



Addendum No.: 1

Date Of Addendum: 12 March 2019

CT DAS | Construction Services | Office of Legal Affairs, Policy, and Procurement
Department of Motor Vehicles
Hamden Roof and HVAC
1985 State Street
Hamden, CT
BI – MM-54

Original Bid Due Date / Time:

March 27, 2019

1:00 PM

Previous Addendums: NONE

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated 12 November 2018. Prospective Bid Proposers **shall** acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form.

Failure to acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form shall subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1:

GENERAL INFORMATION: Bid Phase Meeting Attendance Log

Item 2:

Section 01 50 00 - Temporary Facilities and Controls, Paragraph 3.3, Subparagraph B:

REVISION: Delete requirement for Field Office Computer System, Computer Software, Miscellaneous Computer Requirements and Field Office Internet Service.

DELETE: Subparagraph 3, 4, 5 and 6

Item 3:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 2.5:

DELETE: Subparagraph A

Item 4:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 2.5, Subparagraph B:

DELETE: sub-subparagraph 4

SUBSTITUTE: sub-subparagraph 4 – "**Tamperproof Feature: Locking feature for gas shutoff valves.**"

Item 5:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 2.5, Subparagraph C:

DELETE: Subparagraph C and sub-subparagraphs 1 through 4

Item 6:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 2.5: Subparagraph D:

DELETE: sub-subparagraph 6

SUBSTITUTE: sub-subparagraph 6 – "**Ends: Threaded.**"

Item 7:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 2.7:

DELETE: Paragraph 2.7 – Labeling and Identifying and Subparagraph A



Addendum No.: 1

Date Of Addendum: 12 March 2019

Item 8:

In Section 22 11 25 – Facility Natural-Gas Piping, Paragraph 3.3:

DELETE: Subparagraph B and Sub-Subparagraph 1

Item 9:

In Section 23 01 30.51 – HVAC Air-Distribution System Cleaning, Paragraph 3.5, Subparagraph C:

DELETE: “and Section 233216 “Nonmetal Ducts”

Item 10

In Section 23 01 30.51 – HVAC Air-Distribution System Cleaning, Paragraph 3.5, Subparagraph D:

DELETE: 230713 “Duct Insulation”

SUBSTITUTE: 230700 “HVAC Insulation”

Item 11:

In Section 23 01 30.51 – HVAC Air-Distribution System Cleaning, Paragraph 3.5

DELETE: Subparagraph G

Item 12:

In Section 23 33 00 – Air Duct Accessories, Paragraph 2.6, Subparagraph D:

DELETE: “ASHRAE/IESNA 90.2”

SUBSTITUTE: “2015 International Energy Conservation Code”

Item 13:

In Drawing G1.1 Site Layout Plan, Protection Note 7:

DELETE: reference to CT DDC/NYPD

SUBSTITUTE: CT DCS/DMV

Item 14:

In Drawing M-001 Cover Sheet - Mechanical:

REVISION: “Modify General Mechanical Symbols” to include “Existing Volume Damper to Remain” and “Existing Shutoff Valve to Remain”

DELETE: Drawing M-001

SUBSTITUTE: Drawing M-001, dated 03/04/19 Addendum 1

Item 15:

In Drawing M-101 First Floor Plan - Mechanical:

REVISION: Modify orientation of Detail 2/M101 First Floor Zoning Plan

DELETE: Drawing M-101

SUBSTITUTE: Drawing M-101, dated 03/04/19 Addendum 1

Item 16:

In Drawing M-102 Second Floor Plan - Mechanical:

REVISION: Modify orientation of Detail 2/M102 Second Floor Zoning Plan and modify location and scope of work related to existing thermostats.

DELETE: Drawing M-102

SUBSTITUTE: Drawing M-102, dated 03/04/19 Addendum 1



Addendum No.: 1

Date Of Addendum: 12 March 2019

Item 17:

In Drawing M-300 Schedules – Mechanical:

REVISION: Modify no hub unions for above ground storm drain in "HVAC Piping/Tubing Material, Joints & Fittings" schedule and trap size in "Plumbing Drain" Schedule.

DELETE: Drawing M-300

SUBSTITUTE: Drawing M-300, dated 03/04/19 Addendum 1

Item 18:

In Drawing M-400 Details – Mechanical:

REVISION: Modify Detail 1/M-400 Modify ductwork support note to include additional manufacture names and model numbers.

DELETE: Drawing M-300

SUBSTITUTE: Drawing M-300, dated 03/04/19 Addendum 1

Item 19:

In response to prospective bidder request for information related to Temporary Field Office and Equipment.

CLARIFICATION: Refer to Section 01 50 00 Temporary Facilities and Controls, Paragraph 3.3, Subparagraph B and Addendum 1.:

Item 20:

In response to prospective bidder request for information related to requirement for a project sign.

CLARIFICATION: Refer to Section 01 50 00 Temporary Facilities and Controls, Paragraph 3.3, Subparagraph F for project sign requirements.

All questions must be **emailed** (not verbal or by phone) to the consulting Architect/Engineer (Hoffman Architects, Email: d.costantini@hoffarch.com) with copies sent to the DAS/CS Project Manager (Lisa Humble, Email: lisa.humble@ct.gov).

End of Addendum 1

Mellanee Walton, Associate Fiscal Administrative Officer
State of Connecticut
Department of Administrative Services, Construction Services
Office of Legal Affairs, Policy, and Procurement



Bid Phase Meeting Attendance Log

DAS/CS Project Title:	Roof and HVAC		
DAS/CS Project No.:	BI-MM-54	Meeting Purpose (insert "X" below):	
Date:	February 25, 2019	X	Pre-Bid Meeting
Meeting Start Time:	10:00 AM		Post Bid Review Meeting
Meeting Location:	Hamden DMV – Entrance to Building	Other:	

Name:	Deborah J. Costantini, AIA	Title:	Senior Architect
Company/Department:	Hoffmann Architects, Inc.	E-mail:	d.costantini@hoffarch.com
Street:	2321 Whitney Avenue	Phone:	203-239-6660
City/State/Zip	Hamden, CT 06518	FAX:	

Name:	Kelsey Greenleaf	Title:	Senior Project Representative
Company/Department:	Hoffmann Architects, Inc.	E-mail:	k.greenleaf@hoffarch.com
Street:	2321 Whitney Avenue	Phone:	203-239-6660
City/State/Zip	Hamden, CT 06518	FAX:	

Name:	Lee Schenfeld	Title:	Sales
Company/Department:	Action Air Systems	E-mail:	lee@actionairsystems.com
Street:	131 Adams St	Phone:	860 645 8838
City/State/Zip	Manchester CT	FAX:	860 645-0226

Name:	Frank Ettore	Title:	member
Company/Department:	Shoreline Restoration LLC	E-mail:	shorelineres@cast.net
Street:	81	Phone:	203 627 7182
City/State/Zip	EAST HAVEN CT	FAX:	203 468 0160

Name:	Patrick midneeny	Title:	Sales
Company/Department:	Advanced group	E-mail:	patm@advgrp.com
Street:	61 west main st	Phone:	860 536 7663
City/State/Zip	Mystic CT 06355	FAX:	860 536 7664

Name:	JIM PIND JR.	Title:	PRJ.
Company/Department:	OLYMPUS CONSTRUCTION	E-mail:	olympusjim@aol.com
Street:	77 CHURCH ST	Phone:	203 258-9341
City/State/Zip	MILFORD CT 06460	FAX:	203 978 1544



Bid Phase Meeting Attendance Log

DAS/CS Project Title:	Roof and HVAC		
DAS/CS Project No.:	BI-MM-54	Meeting Purpose (insert "X" below):	
Date:	February 25, 2019	X	Pre-Bid Meeting
Meeting Start Time:	10:00 AM		Post Bid Review Meeting
Meeting Location:	Hamden DMV – Entrance to Building	Other:	

Name:	Paul Lukeski	Title:	Estimator
Company/Department:	Burpitt Inc.	E-mail:	plukeski@burpitt-inc.com
Street:	100 Mill Plain Rd.	Phone:	(203) 744-0780
City/State/Zip	Danbury, CT 06811	FAX:	

Name:	Jason Harvey	Title:	Estimator
Company/Department:	Sav-Mar Ctg & Htg Inc	E-mail:	jroy@savmarct.com
Street:	231 Captain Lewis Dr	Phone:	860 621-9959
City/State/Zip	Southington, CT 06489	FAX:	860-621-9919

Name:	KOBINAH INTSIFUL/Darren Mitchell	Title:	Sales
Company/Department:	JCI	E-mail:	darren.mitchell@jci.com
Street:	27 Inwood Rd	Phone:	203-257-1457
City/State/Zip	Rocky Hill / CT	FAX:	

Name:	Chris Cano	Title:	Estimator
Company/Department:	Young Developments	E-mail:	chrisc@youngdev.com
Street:	42 Crest Way	Phone:	475-414-1013
City/State/Zip	Hamden, CT	FAX:	

Name:	JORGE ORFEO	Title:	PM
Company/Department:	G.L. CAPASSO	E-mail:	jorge@glcapasso.com
Street:	34 LLOYD ST.	Phone:	203-469-2810
City/State/Zip	NEW HAVEN	FAX:	

Name:	Steve Pamprey	Title:	PM
Company/Department:	Silktaun Roofing	E-mail:	steve@silktaunroofing.com
Street:	151 Water St	Phone:	203 735 0552
City/State/Zip	Derby, CT 06418	FAX:	203 732 0649



Bid Phase Meeting Attendance Log

DAS/CS Project Title:	Roof and HVAC		
DAS/CS Project No.:	BI-MM-54	Meeting Purpose (insert "X" below):	
Date:	February 25, 2019	<input checked="" type="checkbox"/>	Pre-Bid Meeting
Meeting Start Time:	10:00 AM		Post Bid Review Meeting
Meeting Location:	Hamden DMV – Entrance to Building	<input type="checkbox"/>	Other:

Name:	Monica Vergara	Title:	PM
Company/Department:	Diversity Construction Group LLC.	E-mail:	Estimating@DiversityCg.com
Street:	531 Cort Land Circle	Phone:	203 699-8387
City/State/Zip	Cheshire CT 06410	FAX:	

Name:	MICHAEL BEAULIEU	Title:	SENIOR ESTIMATOR
Company/Department:	GREENWOOD INDUSTRIES	E-mail:	MIKEB@GREENWOOD-INDUSTRIES.COM
Street:	30 LEONARDO DR	Phone:	(860) 466-9435
City/State/Zip	NORTH HAVEN CT.	FAX:	

Name:	John Ciacalli	Title:	Vice President
Company/Department:	New England Masonry + Roofing	E-mail:	Jc@Nemasonry.com
Street:	146 Sheridan Dr	Phone:	(203) 729-2266 x108
City/State/Zip	Norwalk CT 06770	FAX:	203 723 9633

Name:	Bruce Raulkatis	Title:	Estimator
Company/Department:	The Imperial Company	E-mail:	amyc@theimperialco.com
Street:	261 Main St	Phone:	860-632-2258
City/State/Zip	Cumwell CT 06415	FAX:	

Name:	Kevin Gurtin	Title:	
Company/Department:	Roofers & waterproofer LU12	E-mail:	Kevin@rooferslocal12.com
Street:	19 Bernhard Rd	Phone:	203-707-4427
City/State/Zip	North Haven CT 06473	FAX:	

SIGN-IN BI-MM-54 - Handen Roof & HUAC

Lisa Humble, Project Manager
DAS/Dept. of Construction Services
450 Columbus Blvd. Hhd. CT
860-713-5823
lisa.humble@ct.gov.

Abby Lawson
DMV
Fiscal Services Rm 327
40 State St
Wethersfield CT 06101
860 263 5502

ANGELO CAVALIERE
DMV-FACILITIES 860-209-5727
ANGELO.CAVALIERE@CT.GOV

Paul Kavanagh
DMV-FACILITIES
40 State St
Wethersfield
860 263 5417 or 860 982 8140

Brian Krasko
Kumar Kavanagh
203 779 1017

GENERAL MECHANICAL NOTES

GENERAL

1. WHEN A CONFLICT BETWEEN THE DRAWINGS, NOTES AND/OR SPECIFICATIONS OCCUR, THE MORE STRINGENT, AND/OR LARGER QUANTITY AND/OR MORE EXPENSIVE SHALL APPLY. THE REQUIREMENTS LISTED WITHIN NOTES OR SPECIFICATIONS SHALL BE REQUIRED, PROVIDED AND INSTALLED WHETHER SPECIFICALLY INDICATED ON THE DRAWINGS OR NOT.
2. IT IS THE INTENTION OF THE SPECIFICATIONS AND DRAWINGS TO PROVIDE FOR FINISHED WORK, TESTED AND READY FOR OPERATION.
3. ITEMS AND SERVICES NOT SHOWN ON DRAWINGS OR SPECIFICATIONS BUT REQUIRED TO RENDER THE WORK COMPLETE AND READY FOR OPERATION, SHALL BE PROVIDED WITHOUT ADDITIONAL COST.
4. WORK OF THIS SECTION SHALL BE GOVERNED BY THE CONTRACT DOCUMENTS. PROVIDE MATERIALS, LABOR, EQUIPMENT AND SERVICES NECESSARY TO FURNISH, DELIVER AND INSTALL ALL WORK AS SPECIFIED AND AS REQUIRED BY JOB CONDITIONS. WHERE A CONFLICT EXISTS BETWEEN THESE NOTES, THE DRAWINGS AND THE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
5. DRAWINGS ARE DIAGRAMMATIC AND INDICATE A GENERAL ARRANGEMENT OF WORK AND ARE NOT TO BE CONSIDERED SUB-CONTRACTOR DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL SUBCONTRACTORS TO INCLUDE THE PROVISIONS AND INSTALLATION OF ALL NECESSARY WORK AND MATERIALS FOR COMPLETE, OPERATIONAL AND CODE COMPLIANT SYSTEMS. GENERAL DESIGN CONCEPTS INDICATED MUST BE FOLLOWED OR BETTERED. THE BID SHALL INCLUDE OFFSETS, ADDITIONAL PIPING, VALVES AND EQUIPMENT AND COMPONENTS AS REQUIRED TO MEET CONSTRUCTION CONDITIONS FOR PROPER OPERATION. DO NOT SCALE DRAWINGS. CONSULT ARCHITECTURAL DRAWINGS FOR SPACE CONDITIONS AND ADDITIONAL REQUIREMENTS.
6. PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT GENERAL CONDITIONS AND WITH THE PROVISIONS OF ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND LAWS.
7. WORK SHALL INCLUDE ALL INCIDENTALS, LABOR, MATERIAL, EQUIPMENT, APPLIANCES, SERVICES, HOISTING, SCAFFOLDING, SUPPORTS, TOOLS, CONSUMABLE ITEMS, FEES, LICENSES, AND ADMINISTRATIVE TASKS REQUIRED TO COMPLETE AND MAKE OPERABLE WORK SHOWN ON THE DRAWINGS, SPECIFIED HEREIN AND AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
8. STORE MATERIALS INSIDE AND PROTECTED FROM DEBRIS, WEATHER AND MOISTURE.
9. THIS CONTRACTOR SHALL PROVIDE AND INSTALL ALL POWER AND CONTROL WIRING REQUIRED FOR EQUIPMENT OPERATION NOT SPECIFICALLY PROVIDED BY OTHERS BUT REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. THIS CONTRACTOR SHALL PROVIDE MOTOR STARTERS. COORDINATE REQUIREMENTS WITH DIVISION 26.
10. COORDINATE ALL HVAC WORK AND EQUIPMENT WITH STRUCTURAL STEEL, PLUMBING PIPING, LIGHT FIXTURES, ELECTRICAL EQUIPMENT AND OWNER'S EQUIPMENT.
11. ALL EXISTING CONDITIONS AS INDICATED ARE APPROXIMATIONS OF EXACT CONDITIONS TO BE VERIFIED IN THE FIELD. CONTRACTOR SHALL VISIT THE SITE TO VERIFY THE CONSTRUCTION CONDITIONS BEFORE SUBMITTING BID.
12. LOCATE ALL BALANCING DAMPERS AT MAIN DUCTWORK ABOVE ACCESSIBLE CEILINGS, OR PROVIDE ACCESS DOORS.
13. PROVIDE TRAPPED CONDENSATION DRAIN PIPING FROM COOLING COIL DRAIN PAN TO AN APPROVED POINT OF DISCHARGE WHETHER INDICATED OR NOT.
14. REFER TO SPECIFICATION SECTION 230000 FOR ADDITIONAL PENETRATION SEALING REQUIREMENTS. PENETRATIONS TO COMPLY WITH ASTM E84 & E814 AND APPROVED UL 1479 AND SPECIFIC UL ASSEMBLIES AS REQUIRED TO SUIT PENETRATION CONDITIONS.
15. DO NOT RUN ANY MECHANICAL OR CONTROL SERVICES THROUGH RATED STAIR ENCLOSURES UNLESS SYSTEMS ARE DESIGNED AND DESIGNATED TO SERVICE STAIRS.
16. COORDINATE ALL ROOF AND FLOOR PENETRATIONS W/ STRUCTURAL DWGS AND PROVIDE STRUCTURAL CONTRACTOR W/ FLOOR, WALL & ROOF OPENING SIZES.
17. THE DRAWINGS AND SPECIFICATIONS ARE DIVIDED INTO SECTIONS TO MEET THE NEEDS OF THE ARCHITECT, THE ENGINEERS, AND THE DESIGN CONSULTANTS. THEY ARE NOT PREPARED AS INSTRUCTIONS TO THE CONTRACTOR FOR HOW TO BUY OUT OR SUBCONTRACT THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ALL THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS, REGARDLESS OF WHERE IT IS SHOWN. FOR EXAMPLE, ELECTRICAL WORK IS SHOWN ON FP-SERIES DRAWINGS AS WELL AS ON M-SERIES DRAWINGS AND E-SERIES DRAWINGS. MISCELLANEOUS METALS AND STRUCTURAL ELEMENTS ARE SHOWN ON A-SERIES DRAWINGS AS WELL AS ON S-SERIES DRAWINGS. STRUCTURAL SUPPORTS ARE REQUIRED BY THE FP DRAWINGS. TO AVOID OMITTING ANY COMPONENT OF THE PROJECT, REFER TO ALL THE CONTRACT DOCUMENTS IN THEIR ENTIRETY.
18. WHEREVER EXISTING SYSTEMS ARE ALTERED OR EXTENDED THE INTEGRITY OF THE SYSTEM IS TO BE MAINTAINED AND FUNCTION FULLY AS BEFORE. COORDINATE SCHEDULE FOR HOOK-UPS TO EXISTING SYSTEMS AND EQUIPMENT REMOVAL OR RELOCATION WITH THE OWNER AND PERFORM THIS WORK AT SUCH TIMES TO ENSURE THAT PERIODS OF SHUTDOWN WILL BE ACCEPTABLE TO THE OWNER.
19. VERIFY EXACT LOCATION OF CONNECTION POINTS (NEW TO EXISTING) IN FIELD PRIOR TO CONSTRUCTION.
20. RELOCATE EXISTING DUCTWORK AND/OR PIPE WORK IN EXISTING CEILING SPACES TO ACCOMMODATE ALL RENOVATIONS.
21. TAKE DOWN AND REINSTALL EXISTING CEILINGS IN ALL AREAS WHERE MECHANICAL WORK IS INDICATED AND EXISTING CEILINGS REMAIN. REPLACE CEILING TILES DAMAGED DURING WORK.
22. PATCH ALL WALLS, FLOORS, CEILINGS, AND ROOFS TO MATCH EXISTING IN ALL CASES WHERE EXISTING WALLS, FLOORS, CEILINGS, AND ROOFS REMAIN AND HVAC DEMOLITION IS INDICATED.

GENERAL MECHANICAL SYMBOLS

	CONDENSATE DRAIN PIPING
	NATURAL GAS PIPING
	EXISTING PIPING OR DUCTWORK TO REMAIN
	EXISTING DUCTWORK TO REMAIN (DRAWN DOUBLE LINE)
	EXISTING DUCTWORK TO BE REMOVED (DRAWN DOUBLE LINE)
	HIDDEN DUCTWORK (DRAWN DOUBLE LINE)
	SUPPLY DUCT UP / DOWN
	RETURN AIR DUCT UP / DOWN
	EXHAUST AIR DUCT UP / DOWN
	DOUBLE LINE DUCTWORK WITH INDICATION OF INSIDE DIMENSIONS
	ACCESS DOOR IN DUCT
	ROUND DUCT DIAMETER SIZE
	FLEXIBLE DUCT CONNECTION
	UNDERCUT DOOR
	SUPPLY AIR FLOW
	EXHAUST / RETURN AIR FLOW
	MITERED ELBOW WITH TURNING VANES
	DUCT TAKE-OFF
	VANE EXTRACTOR
	GAS PLUG VALVE
	CEILING DIFFUSER REFER TO SCHEDULE FOR SIZE & TYPE
	EXISTING SUPPLY DIFFUSER TO REMAIN
	RETURN / EXHAUST GRILLE REFER TO SCHEDULE FOR SIZE & TYPE
	EXISTING RETURN / EXHAUST GRILLE TO REMAIN
	THERMOSTAT
	RELATIVE HUMIDITY SENSOR OR HUMIDISTAT
	SMOKE DETECTOR IN DUCT
	SMOKE DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	MANUAL VOLUME DAMPER / CABLE OPERATED DAMPER (COD)
	EXISTING VOLUME DAMPER TO REMAIN.
	EXISTING SHUTOFF VALVE TO REMAIN.
	UNDERLINED TEXT DENOTES EQUIPMENT REFER TO SCHEDULES
	DIFFUSER LEGEND CFM = CFM QUANTITY
	POINT OF CONNECTION
	POINT OF DEMOLITION

* ALL SYMBOLS MAY NOT BE USED IN THESE DOCUMENTS.

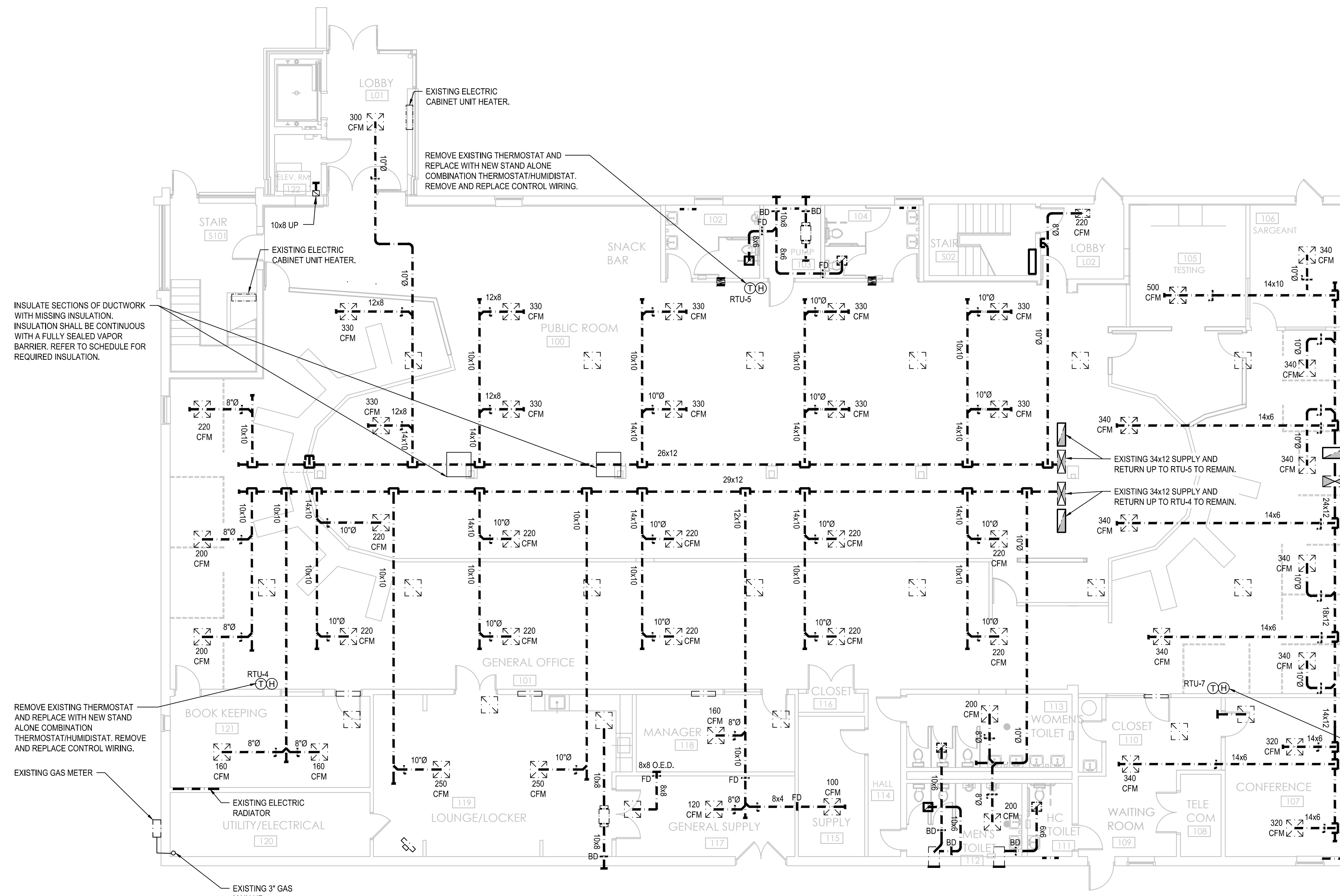
MECHANICAL DEMOLITION NOTES

1. COORDINATE PHASING OF DEMOLITION WITH AGENCY, CM/GC AND PROPOSED CONSTRUCTION SCHEDULE TO MAINTAIN MECHANICAL SERVICES (HEATING, TEMPERATURE CONTROLS, EXHAUSTS, MAKE UP AIR ETC.) TO OCCUPIED AREAS OF THE BUILDING DURING CONSTRUCTION.
2. THE EXISTING FACILITY WILL BE OCCUPIED AND IN OPERATION DURING THE PERFORMANCE OF THE WORK.
3. WHEN NECESSARY TO TEMPORARILY DISCONNECT ANY EXISTING PIPING OR DUCTWORK WHICH MAY CAUSE DISRUPTION TO OCCUPIED FACILITIES, CONFER WITH THE OWNER, AND SCHEDULE A MUTUALLY AGREEABLE PERIOD OF INTERRUPTION.
4. WHERE REPLACEMENT, RELOCATION OR MODIFICATION OF EXISTING EQUIPMENT IS INDICATED, PROVIDE AND MAINTAIN ALL TEMPORARY SERVICES, CONNECTIONS, CONTROLS, AND ANY OTHER MATERIALS AND APPURTENANCES REQUIRED TO MAINTAIN SERVICES TO OCCUPIED AREAS.
5. NO WORK SHALL BE LEFT INCOMPLETE, NOR ANY HAZARDOUS SITUATION CREATED, WHICH WILL AFFECT THE LIFE OR SAFETY OF THE PUBLIC AND/OR BUILDING OCCUPANTS. AT NO TIME SHALL THE WORK INTERFERE WITH OR CUT OFF ANY OF THE EXISTING SERVICES WITHOUT THE OWNER'S PRIOR WRITTEN PERMISSION.
6. THE OWNER RESERVES THE RIGHT TO OPERATE ALL EXISTING MECHANICAL EQUIPMENT UNTIL THE NEW SYSTEMS COME ON LINE.
7. IT IS REQUIRED THAT THE WORK INDICATED AND/OR SPECIFIED SHALL BE CARRIED OUT WITH A MINIMUM OF INTERFERENCE TO THE ESTABLISHED OPERATIONS OF THE BUILDING.
8. REMOVED MATERIALS SHALL BE DISPOSED OF USING LICENSED CARTING SERVICE.
9. HAZARDOUS MATERIALS - SHALL BE DISPOSED OF BY AN EPA APPROVED, LICENSED DISPOSAL SERVICE. CONTRACTOR SHALL OBTAIN AND HAVE ON FILE, AFFIDAVIT, AND RECEIPTS STATING HOW AND WHERE THE WASTE WAS DISPOSED OF OR CONVERTED.
10. DUCTWORK, EQUIPMENT AND TERMINAL DEVICES HAVE BEEN TAKEN FROM FIELD OBSERVATION AND ARE TO BE USED FOR REFERENCE AND SHALL NOT BE CONSTRUED TO BE ACTUAL FIELD CONDITIONS. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL SYSTEMS PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
11. ALL EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF PER OR STORED PER DIRECTION OF OWNER, ANY ITEM NOT RETAINED BY OWNER SHALL BE REMOVED FROM SITE AND DISCARDED IN AN APPROVED MANNER.
12. IT IS THE INTENTION OF THESE SPECIFICATION TO REMOVE ALL MATERIALS ABANDONED BY THE SCOPE OF THIS CONSTRUCTION PROJECT. NO OBSOLETE MATERIALS (I.E. HANGERS, SUPPORTS, INSULATION, DUCTWORK, ETC.) SHALL REMAIN.
13. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION TO ANY EXPOSED OR UNCAPPED NEW OR EXISTING DUCTWORK TO REMAIN TO MINIMIZE DUST CONTAMINATION IN ANY AND ALL OF THE AIR SYSTEMS. THIS SHALL INCLUDE BUT IS NOT LIMITED TO TEMPORARY FILTERS, CAPS, ENCLOSURES, ETC.

MECHANICAL DRAWING LIST

DRAWING NUMBER	DRAWING DESCRIPTION
M-001	COVER SHEET - MECHANICAL
MD-103	DEMOLITION ROOF PLAN - MECHANICAL
M-101	FIRST FLOOR PLAN - MECHANICAL
M-102	SECOND FLOOR PLAN - MECHANICAL
M-103	ROOF PLAN - MECHANICAL
M-300	SCHEDULES - MECHANICAL
M-400	DETAILS - MECHANICAL

drawing title		COVER SHEET - MECHANICAL		STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS					
mark	date	description	drawing prepared by	date	scale
1	03/04/19	ADDENDUM 1	KOHLER RONAN, LLC 93 LAKE AVENUE DANBURY, CT 06810	12 NOV 2018	N.T.S.
			project	drawing no.	
			DEPARTMENT OF MOTOR VEHICLES HAMDEN ROOF AND HVAC 1985 STATE STREET HAMDEN, CT	JRM approved by CFR	M-001
CAD no.		project no.			
www.kro.com/Cover_Sheet.dwg		BI-MM-54			



AIR BALANCE NOTES

- REBALANCE ALL SUPPLY AIR DIFFUSERS TO VALUES SHOWN ON FLOOR PLAN.
- BALANCE OUTSIDE AIR AND RETURN AIR MAIN PROVIDED IN ROOF TOP UNIT SCHEDULE.

SUPPLEMENTAL BID #2

INTERNALLY CLEAN ALL DUCTWORK, DAMPERS, AND TURNING VANES PRIOR TO ADJUSTING AND BALANCING. THOROUGHLY CLEAN ALL EXISTING REGISTERS, GRILLES, AND DIFFUSERS. REFER TO SPECIFICATION 230130.51 FOR DETAILED CLEANING REQUIREMENTS.

INSULATE SECTIONS OF DUCTWORK WITH MISSING INSULATION. INSULATION SHALL BE CONTINUOUS WITH A FULLY SEALED VAPOR BARRIER. REFER TO SCHEDULE FOR REQUIRED INSULATION.

REMOVE EXISTING THERMOSTAT AND REPLACE WITH NEW STAND ALONE COMBINATION THERMOSTAT/HUMIDISTAT. REMOVE AND REPLACE CONTROL WIRING.

EXISTING GAS METER

EXISTING ELECTRIC RADIATOR

EXISTING 3" GAS MAIN UP.

EXISTING 34x12 SUPPLY AND RETURN UP TO RTU-5 TO REMAIN.

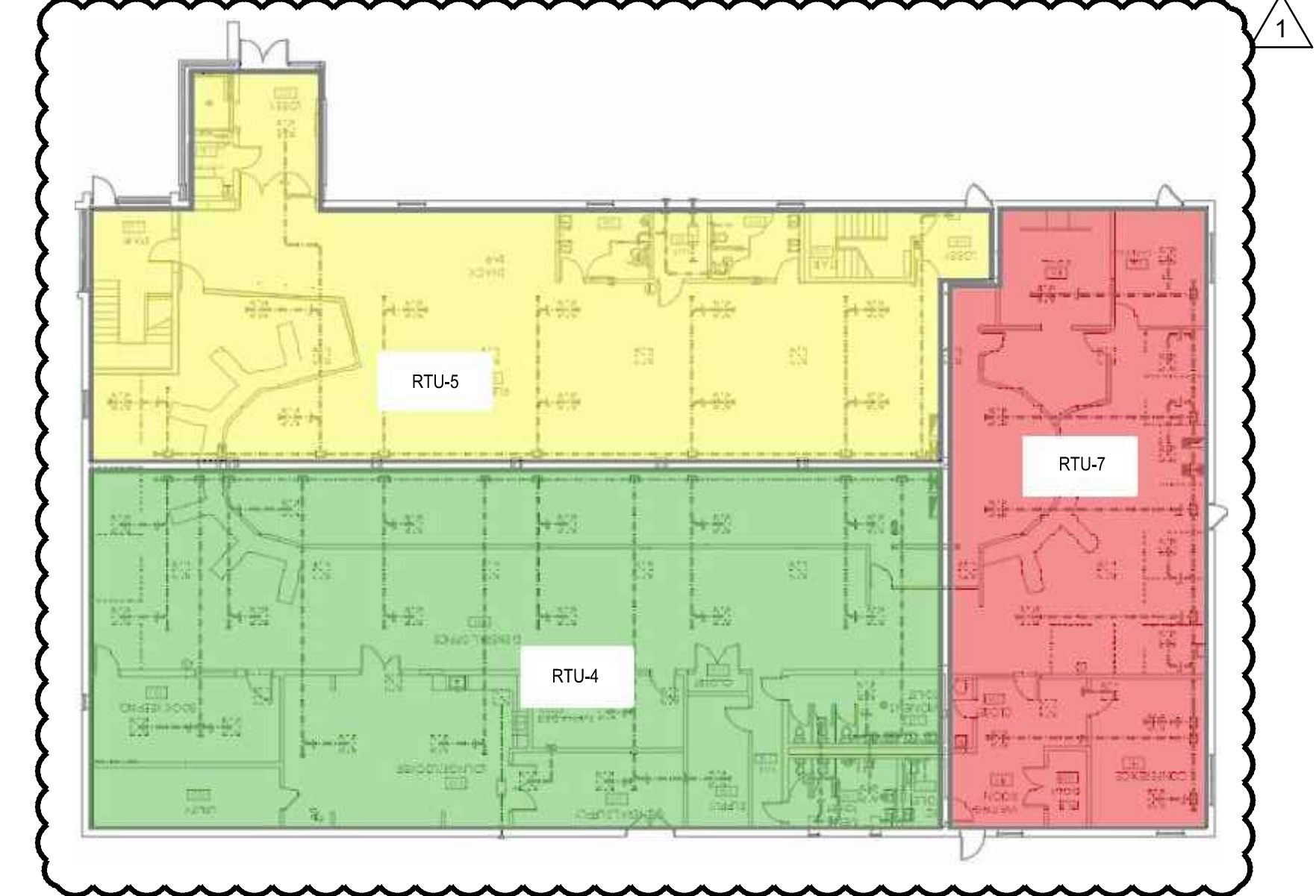
EXISTING 34x12 SUPPLY AND RETURN UP TO RTU-4 TO REMAIN.

EXISTING 36x16 RETURN UP TO RTU-7 TO REMAIN.

EXISTING 36x16 SUPPLY UP TO RTU-7 TO REMAIN.

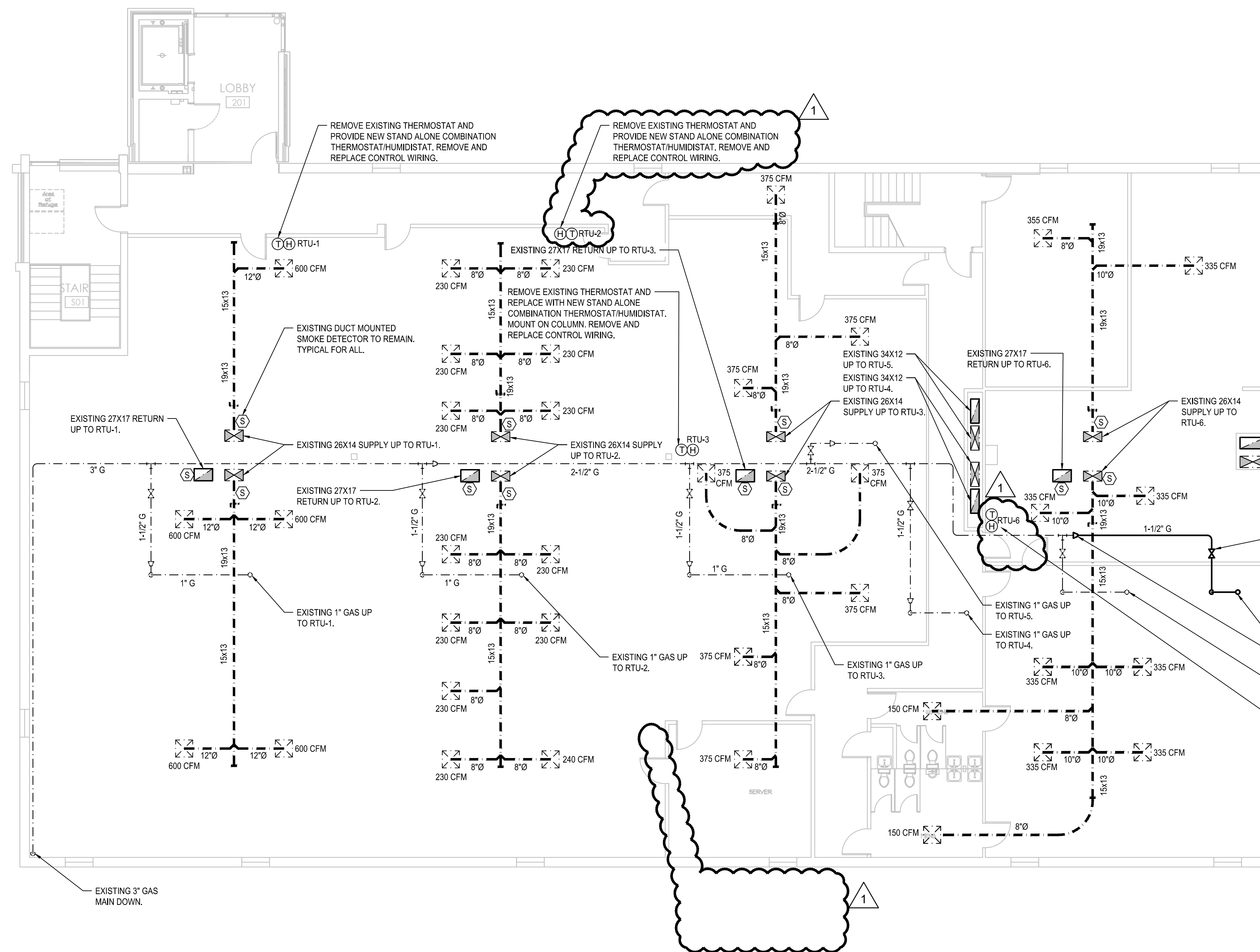
REMOVE EXISTING THERMOSTAT AND REPLACE WITH NEW STAND ALONE COMBINATION THERMOSTAT/HUMIDISTAT. REMOVE AND REPLACE CONTROL WIRING.

1 FIRST FLOOR PLAN
M-101 Scale: 1/8"=1'-0"



2 FIRST FLOOR ZONING PLAN
M-101 Scale: NOT TO SCALE

drawing title FIRST FLOOR PLAN - MECHANICAL			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS				
mark	date	description		
1	03/04/19	ADDENDUM 1		
drawing prepared by KOHLER RONAN, LLC 93 LAKE AVENUE DANBURY, CT 06810			date 12 NOV 2018	scale AS NOTED
project DEPARTMENT OF MOTOR VEHICLES HAMDEN ROOF AND HVAC 1985 STATE STREET HAMDEN, CT			drawn by JRM	approved by CFR
drawing no. M-101			project no. BI-MM-54	drawing no. M-101



AIR BALANCE NOTES

- REBALANCE ALL SUPPLY AIR DIFFUSERS TO VALUES SHOWN ON FLOOR PLAN.
- BALANCE OUTSIDE AIR AND RETURN AIR MAIN PROVIDED IN ROOF TOP UNIT SCHEDULE.

SUPPLEMENTAL BID #1

REMOVE AND REPLACE ALL EXISTING DUCT MOUNTED SMOKE DETECTORS FOUND ON SECOND FLOOR. RECONNECT TO EXISTING FIRE ALARM SYSTEM.

SUPPLEMENTAL BID #2

INTERNALLY CLEAN ALL DUCTWORK, DAMPERS, AND TURNING VANES PRIOR TO ADJUSTING AND BALANCING. THOROUGHLY CLEAN ALL EXISTING REGISTERS, GRILLES, AND DIFFUSERS. REFER TO SPECIFICATION 230130.51 FOR DETAILED CLEANING REQUIREMENTS.

1 SECOND FLOOR PLAN
M-102 Scale: 1/8"=1'-0"



2 SECOND FLOOR ZONING PLAN
M-102 Scale: NOT TO SCALE

drawing title SECOND FLOOR PLAN - MECHANICAL			STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES		
REVISIONS					
mark	date	description			
1	03/04/19	ADDENDUM 1			
drawing prepared by KOHLER RONAN, LLC 93 LAKE AVENUE DANBURY, CT 06810			date 12 NOV 2018 scale AS NOTED		
project DEPARTMENT OF MOTOR VEHICLES HAMDEN ROOF AND HVAC 1985 STATE STREET HAMDEN, CT			drawn by JRM approved by CFR drawing no. M-102		
CAD no. 1985 State Street			project no. BI-MM-54		

HVAC PIPING/TUBING MATERIAL, JOINTS & FITTINGS						
SYSTEM	PIPE SIZE	CONSTRUCTION	PIPING	FITTINGS	UNIONS	FLANGES
COOLING COIL CONDENSATE DRAINS	2" AND SMALLER	SOLDER JOINT CONSTRUCTION WITH THREADED ADAPTERS AS REQUIRED. 95-5 TIN/ANTIMONY SOLDER.	COPPER, TYPE L, HARD DRAWN, ANSI H23.1, ASTM B88.	CAST BRONZE OR WROUGHT COPPER, SOLDER ENDS, ANSI B16.9 OR ANSI B16.22.	BRONZE SOLDER ENDS, GROUND JOINTS, ANSI B16.19 OR ANSI B16.22.	USE UNIONS
NATURAL GAS	2" AND SMALLER	THREADED CONSTRUCTION WITH THREADED CONNECTIONS TO EQUIPMENT AS REQUIRED.	BLACK STEEL, SCHEDULE 40, SEAMLESS, ASTM A53, GRADE B.	MALLEABLE IRON THREADED, CLASS 150	MALLEABLE IRON, CLASS 150, THREADED ENDS, GROUND JOINTS, ANSI B16.49, ASTM A181, GRADE 1	-
ABOVE GROUND STORM DRAIN	ALL	SERVICE WEIGHT CAST IRON PIPES AND FITTINGS CONNECTED WITH NO HUB HEAVY DUTY 4-BAND CLAMPS	SERVICE WEIGHT CAST IRON PIPING	SERVICE WEIGHT CAST IRON FITTINGS	NO HUB HEAVY DUTY 4-BAND CLAMPS SIMILAR TO HUSKY HD 2000, MFAB M-XHUB, OR MISSION MODEL HEAVY WEIGHT.	-

DUCT PRESSURE CLASS	
APPLICATION	PRESSURE CLASS
SUPPLY / RETURN AIR DUCTWORK	2" W.G.

HVAC DUCT/PLENUM MATERIAL			
APPLICATION	SUPPLY	RETURN	EXHAUST
TYPICAL (UNLESS OTHERWISE SPECIFIED)	G90 GALVANIZED STEEL	G90 GALVANIZED STEEL	-

- NOTES:
- LEAKAGE CLASS SHALL BE DETERMINED PER ASHRAE 90.1-2010 REQUIREMENTS.
 - PRESSURE CLASS SHALL BE DEFINED PER SMACNA THIRD EDITION - 2015.
 - DUCTWORK, JOINTS, SEALING, AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMACNA THIRD EDITION - 2015.

- DUCT CONSTRUCTION SHALL MEET SMACNA METAL & FLEXIBLE 2005 3RD EDITION STANDARDS.

RTU SEQUENCE OF OPERATIONS	
GENERAL:	<ol style="list-style-type: none"> EACH UNIT SHALL OPERATE INDEPENDENTLY WITHIN THEIR DESIGNATED ZONE. BUILDING HOURS OF OPERATION SHALL BE PROGRAMMED THROUGH THE 7-DAY PROGRAMMABLE COMBINATION THERMOSTAT / HUMIDISTAT. PROGRAMMABLE THERMOSTAT / HUMIDISTAT SHALL ALLOW 2-HOUR LONG OCCUPANT OVERRIDE.
OCCUPIED COOLING:	<ol style="list-style-type: none"> THE UNIT PACKAGED CONTROLS SHALL SEQUENCE COMPRESSOR OPERATION, HOT GAS REHEAT COIL, AND SUPPLY FAN AIRFLOW TO MAINTAIN DESIRED SETPOINT (75°F / 50%RH ADJUSTABLE).
UNOCCUPIED COOLING:	<ol style="list-style-type: none"> THE UNIT PACKAGED CONTROLS SHALL SEQUENCE COMPRESSOR OPERATION AND STAGE SUPPLY FAN AIRFLOW TO MAINTAIN DESIRED SETBACK TEMPERATURE (85°F ADJUSTABLE).
OCCUPIED HEATING:	<ol style="list-style-type: none"> THE UNIT PACKAGED CONTROLS SHALL STAGE THE GAS BURNER OPERATION AND STAGE SUPPLY FAN AIRFLOW TO MAINTAIN DESIRED SETPOINT (70°F ADJUSTABLE).
UNOCCUPIED HEATING:	<ol style="list-style-type: none"> THE UNIT PACKAGED CONTROLS SHALL STAGE GAS BURNER OPERATION AND STAGE SUPPLY FAN AIRFLOW TO MAINTAIN DESIRED SETBACK TEMPERATURE (60°F ADJUSTABLE).
SAFETIES:	<ol style="list-style-type: none"> SUPPLY AND RETURN DUCT MOUNTED SMOKE DETECTORS; UPON SENSING PRODUCTS OF COMBUSTION, OR SIGNAL RECEIVED FROM CENTRAL FIRE ALARM SYSTEM, SHALL SHUT DOWN THE ASSOCIATED ROOFTOP UNIT. RESET OF SMOKE DETECTOR INITIATION SHALL BE MANUAL. UNIT MOUNTED CONDENSATE OVERFLOW SWITCH SHALL MONITOR CONDENSATE LEVEL IN THE COOLING COIL DRAIN PAN AND SHUT DOWN COMPRESSOR OPERATION WHEN OVERFLOW CONDITIONS OCCUR.
ECONOMIZER:	<ol style="list-style-type: none"> ROOFTOP UNIT PACKAGED CONTROLS SHALL PROVIDE A DUAL ENTHALPY BASED ECONOMIZER.

ROOF TOP AIR HANDLING UNITS																																
UNIT NO	LOCATION	SERVES	MIN. VENT. CFM	SUPPLY FAN SECTION							ELECTRICAL					DX COOLING COIL					INDIRECT GAS FIRED HEATER					FILTER	MAKE/MODEL					
				TOTAL CFM	TOTAL SP	EXT. SP	DRIVE	FAN RPM	FAN QTY	BHP EACH	HP	VOLTS	PH	MCA	MOCP	CAP MBH	EAT DB	WB	LAT DB	WB	OUTDOOR AIR TEMP.	EER	VEL FPM	CAP MBH IN	OUT			AIR DATA EAT	LAT	GAS PRESSURE	O.A. TEMP.	EFFICIENCY
RTU-1	ROOFTOP	SECOND FLOOR	450	3,000	1.04'	0.75"	BELT	893	1	1.61	3	208	3	41	50	91 T 68 S	77.0°F	64.1°F	56.0°F	53.8°F	88°F DB 73°F WB	12.0	500 MAX	120 180	98 148	60.7°F	106.1°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE08J2M5-2FGM0
RTU-2	ROOFTOP	SECOND FLOOR	450	3,000	1.04'	0.75"	BELT	893	1	1.61	3	208	3	41	50	91 T 68 S	77.0°F	64.1°F	56.0°F	53.8°F	88°F DB 73°F WB	12.0	500 MAX	120 180	98 148	60.7°F	106.1°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE08J2M5-2FGM0
RTU-3	ROOFTOP	SECOND FLOOR	450	3,000	1.04'	0.75"	BELT	893	1	1.61	3	208	3	41	50	91 T 68 S	77.0°F	64.1°F	56.0°F	53.8°F	88°F DB 73°F WB	12.0	500 MAX	120 180	98 148	60.7°F	106.1°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE08J2M5-2FGM0
RTU-4	ROOFTOP	FIRST FLOOR	800	4,200	1.4'	0.85"	BELT	1127	1	3.75	5	208	3	54	60	118 T 90 S	77.5°F	64.5°F	57.7°F	55.1°F	88°F DB 73°F WB	12.0	500 MAX	180 224	147 184	58.2°F	98.6°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE1J2M5-2FGM0
RTU-5	ROOFTOP	FIRST FLOOR	800	4,040	1.25'	0.85"	BELT	1073	1	3.24	5	208	3	54	60	118 T 90 S	77.6°F	64.6°F	57.0°F	54.8°F	88°F DB 73°F WB	12.0	500 MAX	180 224	147 184	57.8°F	99.8°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE1J2M5-2FGM0
RTU-6	ROOFTOP	SECOND FLOOR	450	3,000	1.04'	0.75"	BELT	893	1	1.61	3	208	3	41	50	91 T 68 S	77.0°F	64.1°F	56.0°F	53.8°F	88°F DB 73°F WB	12.0	500 MAX	120 180	98 148	60.7°F	106.1°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE08J2M5-2FGM0
RTU-7	ROOFTOP	FIRST FLOOR	800	4,200	1.4'	0.85"	BELT	1127	1	3.75	5	208	3	54	60	118 T 90 S	77.5°F	64.5°F	57.7°F	55.1°F	88°F DB 73°F WB	12.0	500 MAX	180 224	147 184	58.2°F	98.6°F	5"	8°F	82%	MERV 13	CARRIER 48HCEE1J2M5-2FGM0

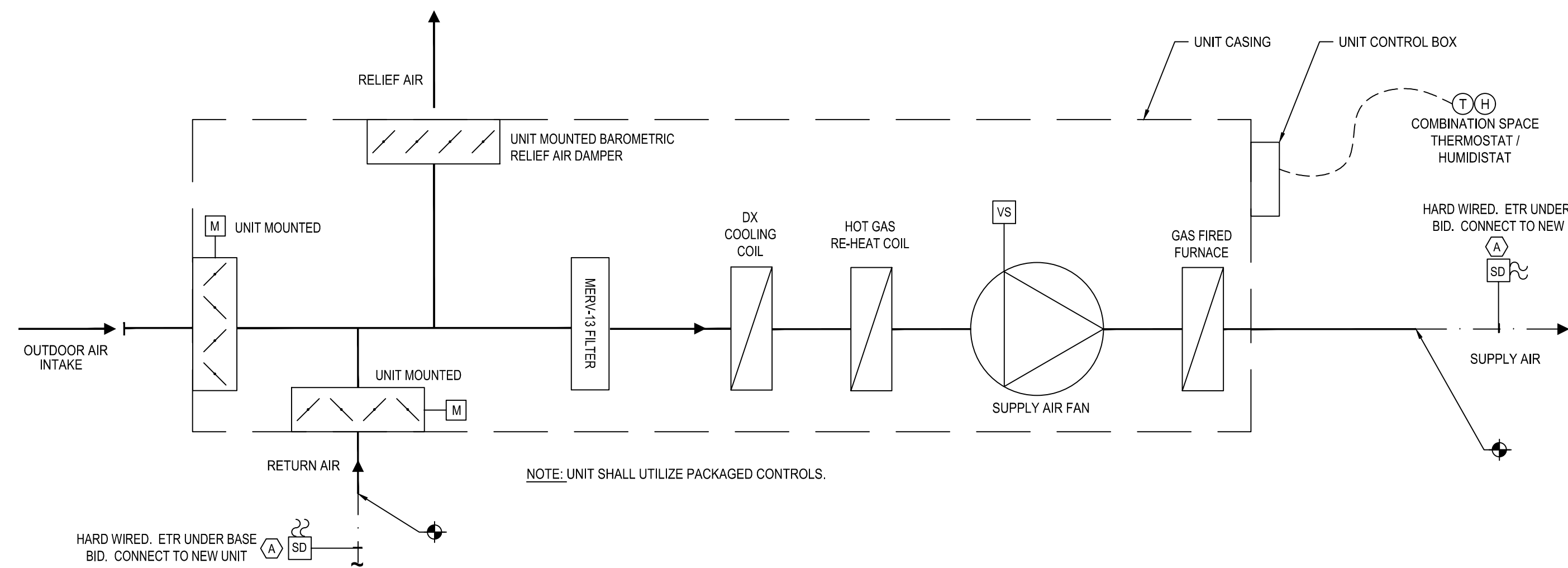
- NOTES:
- FANS SHALL BE BALANCED TO AIRFLOW QUANTITY INDICATED ON PLANS AT INLETS AND OUTLETS.
 - ALL COILS SHALL BE MAXIMUM 8 ROWS AND MAXIMUM 12 FINS PER INCH.
 - ALL CONDENSERS SHALL BE SELECTED AT 95°F AMBIENT DRY BULB.
 - FAN MOTORS SHALL BE INVERTOR DUTY RATED FOR USE WITH VARIABLE FREQUENCY DRIVES.
 - PROVIDE 1 COMPLETE SET OF SPARE SET OF FILTERS FOR EACH UNIT.
 - INTAKE PLENUM AND COIL SECTIONS SHALL HAVE SOLID LINER. FILTER, ACCESS AND FAN SECTIONS SHALL HAVE PERFORATED LINER.
 - FURNISH EACH ROOFTOP UNIT WITH A 7 DAY PROGRAMMABLE COMBINATION THERMOSTAT / HUMIDISTAT WITH DIGITAL BACKLIT DISPLAY BY ROOFTOP UNIT MANUFACTURER. THERMOSTATIC CONTROLS SHALL HAVE AN ADJUSTABLE DEADBAND ORIGINALLY SET TO 5°F, AND SHALL PERMANENTLY RETAIN THEIR PROGRAMMED SETTINGS IN THE EVENT OF A POWER FAILURE.
 - FOR EACH ROOFTOP UNIT: PROVIDE 2 STAGE GAS FIRED FURNACE AND 2 SPEED VFD FURNISHED BY MANUFACTURER.

HVAC VIBRATION-CONTROL			
EQUIPMENT	BASE	ISOLATOR	DEFLECTION
ROOF MOUNTED AIR HANDLING UNITS	ADAPTOR CURB ON EXISTING ROOF CURB	-	-

- REMARKS:
- REFER TO SPECIFICATION SECTION 237413 - "PACKAGED OUTDOOR CENTRAL AIR HANDLING UNITS" FOR A DESCRIPTION OF ROOF AND ADAPTOR CURBS.
 - SEISMIC ANCHORS, SUPPORTS AND BRACING EQUIPMENT SHALL BE PROVIDED. THE DESIGN OF ALL COMPONENTS SHALL BE SUBMITTED SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF THE PROJECT INDICATING ALL NECESSARY COMPONENT CUT SHEETS, PLAN LOCATIONS AND CALCULATIONS FOR A COMPLETE SYSTEM.
 - PROVIDE SUPPLEMENTAL STEEL WITHIN THE ROOF CURB TO SUPPORT DUCTWORK INDEPENDENT FROM THE ROOF CURB.

HVAC DUCT/PLENUM INSULATION			
SYSTEM	INSULATION TYPE	MINIMUM INSTALLED INSULATION VALUES	NOMINAL DENSITY
ABOVEGROUND, OUTDOOR DUCT/PLENUM CONCEALED OR EXPOSED SA AND RA	MINERAL FIBER BOARD (REFER TO NOTE #1)	2" R-8	3 LB/FT ³
INDOOR DUCT/PLENUM CONCEALED SA AND RA:	MINERAL FIBER BLANKET	2" R-6.0	3/4 LB/FT ³
	MINERAL FIBER BOARD WITH REFLECTIVE VAPOR BARRIER.	2" R-6.0	3 LB/FT ³

- ALL DUCTWORK INSTALLED OUTDOOR: PROVIDE A PRE-MANUFACTURED SELF ADHERING PRODUCT WITH AN UV RESISTANT, STUCCO EMBOSSED FINISH. WATER VAPOR TRANSMISSION OF THE INSTALLED PRODUCT SHALL BE .020 PERMS OR LESS. PRODUCT SHALL BE SUITABLE FOR CONTINUOUS USE IN LOW TEMPERATURES OF -10°F. MANUFACTURERS SHALL BE SIMILAR TO FLEX-CLAD 400, MFM BUILDING PRODUCTS CORP. OR ALUMAGUARD 60, POLYGUARD PRODUCTS, INC.
 - INSULATION TYPES INDICATED IN THE SCHEDULE SHALL BE USED UNLESS OTHERWISE INDICATED ON THE PLANS OR SPECIFICATIONS.
- SA = SUPPLY AIR DUCTWORK
RA = RETURN AIR DUCTWORK

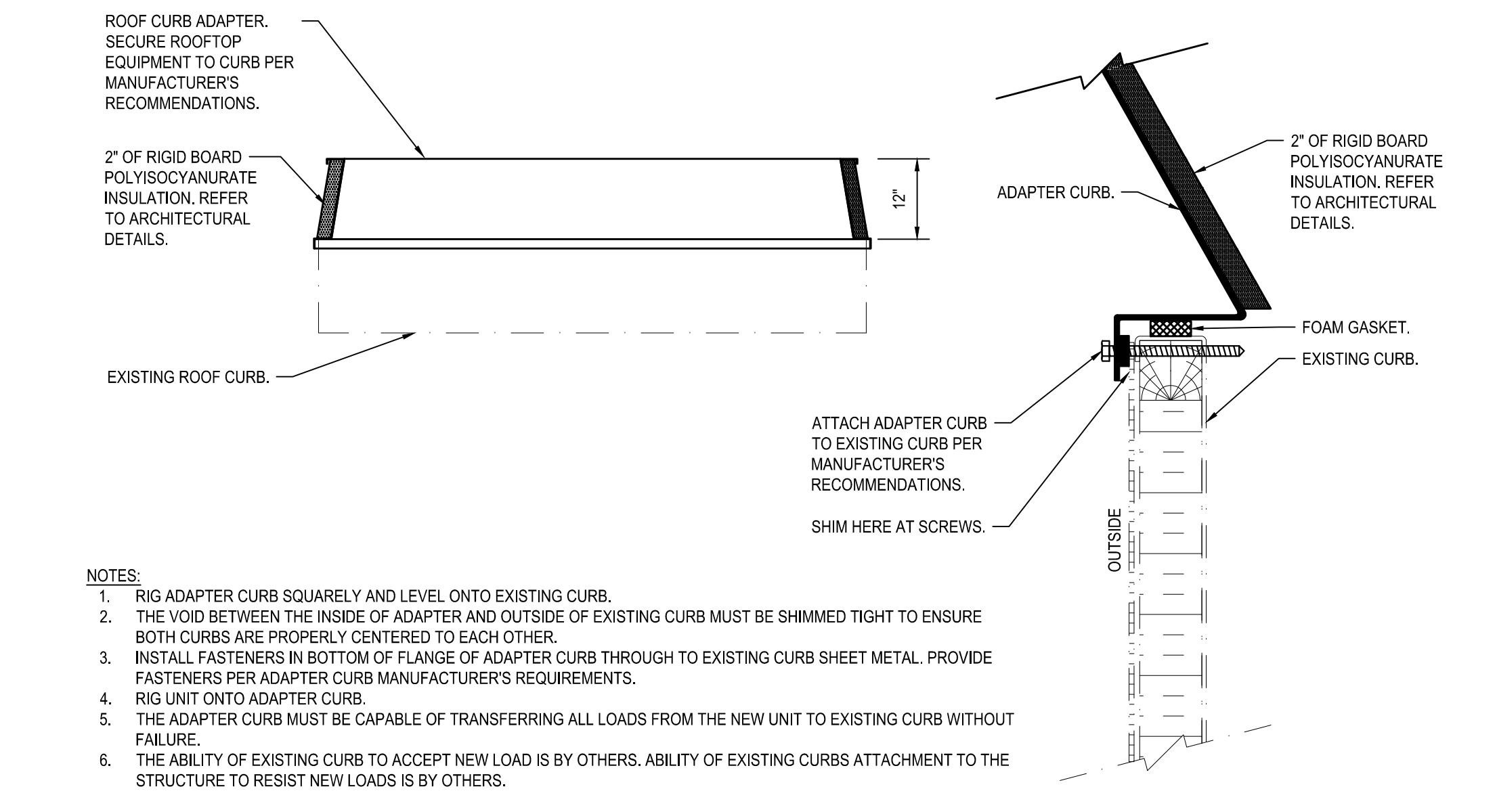
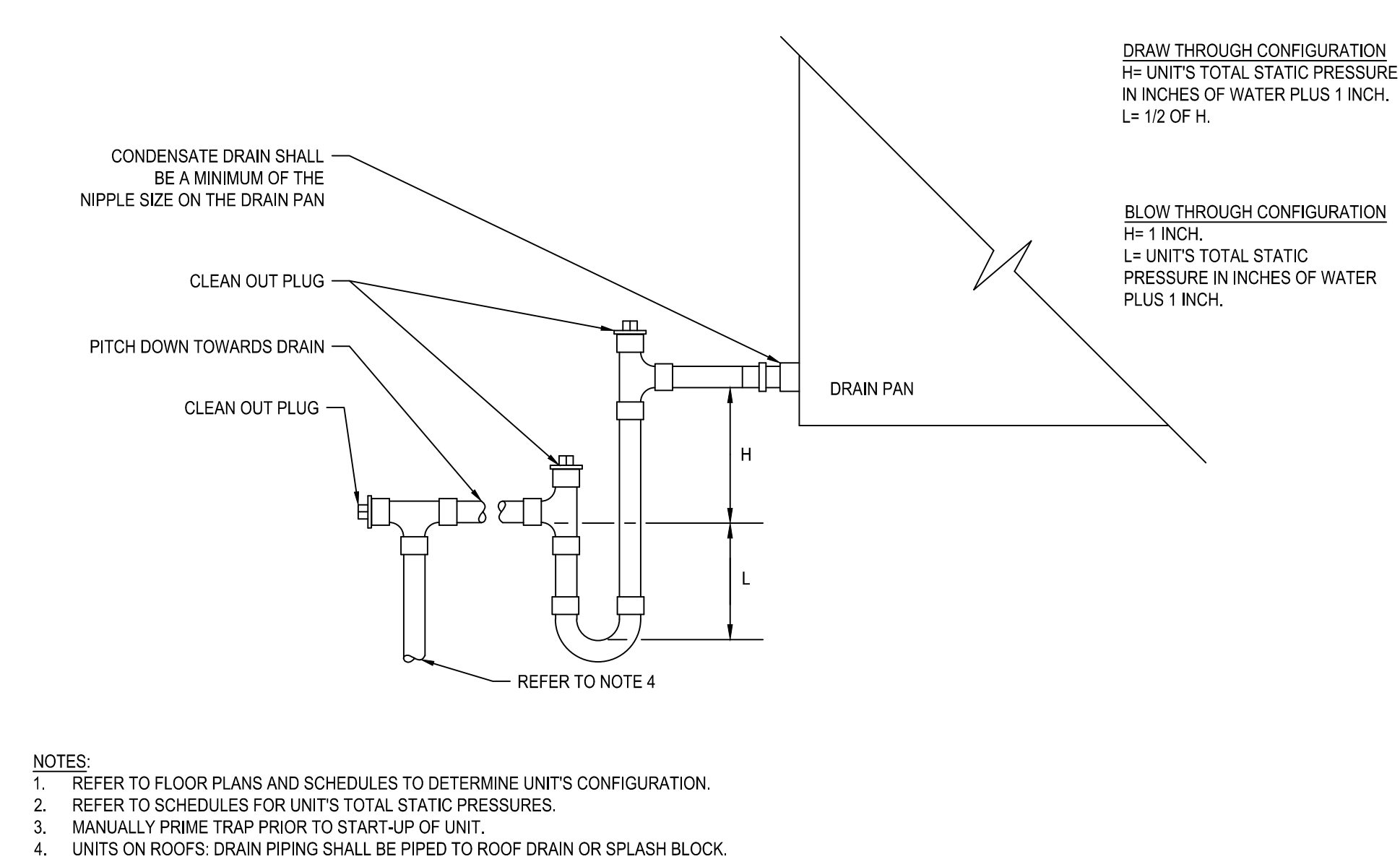
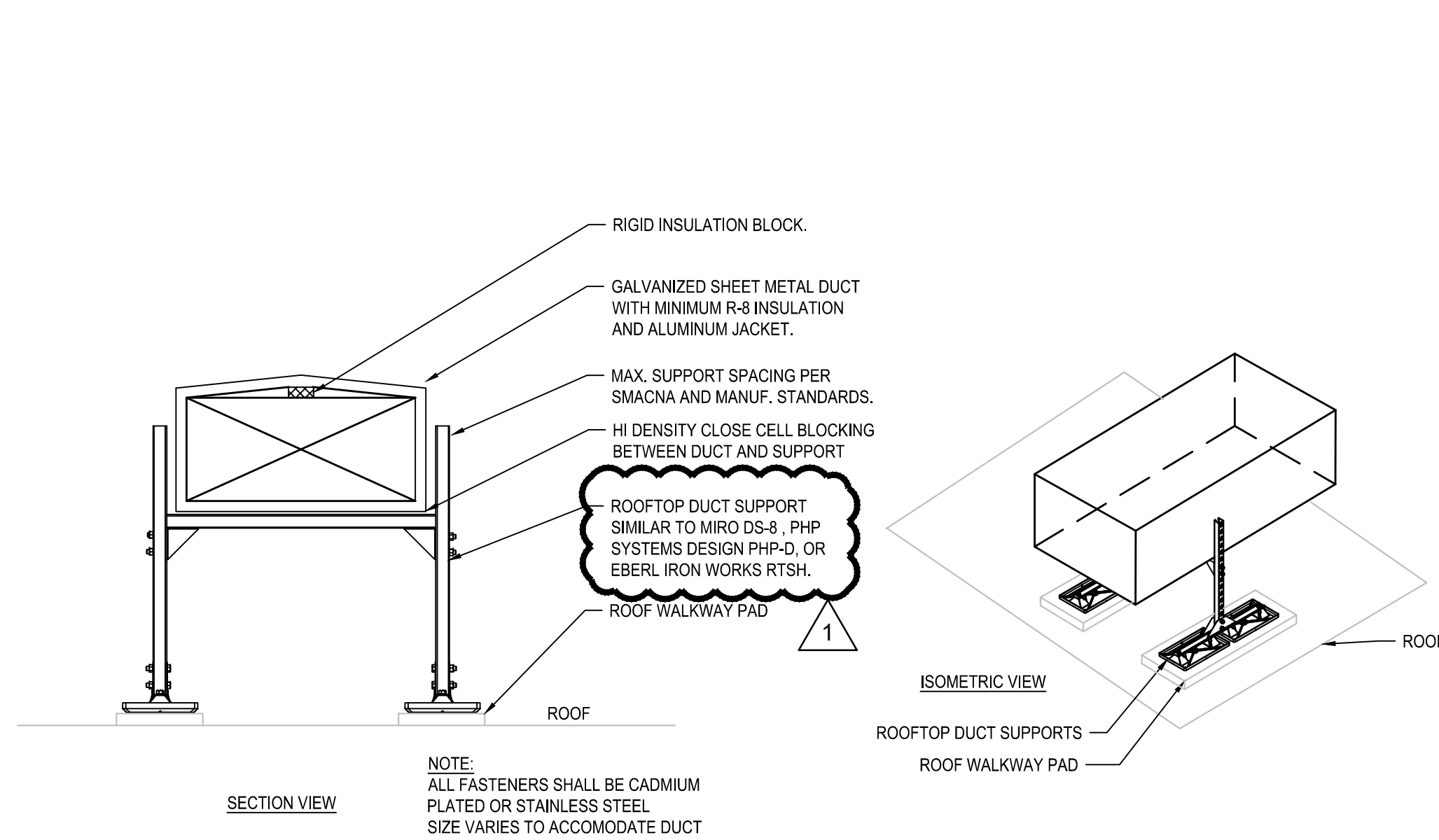


1 ROOFTOP UNIT FLOW AND CONTROL DIAGRAM
M-300 SCALE: NONE

DESCRIPTION	SIZE	TYPE							REMARKS	ABBREVIATIONS	
		GATE	GLOBE	CHECK	BALL	PLUG	BALAN.	CLASS		ABB.	DESCRIPTION
GAS	2" AND SMALLER	--	--	--	--	PGVT	--	125 PSI	--	PGVT	LOCKABLE PLUG VALVE THREADED - AGA APPROVED

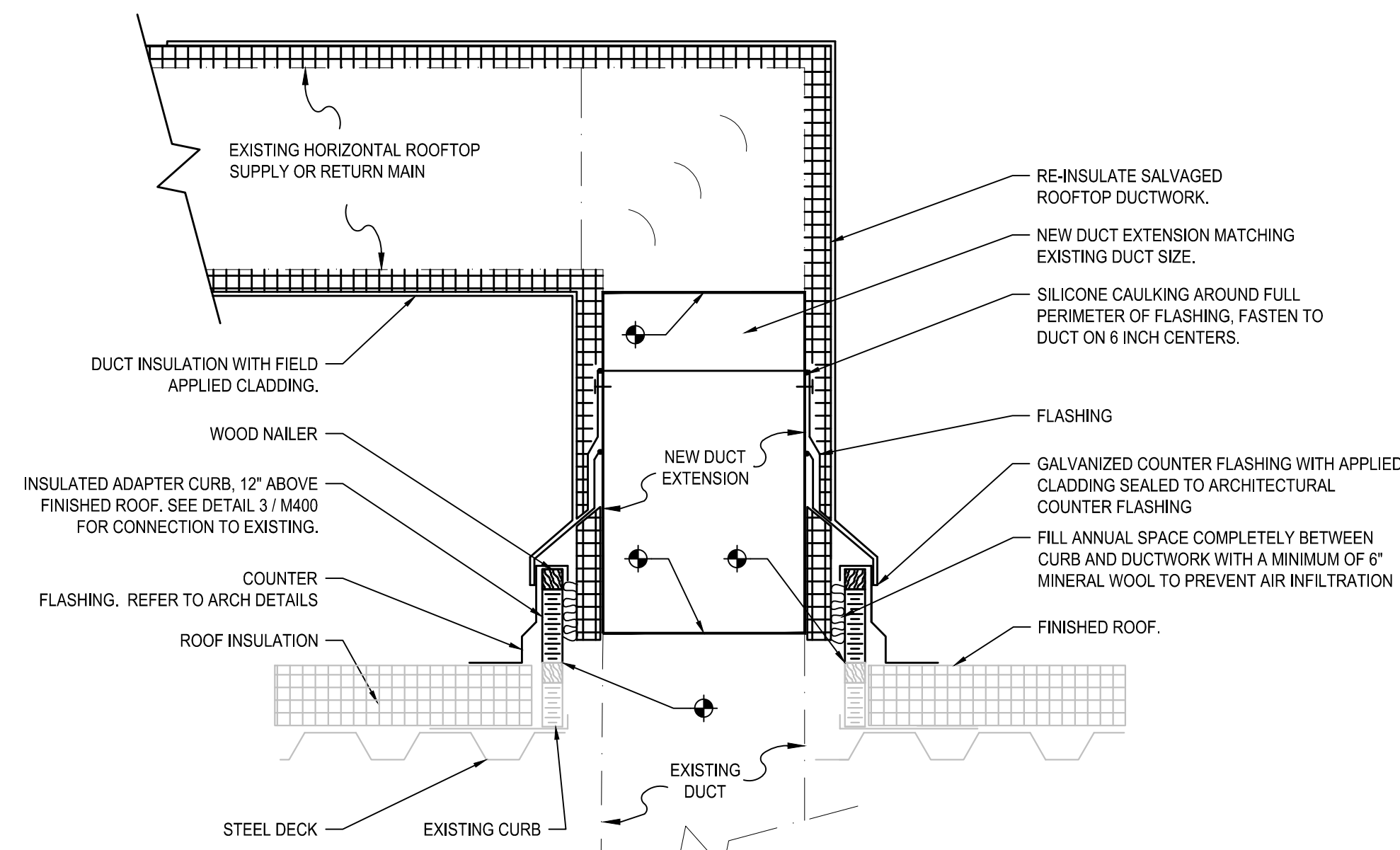
PLUMBING DRAIN SCHEDULE						
DRAIN TAG	DRAIN TYPE	DRAIN MANUFACTURER MODEL, MODEL NO.	MATERIAL	DESCRIPTION	TRAP SIZE	REMARKS
D1	ROOF DRAIN	FROET 200C SERIES WADE 3011 SERIES WATTS RD-300-F	CAST IRON	HEAVY DUTY DRAIN WITH 13'-15" DIAMETER CAST IRON BODY, BOTTOM OUTLET, 12" DIAMETER CAST IRON DOME, ROOF SUMP RECEIVER, UNDER DECK CLAMP, EXTENSION, AND COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD.	NO TRAP	NOTE: INCLUDE EXTENSION COLLAR AS REQUIRED FOR INSTALLATION OR CONSTRUCTION THICKNESS. MATCH DRAIN TO EXISTING PIPE SIZE

drawing title		STATE OF CONNECTICUT	
SCHEDULES - MECHANICAL		DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS			
mark	date	description	
1	03/04/19	ADDENDUM 1	
drawing prepared by		date	
KOHLER RONAN, LLC		12 NOV 2018	
93 LAKE AVENUE		scale	
DANBURY, CT 06810		NO SCALE	
project		drawn by	
DEPARTMENT OF MOTOR VEHICLES		JRM	
HAMDEN ROOF AND HVAC		approved by	
1985 STATE STREET		CFR	
HAMDEN, CT		drawing no.	
CAD no.		project no.	
www.kohler.com		BI-MM-54	
		M-300	



1 ROOF MOUNTED DUCTWORK SUPPORT DETAIL

M-400 NOT TO SCALE

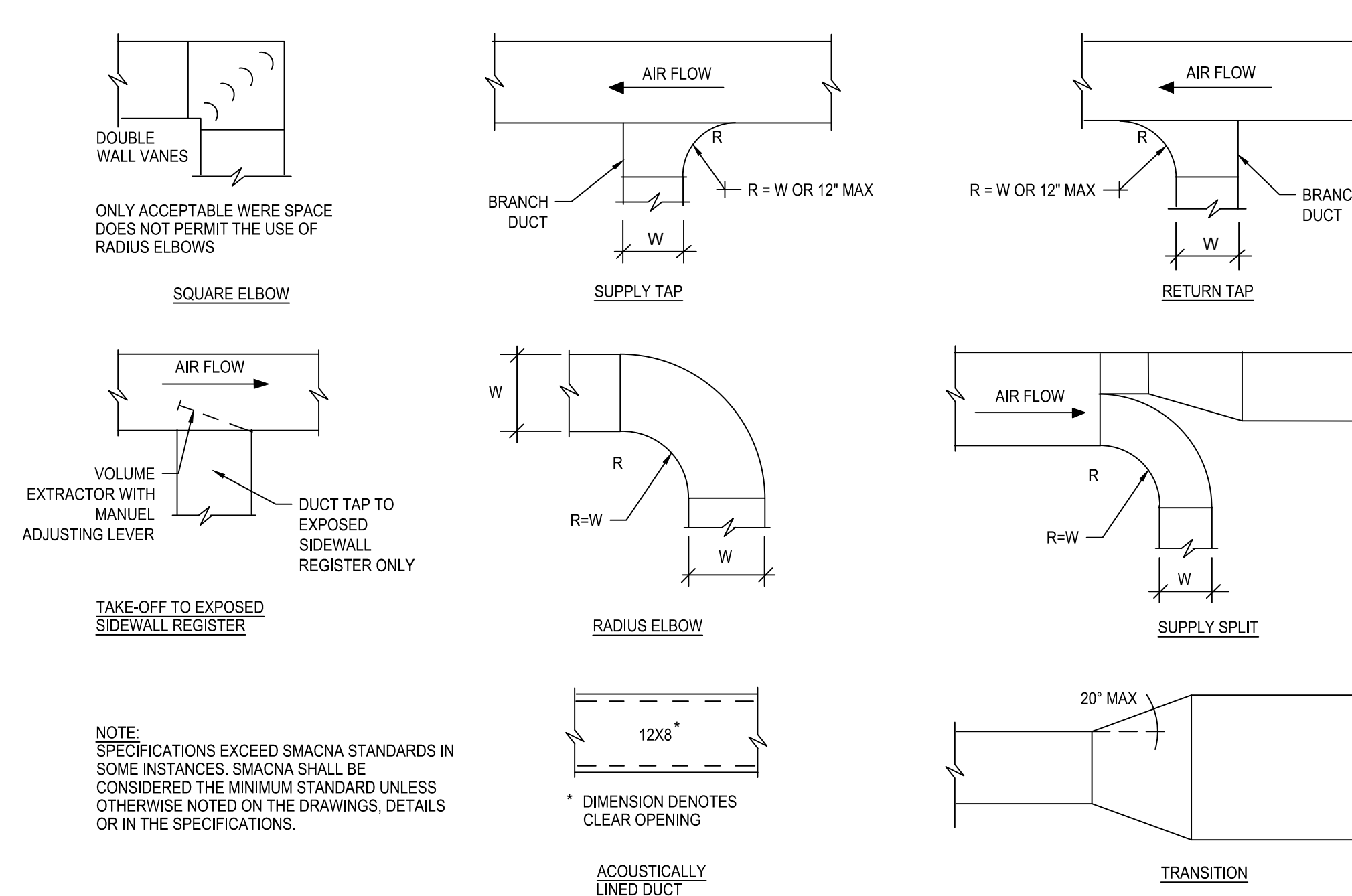


4 DUCT PENETRATION THROUGH ROOF DETAIL

M-400 NOT TO SCALE

2 COOLING COIL DRAIN TRAP DETAIL

M-400 NOT TO SCALE



5 DUCT CONSTRUCTION DETAIL

M-400 NOT TO SCALE

3 ROOF CURB TO ADAPTER CURB DETAIL

M-400 NOT TO SCALE

drawing title			STATE OF CONNECTICUT	
DETAILS - MECHANICAL			DEPARTMENT OF ADMINISTRATIVE SERVICES	
REVISIONS				
mark	date	description	drawing prepared by	date
1	03/04/19	ADDENDUM 1	KOHLER RONAN, LLC 93 LAKE AVENUE DANBURY, CT 06810	12 NOV 2018 scale N.T.S.
			project	drawn by
			DEPARTMENT OF MOTOR VEHICLES HAMDEN ROOF AND HVAC 1985 STATE STREET HAMDEN, CT	JRM
				approved by
				CFR
				drawing no.
				M-400
			CAD no.	project no.
			www.m-hq3.com	BI-MM-54