UNIT VENTILATOR SCHEDULE

TAG	LOCATION	TYPE	AIRSIDE PERFORMANCE			HYDRONIC PERFORMANCE									COOLING PERFORMANCE									MANUFACTURER & MODEL NO.	NOTES
			FAN SPEED SETTING	SUPPLY (CFM)	MIN. O.A. (CFM)	CAPACITY (MBH)	E.A.T. (°F)	L.A.T. (°F)	E.W.T. (°F)	L.W.T. (°F)	FLOW RATE (GPM)	W.P.D. (FT.)	FLUID	ROWS	TOTAL MBH	SENSIBLE MBH	EAT (DB/WB)	LAT (DB/WB)	COIL TYPE	REFRIGERANT	VOLT	PHASE	MCA	MAX FUSE		
UV-201	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-202	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-203	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-204	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-208	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-209	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-210	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-211	SECOND FL	FLOOR	MED	1250	448	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-212	SECOND FL	FLOOR	HIGH	1500	797	104	35	100	180	110.4	3	3.5	HW	3	48	34	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-213	SECOND FL	FLOOR	HIGH	1500	770	104	35	100	180	110.4	3	3.5	HW	3	48	34	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-216	SECOND FL	FLOOR	MED	1250	413	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8
UV-304	SECOND FL	FLOOR	MED	1250	403	72	42	100	180	107.3	2	3.5	HW	3	41	26	80/67	55/54	DX	R-410A	208	3	30.1	45	DAIKIN – AZQ 054	1,2,3,4,5,6,7,8

REMARKS:
1. PROVIDE MANUFACTURERS DISCONNECT, FACTORY MOUNTED AND WIRED.
2. PROVIDE UNIT WITH MANUFACTURERS THREE SPEED SWITCH SET TO AIRFLOW INDICATED.
3. PROVIDE UNIT WITH FACE AND BYPASS.
4. PROVIDE ANTIQUE IVORY COLOR.
5. UNIT TO COME WITH FACTORY MICROTECH CONTROLLER.
6. PROVIDE BASIC WALL MOUNTED ROOM SENSOR, PT # 910247450.
7. PROVIDE SS DRAIN PAN.
8. PROVIDE MANUFACTURERS WALL SLEEVE.

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DRAWN BY:
MLB

ISSUE: 03/19/2021

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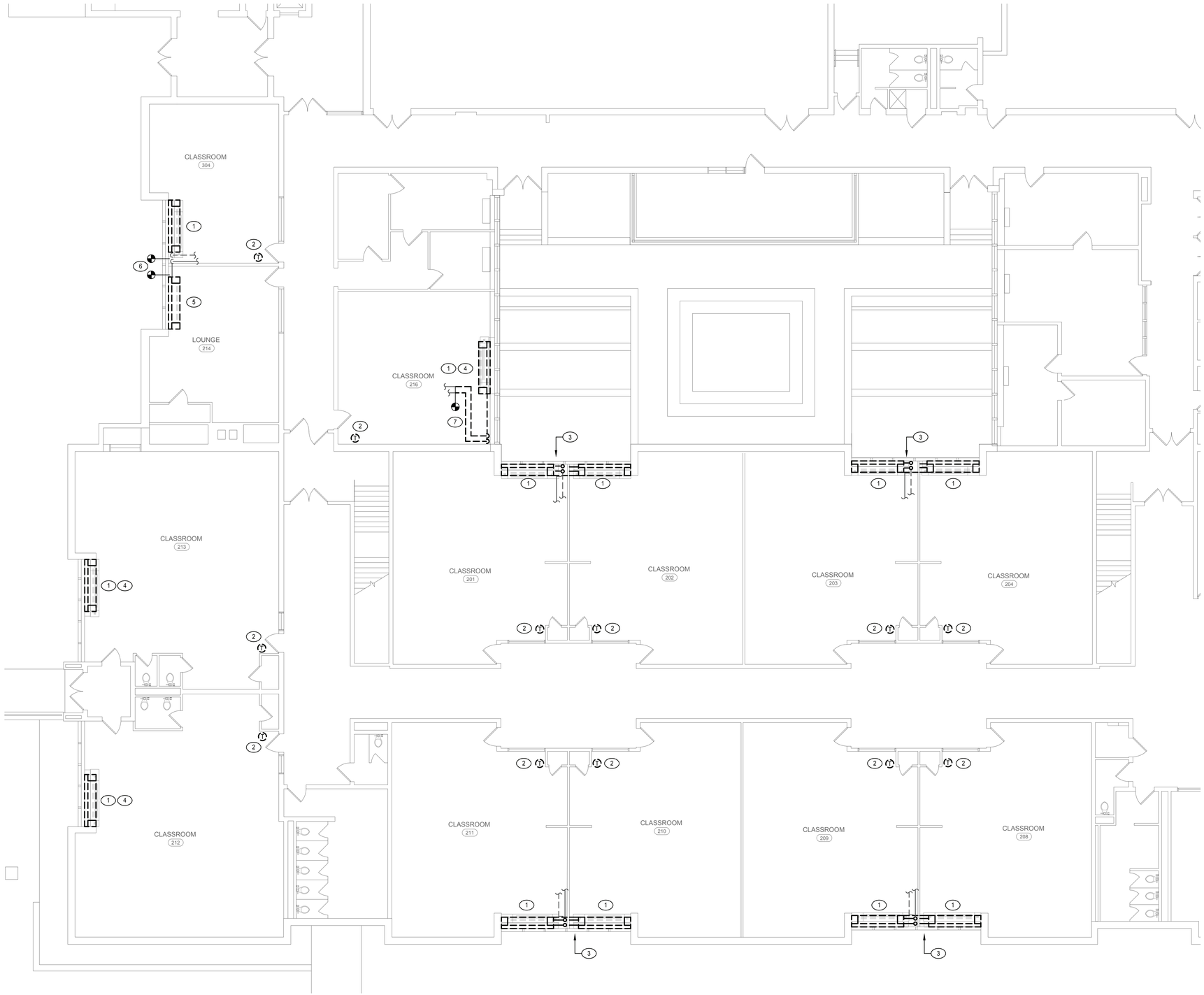
DESCRIPTION
HVAC Schedules

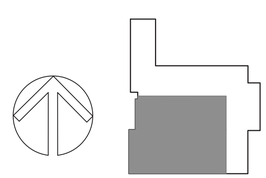
O-M.002.00



1 Removal Plan
O-M.201.00 SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. REMOVE UNIT VENT WITH ALL CONTROLS, PIPING, DUCTWORK, LOUVER, SLEEVE AND ALL ACCESSORIES.
2. REMOVE THERMOSTAT WITH ALL WIRING. PATCH WALL AS REQUIRED.
3. CUT AND CAP PIPING THAT GOES TO THIS SIDE UNIT VENT. THE NEW UNIT WILL HAVE NEW PIPING.
4. CUT AND CAP PIPING BELOW FLOOR. SEE 400 SERIES FOR NEW PIPING.
5. REMOVE UNIT VENT WITH ALL CONTROLS, PIPING, DUCTWORK, LOUVER, SLEEVE AND ALL ACCESSORIES. SAVE UNIT FOR RE-INSTALLATION.
6. CUT PIPING AT WALL.
7. REMOVE EXISTING PIPING.



KEY PLAN

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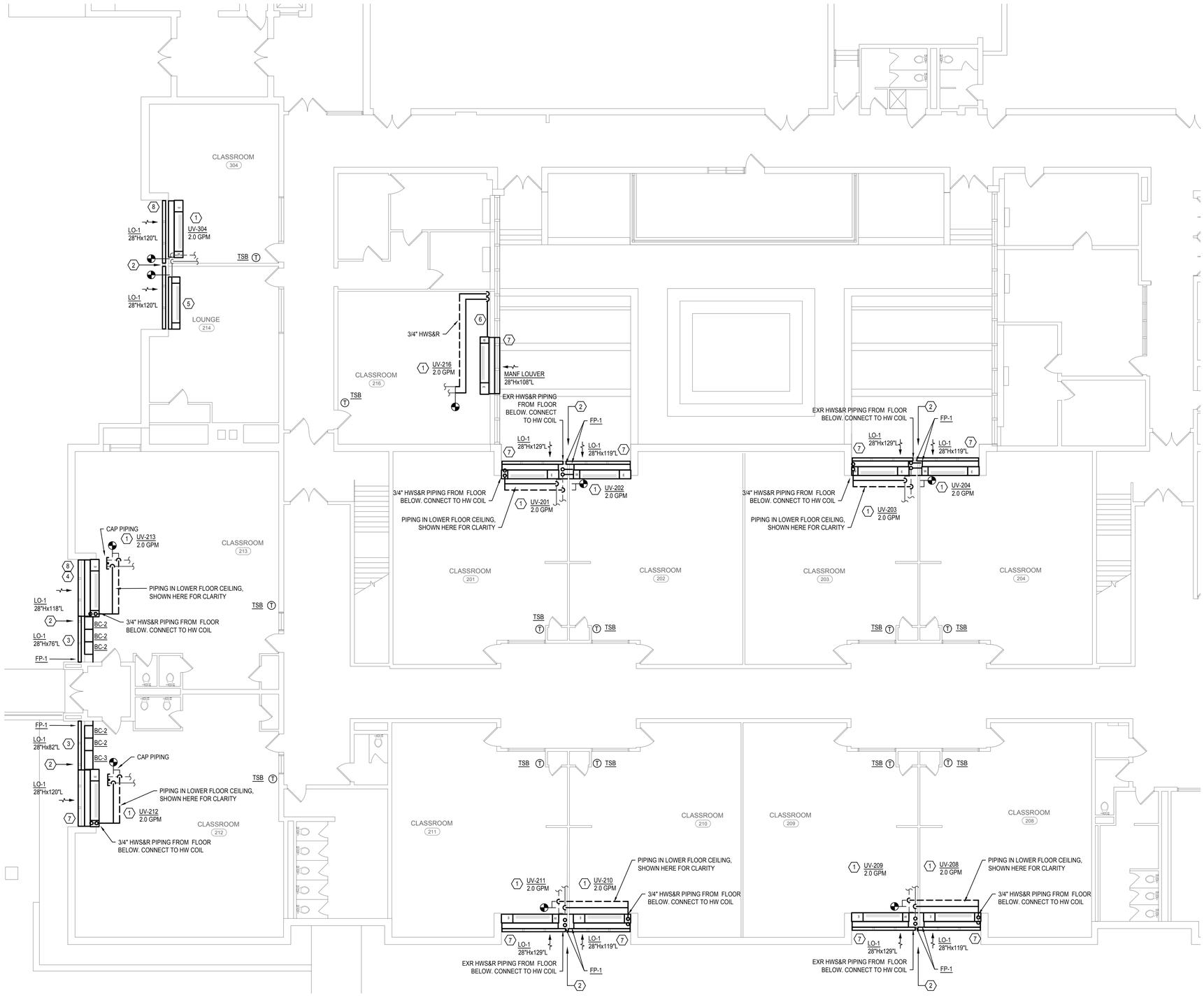
DESCRIPTION
Removal Plan

O-M.201.00



1 O-M.401.00 HVAC Plan

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. THE INSTALLATION OF THE UNIT VENTILATORS (WITH THE EXCEPTION OF ELECTRICAL) WILL BE PART OF A SINGLE CONTRACT. DRAWING O-A.500.00 WILL BE PART OF THE MC CONTRACT. THIS CONTRACTOR SHALL HIIRE A LICENSED CONTRACTOR TO PERFORM THE EXTERIOR WORK ON THE BUILDING TO THE SATISFACTION OF THE OWNER.

B. THIS CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT NO OUTSIDE AIR ENTERS THE ROOM OR EITHER OF THE END COMPARTMENTS OF THE UNIT VENTILATOR.

C. EXTEND THE WATER PIPING TO THE NEW LOCATIONS FOR THE NEW LONGER UNIT VENT IN THE FLOOR BELOW. THE UNIT DOES NOT HAVE A PIPE TUNNEL FOR CROSSOVER PIPING.

D. ALL LOUVERS ARE TO BE MEASURED AND FIELD VERIFIED BEFORE ANY SUBMITTALS. ANY INCONSISTENCIES ARE TO BE COORDINATED PRIOR TO ANY SUBMITTALS.

E. ALL LOUVERS ARE TO BE A DIVIDED LOUVER THAT WILL PREVENT THE AIR STREAMS FROM CROSSING.

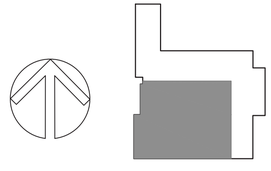
F. LOUVERS ARE TO BE A CLEAR ANODIZED AND NON-FLANGED.

G. PROVIDE (2) 30"x30" ACCESS DOORS IN THE LOWER LEVEL CEILING TO ACCESS THE PIPING FOR ALL UNITS. THIS WILL BE FOR EACH UNIT (SO 2 DOORS PER UNIT VENT).

H. PROVIDE NEW CORE HOLES FOR PIPING AS REQUIRED.

DRAWING NOTES: (#)

1. INSTALL NEW UNIT VENT IN LOCATION SHOWN. EXTEND AND CONNECT EXISTING HWS&R PIPING TO NEW UNIT VENT. PROVIDE ALL NEW WATER SPECIALTIES PER DETAIL ON 600 SERIES.
2. PROVIDE 2" VERTICAL SUPPORT BETWEEN LOUVERS. SUPPORT SHALL BE THE ALUMINUM WITH ANODIZED ALUMINUM COLOR TO EXACTLY MATCH LOUVER.
3. PROVIDE SHEETMETAL AND INSULATION BEHIND LOUVER PER DETAIL.
4. REMOVE LOUVER AND PART OF THE WALL SLEEVE TO VERIFY WALL CONSTRUCTION PRIOR TO SUBMITTALS TO VERIFY FINAL HEIGHT OF NEW LOUVER AND THICKNESS OF SLEEVE. RE-INSTALL LOUVER AFTER REVIEW.
5. RE-INSTALL UNIT VENT. PROVIDE DRAIN FOR SPLIT UNIT IN ROOM OUT WALL. PROVIDE SHEET METAL AND INSULATION BEHIND UNIT PER DETAIL TO ENSURE THAT NO AIR ENTERS END COMPARTMENTS OR ROOM.
6. RUN PIPING ACROSS WALL. PROVIDE PIPE ENCLOSURE.
7. CONTRACTOR TO RUN 3/4" COPPER LINE FROM CONDENSATE DRAIN ON UNIT DOWN EXTERIOR OF WALL TO 12" ABOVE GRADE. ANCHOR PIPE TO WALL EVERY 4FT. PROVIDE 90DEG ELBOW AT BOTTOM OF PIPE.
8. CONTRACTOR TO RUN 3/4" COPPER LINE FROM CONDENSATE DRAIN OUT WALL. PROVIDE 90 DEG ELBOW AT BOTTOM OF PIPE.



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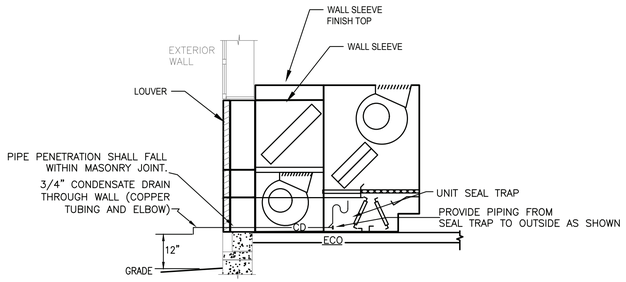
DESCRIPTION
HVAC Plan

O-M.401.00

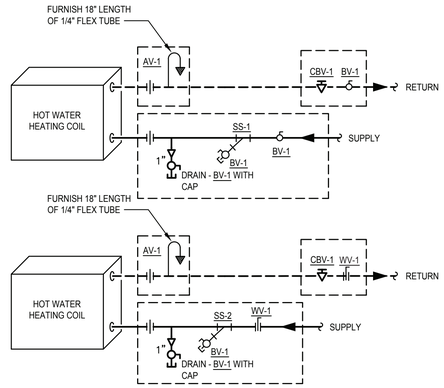


4 UV CONDENSATE DRAINAGE PIPING DIAGRAM

SCALE : NONE

NOTES:

1. PROVIDE CONDENSATE DRAIN THROUGH EXTERIOR WALL, EXPOSED DRAIN PIPE SHALL BE COPPER.
2. PENETRATIONS THROUGH WALL SHALL BE CORE DRILLED AND SEALED WATER & AIR TIGHT.
3. EXTREME CARE SHALL BE TAKEN WHILE LOCATING PENETRATION. COORDINATE WORK GENERAL CONTRACTOR FOR ALIGNMENT WITH MORTAR LINES.
4. REVIEW EXISTING WALL MORTAR CONDITIONS WITH GC PRIOR TO START OF WORK THROUGHOUT RENOVATED AREAS.

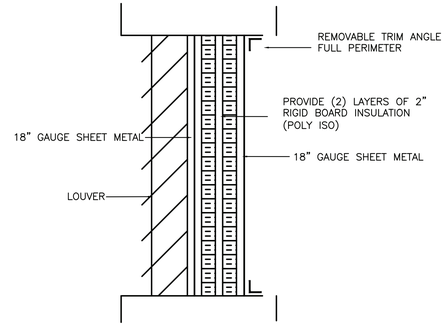


1 TYPICAL UV COIL PIPING DIAGRAM

SCALE : NONE

NOTES:

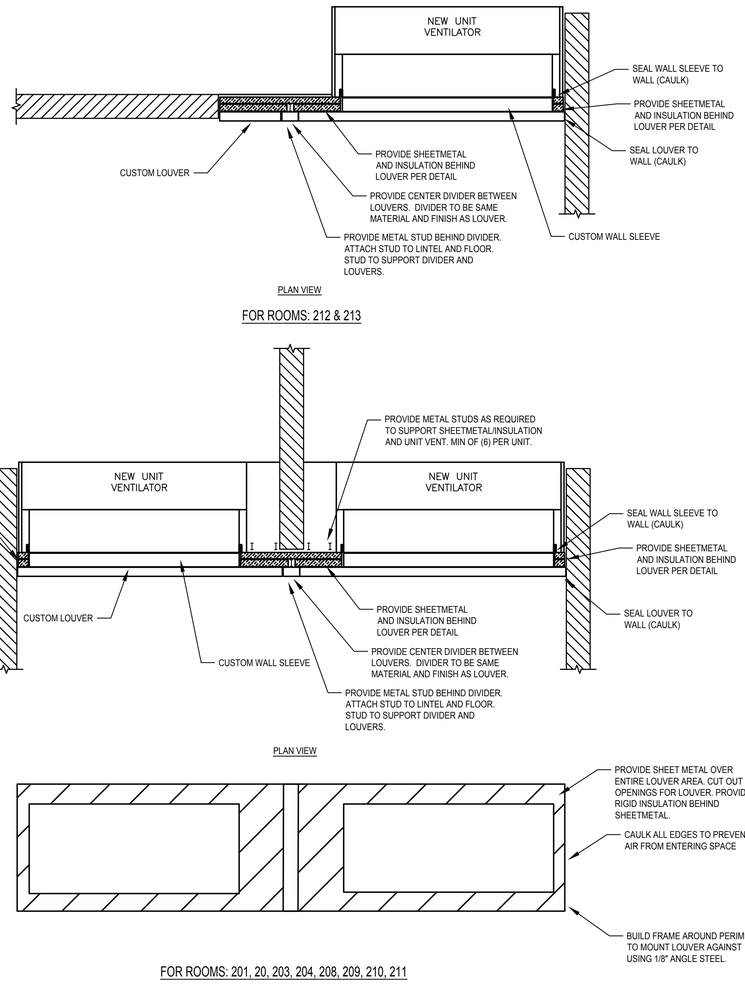
1. FCV SIZED TO MATCH FLOW.
2. PROVIDE UNIONS ON COIL AND CONTROL VALVE CONNECTIONS.
3. AREAS SHOWN IN DASHED BOXES WILL BE ALLOWED FOR COIL KITS.
4. COILS KITS THAT ARE SUPPLIED WITH FLEXIBLE HOSES WILL BE REJECTED WITHOUT REVIEW.



2 LOUVER AND INSULATION DETAIL

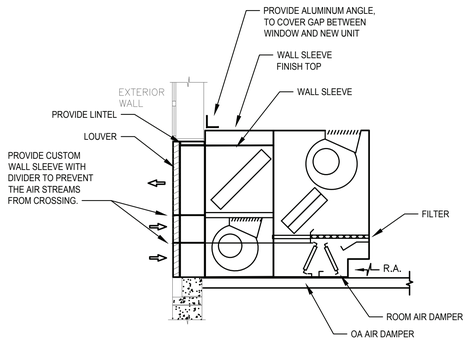
SCALE : NONE

BLANK OFF INACTIVE LOUVER AS SHOWN.



FOR ROOMS: 212 & 213

FOR ROOMS: 201, 20, 203, 204, 208, 209, 210, 211

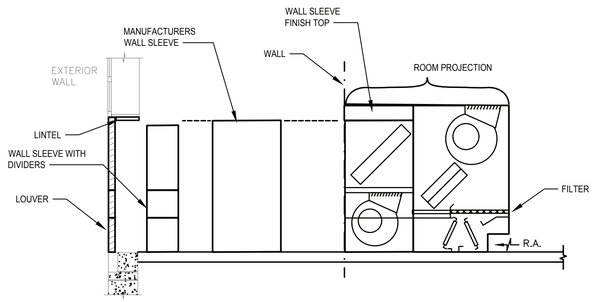


ELEVATION VIEW

NOTE:

1. UNIT IS TO BE INSTALLED TIGHT AGAINST OUTSIDE WALL WITH MANUFACTURERS WALL SLEEVE FULLY INTO ROOM. PROVIDE CUSTOM WALL SLEEVE FROM UNIT VENT TO LOUVER. SLEEVE TO HAVE DIVIDER IN IT TO PREVENT THE AIR STREAMS FROM CROSSING. UNIT TO BE SEALED AGAINST OUTSIDE WALL SO NO OUTSIDE AIR ENTERS UNIT OR ROOM.
2. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

FOR ALL UNITS



ELEVATION VIEW

FOR ALL UNITS

3 UNIT VENTILATOR DETAIL

SCALE : NONE

GENERAL UNIT VENTILATOR INSTALLATION NOTES

1. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO INSURE THAT ALL AREAS OF THE UNIT VENTILATOR ARE COMPLETELY SEALED AND INSULATED TO THE OUTSIDE AIR INTAKE.
2. AS WALL CONDITIONS VARY AT EACH INDIVIDUAL UNIT THIS CONTRACTOR MUST PROVIDE SAFING, INSULATION, SHEET METAL, AND ACCESSORIES REQUIRED TO SEAT UNIT VENTILATOR FIRMLY AGAINST THE WALL.
3. REFER TO PIPING DETAIL FOR WATER SPECIALTIES.
4. THE END COMPARTMENTS OF EACH UNIT VENTILATOR MUST BE COMPLETELY SEALED-OFF AND RE-INSULATED TO PREVENT ANY OUTSIDE AIR FROM ENTERING THE UNIT OR THE ROOM.
5. THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND ORDER THE CORRECT SIZE LOUVER
6. THIS CONTRACTOR IS RESPONSIBLE TO ENSURE THAT NO WATER ENTERS BUILDING AROUND NEW LOUVER. CAULK AS REQUIRED. IF JOINT IS LARGER THAN 1/4" CONTRACTOR SHALL PROVIDE A METAL BACKING MATERIAL BETWEEN LOUVER AND WALL AND THEN CAULK WEATHERTIGHT.
7. INSTALL PER MANUFACTURERS INSTRUCTIONS.

NOTE:

1. THE MC SHALL REMOVE AT LEAST (3) OF THE EXISTING LOUVERS, MEASURE THE WALL TO VERIFY THE WIDTH, HEIGHT AND DEPTH AND RE-INSTALL THE LOUVER AT THE START OF THE PROJECT BEFORE ANY SUBMITTALS HAVE BEEN SENT TO VERIFY WALL CONSTRUCTION AND WALL SLEEVE DEPTH. CONTRACTOR TO VERIFY ALL LOUVERS IN FIELD PRIOR TO SUBMITTALS.
2. THE CONTRACTOR SHALL INSTALL ONE UNIT AND HAVE THE OWNER AND ENGINEER REVIEW THE INSTALLATION BEFORE THE OTHER UNITS ARE INSTALLED.

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DESCRIPTION
HVAC Details and Diagrams

O-M.601.00