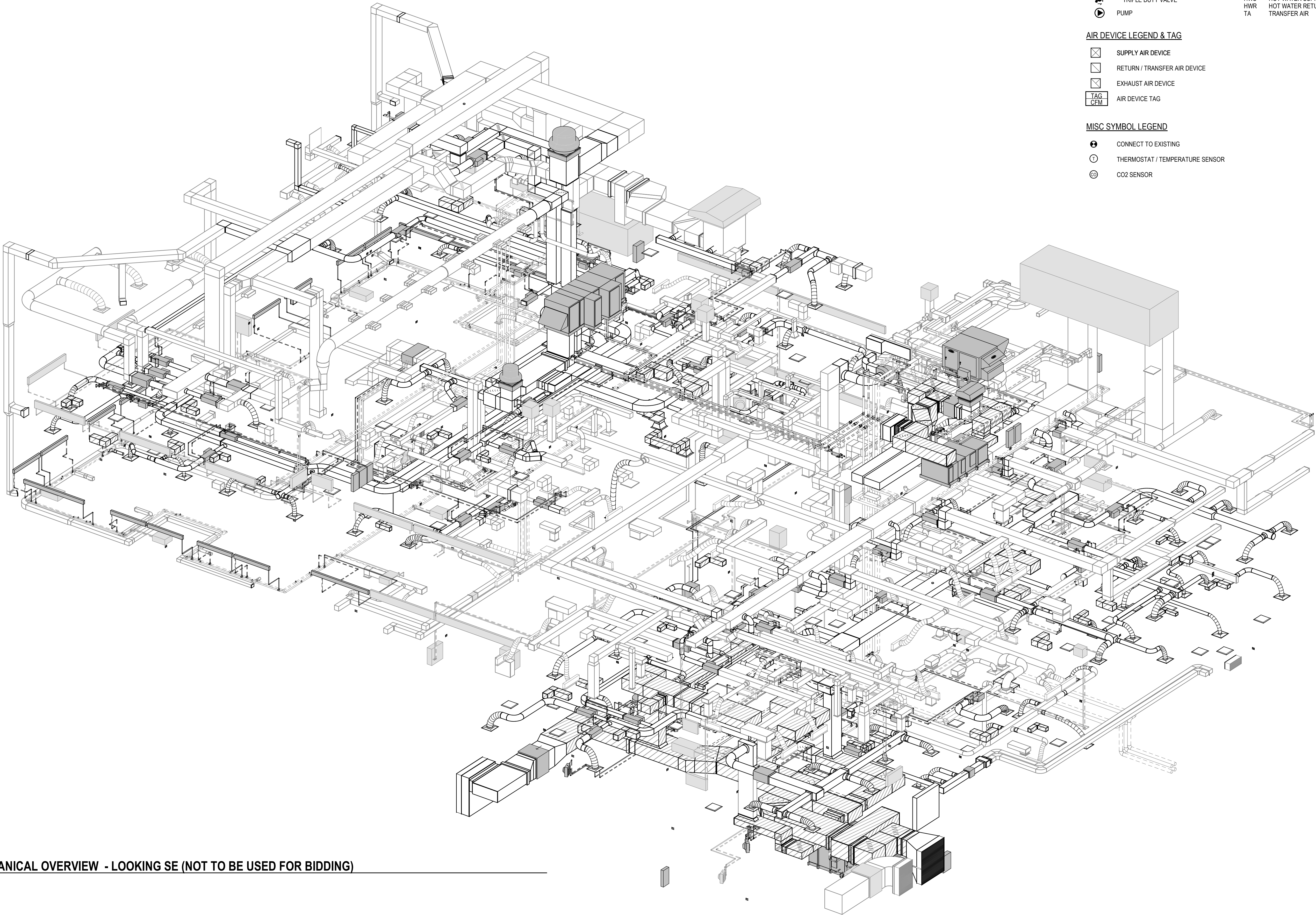




1
M001
MECHANICAL OVERVIEW - LOOKING SE (NOT TO BE USED FOR BIDDING)
SCALE: NTS

MECHANICAL SYMBOLS AND ABBREVIATIONS

MECHANICAL SYMBOL LEGEND

	SA OR OA DUCT RISER
	SA OR OA DUCT DROP
	RA OR TA DUCT RISER
	RA OR TA DUCT DROP
	EA DUCT RISER
	EA DUCT DROP
	TURNING VANES
	1\" LINED DUCT
	AUTOMATIC CONTROL DAMPER
	VOLUME DAMPER
	VAV TERMINAL UNIT

PIPING SYMBOL LEGEND

	PIPING TOP TAKE-OFF
	PIPING BOTTOM TAKE-OFF
	CAPPED PIPE
	AUTOMATIC CONTROL VALVE
	GATE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	BALANCE SHUT-OFF VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	PUMP

AIR DEVICE LEGEND & TAG

	SUPPLY AIR DEVICE
	RETURN / TRANSFER AIR DEVICE
	EXHAUST AIR DEVICE
	AIR DEVICE TAG

MISC SYMBOL LEGEND

	CONNECT TO EXISTING
	THERMOSTAT / TEMPERATURE SENSOR
	CO2 SENSOR

GENERAL ABBREVIATIONS

ACD	AUTOMATIC CONTROL DAMPER
ACV	AUTOMATIC CONTROL VALVE
AFT	ABOVE FINISH FLOOR
AMS	AIR MEASURING STATION
BAS	BUILDING AUTOMATION SYSTEM
BPV	BUTTERFLY VALVE
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BV	BALL VALVE
CBV	CALIBRATED BALANCING VALVE
CV	CHECK VALVE
DN	DOWN
EXH	EXHAUST
GV	GATE VALVE
HC	HEATING COIL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OED	OPEN ENDED DUCT
TCC	TEMPERATURE CONTROL CONTRACTOR
TDV	TRIPLE DUTY VALVE
TOD	TOP OF DUCT
TYP	TYPICAL
UC	UNDERCUT
VD	VOLUME DAMPER

AIR DEVICE TAG ABBREVIATIONS

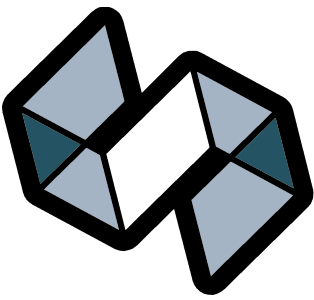
SD	SUPPLY DIFFUSER
SG	SUPPLY GRILLE
EG	EXHAUST GRILLE
RG	RETURN GRILLE
TG	TRANSFER GRILLE

SYSTEMS ABBREVIATIONS

COND	CONDENSATE DRAIN
CHS	CHILLED HOT WATER SUPPLY
CHR	CHILLED HOT WATER RETURN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
EA	EXHAUST AIR
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
TA	TRANSFER AIR

GENERAL MECHANICAL NOTES

- 1 PROVIDE VOLUME DAMPERS AT EACH BRANCH TAKE-OFF IN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK. LOCATE VOLUME DAMPERS AS CLOSE TO THE BRANCH TAKE-OFF AS POSSIBLE.
- 2 DUCT SIZE TO DIFFUSERS, REGISTERS AND GRILLES SHALL BE SAME SIZE AS NECK SIZE UNLESS OTHERWISE NOTED.
- 3 INLET DUCT SIZE TO SUPPLY AIR TERMINAL SHALL BE SAME AS INLET UNLESS OTHERWISE NOTED.
- 4 COORDINATE DIFFUSER, REGISTER, GRILLE AND ACCESS PANEL LOCATIONS WITH REFLECTED CEILING PLAN.
- 5 PROVIDE FLEXIBLE DUCTWORK FOR FINAL CONNECTIONS TO SUPPLY DIFFUSER AND GRILLES UNLESS OTHERWISE NOTED IN SPECIFICATIONS. FLEXIBLE DUCT SIZE SHALL BE SAME AS NECK SIZE OF DIFFUSER OR GRILLE. REFER TO SPECIFICATIONS FOR FLEXIBLE DUCT REQUIREMENTS. FLEXIBLE DUCTS ARE NOT ALLOWED ABOVE NON-ACCESSIBLE CEILINGS.
- 6 FLOOR PLANS INCLUDE PIPE ROUTING AND MAJOR VALVING. REFER TO FLOW DIAGRAMS, DETAILS, AND SPECIFICATIONS FOR ADDITIONAL VALVING AND PIPING SPECIALTIES.
- 7 INSTALL BRANCH HOT WATER PIPING WITH A MINIMUM OF THREE ELBOWS TO ALL TERMINAL HEATING DEVICES FOR EXPANSION AND CONTRACTION OF PIPING SYSTEM.
- 8 ALL CONTRACTORS SHALL FIELD VERIFY LAYOUT AND MANUFACTURERS INSTALLATION REQUIREMENTS FOR ACTUAL EQUIPMENT PROVIDED.
- 9 ALL CONTRACTORS SHALL COORDINATE LOCATIONS OF HVAC MAINS, BRANCHES, PIPING, ETC WITH ALL OTHER TRADES PRIOR TO INSTALLATION.
- 10 ALL ELEVATIONS NOTED ARE RELATIVE TO FINISHED FLOOR ELEVATION.
- 11 NO PIPING OR DUCTS SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT, UNLESS OTHERWISE NOTED. REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL EQUIPMENT LOCATIONS. COORDINATE WITH DIVISION 26 FOR EXACT LOCATIONS.
- 12 ALL WALL-MOUNTED GRILLES SHALL BE ALIGNED VERTICALLY AND HORIZONTALLY WHENEVER POSSIBLE.
- 13 AIR TERMINAL UNIT ACTUATOR AND CONTROLLER TO BE MOUNTED ON THE SAME SIDE AS REHEAT COIL PIPING. REHEAT COIL PIPING TO RUN ABOVE ACTUATOR AND CONTROLLER TO ALLOW ACCESS.
- 14 ECCENTRIC REDUCERS SHALL BE USED UNLESS NOTED OTHERWISE.
- 15 INSTALL ALL THERMOSTATS AND SENSORS AT THE SAME ELEVATION OF ELECTRICAL SWITCHES. COORDINATE EXACT LOCATIONS WITH ELECTRICAL ENGINEER AND ARCHITECT.
- 16 MAINTAIN ACCESS TO AIR TERMINAL BOX CONTROLLER AND REHEAT COIL PIPING CONNECTIONS. INSTALL AIR TERMINAL BOXES AT A HEIGHT THAT IS EASILY ACCESSED. DO NOT INSTALL THE TOP OF ANY AIR TERMINAL BOX HIGHER THAN 36" ABOVE THE FINISHED CEILING UNLESS NOTED OTHERWISE.
- 17 ALL CONTRACTORS SHALL COORDINATE FINAL LOCATION OF AIR TERMINAL UNIT, CASEWORK AND FURNITURE. ACCESS TO AIR TERMINAL UNITS SHALL BE IMMEDIATELY TO THE SIDE OF EACH UNIT AS INDICATED.
- 18 OPEN ENDED DUCT (OED) SHALL BE COVERED WITH WIRE MESH SCREEN.
- 19 PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL DUCTWORK CONNECTIONS TO AIR HANDLING UNITS, RETURN FANS AND EXHAUST FANS.
- 20 REFER TO STRUCTURAL PLANS FOR LOCATIONS OF PENETRATIONS THROUGH ROOF, WALLS, AND FLOORS.



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PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

MECHANICAL
SYMBOLS,
ABBREVIATIONS AND
GENERAL NOTES

SHEET NO.

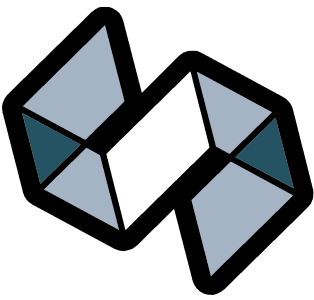
M001

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102 REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 103 REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, INLINE PUMP, SUPPORTS, AND HANGERS.
- 104 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 106 REMOVE EXISTING LOUVER AND ASSOCIATED DUCTWORK.
- 109 EXISTING LOUVER TO REMAIN. PATCH INSIDE SURFACE WITH AN INSULATED SHEETMETAL PANEL.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 112 REMOVE EXISTING DUCT UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 113 REMOVE EXISTING PIPING UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.



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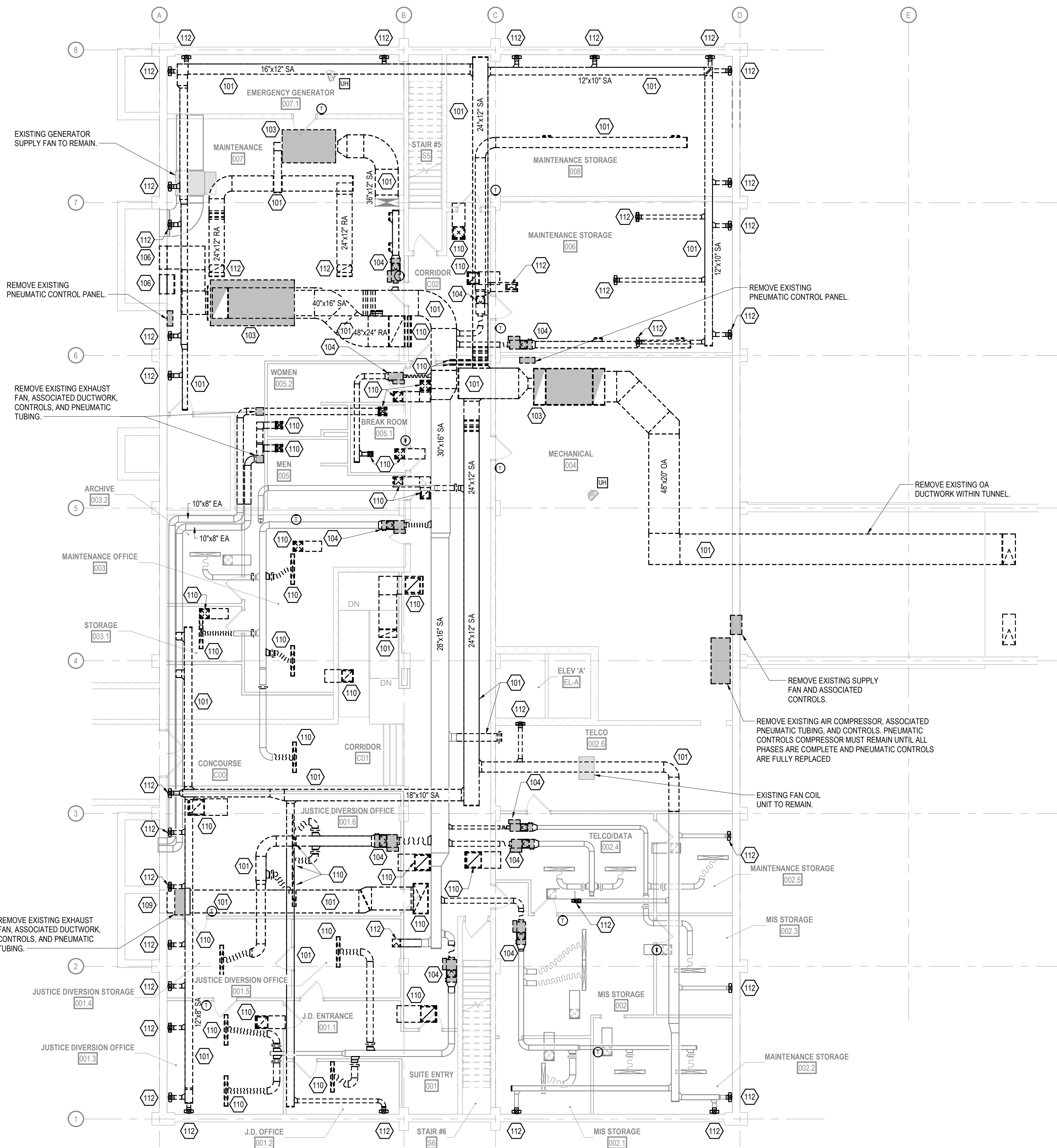
515 Oak St
Baraboo, WI 53913

SHEET NAME

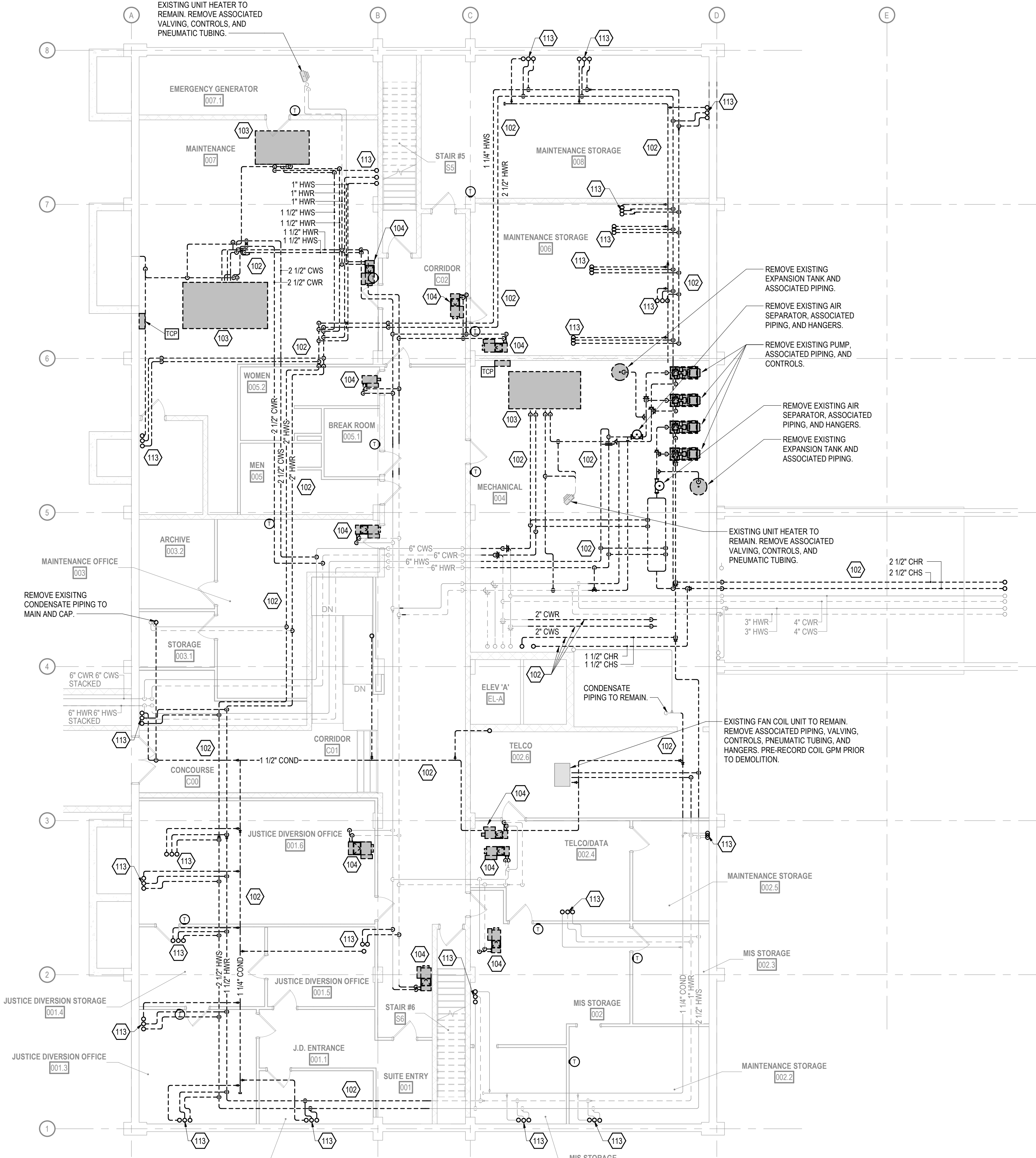
BASEMENT
MECHANICAL
DEMOLITION PLAN
(PHASE 1)

SHEET NO.

M100



1 BASEMENT MECHANICAL DUCTWORK DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



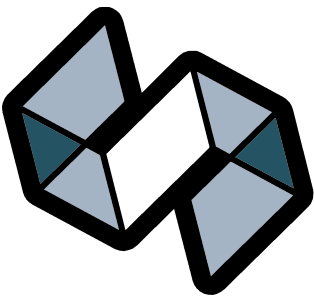
2 BASEMENT MECHANICAL PIPING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102 REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 103 REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, INLINE PUMP, SUPPORTS, AND HANGERS.
- 107 EXISTING SUPPLY GRILLE. COORDINATE PATCHING OF WALL OR FLOOR WITH THE GENERAL CONTRACTOR.
- 108 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED VENTILATION DUCT, PIPING, CONTROLS, AND HANGERS. COORDINATE PATCHING OF CEILING, WALLS, AND FLOOR WITH THE GENERAL CONTRACTOR.
- 109 EXISTING LOUVER TO REMAIN. PATCH INSIDE SURFACE WITH AN INSULATED SHEETMETAL PANEL.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 111 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED PIPING, HANGERS, AND CONTROLS.
- 112 REMOVE EXISTING DUCT UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 113 REMOVE EXISTING PIPING UP THROUGH THE FLOOR. COORDINATE PATCHING OF FLOOR WITH THE GENERAL CONTRACTOR.
- 116 REMOVE EXISTING CONDENSATE PUMP, ASSOCIATED PIPING, HANGERS, AND CONTROLS.



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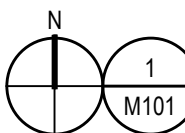
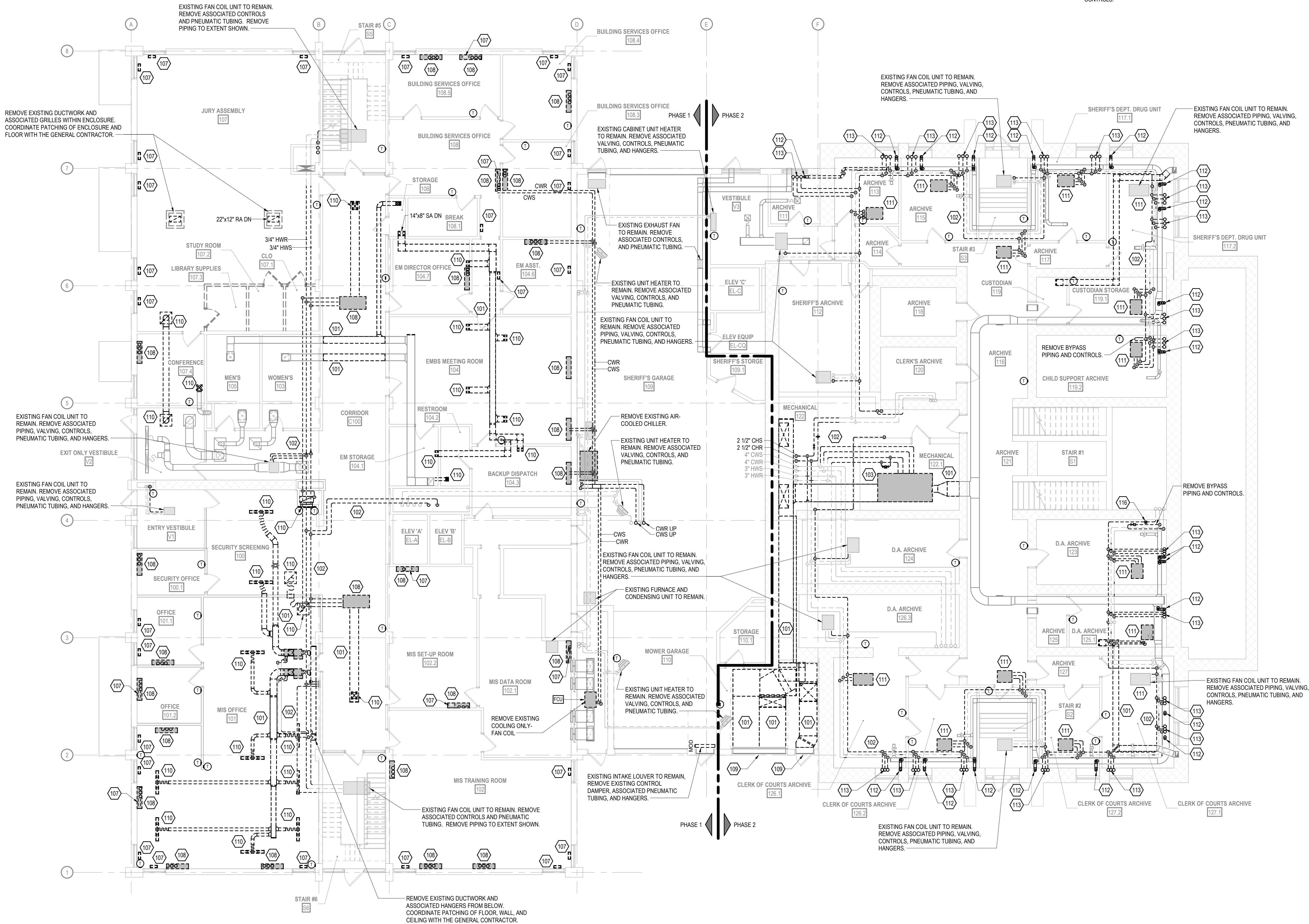
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SHEET NAME

FIRST FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 1 & 2)

SHEET NO.

M101



FIRST FLOOR MECHANICAL DEMOLITION PLAN

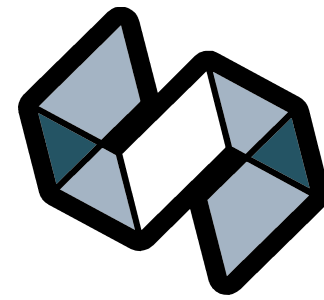
SCALE: 1/8" = 1'-0"

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 102 REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
- 104 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 108 REMOVE EXISTING FAN COIL UNIT, ASSOCIATED VENTILATION DUCT, PIPING, CONTROLS, AND HANGERS. COORDINATE PATCHING OF CEILING, WALLS, AND FLOOR WITH THE GENERAL CONTRACTOR.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 114 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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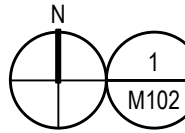
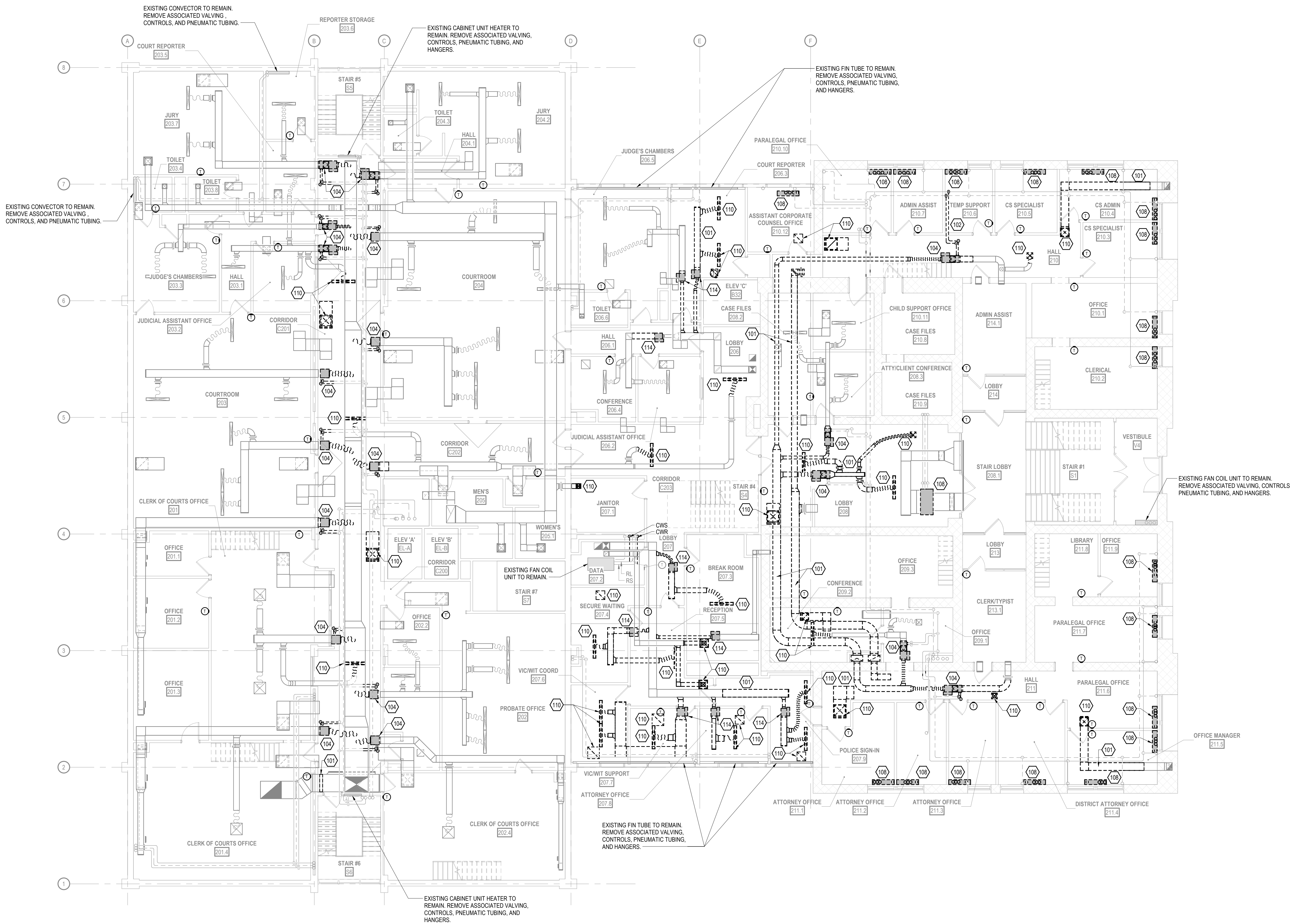
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SECOND FLOOR MECHANICAL DEMOLITION PLAN

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SHEET NAME

SECOND FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 2)

SHEET NO.

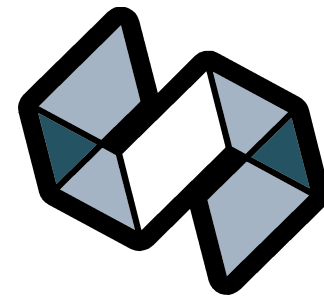
M102

GENERAL MECHANICAL DEMOLITION NOTES

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

SPECIFIC MECHANICAL DEMOLITION PLAN NOTES

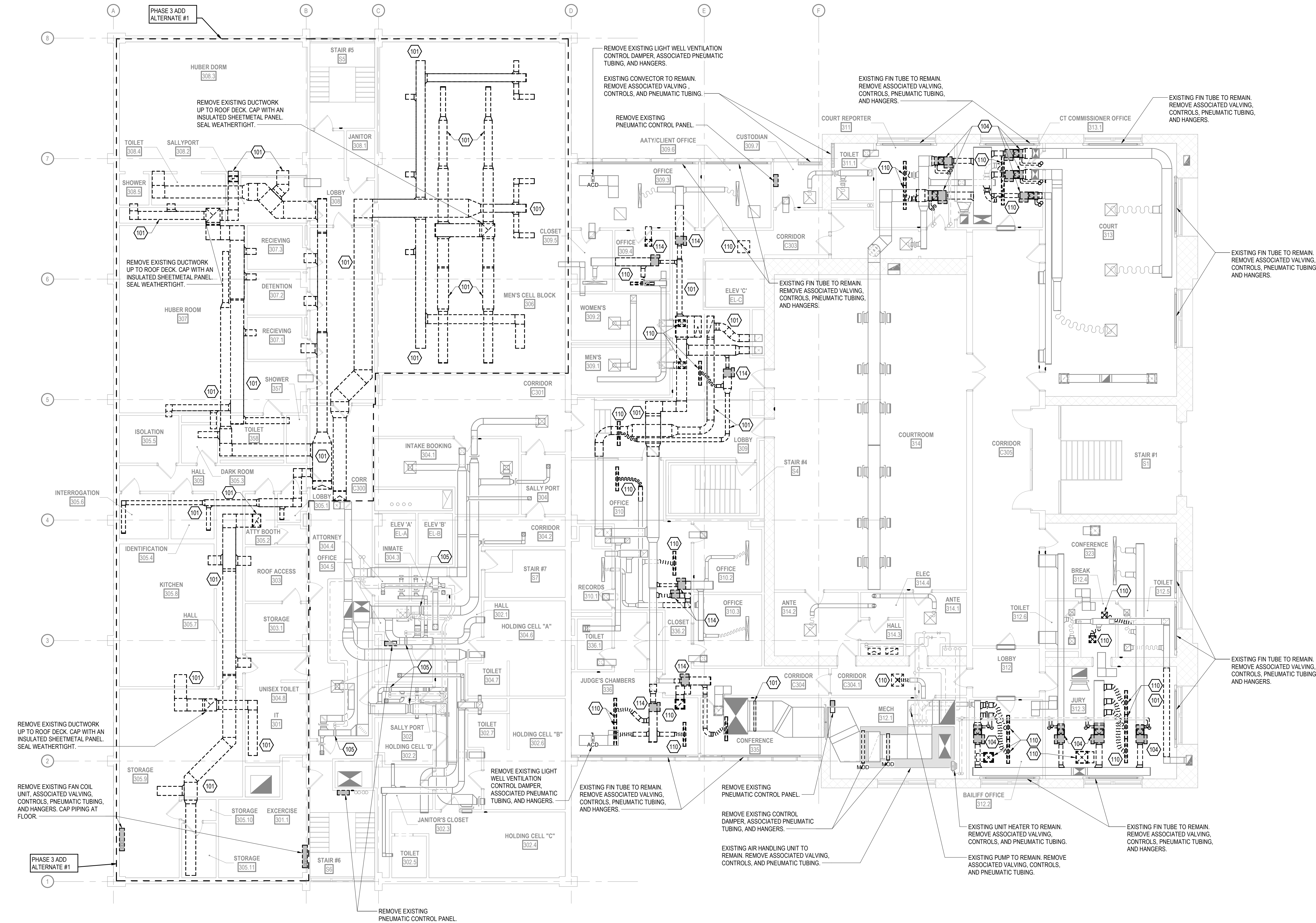
- 101 REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
- 104 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.
- 105 EXISTING BOOSTER COIL TO REMAIN. REMOVE ASSOCIATED VALVING, CONTROLS, PNEUMATIC TUBING, AND HANGERS.
- 110 REMOVE EXISTING GRILLE AND ASSOCIATED DUCTWORK.
- 114 REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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515 Oak St
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SHEET NAME
THIRD FLOOR
MECHANICAL
DEMOLITION PLAN
(PHASE 3)

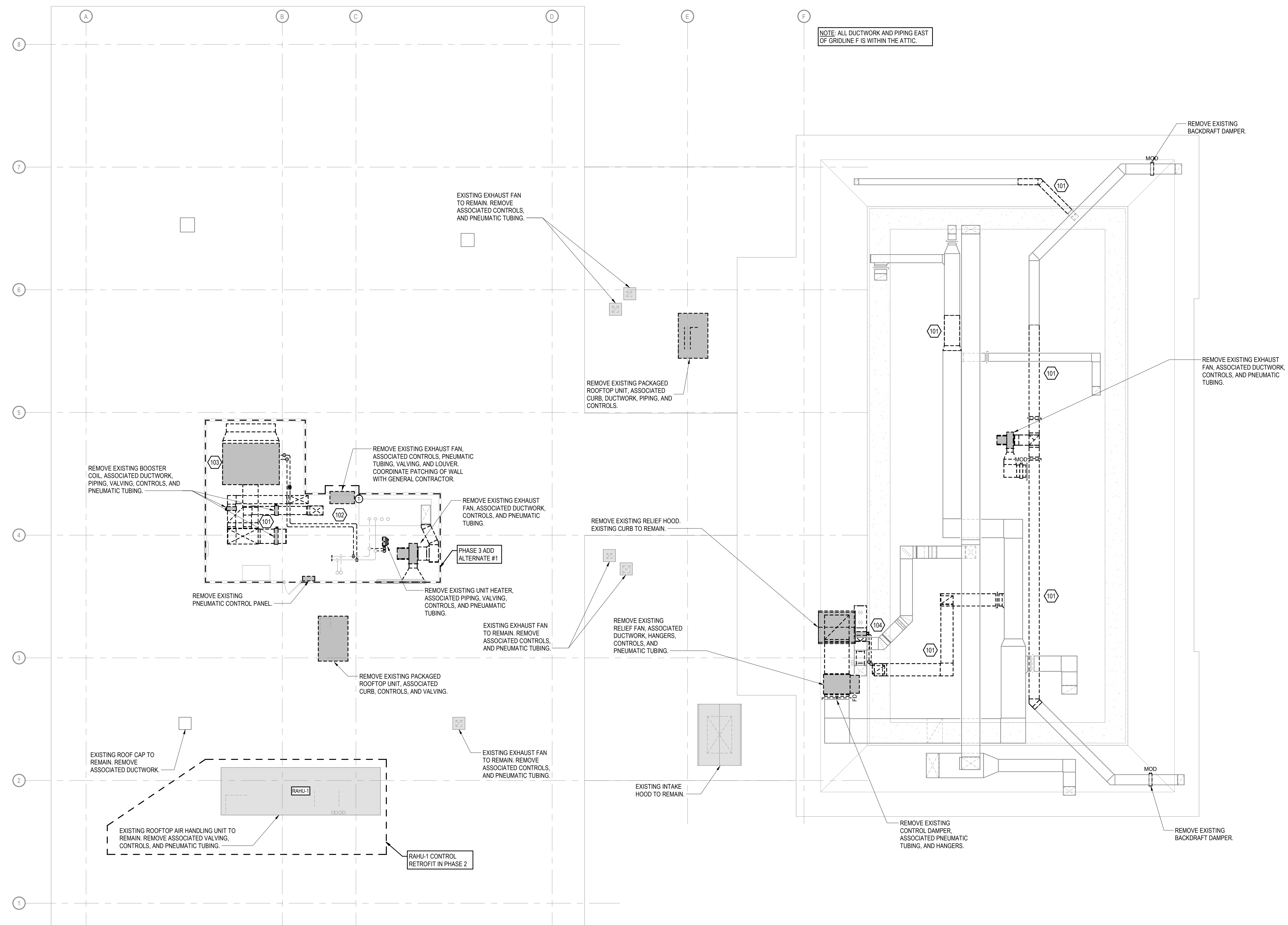
SHEET NO.

- 1 BOLD TEXT AND LINEWORK INDICATES SCOPE OF DEMOLITION.
- 2 DEMOLITION INCLUDES REMOVAL OF ALL CONTROL WIRING, VENTS, PIPING, HANGERS, SUPPORTS, AND ACCESSORIES ASSOCIATED WITH THE EQUIPMENT SHOWN TO BE REMOVED. CAP ABANDONED SERVICES BACK AT THE MAIN UNLESS NOTED OTHERWISE.
- 3 COORDINATE PATCHING OF OPENINGS REMAINING IN ROOF, WALLS, AND FLOORS WITH THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

101	REMOVE EXISTING DUCTWORK AND HANGERS TO POINT INDICATED.
102	REMOVE EXISTING PIPING AND HANGERS TO POINT INDICATED.
103	REMOVE EXISTING AIR HANDLING UNIT, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, IN-LINE PUMP, SUPPORTS, AND HANGERS.
104	REMOVE EXISTING VARIABLE AIR VOLUME BOX, ASSOCIATED DUCTWORK, PIPING, CONTROLS, PNEUMATIC TUBING, HANGERS, AND SUPPORTS.



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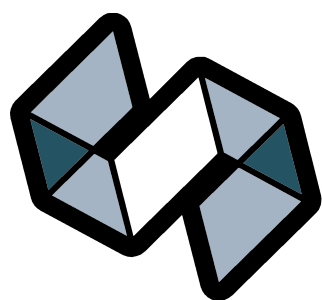
ROOF MECHANICAL
DEMOLITION PLAN
(PHASE 3)

SHEET NO.

SPECIFIC MECHANICAL PLAN NOTES

201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.

203 INSTALL NEW TRANSFER DUCT IN EXISTING WALL PENETRATION.



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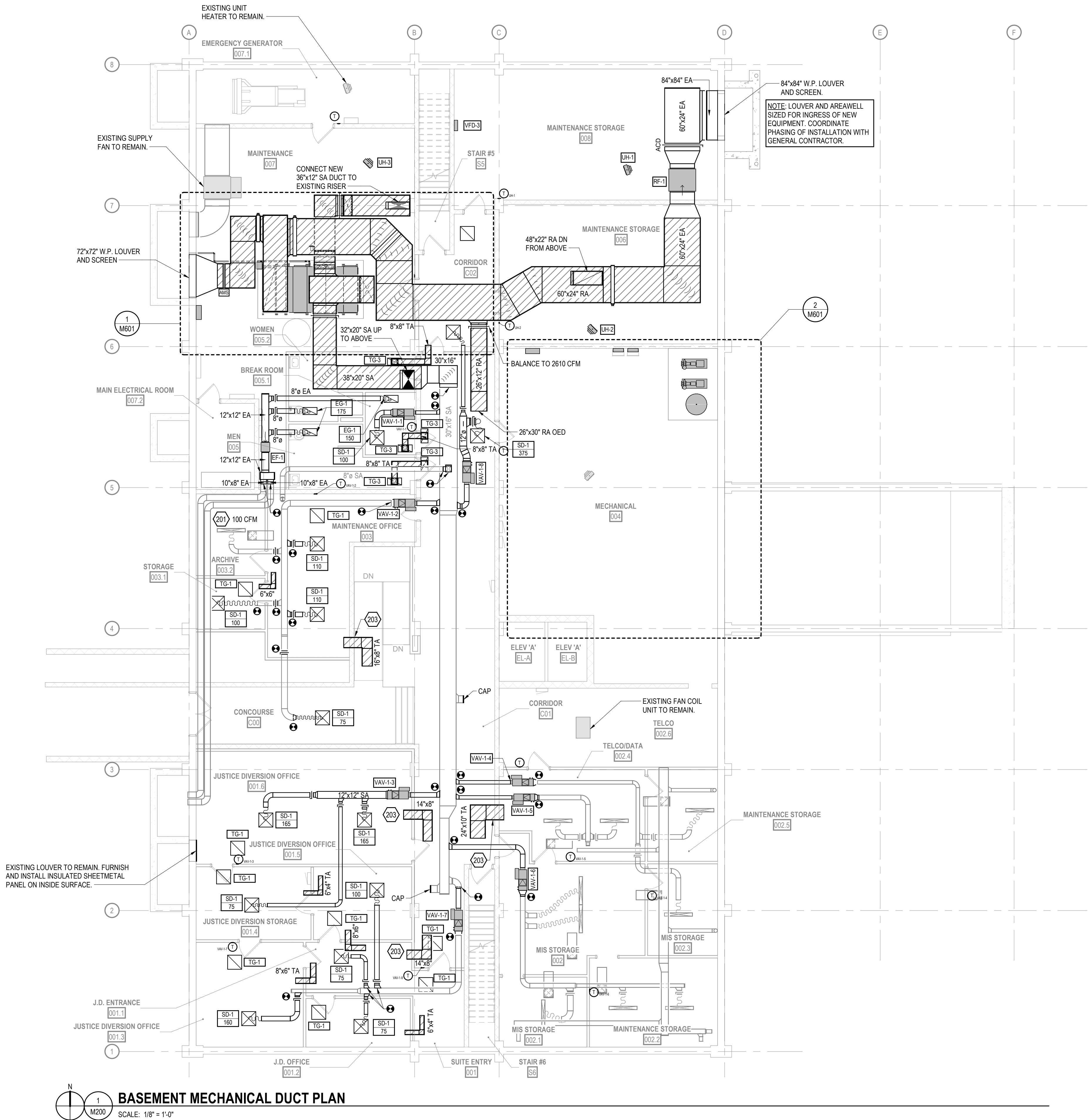
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SHEET NAME

BASEMENT
MECHANICAL PLAN
(PHASE 1)

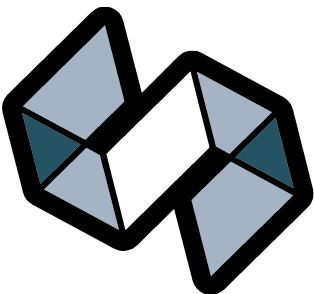
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M200



BASEMENT MECHANICAL DUCT PLAN

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



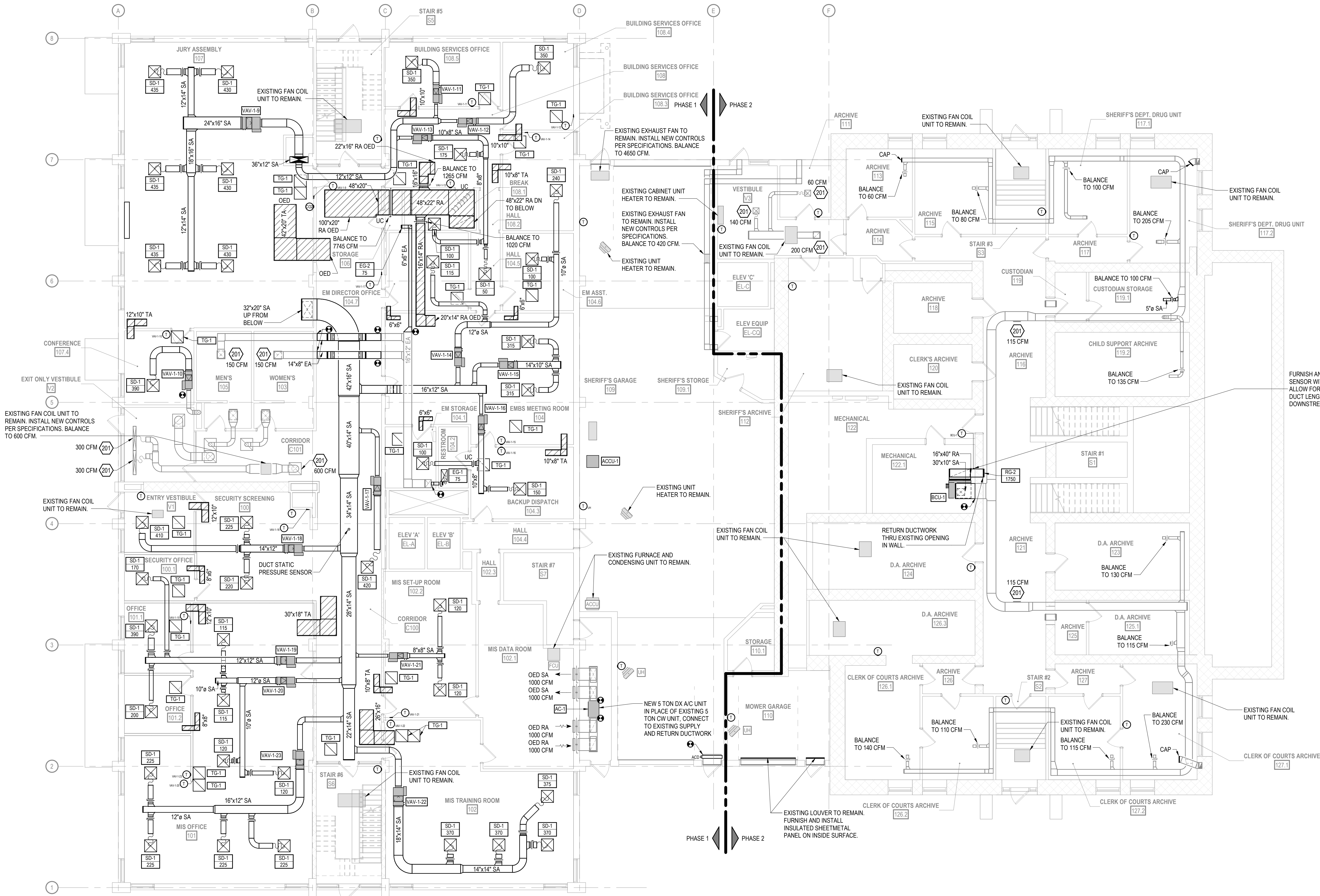
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FIRST FLOOR MECHANICAL DUCT PLAN
SCALE: 1/8" = 1'-0"

FURNISH AND INSTALL A TEMPERATURE SENSOR WITHIN THE RETURN AIR DUCT. ALLOW FOR A MINIMUM 36" OF STRAIGHT DUCT LENGTH UPSTREAM AND DOWNSTREAM OF SENSOR LOCATION.

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PROJECT TITLE
SAUK COUNTY COURTHOUSE HVAC AND LIGHTING UPGRADES

515 Oak St
Baraboo, WI 53913

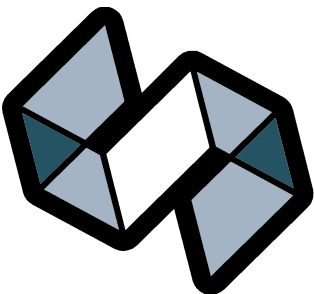
SHEET NAME
FIRST FLOOR MECHANICAL PLAN (PHASE 1 & 2)

SHEET NO.

M201

SPECIFIC MECHANICAL PLAN NOTES

- 201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.
- 202 TRANSITION AS SHOWN FROM VAV DISCHARGE DIMENSION TO EXISTING DUCT SIZE. VERIFY EXACT CONDITIONS ON SITE.
- 204 24"x18" SA DOWN FROM ABOVE.
- 205 24"x18" RA UP TO ABOVE.



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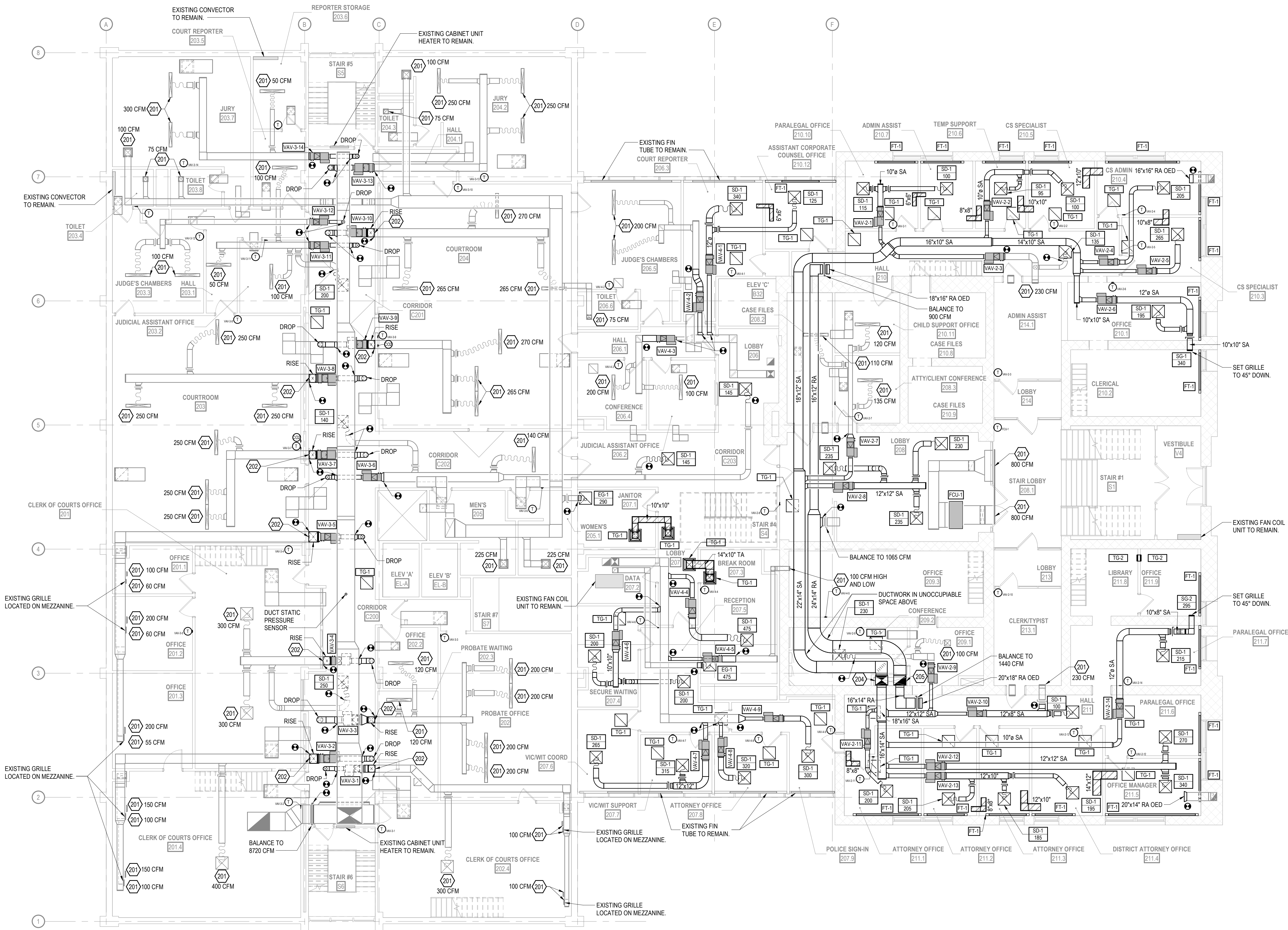
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1 SECOND FLOOR MECHANICAL DUCT PLAN
SCALE: 1/8" = 1'-0"

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PROJECT TITLE
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AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME
SECOND FLOOR
MECHANICAL PLAN
(PHASE 2)

SHEET NO.

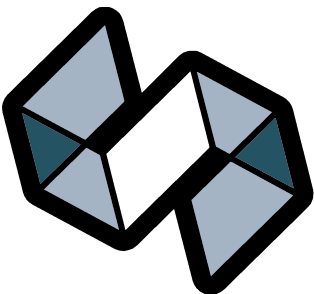
M202

SPECIFIC MECHANICAL PLAN NOTES

201 BALANCE EXISTING DIFFUSER, REGISTER, OR GRILLE TO CFM INDICATED.

204 24"x18" SA DOWN FROM ABOVE.

205 24"x18" RA UP TO ABOVE.



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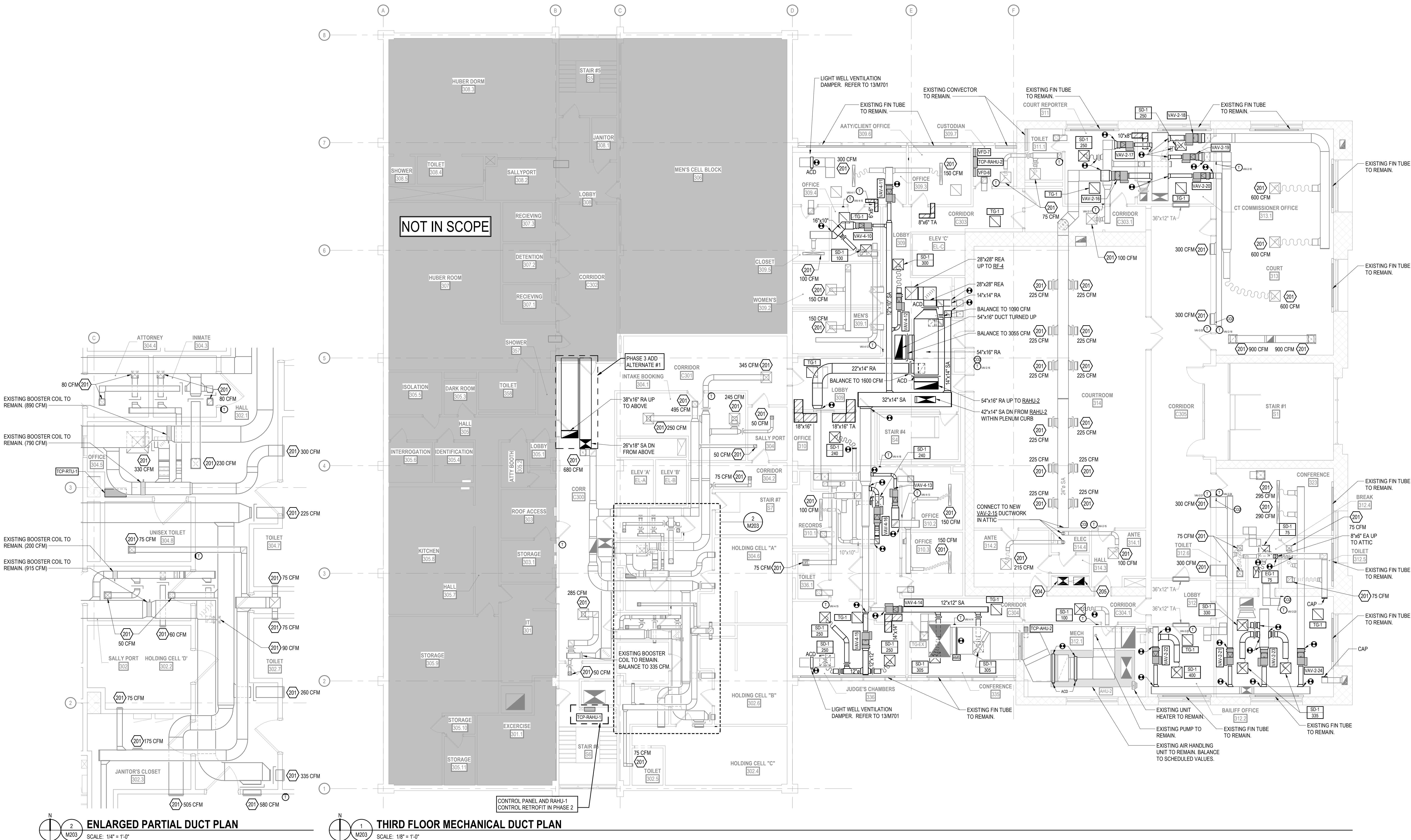
PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

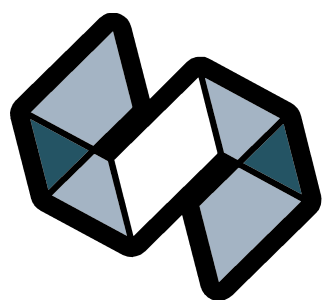
515 Oak St
Baraboo, WI 53913

SHEET NAME
THIRD FLOOR
MECHANICAL PLAN
(PHASE 3)

SHEET NO.

M203





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ENGINEERING
INTERIOR DESIGN

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DATE	08/31/2026
PROJECT NO.	2025012

PROJECT TITLE

SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

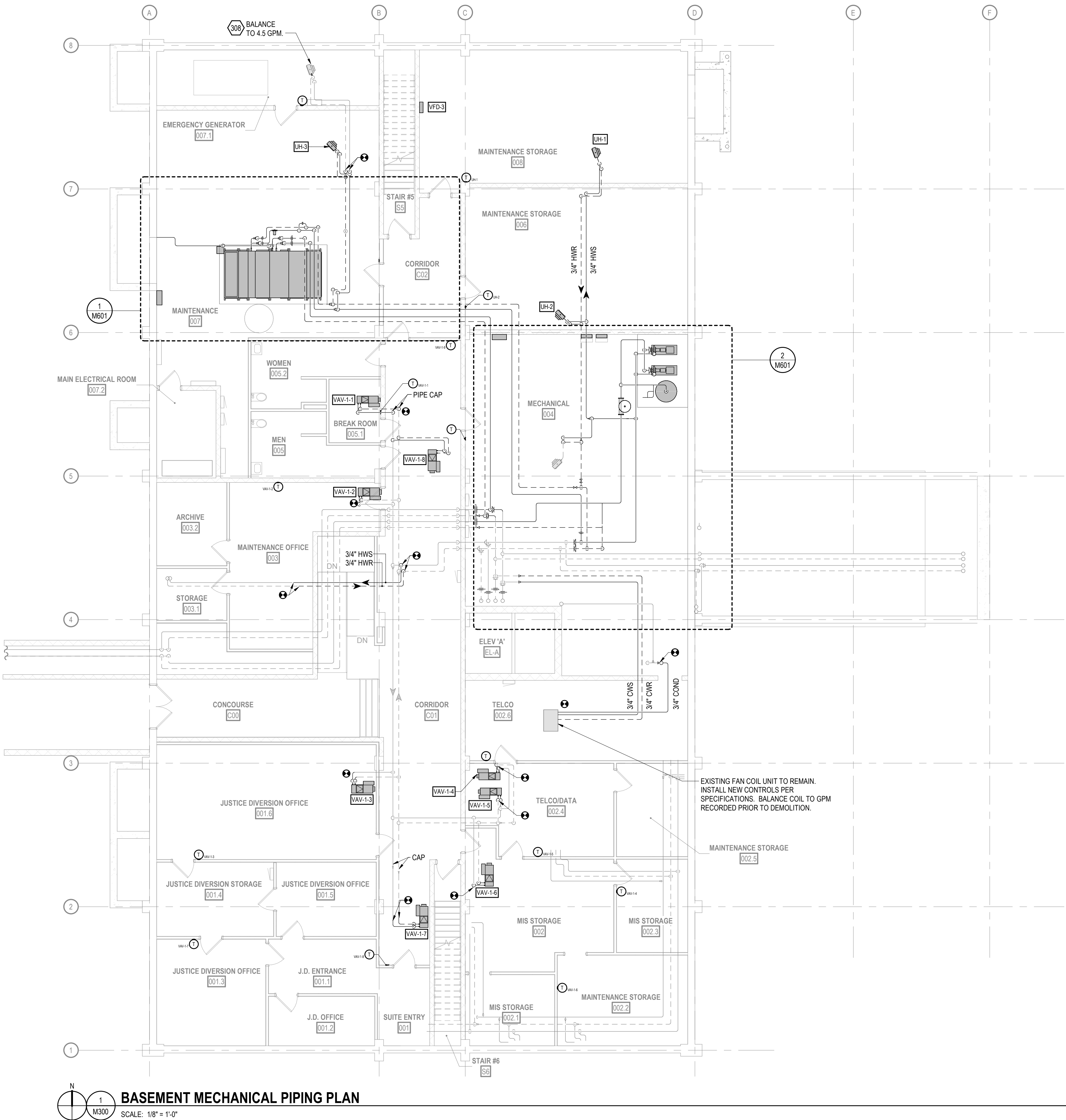
515 Oak St
Baraboo, WI 53913

SHEET NAME

BASEMENT
MECHANICAL PIPING
PLAN (PHASE 1)

SHEET NO.

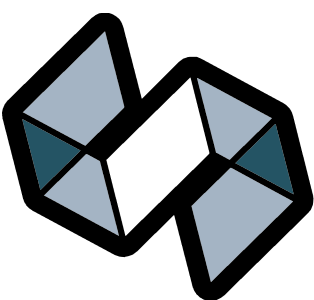
M300



BASEMENT MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 306 EXISTING CABINET UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 307 EXISTING FAN COIL UNIT TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 308 EXISTING UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 309 INSTALL 2" ISOLATION VALVES IN EXISTING HWS/R RISER UP TO 2ND FLOOR; ABOVE 1ST FLOOR BRANCH CONNECTIONS.



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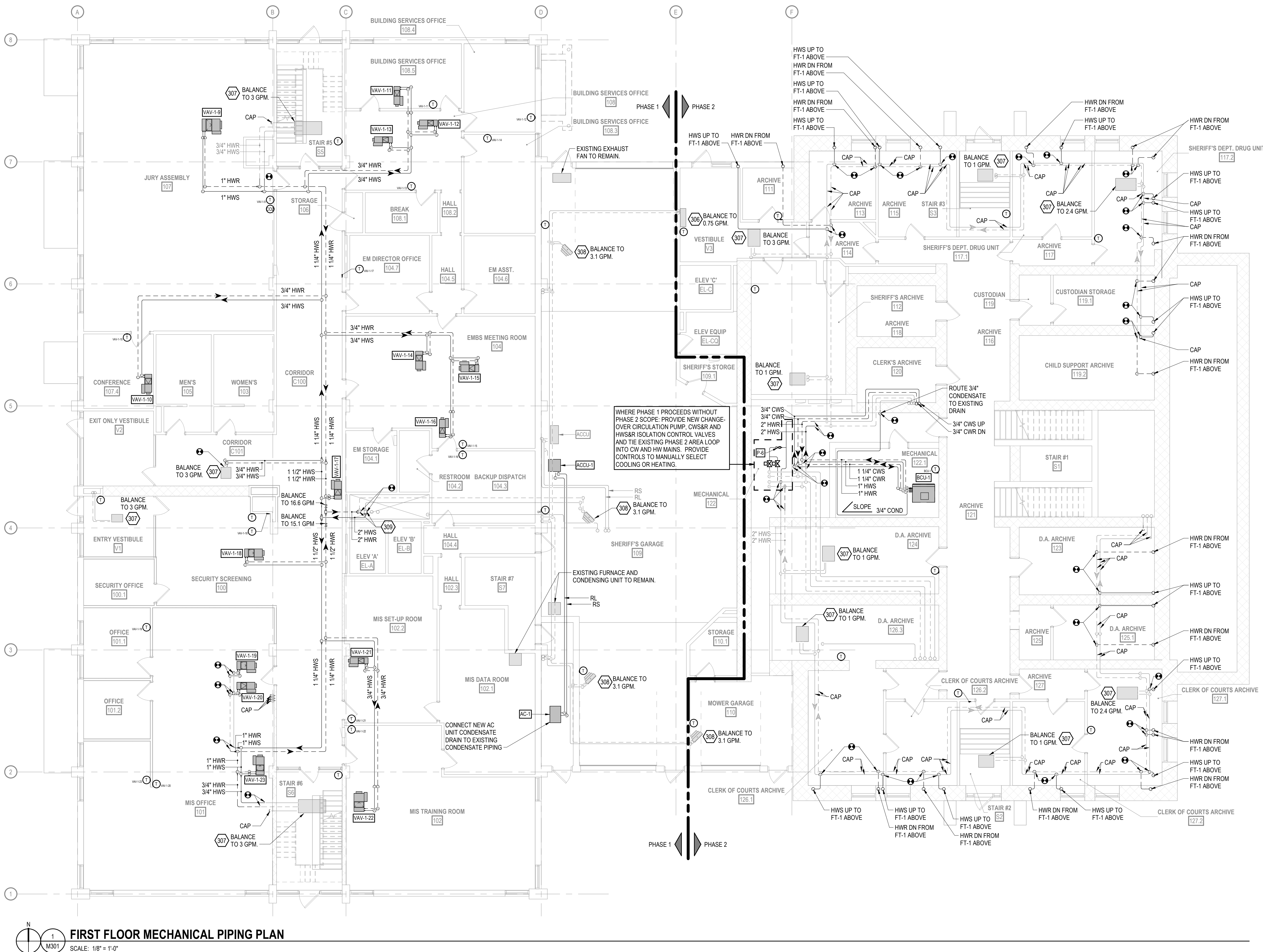
PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

FIRST FLOOR
MECHANICAL PIPING
PLAN (PHASE 1 & 2)

SHEET NO.

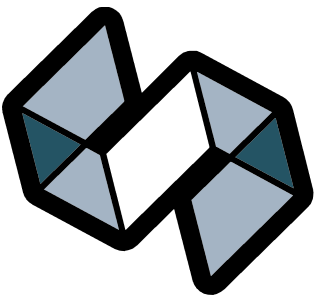


FIRST FLOOR MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

M301

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 301 EXISTING FIN TUBE TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 302 EXISTING CONVECTOR TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 306 EXISTING CABINET UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 307 EXISTING FAN COIL UNIT TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.



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PROJECT TITLE

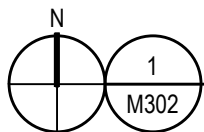
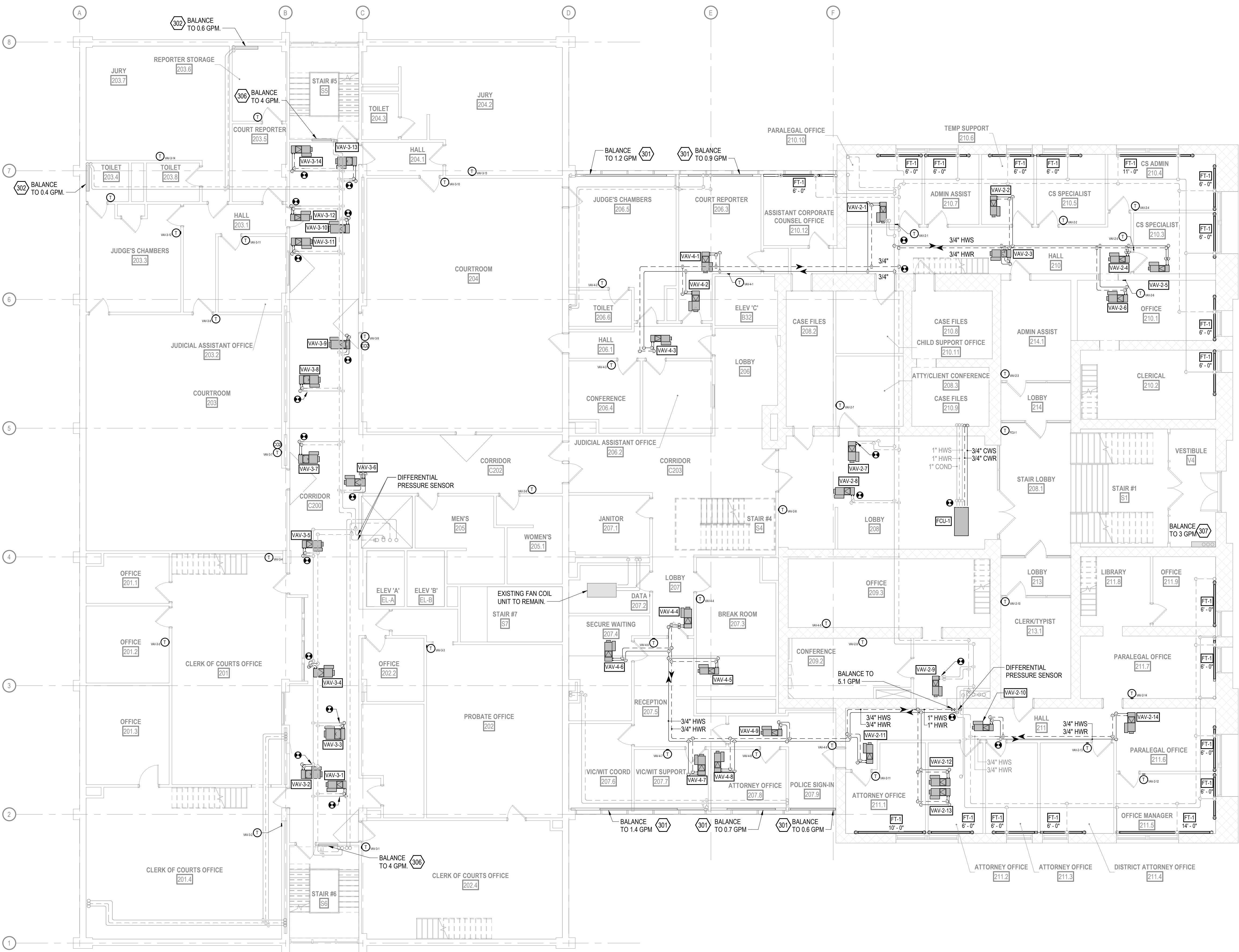
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

SECOND FLOOR
MECHANICAL PIPING
PLAN (PHASE 2)

SHEET NO.



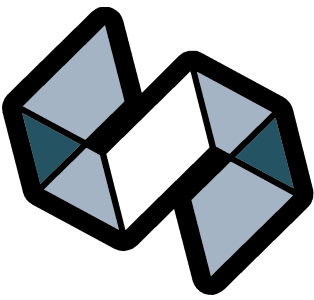
SECOND FLOOR MECHANICAL PIPING PLAN

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

M302

SPECIFIC MECHANICAL PIPING PLAN NOTES

- 301 EXISTING FIN TUBE TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 302 EXISTING CONVECTOR TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 303 RETROFIT EXISTING AHU-2 WITH DDC CONTROLS. REFER TO SCHEMATIC 3M701.
- 305 EXISTING HOT WATER REHEAT COIL TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.
- 308 EXISTING UNIT HEATER TO REMAIN. RETROFIT WITH NEW DDC CONTROLS. FURNISH AND INSTALL NEW CONTROL VALVE. BALANCE TO DISPLAYED GPM.



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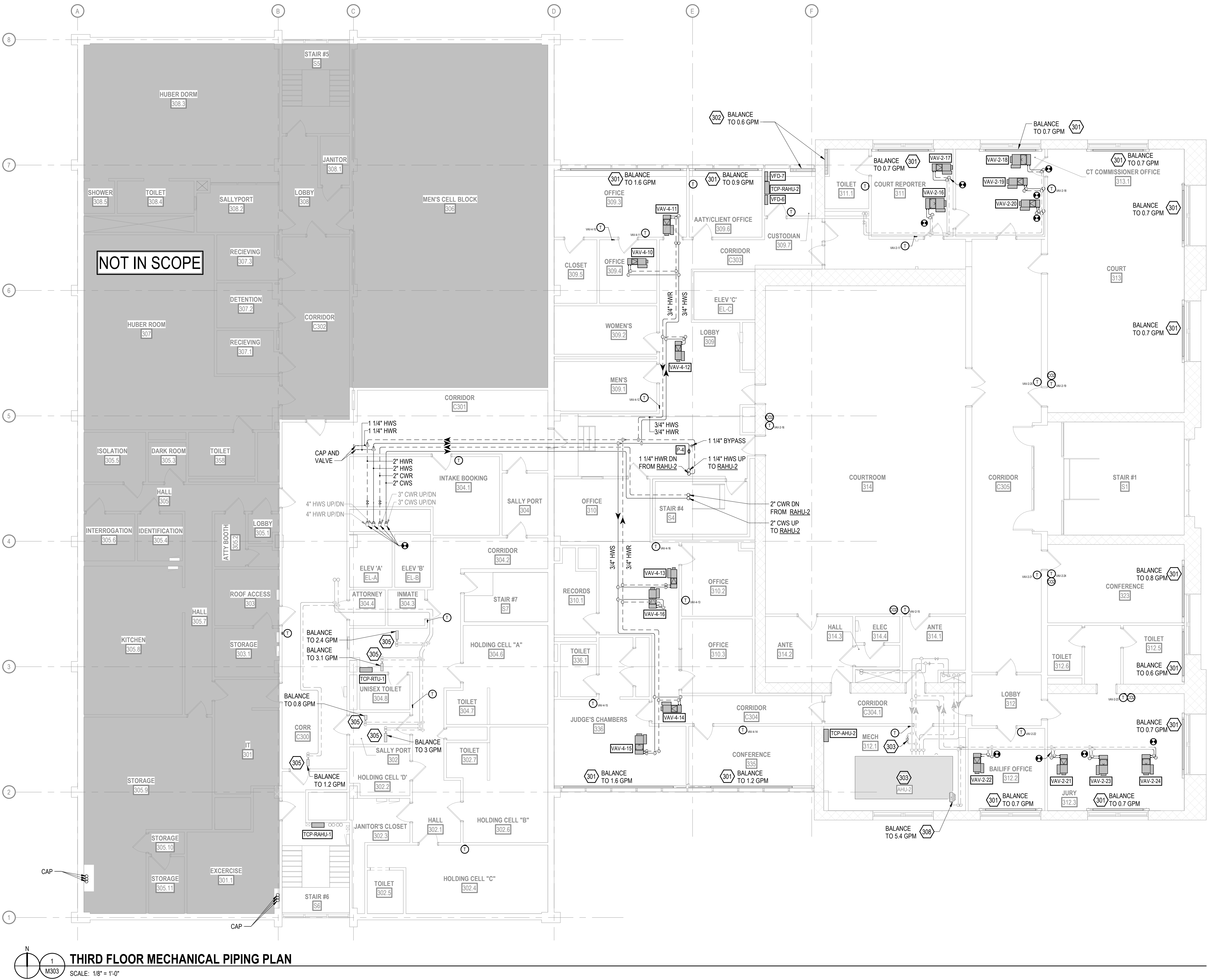
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME

THIRD FLOOR
MECHANICAL PIPING
PLAN (PHASE 3)

SHEET NO.



THIRD FLOOR MECHANICAL PIPING PLAN
SCALE: 1/8" = 1'-0"

M303



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PROJECT TITLE

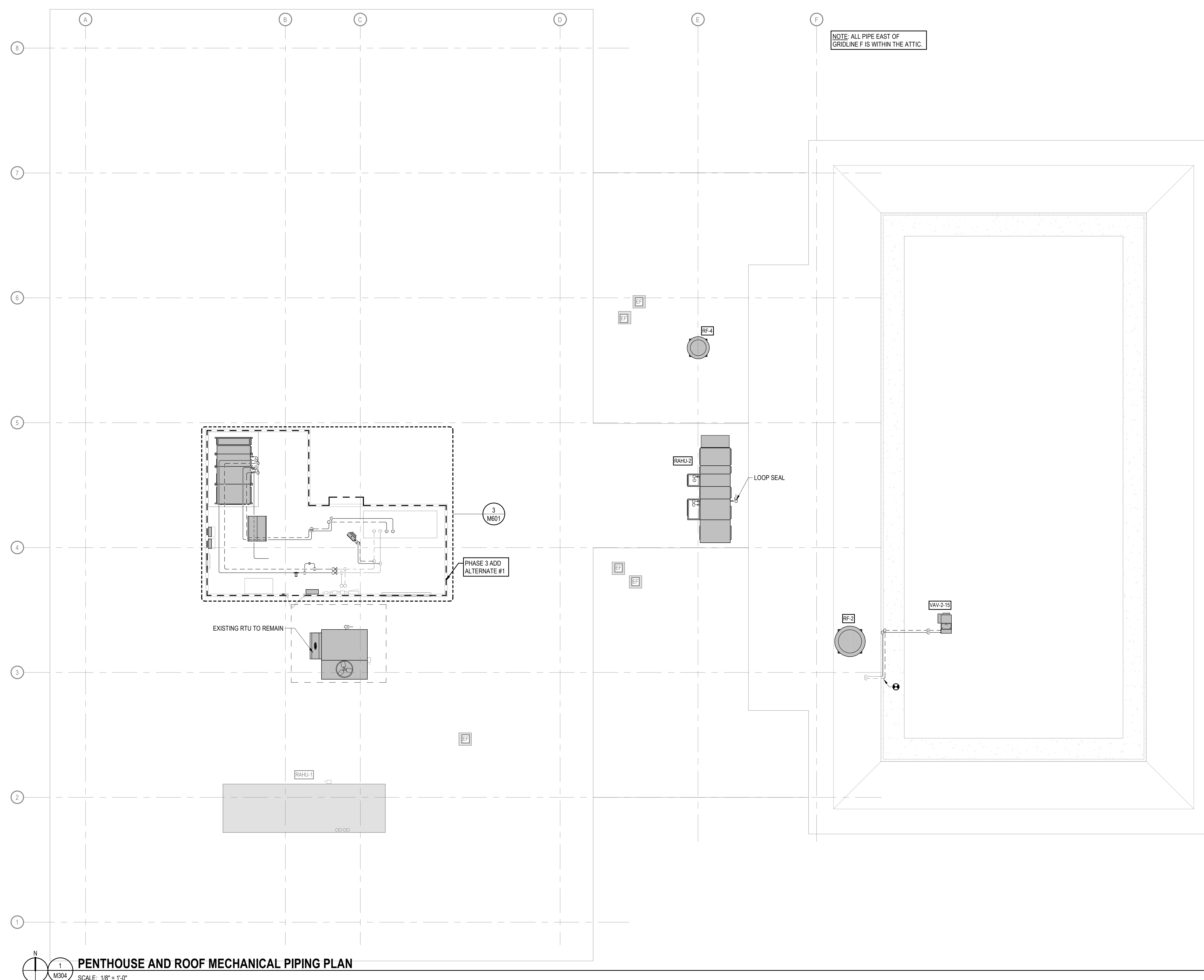
SAUK COUNTY COURTHOUSE HVAC AND LIGHTING UPGRADES

515 Oak St
Baraboo, WI 53913

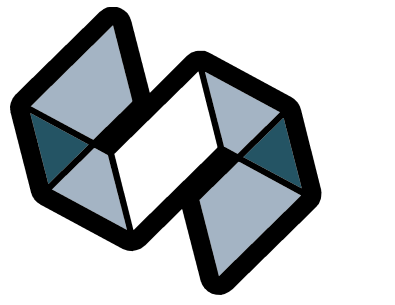
SHEET NAME

ROOF MECHANICAL
PIPING PLAN
(PHASE 3)

SHEET NO.



M304



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DATE	08/31/2026
PROJECT NO.	2025012

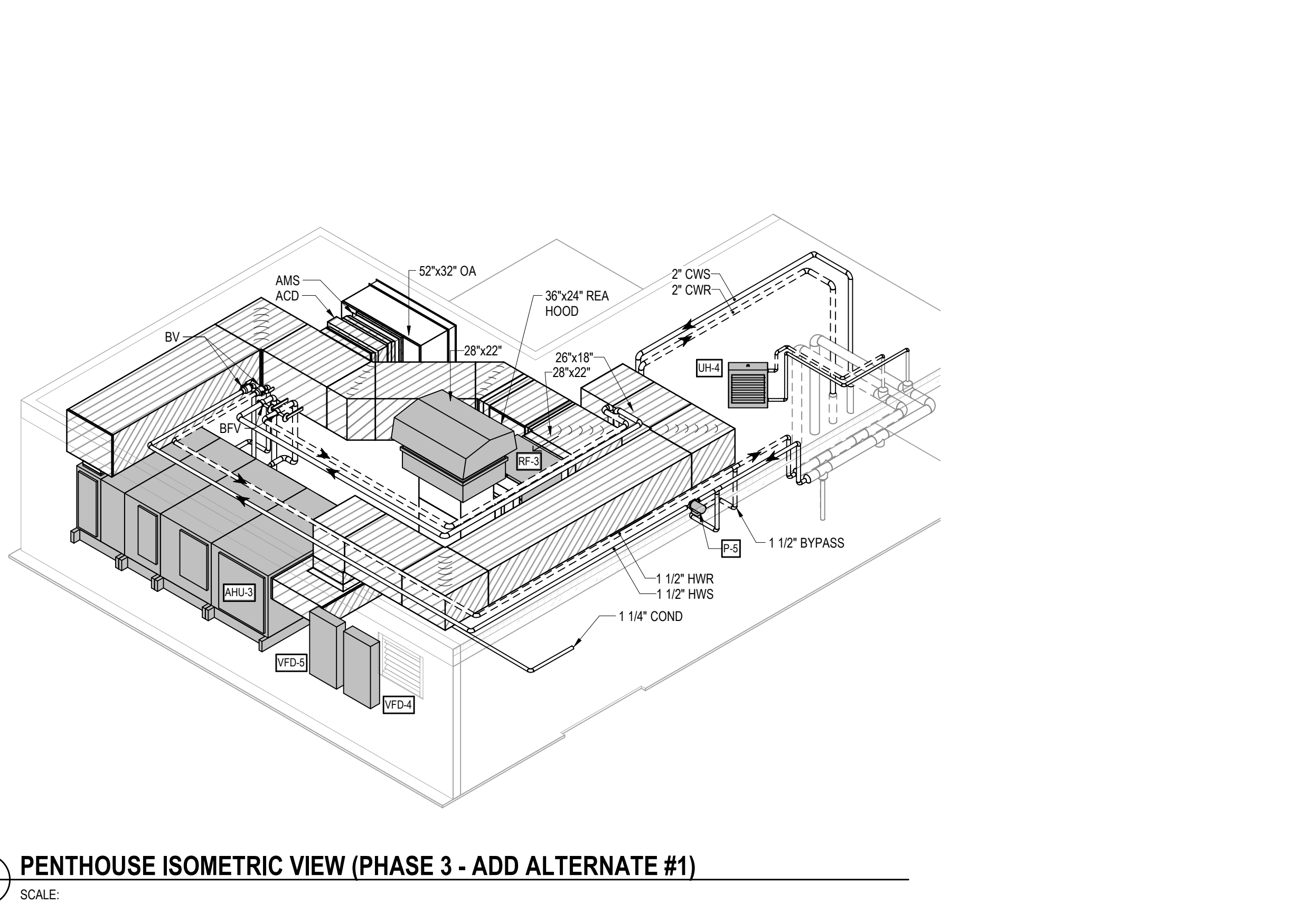
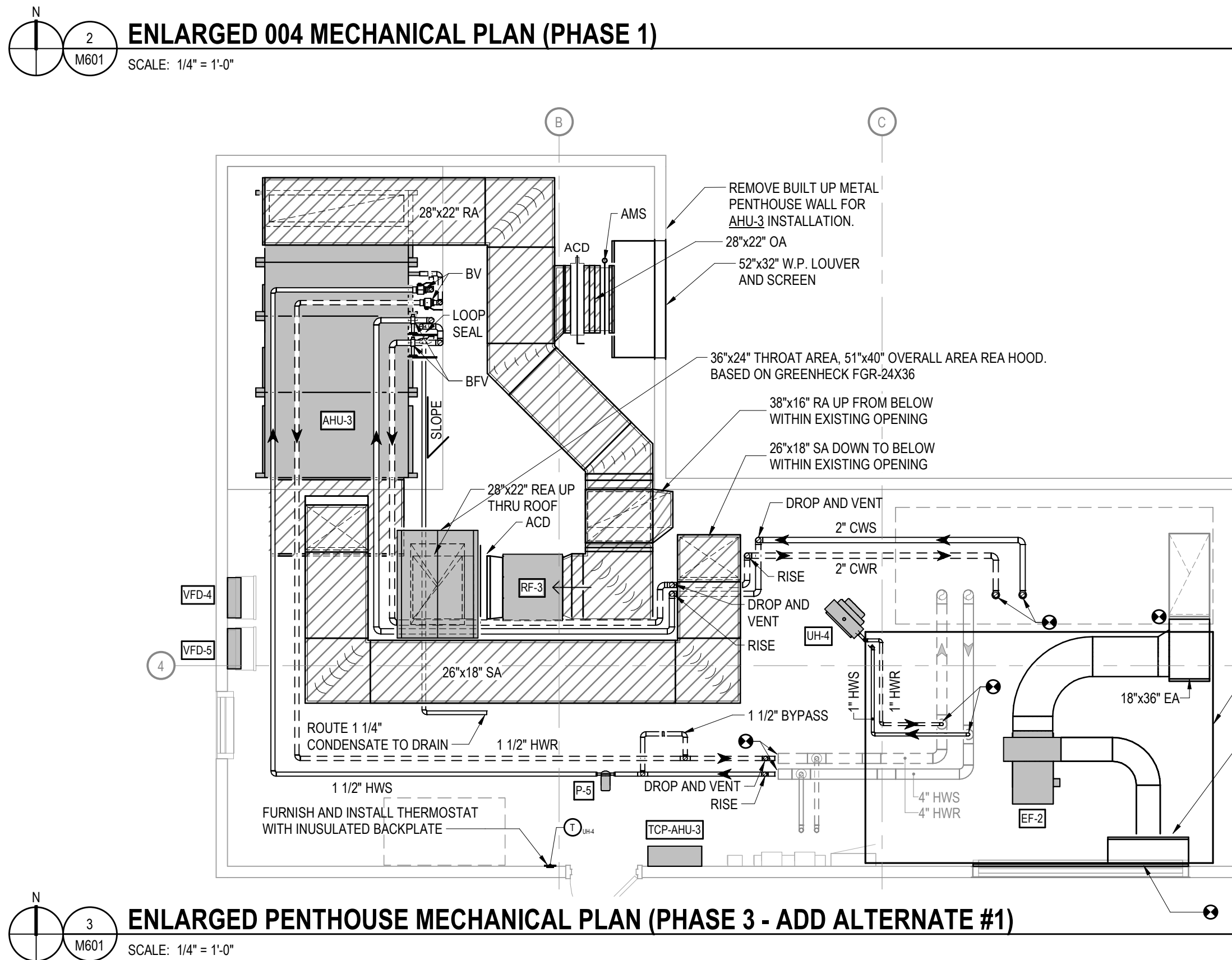
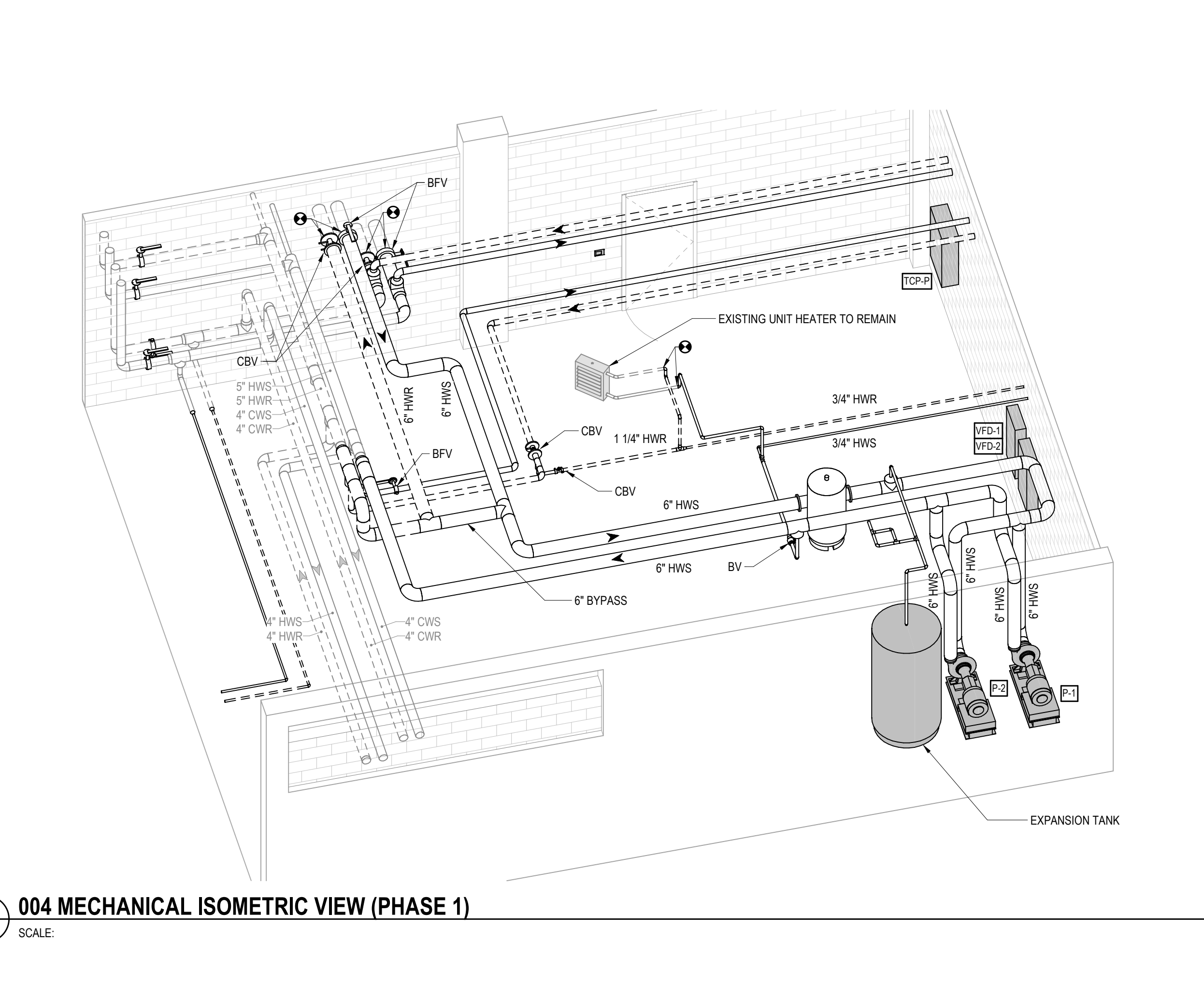
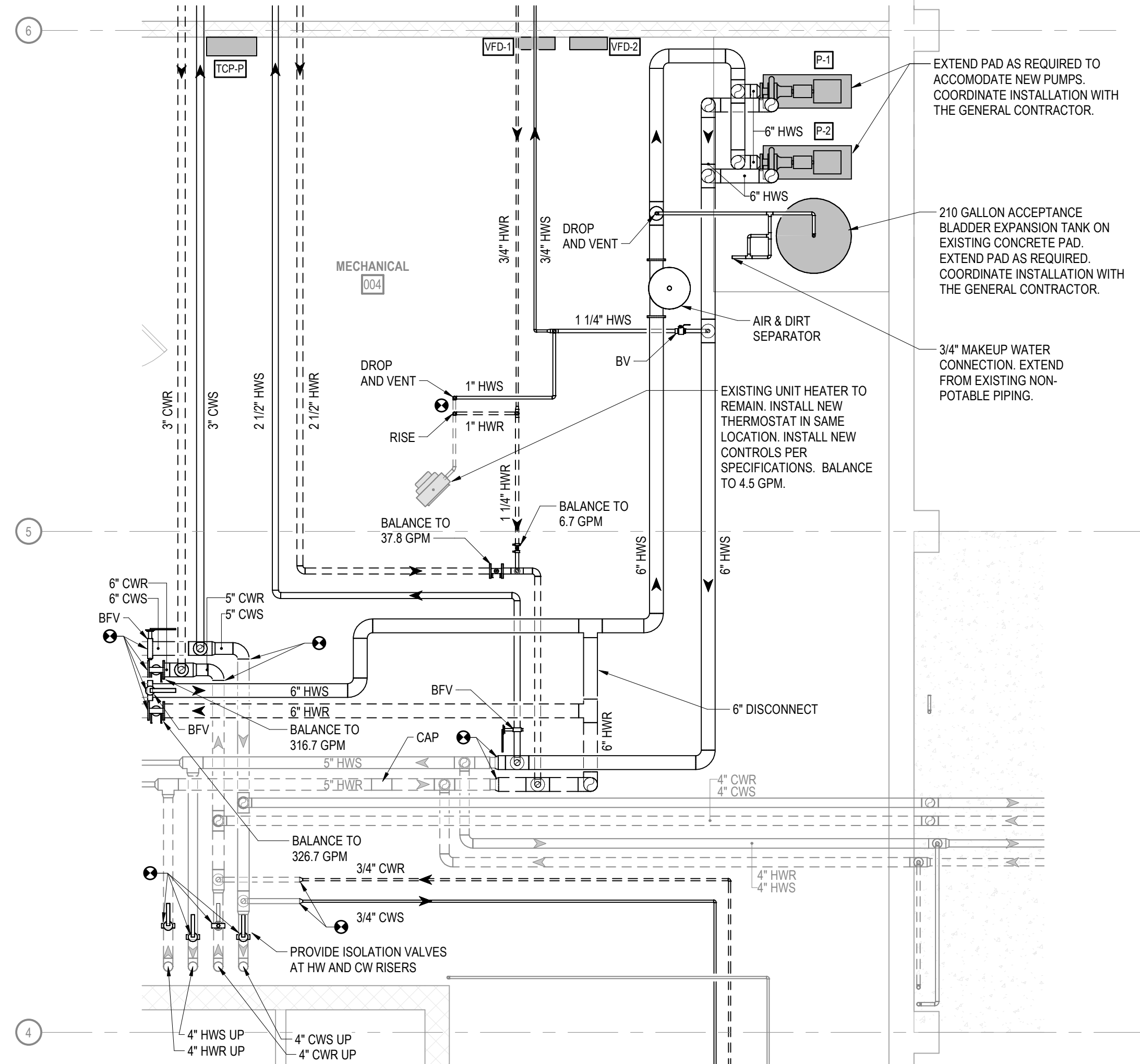
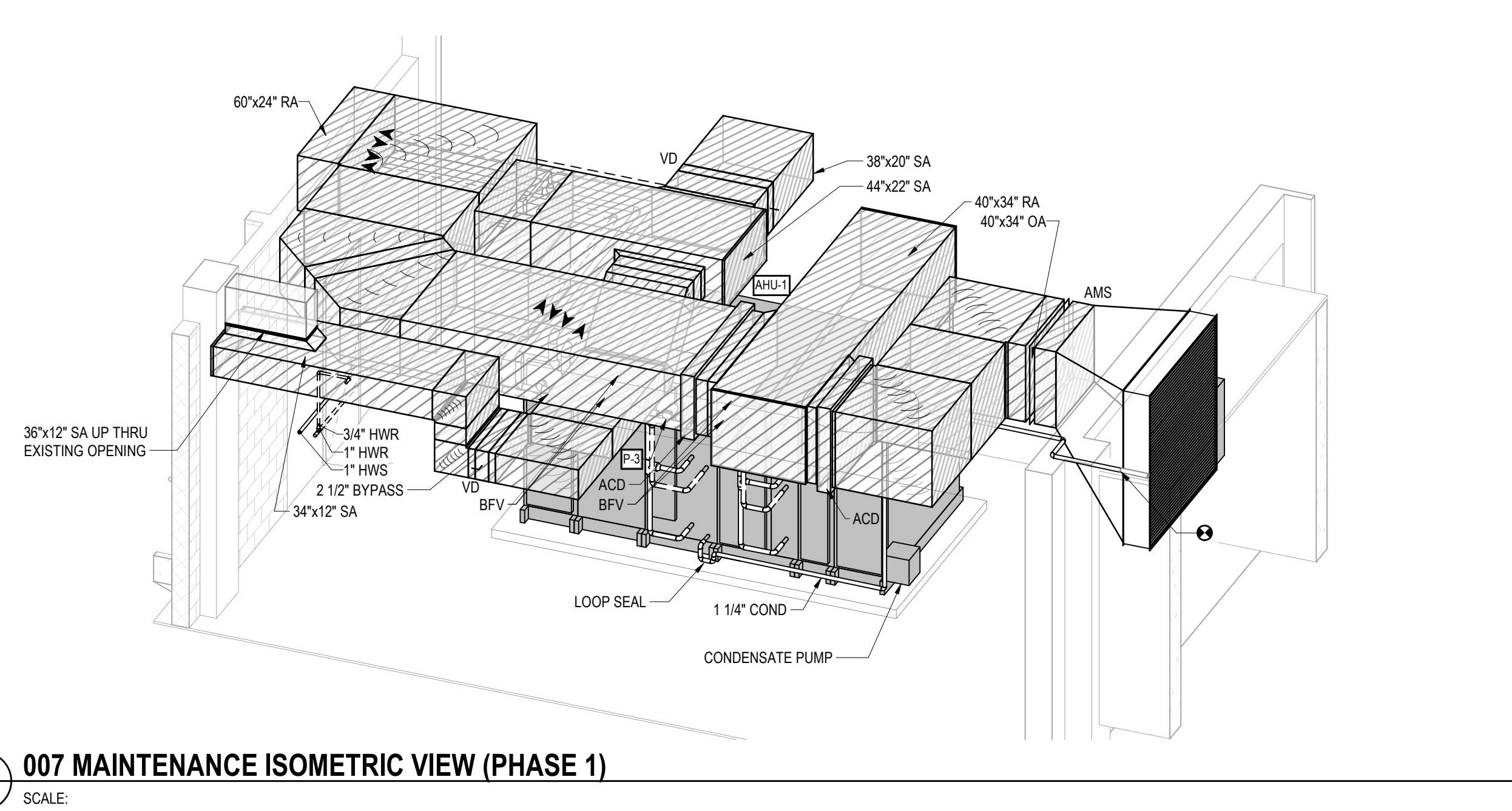
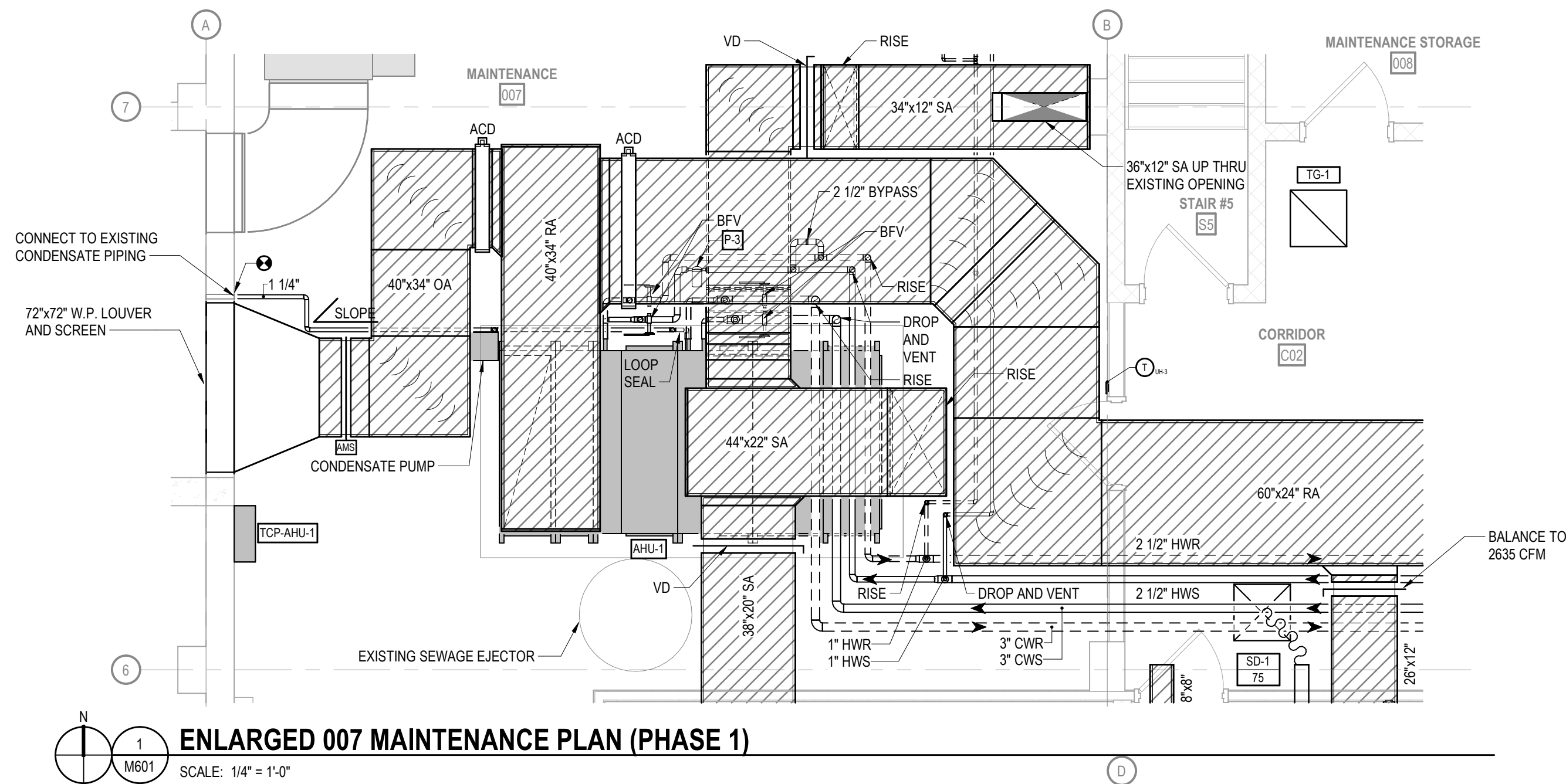
PROJECT TITLE
**SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES**

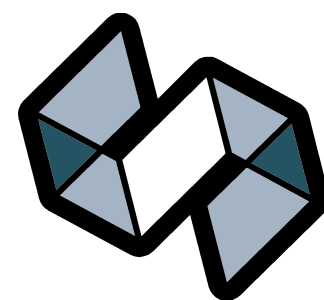
515 Oak St
Baraboo, WI 53913

SHEET NAME
**ENLARGED
MECHANICAL PLANS**

SHEET NO.

M601

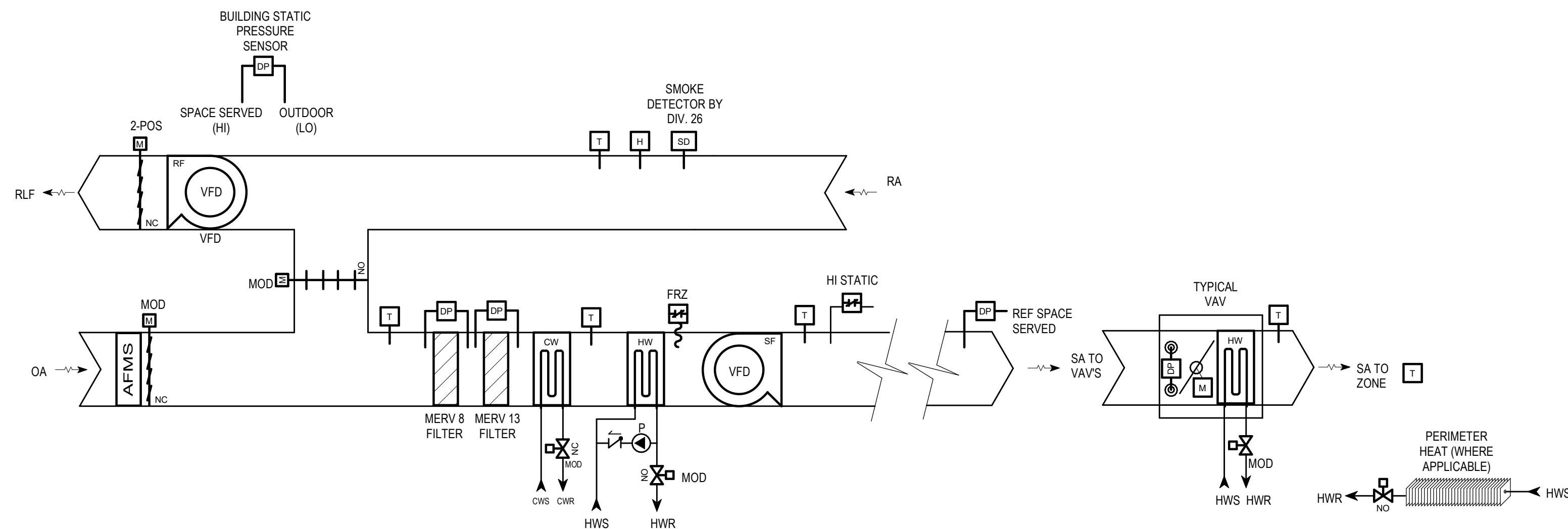




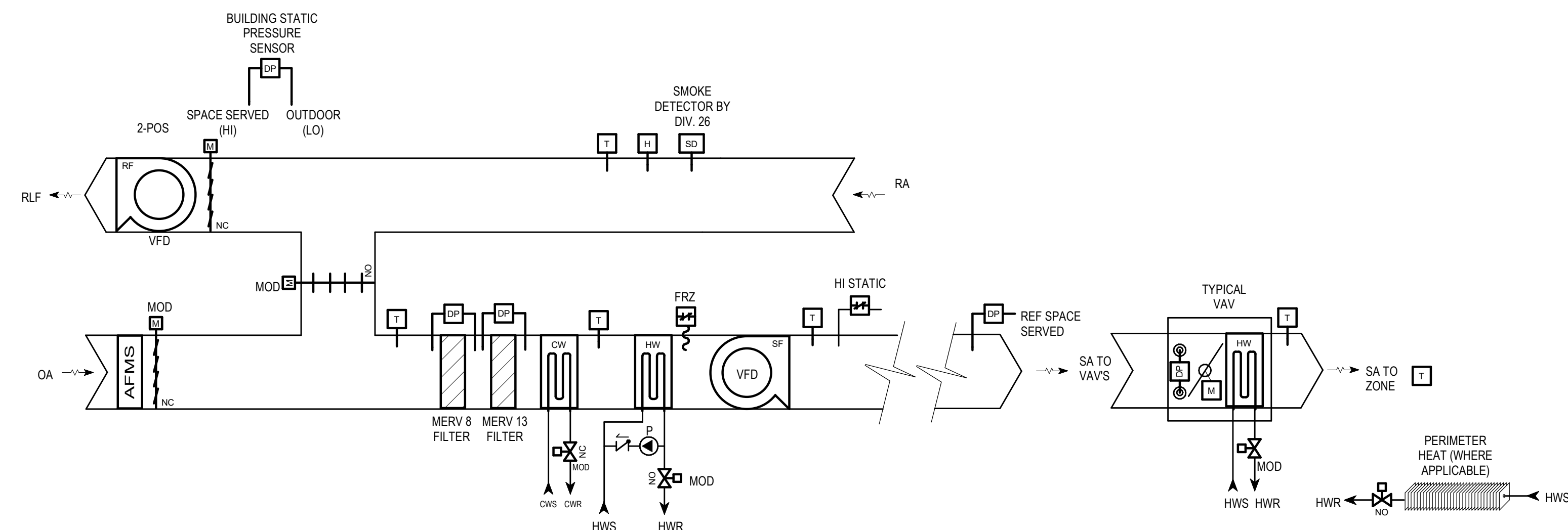
STRANG

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INTERIOR DESIGN

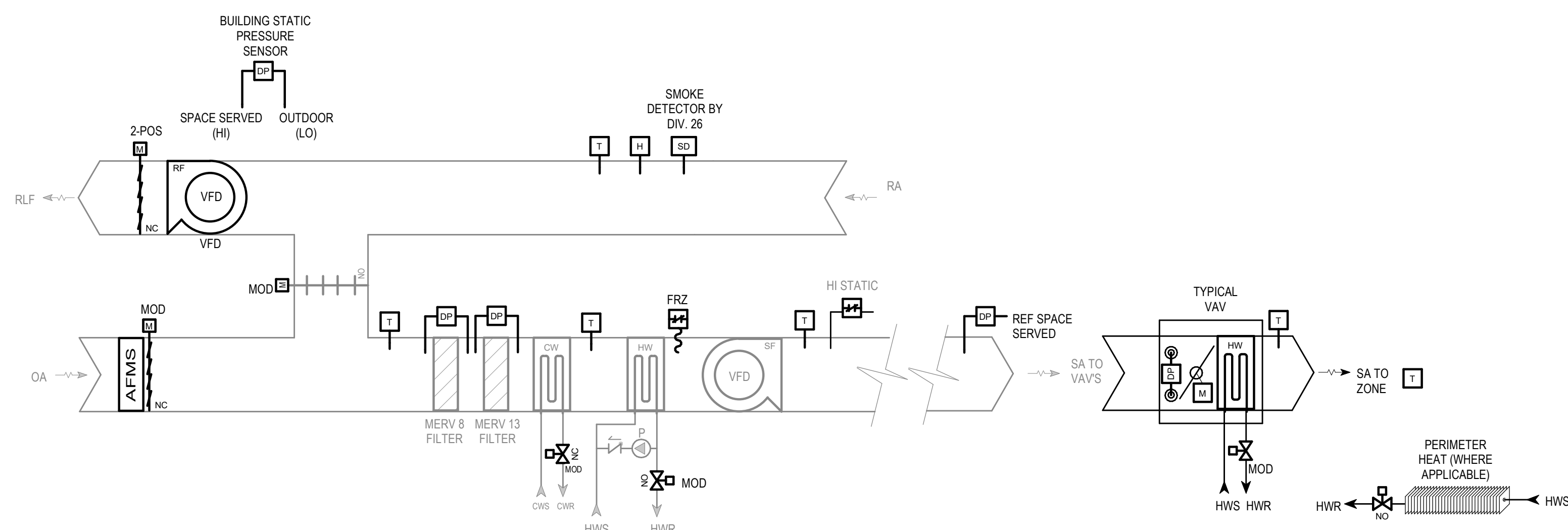
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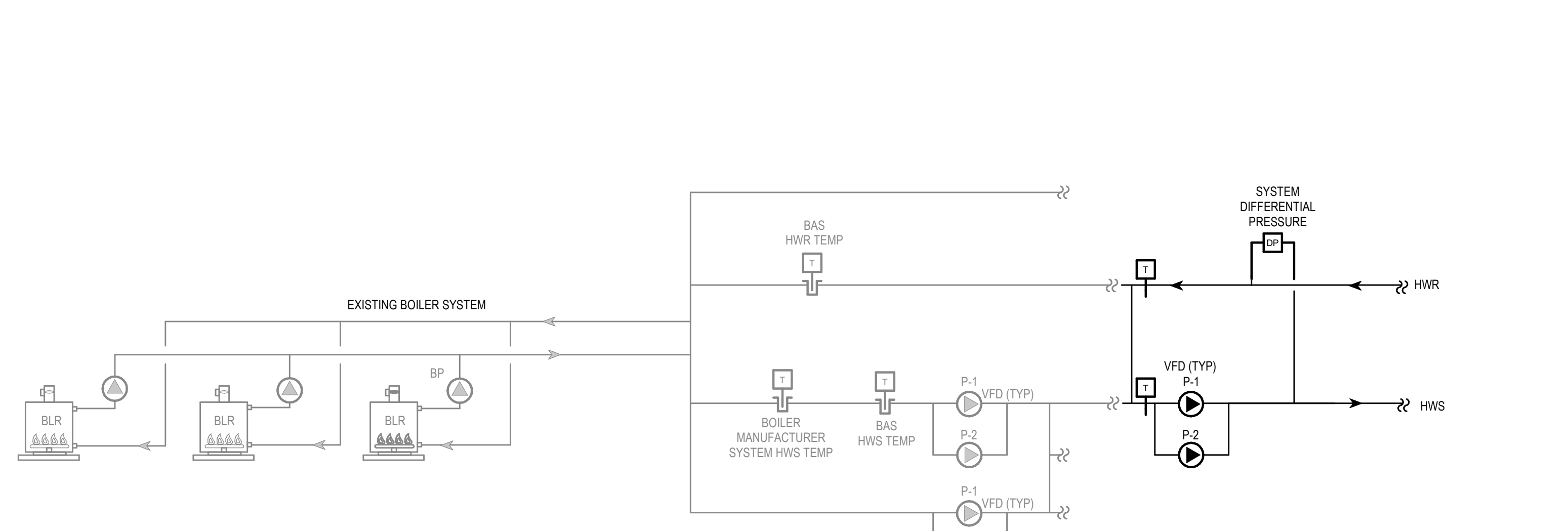
1 AHU-1 CONTROLS SCHEMATIC (PHASE 1)
SCALE: NTS



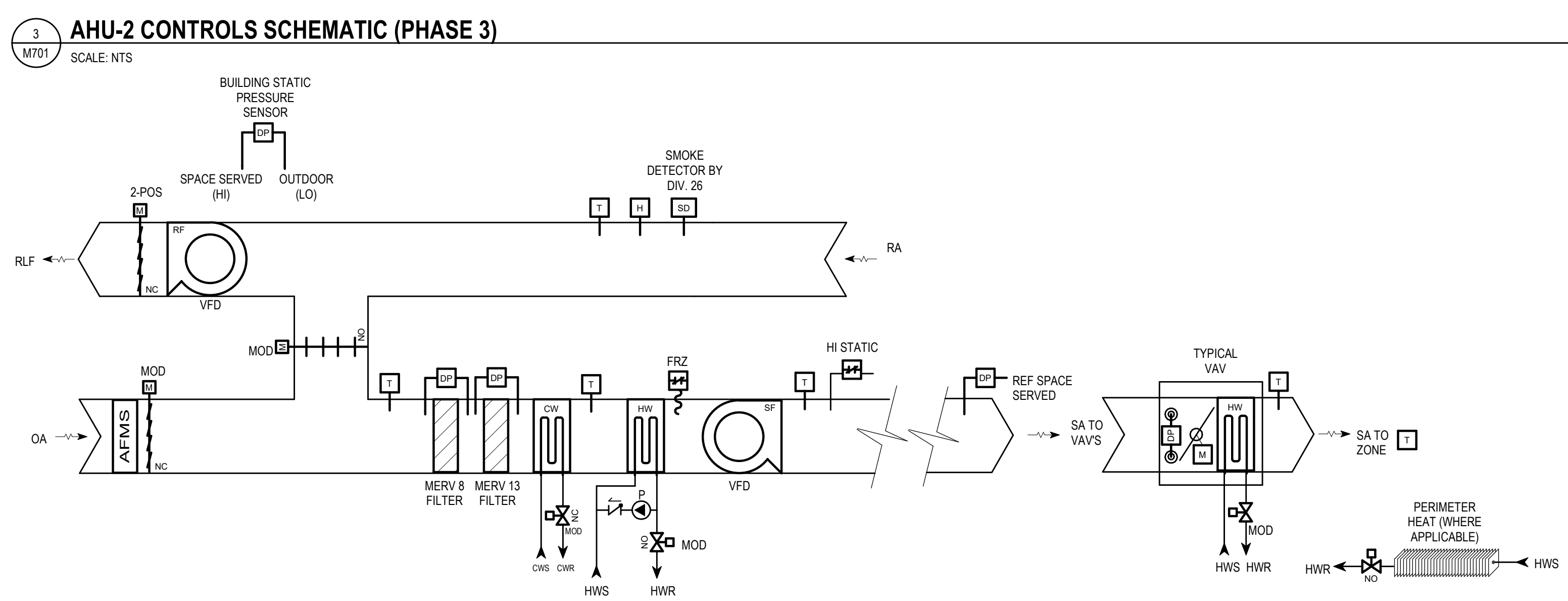
2 RAHU-2 CONTROLS SCHEMATIC (PHASE 3)
SCALE: NTS



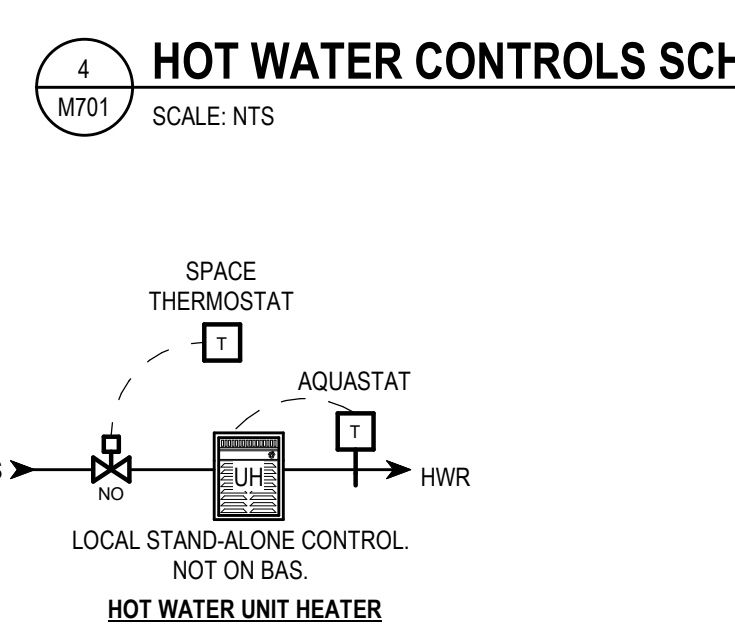
3 AHU-2 CONTROLS SCHEMATIC (PHASE 3)
SCALE: NTS



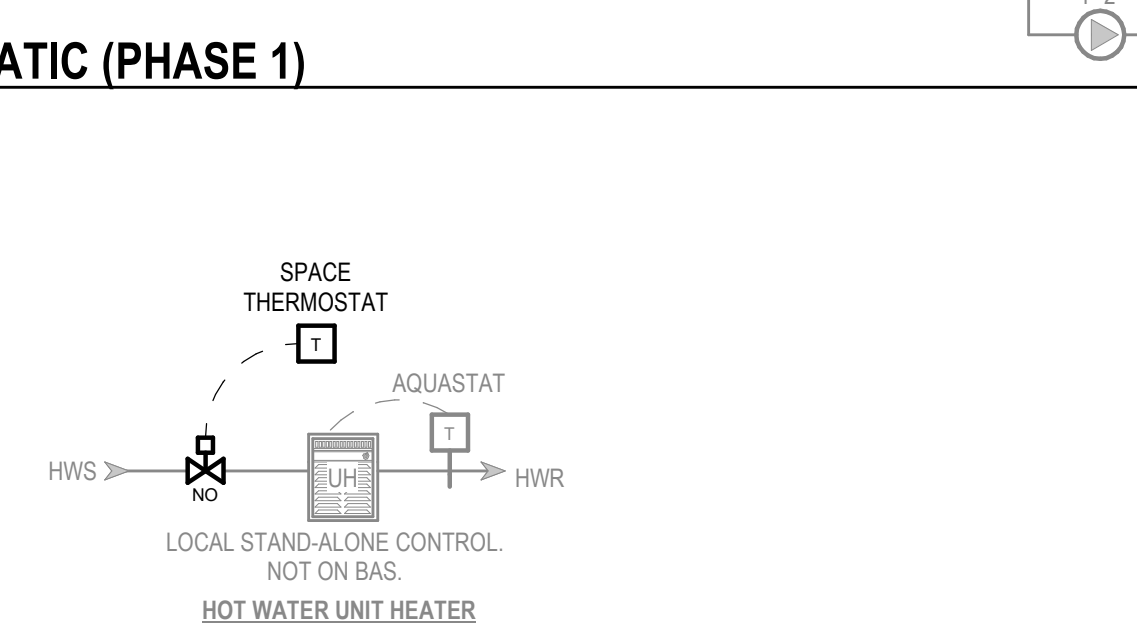
4 HOT WATER CONTROLS SCHEMATIC (PHASE 1)
SCALE: NTS



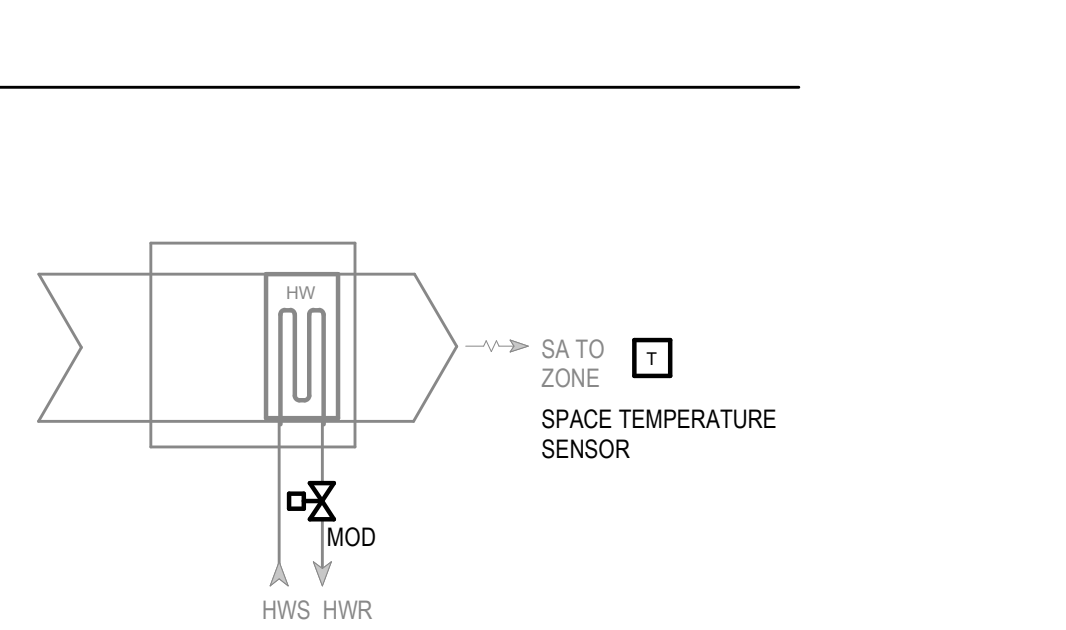
8 AHU-3 CONTROLS SCHEMATIC (PHASE 3 - ADD ALTERNATE #1)
SCALE: NTS



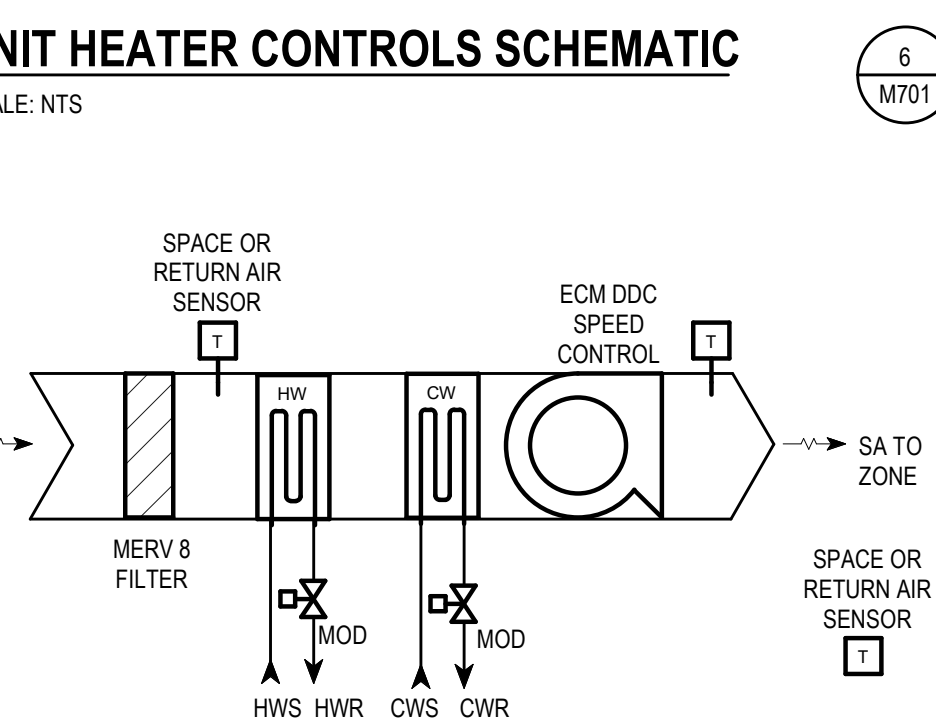
5 UNIT HEATER CONTROLS SCHEMATIC
SCALE: NTS



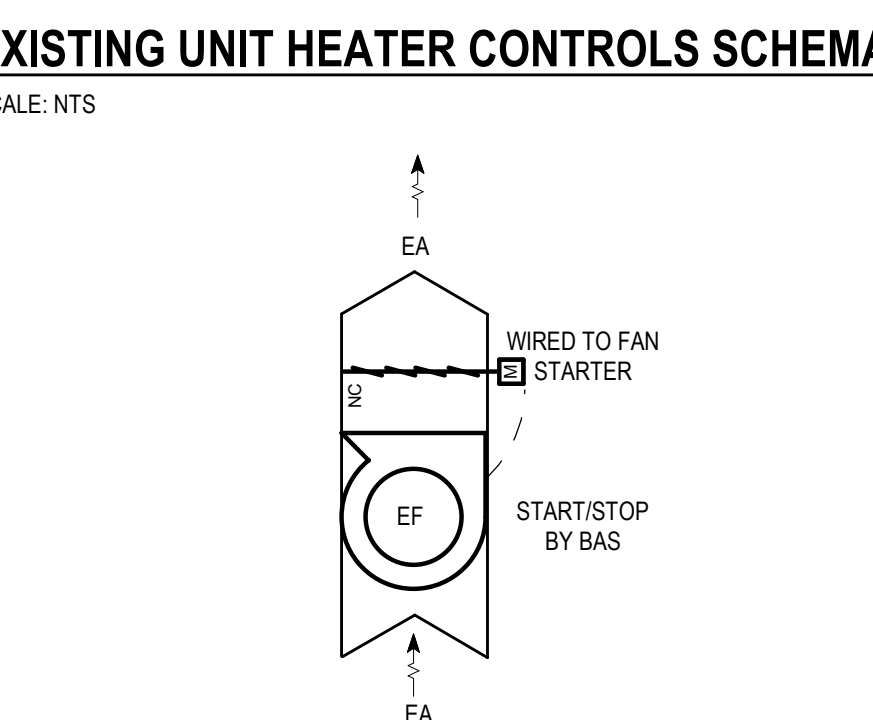
6 EXISTING UNIT HEATER CONTROLS SCHEMATIC
SCALE: NTS



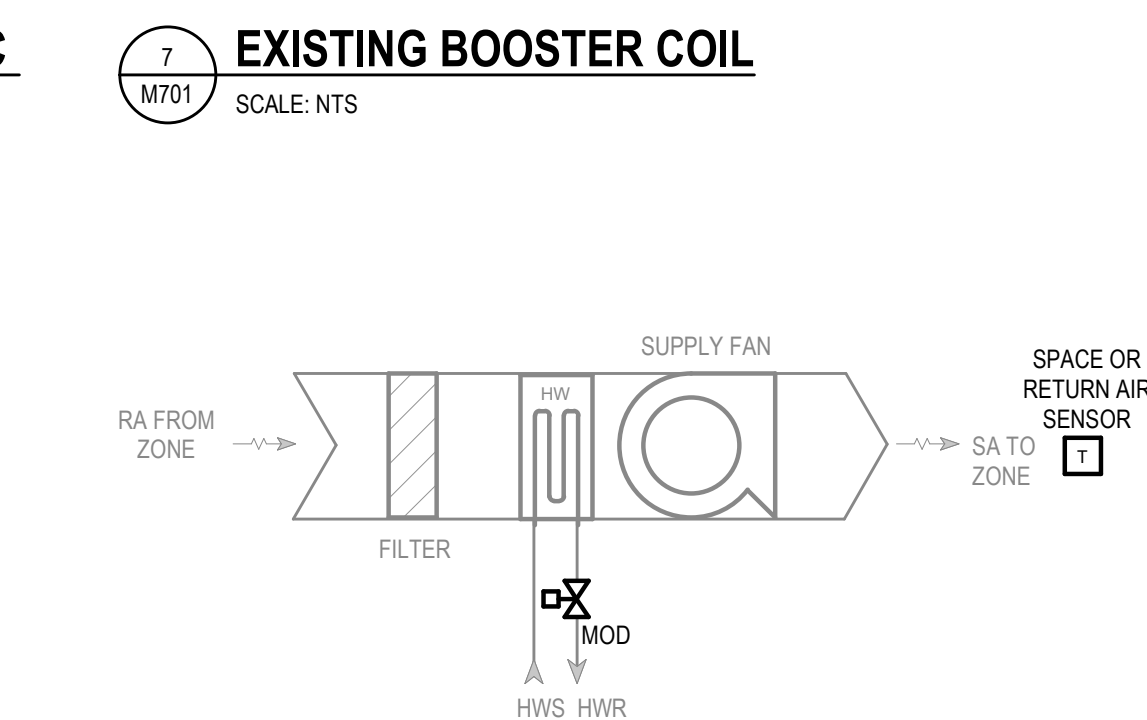
7 EXISTING BOOSTER COIL
SCALE: NTS



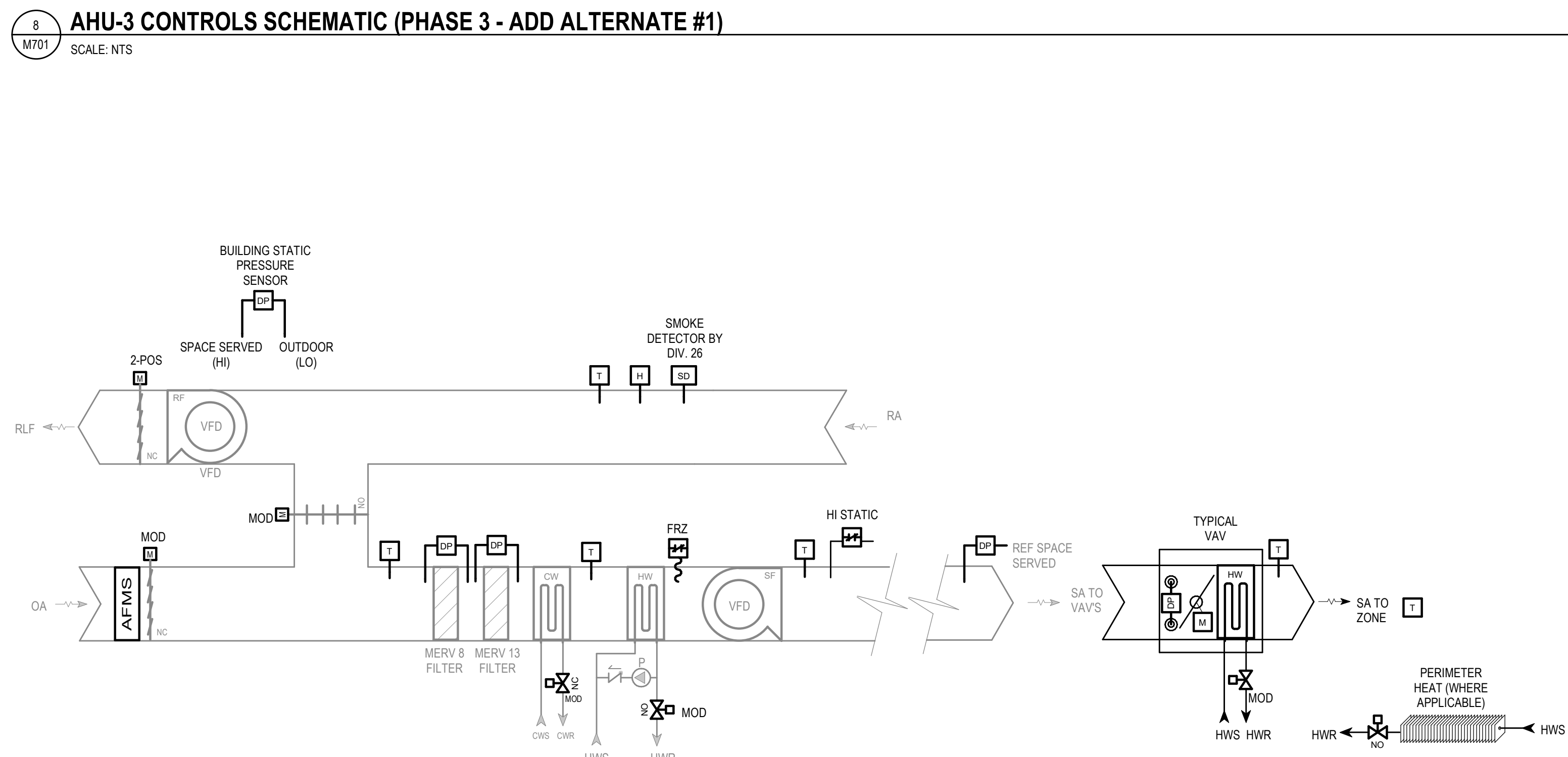
9 FCU-1, BCU-1 CONTROLS SCHEMATIC (PHASE 2)
SCALE: NTS



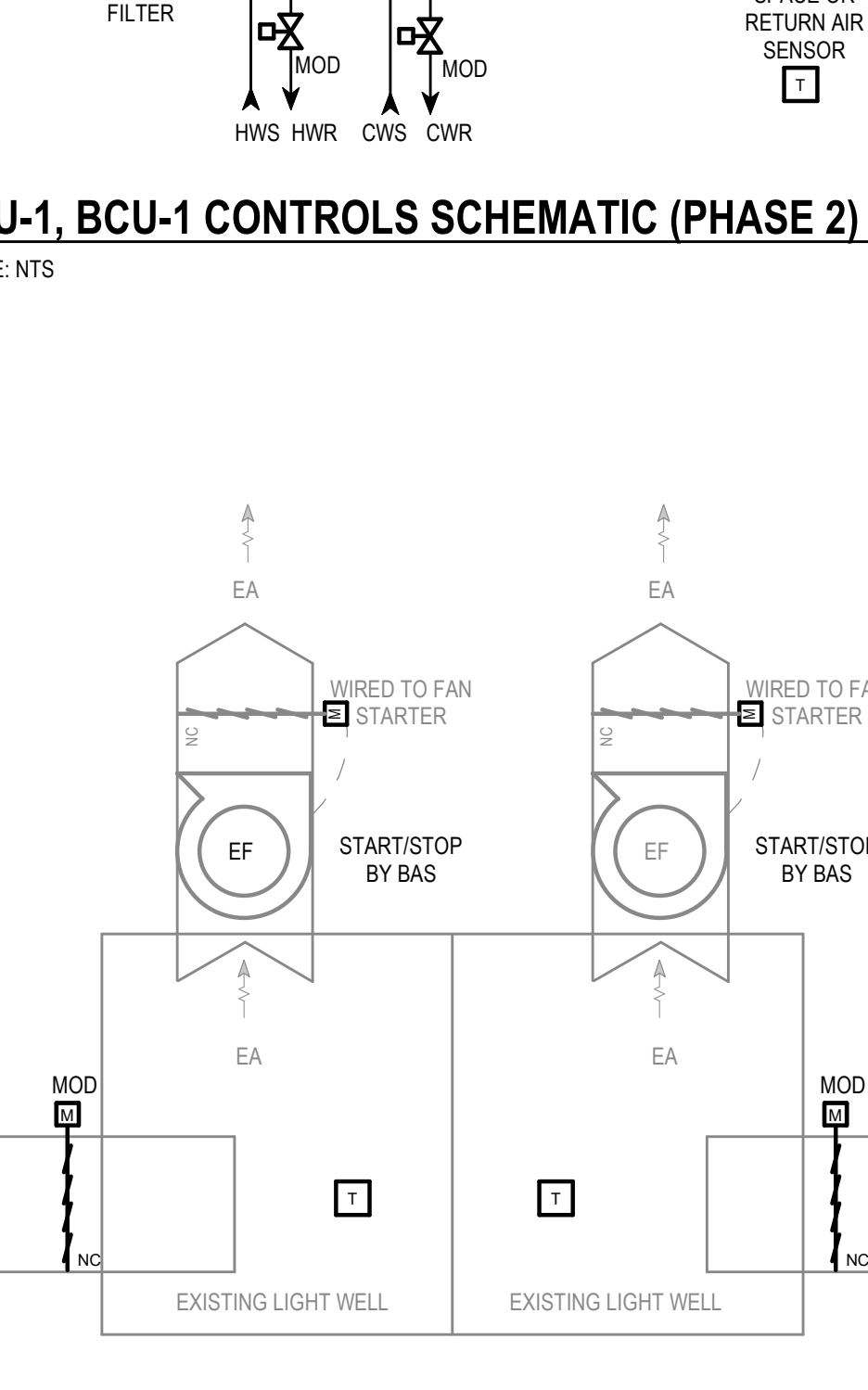
10 EXISTING AND NEW EXHAUST FANS
SCALE: NTS



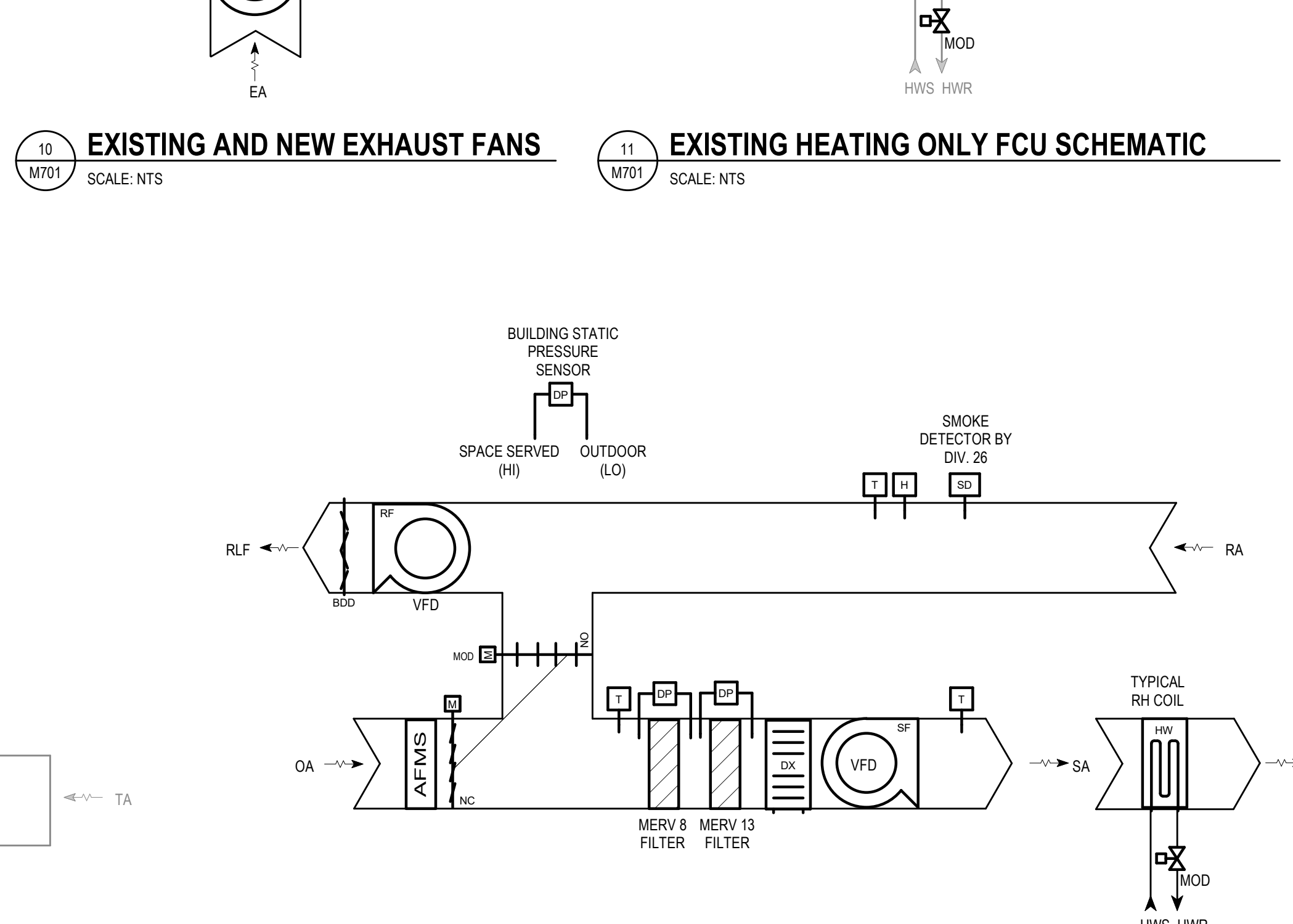
11 EXISTING HEATING ONLY FCU SCHEMATIC
SCALE: NTS



12 RAHU-1 CONTROLS SCHEMATIC (PHASE 2)
SCALE: NTS



13 EXISTING LIGHT WELL SYSTEM (PHASE 3)
SCALE: NTS



14 RTU-1 CONTROLS SCHEMATIC (PHASE 3)
SCALE: NTS

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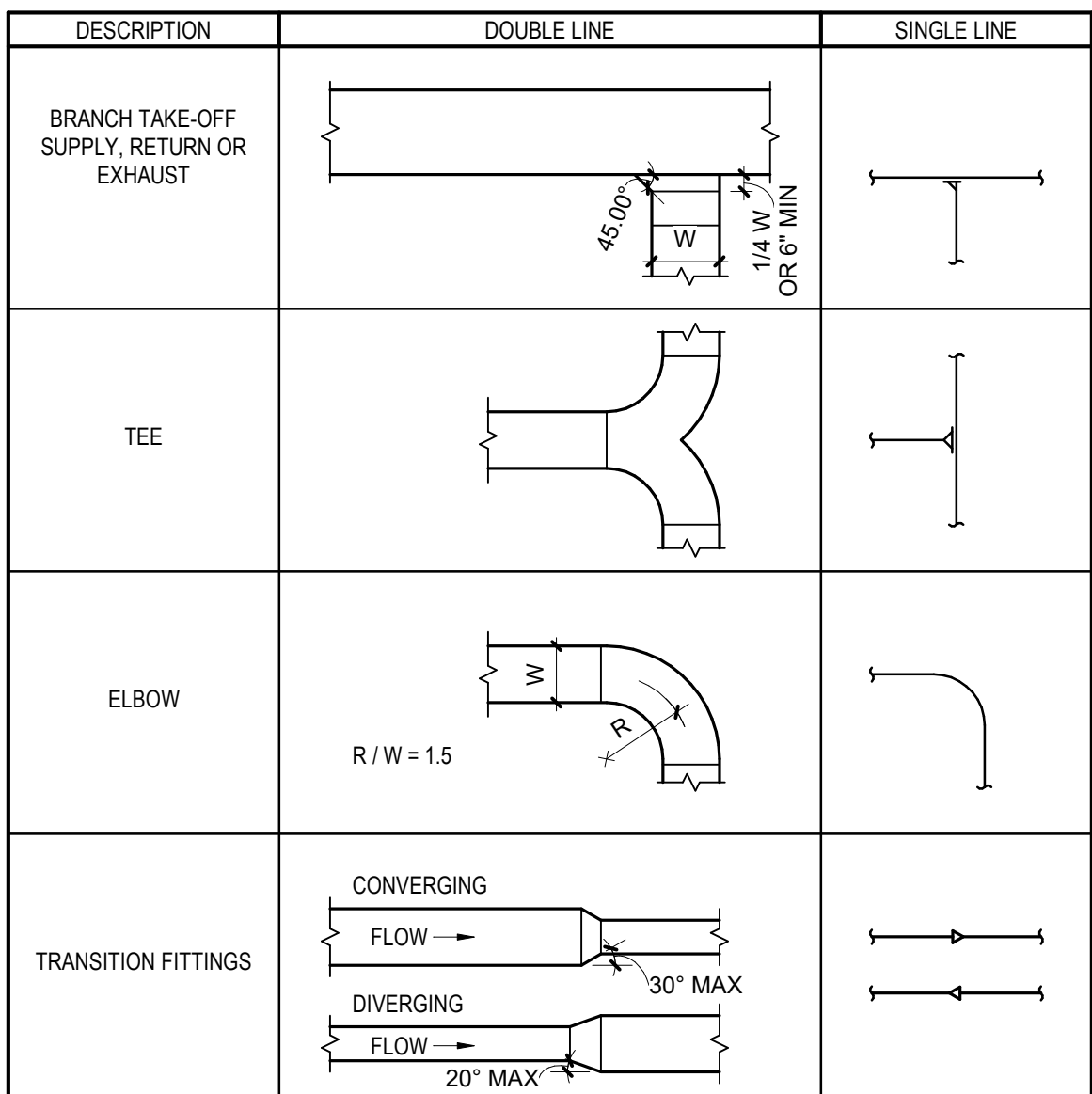
PROJECT TITLE
SAUK COUNTY
COURTHOUSE HVAC
AND LIGHTING
UPGRADES

515 Oak St
Baraboo, WI 53913

SHEET NAME
MECHANICAL
CONTROL DIAGRAMS

SHEET NO.

M701



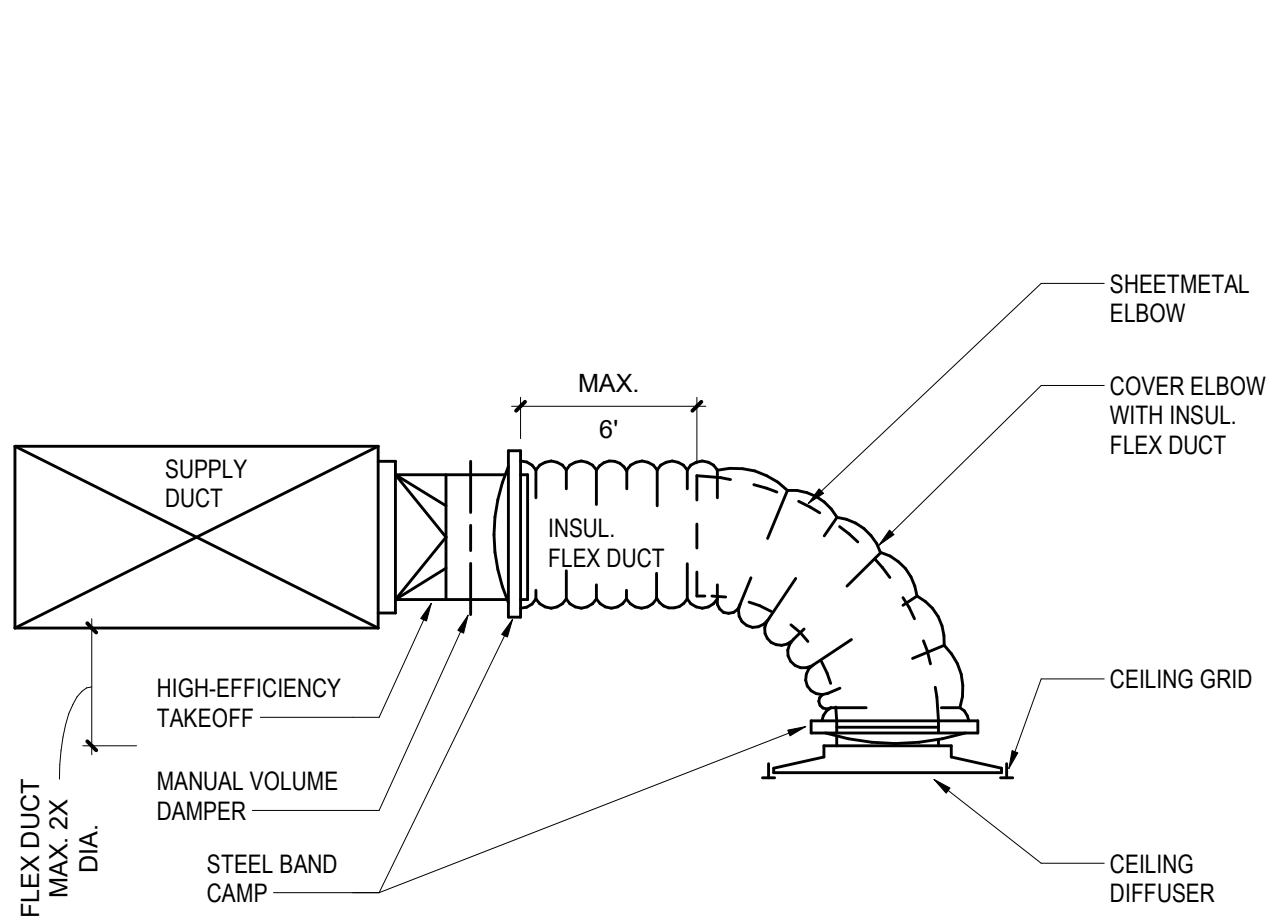
1 DUCT FITTINGS
SCALE: NTS

2 BRANCH DUCT TAKE-OFF AND DAMPER
SCALE: NTS

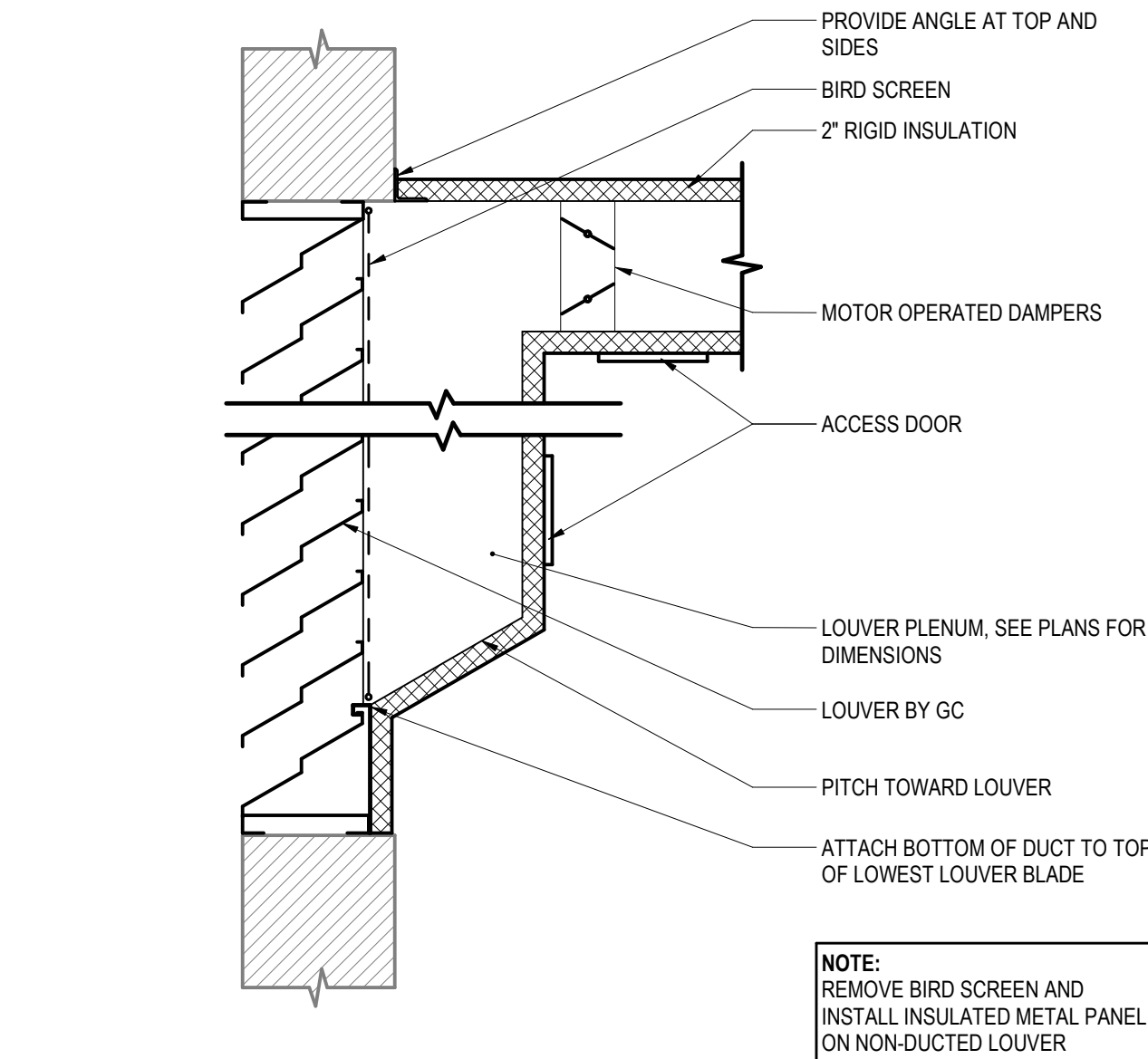
3 SPIRAL DUCT TEE TAP DETAIL
SCALE: NTS

4 DUCT PENETRATION THRU INTERIOR WALL
SCALE: NTS

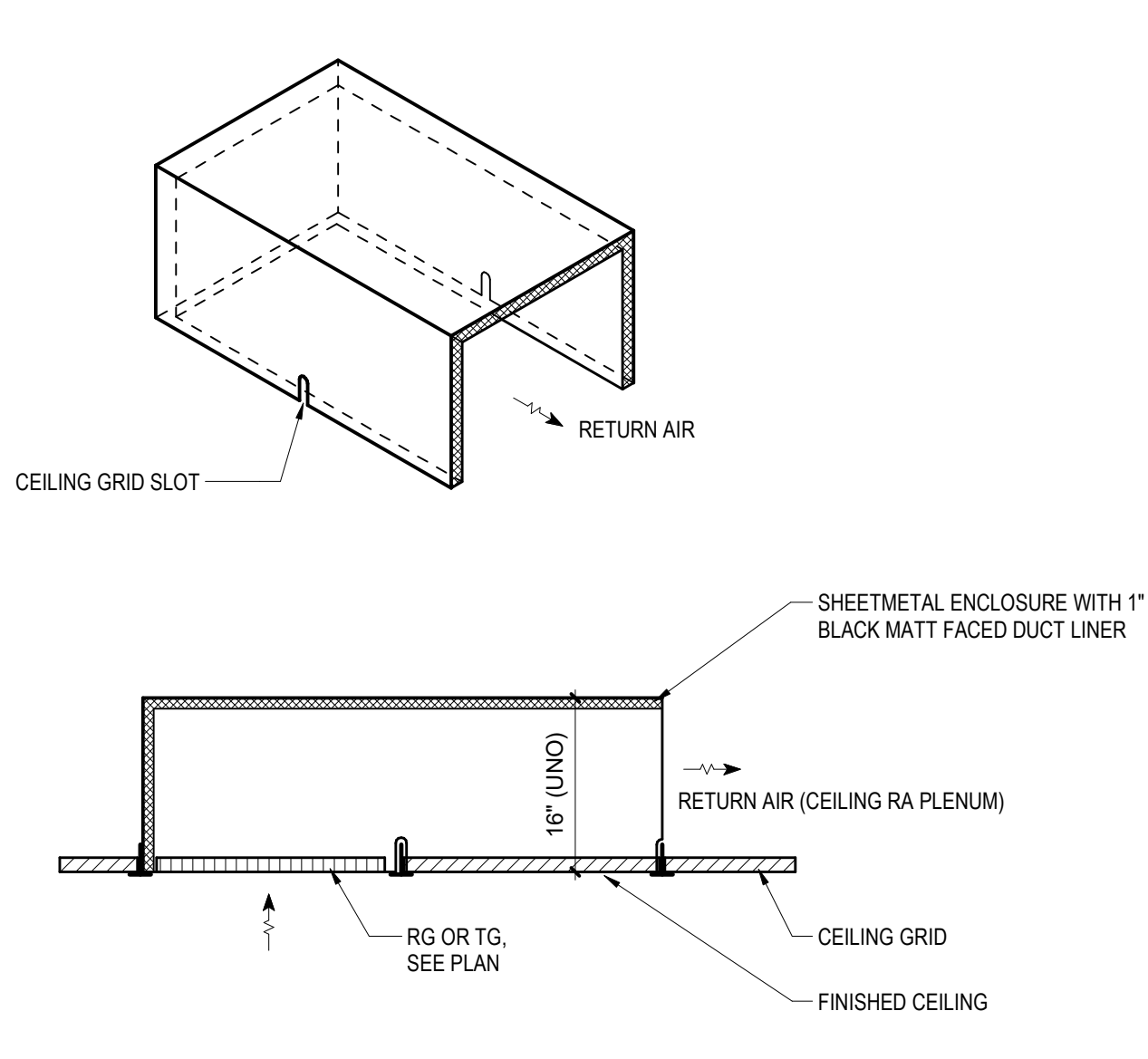
5 TURNING VANE ACCESS DETAIL
SCALE: NTS



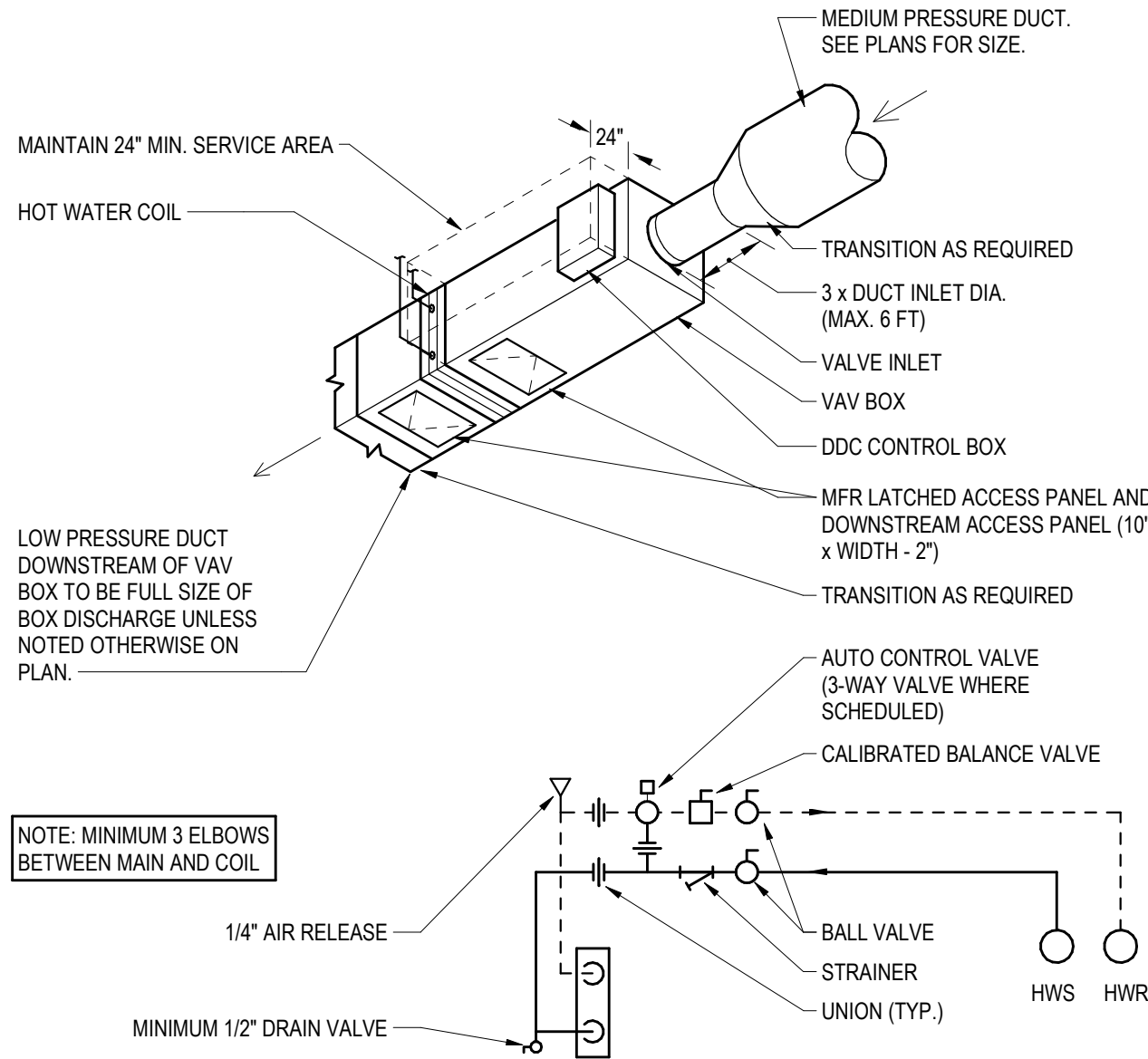
6 DIFFUSER DETAIL
SCALE: NTS



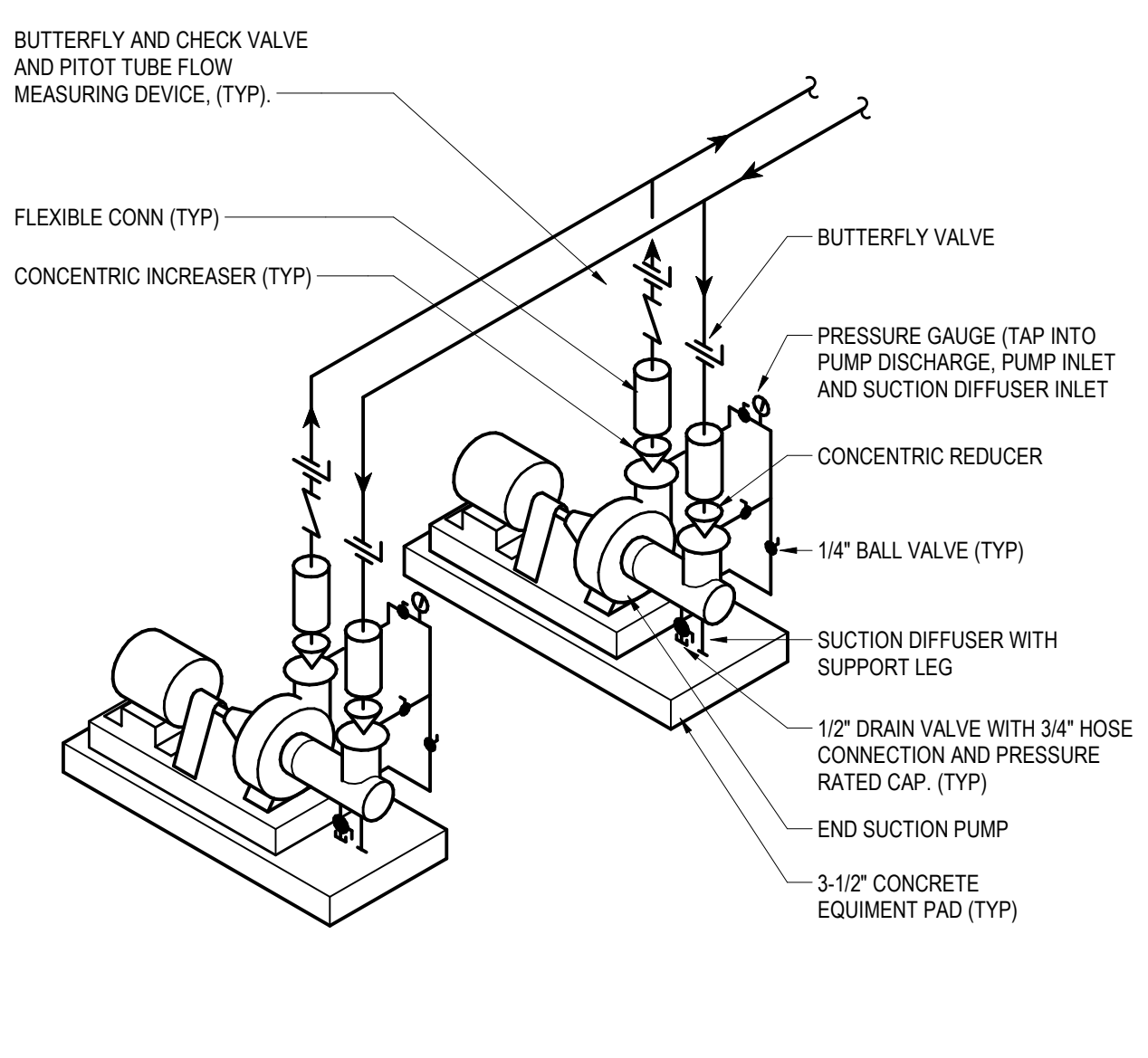
7 DUCT CONNECTION TO LOUVER
SCALE: NTS



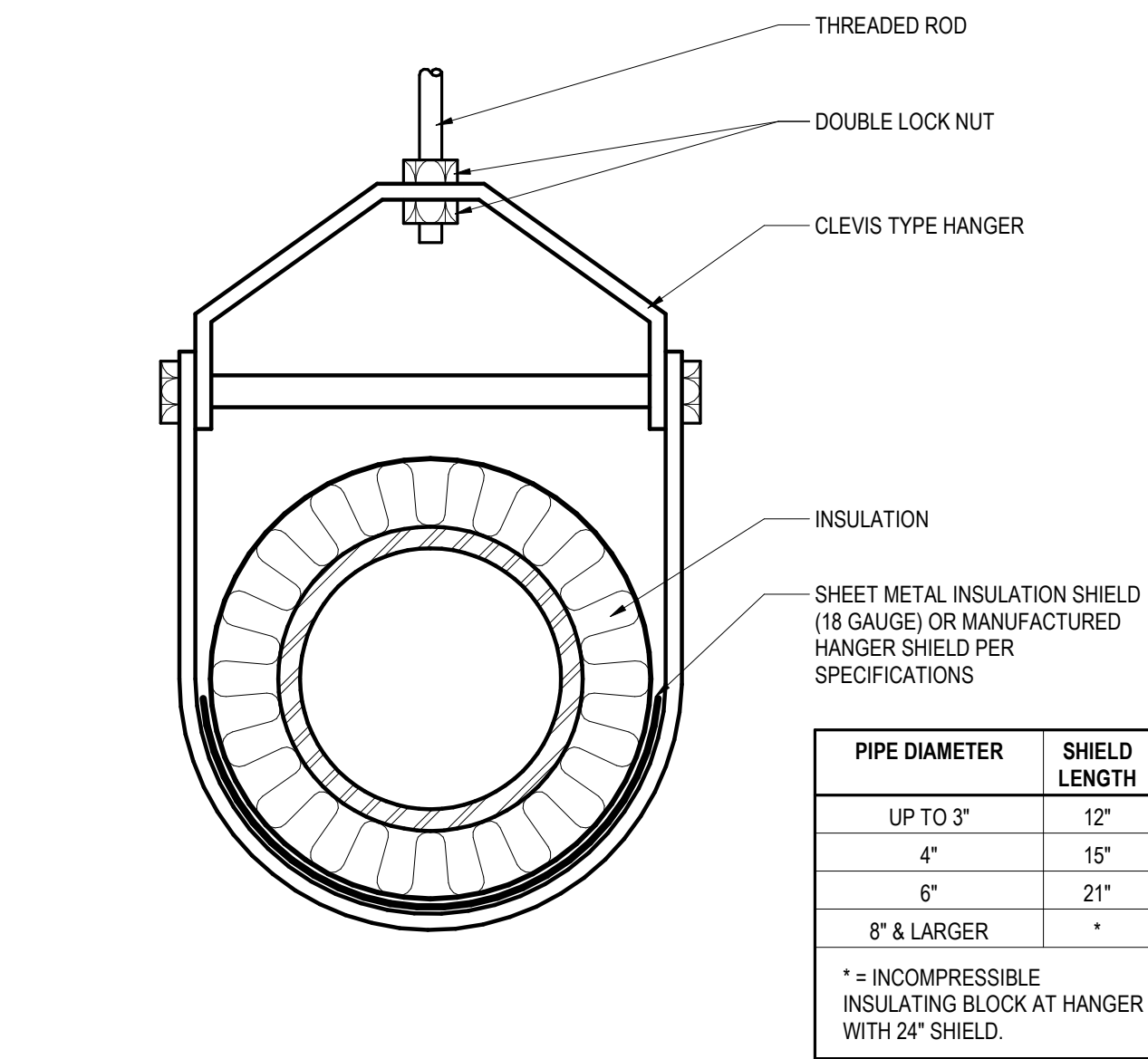
8 RA SOUND BOOT
SCALE: NTS



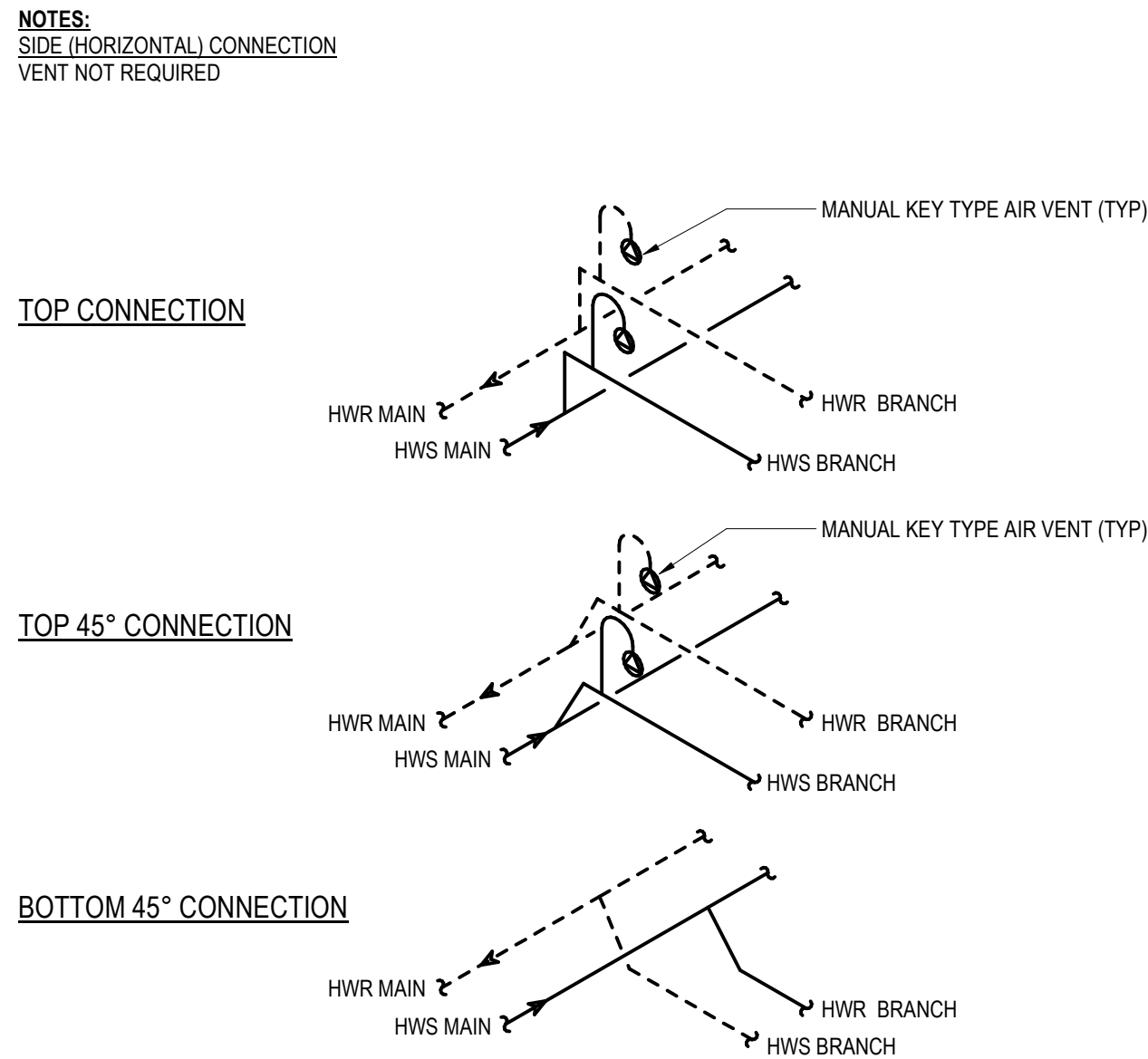
9 VAV WITH HOT WATER REHEAT INSTALLATION
SCALE: NTS



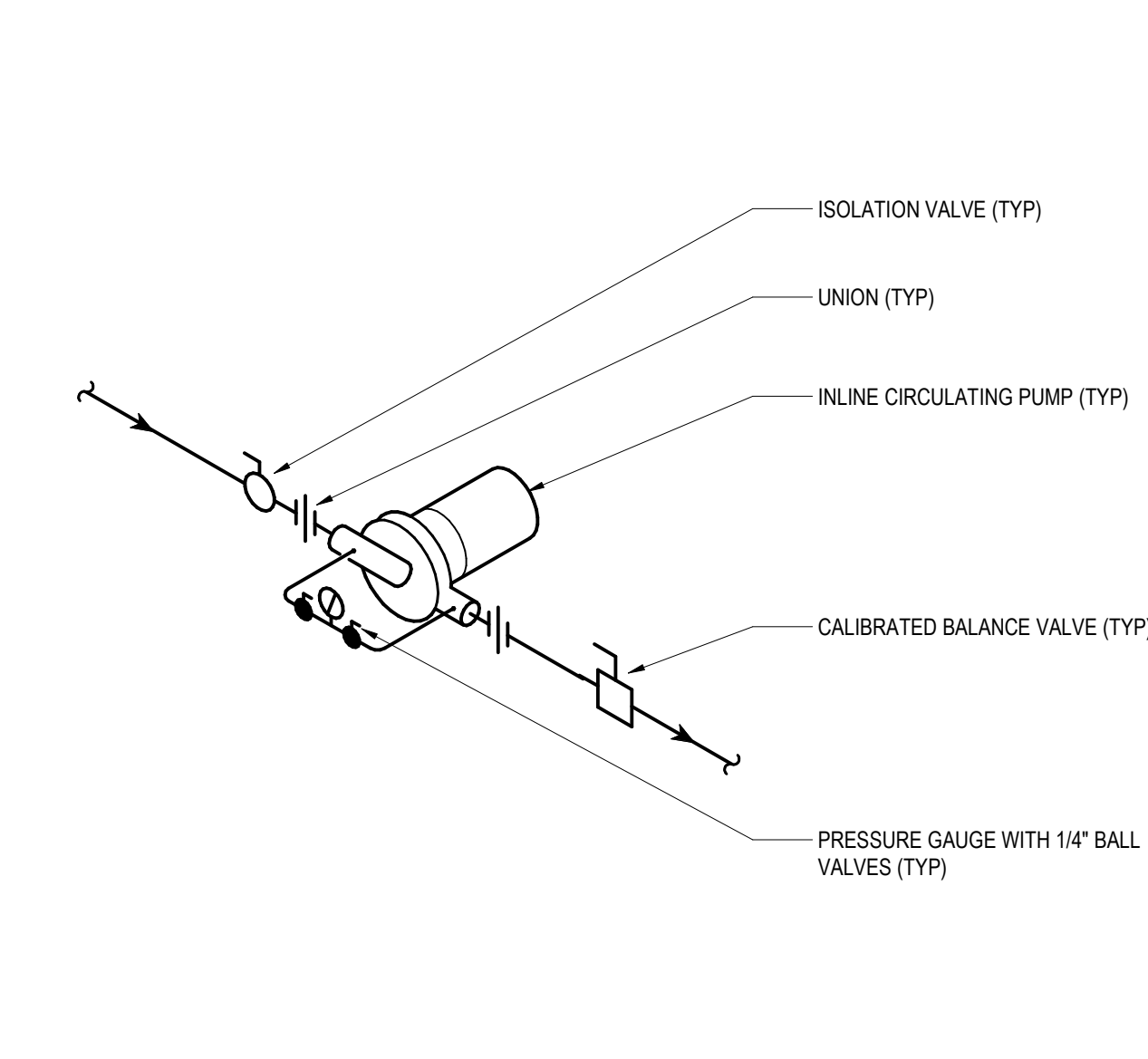
10 PARALLEL END SUCTION BASE MOUNTED PUMP
SCALE: NTS



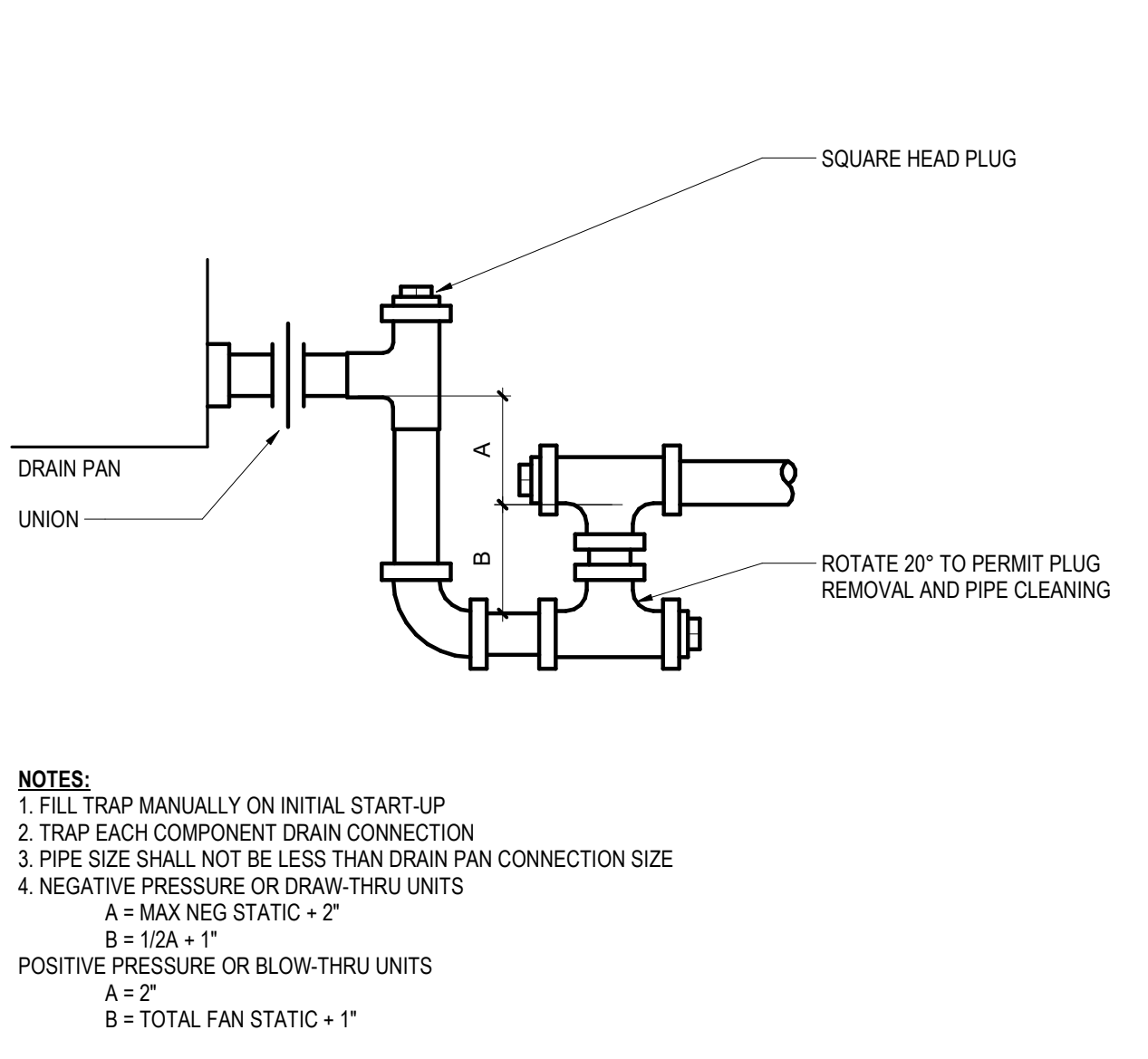
11 INSULATED PIPE SUPPORT
SCALE: NTS



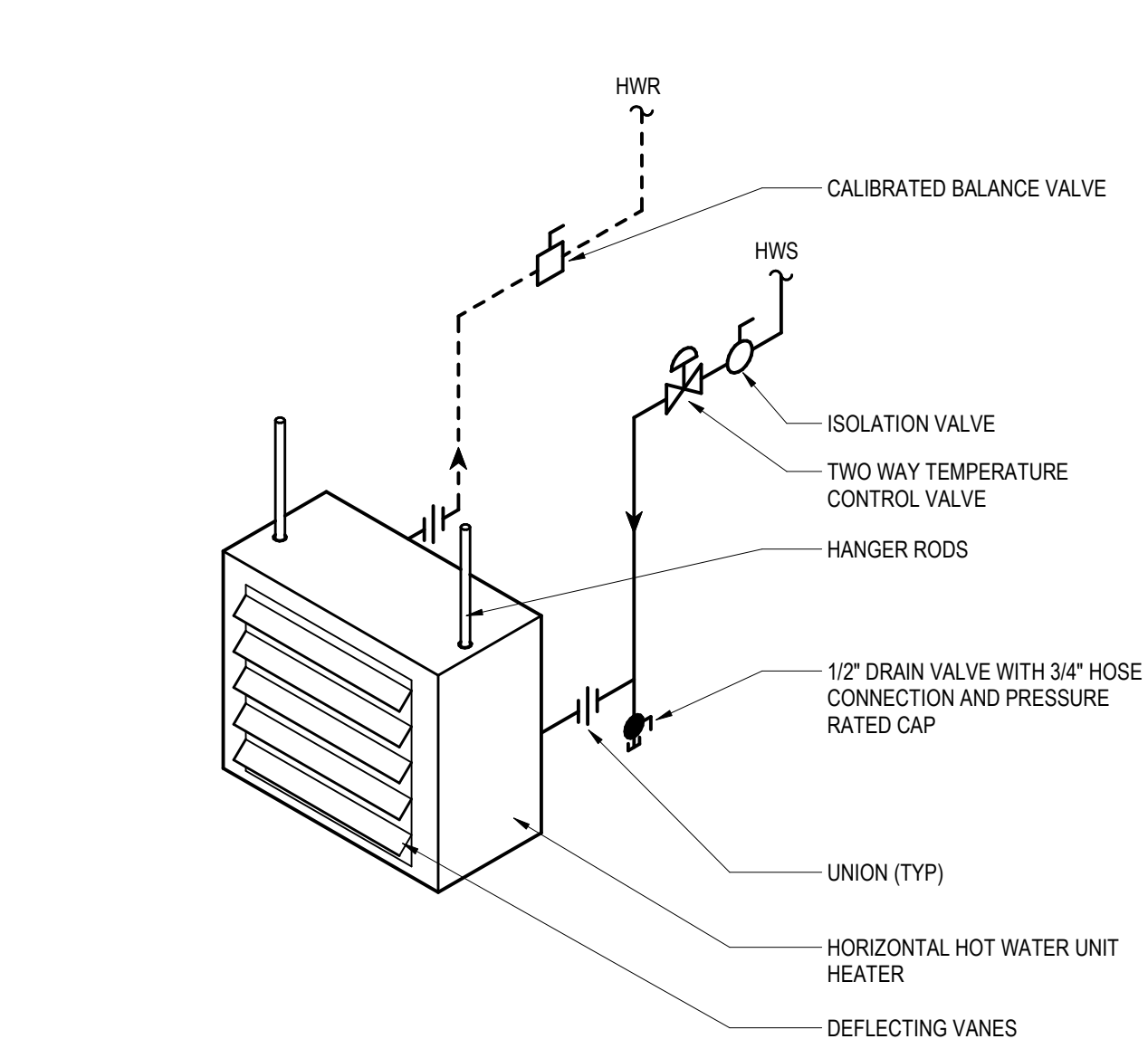
12 HYDRONIC BRANCH PIPING TO MAIN
SCALE: NTS



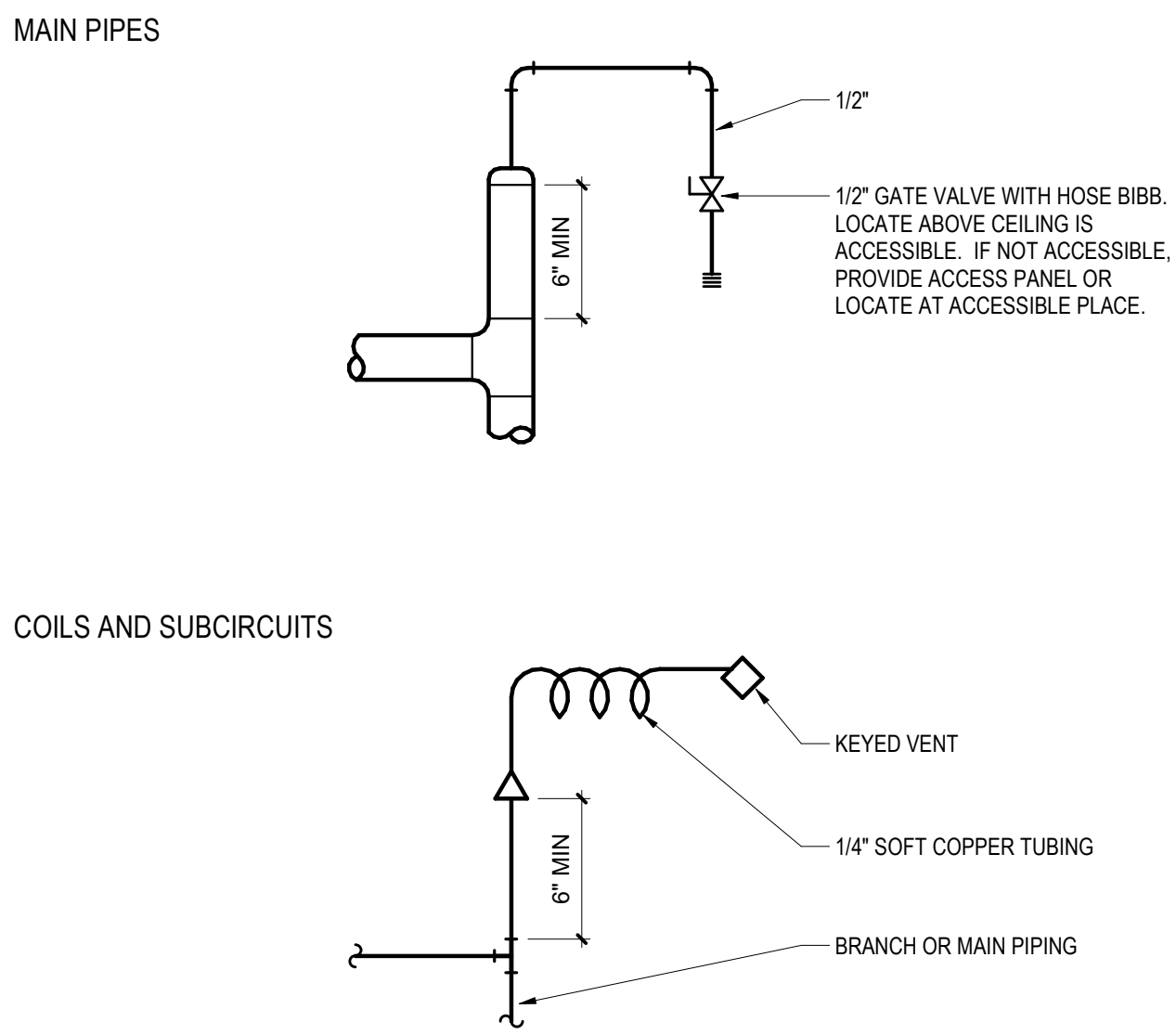
13 INLINE CIRC PUMP DETAIL
SCALE: NTS



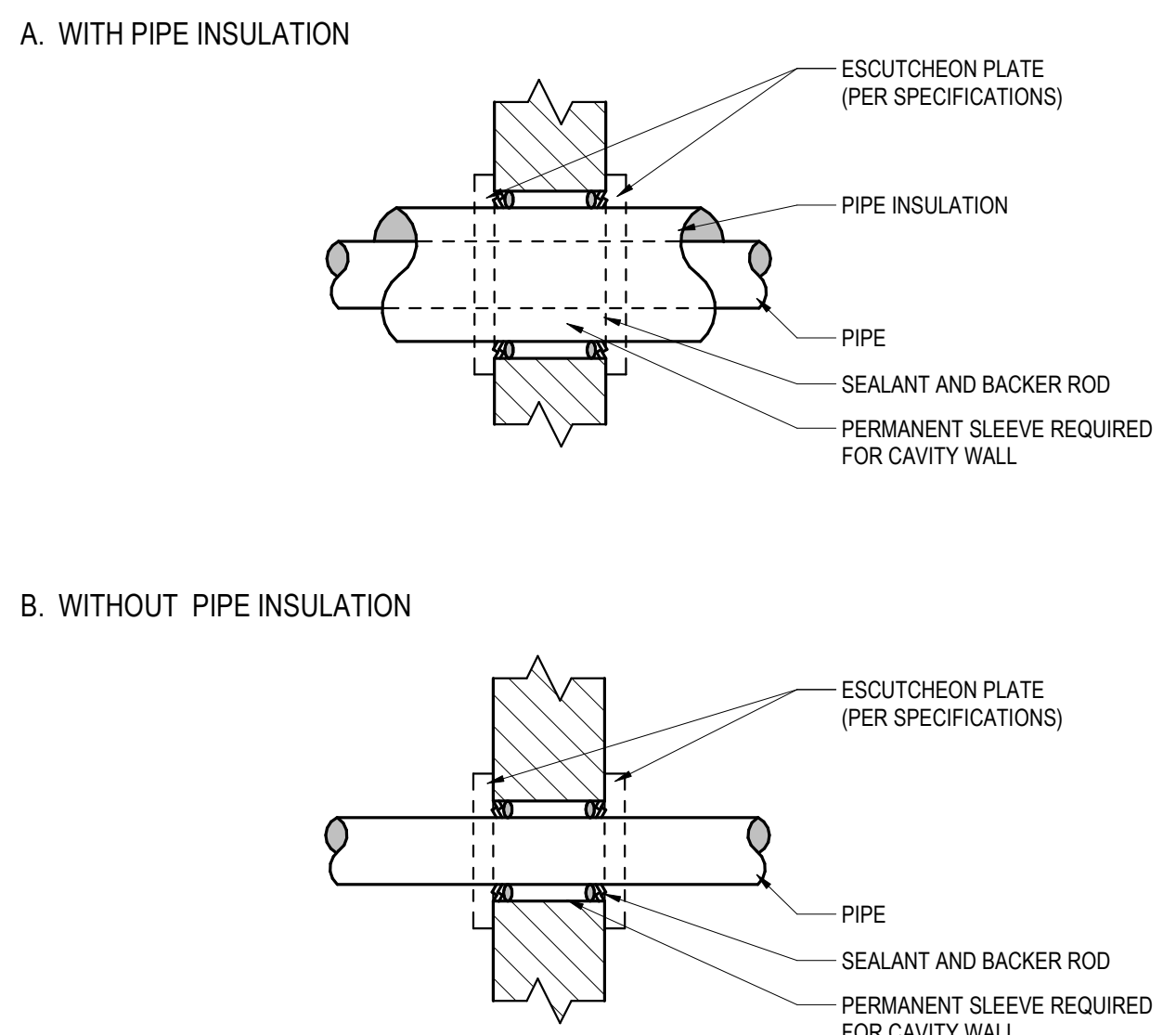
14 CONDENSATE DRAIN TRAP PIPING
SCALE: NTS



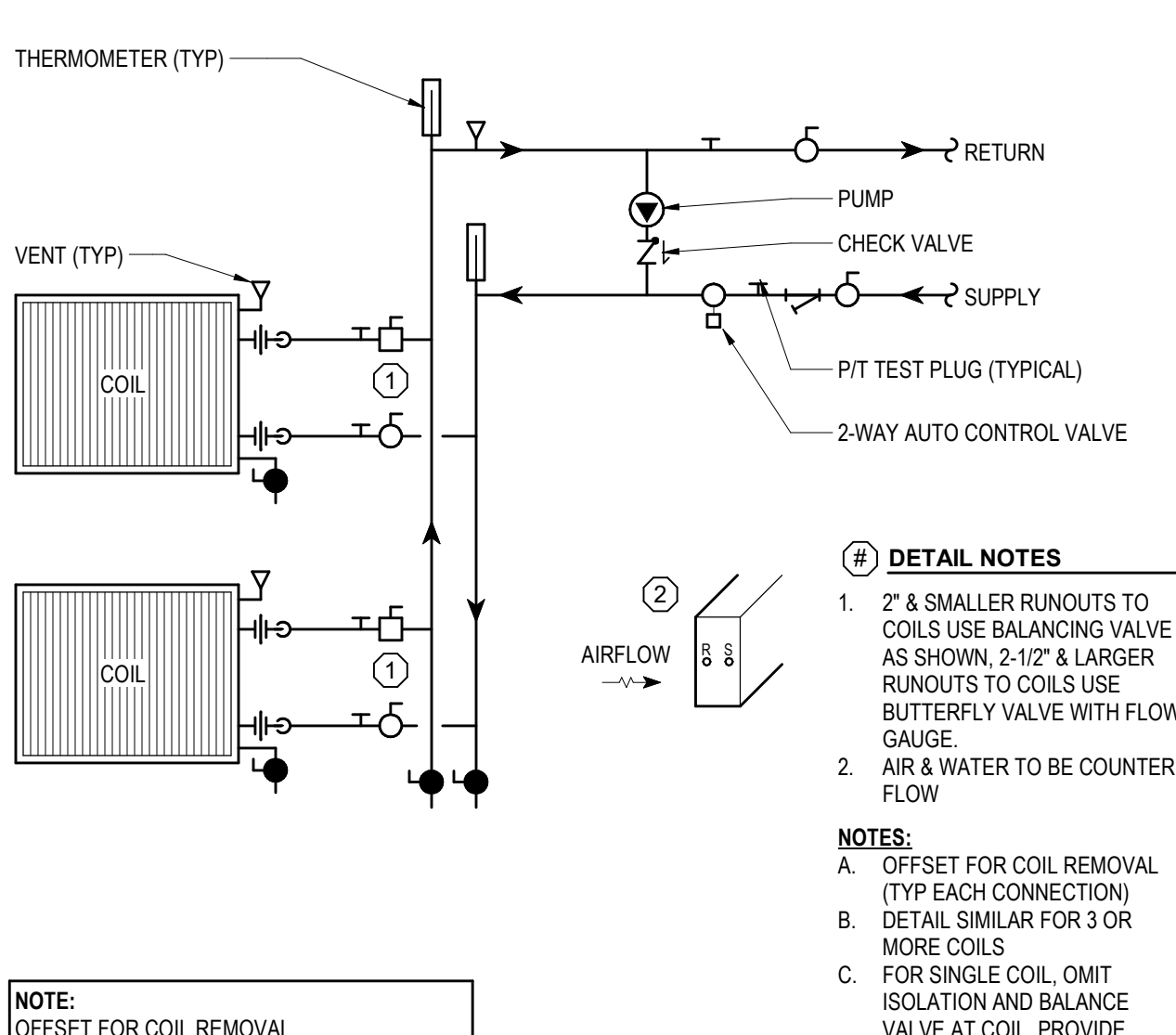
15 HORIZONTAL HOT WATER UNIT HEATER DETAIL
SCALE: NTS



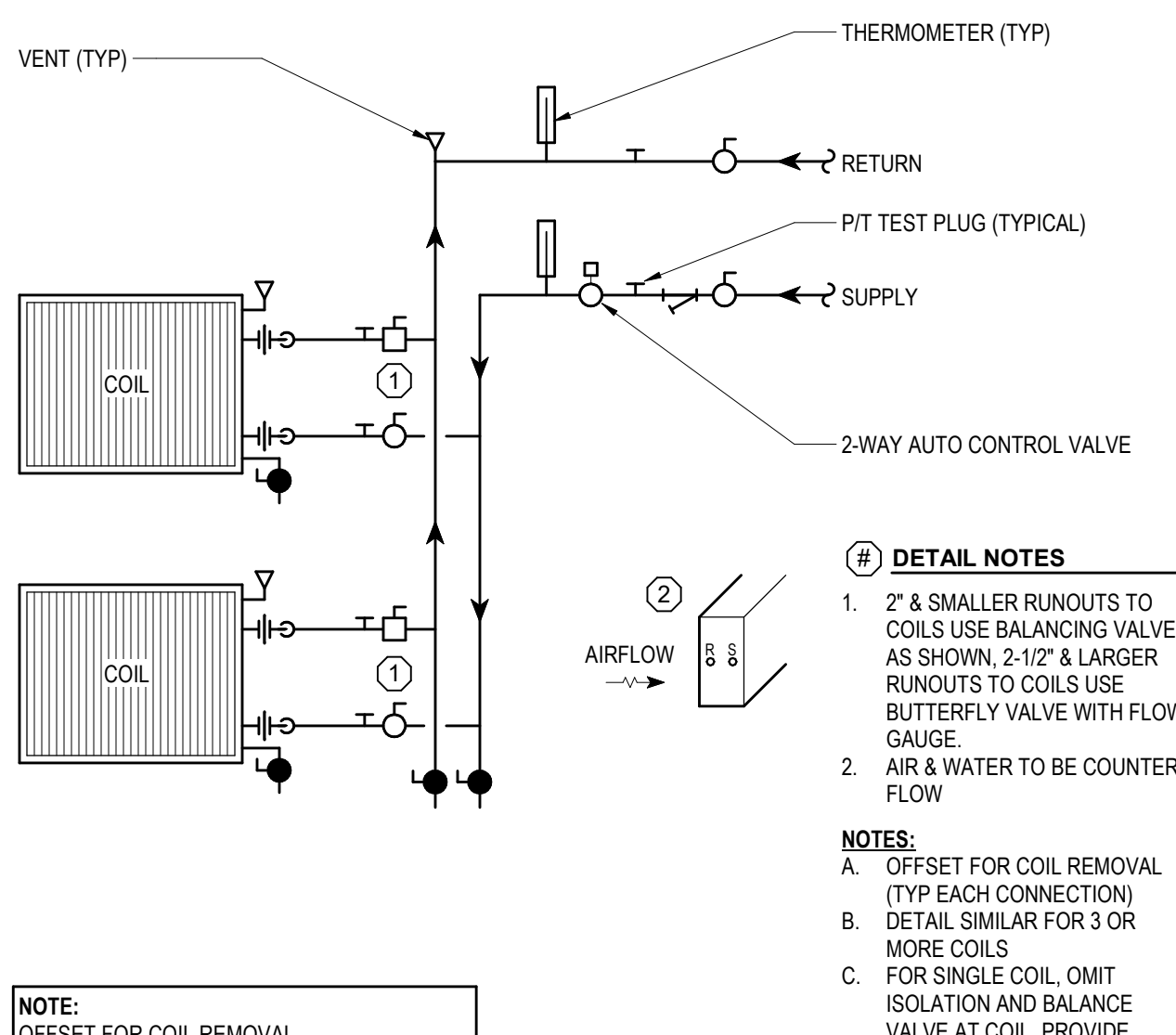
16 AIR VENT PIPING
SCALE: NTS



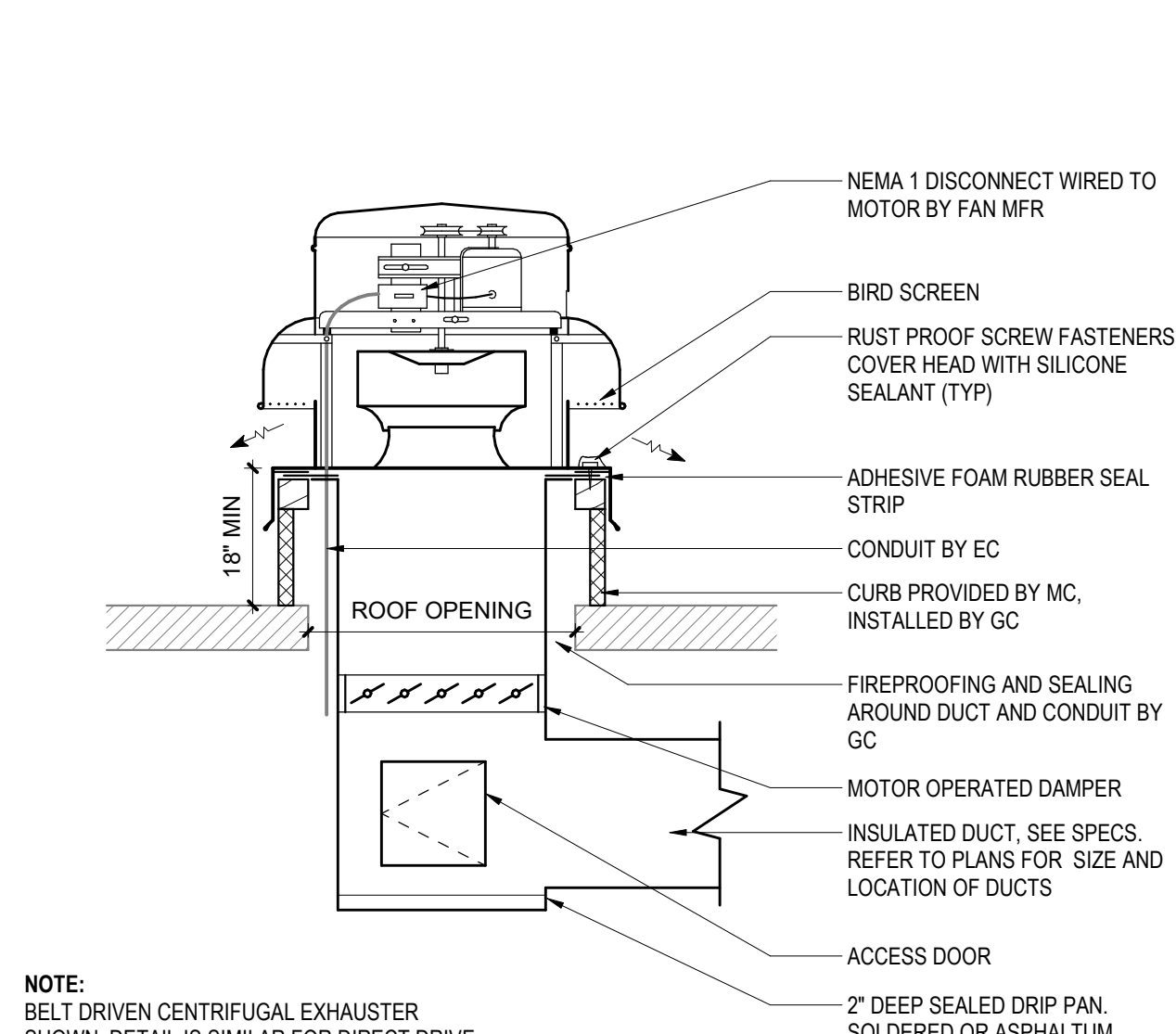
17 PIPE PENETRATION THRU NON-RATED WALL
SCALE: NTS



18 AHU WATER COIL PIPING WITH PUMPED COILS
SCALE: NTS



19 AHU WATER COIL PIPING
SCALE: NTS



20 DOWNBLAST ROOF VENTILATOR DETAIL
SCALE: NTS

VARIABLE FREQUENCY DRIVE								
VFD-#	LOCATION	SERVES	MAX HP	VOLT	PH	MANUF	MODEL	REMARKS
1	B18 MECHANICAL	P-1	10	208	3	ABB	550	
2	B18 MECHANICAL	P-2	10	208	3	ABB	550	
3	B20 MAINTENANCE STORAGE	RF-1	2	208	1	ABB	550	
4	PENTHOUSE	EF-2	3/4	208	3	ABB	550	
5	PENTHOUSE	AHU-3	5	208	3	ABB	550	
6	334 CUSTODIAN	RAHU-2	7.5	208	3	ABB	550	
7	334 CUSTODIAN	RF-4	2	208	3	ABB	550	

DIFFUSER, REGISTER, GRILLE										
MIN AIRFLOW (CFM)	MAX AIRFLOW (CFM)	SERVICE	TYPE	FACE SIZE	NECK SIZE	MOUNTING	DAMPER	MATERIAL	FINISH	REMARKS
EG-1										
0	99	EXHAUST	EGGCRATE	24"x12"	6"ø	LAY-IN	N	ALUMINUM	WHITE	
100	210	EXHAUST	EGGCRATE	24"x12"	8"ø	LAY-IN	N	ALUMINUM	WHITE	
211	330	EXHAUST	EGGCRATE	24"x24"	10"ø	LAY-IN	N	ALUMINUM	WHITE	
331	475	EXHAUST	EGGCRATE	24"x24"	12"ø	LAY-IN	N	ALUMINUM	WHITE	
EG-2										
0	75	EXHAUST	LOUVERED	8"x8"	6"x6"	SURFACE	N	ALUMINUM	WHITE	
RG-2										
0	1750	RETURN	LOUVERED	18"x42"	16"x40"	SURFACE	N	ALUMINUM	WHITE	
SD-1										
0	99	SUPPLY	SQUARE PLAQUE	24"x24"	6"ø	LAY-IN	N	ALUMINUM	WHITE	
100	210	SUPPLY	SQUARE PLAQUE	24"x24"	8"ø	LAY-IN	N	ALUMINUM	WHITE	
211	330	SUPPLY	SQUARE PLAQUE	24"x24"	10"ø	LAY-IN	N	ALUMINUM	WHITE	
331	475	SUPPLY	SQUARE PLAQUE	24"x24"	12"ø	LAY-IN	N	ALUMINUM	WHITE	
SG-1										
0	340	SUPPLY	LOUVERED	12"x12"	10"x10"	SURFACE	N	ALUMINUM	WHITE	
SG-2										
0	295	SUPPLY	LOUVERED	12"x10"	10"x8"	SIDEWALL	N	ALUMINUM	WHITE	
TG-1										
1	1300	TRANSFER	EGGCRATE	24"x24"	20"x20"	LAY-IN	N	ALUMINUM	WHITE	
TG-2										
		TRANSFER	LOUVERED	14"x14"	12"x12"	SURFACE	N	ALUMINUM	WHITE	
TG-3										
121	275	TRANSFER	EGGCRATE	24"x12"	12"x12"	LAY-IN	N	ALUMINUM	WHITE	

HOT WATER UNIT HEATER													
UH-#	LOCATION	OUTPUT (MBH)	FLOW (GPM)	MAX PD (FT WG)	EWI (°F)	LWT (°F)	AIRFLOW (CFM)	EAT (°F)	LAT (°F)	THROW	HP	MOTOR VOLT	PH
1	B20 MAINTENANCE STORAGE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
2	B19 MAINTENANCE STORAGE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
3	B24 MAINTENANCE	11.1	1.1	0.5	180	160	400	60	90	9' - 0"	1/30	120	1
4	400 PENTHOUSE	53	2.7	0.5	180	160	1340	60	103	16' - 0"	1/10	120	1

FIN TUBE HEATER										
FT-#	TYPE	RADIATION			ENCLOSURE				MANUF	MODEL
		BTU/FT	AVG WATER TEMP (°F)	ROWS	BOTTOM INSTALL HEIGHT A.T.F.	DEPTH	HEIGHT	MOUNTING		
1	SLOPED TOP	740	170	1	4"	4"	8"	WALL	RITTILING	SBG5

RELIEF FAN													
RF-#	LOCATION	SERVES	TYPE	AIRFLOW (CFM)	ESP (°WG)	DAMPER	DRIVE	MOTOR				MANUF	MODEL
								HP	RPM	VOLT	PH		
1	B20 MAINTENANCE STORAGE	AHU-1	INLINE	12500	0.75	BY TOC	BELT	5	793	208	3	YES	GREENHECK
2	ROOF	AHU-2	DOWNBLAST	11600	1.25	MOTORIZED	BELT	5	636	208	3	INTEGRAL	GB-360-VG
3	PENTHOUSE	AHU-3	INLINE	4500	0.75	BY TOC	DIRECT	2	1214	208	3	INTEGRAL	GB-240
4	ROOF	RAHU-2	DOWNBLAST	6350	0.75	MOTORIZED	BELT	2	861	208	3	YES	GREENHECK

EXHAUST FAN													
EF-#	LOCATION	SERVES	TYPE	AIRFLOW (CFM)	ESP (°WG)	DAMPER	DRIVE	MOTOR				MANUF	MODEL
								HP	RPM	VOLT	PH		
1	B24 MAINTENANCE	ANNEX AND CONNECTOR EXHAUST	INLINE	500	0.25	MOTORIZED	DIRECT	1/6	1450	208	1	INTEGRAL	SQ-90-VG
2	PENTHOUSE	BASEMENT EXHAUST	UTILITY	1690	0.75	MOTORIZED	DIRECT	3/4	1350	208	3	YES	USF-13-B7
3	COURTHOUSE RESTROOMS	ANNEX AND CONNECTOR EXHAUST	INLINE	300	0.25	MOTORIZED	DIRECT	1/6	1450	208	1	INTEGRAL	SQ-90-VG

P-#	LOCATION	SERVES	TYPE	FLUID	CONNECTION SIZE		FLOW (GPM)	TOTAL HEAD (FT)	MOTOR				MANUF	MODEL	REMARKS
					SUCTION	DISCHARGE			HP	RPM	VOLT	PH			
1	B18 MECHANICAL	HOT WATER	END SUCTION	HOT WATER	2"	3"	250	100	10	1800	208	3	BELL & GOSSETT	2 EB	
2	B18 MECHANICAL	HOT WATER	END SUCTION	HOT WATER	2"	3"	250	100	10	1800	208	3	BELL & GOSSETT	2 EB	
3	B24 MAINTENANCE	AHU-1	INLINE	HOT WATER	2"	3"	37	6	1	1725	208	1	INTEGRAL	E-60 ECM	
4	343 LOBBY	RAHU-2	INLINE	HOT WATER	1 1/4"	1 1/4"	9	5	1	1036	208	1	INTEGRAL	E-60 ECM	
5	PENTHOUSE	AHU-3	INLINE	HOT WATER	1 1/2"	1 1/2"	16	4.4	1	7251	208	1	INTEGRAL	E-60 ECM	
6	122 MECHANICAL	CHANGE-OVER LOOP	INLINE	HOT WATER	2"	2"	67	35	1	1725	208	1	INTEGRAL	E-60 ECM	TEMPORARY UNIT UNTIL PHASE 2 WORK

FAN COIL UNIT																											
FCU-#	LOCATION	TYPE	FAN QTY	AIRFLOW	MIN OA (CFM)	ESP (IN WC)	HEATING COIL						COOLING COIL						MOTOR				MANUF	MODEL	REMARKS		
							EAT (°F)	LAT (°F)	CAPACITY (MBH)	FLOW (GPM)	WATER PD (FT WC)	EWI (°F)	LWT (°F)	EAT (°F)	LAT (°F)	FACE VELOCITY (FT/MIN)	FLOW (GPM)	WATER PD (FT WC)	TOTAL CAPACITY (MBH)	QTY	HP (EACH)	VOLT				PHASE	
1	218 LOBBY	HORIZONTAL	2	800	0	0.25	50	114	56	2.8	12	180	140	78	65	55	325	34	6.2	25	1	1/4	115	1	DAIKIN	FCHH	

BCU-#	LOCATION	TYPE	FAN QTY	AIRFLOW (CFM)	MIN OA (CFM)	ESP (IN WC)	HEATING COIL				COOLING COIL				MOTOR		
							EAT (°F)	LAT (°F)	CAPACITY (MBH)	FLOW (GPM)	WATER PD (FT WC)	EWI (°F)	LWT (°F)	FACE VELOCITY (FT/MIN)	FLOW (GPM)	WATER PD (FT WC)	TOTAL CAPACITY (MBH)
1	115 MECHANICAL	VERTICAL	1	1750	0	0.5	70	118	92.7	9.5	1.12	180	160	75	64	53	281

RTU SCHEDULE																		
RTU-#	SERVES	NOMINAL TONNAGE	SUPPLY FAN CHARACTERISTICS				RELIEF FAN CHARACTERISTICS				FILTER SECTION				COOLING COIL			
			AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	AIRFLOW (CFM)	ESP (IN WG)	MOTOR HP	AIRFLOW (CFM)	ESP (IN WG)	MOTOR HP	TYPE	RATING	TYPE	RATING	REFRIGERANT TYPE	MFR
			3,205	550	1.5	3	3200	0.25	1	PLEATED	MERV 8	PLEATED	MERV 13	3,200	118	78	65	53

ROOFTOP AHU SCHEDULE																																								
RAHU-#	SERVES	SUPPLY FAN CHARACTERISTICS					FILTER SECTION				HEATING COIL										COOLING COIL					ELECTRICAL				MFR	MODEL	REMARKS								
		AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	MOTOR HP	VFD	TYPE	RATING	TYPE	RATING	DESIGN AIRFLOW (CFM)	HEATING CAPACITY (MBH)	EAT (°F)	LAT (°F)	FACE VELOCITY @ MAX AIRFLOW (CFM)	AIR P.D. @ MAX AIRFLOW (WG)	FLUID TYPE	GPM	EWI (°F)	LWT (°F)	MAX WATER P.D.	AIRFLOW (CFM)	COOLING CAPACITY (MBH)	EAT (°F)	LAT (°F)	FACE VELOCITY (FPM)	AIR P.D. (WG)	FLUID TYPE				GPM	EWI (°F)	LWT (°F)	MAX WATER P.D.	VOLT	PH		
2	CONNECTOR 2ND & 3RD FLOOR	6,350	1,040	PLENUM	1.5	7.5	YES	PLEATED	MERV 8	PLEATED	MERV 13	2,650	96000	37	70	518	0.1	WATER	10	180	160	5.8	6,350	275	77	66	53	52	484	0.80	WATER	40	42	57	5.5	208	3	DAIKIN	OAH	

AHU SCHEDULE																																									
AHU-#	SERVES	SUPPLY FAN CHARACTERISTICS					FILTER SECTION				HEATING COIL										COOLING COIL										ELECTRICAL			MFR	MODEL	REMARKS					
		AIRFLOW (CFM)	MIN OA (CFM)	WHEEL TYPE	ESP (IN WG)	MOTOR HP	VFD	TYPE	RATING	TYPE	RATING	DESIGN AIRFLOW (CFM)	HEATING CAPACITY (MBH)	EAT (°F)	LAT (°F)	FACE VELOCITY @ MAX AIRFLOW (CFM)	AIR P.D. @ MAX AIRFLOW (WVG)	FLUID TYPE	GPM	EWT (°F)	LWT (°F)	MAX WATER P.D.	AIRFLOW (CFM)	COOLING CAPACITY (MBH)	EAT (°F)		LAT (°F)		FACE VELOCITY (FPM)	AIR P.D. (TWG)	FLUID TYPE	GPM	EWT (°F)				LWT (°F)	MAX WATER P.D.	VOLT	PH	MOCP
																									DB	WB	DB	WB													
1	ANNEX BASEMENT & 1ST FLOOR	12,450	3,600	PLENUM	1.75	6.6X2	YES	PLEATED	MERV 8	PLEATED	MERV 13	6,475	332	23	70	273	0.09	WATER	33	180	160	5.8	12,450	580	79	67	53	52	460	0.70	WATER	83	42	57	17.1	208	3		DAIKIN	CAH	3-WAY VALVE ON COOLING COIL
3	FUTURE COURTHOUSE	4,500	1,670	PLENUM	1.5	7.5	YES	PLEATED	MERV 8	PLEATED	MERV 13	2,250	155	7	70	250	0.1	WATER	16	180	160	4.4	4,500	225	80	68	53	52	471	0.76	WATER	32	42	57	10.4	208	3		DAIKIN	CAH	

VAV WITH HOT WATER COIL																
VAV#	SYSTEM	SERVICE	MAX AIRFLOW (CFM)		OCV AIRFLOW (CFM)	MIN AIRFLOW (CFM)		INLET SIZE	MAX PD (INCH)	HOT WATER BOOSTER COIL			HOT WATER BOOSTER COIL			REMARKS
			COOLING	HEATING		OCCUPIED	UNOCC.			MIN HEATING CAPACITY (MBH)	NO OF ROWS	WATER FLOW (GPM)	PIPE SIZE (INCH)	WATER PD (FT WC)	EAT (°F)	
1-1	AHU-1	005.1 BREAK ROOM	100	50		50	0	6"	0.5	1.7	2	0.5	3/4"	5	55	85
1-2	AHU-1	C00 CONCOURSE, 003.2 ARCHIVE, 003.1 STORAGE, 003 MAINTENANCE OFFICE	495	145		145	0	8"	0.5	4.8	2	0.5	3/4"	5	55	85
1-3	AHU-1	001.6 JUSTICE DIVERSION OFFICE, 001.4 JUSTICE DIVERSION STORAGE	405	140		140	0	8"	0.5	4.6	2	0.5	3/4"	5	55	85
1-4	AHU-1	002.3 MIS STORAGE, 002.4 TELC/DATA	250	125		125	0	6"	0.5	4.1	2	0.5	3/4"	5	55	85
1-5	AHU-1	002.4 TELC/DATA	285	85		85	0	6"	0.5	2.8	2	0.5	3/4"	5	55	85
1-6	AHU-1	002.1 MIS STORAGE, 002.2 MAINTENANCE STORAGE, 002 MIS STORAGE	465	135		135	0	8"	0.5	4.4	2	0.5	3/4"	5	55	85
1-7	AHU-1	001. SUITE ENTRY, 001.2 JUSTICE DIVERSION OFFICE, 001.5 JUSTICE DIVERSION OFFICE,001.3 JUSTICE DIVERSION OFFICE, 001.1 JUSTICE DIVERSION ENTRANCE	410	205		205	0	8"	0.5	6.7	2	0.7	3/4"	5	55	85
1-8	AHU-1	C01 CORRIDOR, C02 CORRIDOR	450	155		155	0	8"	0.5	5.1	2	0.5	3/4"	5	55	85
1-9	AHU-1	107 JURY ASSEMBLY 107.1 CLO, 107.2 STUDY ROOM, 107.3 LIBRARY SUPPLIES	2995	1115	680	520	0	16"	0.5	48.4	2	4.9	1"	5	55	95
1-10	AHU-1	107.4 CONFERENCE	350	170		80	0	8"	0.5	7.4	2	0.8	3/4"	5	55	95
1-11	AHU-1	108.5 BUILDING SERVICES OFFICE	350	245		70	0	6"	0.5	10.7	2	1.1	3/4"	5	55	95
1-12	AHU-1	107.4 BUILDING SERVICES OFFICE	350	350		70	0	6"	0.5	15.2	2	1.6	3/4"	5	55	95
1-13	AHU-1	108.2 HALL, 104.5 HALL 108 BUILDING SERVICES OFFICE	325	180		180	0	6"	0.5	7.9	2	0.6	3/4"	5	55	85
1-14	AHU-1	104.7 EM DIRECTOR OFFICE, 104.6 EM ASST., 108.3 BUILDING SERVICES OFFICE	455	190		190	0	8"	0.5	6.2	2	0.7	3/4"	5	55	85
1-15	AHU-1	104 EMBS MEETING ROOM	630	185	335	130	0	8"	0.5	6.1	2	0.6	3/4"	5	55	85
1-16	AHU-1	104.3 BACKUP DISPATCH, 104.1 EM STORAGE	250	75		75	0	6"	0.5	2.5	2	0.5	3/4"	5	55	85
1-17	AHU-1	C100 CORRIDOR	420	125		125	0	8"	0.5	4.1	2	0.5	3/4"	5	55	85
1-18	AHU-1	V1 ENTRY VESTIBULE, 100 SECURITY SCREENING	865	740		175	0	10"	0.5	32.2	2	3.3	3/4"	5	55	95
1-19	AHU-1	100.1 SECURITY OFFICE, 101.1 OFFICE, 101.2 OFFICE	760	410		155	0	10"	0.5	17.8	2	1.8	3/4"	5	55	95
1-20	AHU-1	101 MIS OFFICE INT.	470	140		140	0	8"	0.5	4.6	2	0.5	3/4"	5	55	85
1-21	AHU-1	102.2 MIS SET-UP ROOM	240	70		70	0	6"	0.5	2.3	2	0.5	3/4"	5	55	85
1-22	AHU-1	102 MIS TRAINING ROOM	1485	650		650	0	12"	0.5	28.3	2	2.9	3/4"	5	55	95
1-23	AHU-1	101 MIS OFFICE EXTERIOR	900	830		830	0	10"	0.5	36.1	2	3.6	1"	5	55	95
2-1	AHU-2	210.7 ADMIN ASSIST, 210.10 PARALEGAL OFFICE	215	170		45	0	6"	0.5	7.4	2	0.8	3/4"	5	55	95
2-2	AHU-2	210.5 CS SPECIALIST, 210.6 TEMP SUPPORT	195	60		40	0	6"	0.5	2.6	2	0.5	3/4"	5	55	95
2-3	AHU-2	214.1 ADMIN ASSIST, 210 HALL	365	105		105	0	8"	0.5	4.6	2	0.5	3/4"	5	55	95
2-4	AHU-2	210.4 CS ADMIN	205	75		45	0	6"	0.5	3.3	2	0.5	3/4"	5	55	95
2-5	AHU-2	210.3 CS SPECIALIST	265	75		55	0	6"	0.5	3.3	2	0.5	3/4"	5	55	95
2-6	AHU-2	210.2 CLERICAL, 210.1 OFFICE	535	160		110	0	8"	0.5	7	2	0.7	3/4"	5	55	95
2-7	AHU-2	208.2 CASE FILES, 208.3 ATTY/CLIENT CONFERENCE, 210.11 CHLD SUPPORT OFFICE	365	180		180	0	8"	0.5	5.9	2	0.6	3/4"	5	55	85
2-8	AHU-2	208 LOBBY	700	210		140	0	8"	0.5	6.9	2	0.7	3/4"	5	55	85
2-9	AHU-2	209.1 OFFICE, 209.2 CONFERENCE	330	165		165	0	6"	0.5	5.4	2	0.6	3/4"	5	55	85
2-10	AHU-2	213.1 CLERK/TYPIST, 211 HALL	330	130		130	0	6"	0.5	5.7	2	0.6	3/4"	5	55	95
2-11	AHU-2	211.1 ATTORNEY OFFICE	200	60		40	0	6"	0.5	2.6	2	0.5	3/4"	5	55	95
2-12	AHU-2	211.6 PARALEGAL OFFICE, 211.5 OFFICE MANAGER	610	180		125	0	8"	0.5	7.9	2	0.8	3/4"	5	55	95
2-13	AHU-2	211.4 DISTRICT ATTORNEY OFFICE, 211.3 ATTORNEY OFFICE, 211.2 ATTORNEY OFFICE	585	175		120	0	8"	0.5	7.6	2	0.8	3/4"	5	55	95
2-14	AHU-2	211.9 OFFICE, 211.8 LIBRARY, 211.7 PARALEGAL OFFICE	510	255		255	0	8"	0.5	11.1	2	1.2	3/4"	5	55	95
2-15	AHU-2	314.2 ANTE, 314.1 ANTE, 314 COURTROOM SOUTH	1665	505	505	335	0	14"	0.5	21.5	2	2.2	3/4"	5	55	95
2-16	AHU-2	314 COURTROOM NORTH	1350	805	605	270	0	12"	0.5	30.6	2	3.1	3/4"	5	55	90
2-17	AHU-2	313.1 CT COMMISSIONER OFFICE, C303.1 CORRIDOR, 311 COURT REPORTER	600	180		120	0	8"	0.5	7.9	2	0.8	3/4"	5	55	95
2-18	AHU-2	313 COURT EAST	1200	630	630	295	0	12"	0.5	27.4	2	2.8	3/4"	5	55	95
2-19	AHU-2	313 COURT WEST	600	360	360	120	0	8"	0.5	15.7	2	1.6	3/4"	5	55	95
2-20	AHU-2	C305 CORRIDOR NORTH	600	180		120	0	8"	0.5	5.9	2	0.6	3/4"	5	55	85
2-21	AHU-2	312.6 TOILET, C305 CORRIDOR SOUTH	645	190		130	0	8"	0.5	6.2	2	0.7	3/4"	5	55	85
2-22	AHU-2	212.2 BALIFF OFFICE, C304.1 CORRIDOR	500	150		100	0	8"	0.5	6.6	2	0.7	3/4"	5	55	95
2-23	AHU-2	312.3 JURY	1000	300	245	200	0	10"	0.5	13.1	2	1.3	3/4"	5	55	95
2-24	AHU-2	312.5 TOILET, 323 CONFERENCE, 312.4 BREAK	735	265	265	150	0	10"	0.5	11.6	2	1.2	3/4"	5	55	95
3-1	RAHU-1	202.4 CLERK OF COURTS OFFICE, 202.4A CLERK OFFICE, 202.4B CLERK MEZZANINE	700	460		140	0	8"	0.5	20	2	2	3/4"	5	55	95
3-2	RAHU-1	201.4 CLERK OF COURTS OFFICE, 201.4A CLERK OFFICE, 201.4B CLERK MEZZANINE	900	515		180	0	10"	0.5	22.4	2	2.3	3/4"	5	55	95
3-3	RAHU-1	202 PROBATE OFFICE, 202.2 OFFICE, 201.1 HALL, 202.3 PROBATE WAITING	1040	415		415	0	12"	0.5	13.6	2	1.2	3/4"	5	55	85
3-4	RAHU-1	C200 CORRIDOR, 201 CLERK OF COURTS OFFICE	850	340		340	0	10"	0.5	11.1	2	1.5	3/4"	5	55	85
3-5	RAHU-1	201A CLERK MEZZANINE, 201.1 OFFICE, 201.3 OFFICE, 201.2 OFFICE	675	325		205	0	8"	0.5	14.1	2	1.5	3/4"	5	55	95
3-6	RAHU-1	206 LOBBY, C203 CORRIDOR, S4 STAIR 4, 207 LOBBY, C202 CORRIDOR	570	170		170	0	8"	0.5	5.6	2	0.6	3/4"	5	55	85
3-7	RAHU-1	203 COURTROOM SOUTH	750	320	320	150	0	10"	0.5	10.5	2	1.1	3/4"	5	55	85
3-8	RAHU-1	203 COURTROOM NORTH	750	330	330	150	0	10"	0.5	10.8	2	1.1	3/4"	5	55	85
3-9	RAHU-1	204 COURTROOM SOUTH	800	360	360	160	0	10"	0.5	11.8	2	1.2	3/4"	5	55	85
3-10	RAHU-1	204 COURTROOM NORTH	800	340	340	160	0	10"	0.5	11.1	2	1.2	3/4"	5	55	85
3-11	RAHU-1	203.5 COURT REPORTER, 203.1 HALL, 203.2 JUDICIAL ASSISTANT OFFICE, C201 CORRIDOR	450	135		135	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
3-12	RAHU-1	203.3 JUDGE'S CHAMBERS	200	150		40	0	6"	0.5	6.6	2	0.7	3/4"	5	55	95
3-13	RAHU-1	204.2 JURY	750	445		225	0	10"	0.5	19.4	2	2	3/4"	5	55	95
3-14	RAHU-1	203.6 REPORTER STORAGE, 203.7 JURY	650	455		195	0	8"	0.5	19.8	2	2	3/4"	5	55	95
4-1	RAHU-2	210.12 ASSISTANT CORP. COUNSEL OFFICE, 206.3 COJURT REPORTER	465	135		95	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
4-2	RAHU-2	206.5 JUDGES CHAMBERS	400	120		120	0	8"	0.5	5.3	2	0.6	3/4"	5	55	95
4-3	RAHU-2	206.4 CONFERENCE, 206.2 JUDICIAL ASSISTANT OFFICE	300	180		180	0	6"	0.5	5.9	2	0.6	3/4"	5	55	85
4-4	RAHU-2	207.3 BREAK ROOM	475	235		235	0	8"	0.5	7.7	2	0.8	3/4"	5	55	85
4-5	RAHU-2	209.3 OFFICE	200	60		40	0	6"	0.5	2	2	0.5	3/4"	5	55	85
4-6	RAHU-2	207.5 RECEPTION, 207.4 SECURE WAITING	400	240		240	0	8"	0.5	7.9	2	0.8	3/4"	5	55	85
4-7	RAHU-2	207.7 VIC/WIT SUPPORT, 207.6 VIC/WIT COORD	580	170		120	0	8"	0.5	7.4	2	0.8	3/4"	5	55	95
4-8	RAHU-2	207.8 ATTORNEY OFFICE	320	95		65	0	6"	0.5	4.2	2	0.5	3/4"	5	55	95
4-9	RAHU-2	207.9 PLOCE SIGN-IN	300	90		60	0	6"	0.5	4	2	0.5	3/4"	5	55	95
4-10	RAHU-2	309.4 OFFICE, 309.5 CLOSET	200	60		60	0	6"	0.5	2.7	2	0.5	3/4"	5	55	95
4-11	RAHU-2	309.6 ATTY/CLIENT OFFICE, 309.3 OFFICE	450	135		90	0	8"	0.5	5.9	2	0.6	3/4"	5	55	95
4-12	RAHU-2	C303 CORRIDOR, 309 LOBBY	300	90		125	0	6"	0.5	5.5	2	0.6	3/4"	5	55	95
4-13	RAHU-2	310.2 OFFICE, 310.3 OFFICE	300	90		90	0	6"	0.5	4	2	0.5	3/4"	5	55	95
4-14	RAHU-2	335 CONFERENCE	610	180		125	0	8"	0.5	7.9	2	4563.1	3/4"	5	55	95
4-15	RAHU-2	336 JUDGES CHAMBERS	750	565		150	0	10"	0.5	18.4	2	1.9	3/4"	5	55	85
4-16	RAHU-2	C304 CORRIDOR, 310.1 RECORDS, 310 OFFICE	580	170		170	0	8"	0.5	5.6	2	0.6	3/4"	5	55	85