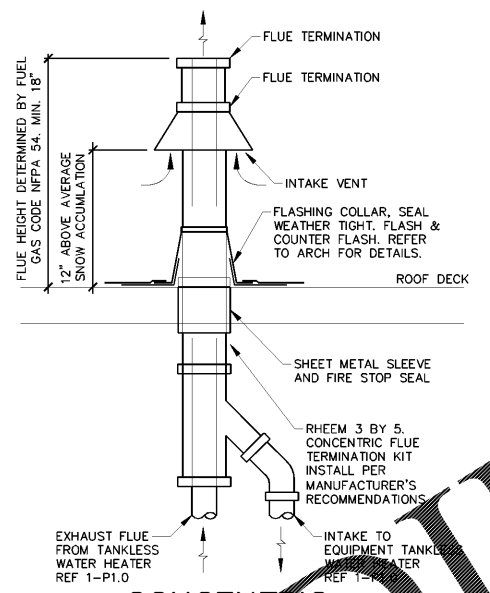


**1 MECHANICAL HVAC PLAN**  
1/4" = 1'-0"

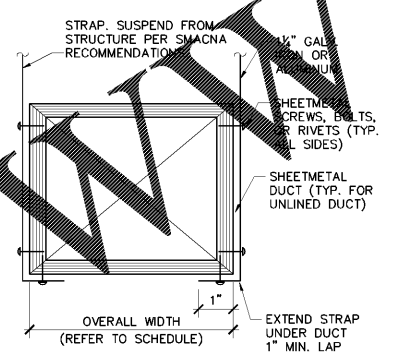
OUTDOOR COOLER CONDENSING UNIT. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSTALL 10 FEET FROM ANY OUTDOOR AIR INTAKE OR BUILDING OPENING. CONTRACTOR SHALL FIELD VERIFY LOCATION AND CONDITIONS. TYP. PROVIDE LOCKING-TYPE TAMPER-RESISTANT CAPS ON REFRIGERANT CIRCUIT ACCESS PORTS PER SECTION 1101.10 OF 2012 INTERNATIONAL MECHANICAL CODE. PROVIDE NEW DURA-BLOCK EQUIPMENT SUPPORT & REUSE EXISTING CONDENSER LINE PENETRATIONS.

**\*VERIFY LOCATION OF MAU; COORDINATE WITH STRUCTURAL!!!\***

**DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL FIELD VERIFY EXACT EXISTING CONDITIONS.**



**5 CONCENTRIC VENT INTAKE/FLUE**  
NTS

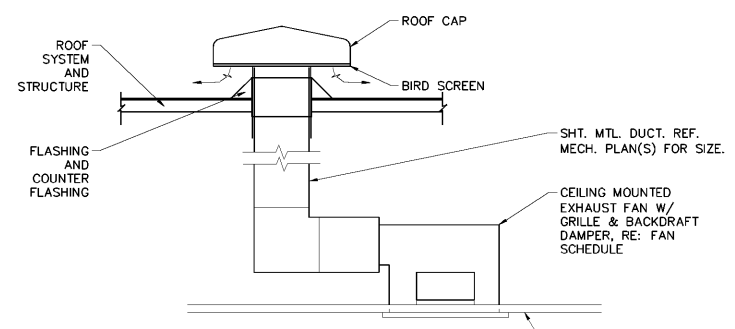


**DUCT SUPPORT SCHEDULE**

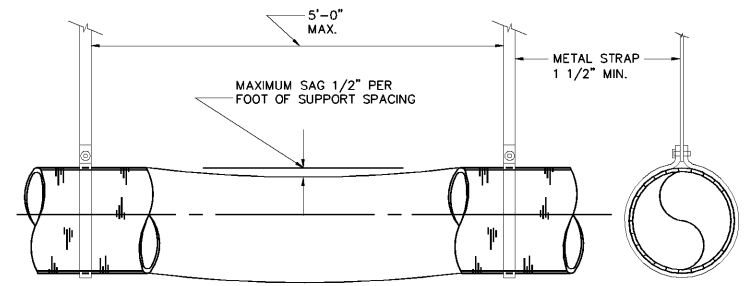
OVERALL WIDTH (IN)	HANGER GAUGE	HANGER SPACING
UP THRU 60	22	8'-0"

NOTE: 1. ONLY EXTERIOR DUCT INSULATION IS PERMITTED.

**3 DUCT SUPPORT DETAIL**  
NTS

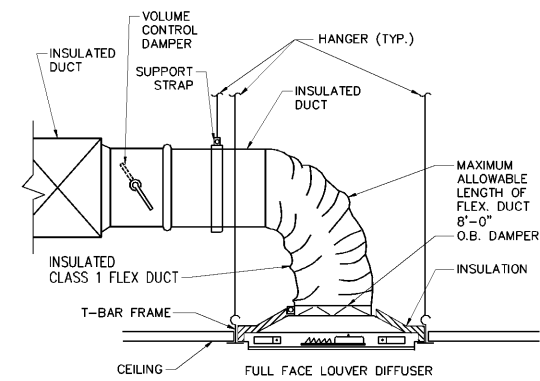


**4 CEILING MOUNTED EXHAUST FAN DETAIL**  
NTS



NOTES:  
1. DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.  
2. SUPPORT SYSTEM MUST NOT DAMAGE DUCT OR CAUSE OUT-OF-ROUND SHAPE.  
3. ONLY EXTERIOR DUCT INSULATION IS PERMITTED.

**2 BRANCH TAKE-OFF SUPPLY**  
NTS



NOTES:  
1. USE IN VERTICAL ARRANGEMENT WHERE POSSIBLE. IF BENDING IS NECESSARY, SUPPORT FLEX DUCT TO MAXIMIZE BEND RADIUS AND TURN NO MORE THAN A TOTAL OF 90 DEGREES.  
2. PROVIDE AIRTIGHT CONNECTIONS TO RIGID ROUND DUCT AND AIR DEVICE.  
3. USE FLEXIBLE DUCT ONLY IN AREAS WITH ACCESSIBLE LAY-IN CEILINGS.  
4. ONLY EXTERIOR DUCT INSULATION IS PERMITTED.

**KEYNOTES**

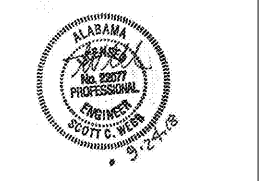
1. LOCATE THERMOSTAT AND SENSOR AS SHOWN ON PLANS @ 48" AFF.
2. AT EVERY TAKE-OFF OR TAP THAT SERVES A DIFFUSER, WHETHER SUPPLY OR RETURN, SHALL BE FURNISHED WITH A VOLUME DAMPER UNLESS IT IS SHOWN IN A DIFFERENT LOCATION ON THE PLAN. THE DAMPER TO BE INTEGRAL TO THE TAP (OR STARTING COLLAR). PROVIDE A 2" STAND-OFF TO PROVIDE ACCESS TO THE DAMPER HANDLE ON DUCTS WITH EXTERNAL INSULATION.
3. OFFSET WATER HEATER FLUE TERMINATION POINT THRU ROOF AS REQUIRED. 10' MINIMUM CLEARANCE FROM ANY OUTSIDE AIR INTAKE OR BUILDING ENTRANCES. REF 5-M2.0.
4. 8" RESTROOM EXHAUST DUCT PENETRATION THROUGH ROOF WITH MUST ROOM CAP TERMINATION. FIELD VERIFY TERMINATION POINTS. 10' MINIMUM CLEARANCE FROM ANY OUTSIDE AIR INTAKE. REF 4-M2.0.
5. GENERAL CONTRACTOR TO CONFIRM EQUIPMENT LOCATIONS WITH OWNER AND PROVIDE ANY REQUIRED PERMITS. UNITS ARE TO BE INSTALLED LEVEL REGARDLESS OF SLOPE.
6. USE \_\_\_\_\_
7. TRANSITION FROM FULL SIZE RETURN AIR PLENUM TO RGS AS REQUIRED, TYPICAL.
8. SEAL FLEX TO METAL DUCT WITH MASTIC OR TAPE ALONG WITH BAND, TYPICAL
9. REUSE EXISTING RESTROOM SUPPLY GRILLES. REBALANCE TO 50 CFM EACH. CLEAN & REPAIR AS NEEDED.

PROJECT COORDINATOR/DESIGN CONSULTANT

3871 IRVING BLVD.  
DUNWOODY, TEXAS 75117  
TEL: 214-659-8800

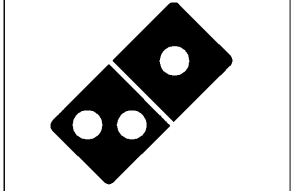
ARCHITECT/ENGINEER

MPW ENGINEERING, LLC  
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CLIENT PROJECT # 5879  
ARCHITECTURAL PROJECT NO.: 385-071  
DRAWN BY: RLI  
CHECKED BY: MIM

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**Domino's**

DOMINO'S PIZZA  
#5879  
3871 AIRPORT BLVD.  
MOBILE, AL 36608

NO.	REVISIONS	DATE

PLANNING REVIEW ISSUE DATE: N/A  
CLIENT REVIEW ISSUE DATE: 09/13/2018  
LANDLORD REVIEW ISSUE DATE: 09/13/2018  
BID ISSUE DATE: 09/24/2018  
HEALTH DEPT. REVIEW ISSUE DATE: 09/24/2018  
BUILDING REVIEW ISSUE DATE: 09/24/2018  
CONSTRUCTION ISSUE DATE: 09/24/2018

DRAWING TITLE:  
**MECHANICAL HVAC PLAN & DETAILS**

DRAWING NUMBER:  
**M2.0**

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