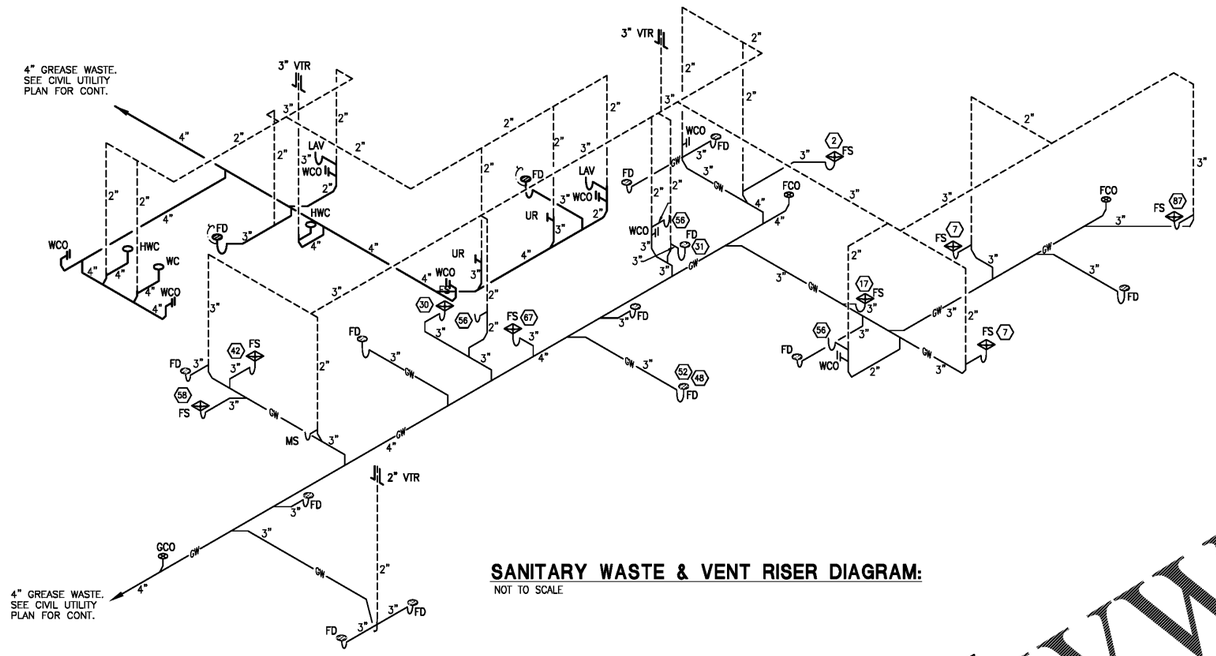
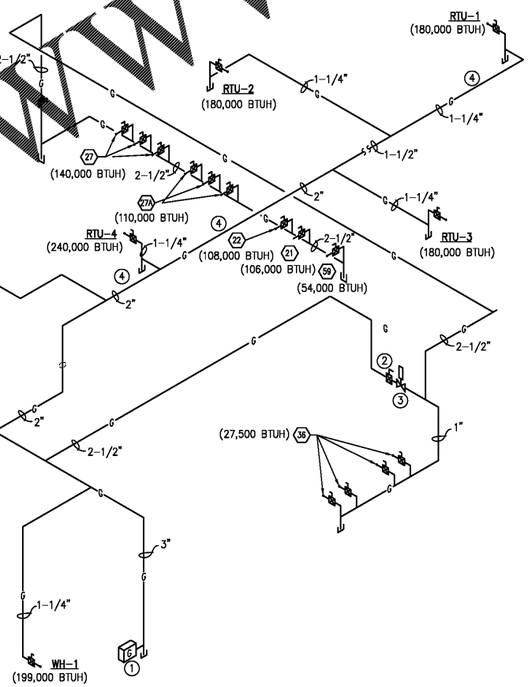


SANITARY WASTE & VENT RISER DIAGRAM:

NOT TO SCALE



GAS RISER DIAGRAM

NOT TO SCALE

GAS LOAD SCHEDULE

TAG	EQUIPMENT	BTUH INPUT
21	FOUR BURNER RANGE	106,000
22	GRIDDLE	108,000
27	FRYER	140,000
27	FRYER	140,000
27	FRYER	140,000
27A	FRYER	110,000
27A	FRYER	110,000
27A	FRYER	110,000
36	CONVECTION OVEN	27,500
36	CONVECTION OVEN	27,500
36	CONVECTION OVEN	27,500
36	CONVECTION OVEN	27,500
59	EGG GRIDDLE	54,000
WH-1	WATER HEATER	199,000
RTU-1	ROOF TOP UNIT	180,000
RTU-2	ROOF TOP UNIT	180,000
RTU-3	ROOF TOP UNIT	180,000
RTU-4	ROOF TOP UNIT	240,000
RTU-5	ROOF TOP UNIT	65,000
TOTAL USAGE		2,172,000
APPROX. DISTANCE FROM REGULATOR TO FARTHEST TAKE OFF 150' (VERIFY ON SITE)		
GAS TYPE:		NATURAL GAS
DILIVERY PRESSURE		7" W.C.

GAS LINE SIZING NOTES:

1. GAS LINES HAVE BEEN SIZED PER TABLE 402.4(2) OF THE INTERNATIONAL GAS CODE -- FUEL GAS FOR PRESSURES LESS THAN 2 PSI, A PRESSURE DROP OF 0.5" WATER COLUMN AND 0.6 SPECIFIC GRAVITY.

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R-2002

DATE	RELEASE
04.17.20	FOR CONSTRUCTION
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CHECKED BY:
DRAWN BY:

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

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

Bojangles' RESTAURANT

WASTE, VENT & GAS RISERS

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