CONSTRUCTION MANAGEMENT SERVICES
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THE FOLLOWING ITEMS ARE CONDITIONS FOR PERMIT ISSUANCE
STRICT COMPLIANCE IS MANDATORY:

INSTALL GAS FIREPLACE:

1. Gas lines shall be properly tested and witnessed by the building inspector.
   •Equipment that is not to be included in the test shall be either disconnected from the piping or isolated by blanks, blind flanges, or caps. Flanged joints at which blinds are inserted to blank off other equipment during the test shall not be required to be tested. IFGC 406.3.2
   •Where the piping system is connected to equipment or components designed for operating pressures of less than the test pressure, such equipment or equipment components shall be isolated from the piping system by disconnecting them and capping the outlet(s). IFGC 406.3.3
   •The test pressure to be used shall be no less than one and one-half times the proposed maximum working pressure, but not less than 25 psig (172 kPa guage), irrespective of design pressure. IFGC 406.4.1
   •Test duration shall be not less than one-half hour. IFGC 406.4.2

2. All fuel lines shall be of an approved material, properly sized for appliances that are to be served and installed according to the International Mechanical Code or manufacturer's installation specifications. IFGC403 MN1346.5403

3. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. IMC304.1

4. When interior alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be provided with smoke alarms located as required for new dwellings. Exception: Work on the exterior which does not require entry into the interior for inspection. R314.3.1

5. Single and multiple station smoke alarms shall be installed:
   a. In each sleeping room
   b. Outside of each separate sleeping area in the immediate vicinity of the bedrooms.
   c. On each additional story of the dwelling, including basements but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split-levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level. R314.3

6. Carbon monoxide alarms shall be required in all single family homes and multi-family apartment units. General location requirements: within ten ft. (10') of each sleeping room. MN Stat.299F.50

Exception: When unit being installed is free-standing, smoke alarms and carbon monoxide alarms will not be required.

INSTALL FURNACE OR UNIT HEATER OR WOOD/CORN BURNER:

1. Installation of new gas lines shall be properly tested and witnessed by the building inspector to 25 psi for 1/2 hr. minimum. IFGC406 MN1346.5406

2. Distance to combustibles to be followed on manufacturer's specifications. R304.9

3. All fuel lines shall be an approved material, properly sized for appliances that are to be served and installed according to the International Mechanical Code or manufacturer's installation specifications. IFGC403 MN1346.5403

4. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. IMC304.1

5. Provide make-up combustion air if furnace is not a sealed combustion furnace. MN1346.501.4.1

INSTALL GAS PIPELINE:

1. Gas lines shall be properly tested and witnessed by the building inspector.
   •Equipment that is not to be included in the test shall be either disconnected from the piping or isolated by blanks, blind flanges, or caps. Flanged joints at which blinds are inserted to blank off other equipment during the test shall not be required to be tested. IFGC 406.3.2
   •Where the piping system is connected to equipment or components designed for operating pressures of less than the test pressure, such equipment or equipment components shall be isolated from the piping system by disconnecting them and capping the outlet(s). IFGC 406.3.3
   •The test pressure to be used shall be no less than one and one-half times the proposed maximum working pressure, but not less than 25 psig (172 kPa guage), irrespective of design pressure. IFGC 406.4.1
   •Test duration shall be not less than one-half hour. IFGC 406.4.2

2. All fuel lines shall be of an approved material, properly sized for appliances that are to be served and installed according to the International Mechanical Code or manufacturer's installation specifications. IFGC403 MN1346.5403

INSTALL WATER HEATER:

1. Installation of new gas lines shall be properly tested and witnessed by the building inspector to 25 psi for 1/2 hr. minimum. IFGC406 MN1346.5406

2. All fuel lines shall be of an approved material, properly sized for appliances that are to be served and installed according to the International Mechanical Code or manufacturer's installation specifications. IFGC403 MN1346.5403

3. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. IMC304.1
   If installing an on demand tankless or hybrid water heater, a copy of manufacturer's flow rate data and calculations to determine peak demand for installation **shall be supplied at permit application and at site at final inspection.**

4. Provide make-up combustion air if water heater is not a sealed combustion unit. IFGC304.1 MN1346.5304

5. Equipment used for heating water shall be protected by approved relief valve safety device. A discharge pipe shall be full size and run to within 18" of the floor or a safe place of disposal. IMC1006.1-1006.6 MN1346

INSTALL AIR-CONDITIONER:

1. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. IMC304.1

THE FOLLOWING CONDITIONS PERTAIN TO ALL OF THE ABOVE INSTALLATIONS:

1. Every permit issued shall become invalid unless the work authorized by the permit is commenced within 180 days after its issuance, or if the work authorized by the permit is suspended or abandoned for a period of 180 days after the time the work is commenced. MN Rules 1300.0120

2. This structure must comply with all portions of the Minnesota State Building Code whether noted on this plan or omitted. Failure to note any detail(s) on the plan does not remove the builder from the responsibility of complying with the Building Code. Plan review was done in accordance with the current Minnesota Building Code. Plan review does not waive any additional code compliance issues found on site. MN1300

Jay Kruger
Building Official

CALL CMS FOR ALL INSPECTIONS

507-282-8206