

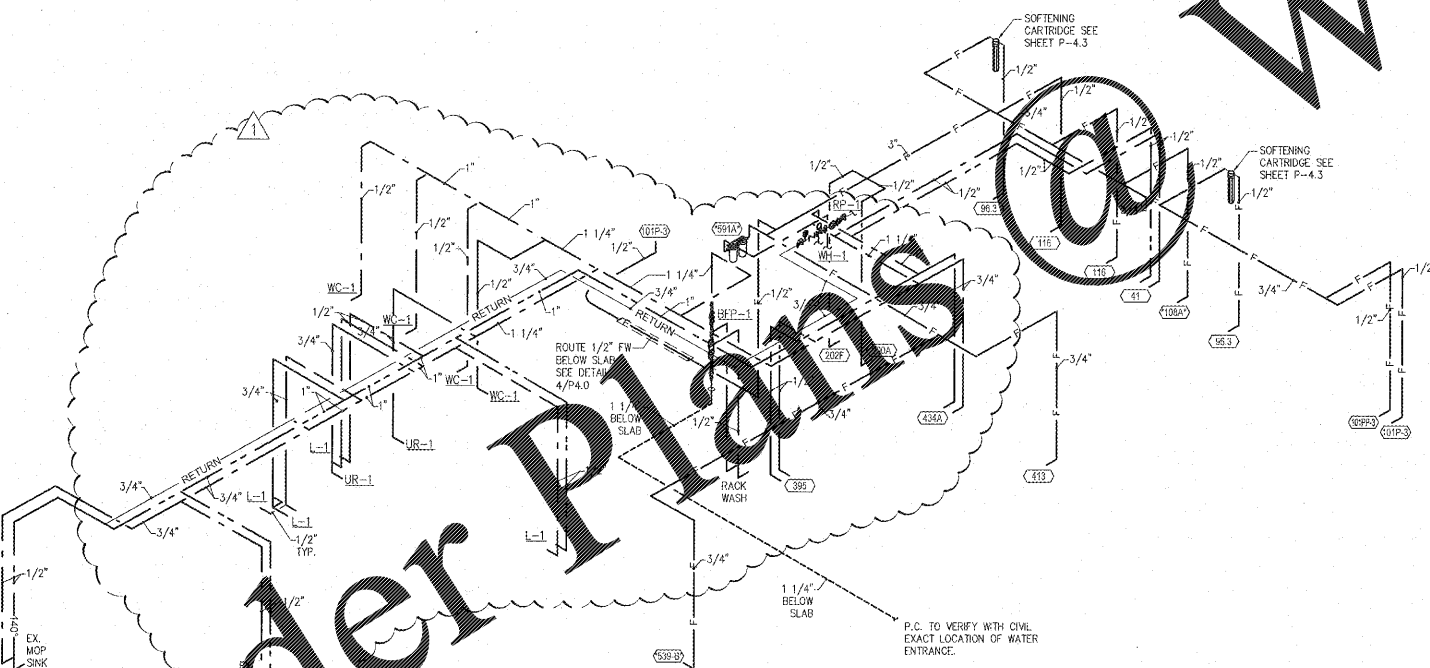
- COMMENTS:
- IF FLOOR SLAB IS EXISTING, SAW CUT FLOOR, EXCAVATE AS REQUIRED. INSTALL PIPING, REPAIR VAPOR BARRIER AND PATCH FLOOR AS REQUIRED.
  - PIPING TO HAVE LONG RADIUS TURNS WITH NO KINKS IN THE LINE.
  - THERE SHALL BE NO CONTACT OF COPPER PIPE WITH ANY OTHER PIPE, CONDUIT, OR REINFORCING STEEL.
  - SEPARATE HOT AND COLD WATER LINES BY 12" MINIMUM.

**4 WATER PIPE UNDER SLAB**

N.T.S.

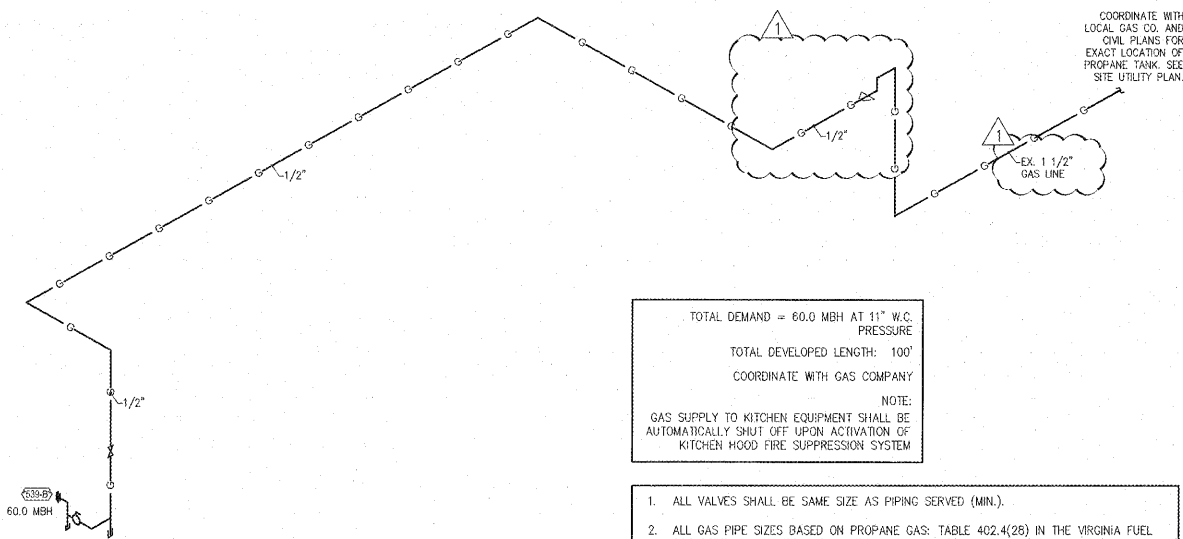
**1 SANITARY ISOMETRIC DIAGRAM**

NONE



**2 WATER ISOMETRIC DIAGRAM**

NONE



**3 GAS ISOMETRIC DIAGRAM**

NONE

TOTAL DEMAND = 60.0 MBH AT 11" W.C. PRESSURE  
 TOTAL DEVELOPED LENGTH: 100'  
 COORDINATE WITH GAS COMPANY

NOTE:  
 GAS SUPPLY TO KITCHEN EQUIPMENT SHALL BE AUTOMATICALLY SHUT OFF UPON ACTIVATION OF KITCHEN HOOD FIRE SUPPRESSION SYSTEM

- ALL VALVES SHALL BE SAME SIZE AS PIPING SERVED (MIN).
- ALL GAS PIPE SIZES BASED ON PROPANE GAS: TABLE 402.4(26) IN THE VIRGINIA FUEL GAS CODE 11.0 IN. W.C. 0.5 IN. W.C. PRESSURE DROP 1.50 SPECIFIC GRAVITY. P.C. SHALL VERIFY THAT GAS SYSTEM PRESSURE DOES NOT EXCEED ALLOWABLE LIMITS OF GAS UTILIZATION EQUIPMENT.
- ALL GAS PIPE SIZES BASED ON PROPANE GAS: 11.0 IN.
- P.C. SHALL INSTALL FLEXIBLE GAS HOSE WITH QUICK DISCONNECTS (PROVIDED BY FEC) BETWEEN GAS PIPING AND APPLIANCES. FLEXIBLE HOSE SHALL BE SAME SIZE AS BRANCH PIPE.
- CONTRACTOR SHALL RUN FULL 1/2" DIAMETER PIPE FROM GAS REGULATOR. ANY REDUCTION IN SIZE WILL NOT BE ACCEPTABLE.
- SEE SPECIFICATION SHEET FOR GAS PIPING INSTALLATION AND MATERIAL SPECIFICATIONS.

THESE PLANS ARE CONFIDENTIAL PROPERTY OF DUNKIN' BRANDS, INC. UNDER RESTRICTED ACCESS.

**dunkin'**  
brands<sup>sm</sup>

PROJECT NO: 17229

**NRD** national restaurant architects & engineers  
 3005 Carrington Mill Blvd., Morrisville, NC 27560  
 ph: 919 544 7251 fax: 919 544 9399  
 A Division of LMHT Associates

REGISTERED PROFESSIONAL ENGINEER  
 STATE OF VIRGINIA  
 RES. NO. 1000000000  
 EXPIRES 12/31/13

NO	DESCRIPTION	DATE	DATE
1	OWNER COMMENTS (RESTROOM CHANGE)	5/2/18	3-18-18

DATE	SCALE	DRAWN	CKD	APPD

SET REVISIONS	SHEET REVISIONS

DD FRESH BREW 1.0  
 908 MARKET DRIVE, EMPORIA, VA

**PLUMBING  
 RISERS AND DETAILS**

PC# 358084

**P-4.0**