

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BCU	BUILDING CONTROL UNIT
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
COMM.	COMMUNICATION
CV	CONTROL VALVE
(D)	DEMOLISHED
DB	DRY BULB
DCV	DEMAND CONTROLLED VENTILATION
DEG. F	DEGREES FAHRENHEIT
DIA	DIAMETER
DX	DIRECT EXPANSION
"E"	ELECTRICAL CONTRACTOR
(E)	EXISTING
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
ESP	EXTERNAL STATIC PRESSURE
FAI	FRESH AIR INTAKE
FD	FLOOR DRAIN
FLA	FULL LOAD AMPS
FT. H2O	FEET OF WATER
'G'	GENERAL CONSTRUCTION CONTRACT
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HEIGHT
'H'	HVAC CONTRACT
HP	HORSEPOWER
IN.	INCHES
IN. W.C.	INCHES WATER COLUMN (WATER GUAGE)
KW	KILOWATTS
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LCD	LIQUID CRYSTAL DISPLAY
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
M	METER
MAX	MAXIMUM
MBH	1,000 BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MIN	MINIMUM
MFA	MANUFACTURER
N.C.	NORMALLY CLOSED
N.O	NORMALLY OPEN
NFPA	NATIONAL FIRE PROTECTION AGENCY
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
'P'	PLUMBING CONTRACT
PD	PRESSURE DROP
PSIG	LBS / PER SQUARE INCH (GUAGE PRESSURE)
RD	ROOF DRAIN
RPM	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL ENERGY EFFICIENCY RATING
TEMP	TEMPERATURE
TG	TRANSFER GRILLE
TYP	TYPICAL
VFD	VARIABLE FREQUENCY DRIVE
W	WIDTH
WB	WET BULB
WMS	WIRE MESH SCREEN

SYMBOL	ABBREV	DESCRIPTION
		NEW DUCTWORK WITH 45 DEGREE TAKE OFF
	VD	VOLUME DAMPER
	CD	ROUND SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	SIDEWALL SUPPLY, RETURN OR EXHAUST
	SEE AIR DEVICE SCHEDULE	SQUARE SUPPLY CEILING DIFFUSER
	SEE AIR DEVICE SCHEDULE	CEILING RETURN OR EXHAUST GRILLE
		FLEX DUCT
	FC	FLEXIBLE CONNECTION
		TURNING VANES
		RECTANGULAR TO ROUND TRANSITION
	AL	ACOUSTICAL LINING
		END CAP
	SEE AIR DEVICE SCHEDULE	SUPPLY DIFFUSER WITH DIRECTIONAL FLOW (SOLID HATCH INDICATES BLANK OFF PANEL)
		SUPPLY DUCT DROP
		RETURN/EXHAUST DUCT DROP
		SUPPLY DUCT RISE
		RETURN/EXHAUST DUCT RISE
	DSD	DUCT SMOKE DETECTOR (SUPPLY)
	DSD	DUCT SMOKE DETECTOR (RETURN)
	MD	MOTORIZED DAMPER WITH ACTUATOR
	FD/AD	FIRE DAMPER WITH ACCESS DOOR
	FSD/AD	FIRE SMOKE DAMPER WITH ACCESS DOOR
		WORK TO BE REMOVED
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING

SYMBOL	ABBREV	DESCRIPTION
		CARBON MONOXIDE SENSOR
		THERMOSTAT
		DIGITAL TEMPERATURE SENSOR
		HUMIDITY SENSOR
		CARBON DIOXIDE SENSOR

SYMBOL	ABBREV	DESCRIPTION
		NEW WORK
		PIPING DOWN/ PIPING UP
		BALL VALVE WITH HOSE END CONNECTION
	TH	THERMOMETER
	U	UNION
	FPC	FLEXIBLE PIPE CONNECTION/ FLEX PIPE
		DIRECTION OF FLOW
	PSR	PRESSURE SAFETY AND RELIEF VALVE
	PRV	PRESSURE REDUCING VALVE
	BV	BALL VALVE
	BA	BALANCING VALVE
	BFV	BUTTERFLY VALVE
		TEMPERATURE SENSOR WITH THERMOWELL
	GA	GATE VALVE
	GB	GLOBE VALVE
	AV	AUTOMATIC AIR VENT
	CV	2-WAY CONTROL VALVE
	CV	3-WAY CONTROL VALVE
		PLUG VALVE
	STR	STRAINER
	FD	FLOOR DRAIN
		AIR SEPARATOR
		STEAM TRAPS (INDICATE TYPE)
	CH	CHECK VALVE
	PG	PRESSURE GAUGE WITH GAUGE COCK
	RED	REDUCER
	CO	CLEANOUT END CAP
		CAPPED PIPE
		PUMP
		WORK TO BE REMOVED
		POINT OF DISCONNECTION FROM EXISTING
		POINT OF RECONNECTION TO EXISTING
	TDV	TRIPLE DUTY VALVE

HVAC SHEET LIST	
Sheet Number	Sheet Name
M 001.00	GENERAL HVAC NOTES, LEGENDS, AND ABBREVIATIONS
M 101.00	FIRST FLOOR HVAC PLAN
M 132.00	SECOND FLOOR HVAC PLAN
M 133.00	ROOF HVAC PLAN
M 510.00	DETAILS (1 OF 2)
M 520.00	DETAILS (2 OF 2)
M 610.00	SCHEDULES (1 OF 2)
M 620.00	SCHEDULES (2 OF 2)
M 630.00	KITCHEN SCHEDULE AND DETAILS (1 OF 2)
M 631.00	KITCHEN SCHEDULES AND DETAILS (2 OF 2)
MD 101.00	FIRST FLOOR HVAC DEMO PLAN
MD 102.00	SECOND FLOOR HVAC DEMO PLAN
MD 103.00	ROOF HVAC DEMO PLAN

ENERGY CODE STATEMENT
TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THE DRAWINGS AND SPECIFICATIONS WHICH COMPRISE THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT ARE IN COMPLIANCE WITH THE LATEST EDITIONOF THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE.

PIPING SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION
	HEATING HOT WATER SUPPLY
	HEATING HOT WATER RETURN
	REFRIGERANT SUCTION & LIQUID
	CONDENSATE DRAIN LINE

EQUIPMENT ABBREVIATIONS

IDENTIFICATION	DESCRIPTION
RTU-1	ROOFTOP UNIT - No. 1
DSEU-1	DUCTLESS SPLIT EVAPORATOR UNIT - No. 1
DSCU-1	DUCTLESS SPLIT CONDENSING UNIT - No. 1
EF-1	EXHAUST FAN - No. 1
ECH-1	ELECTRIC CABINET HEATER - No. 1
HWUH-1	HOT WATER UNIT HEATER - No. 1
CP-1	CIRCULATOR PUMP - No. 1
AS-1	AIR SCRUBBER - No. 1
L-1	LOUVER - No. 1

GENERAL NOTES

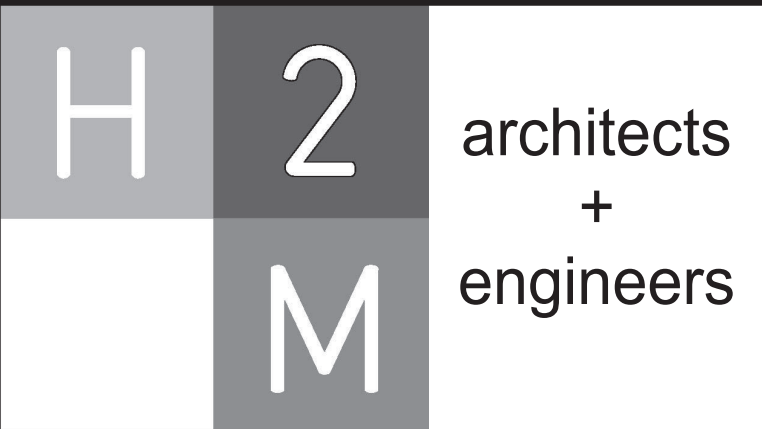
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
- THE CONTRACTOR, BY PRESENTING THEIR BID FOR THE WORK, REPRESENTS THAT HE/SHE HAS INSPECTED THE SITE AND IS COMPLETELY FAMILIAR WITH THE SCOPE OF WORK AND ALL FIELD CONDITIONS RELATED TO, AND AFFECTING THE WORK AND ITS PERFORMANCE. EXCEPTIONS AFFECTING THE WORK AND ITS PERFORMANCE, OR CONFLICTS BETWEEN FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF BIDS.
- PERFORM ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE, FIRE CODE, MECHANICAL CODE, ENERGY CONSERVATION CONSTRUCTION CODE, AND FUEL GAS CODE OF NEW YORK STATE AND REQUIREMENTS OF THE LOCAL AUTHORITIES HAVING JURISDICTION.
- COMPLY WITH THE NATIONAL ELECTRIC CODE AND THE REQUIREMENTS OF DIVISION 26 FOR ALL ELECTRICAL INSTALLATIONS.
- FIRE STOP ALL OPENINGS IN FIRE RATED CONSTRUCTION FOR PIPING, DUCTWORK, CONDUIT, ETC. PROVIDE FIRE DAMPERS AND ACCESS DOORS IN ALL OPENINGS IN FIRE RATED FLOORS, PARTITIONS, AND WALLS FOR DUCTWORK AS PER THE MECHANICAL CODE OF NEW YORK STATE. (SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED CONSTRUCTION.)
- DO NOT SCALE DRAWINGS. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS, PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS. INSTALL ALL EQUIPMENT AS PER MANUFACTURER'S REQUIREMENTS TO PROVIDE PROPER CLEARANCE FOR INSTALLATION, OPERATION, AND MAINTENANCE. CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION AND CONTRACTOR'S FABRICATED ITEMS SHALL ENSURE A PROPER "FIT" AND INSTALLATION. BRING ANY CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE SUBMITTAL PHASE FOR RESOLUTION PRIOR TO PURCHASING ANY EQUIPMENT.
- MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE FROM FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK. OBTAIN THE APPROVAL OF THE ARCHITECT/ENGINEER FOR MODIFICATIONS.
- PROVIDE PRODUCTS OF ONE MANUFACTURER WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF MATERIAL OR EQUIPMENT IS REQUIRED.
- INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS. REFER TO DETAILS FOR ADDITIONAL PIPING AND EQUIPMENT INSTALLATION REQUIREMENTS.
- LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP- AND DOWNSTREAM AS RECOMMENDED BY THE MANUFACTURER TO ENSURE MANUFACTURER CERTIFIED ACCURACY.
- COORDINATE ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL PIPING AND DUCT TRANSITIONS REQUIRED FOR FINAL CONNECTIONS TO EQUIPMENT.
- COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
- COORDINATE INSTALLATION OF SUPPLY AND RETURN GRILLES WITH INSTALLATION OF FINISHED CEILINGS.
- COMPLETE ALL PRESSURE TESTS BEFORE ANY MECHANICAL EQUIPMENT, DUCTWORK, OR PIPING INSULATION IS APPLIED.
- TESTING, ADJUSTING, AND BALANCING AGENCY SHALL BE A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL (AABC) OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB). PERFORM ALL TESTING, ADJUSTING, AND BALANCING IN ACCORDANCE WITH THE SPECIFICATIONS.
- MAKE ALL ATTACHMENTS TO JOISTS, TRUSSES, OR JOIST GIRDERS AT PANEL POINTS. PROVIDE BEAM CLAMPS MEETING MSS STANDARDS. THE USE OF C-CLAMPS IS NOT PERMITTED.
- PROVIDE CONCRETE PADS A MINIMUM OF 6 INCHES HIGH FOR ALL FLOOR MOUNTED EQUIPMENT. EXTEND PAD 4 INCHES BEYOND THE EQUIPMENT ON ALL SIDES.
- LINE ALL SUPPLY AND RETURN DUCTWORK WITHIN 20 FEET UPSTREAM AND DOWNSTREAM OF FANS WITH 1" THICK INSULATION. SEE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS, AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIR STREAM. PROVIDE TRAP AT CONNECTION, WATER SEAL DEPTH 1 INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY ARCHITECT/ENGINEER.
- INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING HUNG CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- PROVIDE SMOKE DETECTORS IN DUCTWORK FOR AIR HANDLING UNITS RATED AT 2,000 CFM OR GREATER. SMOKE DETECTOR SUPPLY AND WIRING IS PART OF CONTRACT 'E'.
- PROVIDE ALL NECESSARY CONTROL WIRING, CONDUIT, AND ACCESSORIES AS REQUIRED TO PROVIDE FULLY FUNCTIONING SYSTEMS AND SEQUENCES OF OPERATION.
- PROVIDE ALL LINTELS FOR DUCT AND PIPE PENETRATIONS IN INTERIOR MASONRY WALLS.
- PROVIDE ALL SLEEVES FOR PIPE AND CONDUIT FLOOR, WALL, PARTITION, AND ROOF PENETRATIONS.
- PROVIDE ALL CURBS FOR ALL ROOF MOUNTED EQUIPMENT AND DUCT PENETRATIONS.
- REMOVE CHASE ENCLOSURE COVER WHEN PERFORMING WORK IN ANY CHASE, AND REINSTALL THE CHASE ENCLOSURE COVER WHEN WORK IS COMPLETE.

WORK IN EXISTING AREAS

- EXISTING CONDITIONS, INCLUDING EQUIPMENT, DUCT AND PIPE SIZES AND LOCATIONS, INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC. CONFIRM ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
- CUT AND ROUGH PATCH EXISTING CONSTRUCTION AS REQUIRED FOR THE PERFORMANCE OF THE WORK. FINISH PATCHING AND FLASHING REQUIREMENTS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. PERFORM ALL CUTTING AND PATCHING WORK IN A MANNER SUCH THAT EXISTING WARRANTIES/GUARANTEES ARE NOT VOIDED, USE QUALIFIED PERSONNEL IN PERFORMANCE OF WORK.

LEGENDS/ABBREVIATIONS NOTES

- ABBREVIATIONS AND SYMBOLS ON THIS SHEET DO NOT DEFINE THE SCOPE OF WORK.



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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT	CONTRACT G GENERAL CONSTRUCTION
STATUS	CONSTRUCTION DOCUMENTS
SHEET TITLE	GENERAL HVAC NOTES, LEGENDS, AND ABBREVIATIONS
DRAWING No.	M 001

CONSULTANTS:


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ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

CONSTRUCTION DOCUMENTS

SHEET TITLE

FIRST FLOOR HVAC PLAN

DRAWING No.

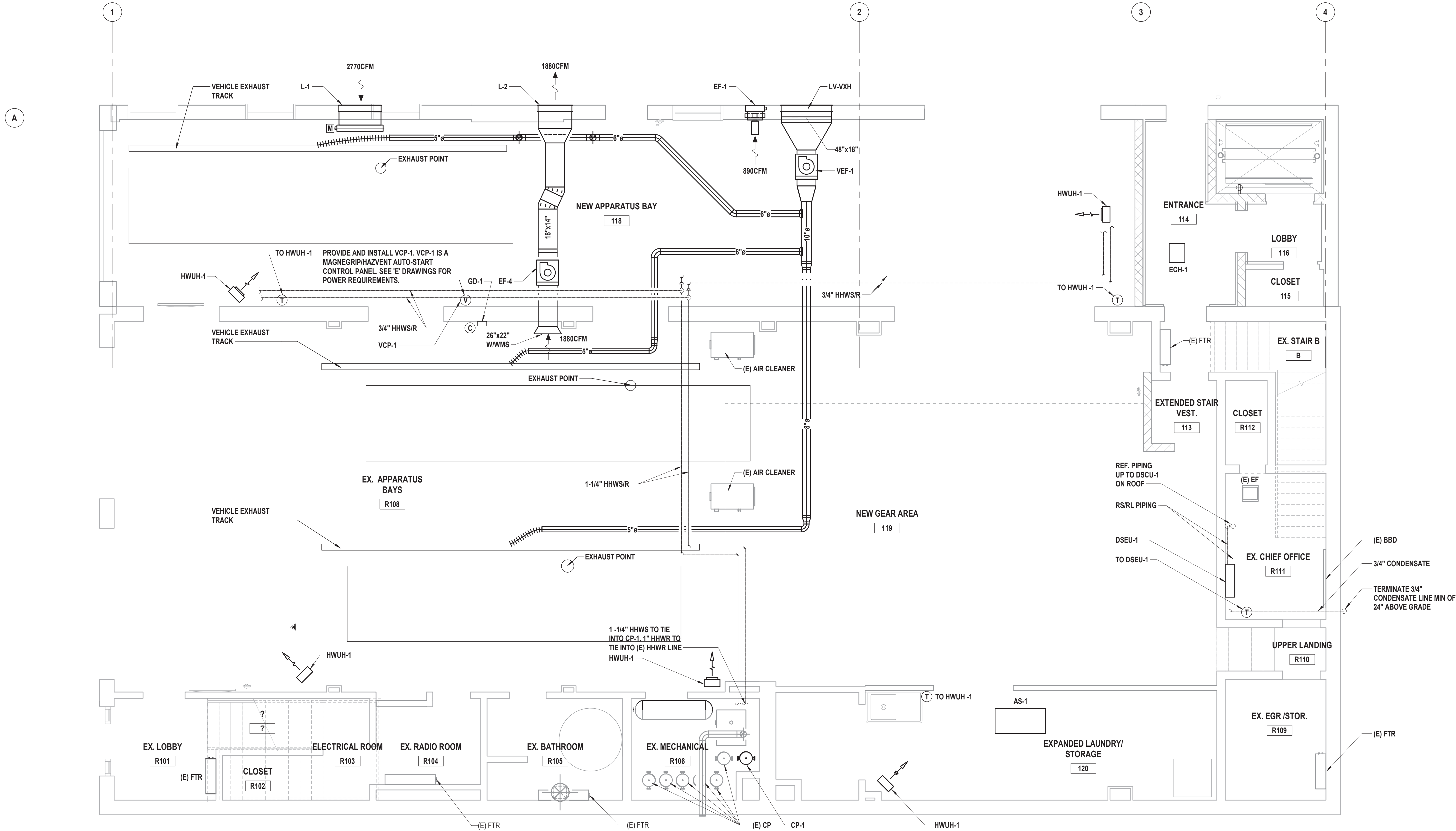
M 101

GENERAL WORK NOTES:

1. SIZE ALL REFRIGERANT PIPING AS PER MANUFACTURER'S INSTALL MANUAL.
INSTALL ALL REFRIGERANT PIPING AS PER SPECIFICATIONS.
2. INSTALL AND PITCH ALL CONDENSATE DRAIN PIPING, AS PER SPECIFICATIONS.
REFER TO MANUFACTURER'S INSTALL GUIDE, FOR PROPER CONNECTION FROM INDOOR UNIT DRAIN HOSE, TO CONDENSATE MAIN.
3. INSTALL HVAC EQUIPMENT AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. INSULATE ALL HOT WATER PIPING AS PER SPECIFICATION.
5. ALL NEW UNIT HEATERS TO BE MOUNTED ABOVE DOOR OPENINGS UNLESS OTHERWISE SPECIFIED.
6. CONNECT REPLACED HOT WATER UNIT HEATERS TO EXISTING HOT WATER PIPING TAPS.
7. DIRECT CAPTURE VEHICLE EXHAUST SYSTEM MANUFACTURED BY MAGNEGRIIP SHALL BE PROVIDED FOR ALL VEHICLES LOCATED IN THE EXISTING AND NEW APPARATUS BAYS

VEHICLE EXHAUST SYTEM NOTES:

1. BASIS OF DESIGN IS MAGNEGRIIP.
2. CONTRACTOR SHALL PROVIDE AND INSTALL ALL VEHICLE EXHAUST RAILS, THE DIRECT CAPTURE VEHICLE EXHAUST FAN, ALL ASSOCIATED DUCTWORK, ALL ASSOCIATED LOUVERS, THE DIRECT CAPTURE VEHICLE EXHAUST CONTROL PANEL, AND ALL NECESSARY EQUIPMENT AND HARDWARE FOR PROPER SYSTEM OPERATION, AS INTENDED ON THIS DRAWING.
3. CONTRACTOR SHALL FIELD COORDINATE THE EXACT LOCATION/PLACEMENT OF THE VEHICLE EXHAUST RAILS AND ALL ASSOCIATED VEHICLE EXHAUST EQUIPMENT WITH THE DIRECT CAPTURE VEHICLE EXHAUST SYSTEM MANUFACTURER, PRIOR TO INSTALLATION. THIS DRAWING IS DIAGRAMMATIC ONLY. VEHICLE EXHAUST SYSTEM DESIGN TO CHANGE, BASED ON FIELD CONDITIONS.
4. FOR VCP-1, CONTRACTOR SHALL PROVIDE AND INSTALL MAGNEGRIIP / HAZVENT AUTO-START CONTROL PANEL SYSTEM OR APPROVED EQUAL.



1 First Floor HVAC Plan
SCALE: 1/4" = 1'-0"

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**VILLAGE OF MOUNT
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ADDITIONS AND ALTERATIONS TO MUTUAL STATION



99 MAIN STREET, MOUNT KISKO,
NY 10549

CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

STATUS **CONSTRUCTION DOCUMENTS**

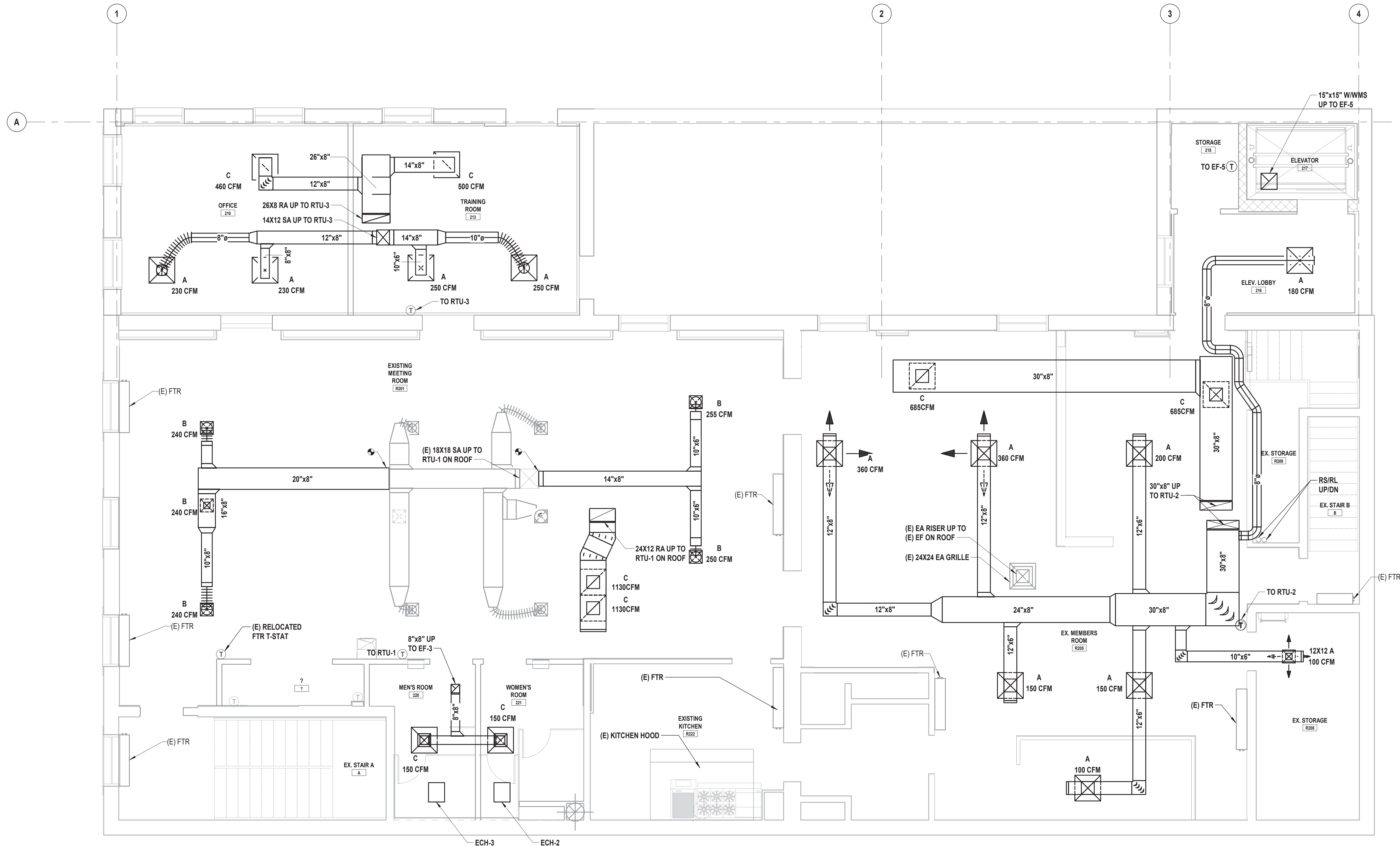
SHEET TITLE

**SECOND FLOOR HVAC
PLAN**

DRAWING No.

M 132

1. SIZE ALL REFRIGERANT PIPING AS PER MANUFACTURER'S INSTALL MANUAL. INSTALL ALL REFRIGERANT PIPING AS PER SPECIFICATIONS.
2. INSTALL HVAC EQUIPMENT AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. CONTRACTOR SHALL EMPLOY THE SERVICES OF A LICENSED, INDEPENDENT, TESTING AND BALANCING AGENCY TO BALANCE EXISTING DUCTWORK AND DIFFUSERS TO THE VALUES SHOWN, FOR SYSTEMS RTU-1 THROUGH RTU-3.
4. INSULATE ALL HOT WATER PIPING AS PER SPECIFICATION.
5. PROVIDE VOLUME DAMPERS AT ALL BRANCH DUCTS.
6. MAX FLEX DUCT TO BE 5'-0".
7. CLEAN AND SANITIZE EXISTING DUCTWORK AS NECESSARY. SEE SPECIFICATIONS FOR MORE INFORMATION.



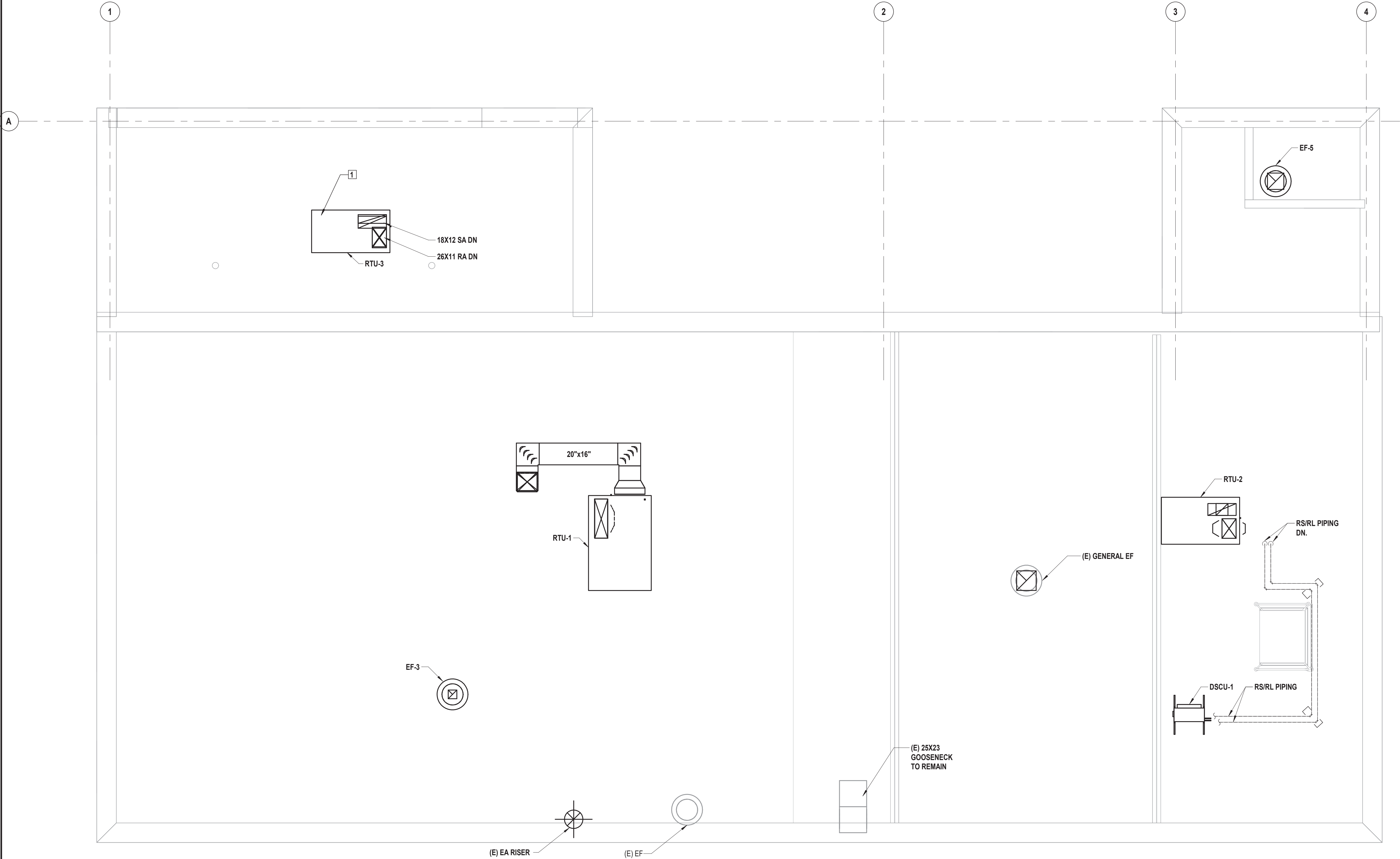
1 Second Floor HVAC Plan
SCALE: 1/4" = 1'-0"

KEYED MECHANICAL CONSTRUCTION NOTES:

- 1 CONTRACTOR SHALL PROVIDE AND INSTALL ROOF HARNESS TIE OFF POINTS, FOR RTU-3. SEE 'A' DRAWINGS FOR FURTHER INFORMATION ON ROOF TIE OFF POINTS.

GENERAL WORK NOTES:

- COORDINATE FINAL LOCATION OF RTU'S WITH STRUCTURAL DRAWINGS.
- ALL HVAC EQUIPMENT TO BE 10'-0" MINIMUM FROM ROOF EDGE WHERE PARAPET IS NOT PROVIDED.
- ALL FASTENERS INTO TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.
- ALL CURBS FOR MECHANICAL EQUIPMENT TO BE PROVIDED AND INSTALLED BY THE 'H' CONTRACTOR.
- ROOFING WORK SHALL BE PERFORMED BY A CERTIFIED CONTRACTOR APPROVED BY THE ROOF SYSTEM MANUFACTURER TO ENSURE CONTINUAL WARRANTY COVERAGE OF THE ROOF SYSTEM. ALL WORK SHALL BE PERFORMED SO THAT THE WARRANTY WILL BE MAINTAINED AND AVOID OR ALTER THE WARRANTY. THESE DRAWINGS SERVE AS A GENERAL GUIDLINE FOR TYPICAL ROOFING CONVENTIONS. REFER TO AND ADHERE TO MANUFACTURER'S DETAILS AND WARRANTY REQUIREMENTS FOR ADDITIONAL INFORMATION.
- NO ASBESTOS CONTAINING MATERIAL IS ALLOWED TO BE UTILIZED IN THE INSTALLATION OF ANY ROOFING CAULKING OR MATERIAL.
- OUTDOOR AIR INTAKES SHALL BE LOCATED 10'-0" MINIMUM FROM ANY SOURCE OF BUILDING EXHAUST.



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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO MUTUAL STATION

99 MAIN STREET, MOUNT KISCO, NY 10549

CONTRACT

CONTRACT G

GENERAL CONSTRUCTION

STATUS

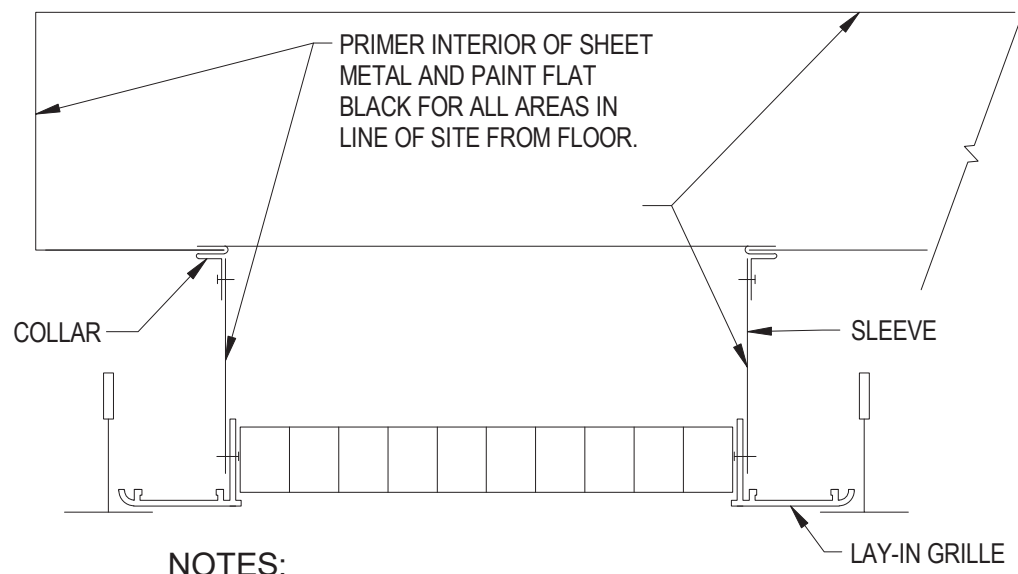
CONSTRUCTION DOCUMENTS

SHEET TITLE

ROOF HVAC PLAN

DRAWING No.

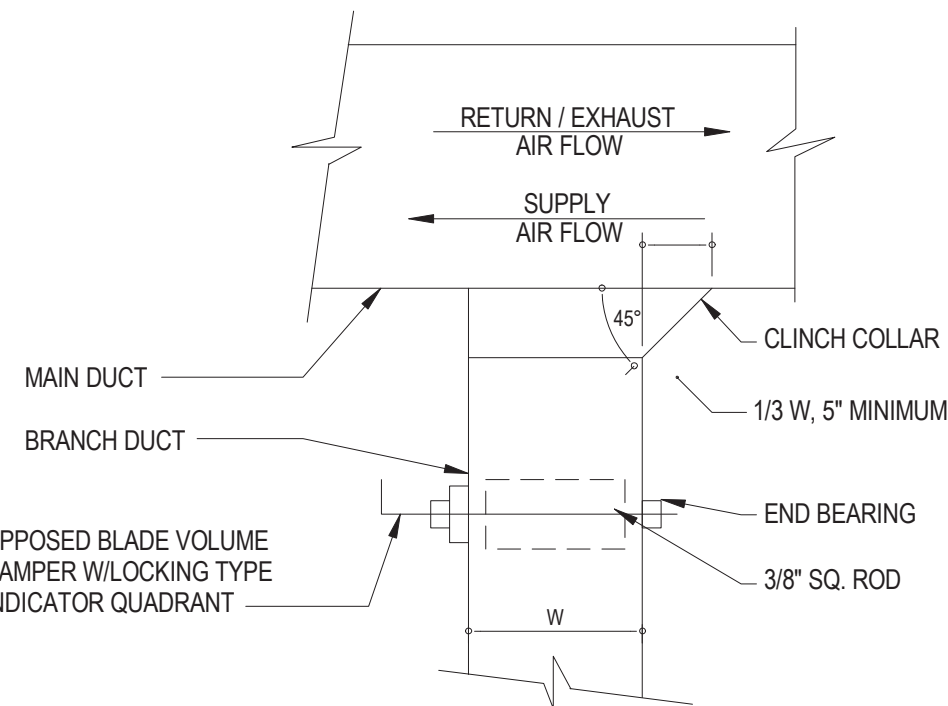
M 133



- NOTES:
1. PROVIDE A GRILLE WITH A LAY-IN, ALUMINUM FRAME/ BORDER.
 2. PROVIDE CONCEALED SCREW HOLES IN NECK.
 3. PROVIDE CLINCH LOCK DUCT COLLAR AND TELESCOPIC SLEEVE.
 4. SECURE GRILLE FRAME/ TO SLEEVE AND DUCT COLLAR TO SLEEVE.

1 DUCTED CEILING GRILLE DETAIL

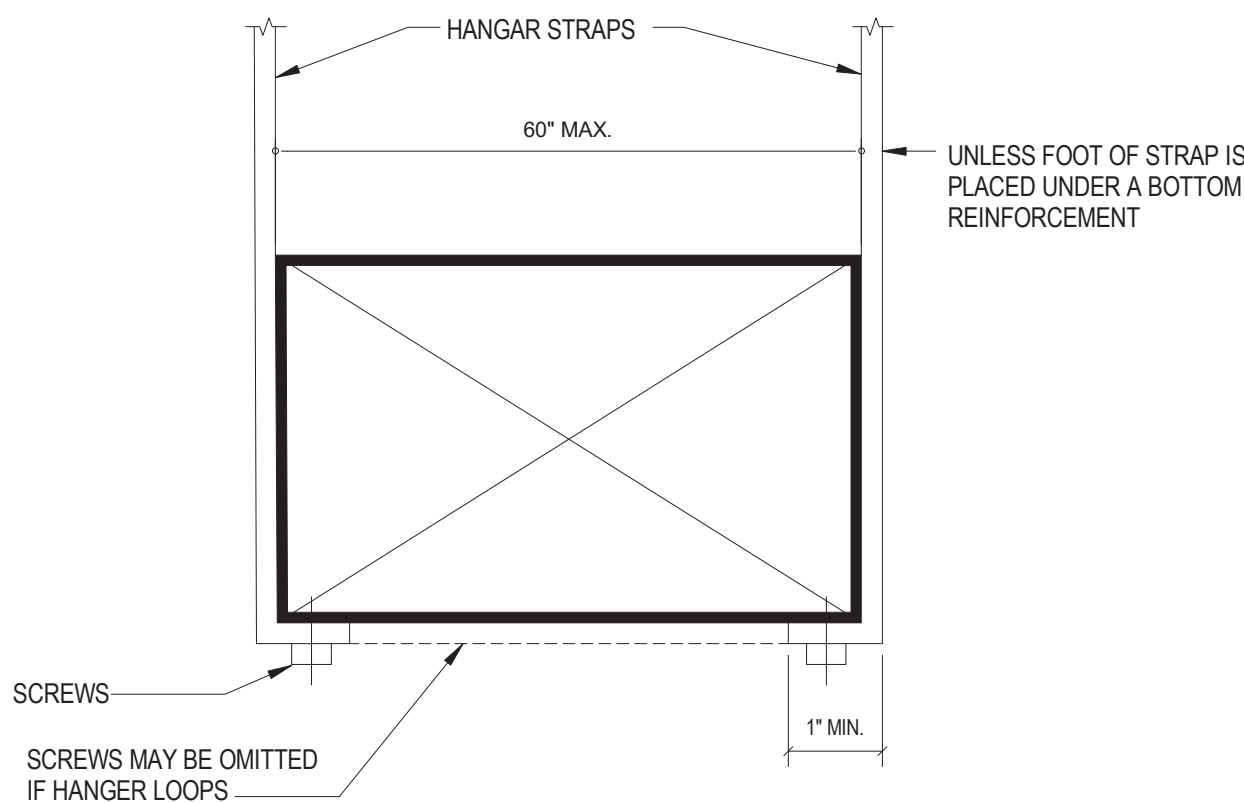
SCALE: NTS



- NOTES:
1. FURNISH THIS TYPE OF CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS SHOWN FOR LOW PRESSURE BRANCHES WITH LESS THAN 33% CAPACITY OF MAIN DUCT.

5 DUCT BRANCH TAKEOFF

SCALE: NTS



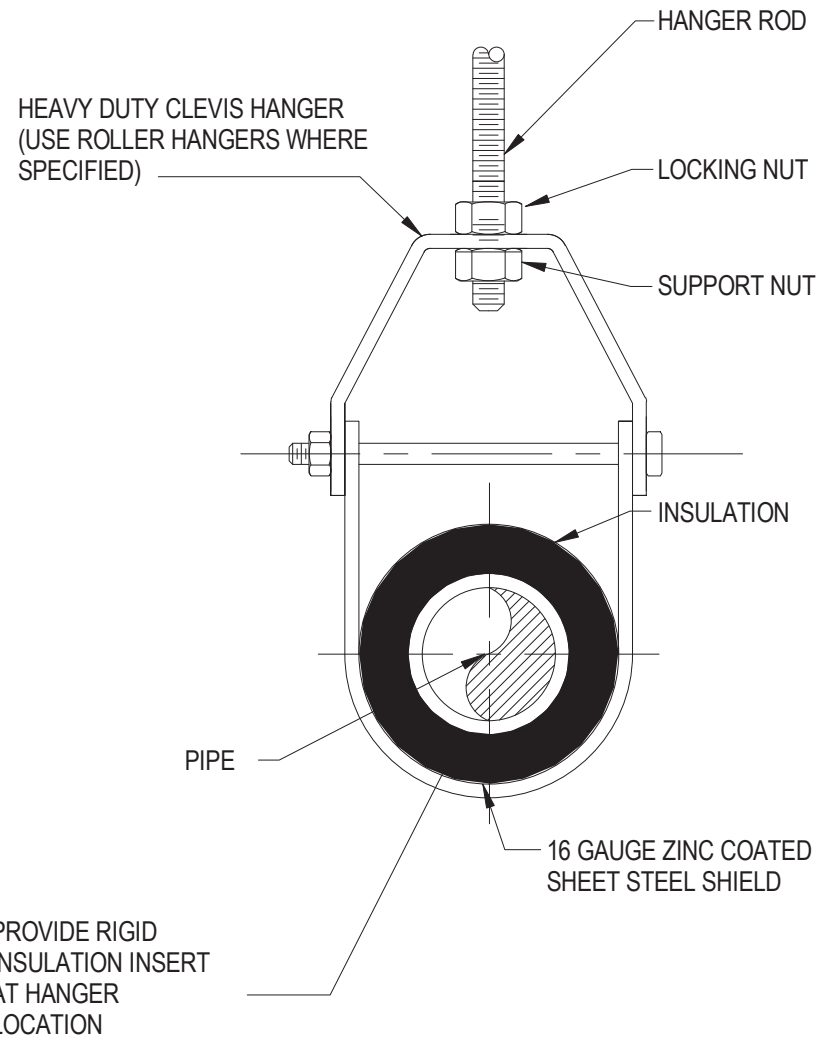
STRAP HANGER

NOT TO SCALE

- NOTES:
1. PROVIDE SUPPORTS IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS.

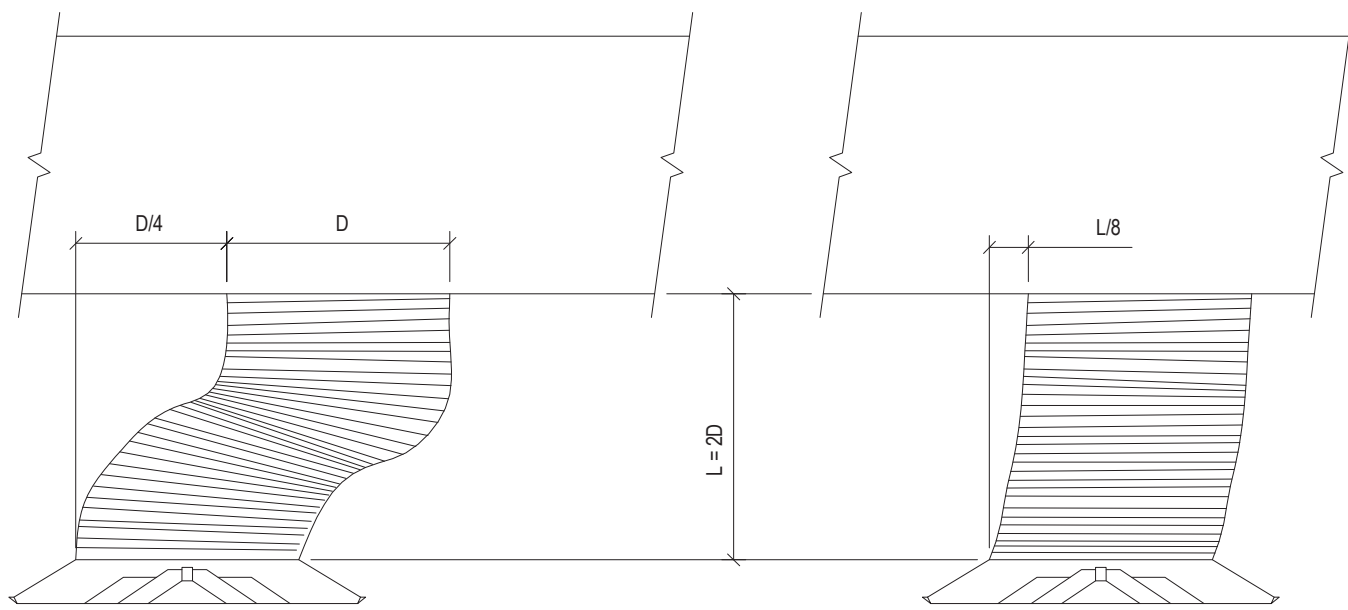
9 RECTANGULAR DUCT SUPPORT DETAIL

SCALE: NTS



2 STEEL PIPE HANGER DETAILS

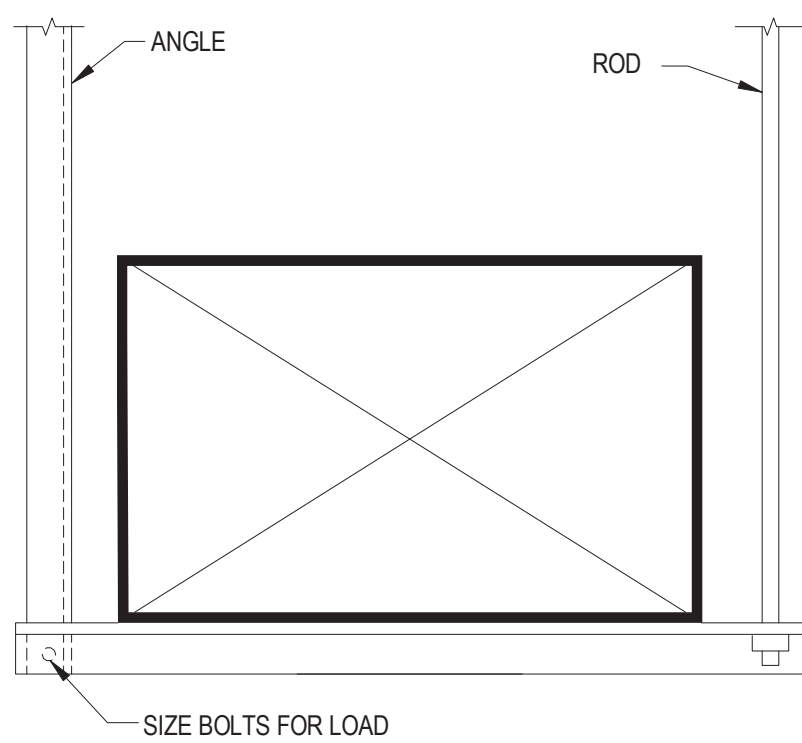
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- NOTES:
1. THE AMOUNT OF OFFSET WITH FLEXIBLE DUCT SHALL NOT EXCEED THE GREATER AMOUNT OF D/4 OR L/8 OTHERWISE PROVIDE A SHEETMETAL PLENUM CONNECTION.

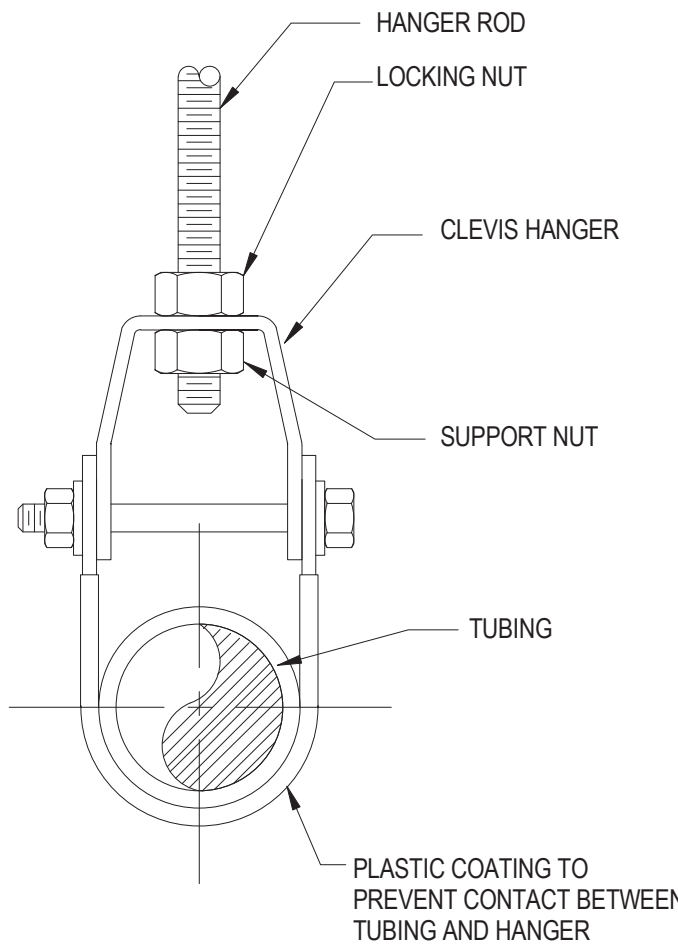
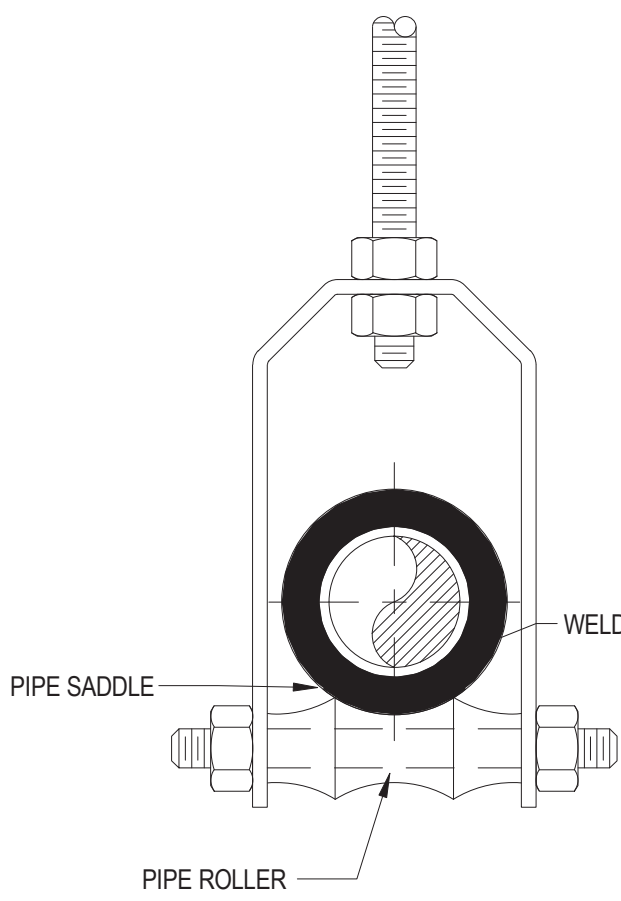
6 ROUND FLEXIBLE DUCT CONNECTIONS

SCALE: NTS



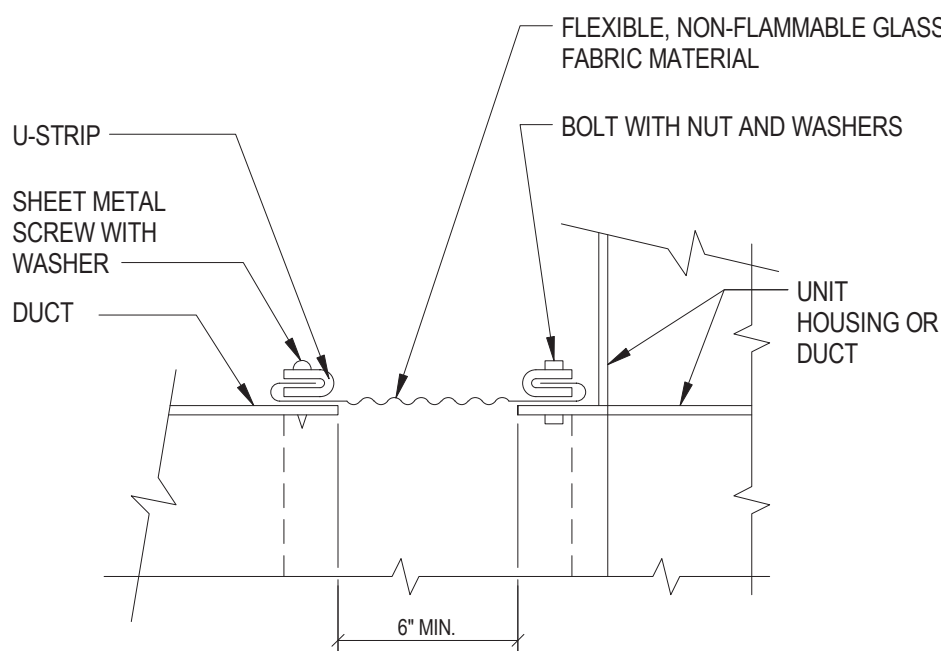
TRAPEZE HANGER

NOT TO SCALE



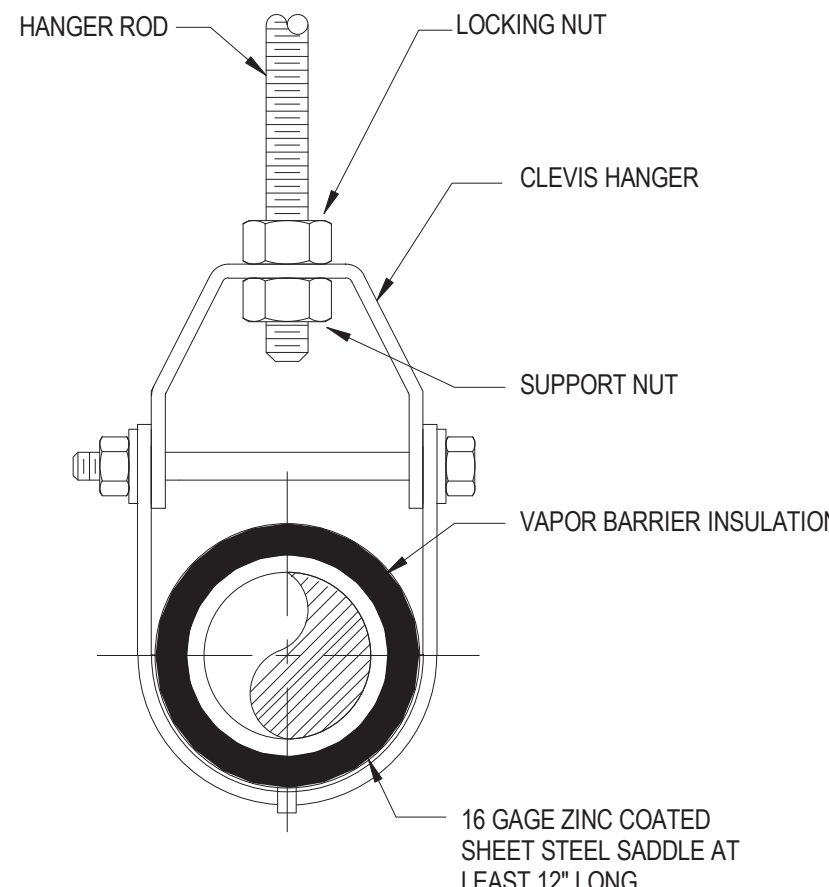
3 COPPER TUBING HANGER DETAILS

SCALE: NTS

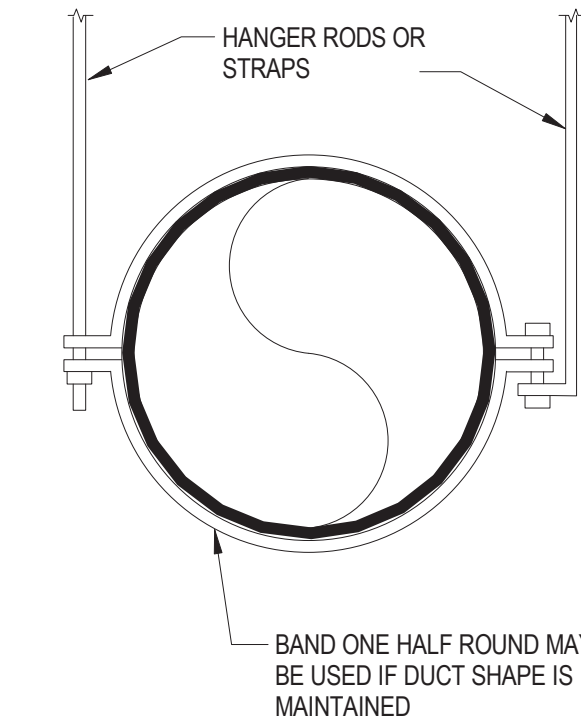


7 FLEXIBLE CONNECTION

SCALE: NTS



HANGERS MUST NOT DEFORM DUCT SHAPE

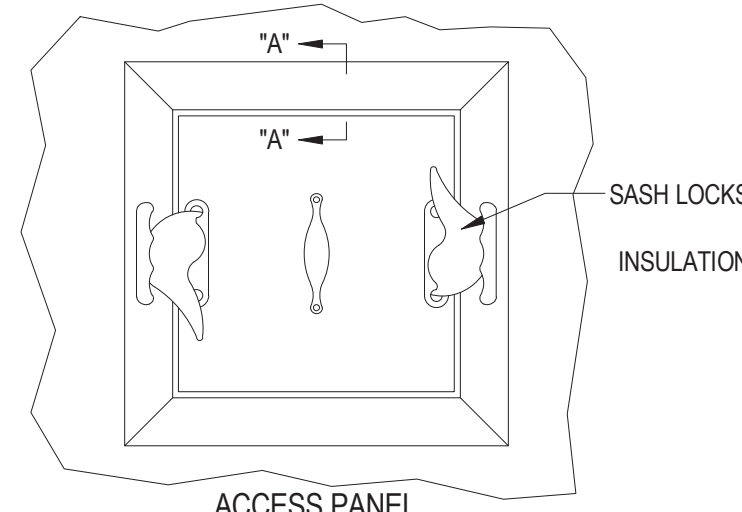


DUCT DIAMETER	BLK. OR GALV. ROD	GALVE STEEL STRAP
TO 10"	1/4"	1" X 22 GA.
11" TO 18"	1/4"	1" X 22 GA.
19" TO 24"	1/4"	1" X 22 GA.

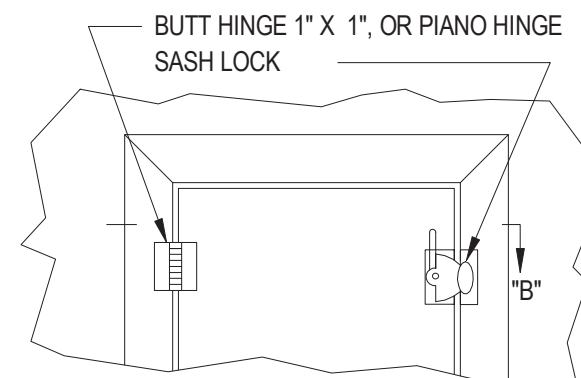
- NOTES:
1. PROVIDE SUPPORTS IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS.
 2. SPACING 8'-0" ON CENTERS MAX.

8 ROUND DUCT HANGERS

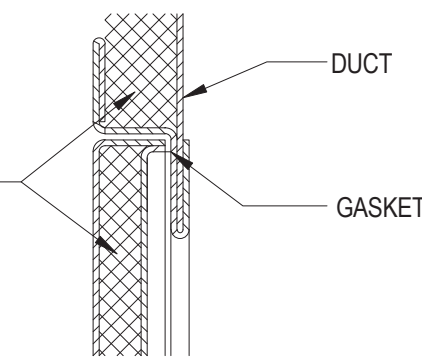
SCALE: NTS



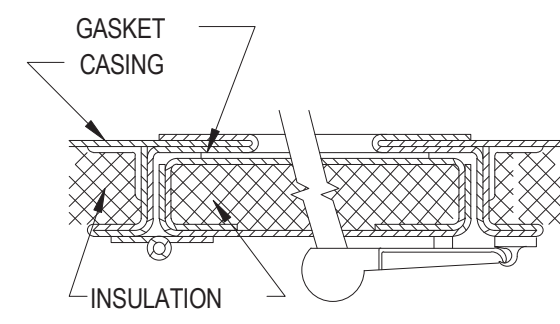
ACCESS PANEL



ACCESS DOOR



SECTION "A-A"



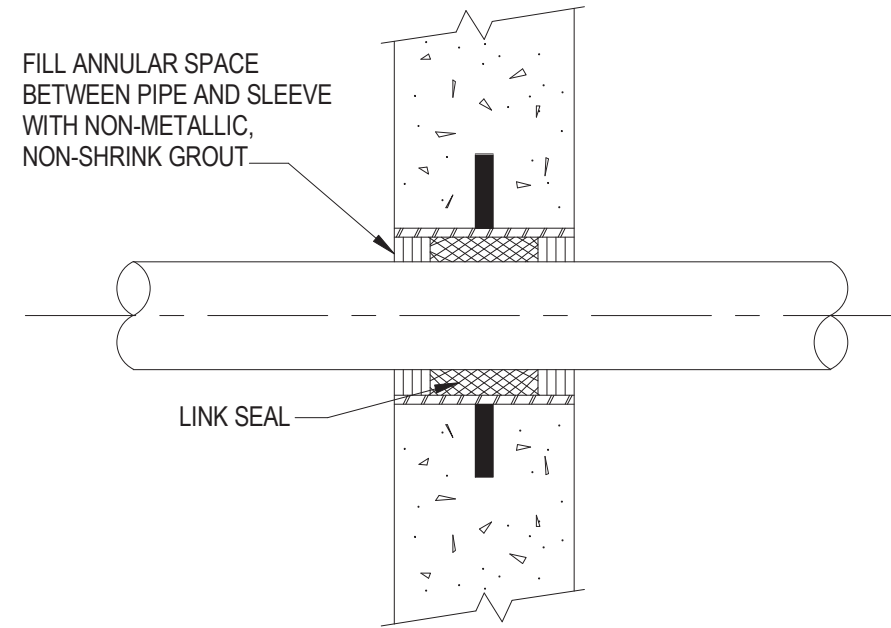
SECTION "B-B"

DOOR SIZE	NO. HINGES	NO. LOCKS	METAL GAGE		
			FRAME	DOOR	BACK
12" X 12"	2	1-S	24	26	26
16" X 20"	2	2-S	22	24	26
24" X 24"	3	2-S	22	22	26

- NOTES:
1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
 2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
 3. PROVIDE ACCESS PANELS ON ALL DUCTWORK INSTALLED ABOVE FINISHED CEILINGS WHERE SPACE LIMITATIONS DO NOT ALLOW HINGED DOORS TO OPEN.

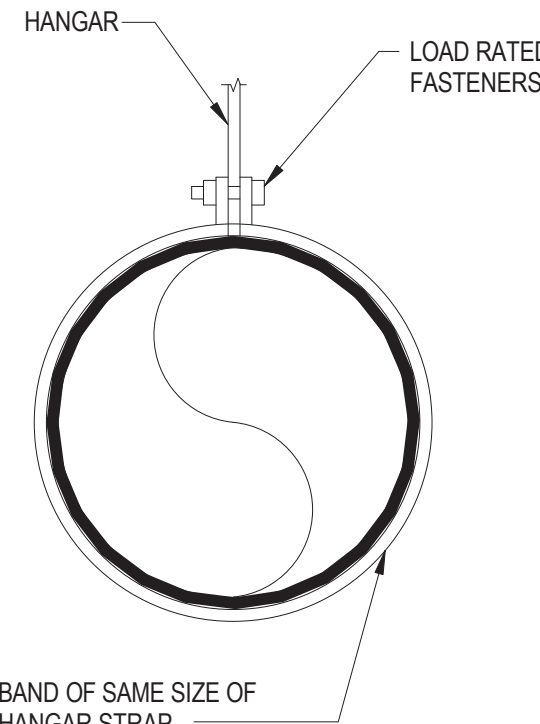
11 LOW PRESSURE 2" W.G. OR LESS ACCESS DOOR & PANEL DETAILS

SCALE: NTS



4 DETAIL OF PIPE SLEEVE THRU WALL

SCALE: NTS



BAND OF SAME SIZE OF HANGER STRAP

DUCT DIAMETER	BLK. OR GALV. ROD	GALVE STEEL STRAP
TO 10"	1/4"	1" X 22 GA.
11" TO 18"	1/4"	1" X 22 GA.
19" TO 24"	1/4"	1" X 22 GA.

- GENERAL NOTES:
1. FIRE DAMPER TO BE U.L. LABELED N.F.P.A. 90A.
 2. N.F.P.A. APPROVED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF FIRE DAMPER FOR APPROVAL, WHICH SHALL MEET N.F.P.A. STANDARD 90A.
 3. DETAILS SHOWN ARE FOR FIRE DAMPERS IN HORIZONTAL DUCTWORK. FOR FIRE DAMPERS IN VERTICAL DUCTWORK, DETAILS SIMILAR EXCEPT DAMPERS SHALL BE SPRING LOADED.
 4. U.L. APPROVED BREAKAWAY SLIP-JOINT CONNECTION MAY BE USED IN LIEU OF FLANGED CONNECTION.
 5. ACCESS DOOR IS SHOWN ON SIDE OF DUCT. IF FUSIBLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT, RELOCATE ACCESS DOOR.
 6. FROM FIRST 10'-0" OF FAN DISCHARGE DUCTS AND FOR DUCT SIZES LESS THAN 6" DEEP, FIRE DAMPER BLADES SHALL BE INSTALLED IN POCKET OUTSIDE OF AIR STREAM.

ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 30"	1"x1/8"
31" TO 34"	1-1/2"x1-1/2"x1/8"
35" TO 44"	3"x2"x3/16"
45" TO 120"	3"x2"x3/16"

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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO
MUTUAL STATION

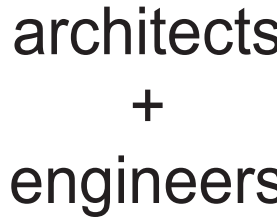
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STATUS CONSTRUCTION DOCUMENTS

SHEET TITLE DETAILS (1 OF 2)

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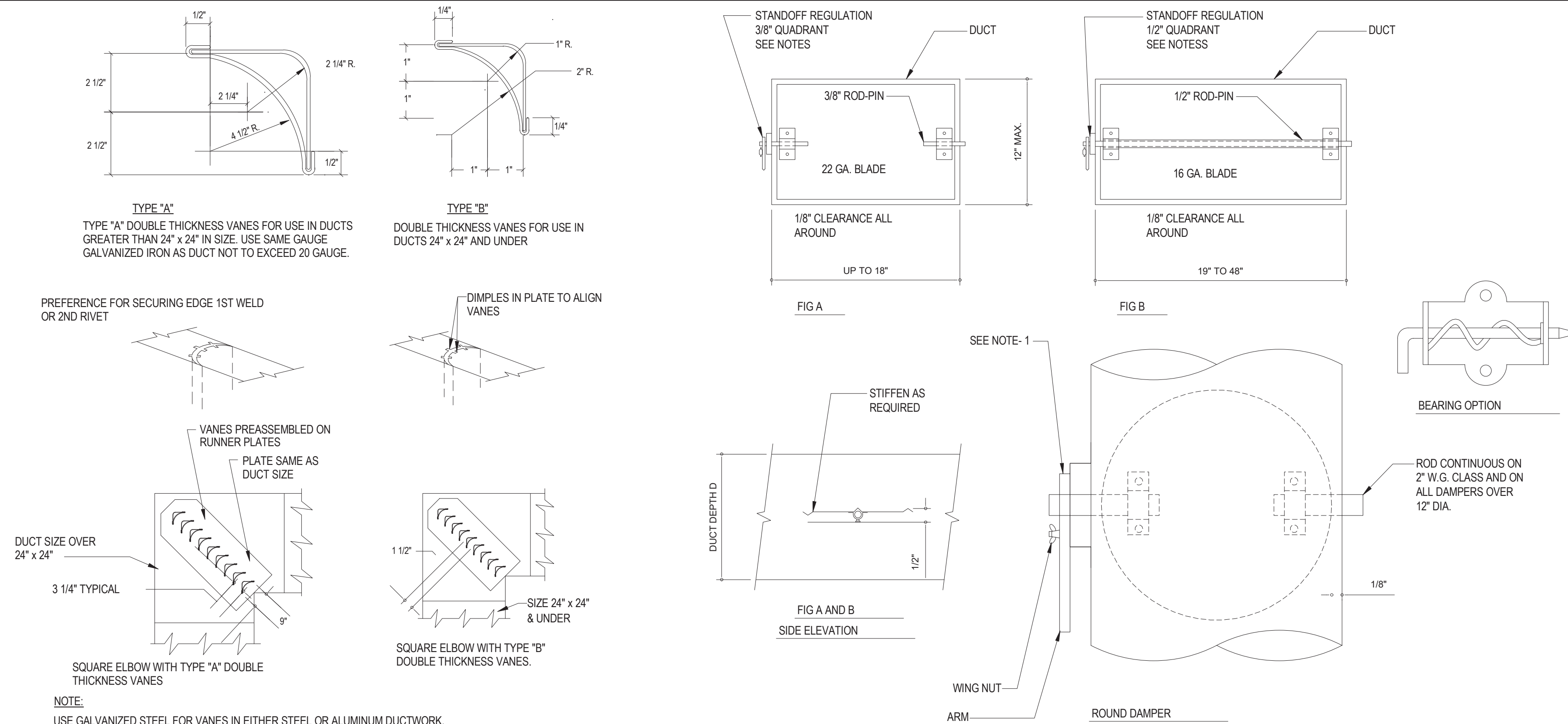
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DETAILS (2 OF 2)

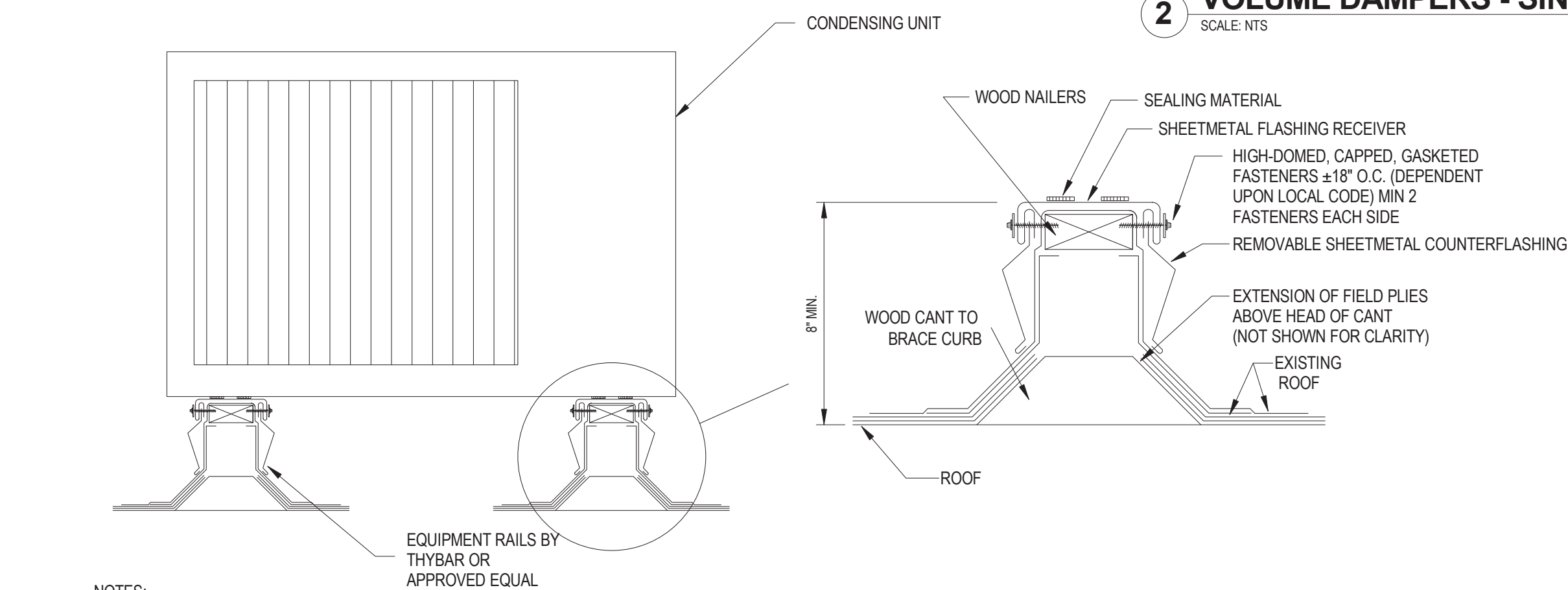
DRAWING No.

M 520



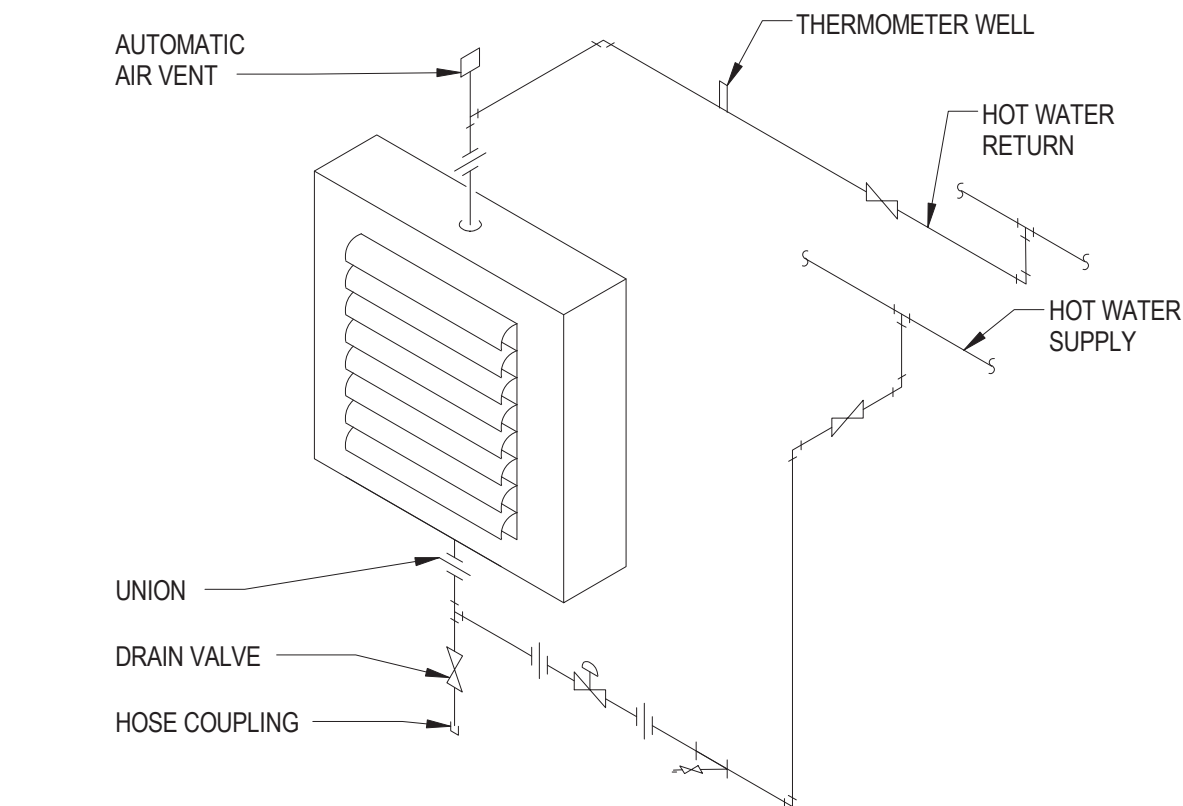
1 TURNING VANES DETAIL

SCALE: NTS



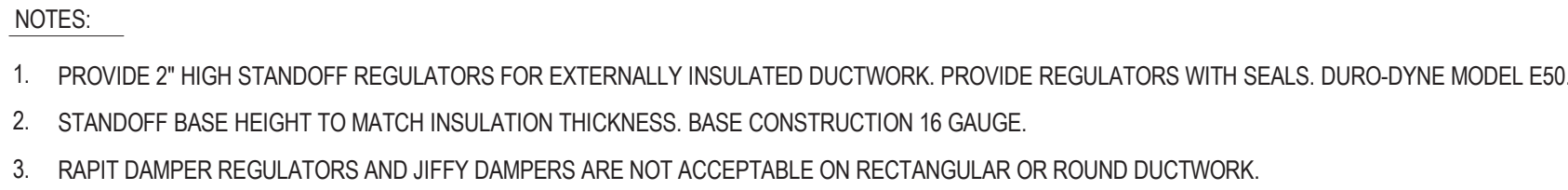
1 CONDENSING UNIT CURB DETAIL

SCALE: NTS



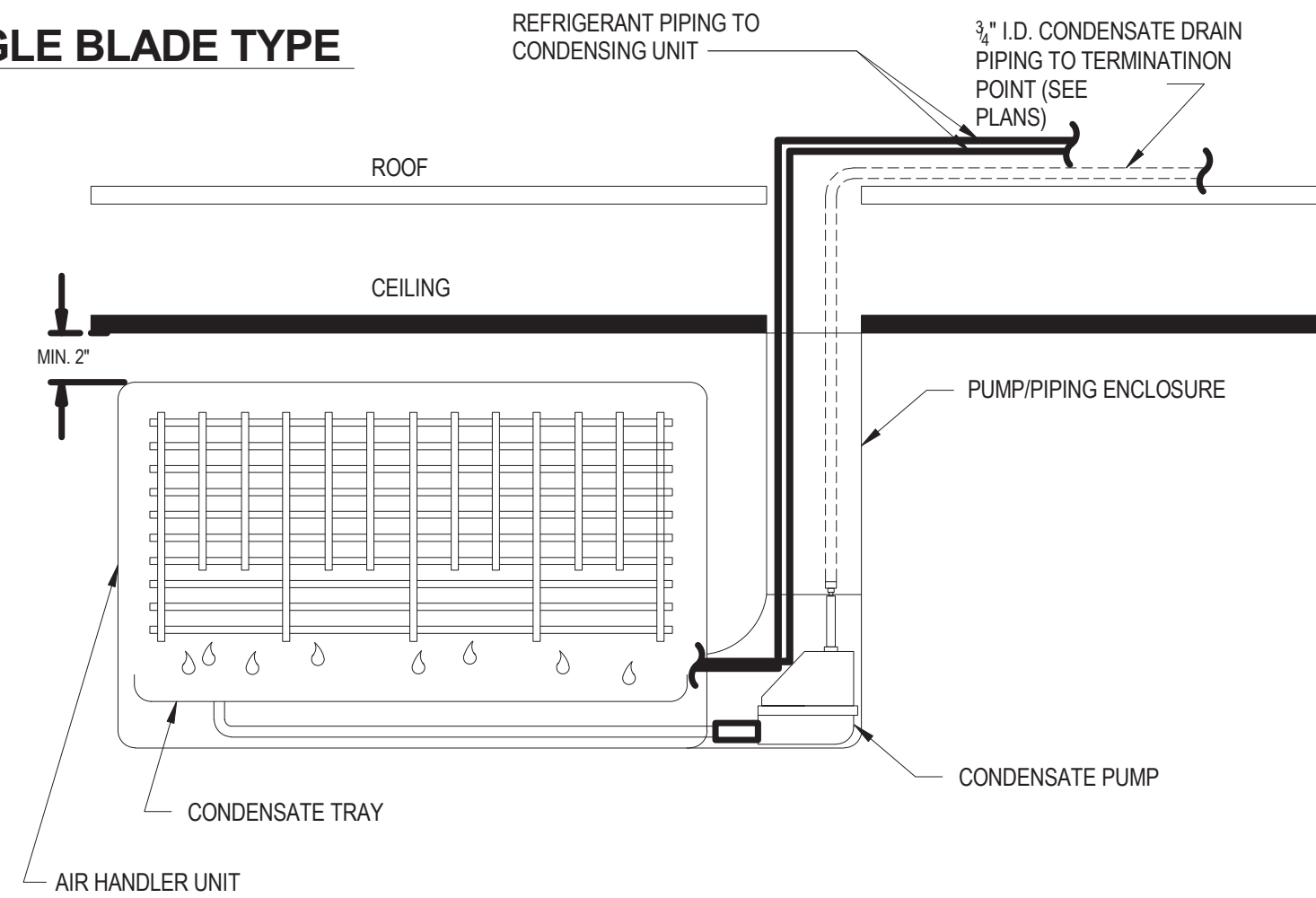
7 HOT WATER UNIT HEATER CONNECTIONS

SCALE: NTS



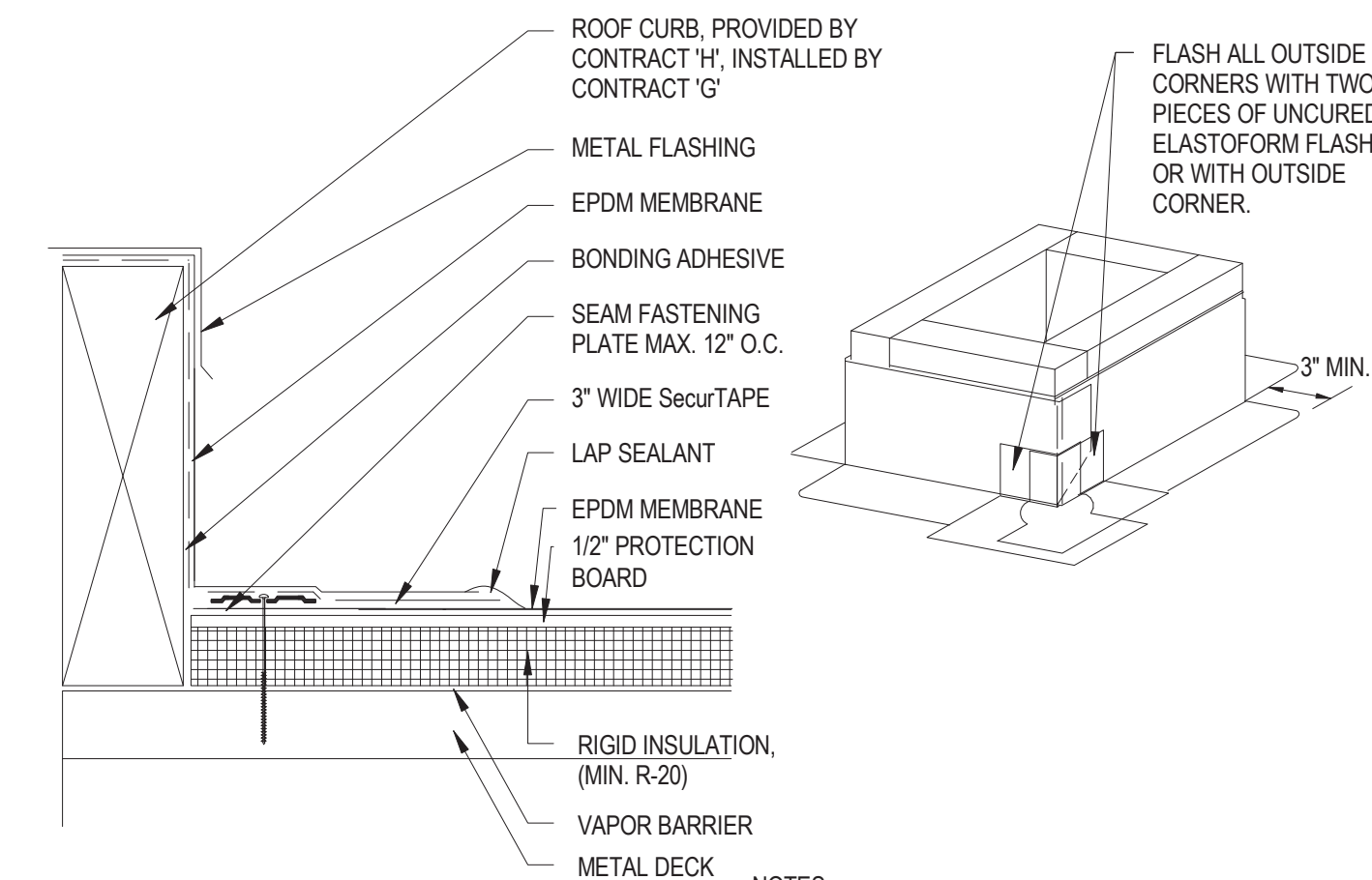
2 VOLUME DAMPERS - SINGLE BLADE TYPE

SCALE: NTS



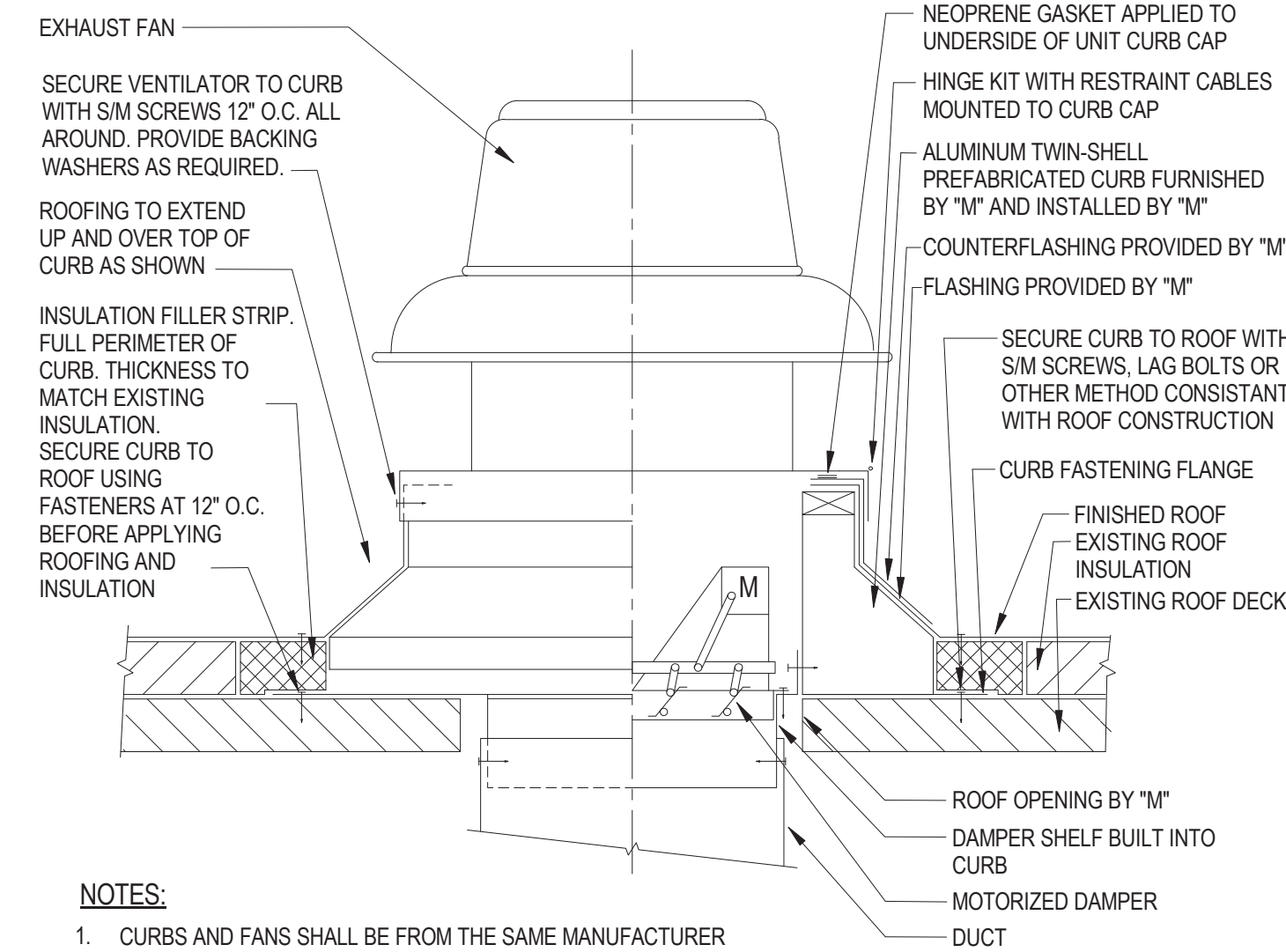
F DUCTLESS SPLIT CONDENSATE DRAIN PIPING DETAIL

SCALE: NTS



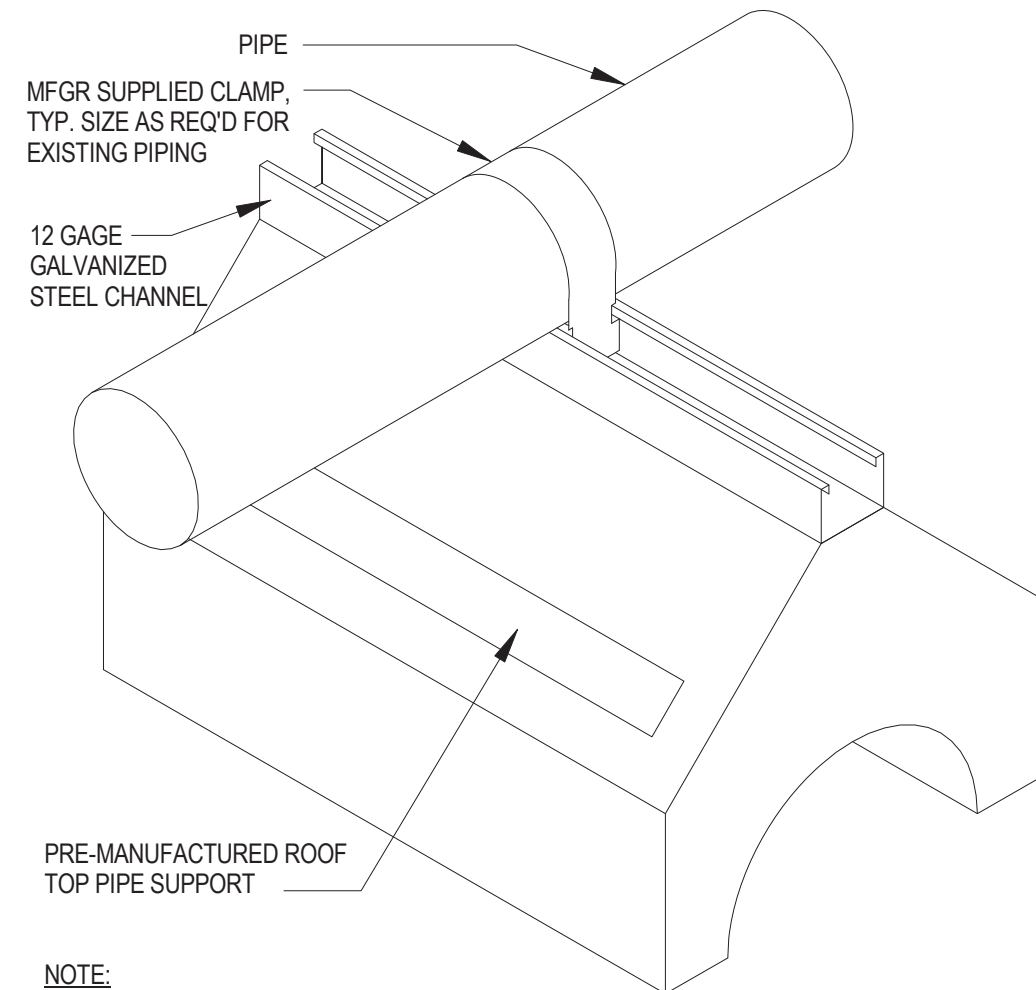
3 Roof Curb Detail

SCALE: NTS



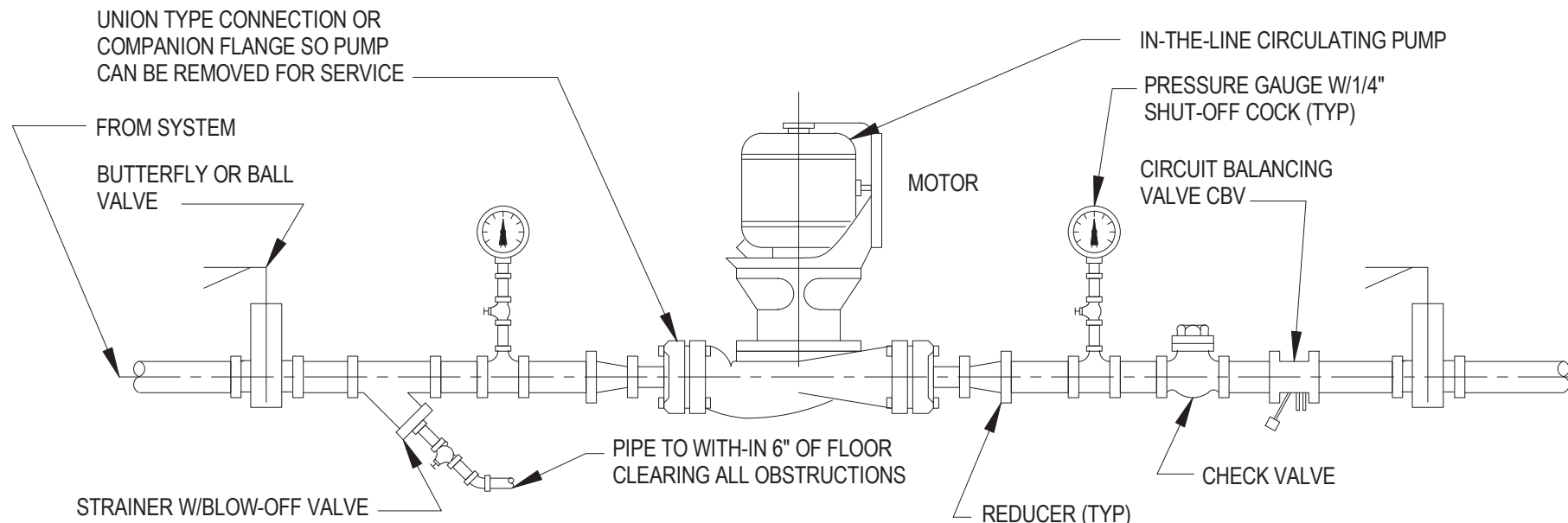
6 Roof Exhaust Fan & Curb

SCALE: NTS



Typical Pipe Blocking Detail

9 SCALE: NTS



8. Inline Pump Connection Detail

SCALE: NTS

SPLIT SYSTEMS

EQUIPMENT NO.	TYPE	AREA SERVED	PERFORMANCE/ CONSTRUCTION REQUIREMENTS								BASIS OF DESIGN INFORMATION											NOTES	
			SEER	REFRIGERANT	SUPPLY UNIT DATA				REMOTE CONDENSING UNIT		MNF	MODEL NO.		NOMINAL DIMENSIONS L x W x H		NOMINAL OPERATING WEIGHT (LBS.)		ELECTRICAL DATA					
					AIRFLOW (CFM)	TOTAL COOLING CAPACITY RATED/MIN. (MBH)	HEATING CAPACITY RATED/MIN. (MBH)	SOUND PRESSURE LEVEL (dBA)	OUTSIDE AIR TEMP. (DEG. F)			INTERIOR UNIT	EXTERIOR UNIT	INTERIOR UNIT (IN.)	EXTERIOR UNIT (IN.)	INTERIOR UNIT	EXTERIOR UNIT	INTERIOR UNIT		EXTERIOR UNIT			
									MAX	MIN								VOLTS/ PHASE	MCA (A)	VOLTS/ PHASE	MCA (A)		MOCp (A)
DSEU-1, DSCU-1	WALL MOUNTED	EX. CHIEF OFFICE R111	17.0	R410A	775	9/3.6	10.9/4.5	43	115	-4	MITSUBISHI	MSZ-GL09NA-U1	MUZ-GL09NA-U8	10 x 32 x 12	12 x 32 x 22	22	81	208/1	1	208/1	9	-	1-5,10,11,14

NOTES

- | | | | | | | | |
|----|--|----|--------------------------------|-----|--|-----|--|
| 1. | MINI CONDENSATE PUMP (SAUERMANN S30-115/230) | 5. | WIND BAFFLE | 9. | MAC-333IF-E CONTROL SYSTEM INTERFACE | 13. | DRAIN PAN LEVEL SENSOR/CONTROLLER (S3361E) |
| 2. | MHK-1 CONTROLLER | 6. | DRAIN PAN LEVEL SENSOR (DPLS2) | 10. | UL 1995 LISTED | 14. | FACTORY DISCONNECT SWITCH (TAS-MS3030) |
| 3. | BACNET HD150 CARD FOR BACNET INTERFACE | 7. | DRAIN PAN HEATER (MAC-640BH-U) | 11. | 12" EQUIPMENT RAILS FOR OUTDOOR UNIT | 15. | DRAIN SOCKET (MAC-871DS) |
| 4. | ALL CONTROL WIRING TO BE 18 GAUGE TWO CONDUCTOR STRANDED WIRE NON-SHIELDED | 8. | DRAIN PAN SOCKET (MAC-860DS) | 12. | SIMPLE MA REMOTE CONTROLLER (PAC-YT53CRAU-J) | 16. | DEFROST HEATER (MAC-640BH-U) |

ELECTRIC CEILING HEATER

EQUIPMENT NO.	LOCATION	AREA SERVED	PERFORMANCE/ CONSTRUCTION REQUIREMENTS				BASIS OF DESIGN INFORMATION				NOTES
			FAN DATA	TOTAL CAPACITY (MBH)	HEATING COIL DATA		MNF	MODEL NO.	NOMINAL DIMENSIONS L x W x H (IN)	NOMINAL OPERATING WEIGHT (LBS.)	
					ELECTRIC DATA						
					VOLTS/PHASE	TOTAL KW					
ECH-1	ENTRANCE 114	ENTRANCE 114	300	10.2	208/3	3	QMARK	CDF-548	23.75 x 23.75 x 7	27	1-4
ECH-2	WOMEN'S TOILET 221	WOMEN'S TOILET 221	300	10.2	208/3	3	QMARK	CDF-548	23.75 x 23.75 x 7	27	1-4
ECH-3	MEN'S TOILET 220	MEN'S TOILET 220	300	10.2	208/3	3	QMARK	CDF-548	23.75 x 23.75 x 7	27	1-4

NOTES

- | | |
|--|-------------------------------------|
| 1. FRONT DISCHARGE, FRONT RETURN CONFIGURATION | 3. CDF-RE RECESS MOUNTING ENCLOSURE |
| 2. CDF-T THERMOSTAT SPST RANGE 45°F TO 98°F | 4. CDF-DS 3-POLE DISCONNECT SWITCH |

CIRCULATOR PUMPS

EQUIPMENT NO.	LOCATION	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS					BASIS OF DESIGN INFORMATION					
			FLUID	FLOW RATE (GPM)	DYNAMIC HEAD (FT.)	BHP	PUMP SPEED (RPM)	MNF	MODEL NO.	NOMINAL DIMENSIONS L x W x H	NOMINAL OPERATING WEIGHT (LBS.)	ELECTRICAL DATA	
												VOLTS/PHASE	FLA
CP-1	MECH. RM.	HWUH-1	H2O	9.4	10	0.68	VARIABLE	TACO	VR15-3	16 x 8 x 10	57	110/1	-

HOT WATER UNIT HEATERS

EQUIPMENT NO.	LOCATION											BASIS OF DESIGN INFORMATION				NOTES		
		FAN DATA		TOTAL CAPACITY (MBH)	AIR DATA			ELECTRICAL DATA	HEATING COIL DATA				MNF	MODEL NO.	NOMINAL DIMENSIONS L x W x H		NOMINAL OPERATING WEIGHT (LBS.)	
		FLOW (CFM)	HP		ENT. DB TEMP. (DEG. F)	LVG. DB TEMP. (DEG. F)	THROW (FT.)		VOLTS/PHASE	WATER								
										ENT. TEMP. (DEG. F)	LVG. TEMP. (DEG. F)	FLOW (GPM)						MAX. P.D. (FT. H2O)
HWUH-1	APPARATUS BAYS	1120	1/12	45.6	60	97	31	115/1	160	140	4.7	0.6	MODINE	HC-63	22 x 9 x 19	48	1	

NOTES:

1. HONEYWELL T4051A LINE VOLTAGE THERMOSTAT.

EXHAUST FANS

EQUIPMENT NO.	TYPE	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS			BASIS OF DESIGN INFORMATION						NOTES
			CFM	EXT S. P. (IN. W.C.)	MOTOR RPM	MNF	MODEL NO.	NOMINAL DIMENSIONS L x W x H (IN.)	NOMINAL OPERATING WEIGHT (LBS.)	ELECTRICAL DATA		
										VOLTS/ PHASE	MOTOR HP	
EF-1	SIDEWALL	GARAGE EXHAUST	890	.25	1725	GREENHECK	SE1-12-432-VG	18 x 18 x 10.8	49	115/1	1/4	1-3,6-9,14,16,17
EF-3	ROOF	WOMENS TOILET 221, MENS TOILET 220	300	.25	1725	GREENHECK	G-097-VG	19 x 25 x 24	59	115/1	1/4	1,2,3,5-9,12
EF-4	INLINE	EXISTING APPARATUS BAY	1880	.5	1579	GREENHECK	SQ-130-VG	18.6 x 24.75 x 21	107	115/1	3/4	1,2,5-8,11
EF-5	ROOF	ELEVATOR SHAFT EXHAUST	290	.3	1668	GREENHECK	G-070-VG	19.4 x 19.4 x 24.1	44	115/1	1/10	2,4-10,12,13
VEF-1	NEW APP. BAY	DIRECT CAPTURE VEHICLE EXHAUST	2100		3450	CINCINNATI FAN	HDBI-120	21.0 x 25.0 x 37.5	177	208/3	3.0	15

NOTES:

- | | | | |
|--------------------------------------|------------------------------|--|-------------------------------|
| 1. 115V MOTORIZED DAMPER WIND SWITCH | 6. WIRING PIGTAIL | 11. VG EC MOTOR 0-10VDC INPUT | 15. TO BE CONTROLLED BY VCP-1 |
| 2. DIRECT DRIVE | 7. NEMA-1 DISCONNECT SWITCH | 12. VG EC MOTOR WITH DIAL OR 0-10VDC INPUT | 16. WALL COLLAR |
| 3. VG EC MOTOR WITH DIAL | 8. JUNCTION BOX MTD. & WIRED | 13. VARI-GREEN IAQ TEMPERATURE AND HUMIDITY CONTROLLER | 17. WEATHER-HOOD ASSEMBLY |
| 4. VG 65-277VAC TO 24VDC TRANSFORMER | 9. UL6UL 705 LISTED | 14. OSHA APPROVED GUARD | |
| 5. MOTOR WITH THERMAL OVERLOAD | 10. BACKDRAFT DAMPER | | |

AIR SCRUBBER

EQUIPMENT NO.	AREA SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS			BASIS OF DESIGN INFORMATION					
		CFM	EXT S. P. (IN. W.C.)	MOTOR RPM	MNF	MODEL NO.	NOMINAL DIMENSIONS L x W x H (IN.)	NOMINAL OPERATING WEIGHT (LBS.)	ELECTRICAL DATA	
									VOLTS/ PHASE	MOTOR HP
AS-1	GEAR RM.	1000	-	-	HONEYWELL	F111C1012	48 x 24 x 21.8	147	120/1	1/2



architects
+
engineers

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**VILLAGE OF MOUNT
KISCO**

**ADDITIONS AND ALTERATIONS TO
MUTUAL STATION**



**99 MAIN STREET, MOUNT KISCO,
NY 10549**

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SCHEDULES (1 OF 2)





DRAWING No. **M 610**

PACKAGED ROOFTOP UNITS

EQUIPMENT NO.	LOCATION	AREA SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS																			REMARKS					
			EER	IEER	SUPPLY FAN				MIXED AIR		COOLING COIL						FILTERS	HEATING COIL					BASIS OF DESIGN INFORMATION				
					AIR FLOW (CFM)	NOMINAL SIZE (TONS)	EXT. S.P. (IN W.G.)	BHP	OUTDOOR AIRFLOW (CFM)	OUTDOOR AIR DB/WB (DEG. F)	NO. OF COMPRESSORS	NO. OF COOLING STAGES	REFRIGERANT TYPE	TOTAL/SENSIBLE CAPACITY (MBH)	AIR DATA			HEATING MEDIUM	MNF	MODEL NO.	NOMINAL DIMENSIONS LxWxH		NOMINAL OPERATION WEIGHT (LBS)	ELECTRICAL DATA			
															ENT. DB/WB (DEG. F)	MAX LVG DB/WB (DEG F)									GAS		
																									INPUT GAS FLOW (CFH)	ENT. AIR TEMPERATURE (DEG. F)	LVG. AIR TEMPERATURE (DEG. F)
RTU-1	ROOF	2ND FL. MEETING HALL	12	13.8	2665	7.5	1.24	1.54	403	92/74	2	2	R410A	89.5/64.7	78.4/65.7	55.9/54.6	MERV 8	103	125	59.2	95.1	CARRIER	48HCDE08E2M5-6W2M0	88.1x59.5x49.4	925	208/3	1-11
RTU-2	ROOF	2ND FL. MEMBERS ROOM	16.4	-	1600	4	1.23	1.19	229	92/74	1	2	R410A	48.8/36.5	78.3/65.6	57.2/55.7	MERV 8	59	72	59.7	93.9	CARRIER	48LCDAD05E3M5-0R2F0	74.4x46.8x41.4	915	208/3	2-12
RTU-3	ROOF	2ND FL. OFFICE, TRAINING ROOM	-	16.1	960	3.0	1.00	0.52	150	92/74	1	2	R410A	33.4/22.4	80.0/67.0	58.4/55.9	MERV 8	54	67	60.0	112.1	CARRIER	48GCDN04A2M5-3W2T0	74.4x46.6x33.4	734	208/3	2-9,11-13

- NOTES:
1. VERTICAL DISCHARGE RETURN, HORIZONTAL DISCHARGE SUPPLY CONFIGURATION.
2. NON-FUSED DISCONNECT.
3. UN-POWERED CONVENIENCE OUTLET.
4. WALL MOUNTED LCD DISPLAY THERMOSTAT.
5. DEHUMIDIFICATION.
6. 14" ROOF CURB.
7. CONDENSER COIL GUARD.
8. THRU BASE ELECTRICAL CONNECTIONS.
9. ECONOMIZER WITH DIFFERENTIAL ENTHALPY CONTROL.
10. TWO STAGE HEATING.
11. TWO STAGE COOLING.
12. VERTICAL RETURN/SUPPLY CONFIGURATION.
13. LOW HEAT

AIR OUTLETS

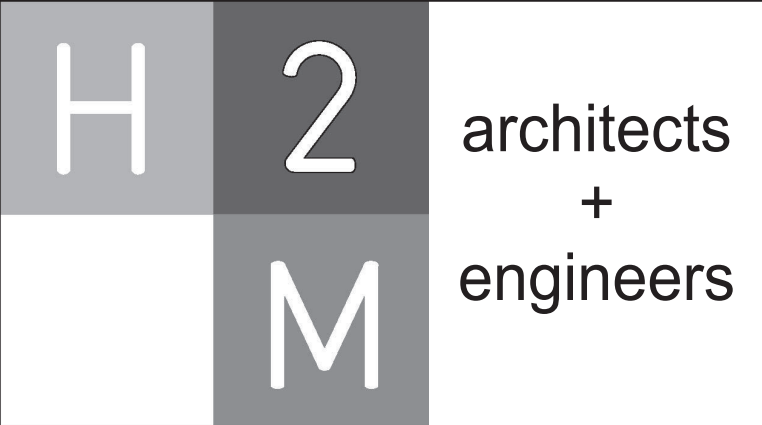
DESIGNATION	SYMBOL	BASIS OF DESIGN: MNF/ MODEL NO.	DESCRIPTION	FACE SIZE (IN)	AIR FLOW RANGE (CFM)		NECK SIZE DIAMETER (IN.)	NOTES
					MIN	MAX		
A		NAILOR/UNI	SQUARE FACE CEILING DIFFUSER	24 X 24	0	200	6	1-5
					201	315	8	
					316	450	10	
					451	650	12	
					651	850	14	
B		NAILOR/UNI	SQUARE FACE CEILING DIFFUSER	12 X 12	0	80	4	
					81	125	5	
					126	200	6	
					201	320	8	
C		NAILOR/6145H-O	RETURN/EXHAUST GRILLE	24 X 24	SEE DRAWINGS	SEE DRAWINGS	NA	
D		NAILOR/6145H-O	RETURN/EXHAUST GRILLE	12 X 12	SEE DRAWINGS	SEE DRAWINGS	NA	

- NOTES:
1. PROVIDE ALUMINUM CONSTRUCTION FOR ALL AIR TERMINALS IN SHOWER ROOMS, TOILETS, JANITORS' CLOSETS AND OTHER HUMID AREAS.
2. FOR CONSTRUCTION DETAILS AND ACCESSORIES SEE THE SPECIFICATIONS.
3. PROVIDE OPPOSED BLADE DAMPERS FOR ALL REGISTERS.
4. PROVIDE OPPOSED BLADE DAMPER AND EQUALIZING GRID FOR ALL DIFFUSERS.
5. PROVIDE MOUNTING FRAMES TO MATCH CEILING IN WHICH UNIT IS INSTALLED, COUNTERSINK ALL MOUNTING SCREWS.

LOUVERS

EQUIP. NO.	LOCATION	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS					BASIS OF DESIGN INFORMATION		NOTES
			AIR FLOW RATE (CFM)	MAX. PD (IN. W.C.)	FREE AREA (SQ. FT.)	OVERALL NOMINAL SIZE W X H	SERVICE	MNF	MODEL NO.	
L-1	NORTH SIDE OF APPARATUS BAY	EF-1, 4	2770	.06	4.96	40" x 40"	VENTILATION	GREENHECK	EHH-601	1-5
L-2	NORTH SIDE OF APPARATUS BAY	EF-4	1880	.08	3.16	32" x 32"	EXHAUST	GREENHECK	EHH-601	1-4
LV-VXH	NORTH WALL OF NEW APPARATUS BAY	VEF-1	2100	.09	3.4	48" x 24"	EXHAUST	GREENHECK	EHH-601	1-4, 6

- NOTES:
1. PROVIDE AND INSTALL BIRD SCREEN
2. ALUMINUM CONSTRUCTION
3. PROVIDE AAMA 2605 FINISH IN COLOR AS SELECTED BY ARCHITECT.
4. PROVIDE ANCHOR CLIPS FOR INSTALLATION.
5. PROVIDE VCD-23 MOTORIZED DAMPER AND 115V/1PH ACTUATOR
6. PROVIDE VCD-23 MOTORIZED DAMPER AND 208V/3PH ACTUATOR



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99 MAIN STREET, MOUNT KISCO, NY 10549

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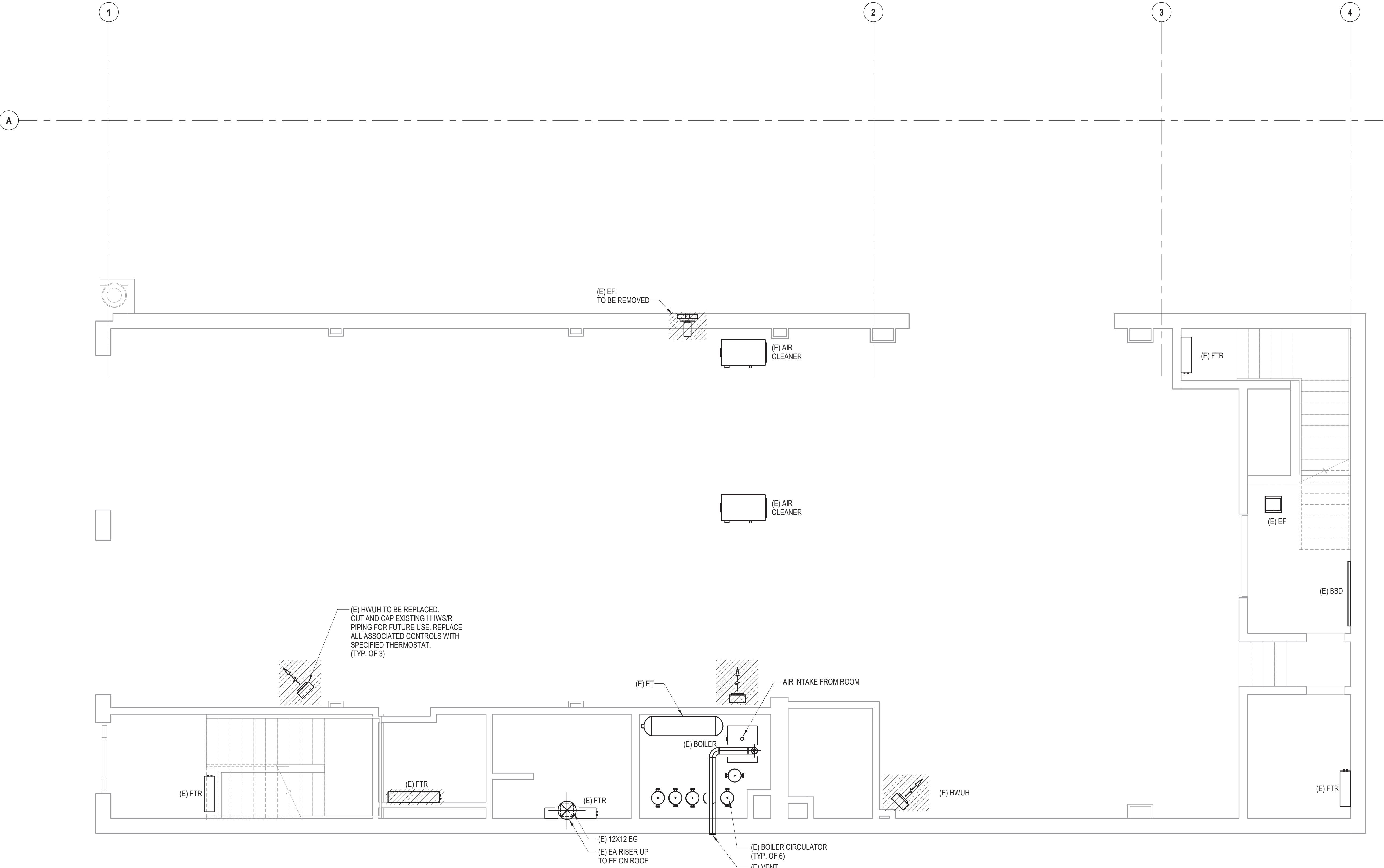
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SHEET TITLE	FIRST FLOOR HVAC DEMO PLAN
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DRAWING No.	MD 101
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GENERAL DEMOLITION WORK NOTES:

- OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING EQUIPMENT, FIXTURES AND FINISHES THROUGHOUT CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED.
- THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING FROM DUST, WEATHER, AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.



1 First Floor HVAC Demo Plan
SCALE: 1/4" = 1'-0"

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ADDITIONS AND ALTERATIONS TO MUTUAL STATION



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GENERAL CONSTRUCTION

STATUS

CONSTRUCTION DOCUMENTS

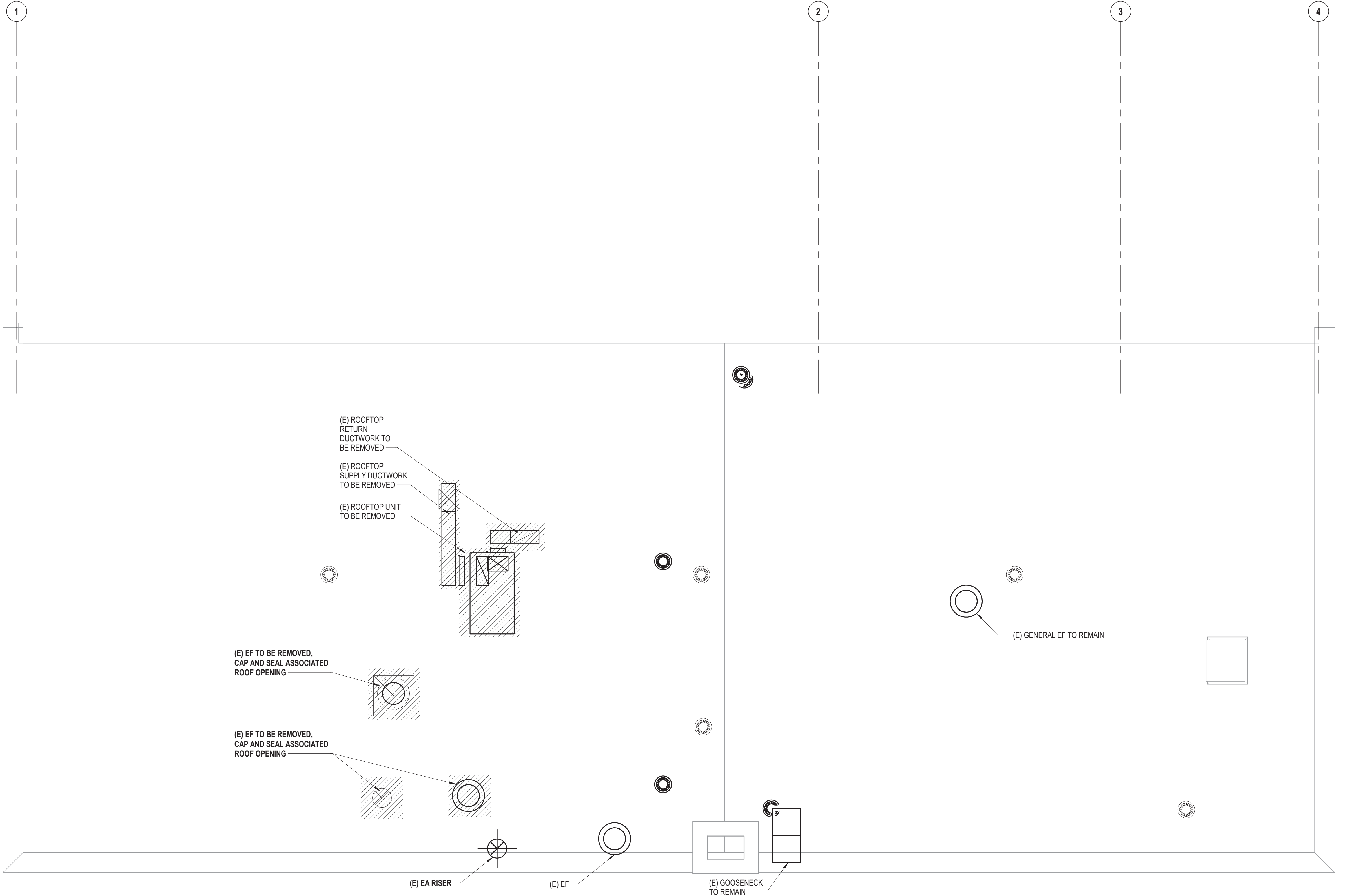
SHEET TITLE

**SECOND FLOOR HVAC
DEMO PLAN**

DRAWING No. **MD 102**

1. OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE OWNER.
2. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING EQUIPMENT, FIXTURES AND FINISHES THROUGHOUT CONSTRUCTION AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED.
3. THE CONTRACTOR SHALL PROTECT ALL PORTIONS OF THE BUILDING FROM DUST, WEATHER, AND FREEZING TO PREVENT DAMAGE TO THE EXISTING STRUCTURE OR BUILDING CONTENTS.
4. EXISTING FINNED TUBE RADIATORS (FTR) SHOWN TO BE REMOVED, SHALL BE REMOVED IN ITS ENTIRETY, REPIPE HWHR AND HWHR PIPING AS NECESSARY TO MAINTAIN HOT WATER LOOP.

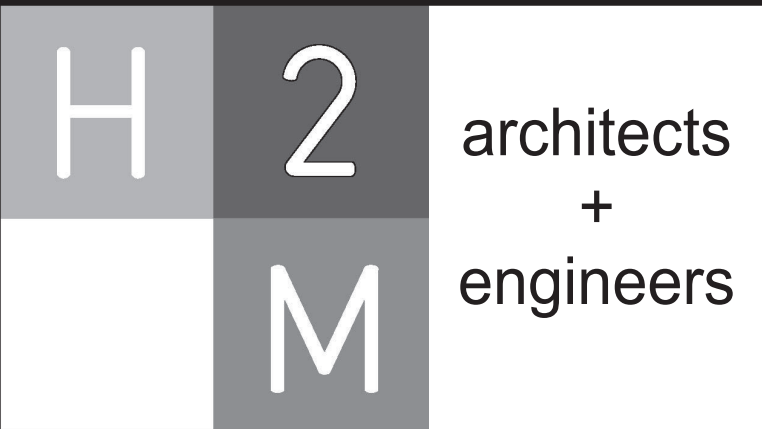




1 Roof HVAC Demo Plan
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION WORK NOTES:

1. OVER-DEMOLITION SHALL BE ALLOWED PROVIDED THAT ALL SURFACES SHALL BE REBUILT TO MATCH MATERIALS, AND APPEARANCE TO THOSE WHICH WERE REMOVED IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS AND AT NO ADDITIONAL COST TO THE OWNER.
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VILLAGE OF MOUNT KISCO

ADDITIONS AND ALTERATIONS TO
MUTUAL STATION

99 MAIN STREET, MOUNT KISCO,
NY 10549

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SHEET TITLE

ROOF HVAC DEMO PLAN

DRAWING No.

MD 103