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Arkansas #1654	Missouri #2018035834
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Louisiana #EF0006882	

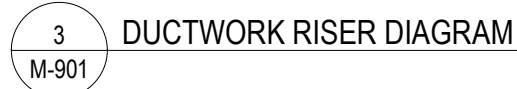
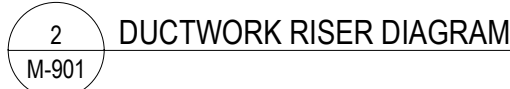
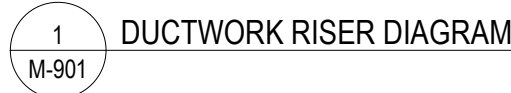
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**OK ISLAND
MARINA
RESTAURANT**

REVISIONS		
NO.	DESCRIPTION	DATE

DUCT RISER DIAGRAMS

M-901



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General Plan Symbols		
	Plan Revision Number	
	Detail Number on Sheet	
	Sheet Number Where Detail is Placed	
	Keynote Symbol	
	Continuation Symbol	
	Point Where New Connects To Existing	
	Room Name / Number	
	Area Being Demolished	
	Area Not In Contract	
	1/2" Door Undercut	

Abbreviations		
Ø	ROUND	LVR LOUVER
ABV	ABOVE	LWT LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A MIXED AIR
AD	AREA DRAIN	MAX MAXIMUM
ADD	ADDENDUM	MBH ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD MOTORIZED DAMPER
ALT	ALTERNATE	MECH MECHANICAL
AP	ACCESS PANEL	MFR MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN MINIMUM
BFF	BELOW FINISHED FLOOR	MISC MISCELLANEOUS
BLW	BELOW	MTR MOTOR
BTU	BRITISH THERMAL UNITS	MU/A MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC NOISE CRITERIA
CAP	CAPACITY	NC NORMALLY CLOSED
CB	CATCH BASIN	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO NUMBER
CLG	CEILING	NO NORMALLY OPEN
CO	CLEAN OUT	NTS NOT TO SCALE
CW	COLD WATER	O OXYGEN
D	DEGREE	O/A OUTSIDE AIR
DB	DRY BULB	ORD OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD PRESSURE DROP
DN	DOWN	PIV POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG PLUMBING
EA	EACH	PRESS PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG POUNDS PER SQUARE INCH GAUGE
EW	ELECTRIC WATER COOLER	PWR POWER
EWT	ENTERING WATER TEMPERATURE	R DUCT RISER
E/A	EXHAUST AIR	R/A RETURN AIR
EXIST	EXISTING	RCP RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC RECESSED
FD	FLOOR DRAIN	RED REDUCER
FDC	FIRE DEPARTMENT CONNECTION	RH RELATIVE HUMIDITY
FL	FLOOR	RL/A RELIEF AIR
FO	FUEL OIL	RM ROOM
FOV	FUEL OIL VENT	RPM REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW RAIN WATER
FOS	FUEL OIL SUPPLY	SF SQUARE FOOT
FPM	FEET PER MINUTE	S/A SUPPLY AIR
FS	FLOOR SINK	SAN SANITARY
FT	FOOT/FEET	SF SQUARE FOOT
FTR	FIN TUBE RADIATION	SD SMOKE DAMPER
GAL	GALLON	SM SURFACE MOUNT
GF	GAS-FIRED	SP STANDPIPE
GC	GENERAL CONTRACTOR	SP STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM STEAM
GW	GREASE WASTE	T THERMOSTAT
HB	HOSE BIB	TD TEMPERATURE DROP
HP	HORSE POWER	TDR TRENCH DRAIN
HTG	HEATING	TEMP TEMPERATURE
HTR	HEATER	TYP TYPICAL
HW	HOT WATER	UG UNDERGROUND
HYD	HYDRANT	VAC VACUUM
ID	INDIRECT	V VENT
IN	INCH	VAV VARIABLE AIR VOLUME
INV	INVERT	VENT VENTILATION
LB	POUND	VTR VENT THROUGH ROOF
LB/HR	POUNDS PER HOUR	W WASTE
LAT	LEAVING AIR TEMPERATURE	WB WET BULB
LP	LOW PRESSURE	WCO WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH WALL HYDRANT

Equipment Abbreviations		
AC	AIR CONDITIONING UNIT	ET EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EWB ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU FAN COIL UNIT
AS	AIR SEPARATOR	FP FIRE PUMP
B	BOILER	GI GREASE INTERCEPTOR
CH	CHILLER	GRV GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU ROOFTOP UNIT
DGP	DOMESTIC WATER CIRCULATING PUMP	SP SUMP PUMP
EF	EXHAUST FAN	UH UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH WATER HEATER

NOTE
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

HVAC Symbols	
	Sq. Duct Size (Width x Height)
" symbol"/>	Oval Duct Size (Width / Height)
	Round Duct Size (Diameter)
	Existing Duct To Remain
	Duct To Be Demolished
	Supply Air
	Ventilation Air
	Outdoor Air
	Return Air
	Transfer Air
	Building Relief Air
	General Exhaust Air
	Kitchen Exhaust Duct
	Laboratory Hood
	Env. Tobacco Smoke
	Flue Gas Vent
	Combustion Air
	Rect. Supply Duct Rise / Drop
	Round Supply Duct Rise / Drop
	Rect. Return Duct Rise / Drop
	Round Return Duct Rise / Drop
	Rect. Exhaust Duct Rise / Drop
	Round Exhaust Duct Rise / Drop

Grille, Register, Diffusers	
	Ceiling Diffuser
	Round Diffuser
	Sidewall Register
	Linear Diffuser
	Sidewall Grille
	Ceiling Return

Mechanical Equipment	
	RTU-1
	RTU-1
	ET-1
	TF-1
	VAV 1-2
	AC-1
	(E)AHU-2
	(R)AHU-3

Damper Types	
	Manual Damper
	Motorized Damper
	Backdraft Damper
	Smoke Damper
	Fire Damper
	Comb. Fire/Smoke Damper

Mechanical Piping Symbols	
	Nominal Pipe Size
	Above Ground Piping
	Below Ground Piping
	Pipe Slope (When Applicable)
	Existing Pipe To Remain
	Pipe To Be Demolished
	Chilled-Water Return
	Chilled-Water Supply
	Condensate Drain
	Condenser-Water Return
	Condenser-Water Supply
	Geothermal-Water Return
	Geothermal-Water Supply
	Hot-Water Return
	Hot-Water Supply
	Natural Gas
	Liquid Propane
	Refrigerant Liquid
	Refrigerant Gas
	Refrigerant Discharge
	Steam Supply
	Steam Condensate Return
	Pipe Rise / Drop

Valve Types	
	2" SHUTOFF
	2" BAL
	2" BFV
	2" CHECK
	2" CHECK
	3" CIRC
	2" GATE
	2" GLOBE
	2" LOCK
	2" PRV
	2" QUICK
	2" STRAIN
	2" M-CNTRL
	4" 3-WAY CNTRL
	1" GAS-CNTRL
	1" PLUG
	1" GAS COCK
	1" REG

Mechanical Devices	
	AHU-1
	Duct Smoke Detector
	Temperature Sensor
	Temp/ Humidity Sensor
	Temp/ CO2 Sensor
	Thermostat
	Humidistat
	Humidity Sensor
	Carbon Dioxide Detector
	Carbon Monoxide Detector
	Hydrogen Gas Detector
	Hazardous Gas Detector
	Nitrogen Dioxide Detector
	Oxygen Gas Detector

MECHANICAL SHEET INDEX	
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M-111	HVAC MEZZANINE PLAN
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M-503	MECHANICAL DETAILS
M-504	MECHANICAL DETAILS
M-600	HVAC SCHEDULES
M-901	DUCT RISER DIAGRAMS

PROJECT GENERAL NOTES	
* COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.	
* THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.	
* FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.	
* LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.	
* ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.	
* LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.	
* FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATION.	
* PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.	
* ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.	
* REFER TO PLUMBING SERIES DRAWINGS FOR GAS AND A.C. CONDENSATE DRAIN PIPING.	
* PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.	
* FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.	
* INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.	
* LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.	
* INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.	

HVAC GENERAL NOTES	
* SUPPLY AND RETURN PIPING TO COILS ARE THE SAME SIZE.	
* CONTRACTOR SHALL LOCATE THERMOSTATS AND TEMPERATURE SENSORS AT 5'-0" AFF, A MINIMUM OF 8" FROM LIGHT SWITCH.	
* REFER TO PIPING DRAWINGS FOR THERMOSTAT AND TEMPERATURE SENSOR LOCATIONS.	
* CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER.	
* PROVIDE A 6" HOUSEKEEPING PAD FOR EACH PIECE OF MECHANICAL EQUIPMENT. COORDINATE SIZES WITH MECHANICAL EQUIPMENT SELECTED.	
* ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.	
* THIS CONTRACTOR SHALL BE REQUIRED TO REPLACE FILTERS ON HVAC EQUIPMENT AFTER ALL DUST PRODUCING CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO THE FINAL PUNCH.	

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JPE Job Number: 2611

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OK ISLAND MARINA RESTAURANT

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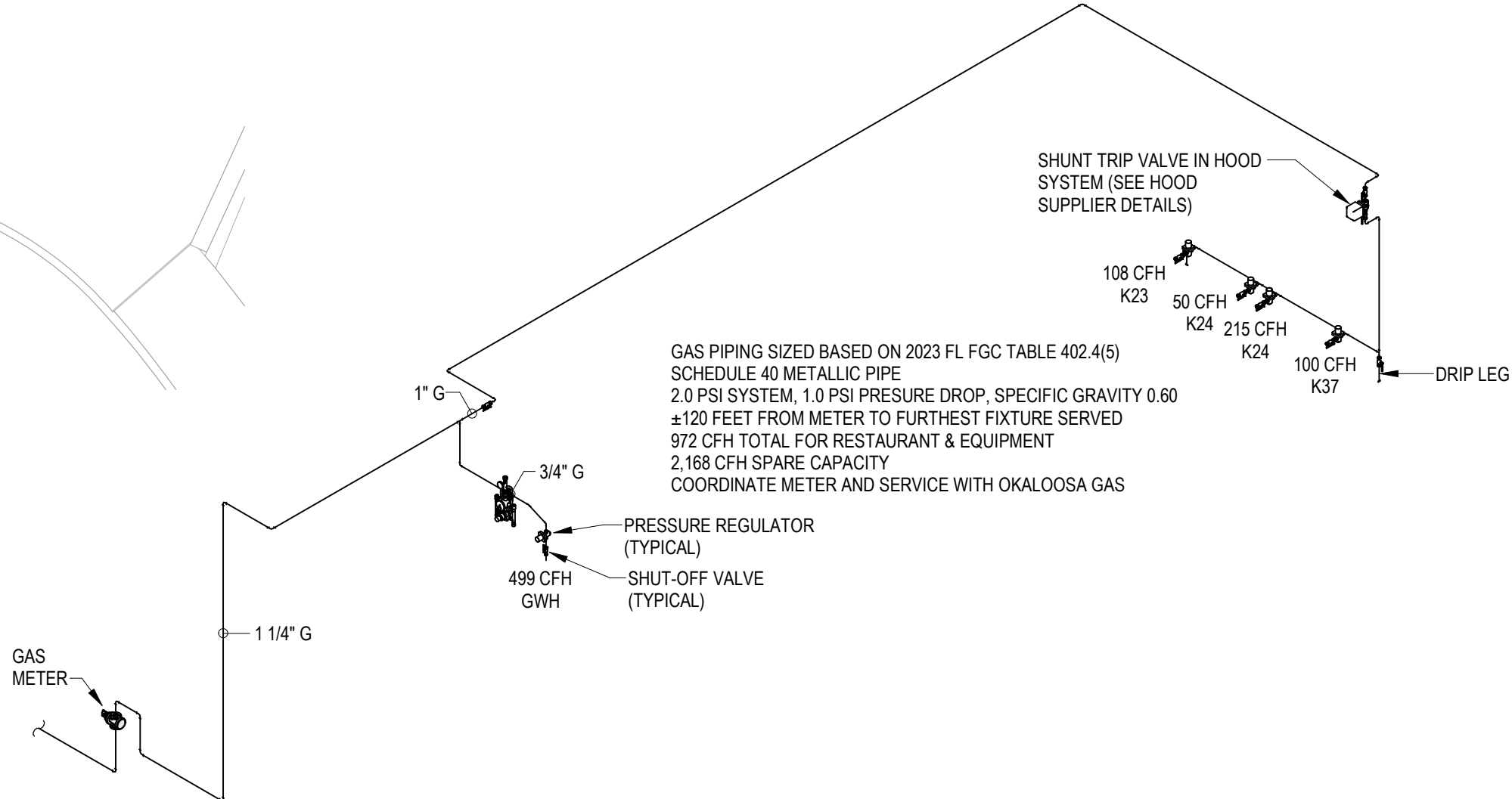
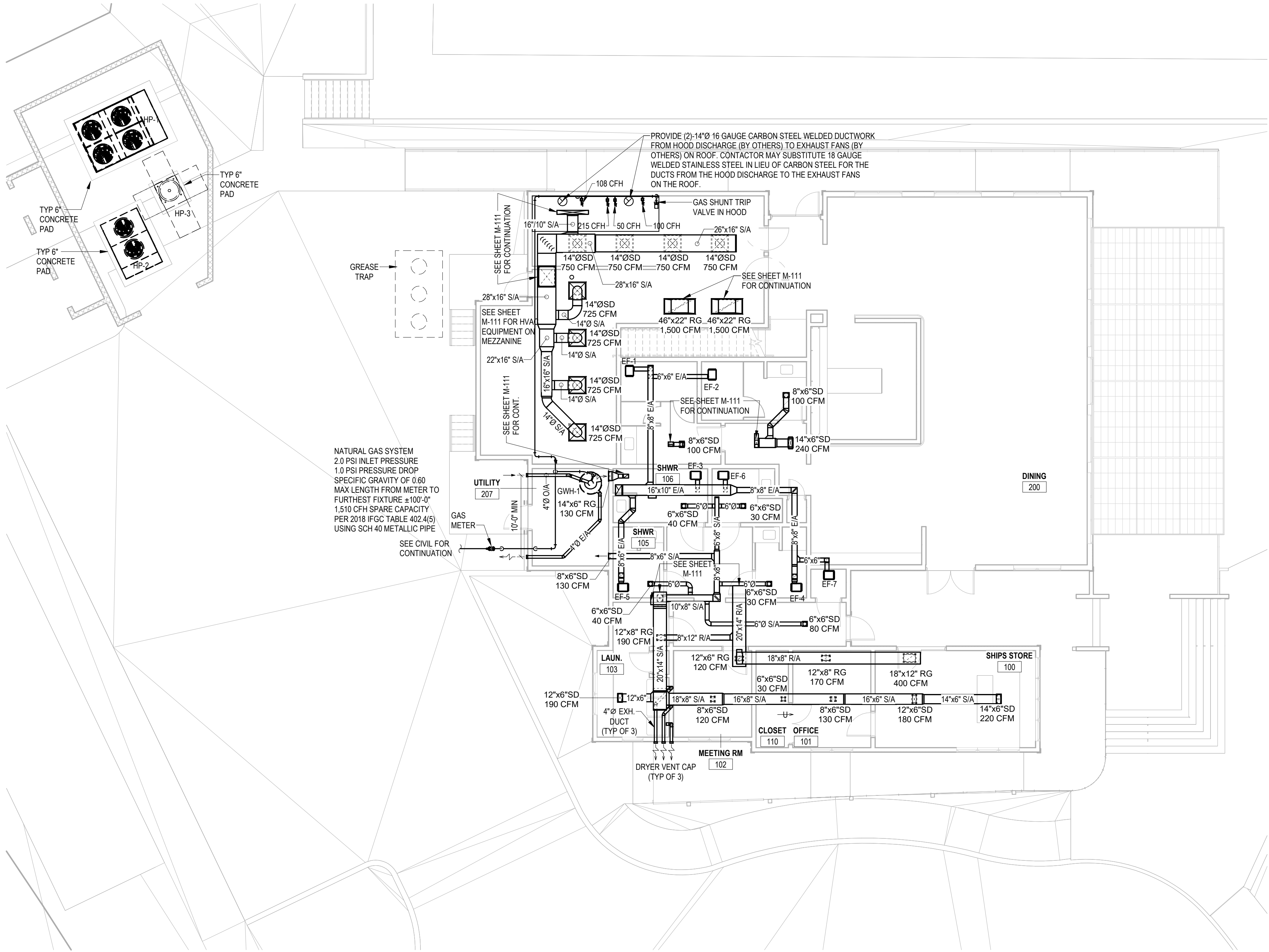
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HVAC TITLE SHEET

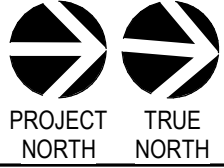
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1 HVAC FLOOR PLAN

1/8" = 1'-0"



2 GAS SUPPLY RISER DIAGRAM

NTS

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HVAC FLOOR
PLAN

M-101

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BOOK ISLAND MARINA RESTAURANT

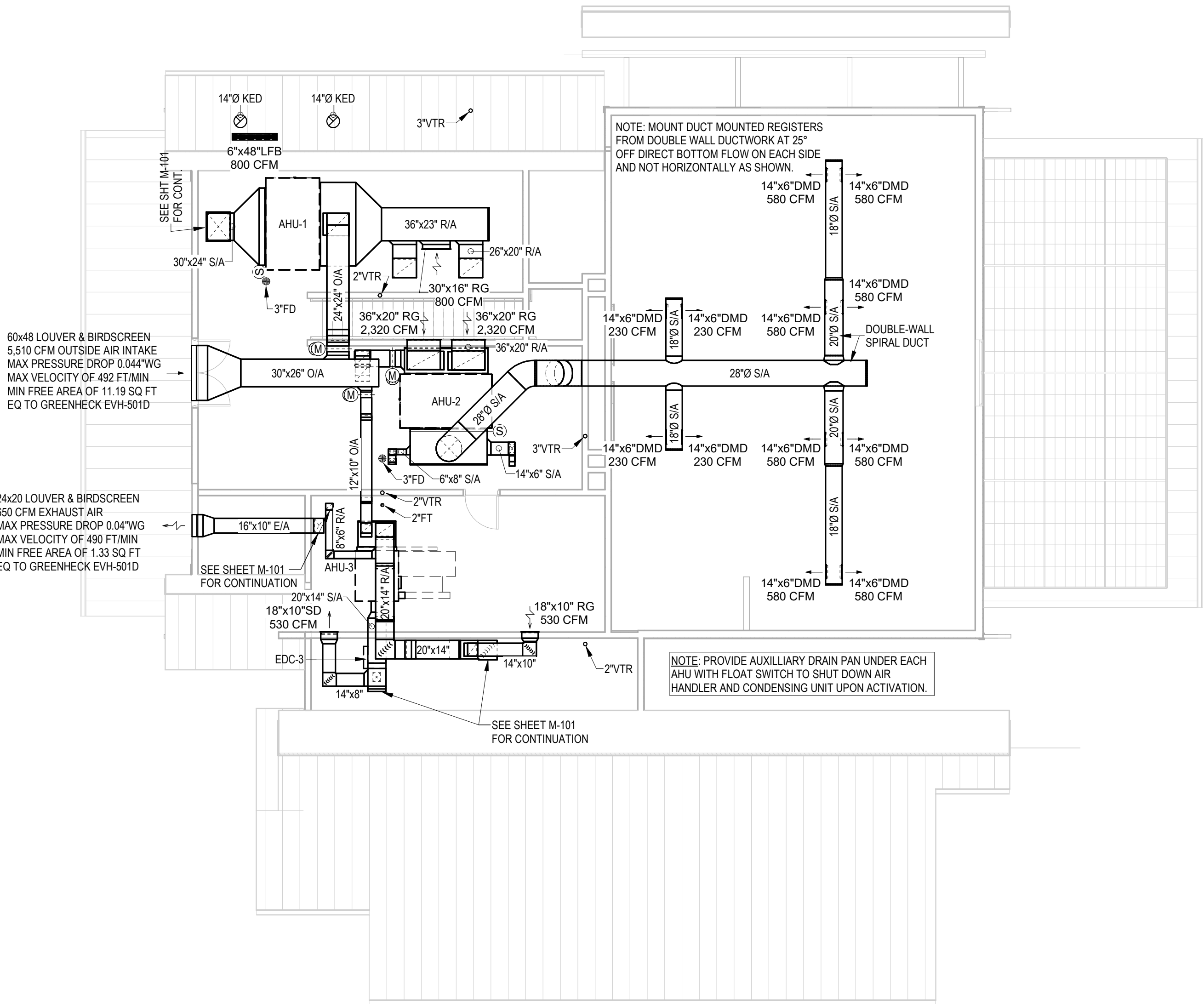
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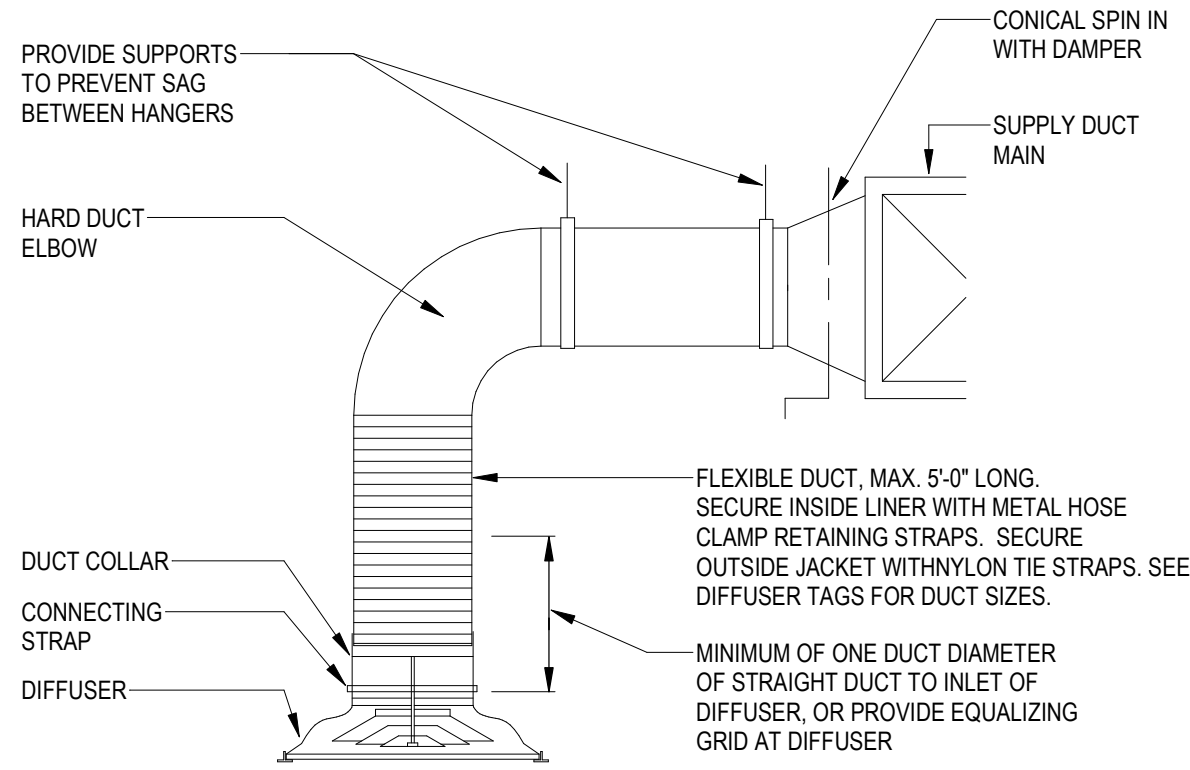
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HVAC MEZZANINE PLAN

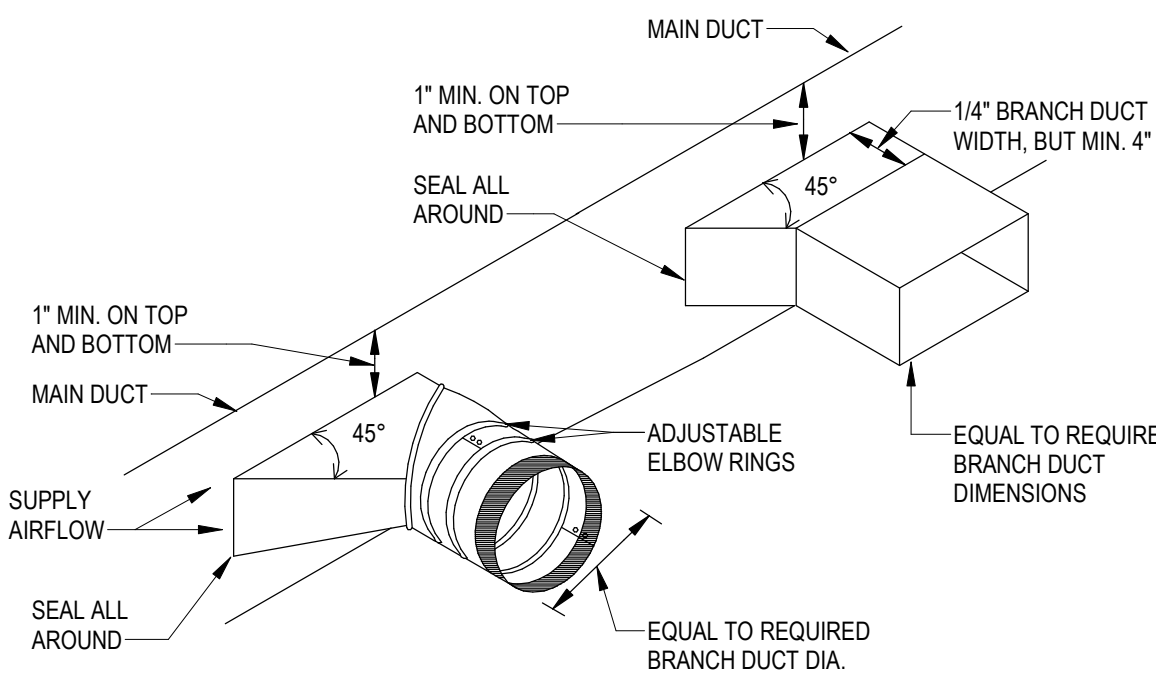
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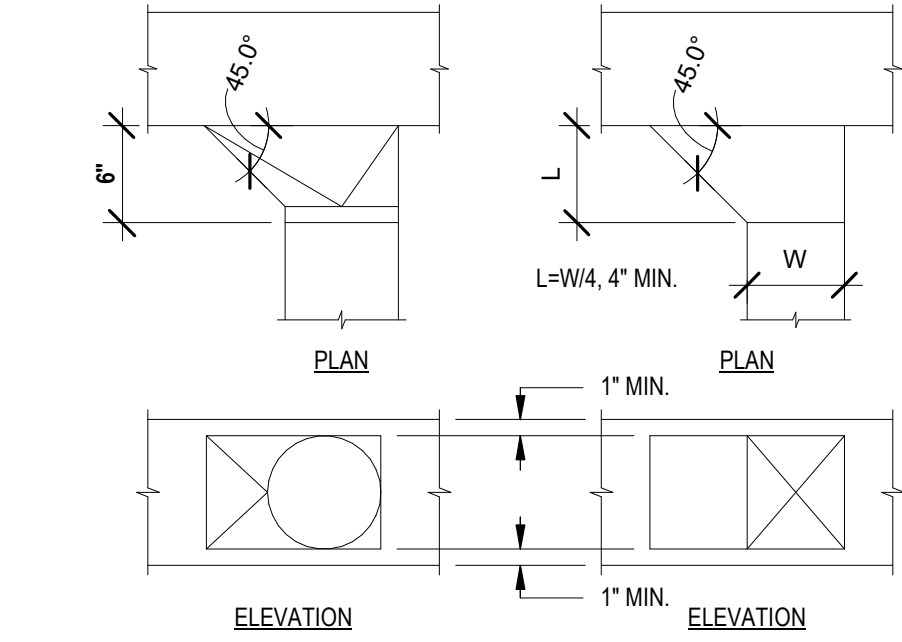
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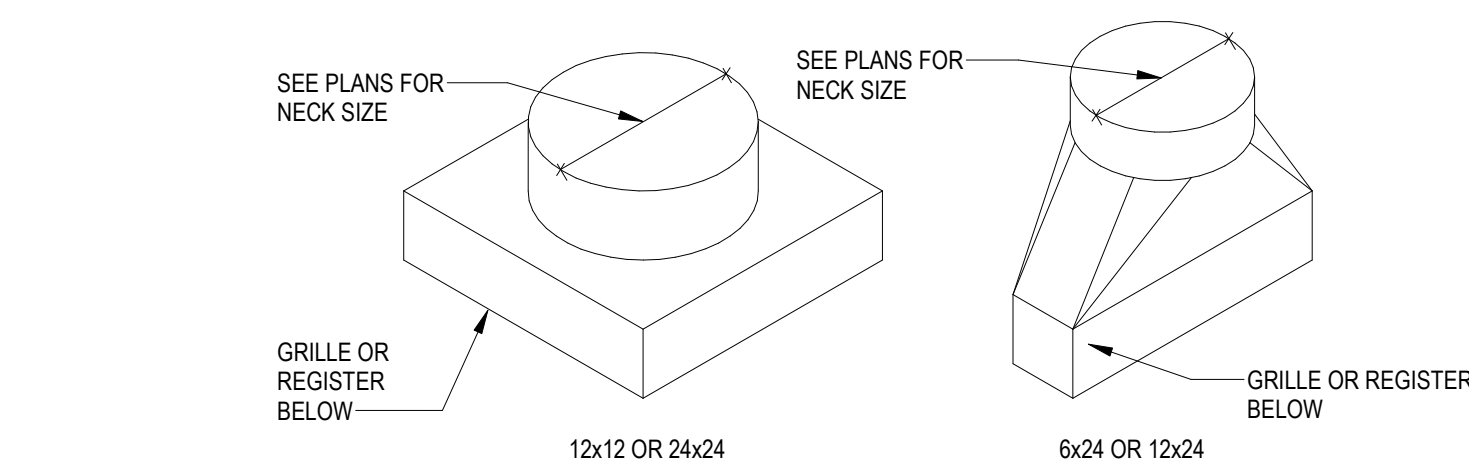
1 DIFFUSER FLEXIBLE DUCT CONNECTION
M-501 NOT TO SCALE



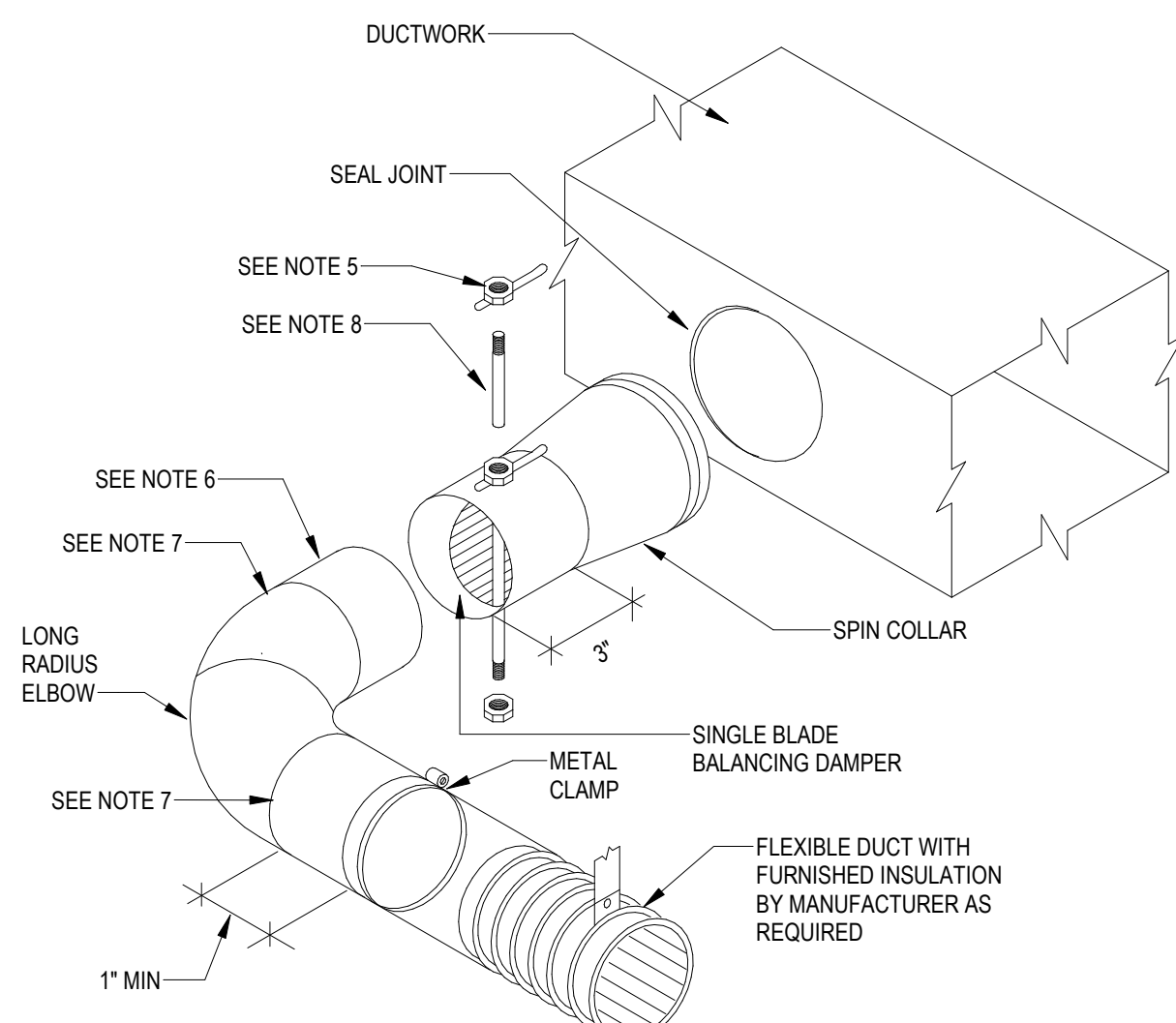
2 TYPICAL BRANCH TAKEOFF FITTING DETAIL
M-501 NOT TO SCALE



3 DUCT TAKE-OFF DETAIL
M-501 NOT TO SCALE

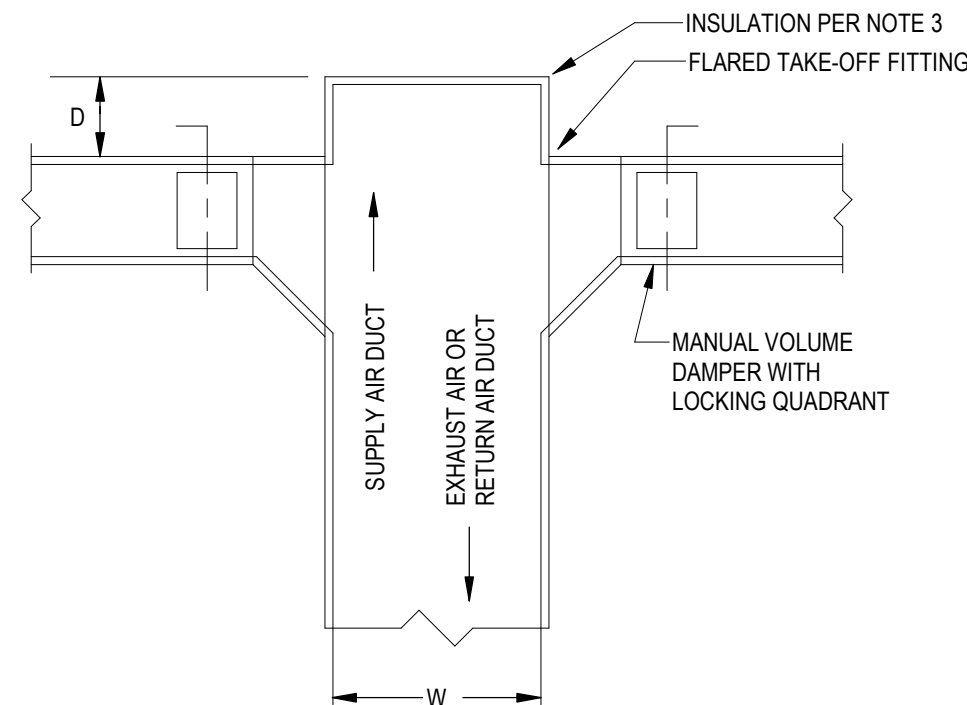


4 GRILLE & REGISTER BOOT DETAIL
M-501 NOT TO SCALE



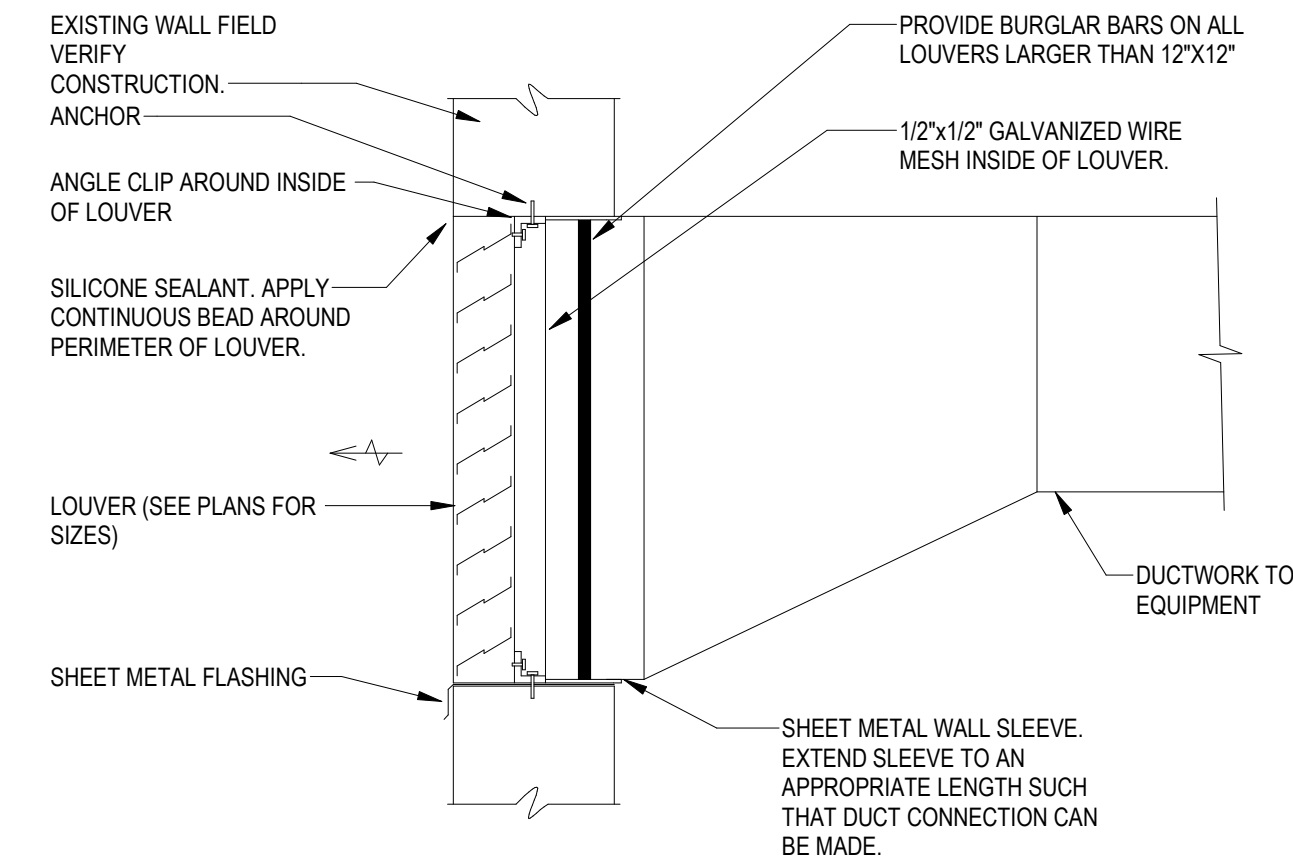
- NOTES:
1. SUPPORT DUCTWORK AS REQUIRED.
 2. BAND FLEX TO COLLAR 1/2" MINIMUM FROM OUTBOARD END OF COLLAR.
 3. INSTALL SPIN COLLAR DAMPER IN OPEN POSITION; FINAL ADJUSTMENT BY TAB CONTRACTOR.
 4. PULL FLEXIBLE DUCT INSULATION UP TO END OF SPIN COLLAR AT EDGE OF RECTANGULAR DUCTWORK; SEAL VAPOR BARRIER WITH GREY TAPE TO PREVENT MOISTURE MIGRATION.
 5. PROVIDE EXTENSION RODS TO ACCOMMODATE INSULATION, PULL TO EDGE OF DUCTWORK AS REQUIRED AND SEAL TO EFFECT VAPOR BARRIER.
 6. POP RIVET OR SHEET METAL SCREWS, MINIMUM 3 EACH AT 120" INTERVALS, CONNECTING STOVEPIPE TO COLLAR. ENSURE RIVETS OR SCREWS DO NOT INTERFERE WITH DAMPER.
 7. TAPE AND SEAL ALL JOINTS TO PREVENT LEAKAGE.
 8. INSTALL LOCKING QUADRANT AND HANDLE ON BOTTOM OF DUCT FOR EASY SERVICE (SHOWN ON TOP FOR EASE OF ILLUSTRATION ONLY).

5 SPIN COLLAR FLEXIBLE DUCT CONNECTOR WITH DAMPER AND WITH LONG RADIUS ELBOW
M-501 NOT TO SCALE

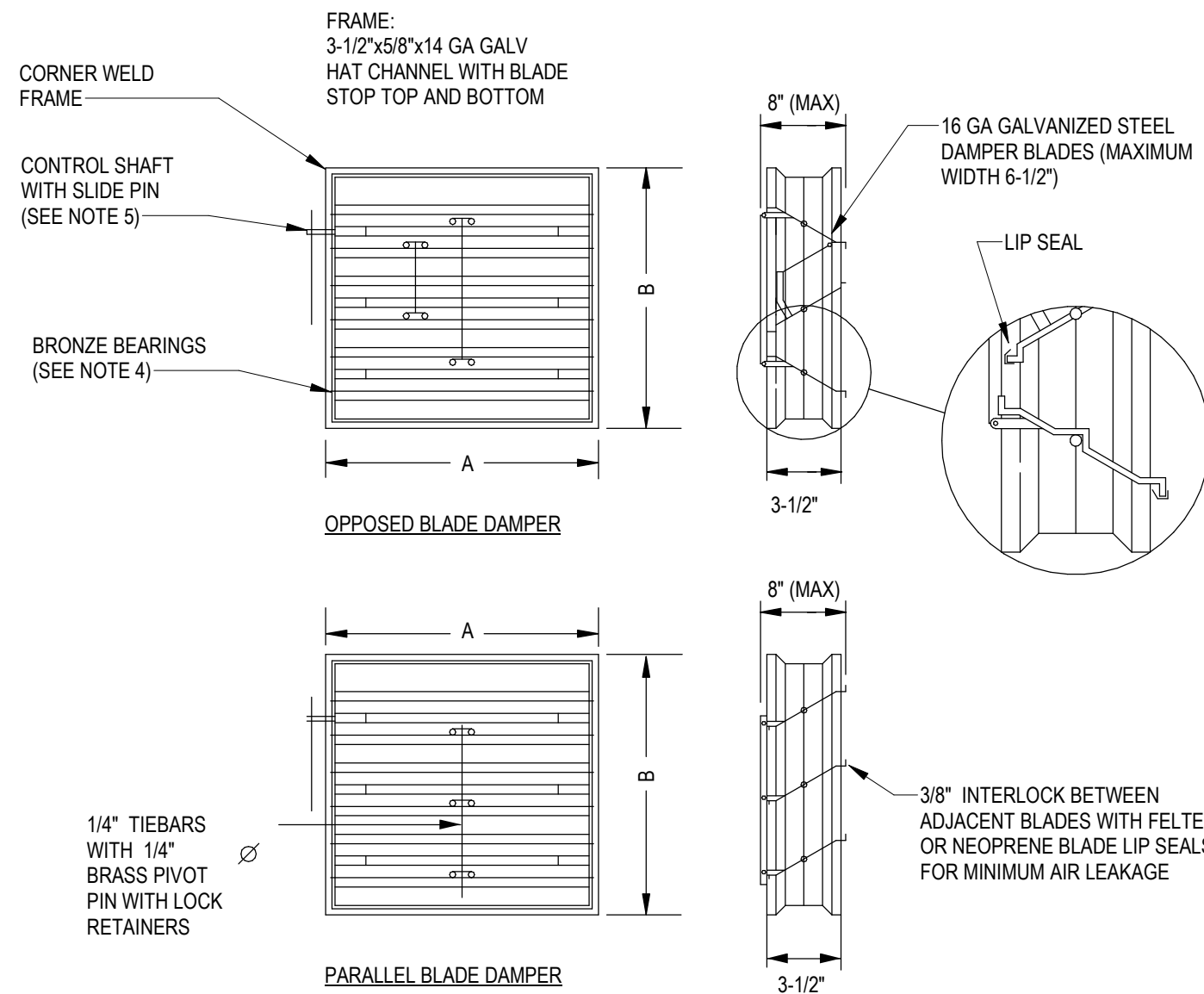


- NOTES:
1. AIR CUSHION REQUIRED AT END OF RUN FOR BRANCH TAKE OFFS ILLUSTRATED.
 2. CUSHION DEPTH, D, EQUAL TO 1/2 THE GREATER OF H OR W, SUBJECT TO 6" MINIMUM, WHERE H = HEIGHT OF DUCT.
 3. SUPPLY AIR AND RETURN AIR DUCT SHALL BE EXTERNALLY INSULATED ONLY.

6 EXTERNALLY INSULATED DUCTWORK TEE
M-501 NOT TO SCALE

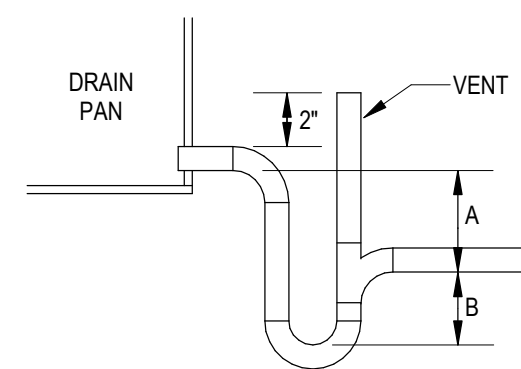


7 LOUVER ASSEMBLY DETAIL
M-501 NOT TO SCALE



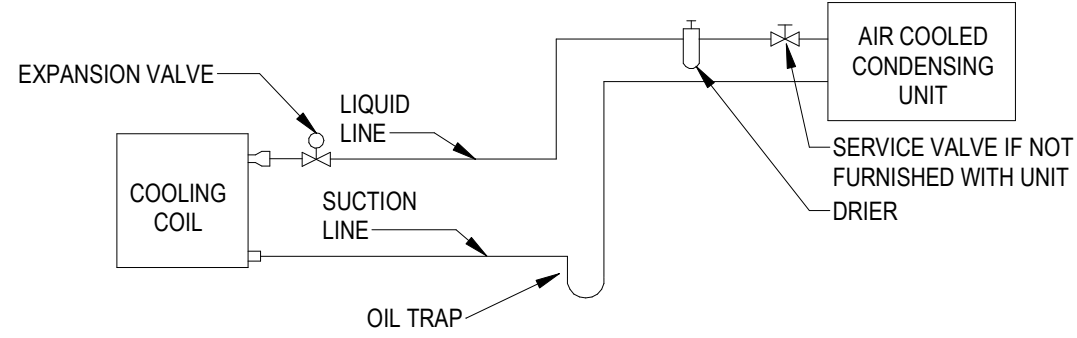
- NOTES:
1. MAXIMUM WIDTH, A, 48" PER SECTION
 2. MAXIMUM HEIGHT, B, 72" PER SECTION
 3. S.S. JAMB TO BLADE WINDSTOP NOT SHOWN
 4. SELF LUBRICATING BRONZE BEARINGS WITH 1/2" SLIDE PINS ON END OF BLADES
 5. CADMIUM PLATED CONTROL SHAFT 1/2" OR 3/8" SQUARE EXTENDED 6" BEYOND FRAME WITH SLIDE PIN CONTROL
 6. PROVIDE OPPOSED BLADE DAMPERS FOR ALL AIR HANDLING UNIT OUTSIDE AIR, RELIEF AIR, AND RETURN DAMPERS.

8 LOW LEAKAGE RECTANGULAR DAMPERS
M-501 NOT TO SCALE

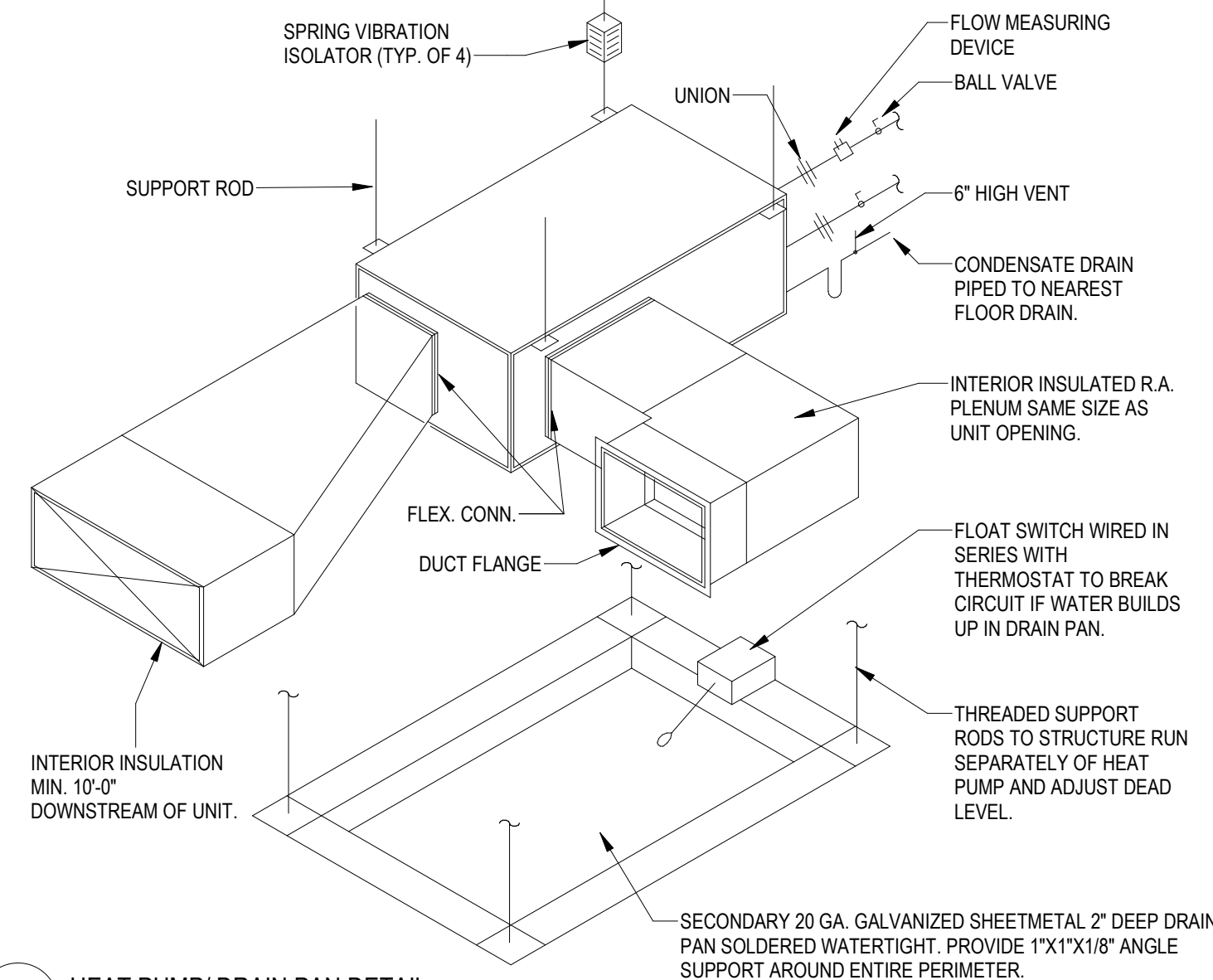


A= SCHEDULED FAN STATIC PLUS ONE INCH
B= 1/2 OF SCHEDULED FAN STATIC

9 COOLING COIL CONDENSATE DRAIN DETAIL
M-501 NOT TO SCALE



10 SPLIT SYSTEM FAN COIL UNIT PIPING SCHEMATIC
M-501 NOT TO SCALE



11 HEAT PUMP/ DRAIN PAN DETAIL
M-501 NOT TO SCALE

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OKALOOSA ISLAND PRIME PROP LLC

OK ISLAND MARINA RESTAURANT

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REVISIONS
NO. DESCRIPTION DATE

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Dated 08/03/26

MECHANICAL DETAILS

M-501

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NOTE:

1. ROOF CURB PROVIDED BY MECHANICAL CONTRACTOR. COORDINATE INSTALLATION AND FLASHING WITH THE GENERAL CONTRACTOR.

2. MECHANICAL CONTRACTOR SHALL COORDINATE ROOF OPENING AND CURB SIZE REQUIRED FOR DUCT PENETRATION.

INSULATED ROOF CURB WITH DAMPER TRAY BLOCKING AND FLASHING AS REQUIRED SEE ARCHITECTURAL PLANS

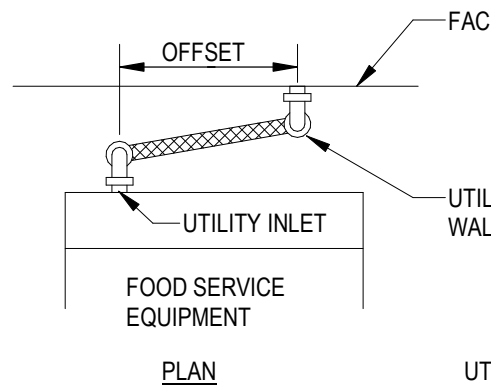
ROOFING
ROOF DECK

EXTERNAL INSULATION FROM BUILDING PENETRATION TO 10'-0" INSIDE OF BUILDING

2" DEEP DRIP PAN SOLDERED WATERTIGHT

SEE PLANS FOR DUCT SIZES

UPBLAST POWER ROOF VENTILATOR
DETAIL - GREASE
NOT TO SCALE



PLAN

SECTION

NOTE:
IF UTILITY INLET IS NOT AT HEIGHT SHOWN, MECHANICAL TRADES TO PROVIDE PIPING WITH ELBOWS TO RAISE INLET.

UTILITY INLET
UTILITY OUT OF WALL
FACE OF BLDG. WALL
NOT TO EXCEED 3 1/2"
ELBOW BY MECH. CONTR.
FACE OF BLDG. WALL
SHUT-OFF VALVE BY MECH CONTRACTOR
QUICK DISCONNECT HOSE & FITTING BY FOOD SERVICE EQUIPMENT CONTRACTOR.
RESTRAINING CABLE BY FOOD SERVICE EQUIPMENT CONTRACTOR.
COORDINATE WALL REINFORCING W/ GENERAL CONTR.

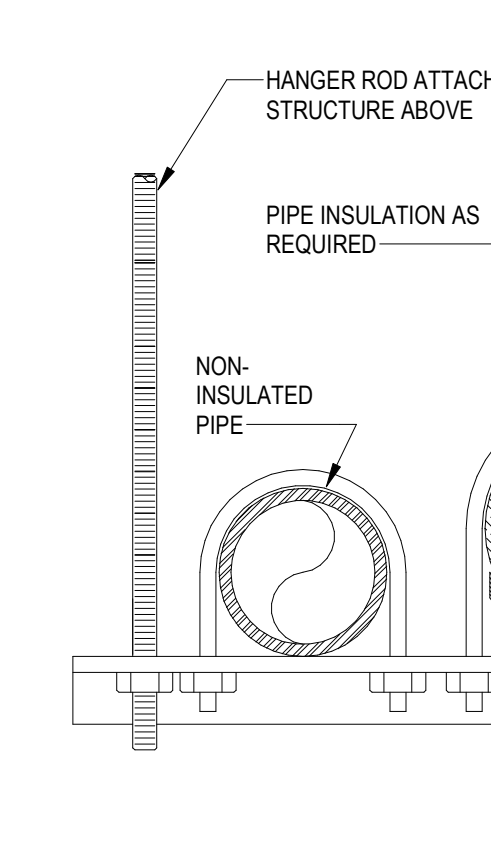
FOOD SERVICE EQUIPMENT
FINISHED FLOOR

FOOD SERVICE EQUIPMENT - QUICK DISCONNECT HOSE & FITTING DETAIL
NOT TO SCALE

4
M-502

6
M-502

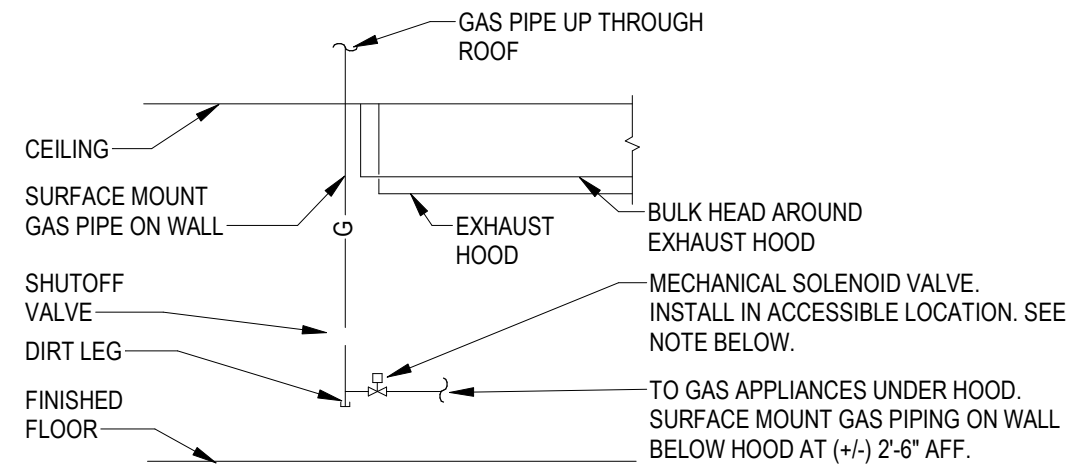
TRAPEZE TYPE PIPE SUPPORT
NOT TO SCALE



NOTES:
1. SIZE RODS, SPRING CUSHION, AND HORIZONTAL MEMBER APPROVED TO SATISFY LOAD REQUIREMENT WITH SAFETY FACTOR OF 5.
2. FIGURE NUMBERS ARE TYPICAL TO GRINNELL SUPPORT NUMBERS.

TRAPEZE TYPE PIPE SUPPORT
NOT TO SCALE

6
M-502



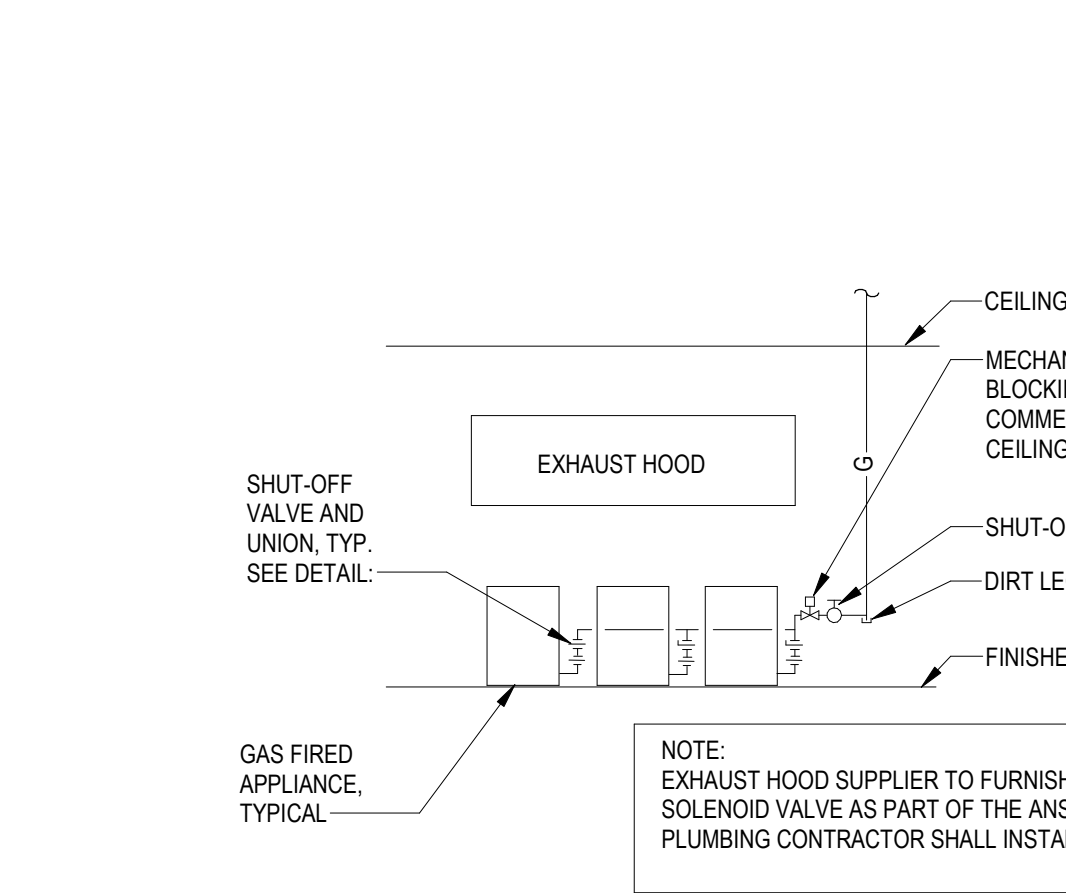
NOTE:
EXHAUST HOOD SUPPLIER TO FURNISH MECHANICAL SOLENOID VALVE AS PART OF THE ANSUL FIRE SUPPRESSION SYSTEM. MECHANICAL CONTRACTOR TO INSTALL. VERIFY SIZE.

GAS PIPING AT DELI HOOD
NOT TO SCALE

2
M-502

5
M-502

SOLENOID VALVE
NOT TO SCALE



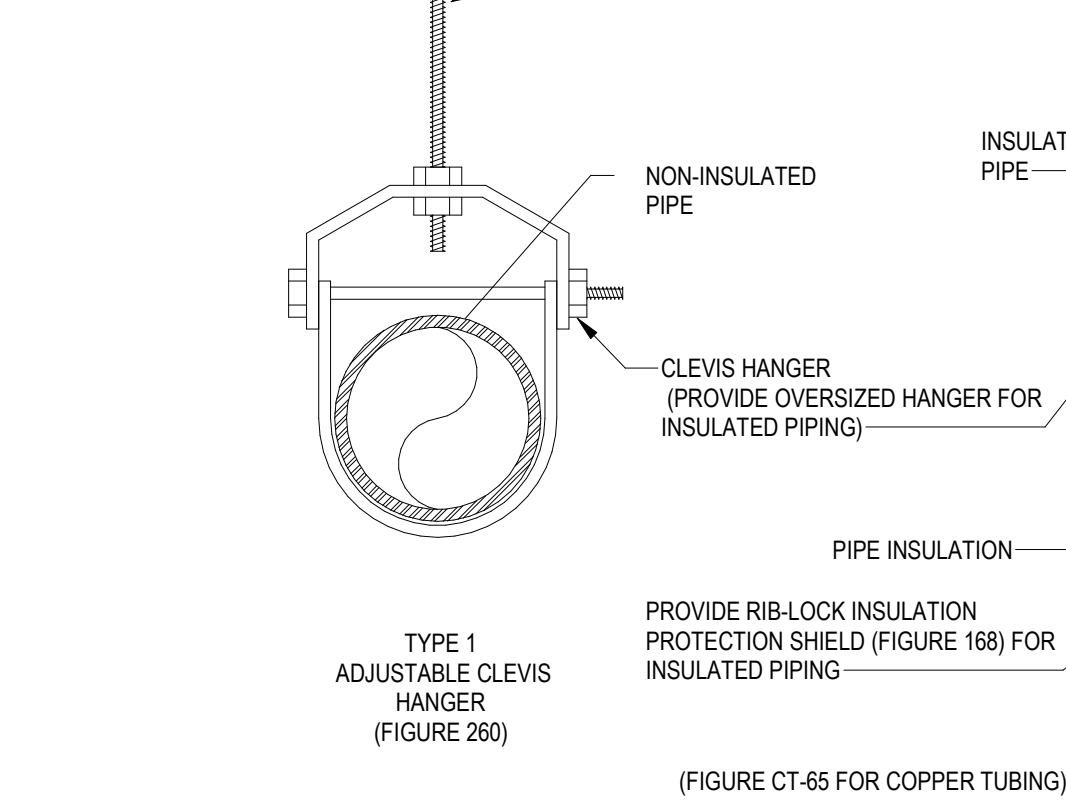
NOTE:
EXHAUST HOOD SUPPLIER TO FURNISH INDUSTRIAL TYPE MECHANICAL SOLENOID VALVE AS PART OF THE ANSUL FIRE SUPPRESSION SYSTEM. PLUMBING CONTRACTOR SHALL INSTALL. VERIFY SIZE.

SOLENOID VALVE
NOT TO SCALE

5
M-502

7
M-502

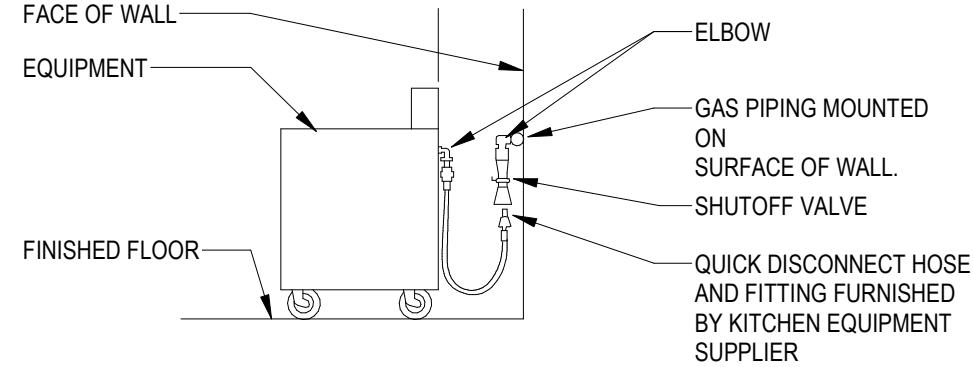
SINGLE PIPE CLEVIS HANGER
NOT TO SCALE



NOTE:
FIGURE NUMBERS ARE TYPICAL TO GRINNELL SUPPORT NUMBERS.

SINGLE PIPE CLEVIS HANGER
NOT TO SCALE

7
M-502



NOTE:
IF EQUIPMENT IS NOT SUPPLIED WITH OUTLET CONNECTION, DIVISION 23 IS TO PROVIDE PIPING WITH ELBOWS AS REQUIRED TO ALLOW HOSE TO LOOP AS INDICATED.

EQUIPMENT GAS PIPING CONNECTION
NOT TO SCALE

3
M-502

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JPE Job Number: 2611

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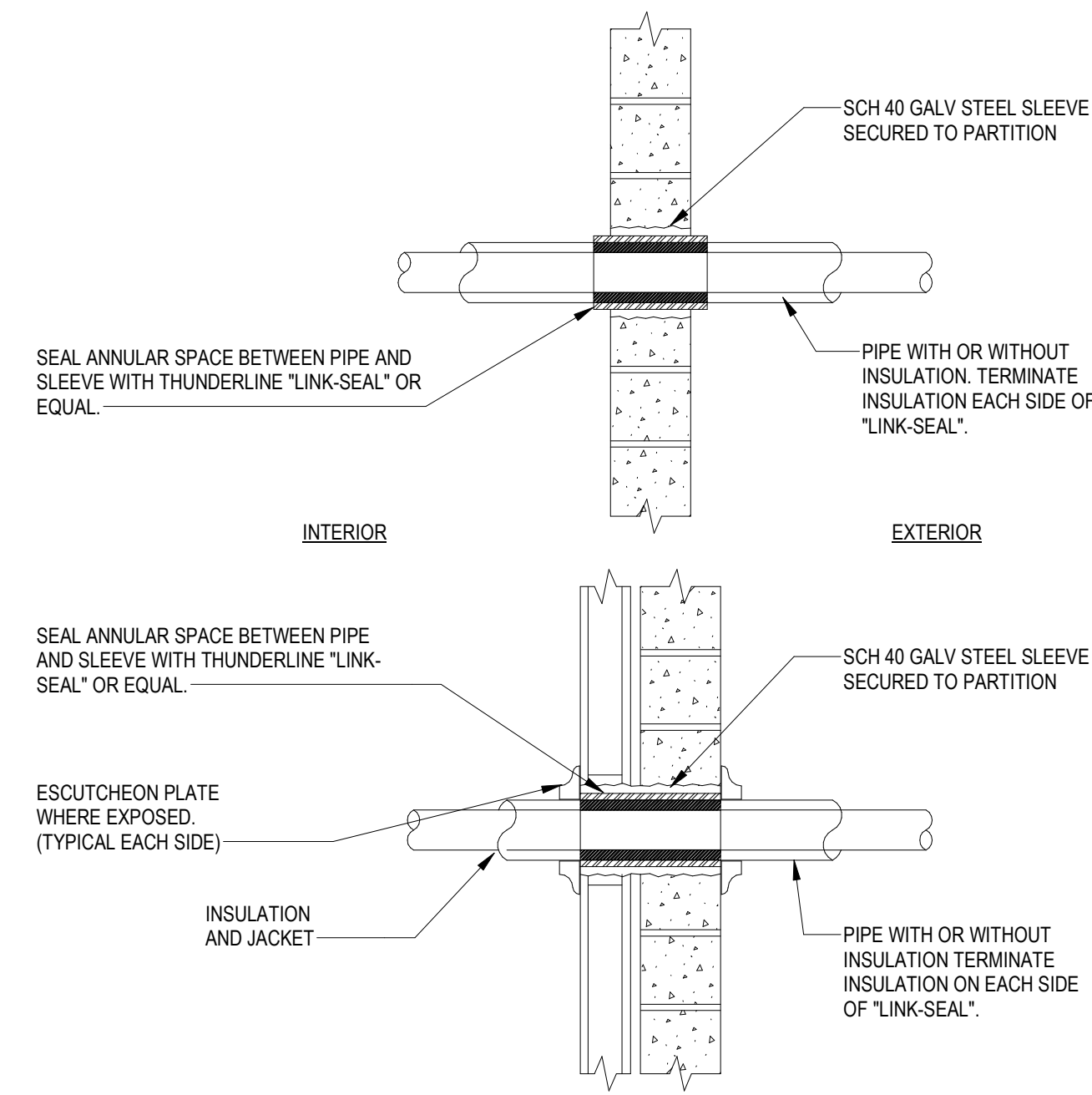
REVISIONS
NO. DESCRIPTION DATE

Project Number 2638
Dated 08/03/26

MECHANICAL
DETAILS

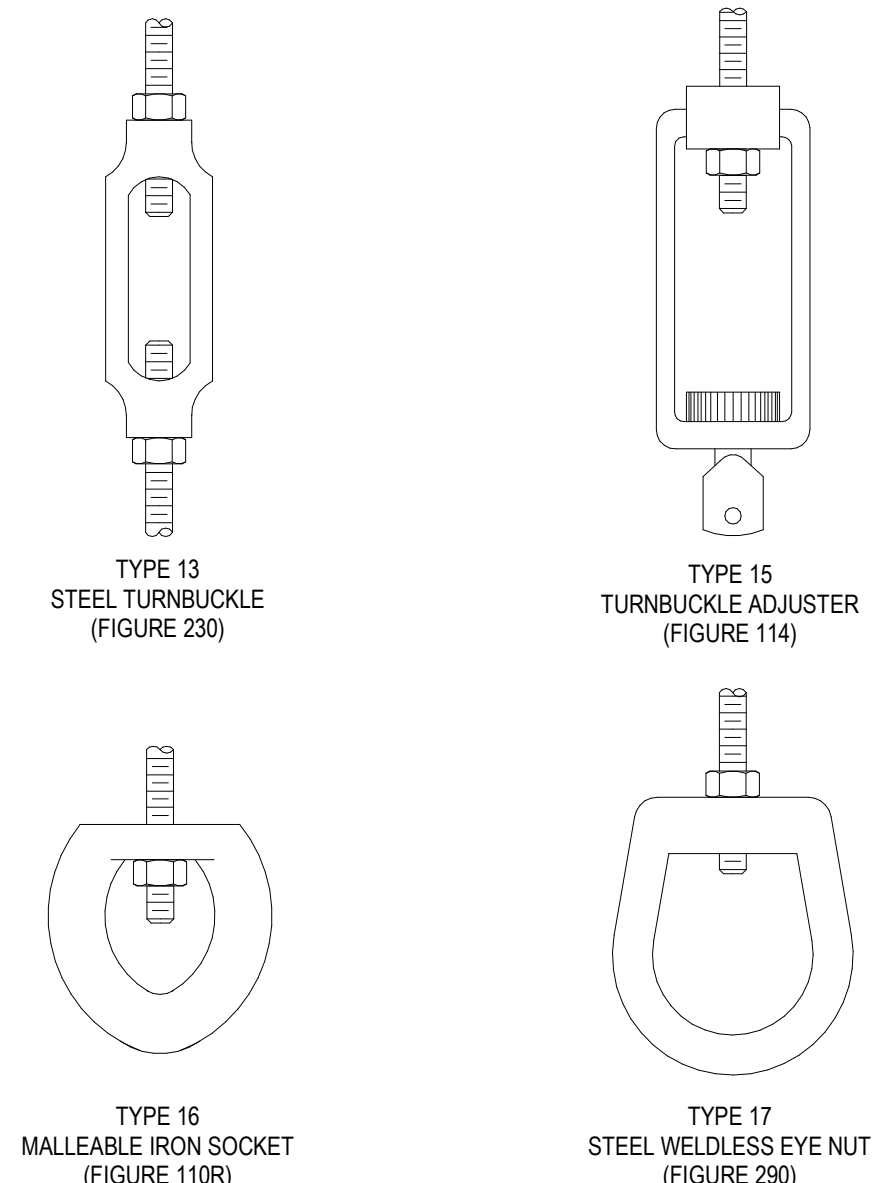
M-502

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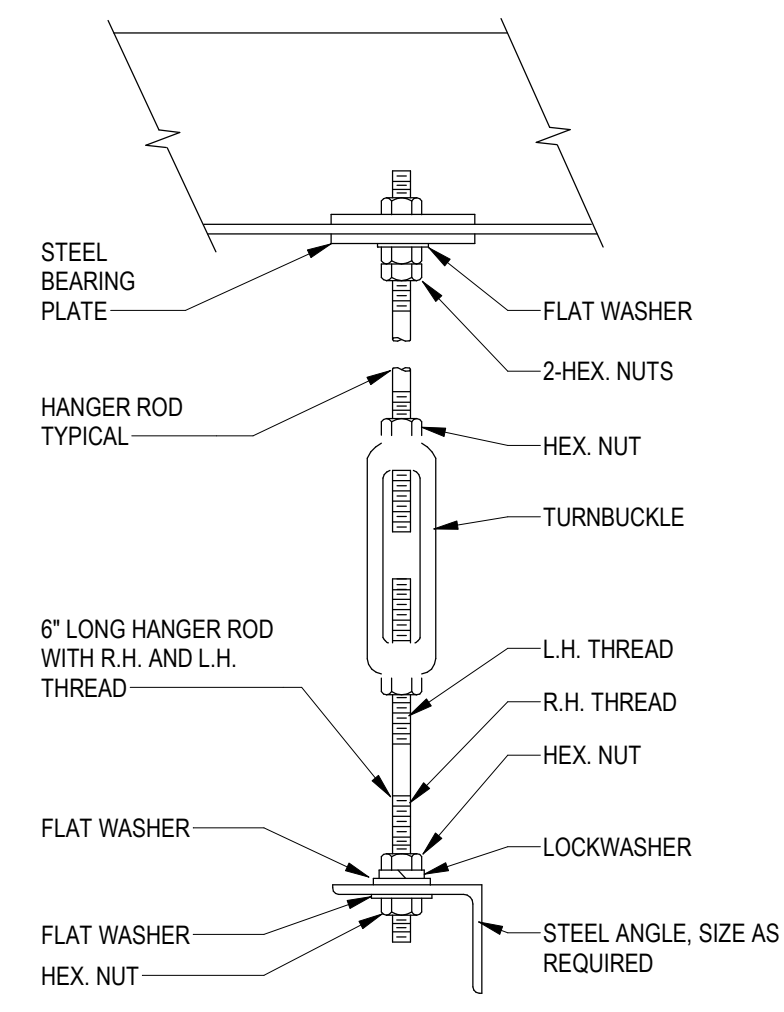
- NOTES:
1. TYPICAL FOR NON-INSULATED PIPING AND CONDUIT.
 2. TYPICAL FOR MASONRY OR CONCRETE WALL.
 3. FOR WALL PENETRATION WITH FIRE RATINGS GREATER THAN (1) HOUR, USE THUNDERLINE "PYRO-PAC" SEALS OR EQUAL.
 4. WHERE PIPING EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE, AND PROVIDE AN ESCUTCHEON PLATE.

1 PIPE PENETRATION THRU EXTERIOR WALLS
M-503 NOT TO SCALE

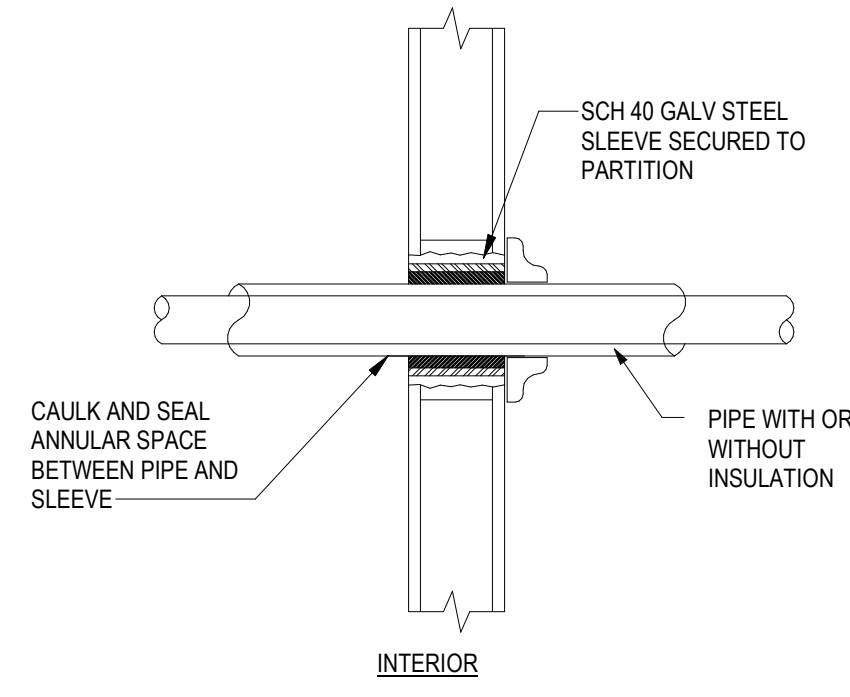


- NOTE:
- FIGURE NUMBERS TYPICAL TO GRINNELL SUPPORT NUMBERS.

2 TURNBUCKLES AND EYELETS
M-503 NOT TO SCALE

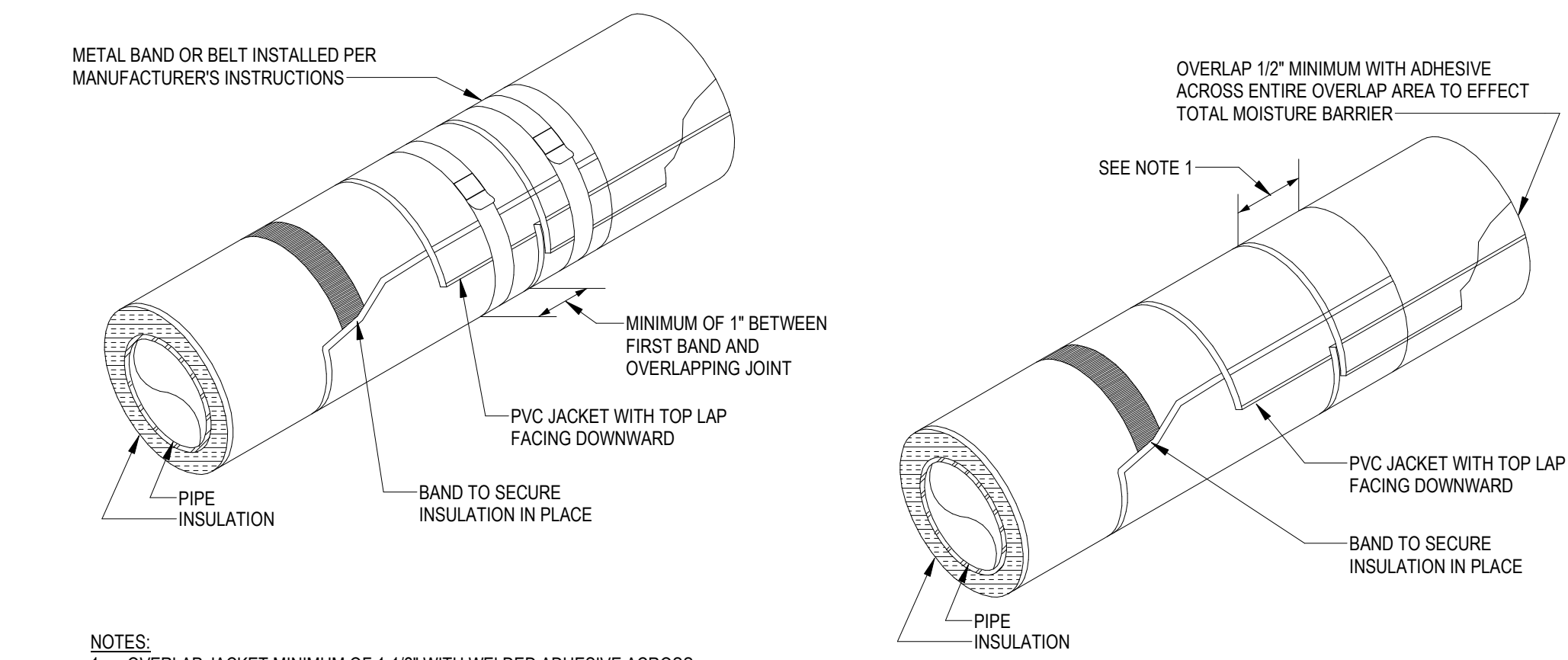


3 TYPICAL UNIT HEATER SUPPORT DETAIL
M-503 NOT TO SCALE



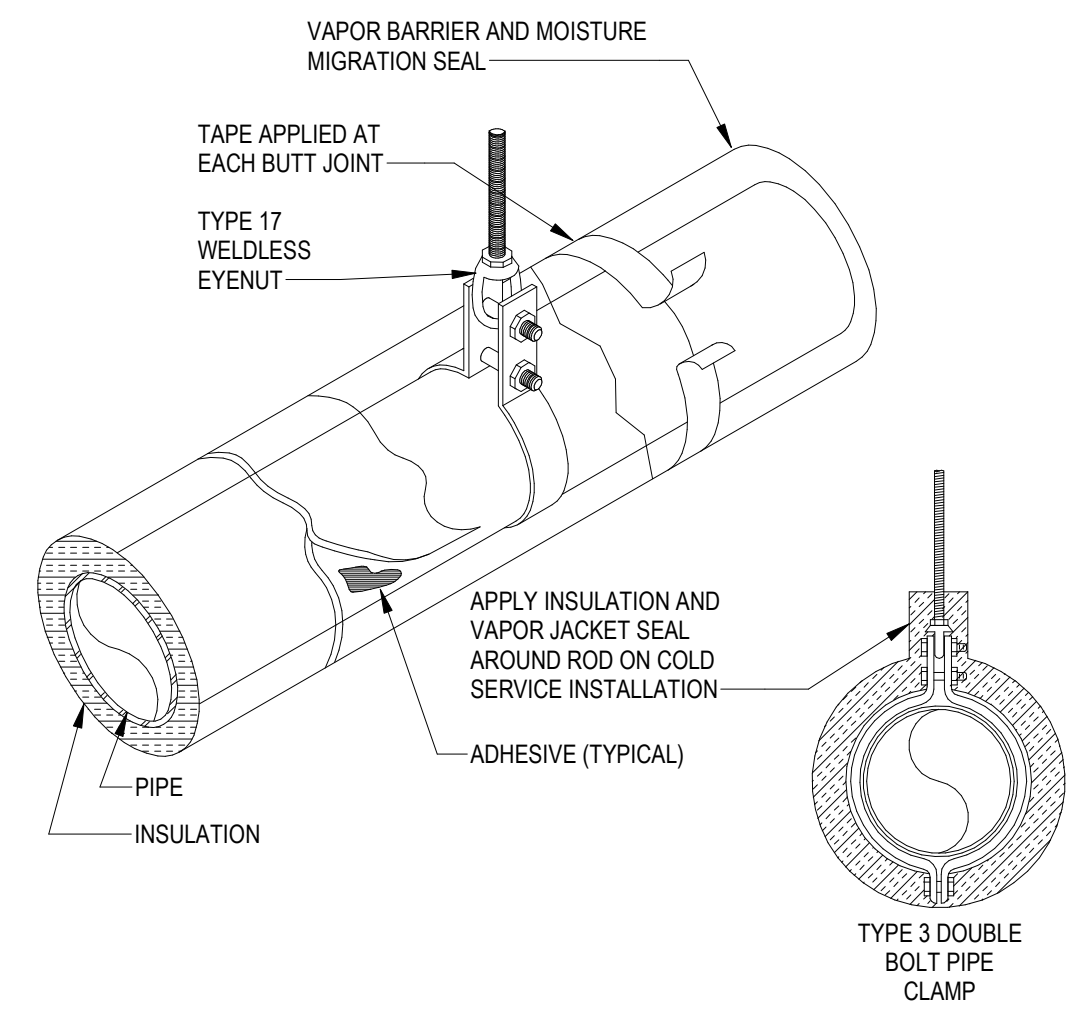
- NOTES:
1. TYPICAL FOR NON-INSULATED PIPE AND CONDUIT.
 2. ALL CAULKING AND SEALANT SHALL BE FIRE RATED (SEE SPECIFICATIONS).
 3. WHERE PIPING IS EXPOSED AT FINISHED WALL, FLUSH MOUNT SLEEVE AND PROVIDE AN ESCUTCHEON PLATE.

4 PIPE PENETRATION THRU INTERIOR WALLS
M-503 NOT TO SCALE

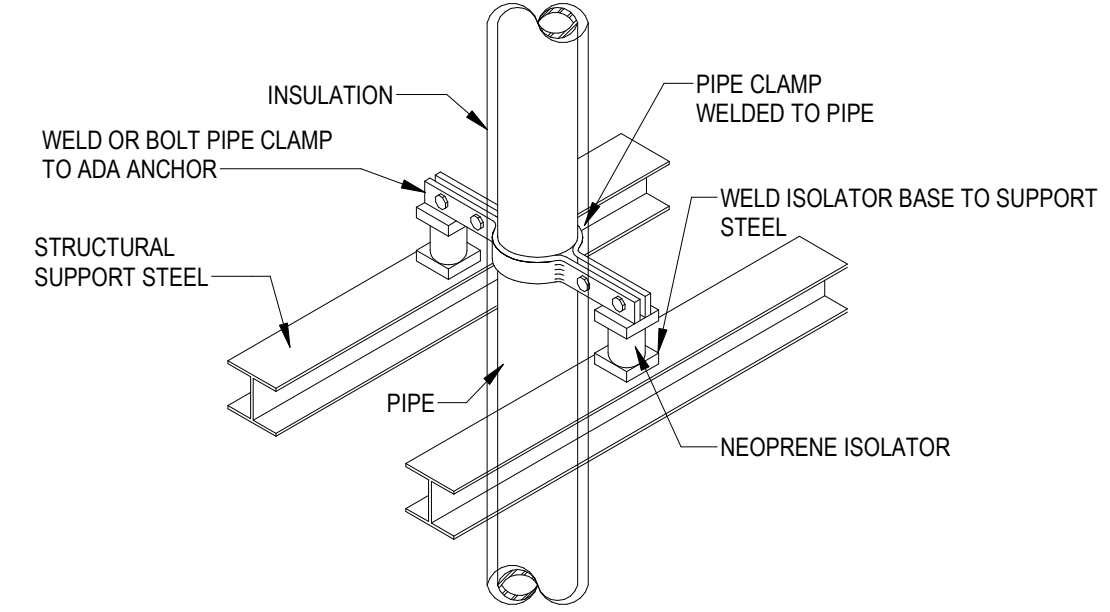


- NOTES:
1. OVERLAP JACKET MINIMUM OF 1-1/2" WITH WELDED ADHESIVE ACROSS ENTIRE JOINT OVERLAP TO EFFECT TOTAL MOISTURE BARRIER.
 2. LONGITUDINAL JACKETING SEAMS SHALL BE POSITIONED AT 3 O'CLOCK OR 9 O'CLOCK ONLY WITH TOP LAP FACING DOWNWARD FOR WEATHER PROTECTION.

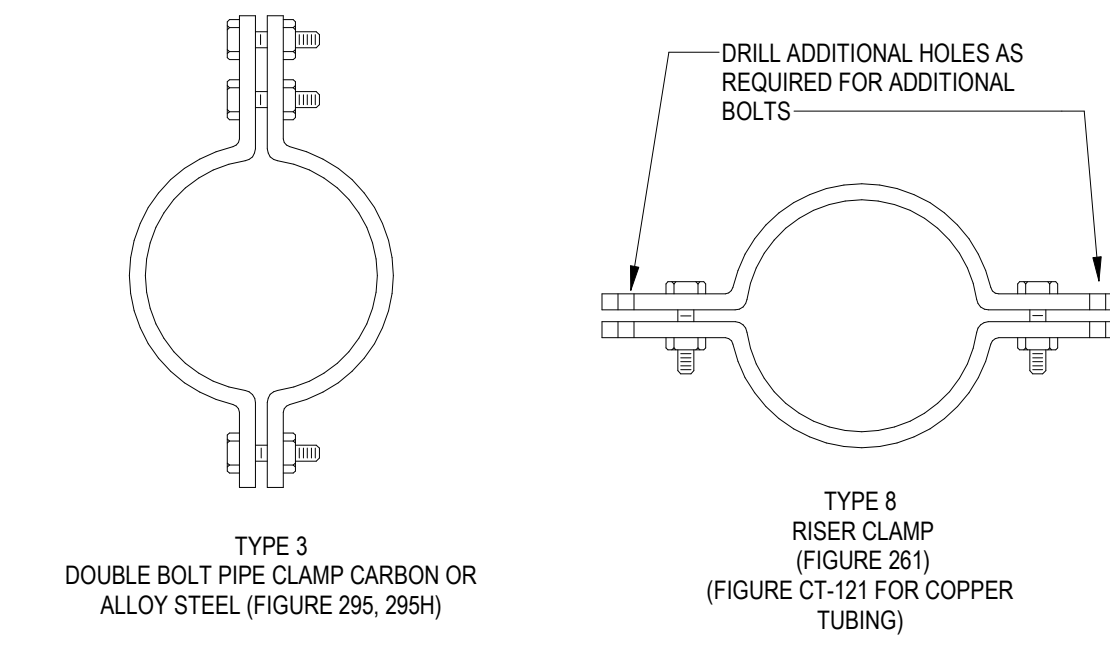
5 FIELD APPLIED PVC PIPE JACKETING OVER PIPE INSULATION
M-503 NOT TO SCALE



6 PIPE HANGER, INSULATION AND VAPOR JACKET
M-503 NOT TO SCALE



7 TYPE ADA ANCHOR DETAIL
M-503 NOT TO SCALE



- NOTE:
- FIGURE NUMBERS ARE TYPICAL TO GRINNELL SUPPORT NUMBERS.

8 PIPE CLAMPS
M-503 NOT TO SCALE

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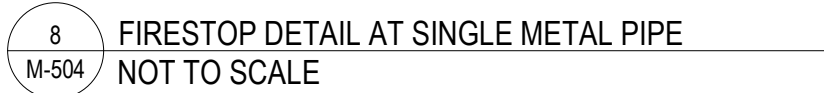
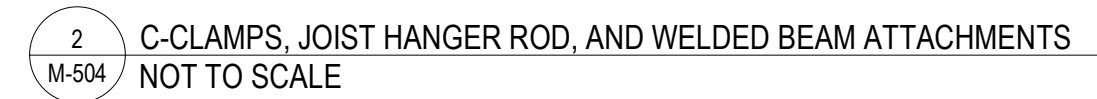
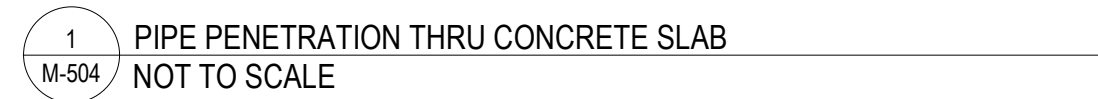
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REVISIONS		
NO.	DESCRIPTION	DATE

Project Number	2638
Dated	08/03/26



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CENTRAL STATION AIR HANDLING UNIT SCHEDULE

Mark	SUPPLY FAN DATA						DX COOLING DATA							DX COIL GENERAL DATA					Heating Coil Application	HEAT PUMP CAPACITIES			ELECTRIC HEATING COIL DATA				ELECTRICAL CIRCUIT ONE				Operating Weight	Eq to Manufacturer	Eq to Model	
	Airflow	Outside Air	ESP	Fan Motor RPM	Brake HP	Motor Power	Total Capacity	Sensible Capacity	Latent Capacity	Cooling Coil EAT(db)	Cooling Coil EAT(wb)	Cooling Coil LAT(db)	Cooling Coil LAT(wb)	Coil Rows	Fins per Inch	Coil Face Area	Coil Face Velocity	Coil Air pressure drop		Heating EAT	Heating LAT	Heating Capacity	Heating Capacity	Heating Stages	EAT(db)	LAT(db)	Voltage	Phase	Hz	MCA				MOCP
AHU-3	1,750 CFM	450 CFM	1.50 in-wg	1094	0.82 hp	1.0 hp	71,440 Btu/h	35,820 Btu/h	35,620 Btu/h	76.7 °F	69.3 °F	58.1 °F	56.8 °F	4	9	5.5 SF	318 FPM	0.25 in-wg	Heat Pump	65 °F	91.6 °F	50,440 Btu/h	17.0 kW	SCR	60 °F	90 °F	208 V	3	60 Hz	6.5 A	15.0 A	512.10 lbm	TRANE	UCCAA06A0J0RU0340000AAAk
NOTES: 1. ALL UNIT PANELS SHALL BE 2" SOLID DOUBLE-WALL CONSTRUCTION WITH COMPLETE THERMAL BREAK WITH SKINS MADE OF GALVANIZED STEEL PAINTED ON EXTERNAL SURFACES WITH 500 HOUR SALT SPRAY TEST PER ASTM B117. 2. DRAIN PAN SHALL BE CONSTRUCTED OF STAINLESS STEEL. 3. ALL PANELS SHALL BE HINGED AND HAVE CAM-LOCK TO SECURE CLOSED WITH OPTIONAL LOCK. 4. OUTSIDE AIR SHALL BE MEASURED AND ADJUSTED FOR DEMAND OF THE KITCHEN HOOD THROUGH THE USE OF AIRFLOW MEASURING STATION DAMPERS. 5. UNIT SHALL BE EQUIPPED WITH 2" PLEATED MERV13 FILTERS. 6. THE UNIT SHALL HAVE AN OUTDOOR PRESSURE MONITORING STATION TO ENSURE BUILDING IS PRESSURIZED AT ALL TIMES.																																		

AIR HANDLING UNIT SCHEDULE

Identity	Manuf	Model	Nominal Capacity	Outdoor Air Intake Flow	Supply Fan System				Supply Fan Motor			Supply Fan Specification	Supply Filter Spec	Cooling Coil						Cooling Reheat Capacity	Rated Heating Capacity	Heating Section		Electric Heat Rating	Electric Heat Specification	Cooling Stages	Heating Stages	Minimum Efficiency	Electrical					Product Weight
					Capacity	ESP	TSP	RPM	Qty	Size	RPM			Total	Sensible	EDB	EWB	LDB	LWB			EAT	LAT						Voltage	Phase	Frequency	MCA	MOCP	
AHU-1	AAON	H3-ERB-8-A-162C-7MS-FH4E-UAK-000-0A0-AEAAA0-00-0A0000000	40.0 ton	3,700 CFM	6,700 CFM	1.00 in-wg	2.17 in-wg	1334	2	5.00 hp	1334	Wheel Type: Backward Curved Plenum	Type: Disposable MERV-8	467,800 Btu/h	196,500 Btu/h	80.2 °F	74.6 °F	53.0 °F	52.8 °F	123,012 Btu/h	329,800 Btu/h	48 °F	86 °F	63.0 kW	Modulating SCR	4	4	Cooling: 13.1 EER Heating: 2.74 COP	208 V	3	60 Hz	204.0 A	225.0 A	1876 lb
AHU-2	AAON	H3-ERB-8-A-462C-7HS-FH4E-FAK-000-0A0-AEAAA10-00-0A0000000	18.0 ton	1,360 CFM	6,000 CFM	1.00 in-wg	1.89 in-wg	1227	2	5.00 hp	1227	Wheel Type: Backward Curved Plenum	Type: Disposable MERV-8	239,100 Btu/h	129,300 Btu/h	76.3 °F	68.9 °F	56.3 °F	56.2 °F	82,296 Btu/h	172,700 Btu/h	62 °F	84 °F	42.0 kW	Modulating SCR	4	4	Cooling: 13.2 EER Heating: 3.16 COP	208 V	3	60 Hz	175.0 A	175.0 A	3302 lb
NOTES: 1. UNIT SHALL BE WIRED FOR SINGLE POINT CONNECTION. PROVIDE NON-COMBUSTIBLE INSULATED PLENUM FOR UNIT TO SIT ON. PROVIDE FACTORY INSTALLED SMOKE DETECTOR FOR UNITS ABOVE 2,000 CFM. SMOKE DETECTOR SHALL SOUND AN AUDIO ALARM AND VISUAL ALARM IF FIRE ALAM IS NOT PRESENT IN BUILDING. 2. PROVIDE SPRING VIBRATION ISOLATION AT UNIT BASE TO AVOID VIBRATION TRANSFER TO BUILDING. 3. PROVIDE HEAT PUMP FIRST STAGE HEAT WITH MODULATING HOT GAS REHEAT AND PHASE & BROWNOUT PROTECTION. 4. PROVIDE E-COATED DX-REHEAT+STAINLESS STEEL COIL CASINGS. PROVIDE STAINLESS STEEL DRAIN PAN.																																		

HEAT PUMP CONDENSING UNIT SCHEDULE

Identity Mark	Summer (db)	Summer (wb)	Cooling Total Capacity	Cooling Sensible Capacity	Cooling Latent Capacity	EER	IEER	Heating Capacity	COP	Winter (db)	Heat Pump Stages	MCA	MOCP	Voltage Nominal	Phase	Hz	Manufacturer	Model	
HP-1	84.7 °F	80.7 °F	467,800 Btu/h	196,500 Btu/h	271300 Btu/h	11.7	13.2	329,800 Btu/h	3.2	32.7 °F	4	158 A	175 A	208 V	3	60 Hz	AAON	CFA-040-D-A-8-EJ0EJ-0-00-J0-C0-AV0-L-HE0A-00E0G00-00000DB	
HP-2	83.7 °F	80.7 °F	239,100 Btu/h	129,300 Btu/h	109800 Btu/h	13.2	13.5	172,700 Btu/h	3.3	32.7 °F	4	79 A	100 A	208 V	3	60 Hz	AAON	CFA-018-C-A-8-LJ0EN-0-00-E0-C00-AN0-L-HE0A-00E0G00-0A000DB	
HP-3	91.4 °F	78.0 °F	71,440 Btu/h	35,820 Btu/h	35620 Btu/h	11.3	14.1	50,440 Btu/h	3.4	32.7 °F	2	36 A	60 A	208 V	3	60 Hz	TRANE	TWA072K3AAA**BS0300	
NOTES: 1. UNIT SHALL BE EQUIPPED WITH A DIGITAL PROGRAMMABLE THERMISTAT FOR MULTI-STAGE COOLING AND HEATING. PROVIDE OUTDOOR AIR SENSOR, LOW-AMBIENT COOLING & EVAPORATOR DEFROST CONTROL. 2. MOUNT UNIT ON 6" THICK CONCRETE PAD AND SECURE UNIT TO PAD FOR HURICANE WIND LOADING. UNIT SHALL BE COATED FOR SEACOAST OPERATION. 3. AAON UNITS SHALL BE PROVIDED WITH MODULATING HOT GAS REHEAT. 4. PROVIDE PHASE AND BROWN-OUT PROTECTION. PROVIDE COIL GUARD. PROVIDE LOW AND HIGH PRESSURE CONTROLS. PROVIDE SURGE PROTECTION.																			

EXHAUST FAN SCHEDULE

Mark	Air Flow	External Static Pressure	Drive Type	Description	Fan RPM	Motor Enclosure	Motor Thermal Overload	Inlet Sones	Motor FLA	Voltage	Frequency	Phase Number	Unit Weight	Manufacturer	Model
EF-1	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-2	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-3	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-4	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-5	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-6	100 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	997	ODP	Yes	4	1.80 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B150
EF-7	50 CFM	0.875 in-wg	Direct	Ceiling Exhaust Fan	896	ODP	Yes	3.5	1.15 A	115 V	60 Hz	1	15 lb	Greenheck	SP-B110
NOTES: 1. CEILING TYPE EXHAUST FANS SHALL BE PROVIDED WITH SOLID STATE SPEED CONTROL, ALUMINUM GRILLES, ALUMINUM FAN WHEELS, SHALL BE UL LISTED AND SHALL OPERATE WITH LIGHT SWITCH.															

AIR DEVICE SCHEDULE

MARK	System Type	QTY	DESCRIPTION	Manufacturer	Model
RG/TG	Return/Transfer Air System	11	Return Grille with 35 Degree Deflection	Titus	350FL
CD	Supply Air System	8	Hlgh Performance Square Cone Diffuser	Titus	TMS-AA
DMD	Supply Air System	12	Duct Mounted Diffuser	Titus	S300FS
SD	Supply Air System	16	Adjustable Supply Grille with Double Deflection	Titus	300FS
LFB	Supply Air System	1	Linear Fixed Bar Diffuser	Titus	CT-PP-0
NOTES: 1. ALL GRILLES, DIFFUSERS, ETC., SHALL BE OF ALUMINUM CONSTRUCTION. MANUAL VOLUME DAMPERS SHALL BE PROVIDED AT THE TAP FOR EACH DEVICE RETURN AND SUPPLY.					

ELECTRIC DUCT HEATING COIL

Identity	Design Airflow Rate	Heating Design				Performance	Heating Section				Electric Heat Rating	Electric Heat Sizes			Electric Heat Element(s)	Electric Heat Specification
		Output	Airflow	EAT	LAT		Airflow	EAT	LAT	Temp. Rise	APD	Description	Input	Load		
EDC-3	1,750 CFM	56,133 Btu/h	1,750 CFM	60.3 °F	90.0 °F	Design Selection	1,750 CFM	60 °F	90 °F	30 °F	0.035 in-wg	Electric Heating	17.0 kW	20.4 A	1	Controller: SCR Elements: 1
Grand total: 1																
NOTES: 1. ELECTRIC DUCT HEATER BASED ON GREENHECK IDHB HEATER. PROVIDE AIRFLOW SWITCH, CONTROL TRANSFORMER, DISCONNECT SWITCH, AND FAN INTERLOCK. PROVIDE FLANGED INSTALLATION. UNIT SHALL HAVE ZERO CLEARANCES AND POWER/CONTROL TERMINAL BOARDS. PROVIDE A MANUAL RESET THERMAL SAFETY SWITCH FOR SECONDARY OVER TEMPERATURE PROTECTION.																

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REVISIONS
NO. DESCRIPTION DATE

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Dated 08/03/26

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General Plan Symbols			Plumbing Symbols		
	Plan Revision Number			Nominal Pipe Size	
	Detail Number on Sheet			Above Ground Piping	
	Sheet Number Where Detail is Placed			Below Ground Piping	
	Keynote Symbol			Pipe Slope (When Applicable)	
	Continuation Symbol			Existing Pipe To Remain	
	Point Where New Connects To Existing			Pipe To Be Demolished	
	Room Name / Number			Domestic Cold-Water	
	Area Being Demolished			Non-Potable Water	
	Area Not In Contract			Soft Cold-Water	
				Filtered Cold-Water	
				Reverse Osmosis Water	
				Domestic Hot-Water	
				Domestic Hot-Water 140°	
				Hot-Water Recirculation	
				Hot-Water Recirculation 140°	
				Sanitary Drain	
				Sanitary Vent	
				Sanitary Wet Vent	
				Combination DWV	
				Condensate Drain	
				Indirect Drain	
				Grease Waste	
				Grease Vent	
				Oil Waste	
				Oil Vent	
				Pump Discharge	
				Solar Water Return	
				Solar Water Supply	
				Storm Drain	
				Storm Overflow	
				Compressed Air	
				Natural Gas	
				Liquid Propane	
				Pipe Rise / Drop	
			Pipe Accessory Notes		
				Cleanout	
				Swing Check	
				Check Valve	
				Alternate Check Valve	
				Balancing Valve	
				Circuit Setter	
				Gate Valve	
				Quick Opening Valve	
				Ball Valve	
				Fluid Strainer	
				Emergency Gas Shutoff	
				Plug Valve	
				Gas Shutoff Cock	
				Gas Regulator	
				Thermostatic Valve	
				Trap Primer	
				Elec. Control Valve	
				Mixing Valve	
				Emergency Mixer	
				Pressure Reducing Valve	
				Water Meter	
				Irrigation Meter	
				Double Check Valve	
				Reduced Pressure Zone	
Equipment Abbreviations			Plumbing Fixture Notes		
AAV	AIR ADMITTANCE VALVE	ET	EXPANSION TANK		Design Size
AC	AIR CONDITIONING UNIT	EVH	ELECTRIC WATER HEATER		Identity Type
ACCU	AIR COOLING CONDENSING UNIT	FCU	FAN COIL UNIT		Drainage Fixture Units
AHU	AIR HANDLING UNIT	FP	FIRE PUMP		Floor Drain w/ Deep Seal Trap
AS	AIR SEPARATOR	GI	GREASE INTERCEPTOR		Floor Drain w/ Trap Primer
B	BOILER	GRV	GRAVITY ROOF VENTILATOR		Floor Drain w/ Integral Connection
CH	CHILLER	HWP	HEATING WATER PUMP		2" FD-3P
CT	COOLING TOWER	HRU	HEAT RECOVERY UNIT		2" FD-7
CUH	CABINET UNIT HEATER	PRV	POWER ROOF VENTILATOR		3" AD-1
CHWP	CHILLED WATER PUMP	RE	RETURN/EXHAUST FAN		6" DD-1
DBP	DOMESTIC WATER BOOSTER PUMP	RTU	ROOFTOP UNIT		3" HD-1
DC	DUCT MOUNTED COIL	SP	SUMP PUMP		3" FS
DCP	DOMESTIC WATER CIRCULATING PUMP	UH	UNIT HEATER		12"x12"x8" Floor Sink
EF	EXHAUST FAN	WH	WATER HEATER		8" SD-12
EDC	ELECTRIC DUCT COIL				Roof Drain
					Combination Drain
					Rainfall Surface Area
* NOTE *					
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.					

PLUMBING SHEET INDEX

P-001	PLUMBING TITLE SHEET
P-101	SANITARY PLUMBING FLOOR PLAN
P-102	DOMESTIC PLUMBING FLOOR PLAN
P-S01	PLUMBING DETAILS
P-S02	PLUMBING DETAILS
P-901	PLUMBING RISER DIAGRAMS

PROJECT GENERAL NOTES

- COORDINATE INSTALLATION OF PIPING, DUCTWORK, CONDUIT, LIGHTS, CABLE TRAY, STRUCTURE, AND EQUIPMENT TO PREVENT CONFLICTS.
- THE CONTRACTOR SHALL BE FAMILIAR WITH ALL THE CONDITIONS BOTH EXISTING AND THOSE ILLUSTRATED BY THESE DOCUMENTS AS WELL AS THOSE WHICH CAN BE REASONABLY ANTICIPATED INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL ELECTRICAL, VENTILATION, PLUMBING, AND OTHER SYSTEMS INVOLVED ON THIS PROJECT.
- FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.
- LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOF.
- LOCATE DUCTWORK, PIPING AND MECHANICAL EQUIPMENT AWAY FROM THE SPACE ABOVE ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT.
- FIRE SEAL AROUND DUCT AND PIPING PENETRATIONS OF FIRE RATED WALLS. REFER TO SPECIFICATION.
- PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES AND DUCTS THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- ADJUST PIPING AND DUCTWORK SIZES TO PROPERLY CONNECT TO MECHANICAL EQUIPMENT.
- REFER TO PLUMBING SERIES DRAWINGS FOR GAS AND A.C. CONDENSATE DRAIN PIPING.
- PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON THE SEGMENTS, REFER TO DETAILS, SCHEDULES, AND SPECIFICATIONS.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- LOCATIONS OF PIPING, DUCTWORK AND EQUIPMENT AS INDICATED ON THE DRAWING, ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
- INSTALL EXPOSED PIPING AND DUCTWORK AS HIGH AS PRACTICAL, IN ROOMS WITHOUT CEILINGS.

PIPE MATERIAL SCHEDULE

SYSTEM	MATERIAL
CONDENSATE	COPPER, PVC
DOMESTIC WATER	COPPER
NATURAL GAS	STEEL TUBING
REFRIGERANT	ACR COPPER
SANITARY DRAIN	PVC
SANITARY VENT	PVC

PLUMBING FIXTURE SCHEDULE

Mark	Description	Qty	Cold Water Pipe Size	Hot Water Pipe Size	Sanitary Drain Size
FD	Floor Drain with Trap Primer and/or Trap Guard	19	1/2"	-	See Dwg
FS	Floor Sink	7	-	-	See Dwg
FT	Funnel Drain with P-Trap	1	-	-	2"
HBE	Exterior Hose Bibb	1	3/4"	-	-
HL	Wall Hung Lavatory - ADA Compliant	2	1/2"	1/2"	1-1/4"
HS	Shower Stall - ADA Compliant	4	1/2"	1/2"	2"
HU	Urinal - ADA Compliant	1	3/4"	-	2"
HWC	Floor Mount Flush Valve Water Closet - ADA Compliant	6	1 1/4"	-	3"
IM	Ice Maker Outlet Box	1	1/2"	-	-
JS	Janitor's Sink	1	1/2"	1/2"	2"
LC	Undermount Countertop Lavatory - ADA Compliant	6	1/2"	1/2"	1-1/4"
WC	Floor Mount Flush Valve Water Closet	1	1 1/4"	-	3"
WM	Washing Machine Box - Standard -Top Mount	3	1/2"	1/2"	2"

RESTAURANT EQUIPMENT LEGEND

K1	SOILED DISHTABLE
K2	DISH MACHINE (BY VENDOR)
K3	DISHTABLE WITH POTSINKS
K9	ICE MAKER
K10	MOP SINK
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K14	HAND SINK
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K31	ICE/SODA DISPENSER (BY VENDOR)
K33	HIGH VOLUME COFFEE/TEA BREWER
B5	UNDERBAR ICE CHEST
B9	UNDERBAR SINK
B13	UNDERBAR ICE CHEST

CIRCULATION PUMP SCHEDULE

Mark	Description	Pump Flow	Pump Head	Motor Power	Voltage	Phase	Frequency	Unit Weight	Manufacturer	Series	Model
CP-1	Taco In-Line ECM Circulator	4 GPM	35.0 FT	0.06 hp	120 V	1	60 Hz	28 lbs	Taco	ECM	VR15M

NOTES:
1. INTEGRAL FLOW CHECK VALVE REQUIRED, FIELD REPLACABLE CARTRIDGE, DIRECT DRIVE, SELF LUBRICATING, STAINLESS STEEL.

MIXING VALVE SCHEDULE

Mark	Description	Inlet Diameter	Outlet Diameter	Flow	Pressure Drop	Model
MV-1	High-Low System Thermostatic Mixing Valve	1 1/4" Ø	1 1/4" Ø	1.0-33 GPM	5 PSI	TM-920B-LF-DT-IT

NOTES:
1. PROVIDE VALVES THERMOMETERS.
2. FOLLOW MANUFACTURER'S SERVICE AND MAINTENANCE REQUIREMENTS.
3. MINIMUM FLOW OF 1.0 GPM AND MAXIMUM OPERATING PRESSURE OF 125 PSI.
4. PROVIDE LOCKING TEMPERATURE REGULATORS.

WATER HEATER SCHEDULE

Mark	Description	Tank Capacity	Natural Gas Input	Cold Water Connection	Hot Water Connection	Drain Connection	Shipping Weight	Manufacturer	Model
GW-H-1	Cyclone Mxi Modulating Commercial Gas Water Heater	119 gal	499,900 BTU/HR	1 1/2" Ø	1 1/2" Ø	3/4" Ø	855 lb	A.O. Smith	BTH-500A

NOTES:
1. PROVIDE EXPANSION TANK EQUAL TO WATTS PLT-5.

Grease Interceptor Schedule

Mark	Installed Location	Manufacturer	Model	Count	Product Type	Installation Type	Install Below Grade	Material Description	Cover Description	Cover Size	Cover Thickness	Pipe Size		Min Retention Capacities			Product Weight	Notes
												Inlet	Outlet	Liquid	Grease	Solids		
GT	Outside Underground	Oldcastle Precast	GT-1500	1	Grease Interceptor	Buried	Yes	5,000 PSI Concrete	Steel	24"	1.0"	4"	4"	1500 gal	7500 lbm	150 gal	24400 lb	Designed to Meet ASTM C858 & ACI 318 with AASHTO HS-20 Loading

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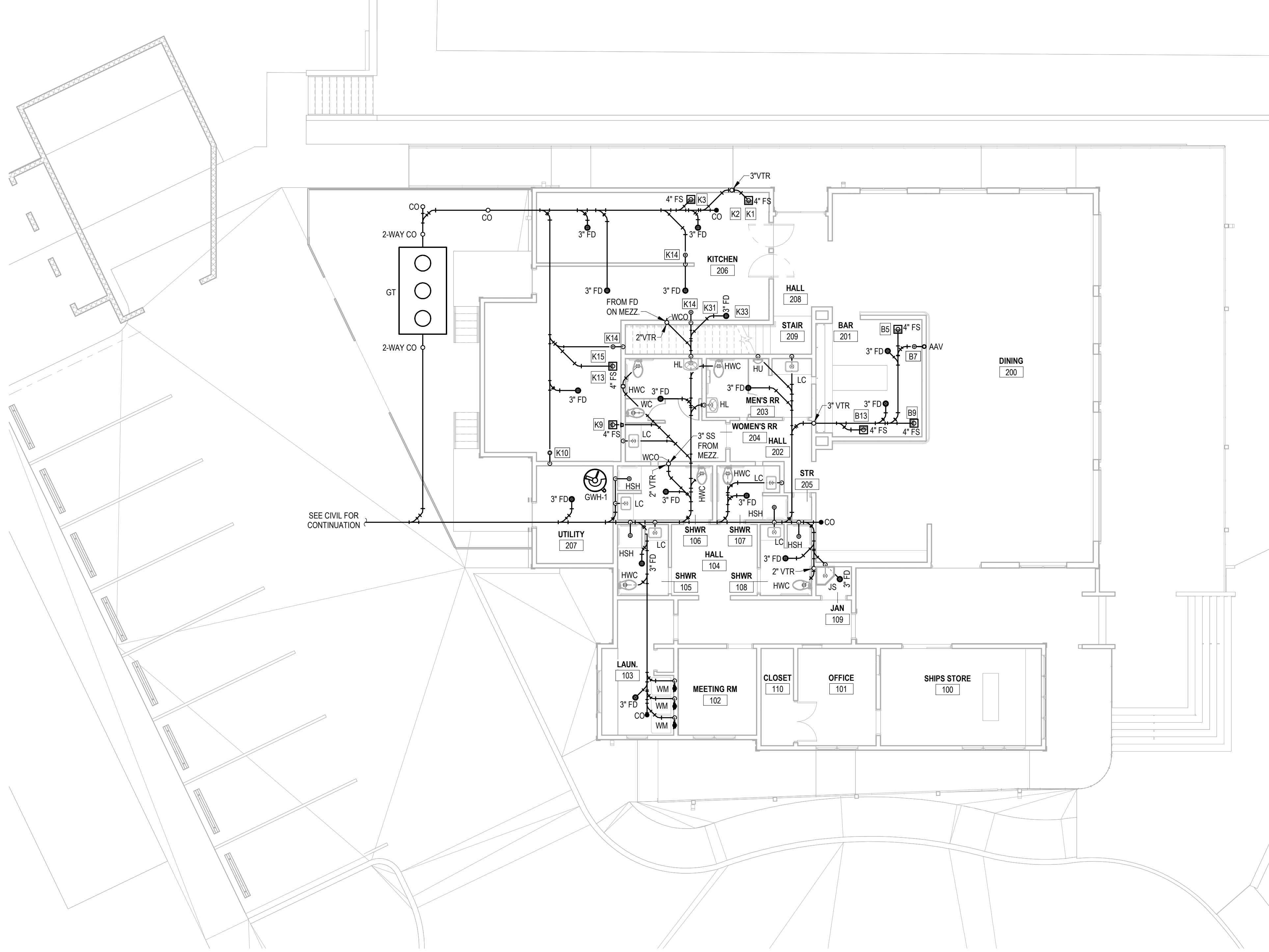
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Dated	08/03/26

PLUMBING TITLE
SHEET

P-001

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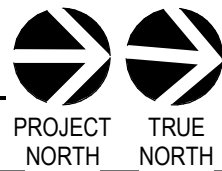
SANITARY
PLUMBING
FLOOR PLAN

P-101

1

SANITARY PLUMBING PLAN

1/8" = 1'-0"



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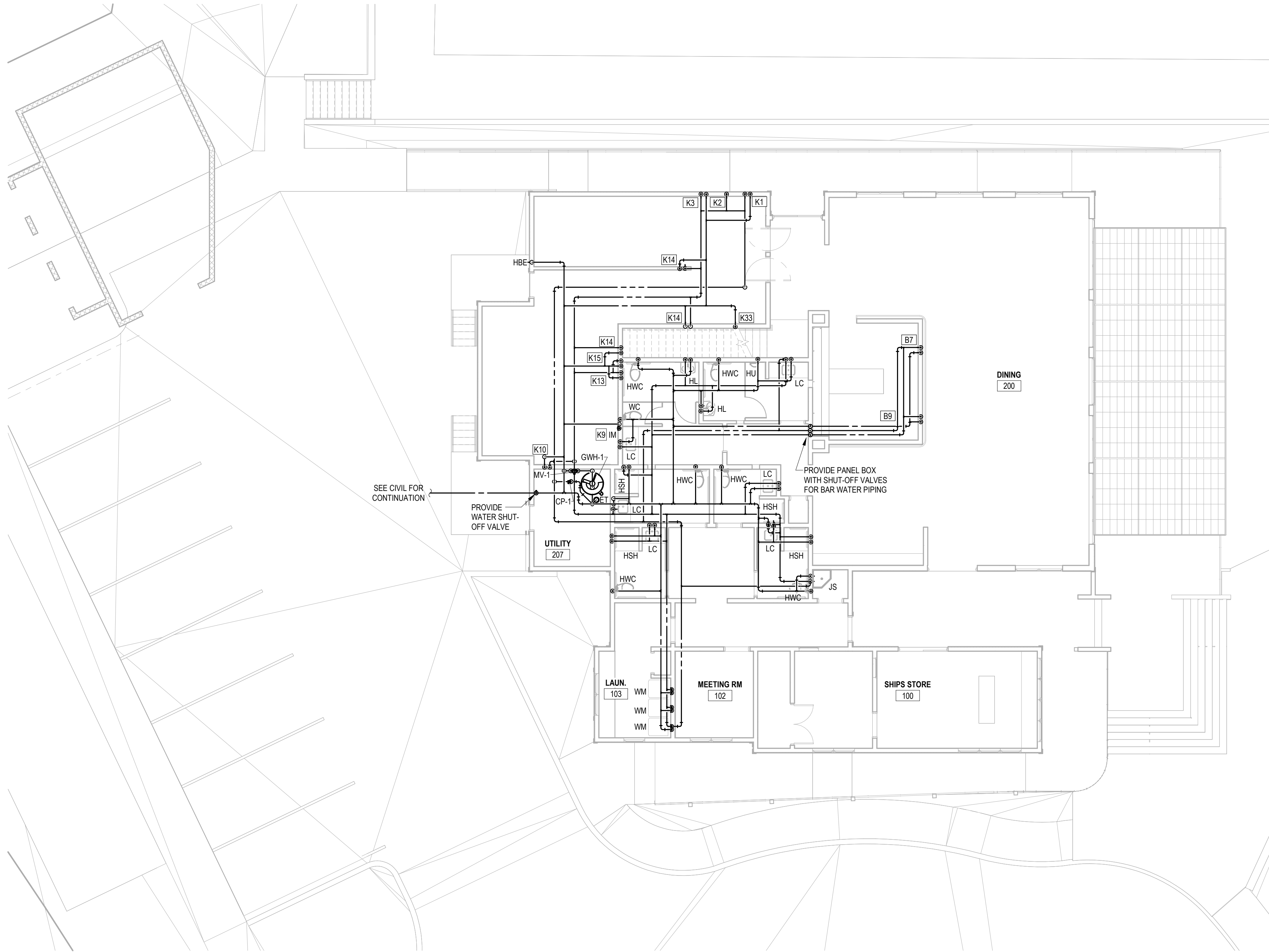
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DOMESTIC
PLUMBING
FLOOR PLAN

P-102

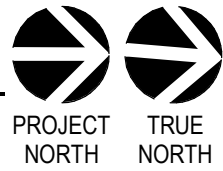


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1

DOMESTIC PLUMBING PLAN

1/8" = 1'-0"



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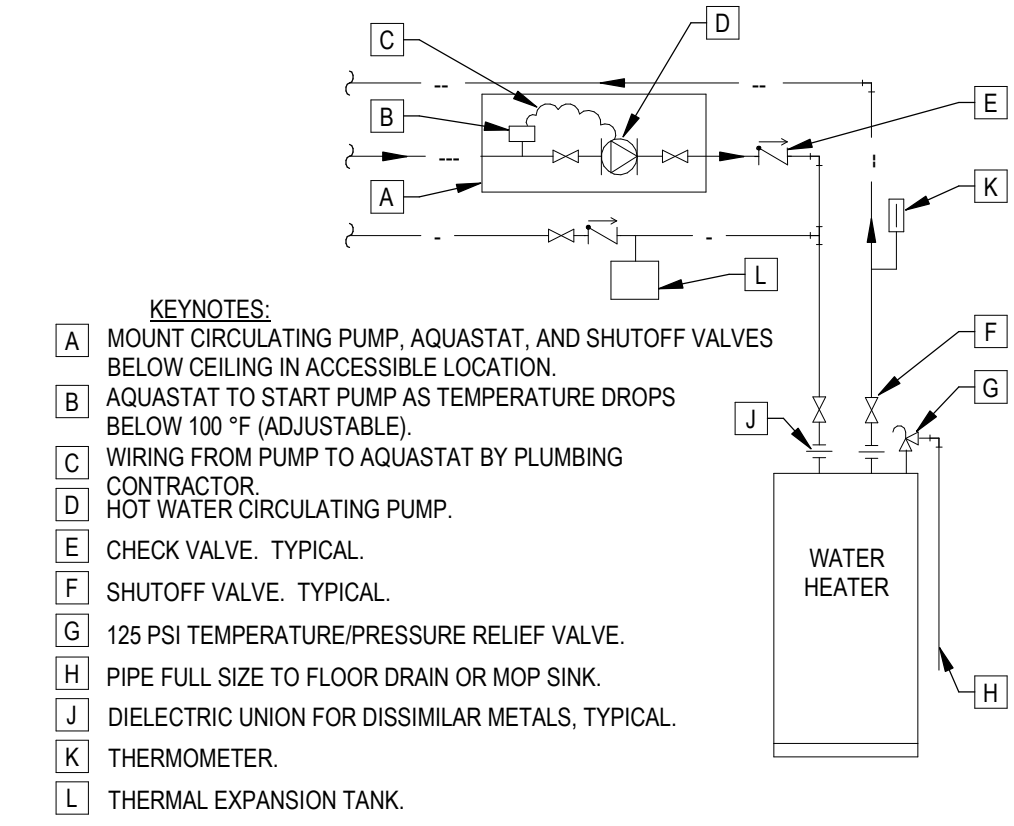
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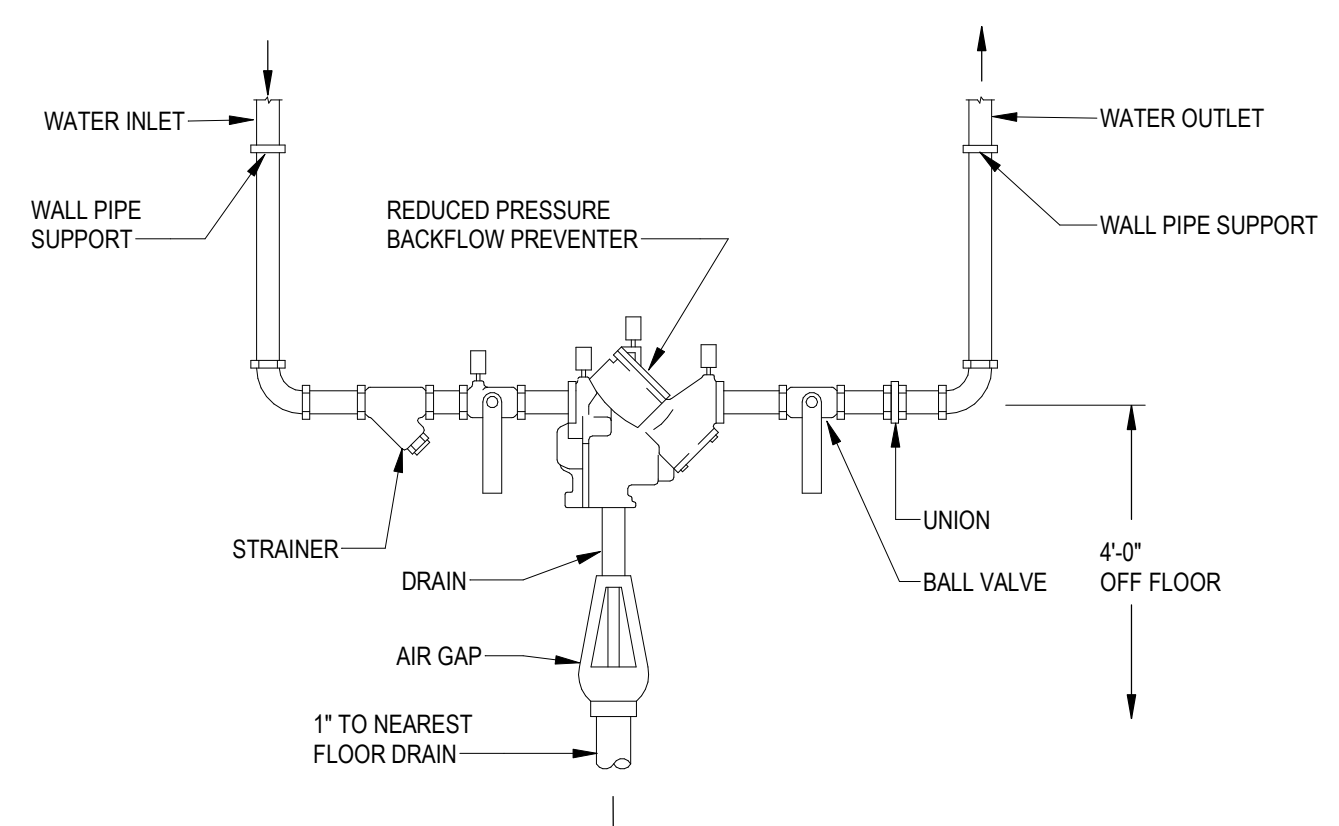
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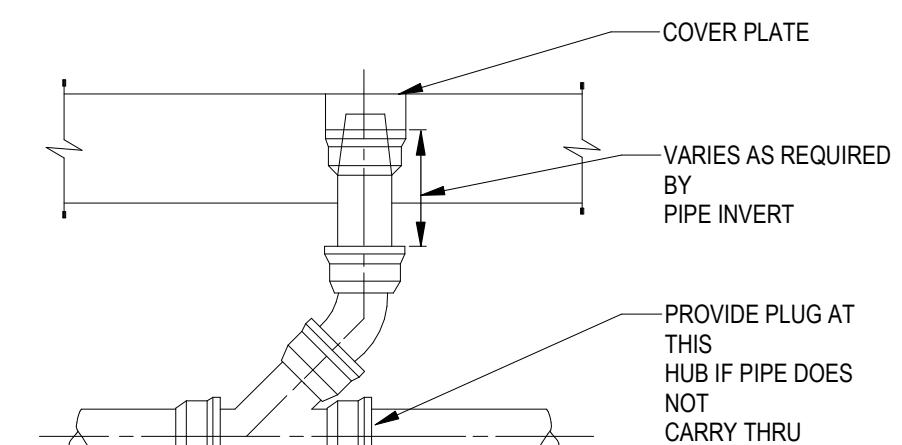
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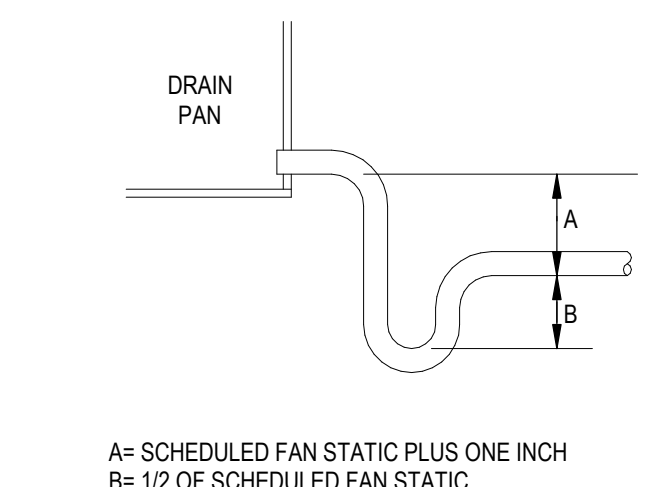
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P-501 HOT WATER CIRCULATING PUMP PIPING DETAIL
NOT TO SCALE



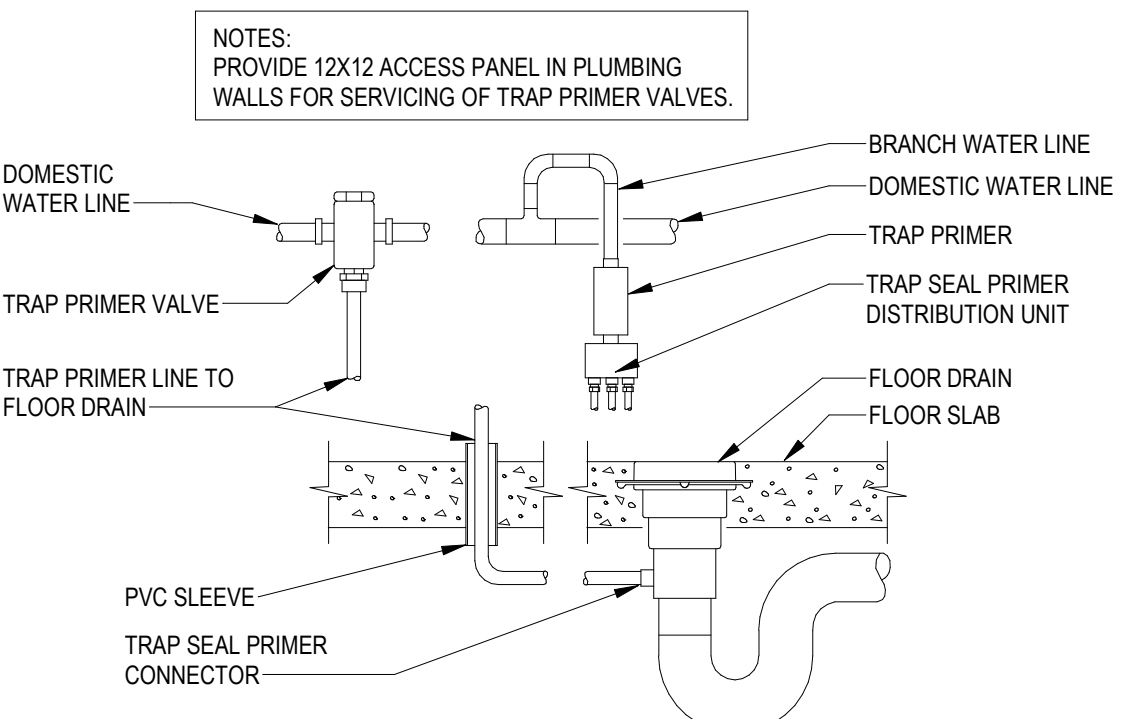
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P-501 BACKFLOW PREVENTER DETAIL
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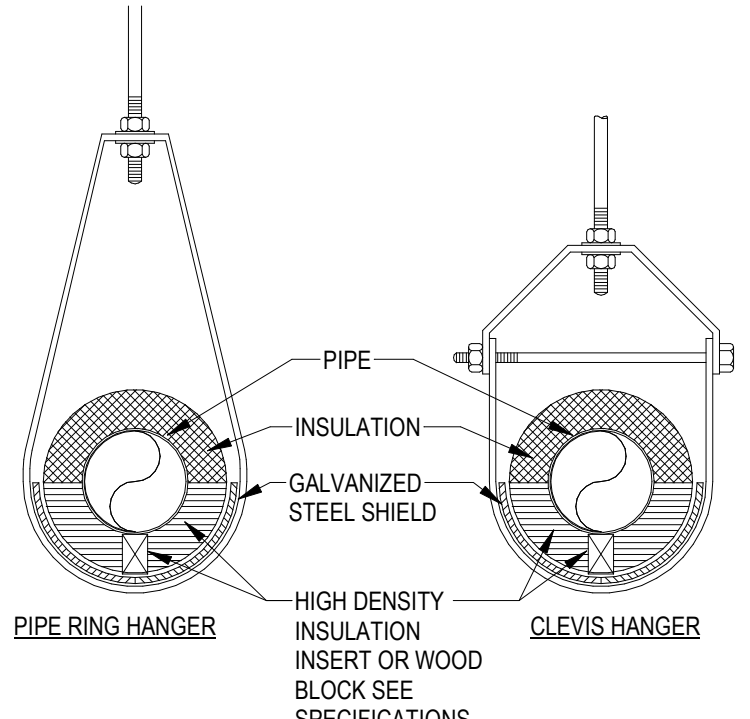
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P-501 CLEAN OUT AND PLUGGED RISER
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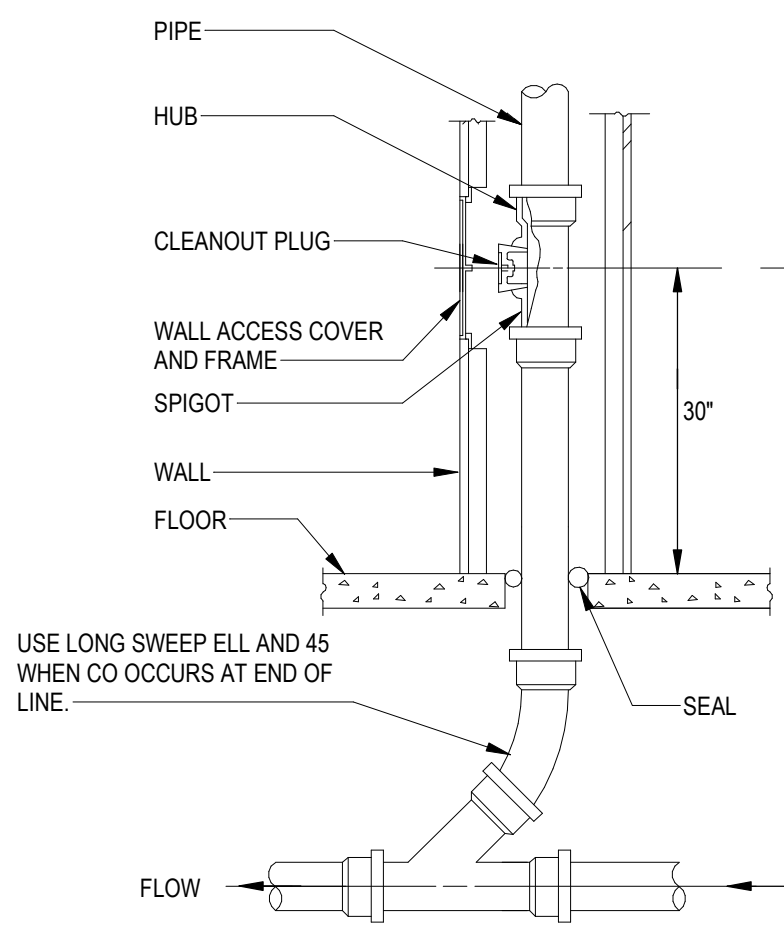
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P-501 COOLING COIL CONDENSATE DRAIN DETAIL
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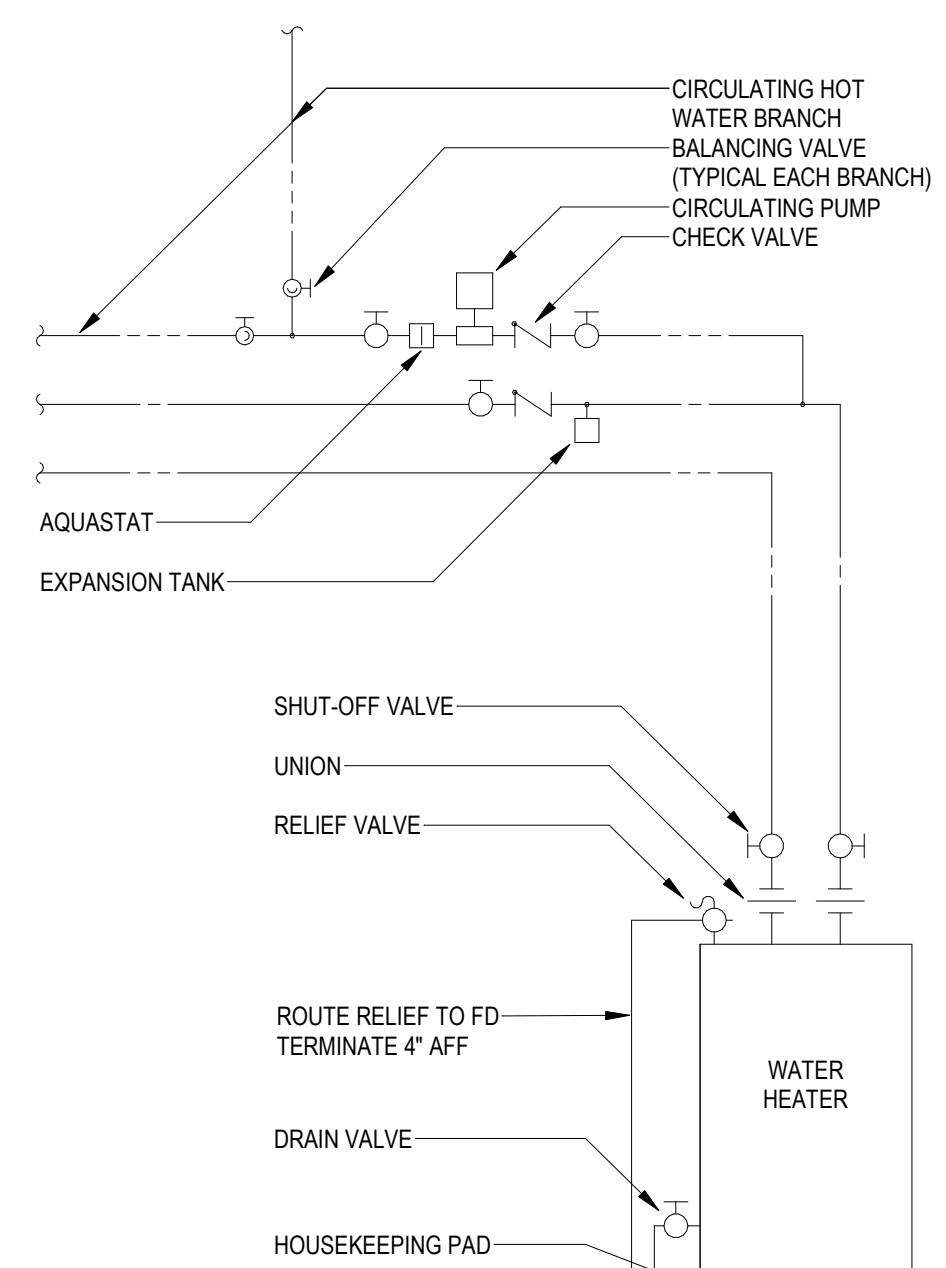
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P-501 TRAP PRIMER DETAIL
NOT TO SCALE



6
P-501 INSULATED PIPE AT HANGER DETAIL
NOT TO SCALE



7
P-501 WALL CLEAN OUT DETAIL
NOT TO SCALE



8
P-501 WATER HEATER PIPING DETAIL - SINGLE W/RECIRCULATION
NOT TO SCALE

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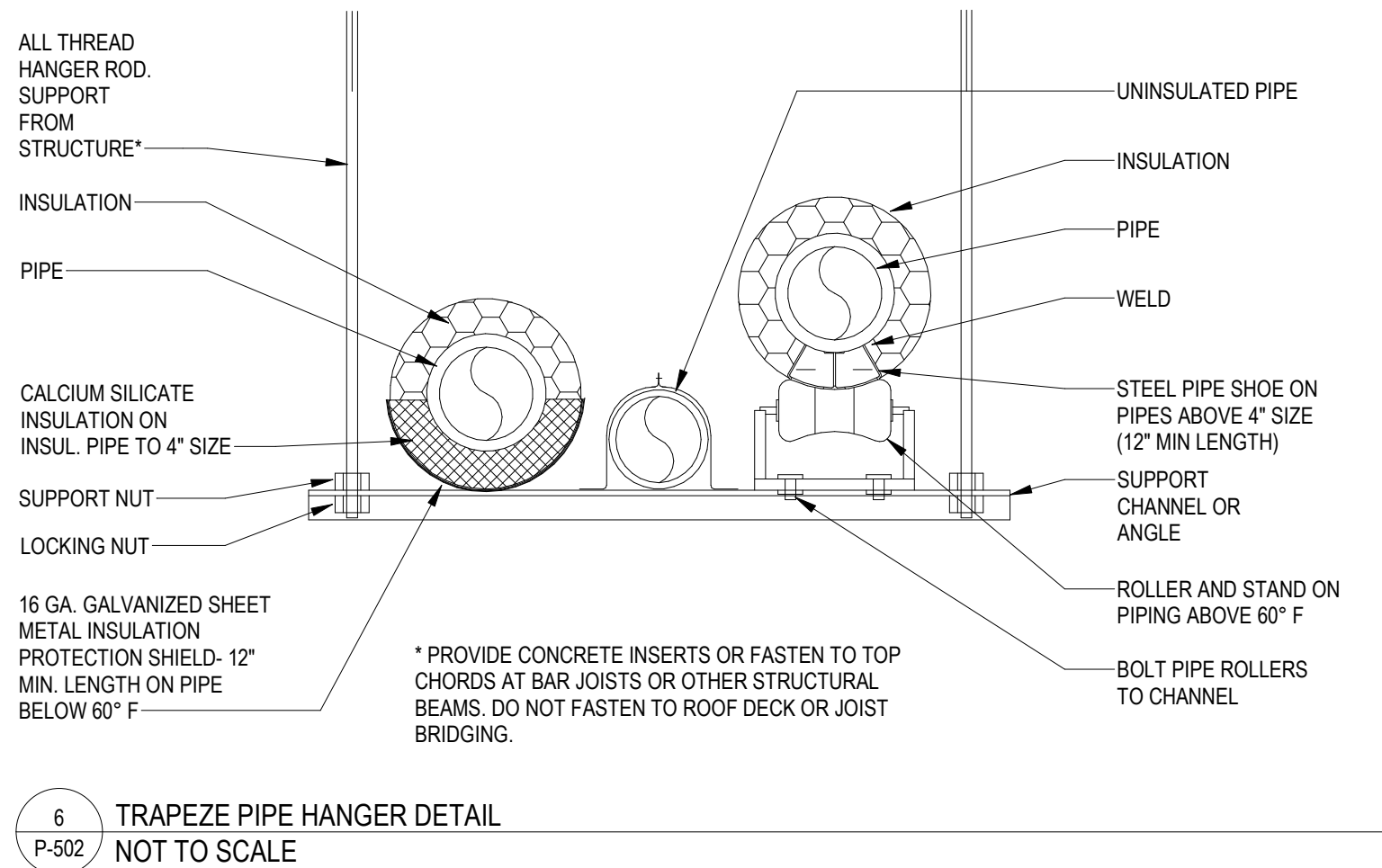
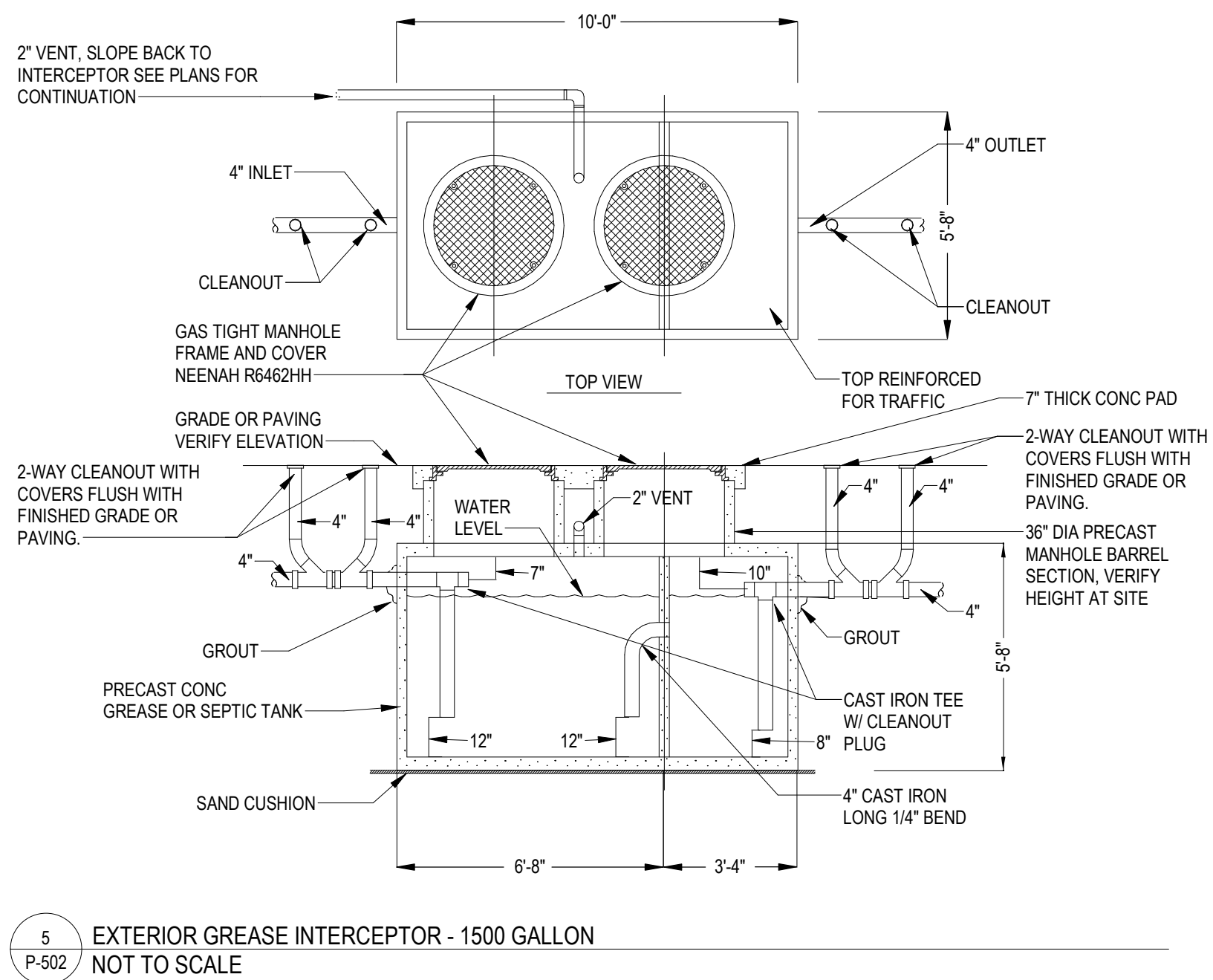
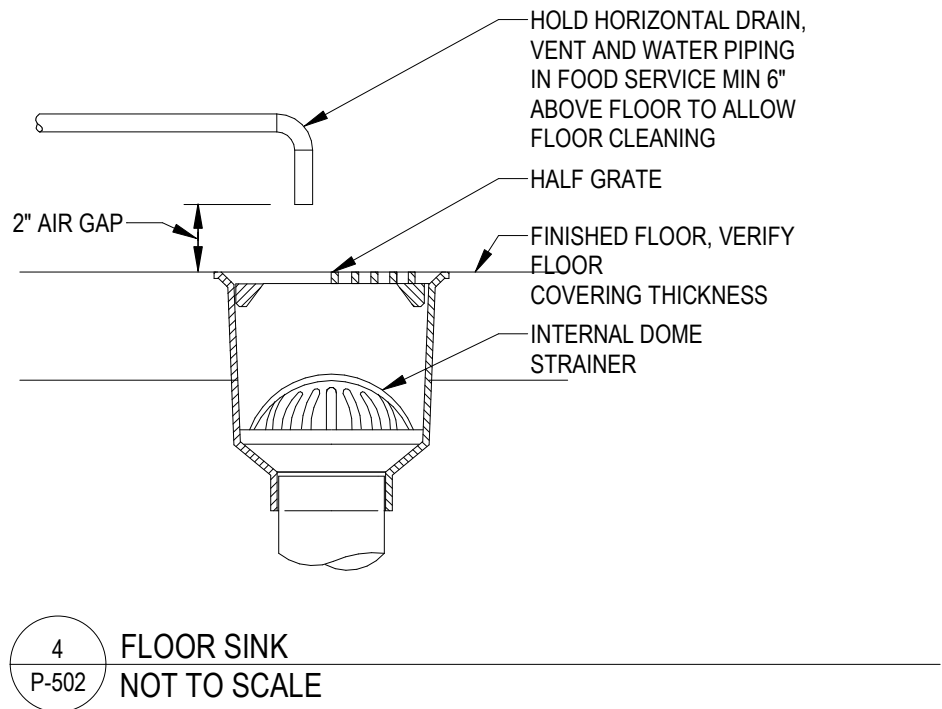
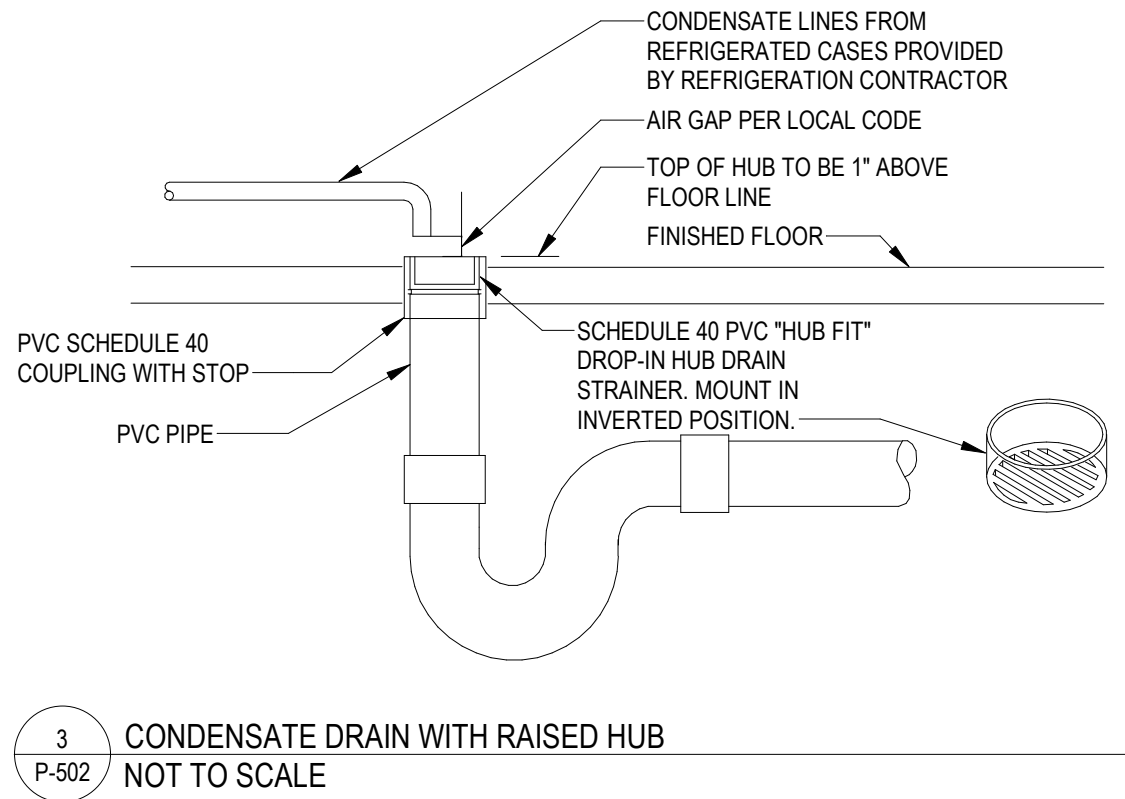
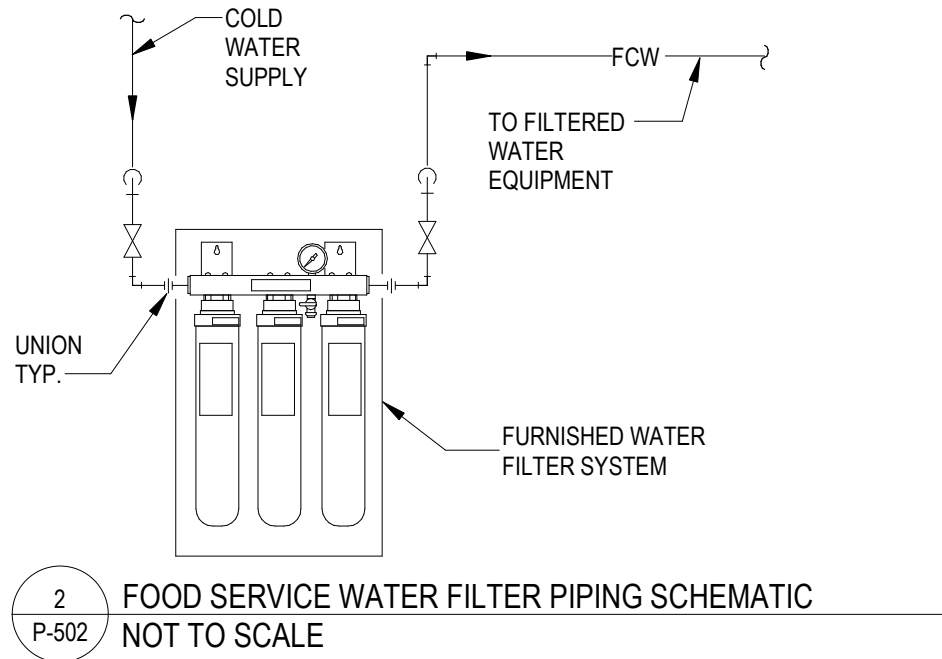
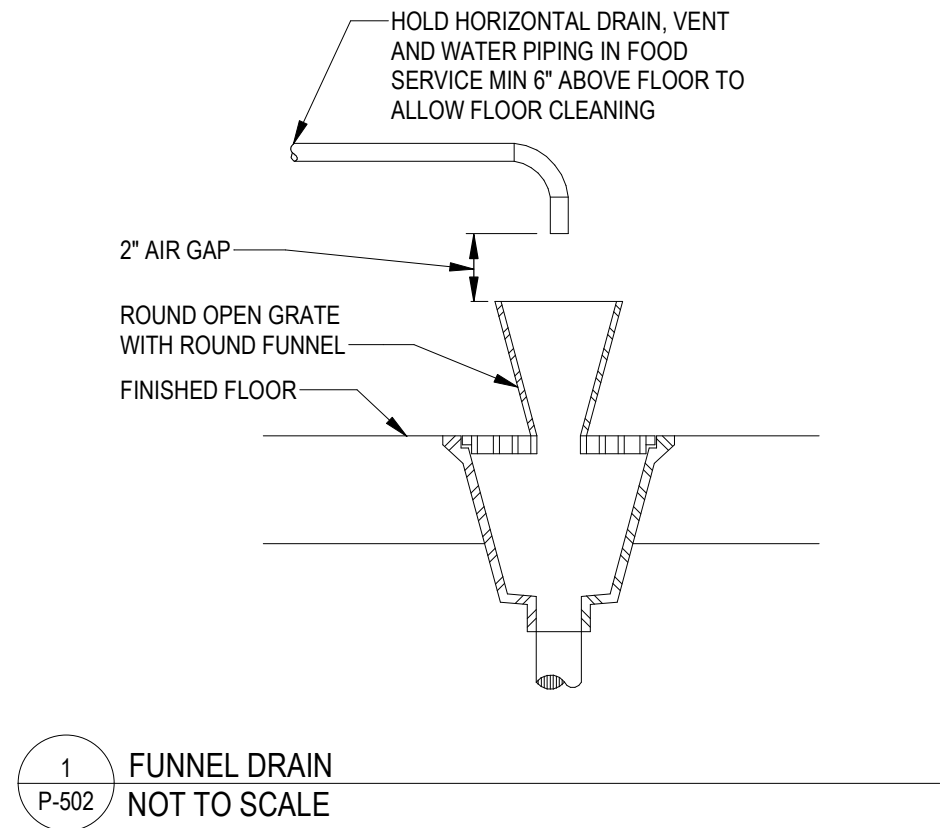
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PLUMBING DETAILS P-501

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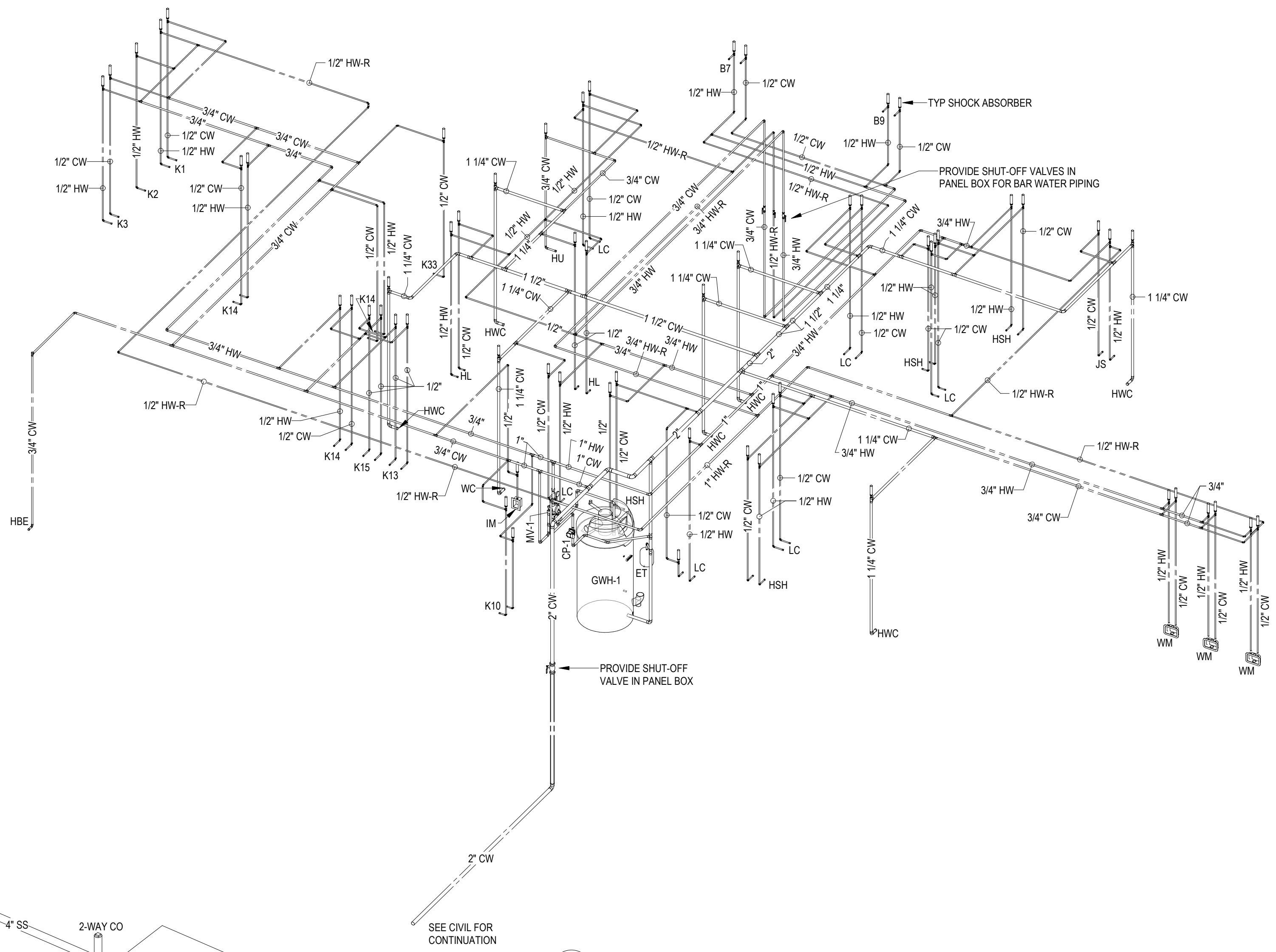
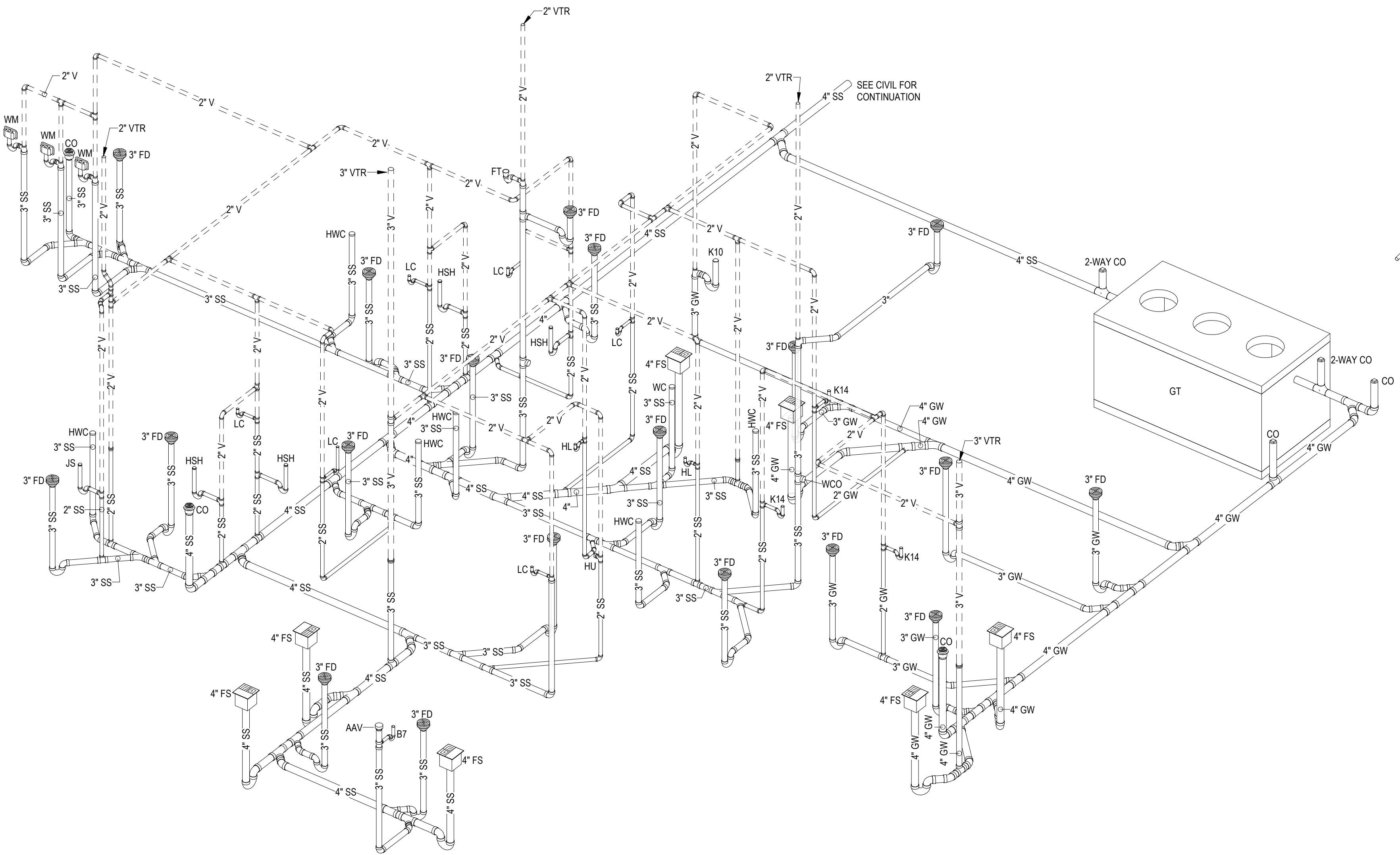
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PLUMBING
DETAILS

P-502

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