	WHERE DEMOLISHED DEVICES ARE PART OF A CIRCUIT THAT IS THRU-WIRED, OR HAS ADDITIONAL DEVICES ON THE CIRCUIT THAT ARE TO REMAIN UNCHANGED, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE EXISTING CIRCUIT. ANY ADDITIONAL CONDUIT, CONDUCTOR, BOXES, ETC NEEDED TO MODIFY THE EXISTING CIRCUIT TO MAINTAIN THE INTEGRITY ARE THE RESPONSIBILITY OF THIS CONTRACTOR AND SHALL BE INCLUDED IN BID.
4	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, PATCH, AND REPAIR OF ALL WALL AND FLOOR SYSTEM AS REQUIRED DUE TO NEW CONSTRUCTION. MAINTAIN ALL FIRE RATINGS.
5	FOR ALL EXISTING FIXTURES, EQUIPMENT, ETC. SHOWN TO BE REMOVED, THE OWNER SHALL HAVE THE FIRST RIGHT OF REFUSAL.
6	CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL ELECTRICAL DEVICES AND WIRING IN ALL DEMOLISHED WALLS WHETHER SPECIFICALLY INDICATED OR NOT.
7	REMOVE CONDUIT IN ALL DEMOLISHED WALLS.
8	REMOVE ANY UNUSED CONDUCTORS, CONDUIT, AND WIRING IN DEMOLISHED WALLS LOCATED WITHIN THE AREA OF CONSTRUCTION. REMOVE ALL UNUSED WIRING. CONDUIT CAN BE ABANDONED IN PLACE WHERE IT WILL REMAIN CONCEALED.
9	REMOVE AND REPLACE DEVICES AS REQUIRED DUE TO NEW WALL OR CEILING FINISHES.
10	REMOVE POWER FOR ALL MECHANICAL AND PLUMBING EQUIPMENT BEING REMOVED.

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SPECIAL NOTICES

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CITY OF SPRINGFIELD, MO
FIRE STATION #10
 2245 E GALLOWAY ST
 SPRINGFIELD, MO 65804

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 Missouri Certificate of Authority #E-2013013378

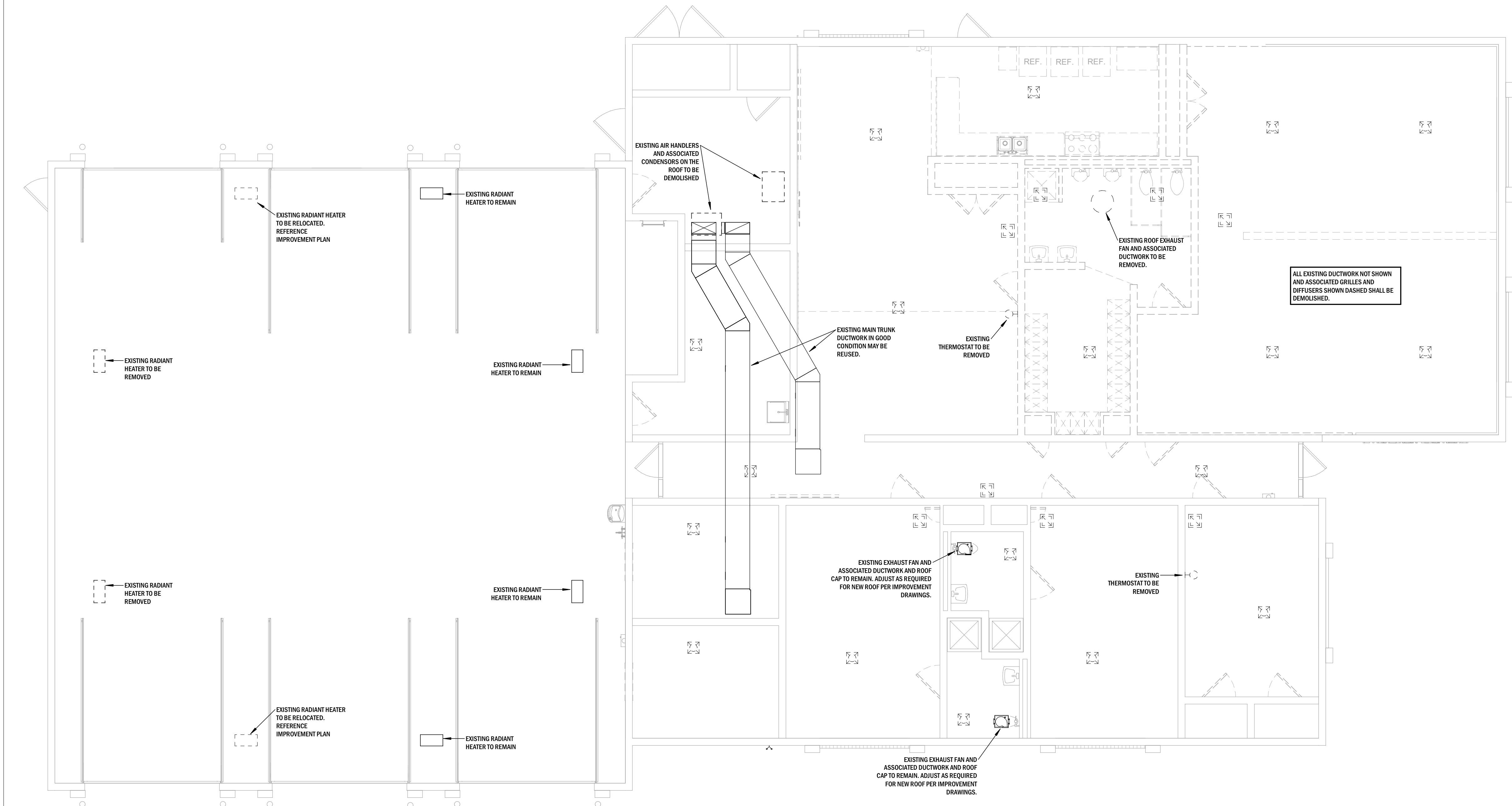


Tanner Dowling, Engineer MO A-2013008868

Revision No.	Description	Date

Project No.	Date	Drawn
20-0987	10.20.20	TKD

Drawing No. **M100**
 HVAC DEMOLITION PLAN



1 HVAC DEMOLITION PLAN
 Scale: 3/16" = 1'-0"
 NORTH

REVIEWED FOR COMPLIANCE WITH THE CITY CODE, ADOPTED BUILDING CODES, ZONING ORDINANCE AND DESIGN STANDARDS. THE REVIEW AND APPROVAL DOES NOT RELIEVE THE DEVELOPER OF THE RESPONSIBILITY OF ANY COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS, OR ADDRESS OR VERIFY THE REQUIREMENTS OF OTHER JURISDICTIONS OR AGENCIES UNLESS SPECIFICALLY NOTED OTHERWISE.

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KEYNOTES	
M.40	6" EXHAUST DUCT UP THROUGH ROOF TO ROOF CAP.
M.41	VENT AND INTAKE LINES UP TO CONCENTRIC VENT THROUGH ROOF.
M.42	EXHAUST DUCT UP THROUGH ROOF TO ROOF CAP.
M.43	CONNECT TO EXISTING DUCTWORK IN THIS AREA.
M.44	NEW SUPPLY AND RETURN DUCTWORK DOWN. REFERENCE FURNACE DETAIL, TRANSITION AND MAKE CONNECTION TO NEW AIR HANDLER.
M.45	EXISTING DUCTWORK DOWN. TRANSITION AND MAKE CONNECTION TO NEW AIR HANDLER. EXISTING OUTSIDE AIR CONNECTION TO SYSTEM SHALL REMAIN. BALANCE EXISTING OUTSIDE AIR DUCT TO 200CFM.
M.46	8" OUTSIDE AIR DUCT UP WITH BALANCE DAMPER THROUGH ROOF TO ROOF CAP. BALANCE OUTSIDE AIR DUCT TO 200CFM.
M.47	ROUTE FULL SIZE DUCT DOWN TO RETURN AIR GRILLE IN CEILING.

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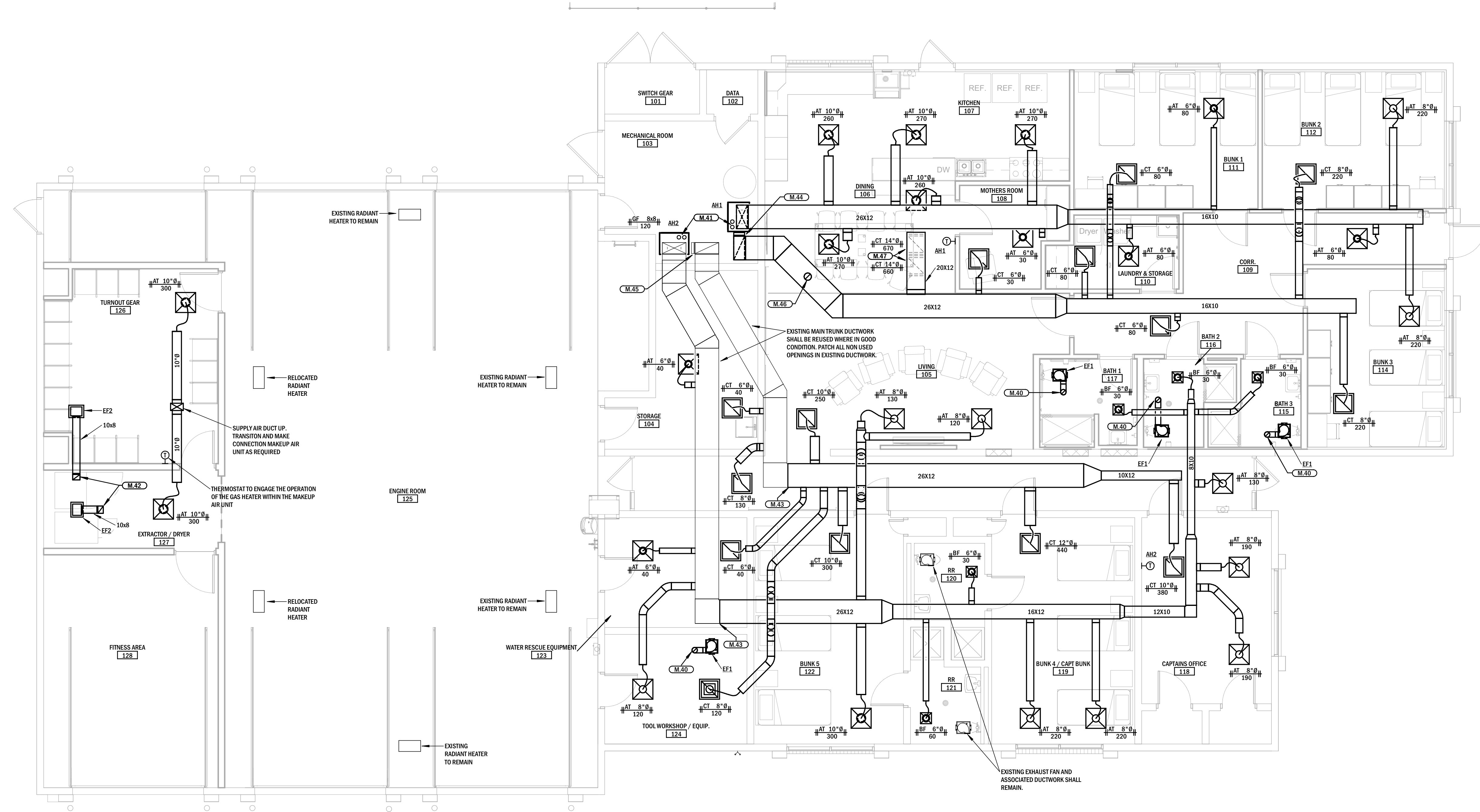
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Tanner Dowling, Engineer MO A-2013008868
 Revision No. | Description | Date

Project No. 20-0987 | Date 10.20.20 | Drawn TKD

Drawing No. **M200**
 HVAC IMPROVEMENT PLAN



1 HVAC IMPROVEMENT PLAN
 Scale: 3/16" = 1'-0"
 NORTH

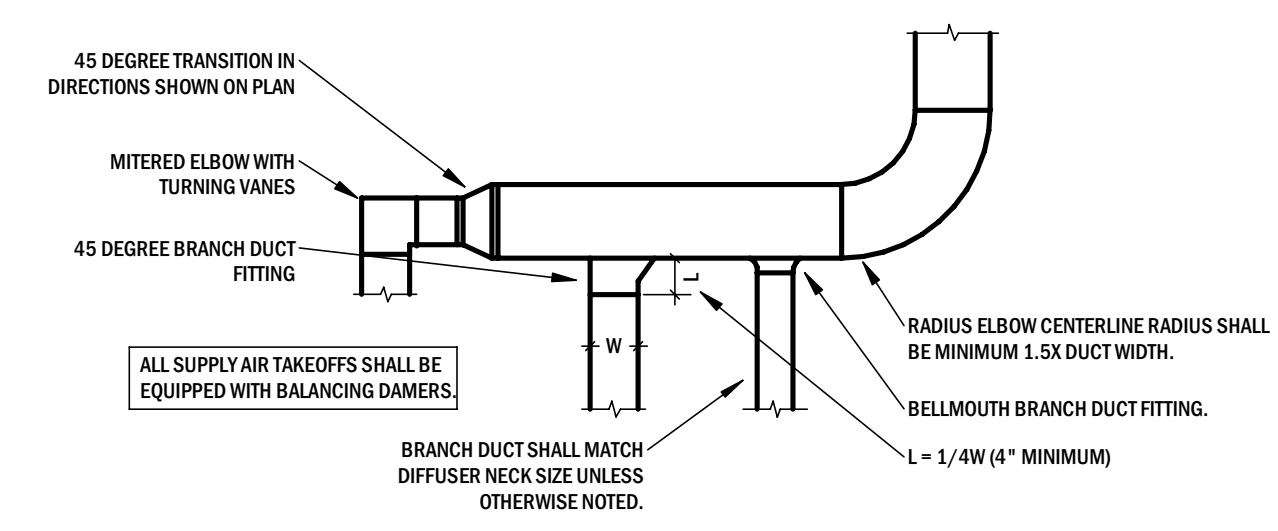
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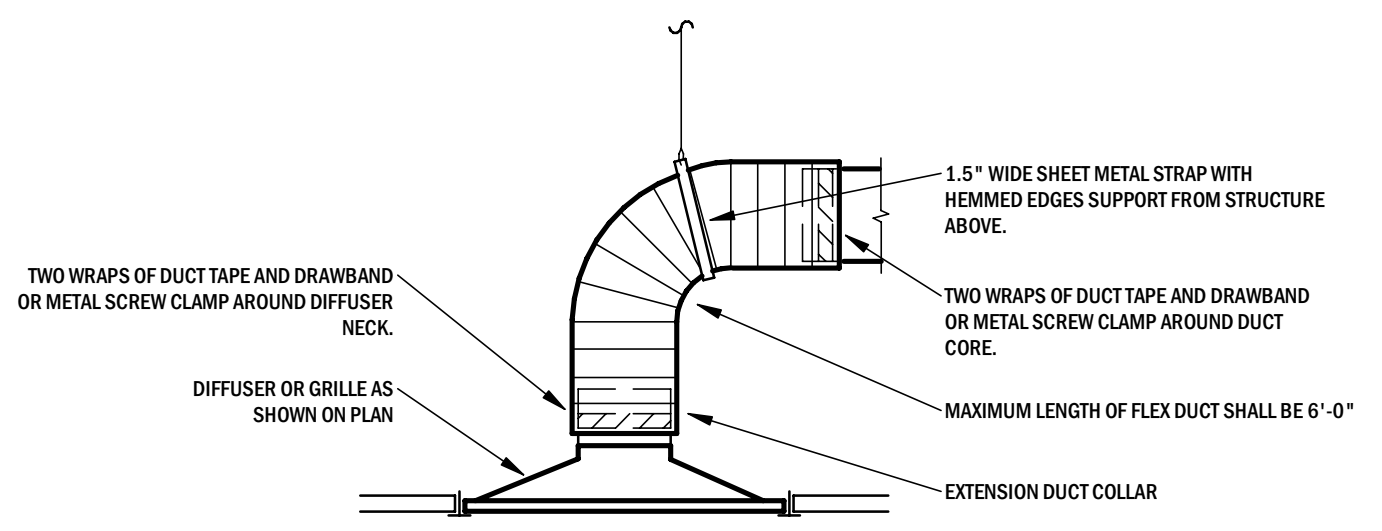
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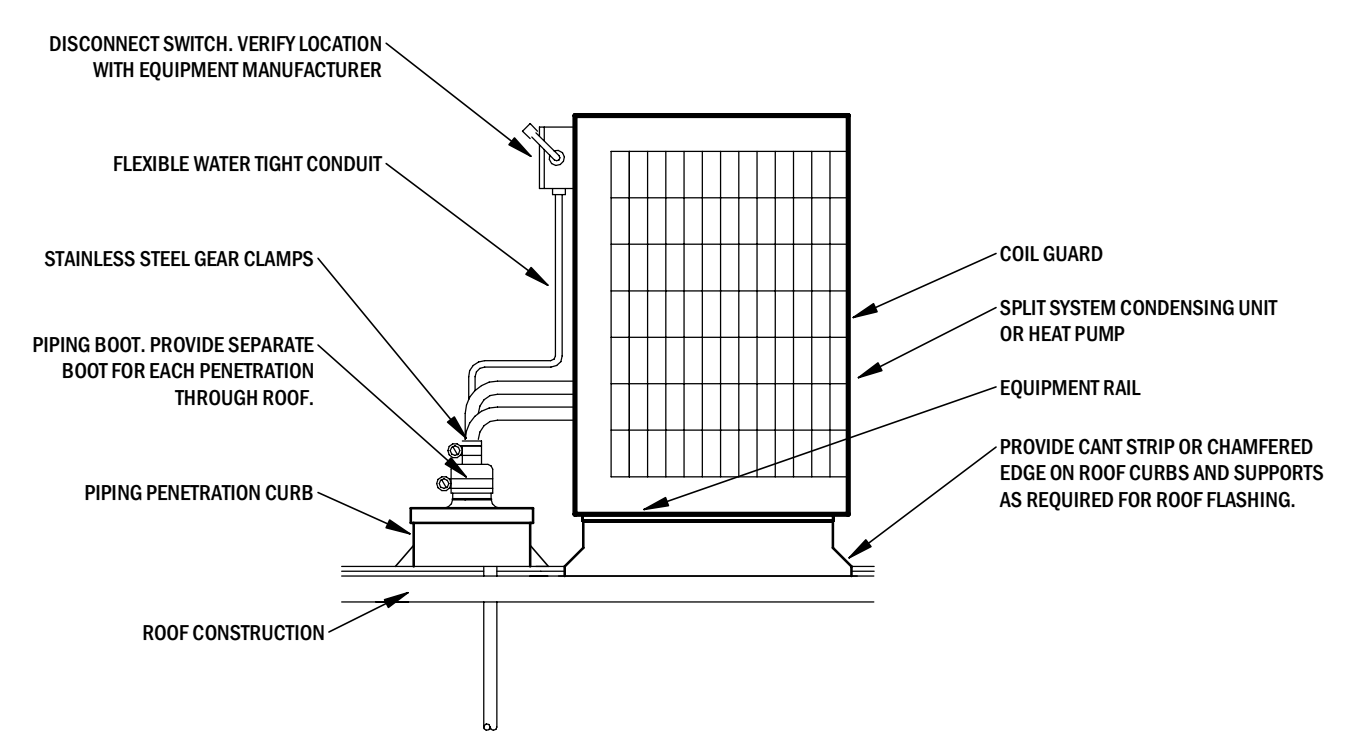
MAKE-UP AIR UNIT AND EF2 CONTROL SEQ	
MAU1	MAKEUP AIR UNIT FAN SHALL RUN CONTINUOUSLY, 24/7. THE NATURAL GAS HEATER SHALL CYCLE BASED ON THE SETTINGS OF A ROOM MOUNTED THERMOSTAT SUCH THAT HEATER OPERATES IN THE WINTER MONTHS WHEN ROOM TEMPERATURE DROPS BELOW THERMOSTAT SETPOINT.
EF2	EXHAUST FAN EF2 SHALL RUN CONTINUOUSLY, 24/7



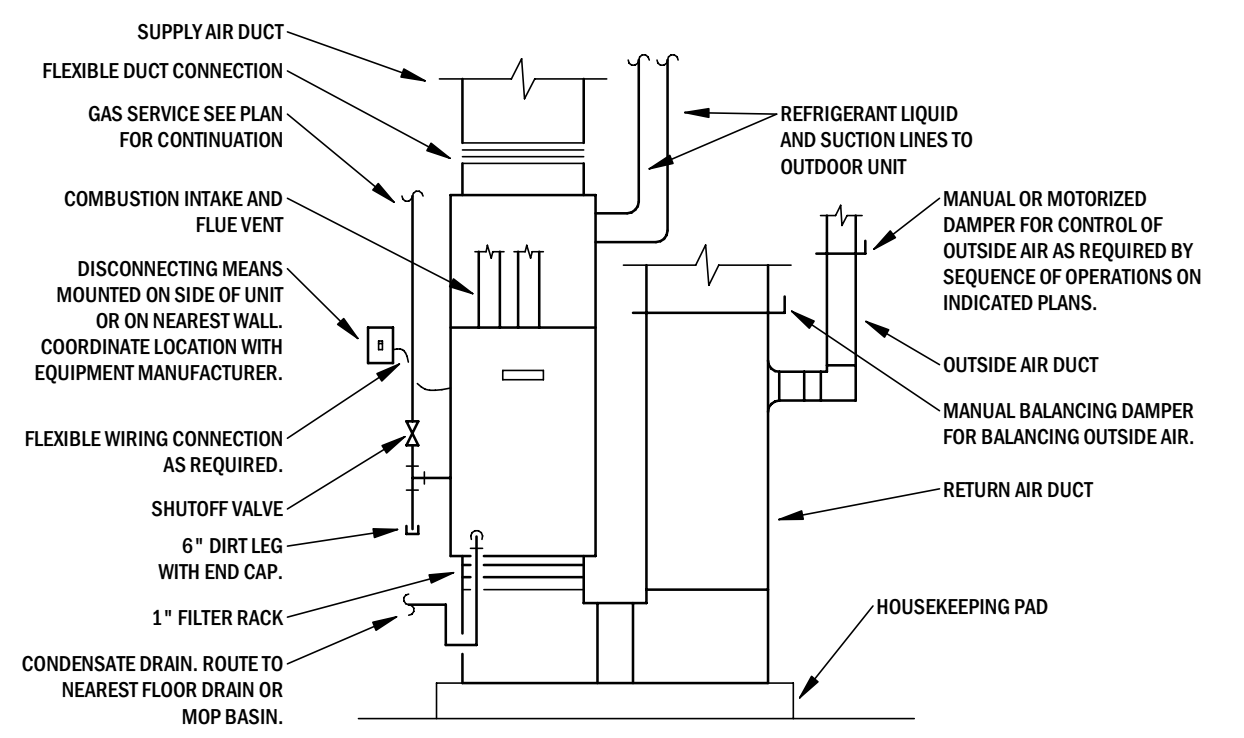
3 DUCT CONSTRUCTION DETAIL
Scale: NTS



6 FLEX DUCT CONSTRUCTION DETAIL
Scale: NTS

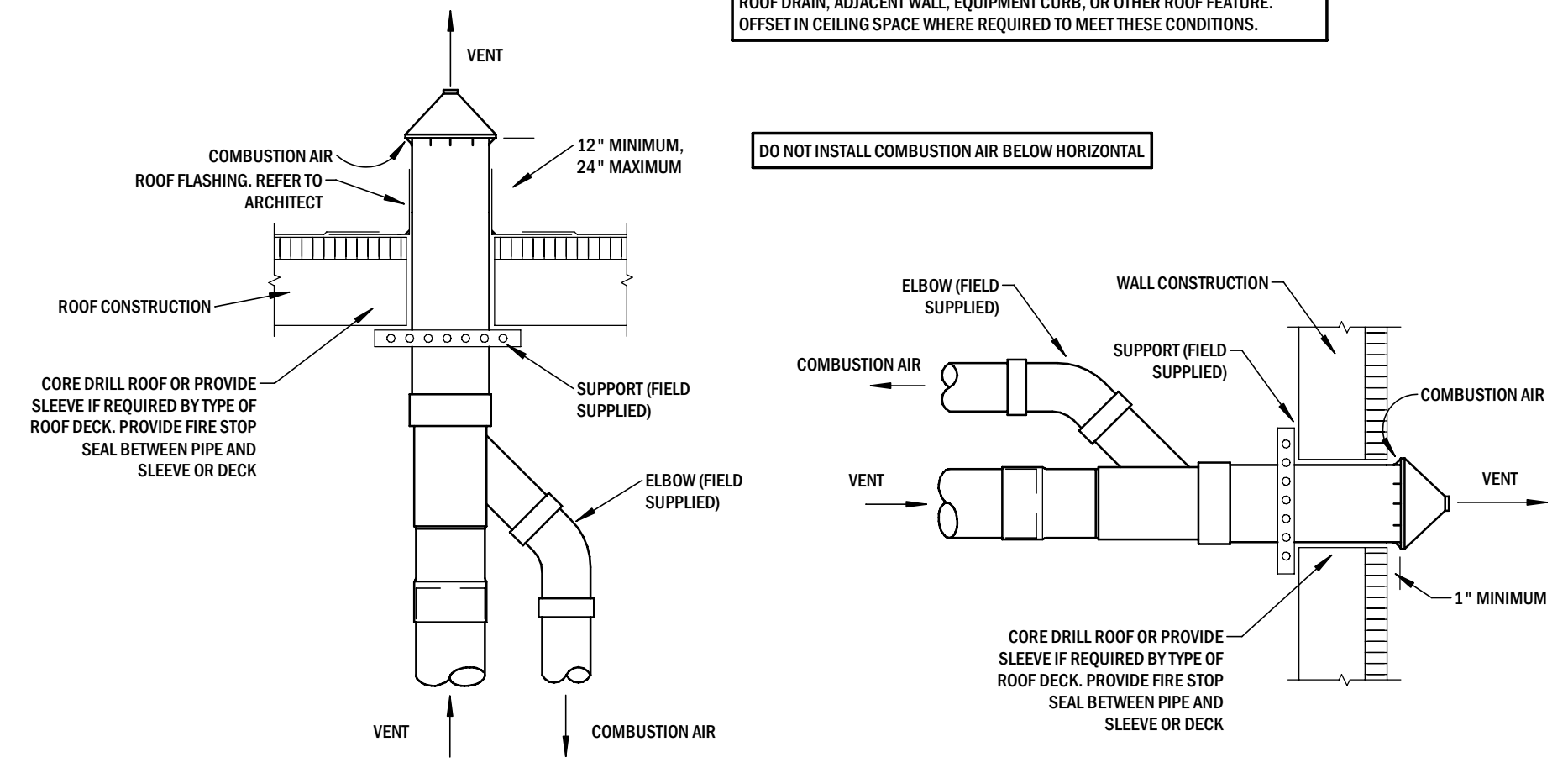


2 CONDENSING UNIT HEAT PUMP DETAIL
Scale: NTS

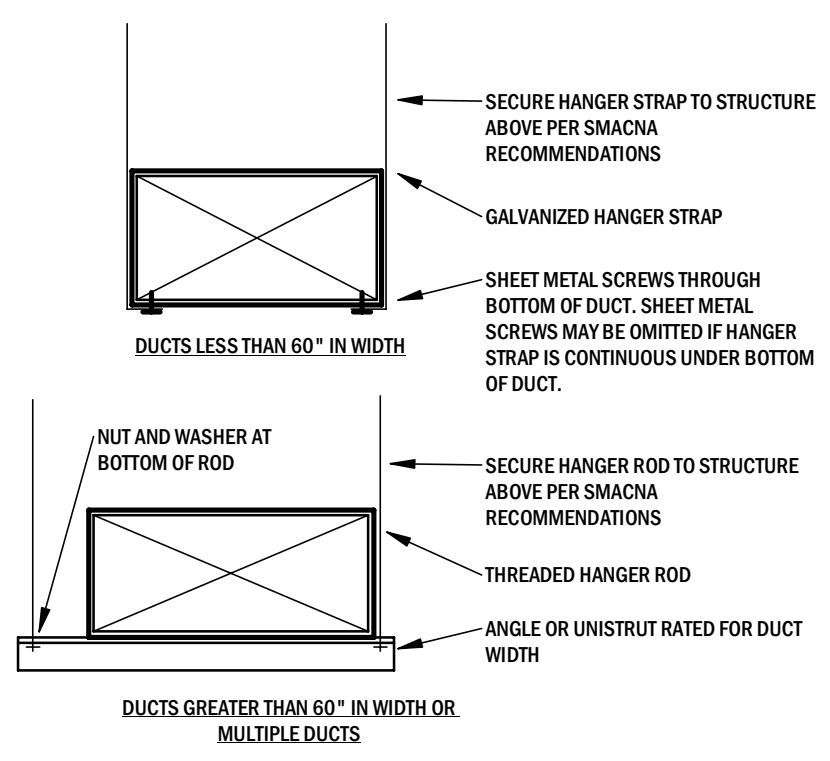


5 VERTICAL GAS FIRED FURNACE
Scale: NTS

REFER TO PLANS FOR VENT LOCATIONS. LOCATE VENTS A MINIMUM OF THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, TWENTY FIVE FEET FROM ANY OPENING OR FRESH AIR INTAKE IN MEDICAL FACILITIES AND ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VENTS A MINIMUM OF 18" FROM PARAPET, EXPANSION JOINT, ROOF DRAIN, ADJACENT WALL, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.



1 CONCENTRIC VENT KIT DETAIL
Scale: NTS



4 DUCT SUPPORT DETAIL
Scale: NTS

CITY OF SPRINGFIELD, MO
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2245 E GALLOWAY ST
SPRINGFIELD, MO 65804

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Tanner Dowling, Engineer MO A-2013008868
Revision No. | Description | Date

Project No. 20-0987 | Date 10.20.20 | Drawn TKD

Drawing No. **M300**
MECHANICAL DETAILS

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ARCHITECTS
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SIGNATURE: *[Signature]* DATE: 01/26/21

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 Supp Design Associates Architects, P.C.
 Missouri State Certificate of Authority #000607



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CITY OF SPRINGFIELD, MO

FIRE STATION #10

2245 E GALLOWAY ST
 SPRINGFIELD, MO 65804

EXHAUST FAN SCHEDULE			
MARK	EF1	EF2	
MANUFACTURER	COOK	COOK	
MODEL NUMBER	GC144	GC620	
E.S.P	0.5"	0.5"	
CFM	75	275	
VOLTS/PHASE	120/1	120/1	
MOTOR POWER	98W	233W	
ACCESSORIES	DM,GBD,CG	DM,GBD,CG	
ABBREVIATIONS:	HP1	HP2	
CC:	WHITE ALUMINUM CEILING GRILLE	GR:	GREASE TERMINATION KIT
DNE:	DISCONNECTING MEANS	HR:	HINGED BASE
GBD:	GRAVITY BACKDRAFT DAMPER	RC:	18" INSULATED ROOF CURB
VSC:	VARIABLE SPEED CONTROLLER	HK:	HANGING KIT WITH VIBRATION ISOLATORS

SPLIT SYSTEM-HEAT PUMP SCHEDULE			
SYSTEM	SYSTEM NUMBER	1	2
	AREA SERVED	NORTH	SOUTH
	MANUFACTURER	YORK	YORK
	NOMINAL TONS	5	5
AIR HANDLER	MARK	AH1	AH2
	TYPE	VERTICAL	VERTICAL
	MODEL NUMBER	TM9E SERIES	TM9E SERIES
	SUPPLY CFM	2000	2000
	OA CFM	200	200
	ESP	0.5" WC	0.5" WC
	VOLTAGE/PHASE	120/1	120/1
	MCA (AMPS)	14.5	14.5
	MOCP (AMPS)	20	20
	BACKUP HEAT	120MBH	120MBH
HEAT PUMP	MARK	HP1	HP2
	MODEL NUMBER	YHM SERIES	YHM SERIES
	VOLTAGE/PHASE	240/1	240/1
	MCA (AMPS)	34.7	34.7
	MOCP (AMPS)	60	60
	OUTDOOR AMBIENT	95°F	95°F
	AHRI MIN. EFFICIENCY	15.5 SEER	15.5 SEER
	DRYBULB EAT	80°F	80°F
	WETBULB EAT	67°F	67°F
	TOTAL CAPACITY	58 MBH	58 MBH
COOLING	OUTDOOR AMBIENT	47°F	47°F
	TOTAL CAPACITY	60.2 MBH	60.2 MBH
HEAT	DRYBULB LAT	90°F	90°F
	OPTIONS	T.MSH, MSC, MSF	T.MSH, MSC, MSF
NOTES	1,2,3	1,2,3	

HVAC SYMBOLS	
	CEILING SUPPLY GRILLE
	CEILING RETURN/ EXHAUST GRILLE
	LINEAR SUPPLY/RETURN GRILLE
	WALL SUPPLY/RETURN/EXHAUST GRILLE OR REGISTER
	DIFFUSER OR GRILLE WITH FLEX DUCT. SIZE OF FLEX DUCT SHALL EQUAL SIZE OF UPSTREAM DUCT.
	INDICATES CONNECTION TO EXISTING SYSTEM
	THERMOSTAT
	CO2 SENSOR
	REMOTE AVERAGING TEMPERATURE SENSOR
	HUMIDISTAT
	TEMPERATURE OVERRIDE SENSOR
	DIFFUSER TAG - LETTER AND CEILING DESIGNATION, NECK SIZE AND CFM
	FIRE DAMPER
	SMOKE DAMPER
	MOTORIZED DAMPER
	BALANCE DAMPER
	GRAVITY BACKDRAFT DAMPER
	CONDENSATE DRAIN
	REFRIGERANT LINESET (LIQUID, SUCTION AND HEAT RECOVERY WHERE APPLICABLE)
	HEAT PUMP WATER SUPPLY
	HEAT PUMP WATER RETURN
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	HOT WATER SUPPLY
	HOT WATER RETURN

NOTES:
 1. THERMOSTATS SHALL BE INTERNET CONNECTED TO ENABLE TEMPERATURE AND SCHEDULING ADJUSTMENTS FROM REMOTE INTERNET-BASED LOGIN WITH STANDARD INTERNET BROWSING DEVICES. THERE SHALL BE ONLY 1 SOFTWARE TYPE AND LOGIN SITE REQUIRED FOR ADJUSTING THE TOTAL OF HEAT/COOL SYSTEMS SHOWN IN THIS PROJECT.
 2. PROVIDE THERMOSTAT CONTROL WHICH ENABLES MULTI STAGE HEAT/COOL OPERATION.
 3. PROVIDE NEW AIR FILTERS WITH RATING APPROXIMATELY EQUAL TO MERV 8.

ABBREVIATIONS:	ABBREVIATIONS:
DB: DRY BULB	CG: COIL GUARDS
DX: DIRECT EXPANSION	CO2: CO2 SENSOR FOR CONTROL OF MOTORIZED OUTSIDE AIR DAMPER, DEMAND CONTROL VENTILATION
EAT: COOLING COIL ENTERING AIR TEMPERATURE	FA: RETURN AIR DUCT SMOKE DETECTOR AND FAN SHUTDOWN RELAY
ESP: EXTERNAL STATIC PRESSURE (EXCLUDES FILTER LOSS)	MSH: MULTI STAGE HEATING
MCA: MINIMUM CIRCUIT AMPACITY	MSC: MULTI STAGE COOLING
OA: OUTSIDE AIR	MSF: MULTIPLE SPEED FAN
WB: WET BULB	MOA: MOTORIZED OUTSIDE AIR DAMPER WITH 100% ENTHALPY ECONOMIZER
LA: LOW AMBIENT OPERATION (S F)	SPP: SINGLE POINT POWER CONNECTION
CP: CONDENSATE PUMP (FACTORY ACCESSORY)	T: INTERNET CONNECTED PROGRAMMABLE THERMOSTAT
VSC: VARIABLE SPEED COMPRESSOR	EQ: EQUAL TO ECOBEE 4
P: PROPANE FURNACE	TAS: THERMOSTAT AVERAGING SENSOR
	OK: OUTSIDE AIR DUCT CONNECTION KIT

MAKEUP AIR UNIT SCHEDULE		
MARK	MAU1	
MAKE	CAPTIVE AIRE	
MODEL	D76	
AIRFLOW	600 CFM	
ESP	0.50	
HP	1.0	
BHP	0.198	
GAS HEAT INPUT	42.6 MBH	
GAS HEAT OUTPUT	39.1 MBH	
TEMP RISE	64°F	
VOLTAGE/PH	240/1	
MOCP (AMPS)	20	
ACCESSORIES	AC,BS,DM,LFS,MBD,RC	
ABBREVIATIONS:	BHP: BRAKE HORSEPOWER	AC: AC INTERLOCK RELAY
	ESP: EXTERNAL STATIC PRESSURE	BS: BIRDSCREEN
	HP: HORSEPOWER	DM: DISCONNECTING MEANS
	TEMP: TEMPERATURE	LFS: LOW FIRE THERMOSTAT
	RC: ROOF CURB	MBD: MOTORIZED BACKDRAFT DAMPER

GRILLES REGISTERS AND DIFFUSER SCHEDULE										
MARK	MANUFACTURER	CATALOG NUMBER	APPLICATION	FINISH	FRAME TYPE	VOLUME DAMPER	MAX NC (dB)	MIN THROW	MAX THROW	MAX PRESSURE DROP
A	KRUEGER	SH/SHR 24x24	SUPPLY	WHITE	T-BAR/FLANGE	YES	30	9	24	0.10" WC
B	KRUEGER	SH/SHR 12x12	SUPPLY	WHITE	T-BAR/FLANGE	YES	30	9	24	0.10" WC
C	KRUEGER	6490/6690 24x24	RETURN	WHITE	T-BAR/FLANGE	NO	30	-	-	0.10" WC
D	KRUEGER	6490/6690 12x12	RETURN	WHITE	T-BAR/FLANGE	NO	30	-	-	0.10" WC
E	KRUEGER	6490/6690 24x24	EXHAUST	WHITE	T-BAR/FLANGE	NO	30	-	-	0.10" WC
F	KRUEGER	6490/6690 12x12	EXHAUST	WHITE	T-BAR/FLANGE	NO	30	-	-	0.10" WC
G	KRUEGER	880-22.5"	SUPPLY	PAINT	FLANGE	YES	30	23	60	0.10" WC
H	KRUEGER	SB0H-22.5"	RETURN	PAINT	FLANGE	NO	30	-	-	0.10" WC
I	KRUEGER	SB0H-22.5"	EXHAUST	PAINT	FLANGE	NO	30	-	-	0.10" WC
J	KRUEGER	RM2	SUP	PAINT	DUCT	NO	30	7	36	0.10" WC
K	KRUEGER	DMGRDH-01	SUP	PAINT	DUCT	YES	30	11	37	0.20" WC

ABBREVIATIONS NOTES:
 EXH: EXHAUST 1. THROWS ARE BASED ON 50 FEET PER MINUTE VELOCITY.
 SUP: SUPPLY 2. OPPOSED BLADE DAMPERS SHALL BE PROVIDED ON ALL DIFFUSERS MARKED TO RECEIVE VOLUME DAMPERS.
 RET: RETURN 3. PROVIDE T-BAR OR FLANGE FRAME AS NOTED BY "T" OR "F" DESIGNATION IN DIFFUSER TAG ON PLANS.

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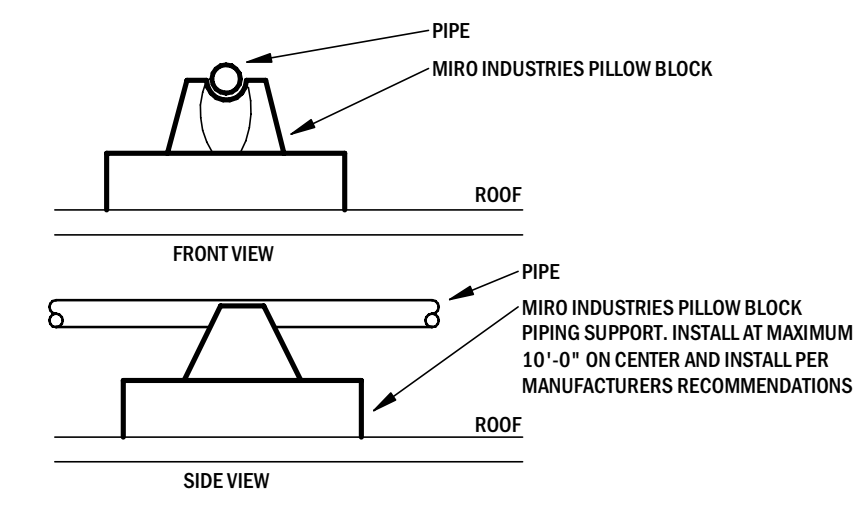
Drawing No. **M400**
MECHANICAL SCHEDULES

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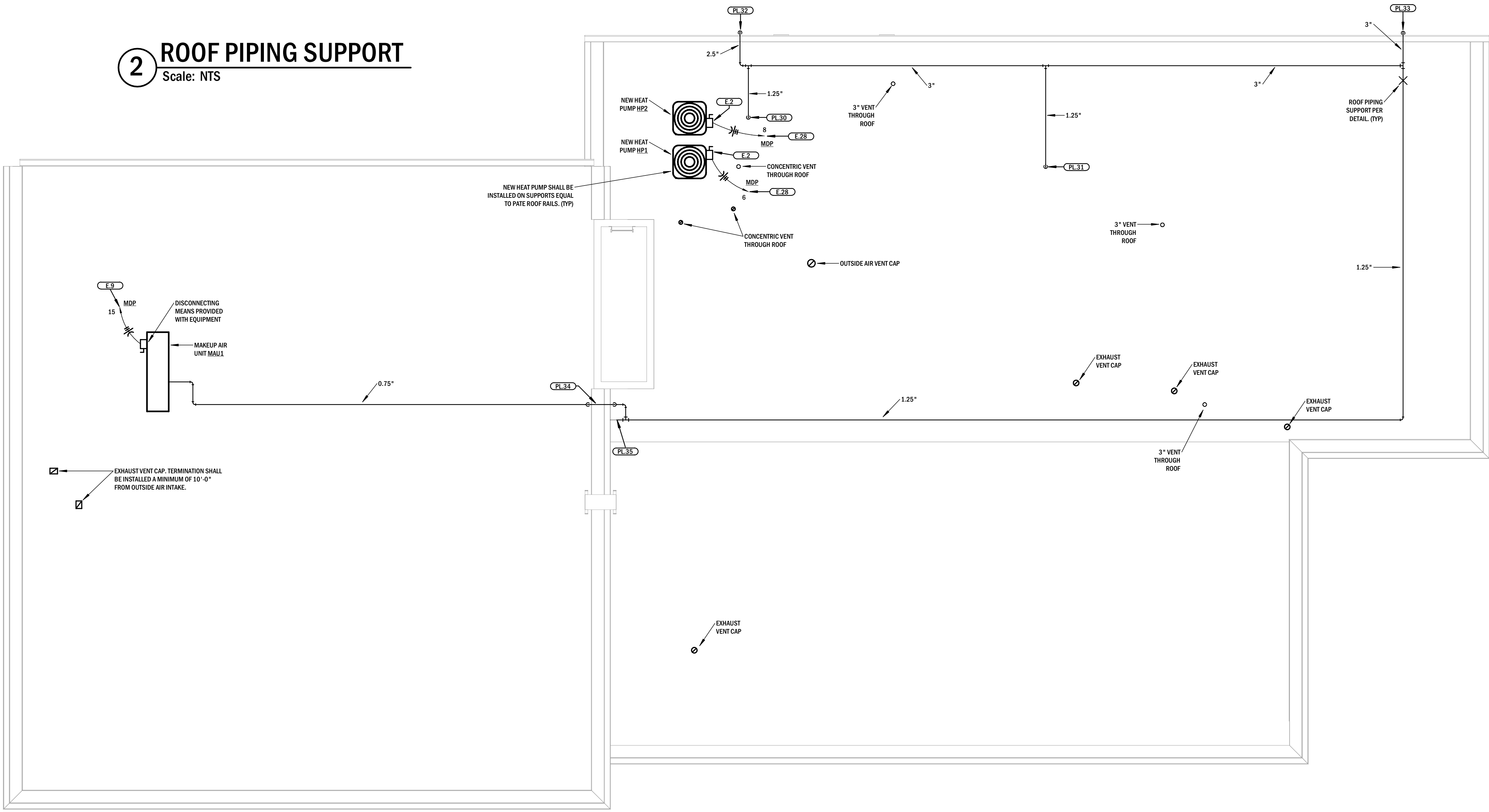
NOTES TO BIDDERS	
1	THIS PLAN SET AND ASSOCIATED SPECIFICATIONS AND ADDENDA, CONSTITUTE THE BIDDING AND CONSTRUCTION PLAN SET. BIDDING FROM PLAN SETS THAT DO NOT INCLUDE ALL ELEMENTS OF THE CONSTRUCTION DOCUMENTS, IS DONE AT THE RISK OF THE BIDDER. IT IS ASSUMED THAT BIDDERS, BY SUBMITTING A BID, ARE FAMILIAR WITH ALL ASPECTS OF THE PROJECT AND HAVE REVIEWED THE COMPLETE PLAN SET.
2	BY SUBMITTING A BID THE GENERAL CONTRACTOR IS INDICATING THAT THEY ARE FAMILIAR WITH ALL ELEMENTS OF THE PROJECT REQUIRED FOR COMPLETION OF THE PROJECT AND ARE WHOLLY FAMILIAR WITH THE SYSTEMS SPECIFIED IN THIS PLAN SET AND SPECIFICATIONS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE FUNCTIONAL PROJECT. NO EXTRAS WILL BE PAID FOR NEGLECTING TO PROVIDE ALL UTILITY CONNECTIONS AND ACCESSORIES FOR PROJECT TO BE COMPLETELY OPERATIONAL. (EXAMPLE: CONTRACTOR SHALL PROVIDE GAS PIPING AND VENT AND INTAKE PIPING TO A WATER HEATER IF A GAS WATER HEATER WAS SPECIFIED, OTHERWISE.)
3	IN NO CASE SHALL THE CONTRACTOR PROVIDE OR EXCLUDE PROJECT COMPONENTS THAT WOULD RENDER THE PROJECT IN CONFLICT WITH CODE REQUIREMENTS, INCOMPLETE OR NON-FUNCTIONAL IN ANY WAY. IF THE CONTRACTOR REQUIRES ADDITIONAL INFORMATION OR CLARIFICATION FOR AREAS IN WHICH THEY BELIEVE INSUFFICIENT INFORMATION IS PROVIDED, REQUEST FOR THAT INFORMATION FROM THE DESIGN TEAM SHALL BE SUBMITTED PRIOR TO SUBMITTING BID.

KEYNOTES	
E.2	PROVIDE A NEMA 3R, 240V, 60A, 2-POLE DISCONNECT SWITCH
E.9	WIRE TO 20A, 2-POLE CIRCUIT BREAKER IN EXISTING PANEL INDICATED.
E.28	WIRE TO NEW 60A CIRCUIT BREAKER IN PANEL MDP. PROVIDE #6 WIRE AND 60A, 2 POLE BREAKER.
PL.30	NATURAL GAS PIPING DOWN THROUGH ROOF TO MECHANICAL ROOM TO SERVE WATER HEATERS AND AIR HANDLERS
PL.31	NATURAL GAS PIPING DOWN THROUGH ROOF TO RANGE/STOVE. PLUMBING CONTRACTOR MAY REUSE EXISTING VERTICAL PIPING WHERE IN GOOD CONDITION
PL.32	NATURAL GAS DOWN BUILDING EXTERIOR TO JUST ABOVE GRADE TO EXTEND ACROSS TO NEW GENERATOR. PAINT EXTERIOR PIPING PER SPECIFICATIONS TO MATCH BUILDING EXTERIOR COLOR
PL.33	NATURAL GAS DOWN BUILDING EXTERIOR TO GAS METER AND REGULATOR. PAINT EXTERIOR PIPING PER SPECIFICATIONS TO MATCH BUILDING EXTERIOR COLOR
PL.34	NATURAL GAS ELEVATION ADJUSTMENT OVER PARAPET TO HIGHER ROOF
PL.35	NEW NATURAL GAS PIPING TO MAKE CONNECTION TO EXISTING NATURAL GAS PIPING SERVING THE APPRATUS BAY IN THIS AREA



2 ROOF PIPING SUPPORT
 Scale: NTS

PANEL DESIGNATIONS ARE ASSUMED BASED ON EXISTING DRAWINGS. ELECTRICAL CONTRACTOR SHALL USE EXISTING PANELS AND PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED.



1 MEP ROOF PLAN
 Scale: 3/16" = 1'-0"
 NORTH

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SPECIAL NOTICES
 In the event the client consents to, allows, authorizes or approves of changes to any plans, specifications or other construction documents, and these changes are not approved in writing by the design professional, the client recognizes that such changes and the results thereof are not the responsibility of the design professional. Therefore, the client agrees to release the design professional from any liability arising from the construction, use or result of such changes. In addition, the client agrees to the fullest extent permitted by law, to indemnify and hold the design professional harmless from any damage, liability or cost (including reasonable attorney's fees and costs of defense) arising from such changes.
 The personal seal of the registered Architect or Engineer shall be the legal equivalent of his signature whenever & wherever used, and the owner of the seal shall authenticate this sheet and the specification sections pertaining to this sheet. Responsibility shall be disclaimed for all other plans, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural project.

CITY OF SPRINGFIELD, MO
FIRE STATION #10
 2245 E GALLOWAY ST
 SPRINGFIELD, MO 65804

Interpres Building Solutions
 Missouri Certificate of Authority #E-2013013378



Tanner Dowling, Engineer MO A-2013008868
 Revision No. | Description | Date

Project No. 20-0987 | Date 10.20.20 | Drawn TKD

Drawing No. **MEP100**
 MEP ROOF PLAN