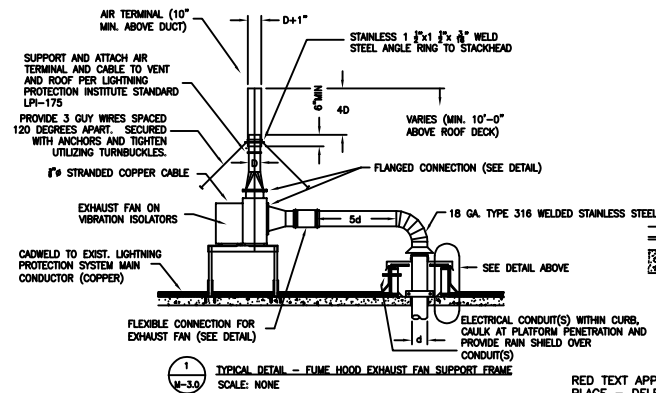
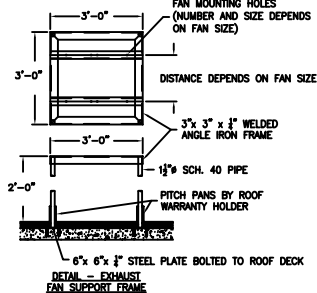
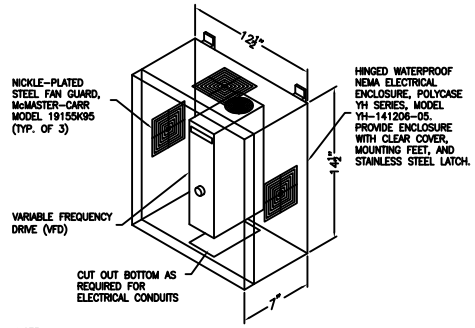
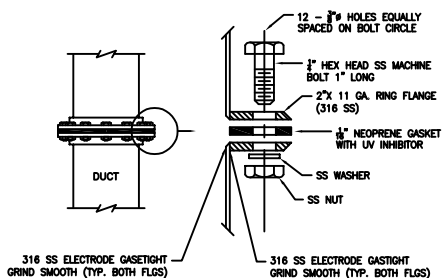
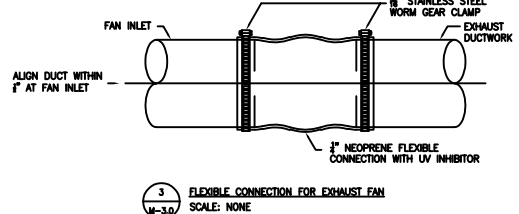
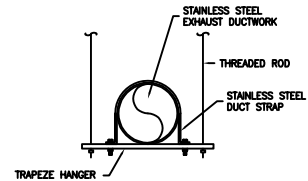


NOTES:
1. FEATHER FELTS BACK IN PLACE WHERE APPLICABLE. CHECK ROOF TYPE BEFORE INSTALLING CURB.

FUME HOOD FAN
DIAMETER D @ 3000 FPM
DISCHARGE DUCT SIZE
6" HPPH 575 CFM 6"
DIAMETER 4 @ 1000 FPM
SUCTION SIDE DUCT SIZE
6" HPPH 575 CFM 10"
AIRFLOWS BASED ON 80 FPM FACE VELOCITY WITH SASH SET AT 18" VERTICAL HEIGHT.



RED TEXT APPLIES ONLY WHEN LIGHTNING PROTECTION SYSTEM IS IN PLACE - DELETE IF THERE IS NO LIGHTNING PROTECTION IN PLACE.



NOTE:
SECURE ONE LATCH ON ENCLOSURE WITH BEST MODEL 11872 PADLOCK, PADLOCK CORE TO BE COMBINATION TO UGA M-89 KEY.

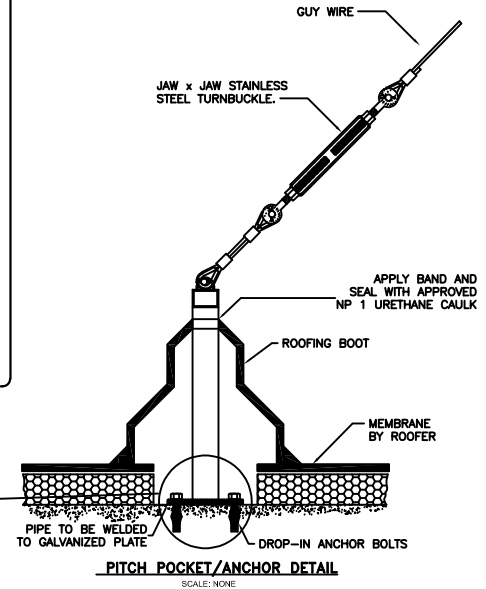
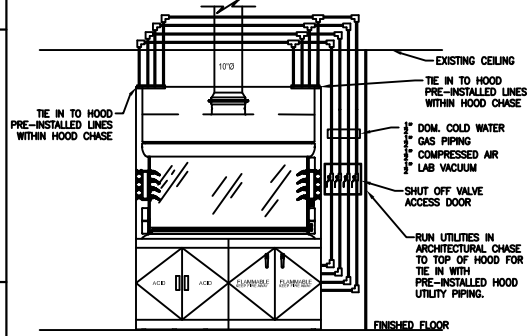
1. THE EXISTING HOOD UTILITY CONNECTIONS SHALL BE REMOVED FROM THE EXISTING HOOD WHICH SHALL BE DEMOLISHED BY OTHERS. THE HOOD UTILITY CONNECTIONS SHALL BE RECONNECTED TO THE NEW HOOD AS DETAILED ON 6/M-1.
2. THE EXISTING HOOD EXHAUST FAN, LOCATED ON THE ROOF, SHALL BE DEMOLISHED AND REMOVED BY THE CONTRACTOR.
3. THE EXISTING AUXILIARY, MAKE UP AIR FAN AND ASSOCIATED DUCT WORK SHALL BE DEMOLISHED AND REMOVED BY THE CONTRACTOR. THE DUCTWORK INTAKE LOUVER SHALL BE CAPPED AND SEALED WATERTIGHT.
4. EXHAUST DUCTWORK WITHIN THE BUILDING SHALL REMAIN AND BE REUSED TO THE EXTENT POSSIBLE/ BE REPLACED WITH NEW 316 STAINLESS STEEL DUCT.
5. THE NEW FUME HOOD EXHAUST DUCTWORK SHALL BE ROUTED THROUGH A NEW ROOF CURB/THE EXISTING ROOF PENETRATION AND ROOF CURB. THE CURB CAP SHALL BE REPLACED WITH A NEW 14 GA. SS CAP WHICH SHALL BE MADE WEATHER TIGHT. THE EXISTING FAN SUPPORT CURB CAP AND RAILS SHALL BE DEMOLISHED AND REPLACED WITH A NEW 14 GA. SS CAP AND MADE WATERTIGHT.
6. THE NEW HOOD EXHAUST UTILITY SET FAN SHALL BE SUPPORTED ON A NEW SUPPORT FRAME AS DETAILED ON 1/M-3.0, WHICH SHALL BE LOCATED TO ALLOW 5 DUCT DIAMETERS OF STRAIGHT DUCT UPSTREAM OF THE FLEXIBLE FAN CONNECTION. THE FAN DISCHARGE STACK SHALL BE LOCATED AT A DISTANCE NO LESS THAN 15' FROM ANY OUTSIDE AIR INTAKE. THE FAN STACK SHALL BE SUPPORTED WITH GUYS WIRES, TURNBUCKLES AND ANCHORS AS INDICATED ON DRAWINGS. COORDINATE FINAL FAN LOCATION WITH FMD-MECHANICAL DESIGN ENGINEER (706-542-6560) PRIOR TO REMOVING EXISTING FAN OR MAKING MODIFICATIONS TO THE ROOF.
7. NEW FAN SHALL BE CONNECTED TO EXISTING LIGHTNING PROTECTION SYSTEM AS SHOWN ON 1/M-3.0.
8. FUME HOOD EXHAUST FAN VARIABLE FREQUENCY DRIVE SHALL BE INSTALLED IN ENCLOSURE AS DETAILED ON 5/M-3.0. SEE ELECTRICAL SHEETS FOR DRIVE WIRING DETAILS. DRIVE SHALL BE LOCATED IN SPACE ON WALL ADJACENT TO FUME HOOD ALONG WITH ELECTRICAL DISCONNECT. COORDINATE DRIVE LOCATION WITH FMD-ELECTRICAL ENGINEER PRIOR TO INSTALL.
9. FAN SHALL OPERATE VIA ITS VARIABLE FREQUENCY DRIVE TO MAINTAIN 80 FEET PER MINUTE FACE VELOCITY AT 18" SASH POSITION. THE DRIVE SHALL BE JUMPED OUT TO PREVENT ON/OFF SWITCHING VIA THE HOOD. THE HOOD FAN CONTROL SWITCH SHALL BE BLANKED/THE HOOD EXHAUST FAN SHALL BE SWITCHED ON/OFF VIA A HOOD MOUNTED SWITCH (FACTORY SUPPLIED) THROUGH ITS VFD.
10. ASHRAE STANDARD 110 TESTING FOR SMOKE VISUALIZATION, FACE VELOCITY AND TRACER GAS TESTING SHALL BE COORDINATED WITH DEEEX CORP., FMD-08M (706-542-6561) UPON COMPLETION OF INSTALLATION AND TEST & BALANCE.
11. THIS BUILDING HAS A WARRANTED ROOF. DEMOLITION, REPAIR, AND NEW WORK UNDER THIS CONTRACT IS REQUIRED TO BE ACCOMPLISHED IN A WAY THAT MAINTAINS THE NEW ROOF WARRANTY. PREVENT DAMAGE TO ROOF. COORDINATE WITH THE NEW ROOF'S MANUFACTURER TO ENSURE MATERIALS, DETAILING, AND LABOR ARE PROVIDED SO AS TO MAINTAIN ROOF WARRANTY. FOR ROOF WARRANTY/MANUFACTURER INFORMATION CONTACT BLAINE PRITCHETT, UGA-FMD CONSTRUCTION DEPARTMENT, (404) 392-4702, BLAINE@UGA.EDU.

EXHAUST FAN SCHEDULE									
DESIG.	BASIS OF DESIGN	80 FPM FV	MOTOR	MAX. RPM	SONE	dBA			
MFGR.	MODEL NO.	CFM	S.P.	WATTS	HP	VOLT/PH	G	A	V
EF-4204	COOK	120CASD17	965	1.65"	—	208/3	1750	—	58

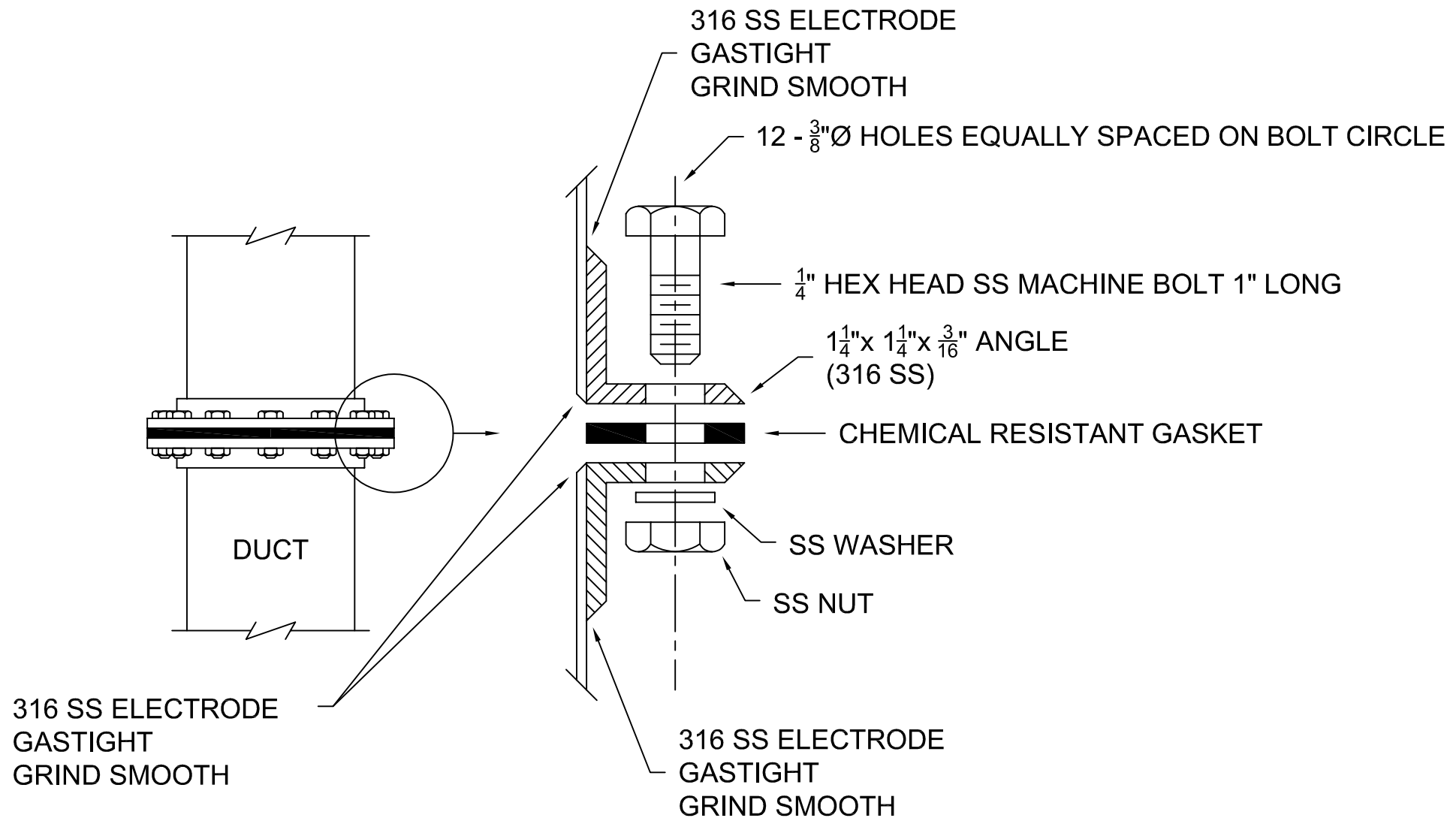
NOTES:
FAN OPTIONS SHALL INCLUDE: TEFC 208/3/60 MOTOR, SHAFT GROUNDING, PHENOLIC EPOXY COATING WITH UV, DRAIN, FLANGED INLET, FLANGED OUTLET, RUB RING, AND ALUMINUM WHEEL.
FAN TO BE SUPPLIED WITH ABB ACS150 VARIABLE FREQUENCY DRIVE

FUME HOOD SCHEDULE									
DESIG.	BASIS OF DESIGN	CFM	S.P.	FACE VELOCITY	SASH HEIGHT	DOWN	G	A	V
MFGR.	MODEL NO.	CFM	S.P.	FACE VELOCITY	SASH HEIGHT	DOWN	G	A	V
FH-4204	SUPREME AIR	LV05-6"	965	.30"	117 FPM	18"	2"	2"	2"

NOTES:
FUME HOOD SHALL BE SUPPLIED BY OWNER.
ALL NEW FUME HOODS SHALL BE ASHRAE 110 TESTED BY CERTIFIED AND APPROVED FUME HOOD TESTING CONTRACTOR.



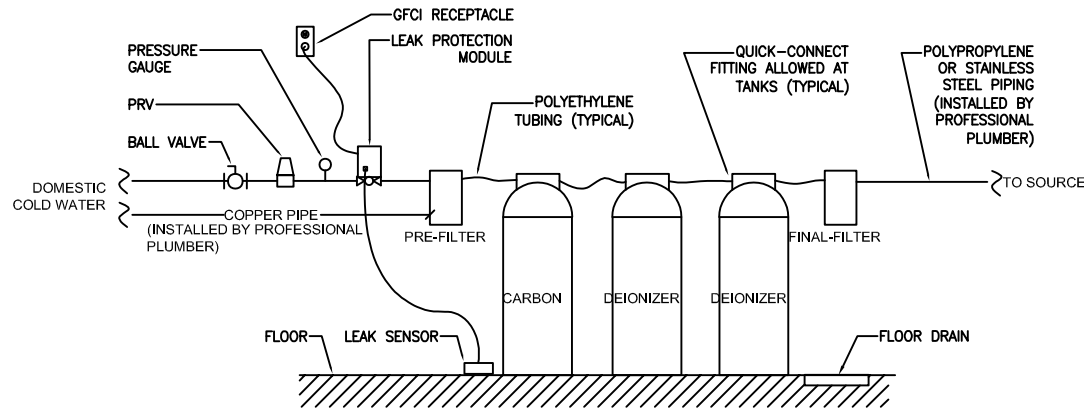
0	INITIAL FOR UGA STANDARDS	05/01/2023



EXPLODED VIEW OF FLANGED CONNECTION

TYPICAL FOR ALL EXHAUST DUCTS
NOT TO SCALE

0	INITIAL FOR UGA STANDARDS	05/01/2023

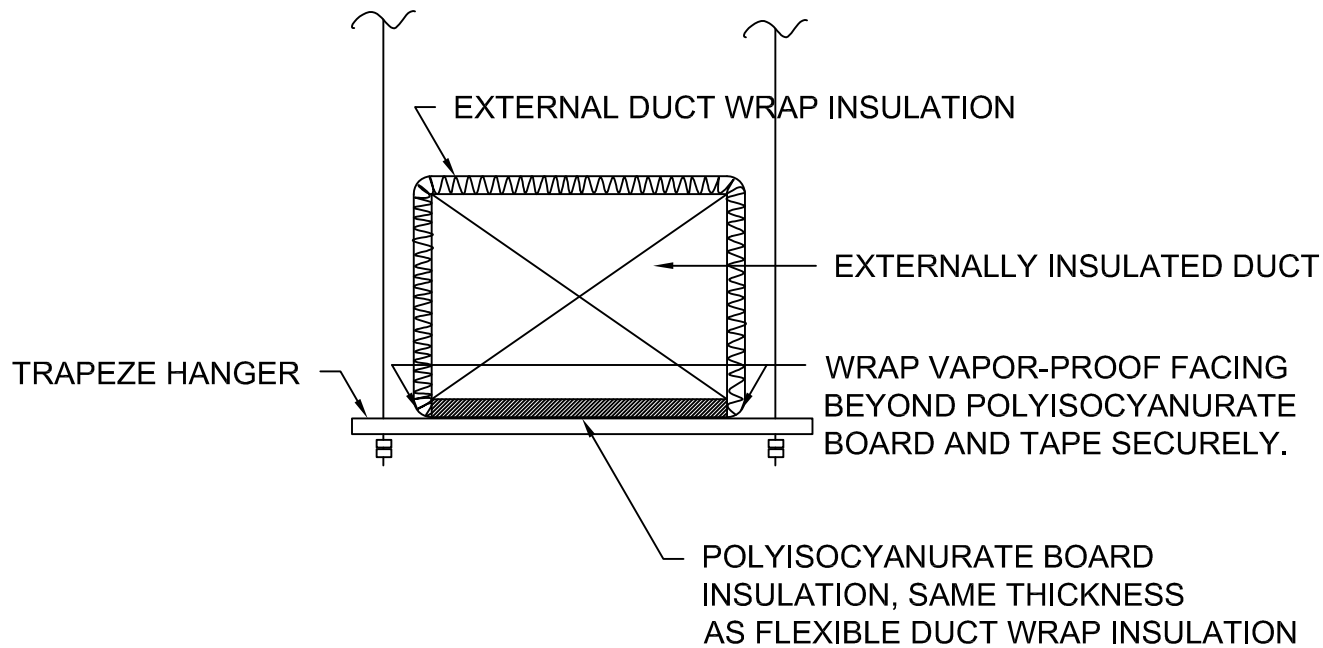


DE-IONIZED WATER INSTALLATION DETAIL
(SCHEMATIC ONLY)

NOTES:

1. ALL CONNECTOR FITTINGS SHALL BE WITH THREADED CONNECTIONS WITH O-RINGS. COMPRESSION FITTINGS ARE NOT ALLOWED.
2. LEAK DETECTION MODEL SHALL BE SERIES 1000 LEAK-GOPHER, OR APPROVED EQUAL. FOR LARGE DISTRIBUTED SYSTEMS, AUTOMATIC FLOW LIMITING DEVICES MAY BE REQUIRED IN PLACE OF LEAK DETECTION. (PROVIDE FLO-LOGIC SYSTEM OR EQUAL)
3. FLOOR DRAINS SHALL BE REQUIRED FOR INSTALLATIONS IN NEW BUILDING, BUT FOR RENOVATIONS SHALL BE CONSIDERED ON A CASE-BY-CASE SCENARIO.
4. PRV SHALL BE BRASS CONSTRUCTION (WATTS OR APPROVED EQUAL)
5. GFCI RECEPTACLE SHALL BE REQUIRED WHEN NECESSARY AS REQUIRED TO MEET CODE.
6. ALL SHOWN RIGID PIPE (COPPER, STAINLESS STEEL, OR POLYPROPYLENE) SHALL BE INSTALLED BY A PROFESSIONAL PLUMBER (FMD OR A PLUMBING CONTRACTOR).
7. ALL INSTALLATIONS MUST BE APPROVED BY FMD. DEPENDING UPON LOCATION RELATIVE TO SENSITIVE EQUIPMENT (ELECTRICAL ROOMS, RESEARCH EQUIPMENT, ETC.) REQUIREMENTS MAY VARY.
8. ANY PIPING DISTRIBUTION BEYOND THE FINAL FILTER SHALL BE STAINLESS STEEL OR HEAT-FUSED POLYPROPYLENE AND SHALL BE PROPERLY SUPPORTED WITH PIPE HANGERS, SADDLES, PIPING CLAMPS, ETC., UNLESS THE END SOURCE IS DIRECTLY ADJACENT TO THE DI TANKS, THEN POLYETHYLENE TUBING IS ACCEPTABLE.

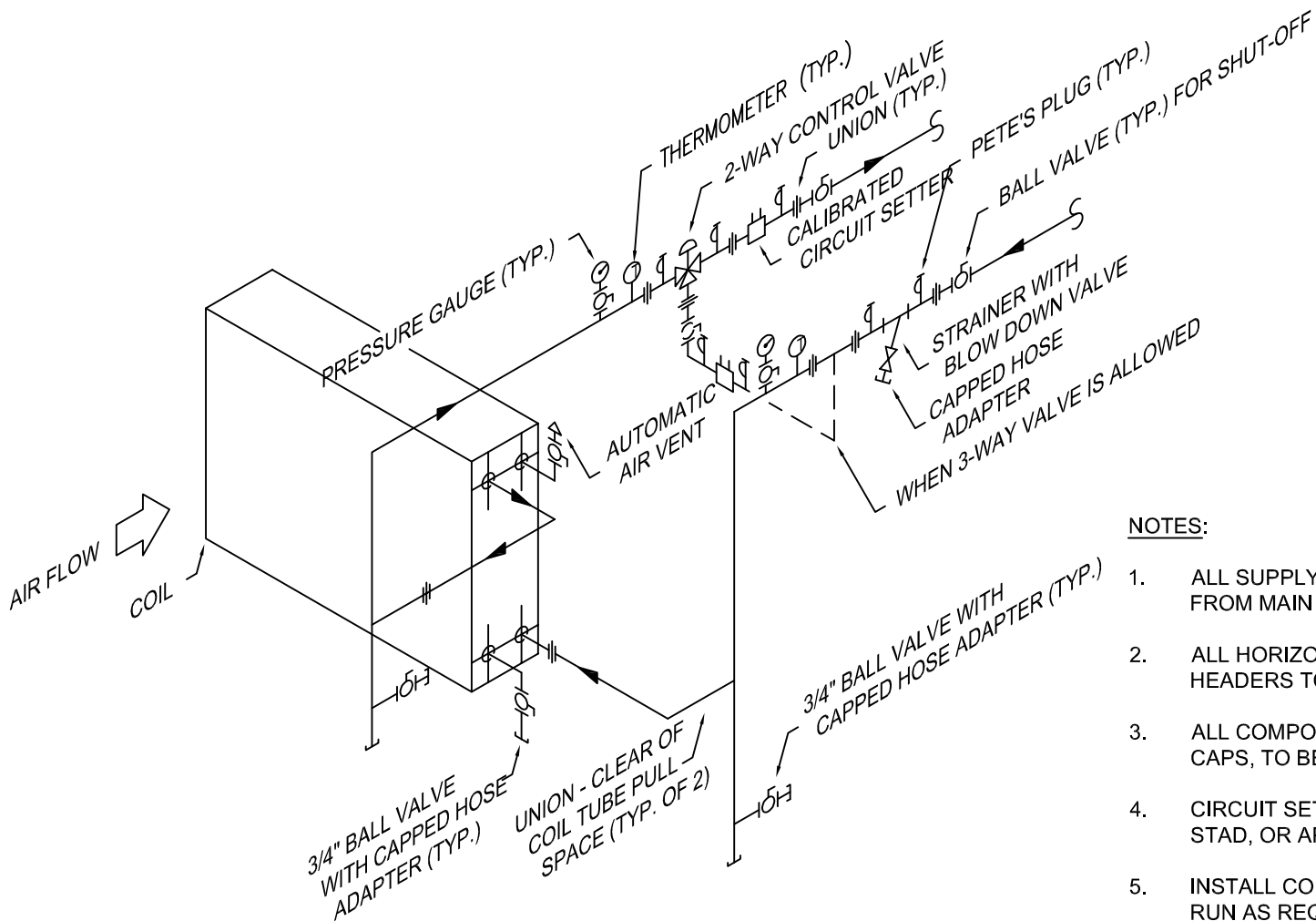
0	INITIAL FOR UGA STANDARDS	05/01/2023



TRAPEZE HANGER INSULATION DETAIL

NO SCALE

0	INITIAL FOR UGA STANDARDS	05/01/2023



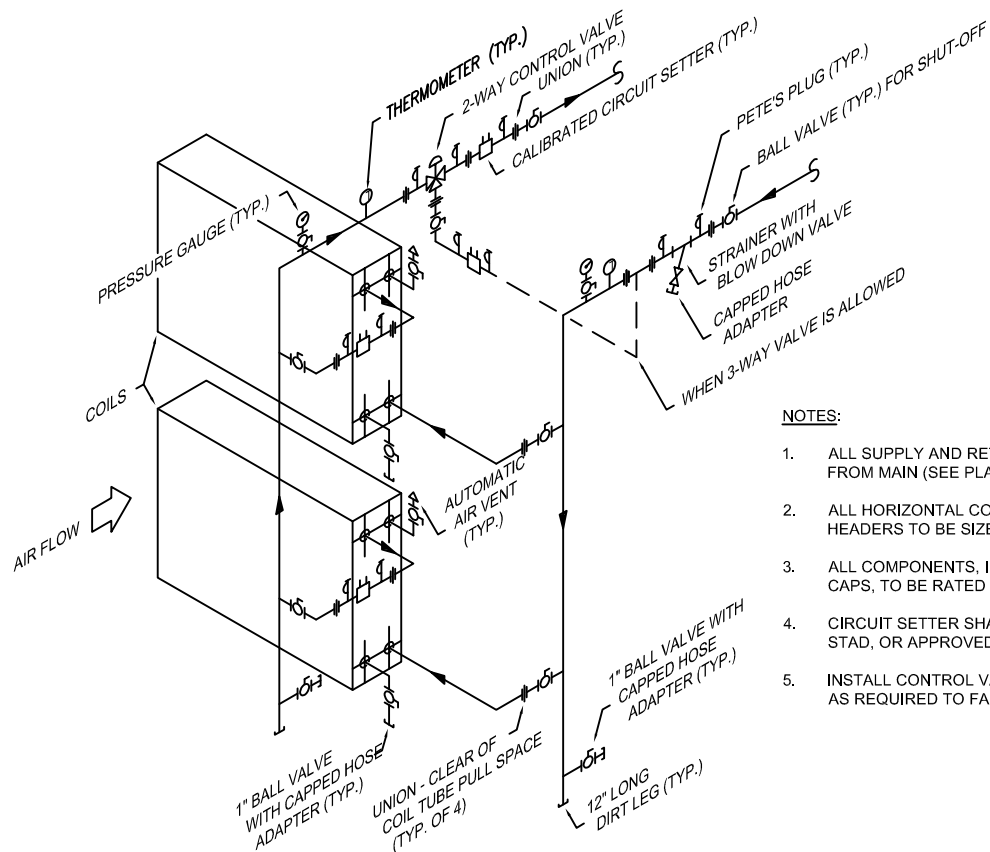
NOTES:

1. ALL SUPPLY AND RETURN HEADERS TO BE FULL SIZE FROM MAIN (SEE PLANS FOR PIPE SIZE).
2. ALL HORIZONTAL CONNECTIONS TO COILS FROM VERTICAL HEADERS TO BE SIZE OF COIL CONNECTIONS.
3. ALL COMPONENTS, INCLUDING DRAIN VALVE ADAPTER CAPS, TO BE RATED FOR FULL SYSTEM OPERATING PRESSURE.
4. CIRCUIT SETTER SHALL BE TOUR AND ANDERSON, MODEL STAD, OR APPROVED EQUAL.
5. INSTALL CONTROL VALVE PACKAGE IN HORIZONTAL PIPE RUN AS REQUIRED TO FACILITATE COIL REMOVAL.

A.H.U. COIL PIPING DETAIL – SINGLE COIL

SCHEMATIC ONLY

0	INITIAL FOR UGA STANDARDS	05/01/2023



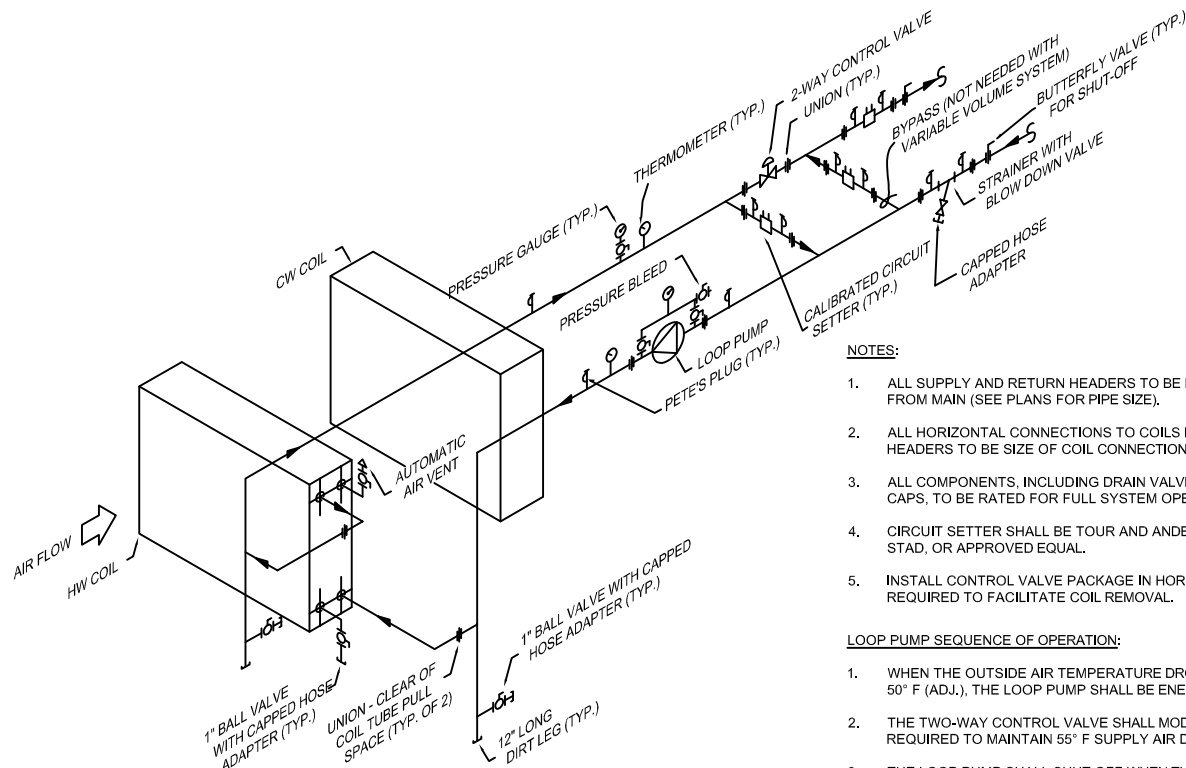
NOTES:

1. ALL SUPPLY AND RETURN HEADERS TO BE FULL SIZE FROM MAIN (SEE PLANS FOR PIPE SIZE).
2. ALL HORIZONTAL CONNECTIONS TO COILS FROM VERTICAL HEADERS TO BE SIZE OF COIL CONNECTIONS.
3. ALL COMPONENTS, INCLUDING DRAIN VALVE ADAPTER CAPS, TO BE RATED FOR FULL SYSTEM OPERATING PRESSURE.
4. CIRCUIT SETTER SHALL BE TOUR AND ANDERSON, MODEL STAD, OR APPROVED EQUAL.
5. INSTALL CONTROL VALVE PACKAGE IN HORIZONTAL PIPE RUN AS REQUIRED TO FACILITATE COIL REMOVAL.

A.H.U. COIL PIPING DETAIL – MULTIPLE COILS

SCHEMATIC ONLY

0	INITIAL FOR UGA STANDARDS	05/01/2023



A.H.U. COIL PIPING DETAIL:
HOT WATER COIL WITH LOOP PUMP & 2-WAY VALVE

SCHEMATIC ONLY

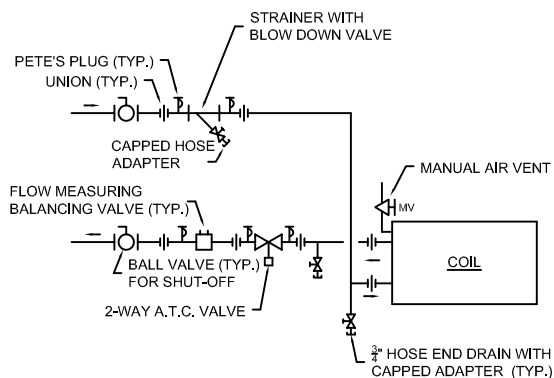
NOTES:

1. ALL SUPPLY AND RETURN HEADERS TO BE FULL SIZE FROM MAIN (SEE PLANS FOR PIPE SIZE).
2. ALL HORIZONTAL CONNECTIONS TO COILS FROM VERTICAL HEADERS TO BE SIZE OF COIL CONNECTIONS.
3. ALL COMPONENTS, INCLUDING DRAIN VALVE ADAPTER CAPS, TO BE RATED FOR FULL SYSTEM OPERATING PRESSURE.
4. CIRCUIT SETTER SHALL BE TOUR AND ANDERSON, MODEL STAD, OR APPROVED EQUAL.
5. INSTALL CONTROL VALVE PACKAGE IN HORIZONTAL PIPE RUN AS REQUIRED TO FACILITATE COIL REMOVAL.

LOOP PUMP SEQUENCE OF OPERATION:

1. WHEN THE OUTSIDE AIR TEMPERATURE DROPS BELOW 50° F (ADJ.), THE LOOP PUMP SHALL BE ENERGIZED.
2. THE TWO-WAY CONTROL VALVE SHALL MODULATE AS REQUIRED TO MAINTAIN 55° F SUPPLY AIR DISCHARGE TEMPERATURE.
3. THE LOOP PUMP SHALL SHUT OFF WHEN THE OUTSIDE AIR TEMPERATURE RISES ABOVE 52° F (ADJ.).
4. DESIGNER NOTE: LOOP PUMP SEQUENCE OF OPERATION TO BE INCLUDED IN AIR HANDLING UNIT SEQUENCE OF OPERATION.

0	INITIAL FOR UGA STANDARDS	05/01/2023

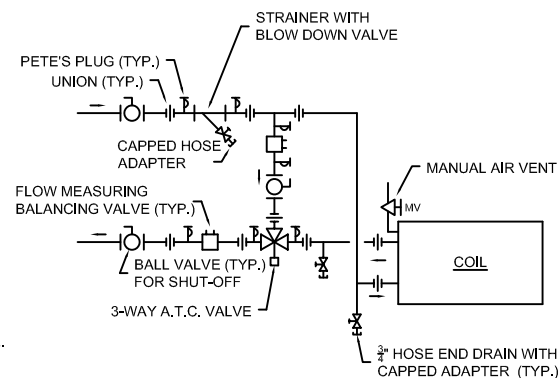


NOTES:

1. ARRANGE ALL PIPING TO ALLOW REMOVAL OF COIL.
2. PIPING SHOWN IS DIAGRAMMATIC.
3. ALL COMPONENTS, INCLUDING DRAIN VALVE ADAPTER CAPS, TO BE RATED FOR FULL SYSTEM OPERATING PRESSURE.
4. CIRCUIT SETTERS SHALL BE TOUR AND ANDERSON, MODEL STAD, OR APPROVED EQUAL.

FAN COIL UNIT & TERMINAL UNIT COIL PIPING DETAIL
2-WAY VALVE CONFIGURATION

(SCHEMATIC ONLY)



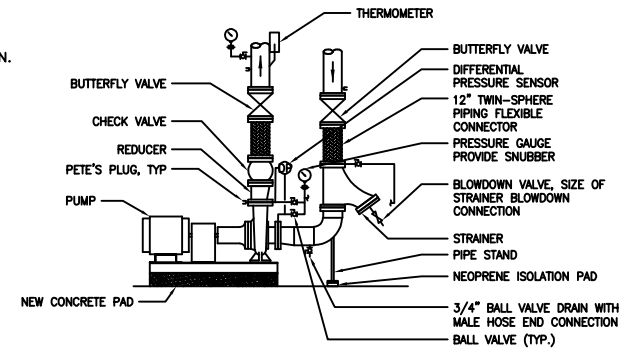
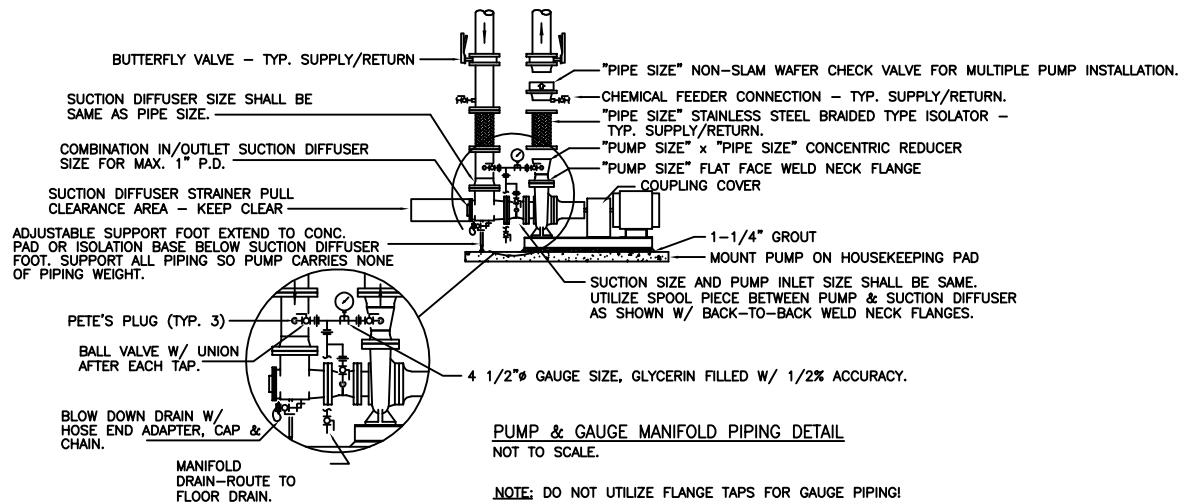
NOTES:

1. ARRANGE ALL PIPING TO ALLOW REMOVAL OF COIL.
2. PIPING SHOWN IS DIAGRAMMATIC.
3. ALL COMPONENTS, INCLUDING DRAIN VALVE ADAPTER CAPS, TO BE RATED FOR FULL SYSTEM OPERATING PRESSURE.
4. CIRCUIT SETTERS SHALL BE TOUR AND ANDERSON, MODEL STAD, OR APPROVED EQUAL.

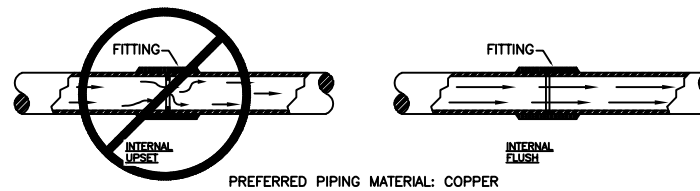
FAN COIL UNIT & TERMINAL UNIT COIL PIPING DETAIL
3-WAY VALVE CONFIGURATION

(SCHEMATIC ONLY)

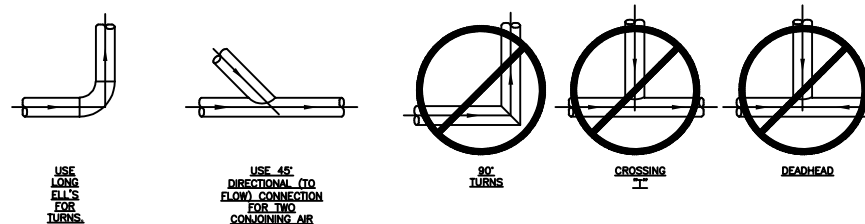
0	INITIAL FOR UGA STANDARDS	05/01/2023



- NOTES:
1. TRIPLE DUTY VALVES ARE NOT ACCEPTABLE.
 2. ALL WATER FLOW BALANCING SHALL BE PERFORMED BY USE OF THE VFD.
 3. UPON COMPLETION OF PIPING SYSTEM FLUSHING AND CLEANING, THE CONTRACTOR SHALL REMOVE ALL STRAINER START-UP SCREENS/STRAINERS AND SECURE EACH TO THE ASSOCIATED STRAINER UNTIL THE ENGINEER CAN CONFIRM THEIR REMOVAL.



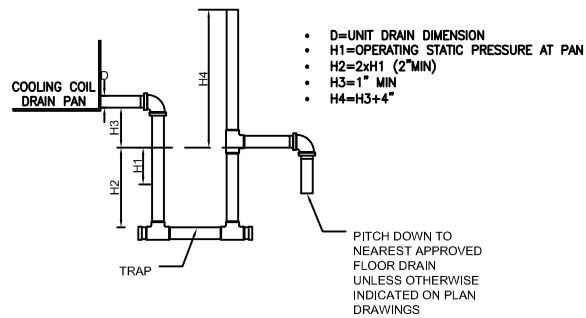
PIPING DETAIL TO ASSIST IN KEEPING SYSTEM PRESSURE DROPS LOW.
SCALE: N.T.S.



GUIDELINES FOR PIPING INSTALLATION:
SCALE: N.T.S.

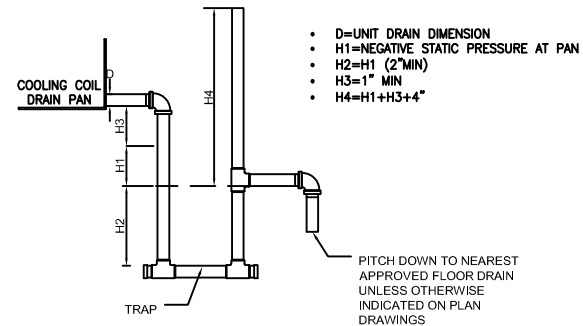
- NOTE:**
1. NO CROSSING TEES AND DEAD HEADS.
 2. INTERCONNECTING PIPING 20 FT/SEC VELOCITY OR LESS.
 3. DISTRIBUTION HEADER 30 FT/SEC VELOCITY OR LESS.
 4. FEED TO PROCESS SHOULD BE 35 FPS OR LESS.

0	INITIAL FOR UGA STANDARDS	05/01/2023



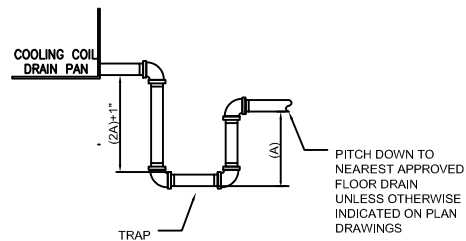
- NOTES:
1. ALL CONDENSATE DRAIN LINES SHALL BE FULL SIZE OF DRAIN PAN OUTLET
 2. DO NOT PENETRATE FLOOR SLAB WITH TRAP.

① BLOW-THROUGH CONDENSATE DRAIN TRAPS
SCALE: NONE



- NOTES:
1. ALL CONDENSATE DRAIN LINES SHALL BE FULL SIZE OF DRAIN PAN OUTLET
 2. DO NOT PENETRATE FLOOR SLAB WITH TRAP.

② DRAW-THROUGH CONDENSATE DRAIN TRAPS
SCALE: NONE



- NOTES:
1. ALL CONDENSATE DRAIN LINES SHALL BE FULL SIZE OF DRAIN PAN OUTLET
 2. A = UNIT TOTAL STATIC PRESSURE (T.S.P.)
 3. DO NOT PENETRATE FLOOR SLAB WITH TRAP.

③ CONDENSATE DRAIN TRAPS
SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023

BUTTERFLY VALVE – TYP.
SUPPLY/RETURN

SUCTION DIFFUSER SIZE SHALL
BE SAME AS PIPE SIZE.

COMBINATION IN/OUTLET SUCTION
DIFFUSER SIZE FOR MAX. 1" P.D.

SUCTION DIFFUSER STRAINER
PULL CLEARANCE AREA – KEEP
CLEAR

ADJUSTABLE SUPPORT FOOT EXTEND TO
CONC. PAD OR ISOLATION BASE BELOW
SUCTION DIFFUSER FOOT. SUPPORT ALL
PIPING SO PUMP CARRIES NONE OF
PIPING WEIGHT.

"PIPE SIZE" STAINLESS STEEL BRAIDED TYPE
ISOLATOR – TYP. SUPPLY/RETURN.

"PIPE SIZE" NON-SLAM WAFER CHECK
VALVE FOR MULTIPLE PUMP INSTALLATION.

LONG RADIUS ELBOW

"PUMP SIZE" x "PIPE SIZE" CONCENTRIC REDUCER

"PUMP SIZE" FLAT FACE WELD NECK FLANGE

1-1/4" GROUT

MOUNT PUMP ON HOUSEKEEPING PAD

PETE'S PLUG (TYP. 3)

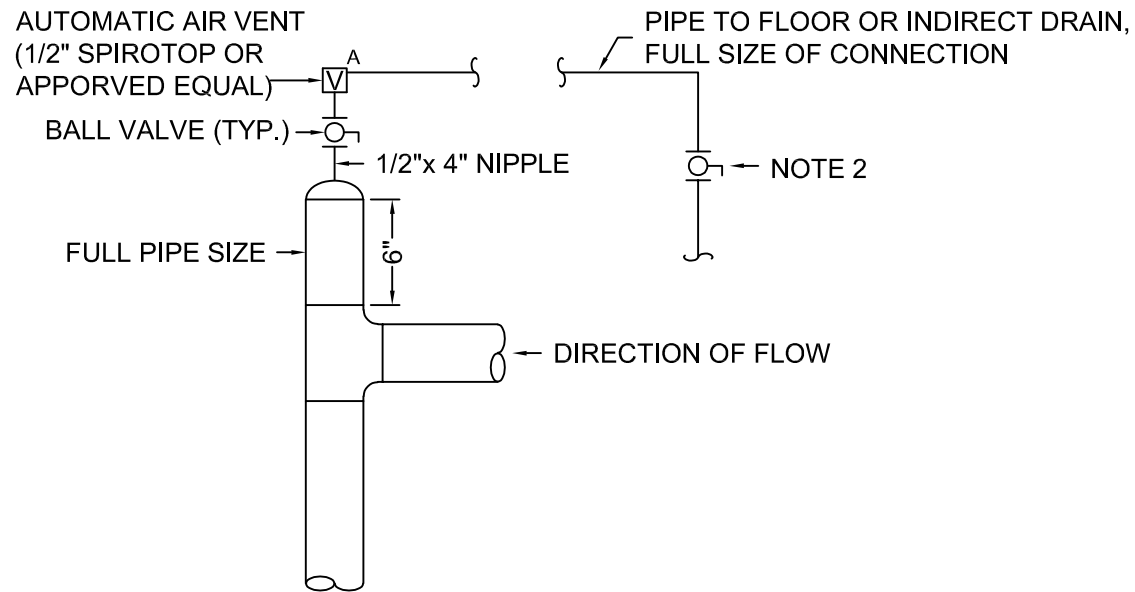
BALL VALVE W/ UNION
AFTER EACH TAP.

BLOW DOWN DRAIN W/ HOSE
END ADAPTER, CAP & CHAIN.

MANIFOLD DRAIN-ROUTE TO
FLOOR DRAIN.

4 1/2"Ø GAUGE SIZE, GLYCERIN
FILLED W/ 1/2%% ACCURACY.

0	INITIAL FOR UGA STANDARDS	05/01/2023



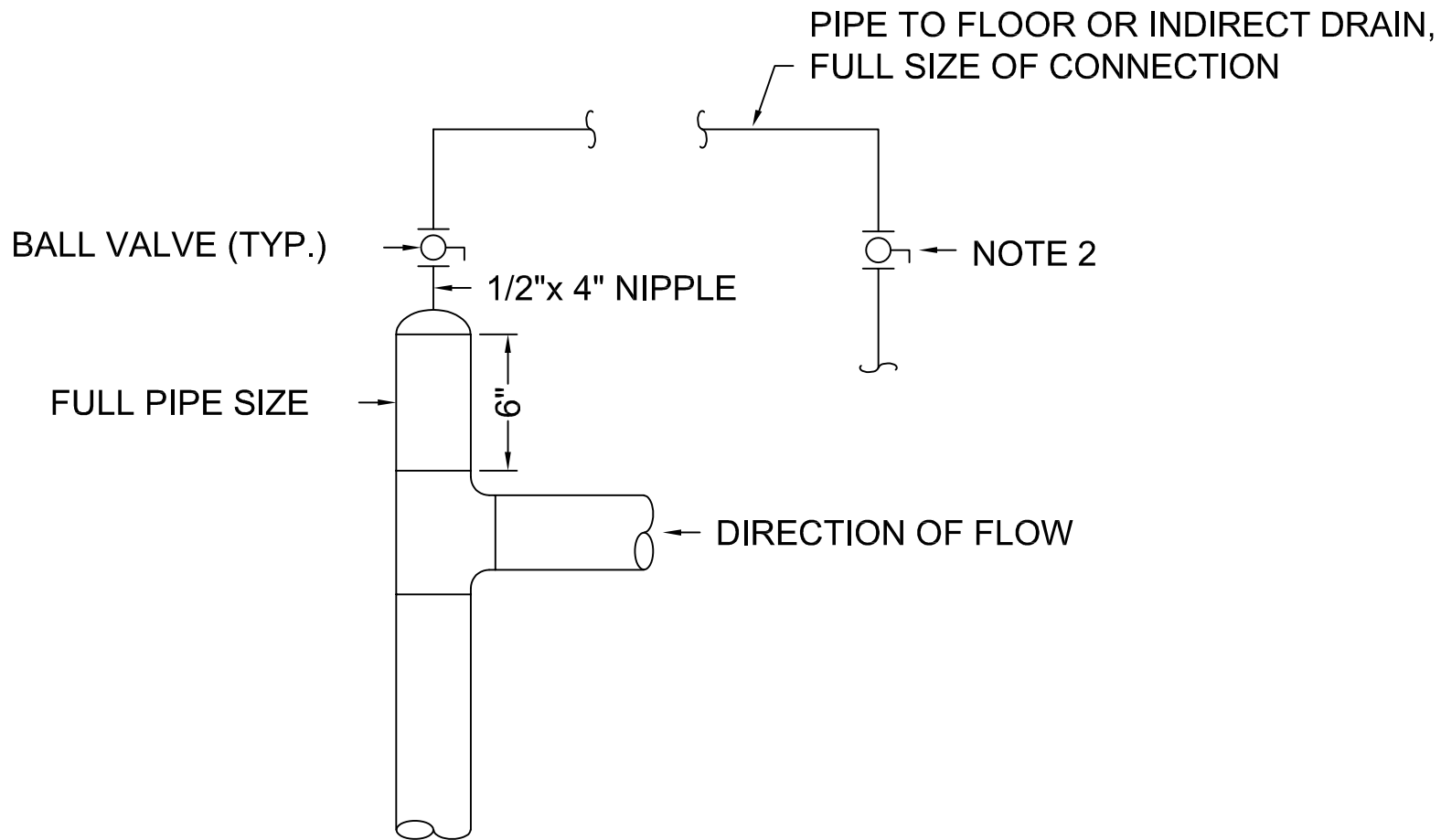
NOTES:

1. VENT ALL HIGH POINTS AS INDICATED ABOVE.
2. PROVIDE BALL VALVE IN ACCESSIBLE LOCATION WHERE DISCHARGE FROM TUBING CAN BE OBSERVED. PROVIDE AAV WHERE INDICATED. PROVIDE BALL VALVE AHEAD OF AAV.

AUTOMATIC AIR VENT DETAIL

SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023



MANUAL AIR VENT DETAIL

SCALE: NONE

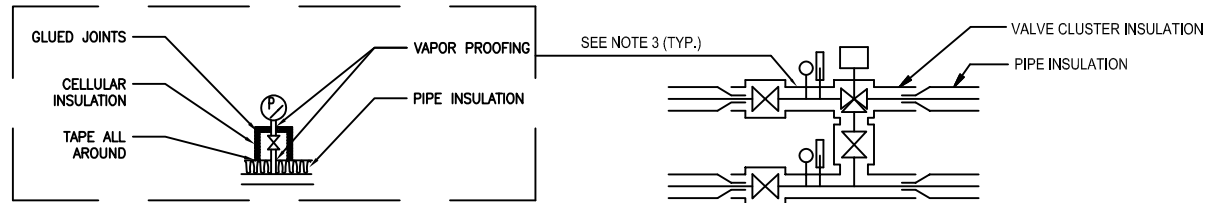
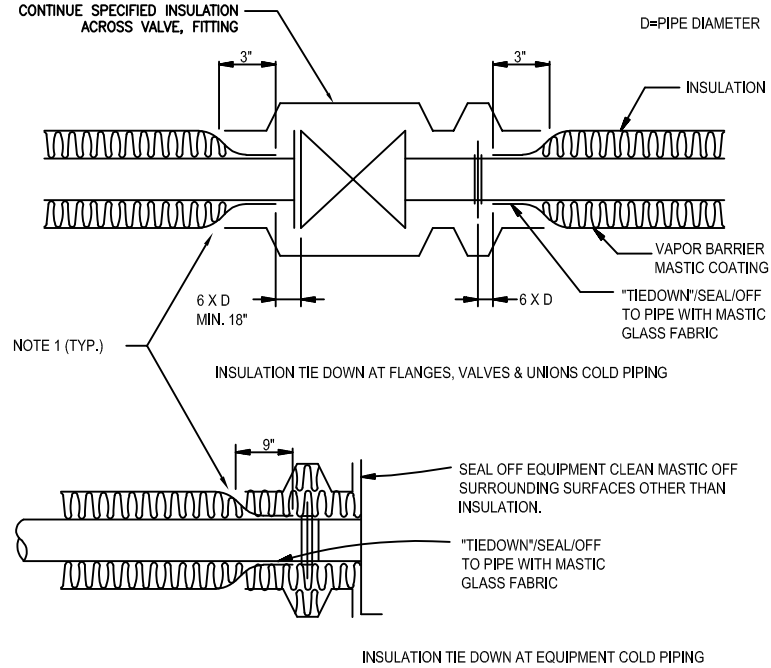
NOTES:

1. VENT ALL HIGH POINTS AS INDICATED ABOVE.
2. PROVIDE BALL VALVE IN ACCESSIBLE LOCATION WHERE DISCHARGE FROM TUBING CAN BE OBSERVED.

0	INITIAL FOR UGA STANDARDS	05/01/2023

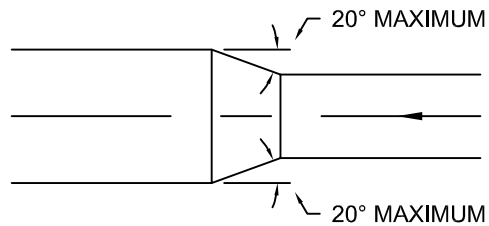
NOTES:

1. IDENTIFY ALL "TIE DOWNS" INCLUDING ON STRAIGHT RUNS OF PIPE WITH 4" WIDE PLASTIC ADHESIVE BANDS TAPED ALL AROUND AND MARKED "VAPOR PROOFED TO PIPE". PROVIDE TIE-DOWNS EVERY 21 FEET ON STRAIGHT RUNS OF PIPE.
2. DO NOT DAMAGE VAPOR BARRIER/TIE DOWNS ON EXISTING WORK WHEN ADDING NEW WORK. REPAIR ANY DAMAGE DONE.
3. PROVIDE INSULATION ON ALL INSTRUMENTS, VALVES, PROBES, PETE'S PLUGS, TO PREVENT CONDENSATION/DIPPING. INSULATION MAY BE "ARMAFLEX" OR OTHER APPROVED FLEXIBLE CELLULAR INSULATION FIXED WITH MANUFACTURER'S APPROVED ADHESIVE OR "NO DRIP" TAPE NEATLY APPLIED. THE CELLULAR INSULATION SHALL BE FORMED INTO A "CUP" OF SUITABLE DIAMETER TO FIT OVER THE VALVE, PROBE, ETC. AND TAPED TO THE SURFACE OF THE PIPE INSULATION.



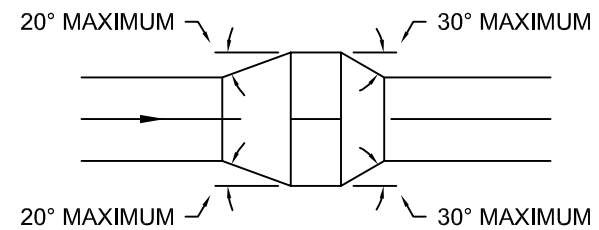
INSULATION TIE DOWN/SEAL OFF POINTS FOR CHILLED WATER PIPE DETAIL
SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023



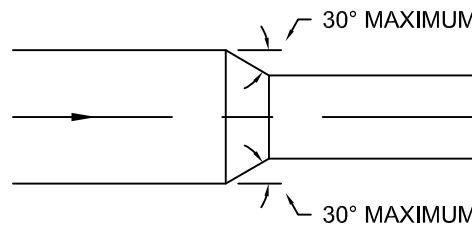
① DIVERGING DUCT TRANSITION

UNLESS NOTED OTHERWISE ON PLANS, ANGLES SHOWN SHALL APPLY



② TRANSITION AT EQUIPMENT

UNLESS NOTED OTHERWISE ON PLANS, ANGLES SHOWN SHALL APPLY



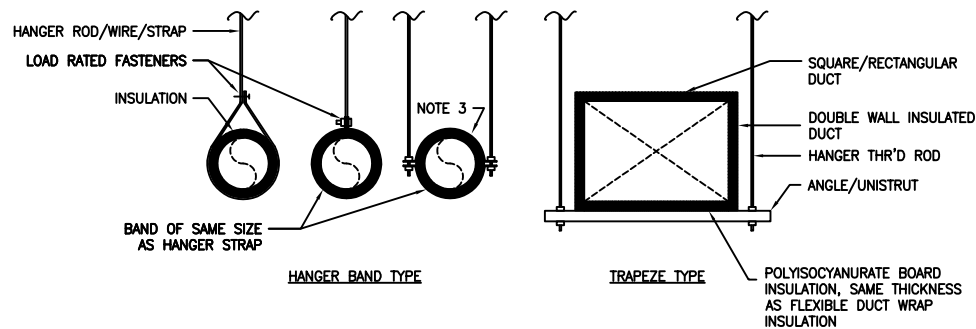
③ CONVERGING DUCT TRANSITION

UNLESS NOTED OTHERWISE ON PLANS, ANGLES SHOWN SHALL APPLY

DUCT TRANSITIONS

SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023

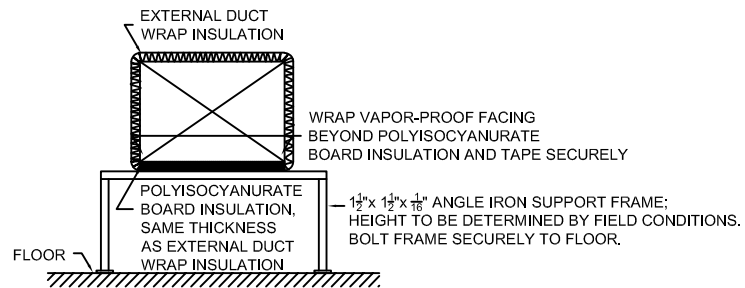


NOTE:

1. WHERE EXTERNAL DUCT WRAP INSULATION IS UTILIZED, POLYISOCYANURATE BOARD INSULATION WILL BE USED AT BETWEEN SUPPORT AND DUCT WITH SAME THICKNESS AS EXTERNAL DUCT WRAP INSULATION.
2. WRAP VAPOR-PROOF FACING BEYOND POLYISOCYANURATE BOARD INSULATION AND TAPE SECURELY.
3. ONE HALF-ROUND MAY BE USED IF DUCT RETAINS IT'S SHAPE.

DUCT HANGER SUPPORT DETAIL

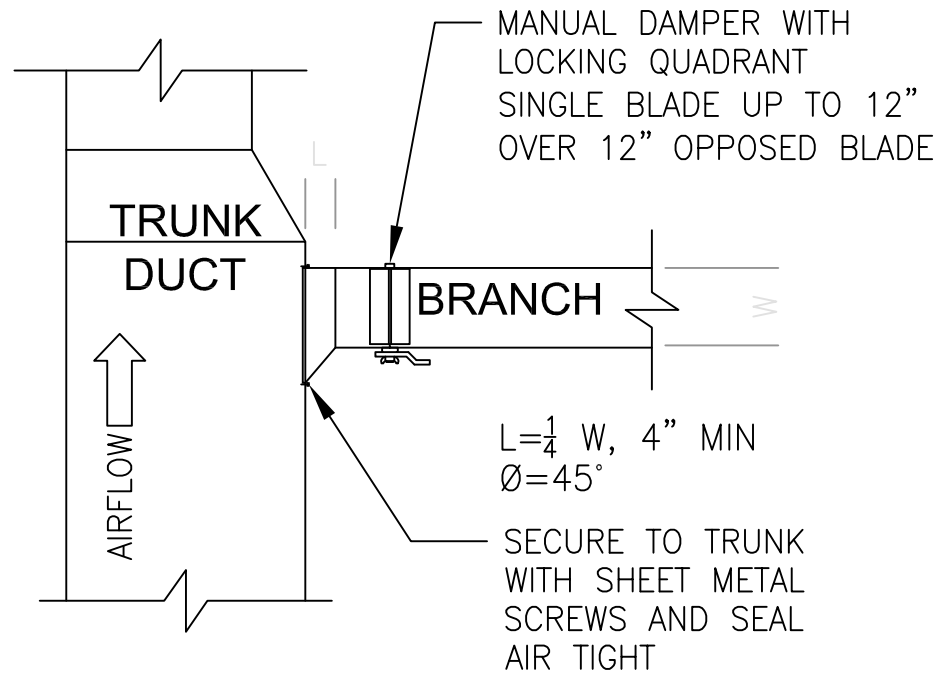
NO SCALE



DETAIL FOR DUCTWORK SUPPORTED FROM FLOOR

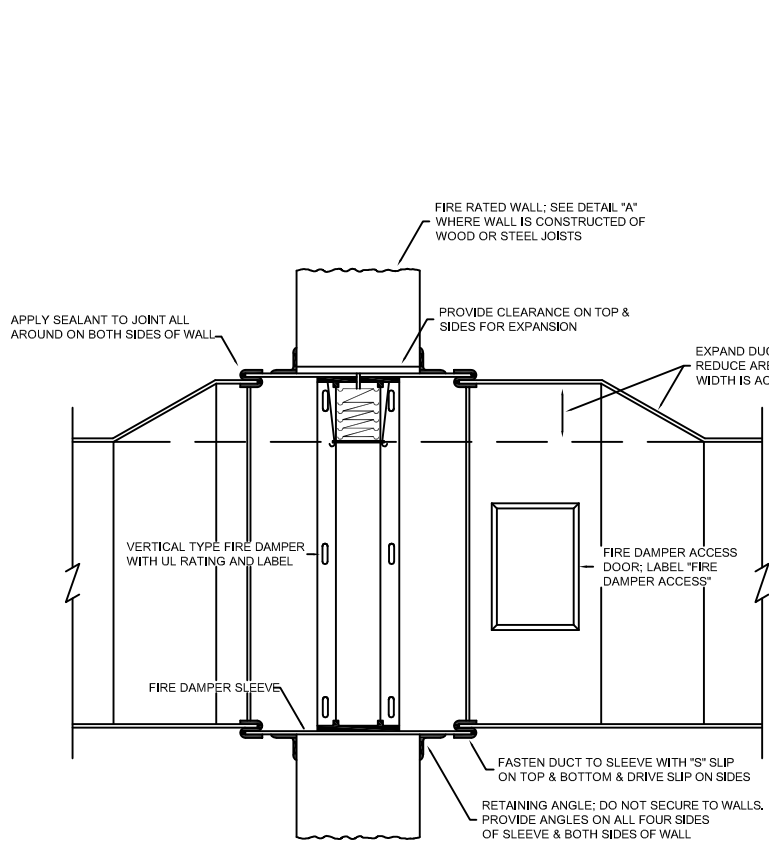
NO SCALE

0	INITIAL FOR UGA STANDARDS	05/01/2023

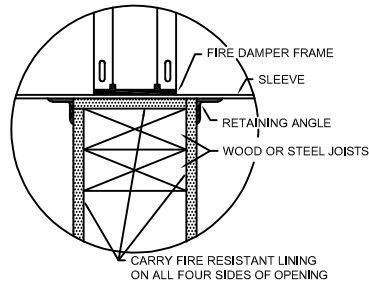


DUCT BRANCH TAKE-OFF DETAIL
NO SCALE

0	INITIAL FOR UGA STANDARDS	05/01/2023

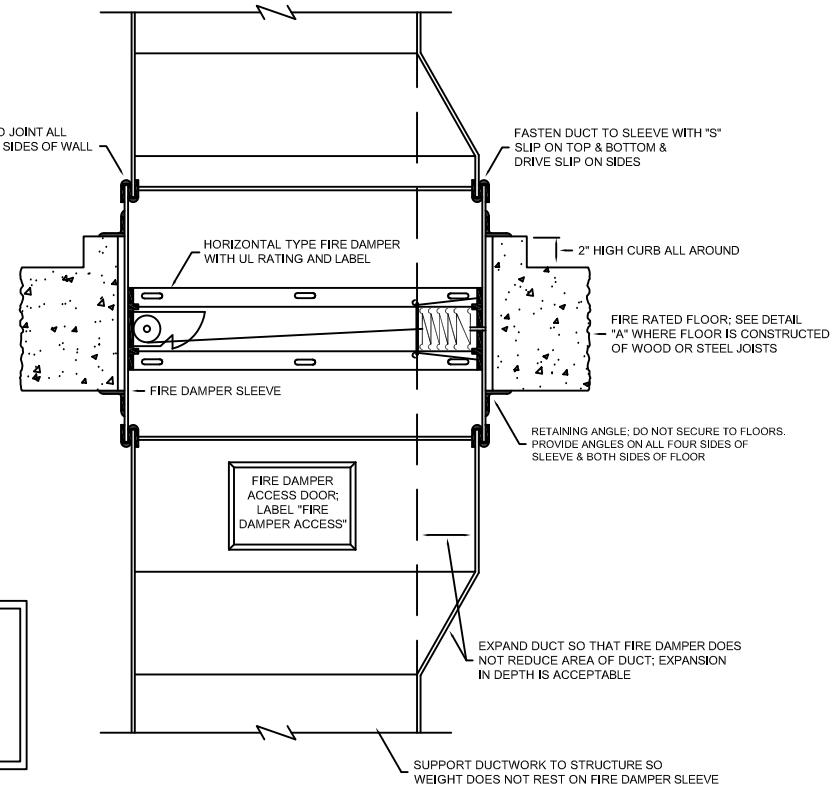


SECTION THROUGH FIRE DAMPER AT FIRE RATED WALL



DETAIL "A"

APPLY SEALANT TO JOINT ALL AROUND ON BOTH SIDES OF WALL

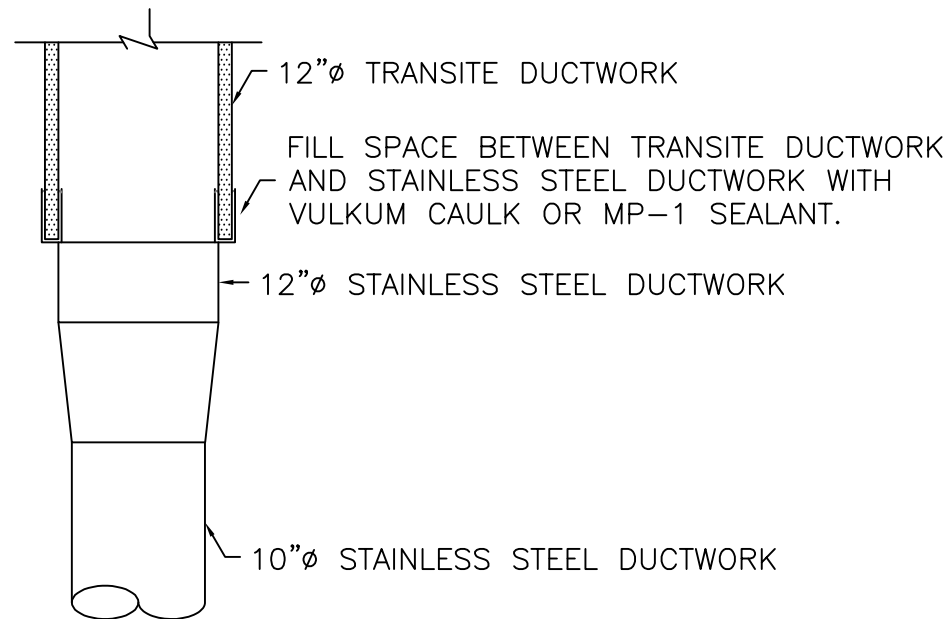


SECTION THROUGH FIRE DAMPER AT FIRE RATED FLOOR

NOTE:
INSTALL ALL FIRE DAMPERS IN ACCORDANCE WITH NFPA 90A, MANUFACTURER'S WRITTEN UL INSTALLATION INSTRUCTIONS, AND ANY APPLICABLE LOCAL CODES. FIRE DAMPERS SHALL BE SEALED AGAINST AIR LEAKAGE; PROVIDE SEALING IN SUCH A MANNER THAT DOES NOT ADVERSELY AFFECT THE UL LISTING AND CERTIFICATION OF THE FIRE DAMPER. THE METHOD OF SEALING THE FIRE DAMPERS AND THE SEALANT USED SHALL BE APPROVED BY THE MANUFACTURER OF THE FIRE DAMPERS AND THE SEALANT.

FIRE DAMPER INSTALLATION DETAIL
SCALE: NONE

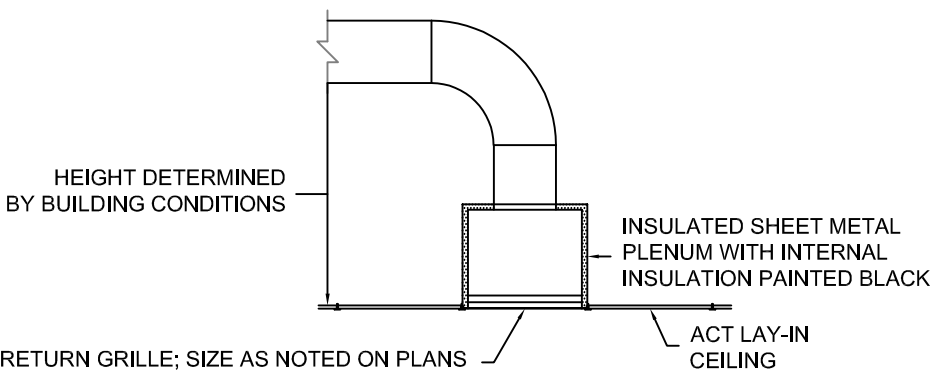
0	INITIAL FOR UGA STANDARDS	05/01/2023



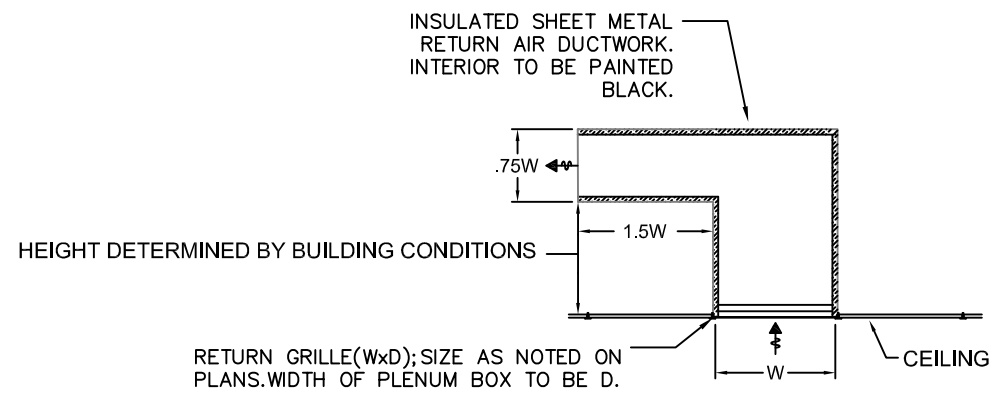
DETAIL OF CONNECTION OF TRANSITE DUCTWORK AND STAINLESS STEEL DUCTWORK

SCALE: NONE

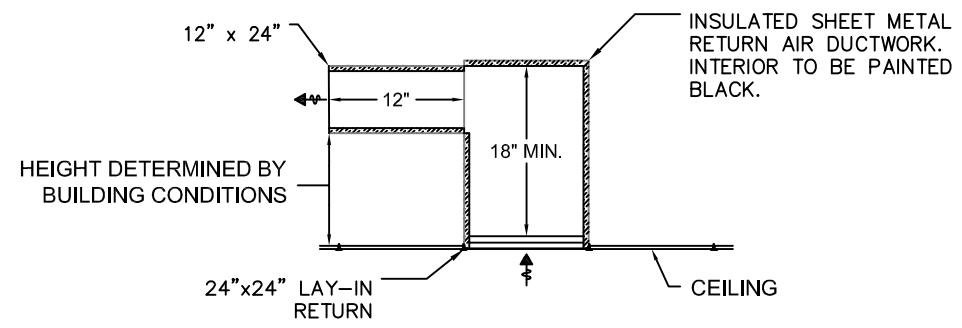
0	INITIAL FOR UGA STANDARDS	05/01/2023



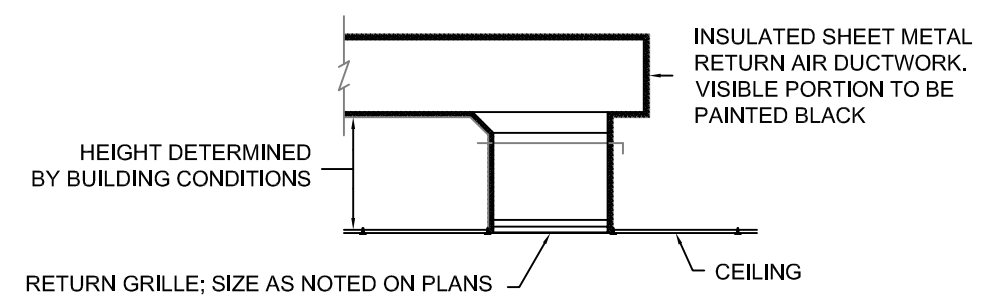
① DUCTED RETURN DETAIL
SCALE: NONE



② PLENUM RETURN DETAIL
SCALE: NONE



③ PLENUM RETURN DETAIL
SCALE: NONE



④ RETURN GRILLE CONNECTION DETAIL
SCALE: NONE

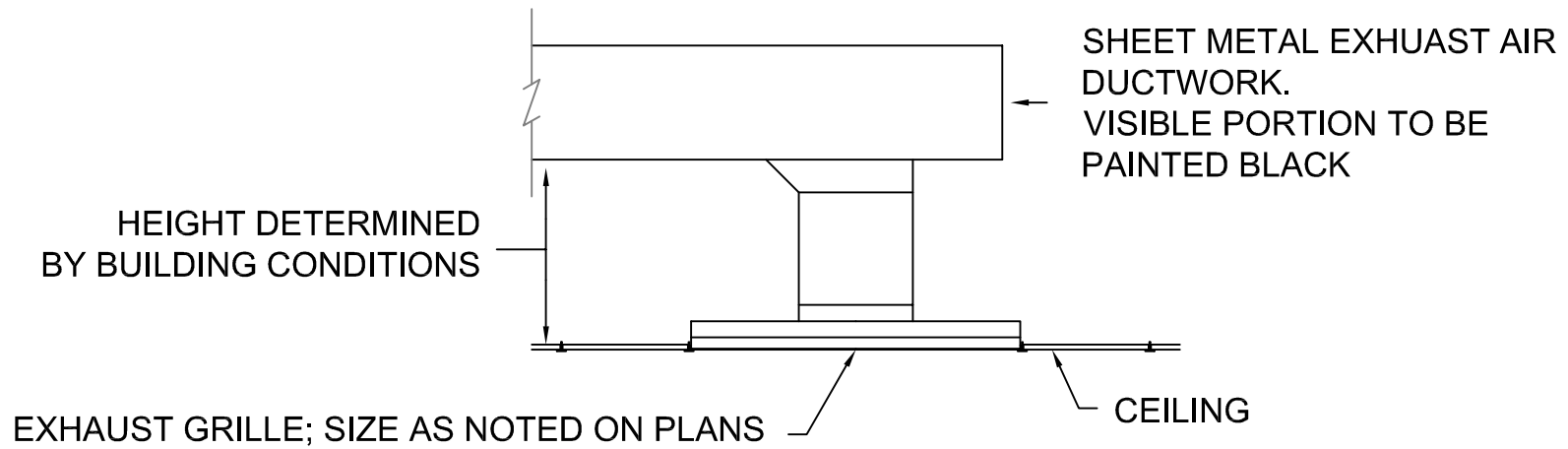
0	INITIAL FOR UGA STANDARDS	05/01/2023



The University of Georgia
Engineering Department Facilities Management Division

RETURN GRILLE DETAILS

23 31 13-F



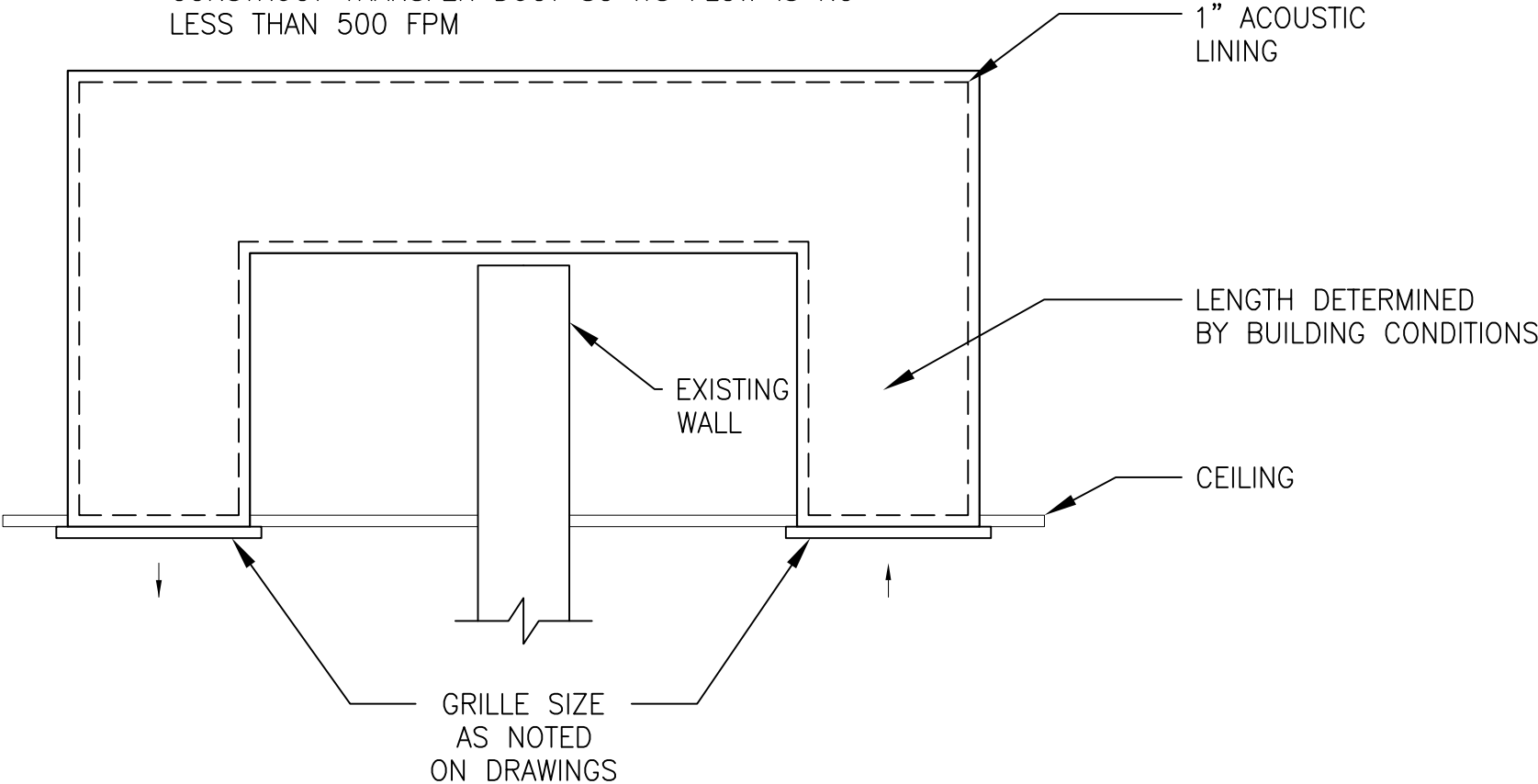
EXHAUST GRILLE CONNECTION DETAIL

SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023

NOTE:

CONSTRUCT TRANSFER DUCT SO ITS FLOW IS NO
LESS THAN 500 FPM



TRANSFER DUCT DETAIL
NOT TO SCALE

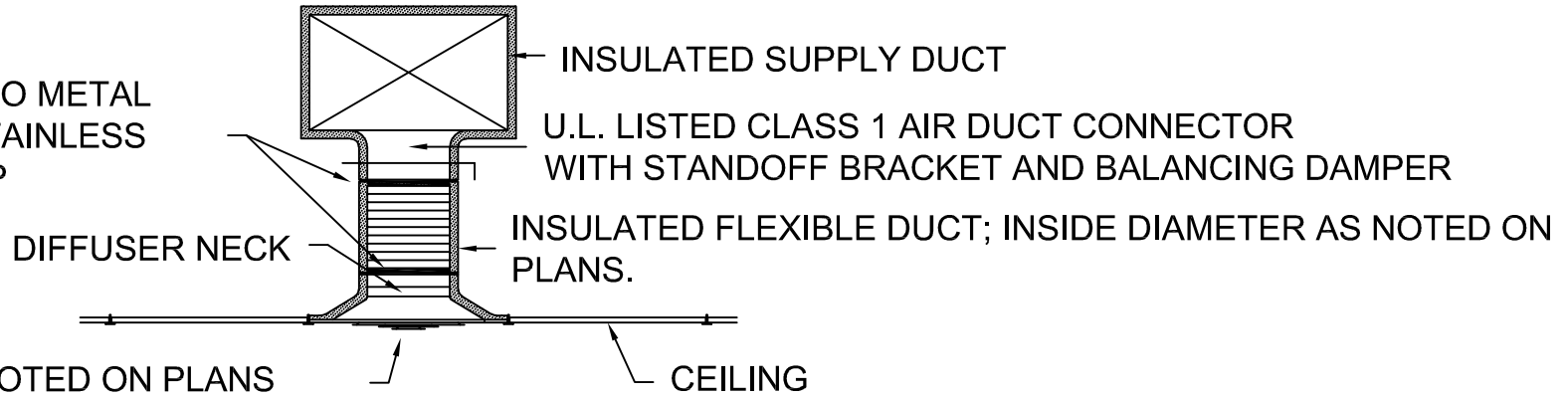
0	INITIAL FOR UGA STANDARDS	05/01/2023



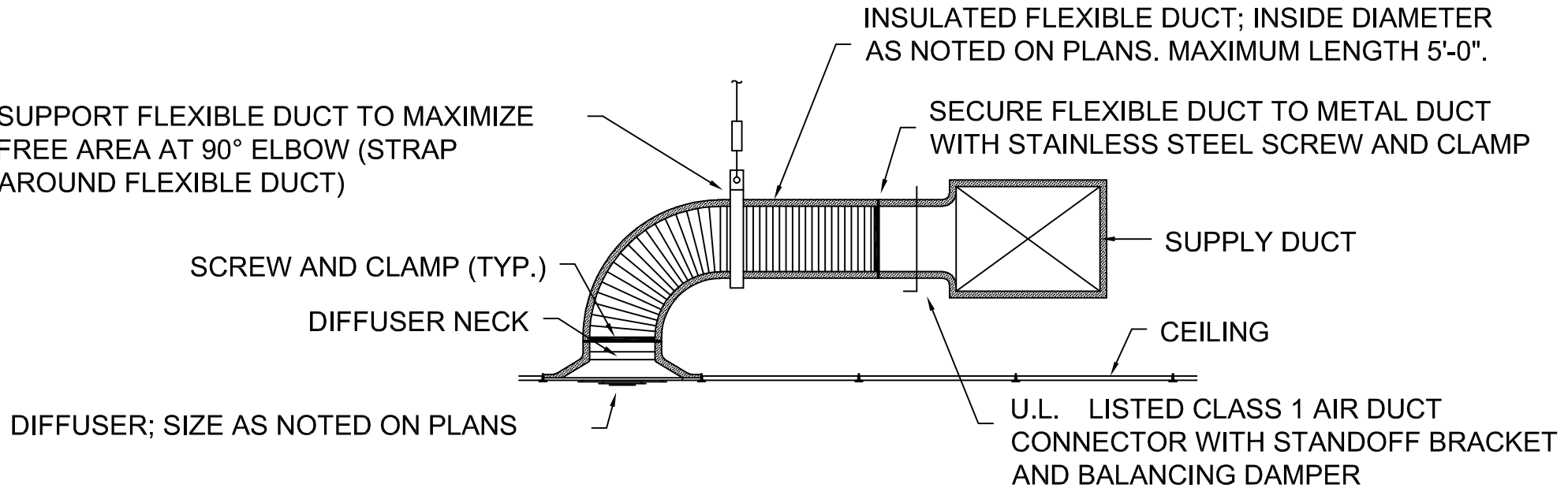
The University of Georgia
Engineering Department Facilities Management Division

TRANSFER DUCT
23 31 13-H

SECURE FLEXIBLE DUCT TO METAL DUCT & DIFFUSER WITH STAINLESS STEEL SCREW AND CLAMP



SUPPORT FLEXIBLE DUCT TO MAXIMIZE FREE AREA AT 90° ELBOW (STRAP AROUND FLEXIBLE DUCT)



DIFFUSER CONNECTION DETAIL

SCALE: NONE

0	INITIAL FOR UGA STANDARDS	05/01/2023