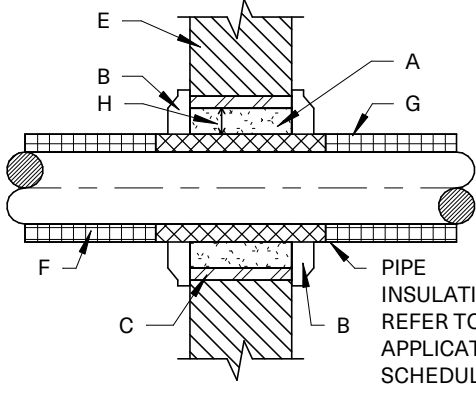




GENERAL NOTES:

1. EACH ACCEPTABLE MATERIAL IS INDICATED WITH AN "X". IF MORE THAN ONE IS SELECTED, THE CONTRACTOR HAS THE OPTION TO CHOOSE BETWEEN SELECTED MATERIALS.
2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. EQUIPMENT CONNECTIONS SHALL BE EITHER GROOVED OR FLANGED OR USE UNIONS.
4. EQUIPMENT DRAINS, RELIEF VALVES, AND VENTS SHALL BE THE SAME MATERIAL AS PIPING SYSTEM.
5. DISSIMILAR METAL PIPING JOINTS SHALL USE DIELECTRIC FITTINGS COMPATIBLE WITH BOTH MATERIALS.
6. ALL INSULATING MATERIALS, THICKNESS, AND THERMAL RESISTANCE SHALL COMPLY WITH THE INTERNATIONAL ENERGY CONSERVATION CODE 2015 OR ASHRAE STANDARD 90.1-2013.
7. INSULATION IS REQUIRED FOR ALL VALVES, CONTROL VALVE BODIES, AND BALANCE VALVES ASSOCIATED WITH PIPING.
8. INSULATION IS NOT REQUIRED FOR PIPING CONVEYING FLUIDS OPERATING BETWEEN 60°F AND 105°F AND DIRECT BURIED PIPING CONVEYING FLUIDS AT OR BELOW 60°F.
9. PIPE HANGER SPACING IS BASED ON WORST CASE ALLOWED MATERIAL. HANGER SPACING FOR SELECTED MATERIAL SHALL COMPLY WITH CURRENT PLUMBING AND MECHANICAL CODE OR APPROVED BY AHI.

GENERAL NOTES:

1. JOINT CONSTRUCTION SHALL COMPLY WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE AND NAIMA FIBROUS GLASS DUCT CONSTRUCTION STANDARDS.
2. "X" NOTES ALLOWED JOINT CONSTRUCTION AND SUPPORT TYPE.
3. HANGERS AND SUPPORTS SHALL COMPLY WITH CHAPTER 5 SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE AND LOCAL CODE AUTHORITY HAVING JURISDICTION.
4. REFER TO SMACNA FOR JOINT GAUGE, BRACING, TRANSVERSE REINFORCEMENT, AND JOINT REINFORCEMENT REQUIREMENTS.
5. ROUND METALLIC DUCTS SHALL BE MECHANICALLY FASTENED WITH A MINIMUM OF THREE (3) SHEET METAL SCREWS OR RIVETS EQUALLY SPACED.