


1 OVERALL SITE PLAN  
1/4\"/>

**SITE PLAN NOTES**

1. Surface water shall be drained away from structure. Provide 1/4" per foot of slope for minimum of 4 feet from building.
2. Topographic and existing site information taken from a survey done by Harrington Surveys, 2278 Lorkey Lane, Walnut Creek, CA 94597-2908. Telephone: (925) 935-7228
3. Elevation datum is assumed, unless otherwise noted (UDN).
4. The property lines shown herein are compiled from record data and neither represent a boundary survey nor the actual location of same.
5. Contractor shall verify grades, property lines and improvement locations prior to construction.
6. No guarantee is intended that underground obstructions shown or not shown on the drawings may or may not be encountered. The locations of existing underground utilities as shown on the drawings are approximate and for informational purposes only.
7. Contractor shall locate and protect existing utilities from damage due to construction work or related conditions.
8. All on-site sewer, water and gas construction shall conform to the latest edition of the California Plumbing Code (CPC) and any and all other requirements as adopted by the local building department and all other agencies having jurisdiction.

MARK	DATE	DESCRIPTION

**Lemmon-Woodruff Architecture, Inc.**  
ARCHITECTURE, PLANNING AND DEVELOPMENT



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CONSULTANT



PROJECT FOR  
**MIKE & VALERIE MOONE**

PROJECT NAME  
**MOONE RESIDENCE PERGOLA & FIREPLACE**

PROJECT ADDRESS  
141 Canyon Court  
Napa California  
94558

SHEET TITLE  
**OVERALL SITE PLAN**

OWNER'S PROJECT NUMBER	
PROPERTY NUMBER	DEVELOPMENT NUMBER

DRAWN EP	CHECKED MSW
DATE 9/22/2008	SHEET NUMBER
SCALE AS SHOWN	<b>A1.0</b>
JOB NUMBER 08-08	SHEET - 01 -



- one envelope containing the literature package which consists of the Homeowner's manual, installation instructions and Warranty;
- three (3) bags of fire rock, envelope is located in the firebox area;
- Electrical kit containing the wall switch components, battery holder, low-voltage cover (see Field Wiring page 10).

#### INTRODUCTION

These outdoor gas fireplaces are designed for exterior applications. These appliances must be installed outdoors.

The Lennox Elite® Series Outdoor Gas Fireplaces is designed for outdoor use. They also be installed in screened porches and patios that meet these minimum requirements:

- Minimum porch area - 96 square feet
  - Minimum ceiling height - 7 feet 8 inches
  - A minimum of two (2) walls can be screened but must be open to outside ventilation
  - Minimum screen area - 64 square feet
  - Minimum screen top height - 6 feet 8 inches
- Refer to Clearance Specifications on Page 6.

#### TYPICAL INSTALLATION

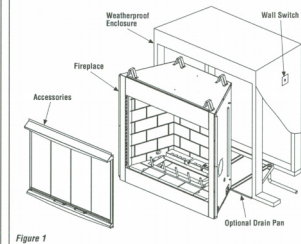


Figure 1

#### INTERMITTENT ELECTRIC WIRING DIAGRAM

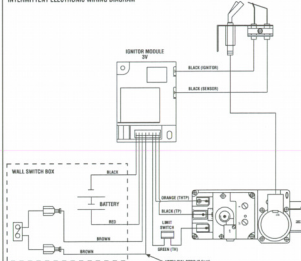


Figure 10

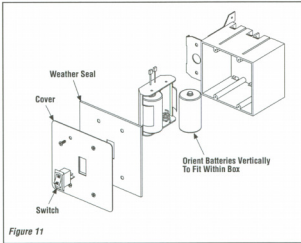


Figure 11

Electronic appliances are designed to operate on natural gas or propane. An electronic intermittent pilot ignition system provides safe, efficient operation. A battery pack is required to operate these units.

These appliances comply with National Safety Standards and are tested by Omer Test Laboratories (Report No. 116-F-41-5) and listed by CSA-496 in both USA and Canada, all outdoor gas fireplaces.

The installation must conform to local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or the Natural Gas and Propane Installation Code, CSA B149.1.

DO NOT ATTEMPT TO ALTER OR MODIFY THE CONSTRUCTION OF THE APPLIANCE OR ITS COMPONENTS. ANY MODIFICATION OR ALTERATION MAY VOID THE WARRANTY, CERTIFICATION AND LISTINGS OF THIS UNIT.

Minimum clearance to combustibles for the fireplace is as follows: sides and back - 1/2" (13mm); combustible floor - 0" (0mm); adjacent wall (150mm), ceiling - 50" (1270mm). Refer to Figure 4 on this page and Figure 19 on page 12 for more detail.

Note: Clearance behind the nailing flange for both fireplace models is 1/2" (13mm).

Note: Adjacent wall considerations are for an adjacent wall to only a single side. Walls should not be placed at the minimum distance on both sides of the fireplace. Allow at least 4 feet on one side of the fireplace.

**When Planning for the installation of the fireplace, the framing height must be increased from 48-1/2 inches to 47-1/4 inches, when installing the drain pan. An additional space below the fireplace will also be required to allow a drain line.**

**Step 1.** Seal all joints, gaps and corners around the bottom of the drain pan before positioning the fireplace on its location (Figure 3).

**Step 2.** On the exposed drain hole, install a PVC threaded coupling reducer, 3/4" x 1/2" coming from the top of the gas down through the hole. Apply a silicone-based sealant around the base and threads before installation.

**Step 3.** Holding the reducer coupling with a wrench thread 3/4" x 1/2" pipe, PVC elbow to the reducer until it is tight to the metal.

**Step 4.** Add additional piping to route the drain to an appropriate location.

Note: To assure proper drainage, the fireplace must be installed on a leveled surface.

**CLEARANCES**

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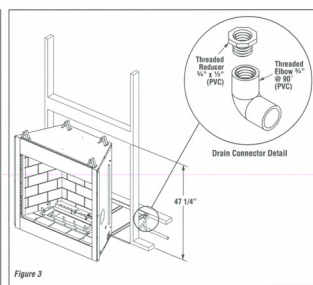


Figure 3

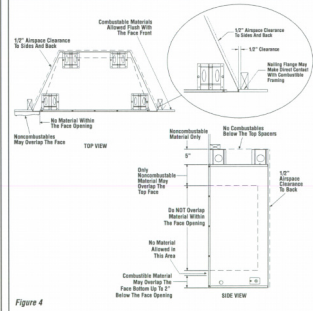


Figure 4

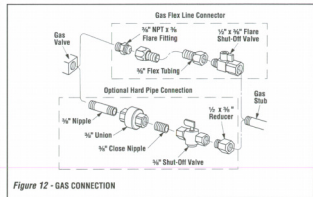


Figure 12 - GAS CONNECTION

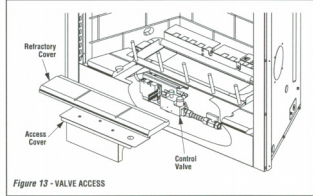


Figure 13 - VALVE ACCESS

Codes require a shut-off valve mounted in the supply line. Figure 12 illustrates two methods for connecting the gas supply. The flex-line method is acceptable in the U.S., however, Canadian requirements vary depending on locally. Installation must be in compliance with local codes.

These appliances are equipped with a gas flex line for use (where permitted) in connecting the unit to the gas line. A gas flex line is provided to aid in attaching the direct vent appliance to the gas supply. The gas flex line can only be used where local codes permit. See Figure 12 for flex line description. The flex is rated for both natural and propane gas. A manual shut off valve is also provided with the flex line.

The gas control valve is located under the refractory cover in front of the burner.

To access the valve, lift out the center refractory and remove the access cover (see Figure 13).

The control valves have a 3/8" (10 mm) NPT thread inlet port.

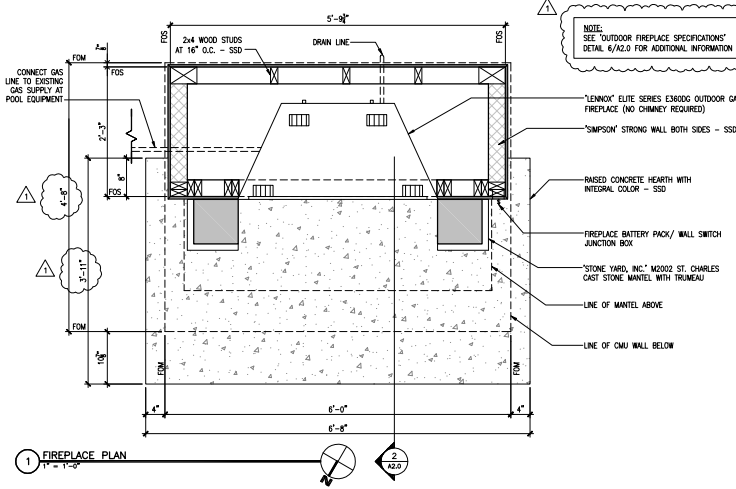
Secure all joints tightly using appropriate tools and sealing compounds (ensure propane resistant compounds are used in propane applications).

Turn on gas supply and test for gas leaks, using a gas leak test solution (also referred to as bubble leak solution). Note: Using a soapy water solution (50% dish soap, 50% water) is an effective leak test solution but it is not recommended, because the soap residue that is left on the pipes/fittings can result in corrosion over time. Never use an open flame to check for leaks.

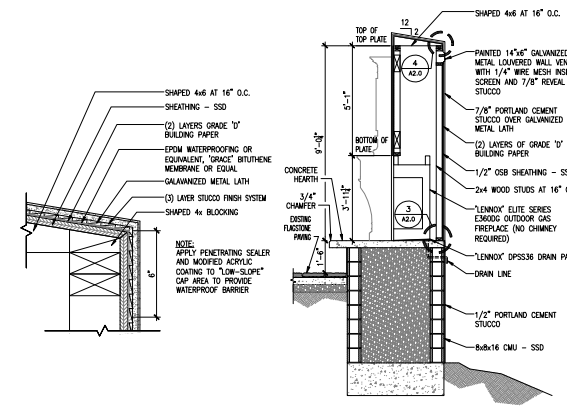
A. Light the appliance (refer to the lighting instructions label in the control compartment or in the Homeowner's Care and Operation Instructions).

B. Brush all joints and connections with the gas leak test solution to check for leaks. If bubbles are formed, or gas odor is detected, turn the gas control knob to the "OFF" position. Either tighten or refasten the leaking connection and retest as described above.

C. When the gas lines are tested and leak free, be sure to raise off the leak testing solution.



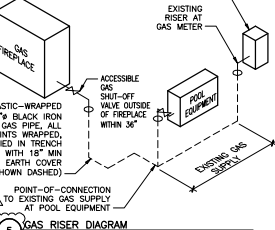
1 FIREPLACE PLAN



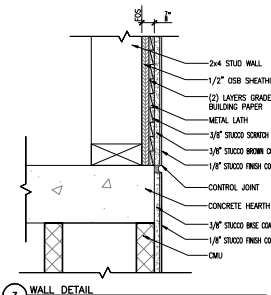
2 SECTION A



4 CAP DETAIL



5 GAS RISER DIAGRAM



3 WALL DETAIL

MARK	DATE	DESCRIPTION
Δ	10/02/08	PLAN DECK REVISION

**Lennox-Woodruff Architecture, Inc.**  
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