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

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.

- Fire Flow is based on the Table B 105.1 **IFC Appendix B**
- Building height, number of stories, and type of construction are all determined based on the guidelines and definition outline in **IFC Appendix B**
- Any permitted reductions in the required fire flow are outlined in **SNFC B105.2**
- In determining the minimum number of hydrants required, the maximum flow from each hydrant shall be 1500 gpm. Hydrant spacing shall be per **IFC Appendix C / SNFC Section C105.1**
- Developments with **multiple** buildings: This chart shall be provided for each building for **each construction type**; and for each sprinklered/nonsprinklered building type if applicable.

FIRE FLOW CALCULATIONS

Fire Flow Requirement is _____ gallons per minute
at 20 psi residual pressure.

Sprinkler Demand_____*gpm*

Based on:

Square Footage: _____sq ft

Largest fire area: _____ square feet

Building Height: _____ ft

Number of Stories: _____ floors

Type of Construction: _____

Occupancy: _____

Full Automatic Fire Sprinkler System: ❑ Yes ❑ No

Number of Hydrants: _____

Las Vegas Fire and Rescue