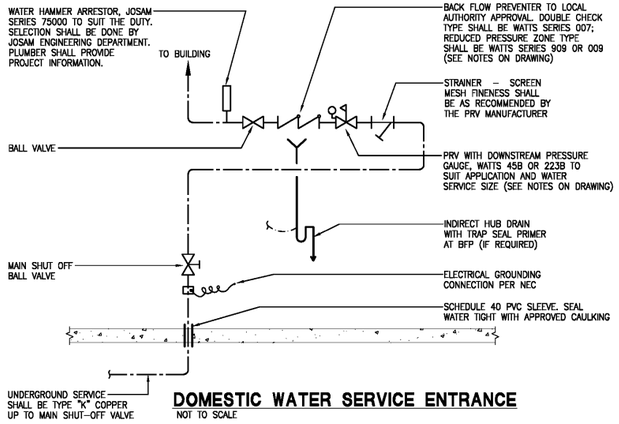
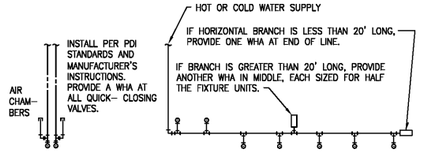


DOMESTIC WATER SERVICE ENTRANCE
NOT TO SCALE



SINGLE/DOUBLE FIXTURE

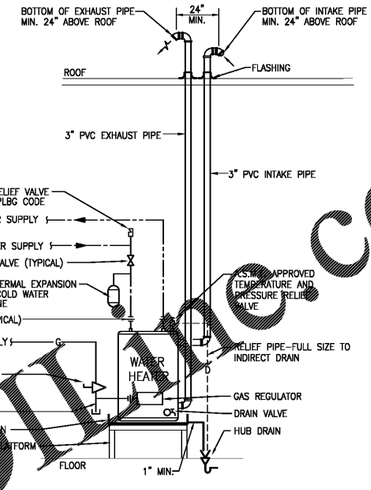
PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

MULTIPLE FIXTURES

FIXTURE UNIT TABULATION		
FIXTURE	COLD	HOT
VALVE WATER CLOSET	10	---
TANK WATER CLOSET	5	---
URINAL	5	---
LAVATORY/SINK	1.5	1.5
JANITOR'S SINK	3	3
SHOWER/BATHTUB	2	2

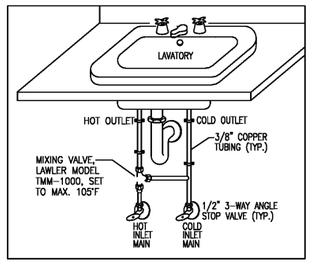
FOR BATTERIES OF FIXTURES, PROVIDE WATER HAMMER ARRESTERS BY SIOUX CHIEF, PRECISION PLUMBING PRODUCTS, WATTS OR APPROVED EQUIVALENT WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI # WH- 201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

WATER HAMMER ARRESTORS
NOT TO SCALE

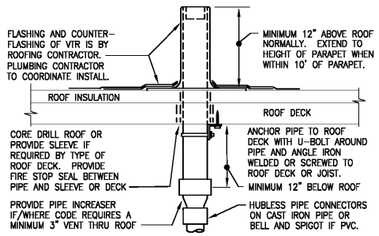


NOTE:
PROVIDE HEAT TRAPS ON VERTICAL INLET AND OUTLET ON WATER HEATER WITH VERTICAL PIPE RISES. HEAT TRAPS MAY BE OMITTED IF WATER HEATER PROVIDED HAS INTEGRAL HEAT TRAP OR IS PART OF CIRCULATING SYSTEM.

DIRECT VENT GAS FIRED WATER HEATER PIPING DETAIL
NO SCALE

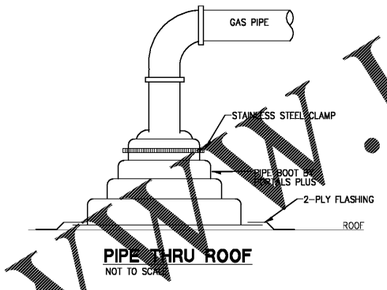


UNDER-THE-COUNTER MIXING VALVE DETAIL
NOT TO SCALE

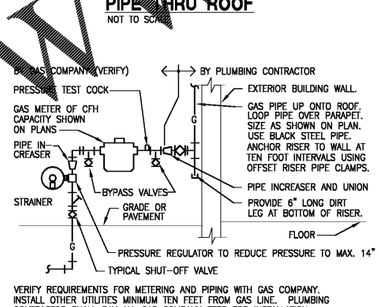


REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, OR TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, OR ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VTR MINIMUM 18" FROM PARAPET, EXPANSION JOINT, EQUIPMENT CURB, ETC. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

VENT THRU ROOF (VTR)
NOT TO SCALE

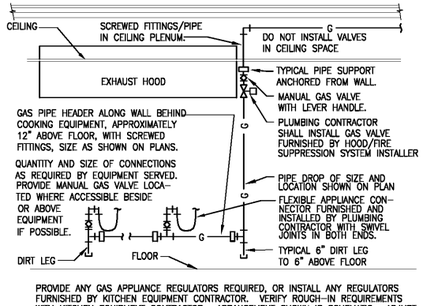


PIPE THRU ROOF
NOT TO SCALE



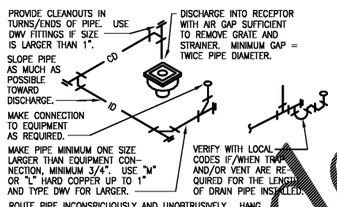
VERIFY REQUIREMENTS FOR METERING AND PIPING WITH GAS COMPANY. INSTALL OTHER UTILITIES MINIMUM TEN FEET FROM GAS LINE. PLUMBING CONTRACTOR SHALL PAY ALL GAS COMPANY FEES FOR INSTALLATION. USE WELDED OR SCREWED PIPE AND FITTINGS PER PLUMBING SPECS. GAS COMPANY SHALL EXCAVATE, BACKFILL, AND REPAIR ANY PAVING OR SOD FOR GAS SERVICE LINE INSTALLATION FROM MAIN TO BUILDING.

GAS SERVICE:
NOT TO SCALE

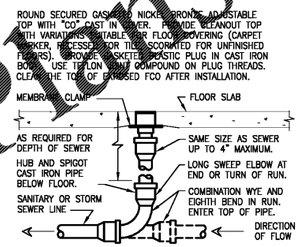


PROVIDE ANY GAS APPLIANCE REGULATORS REQUIRED, OR INSTALL ANY REGULATORS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR. VERIFY ROUGH-IN REQUIREMENTS WITH KITCHEN EQUIPMENT CONTRACTOR. ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. ATTACH RISER AND HEADER TO WALL WITH 1" CLEARANCE BEHIND PIPE. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS AND JOINTS IN ANY CONCEALED UNVENTILATED LOCATION.

COOKING APPLIANCE GAS PIPE:
NOT TO SCALE

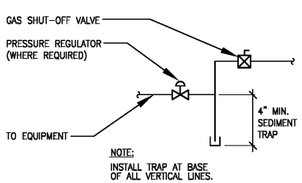


INDIRECT DRAIN DETAIL:
NOT TO SCALE



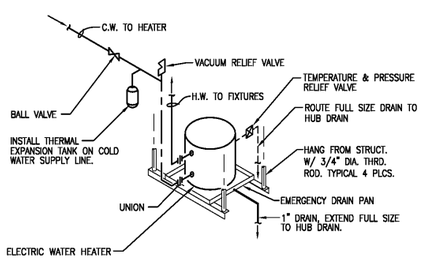
LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.

FLOOR CLEAN OUT:
NOT TO SCALE



NOTE:
INSTALL TRAP AT BASE OF ALL VERTICAL LINES.

GAS CONNECTION DETAIL
NOT TO SCALE



WATER HEATER PIPING DETAIL:
NOT TO SCALE

Order Plans @ WWW.LDLine.com

R-2002

DATE	RELEASE
04.17.20	FOR CONSTRUCTION
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CHECKED BY:
DRAWN BY:

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ALABAMA No. 37256-E PROFESSIONAL ENGINEER RYAN MERCER
4/22/2020

J.E. BRISCOE WAY & MADISON BLVD. MADISON, MADISON COUNTY ALABAMA
PROJECT: R-2002
DATE: 04/17/20

Bojangles' RESTAURANT

PLUMBING DETAILS

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