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# LAS VEGAS FIRE & RESCUE

## Fire Engineering Division Information Sheet

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Effective Date: July 1, 2021

*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 INFORMATION

Type of Construction:	
Total Fire Area:	
Number of Stories:	
Type IA or IB construction: Area of three (3) Largest Floors:	
Building Height:	
High-Rise building:	Yes ___ No ___
Mid-Rise building	Yes ___ No ___
IBC Use Group:	
Sprinkler System	
If yes, specify type:     13 ___ 13R ___ 13D ___	
Number of Hydrants installed:	
Fire Flow On-site:	
Fire Flow Off-site:	
Total Fire Flow:	___ GPM at 20 psi