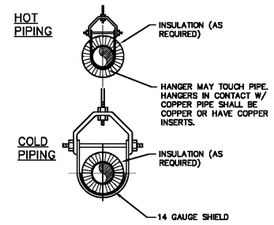
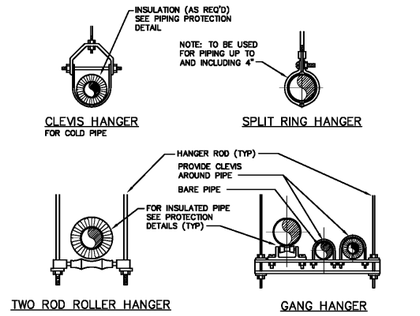
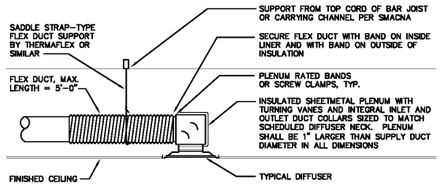


NOTES:
1. VAPOR BARRIER TO BE CONTINUOUS AT ALL JOINTS.
2. DETAIL SIMILAR FOR PIPES SUPPORTED FROM WALLS.

INSULATED PIPING PROTECTION DETAILS
NO SCALE

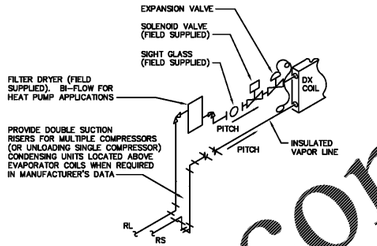


PIPING SUPPORT DETAILS
NO SCALE

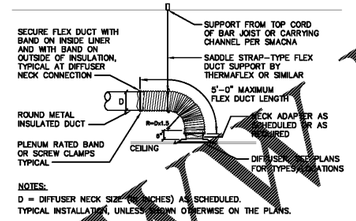


NOTE: INSTALLATION APPLIES ONLY WHERE INDICATED ON THE PLANS, OR AS REQUIRED BY LOW CLEARANCE CONDITIONS.

TYPICAL LOW CLEARANCE DIFFUSER CONNECTION DETAIL
NO SCALE

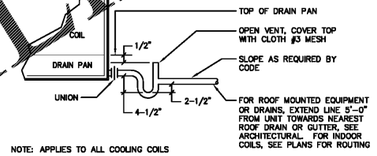


DX COIL CONNECTION DETAIL
NO SCALE



NOTES:
D = DIFFUSER NECK SIZE (IN INCHES) AS SCHEDULED.
TYPICAL INSTALLATION, UNLESS SHOWN OTHERWISE ON THE PLANS.

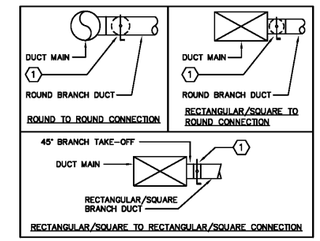
TYPICAL DIFFUSER CONNECTION DETAIL
NO SCALE



NOTE: APPLIES TO ALL COOLING COILS

CONDENSATE DRAIN TRAP DETAIL
NO SCALE

FOR PAD MOUNTED UNITS, DRAIN SHALL BE A MINIMUM OF 6" ABOVE CONCRETE PAD.

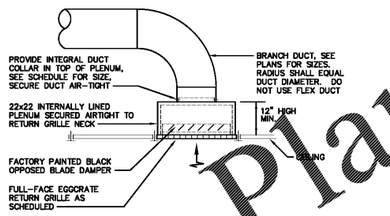


1 FOR ACCESSIBLE CEILINGS (LAY-IN OR ACCESS DOOR PROVIDED): PROVIDE MANUAL DAMPER WITH LOCKING QUADRANT WITH 2" STAND-OFF BRACKET. PROVIDE NO AIR SCOOPS, AND MIN. 25 GAUGE CONSTRUCTION.

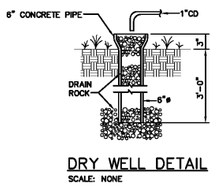
FOR INACCESSIBLE CEILINGS (GYPBOARD): PROVIDE YOUNG REGULATOR 5020-CC ROUND VOLUME CONTROL DAMPER (830A-CC FOR RECTANGULAR) WITH 270-896C BOWDEN CABLE CONTROL KIT. FOR DAMPERS ASSOCIATED WITH LINEAR SLOT DIFFUSERS, SEE DETAIL THIS SHEET. GROUP REGULATORS ONLY ABOVE LAY-IN CEILINGS. DO NOT INSTALL IN GYP CEILING UNLESS SPECIFICALLY DIRECTED SO BY THE ARCHITECT.

DETAIL APPLIES TO SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR SYSTEMS, AS APPLICABLE.

BRANCH DUCT CONNECTION DETAIL
NO SCALE



TYPICAL DUCTED RETURN CONNECTION DETAIL
NO SCALE



DRY WELL DETAIL
SCALE: NONE

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GEORGIA REGISTERED PROFESSIONAL ENGINEER JOHN E. MAYER
08/30/2019

BAA MECHANICAL ENGINEERS INC
300 Bishop Street Suite F-3 Atlanta, GA 30318 tel: 404.333.1500

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MARIETTA CITY SCHOOLS

HVAC DETAILS

DATE 08/30/2019
PROJECT NO. 18122

M0.2