



LAS VEGAS FIRE & RESCUE

Fire Engineering Division Information Sheet



Effective Date: February 4, 2019

CLV Ordinance #6631

The items listed are basic information only. Please refer to adopted codes for specific details. Codes are subject to change. Additional requirements may apply.

FIRE FLOW CALCULATIONS FOR SINGLE FAMILY HOMES

The following information block shall be contained within the civil site plans for all projects. The preferred location for the block is on the sheet containing the Utility Design.

- Overall Fire Flow is based on Table B 104.1, B 105.1(1) and B105.1(2) in **Appendix B International Fire Code**
- Building height, number of stories, and type of construction are all determined based on the guidelines and definition outline in **Appendix B International Fire Code**
- Any permitted reductions in the required fire flow are outlined in **Appendix B105.2** within the **Southern Nevada Fire Code**
- In determining the minimum number of hydrants required, the maximum flow from each hydrant shall be 1500 gpm. Hydrant spacing shall be per **Appendix C105.1 Southern Nevada Fire Code**

FIRE FLOW CALCULATIONS

Based on:

Square Footage: _____ square feet

Required Fire Flow _____ GPM @ 20 psi

Number of Stories / floors: _____

Automatic Fire Sprinkler System: Yes No

Anticipated Fire Sprinkler Flow Demand: _____ gpm

Number of Public Hydrants provided _____

Number of Private Hydrants provided _____