LAS VEGAS FIRE & RESCUE

FIRE PREVENTION DIVISION

Fire Sprinkler Single Piece Lead-In Standard Detail

Valid only for single one-piece lead-in riser. Not valid for multi-piece bolted or flanged lead-in.

TO BE COMPLETED BY CONTRACTOR

PROJECT INFORMATION:

Project Street Address: _____

Project Name: _____

CONTRACTOR'S INFORMATION:

Contractor Name: _____

State License Number: _____

I hereby certify that the work herein described is to be done in accordance with all of the provisions of the applicable ordinances of the City of Las Vegas; Nevada and State Laws, whether herein specified or not.

Signed Contractor:_____ SFM Master Card #_____

GENERAL REQUIREMENTS

A. 10ft maximum [NFPA 24§10.6.3.1]
B. 12in minimum [NFPA24§10.6.5]
C. No pipe joints under foundation [NFPA 24§10.6.4]
D. Undisturbed earth [NFPA 24§10.8.2.3]
E. Thrust Block [NFPA 24§10.8.2.3]
F. 3ft-6in minimum burial depth [NFPA 24§10.4.1]
G. 2in nominal annular clearance [NFPA 13§9.3.4.3]
H. Lead-In pipe shall be same size as underground lateral pipe.
I. Ames model IBR (single piece In-Building-Riser) or, Wilkins model WBR (single piece In-Building Riser);
J. Corrosion Resistance shall be provided by any of the following methods [NFPA 13§10.1]:
   - Thoroughly coating all steel with bituminous, or
   - High-density polyethylene wrap 0.004in min thickness, or
   - Low-density polyethylene wrap 0.008in min thickness.

Any deviation from these standards requires design drawings to be prepared by a licensed contractor / design professional per NAC and NRS regulations.

This standard does not constitute permission to violate any city, state or federal laws, or ordinances.

Ultimate responsibility for compliance rests with the contractor and owner.

Final acceptance or installation is based upon filed inspections and acceptance testing.

_____

LVFR - Released for Installation

Minimum Thrust Block Size (square-feet)			
Diameter	**100 psi**	**150 psi**	**200 psi**
4"	0.8	1.3	1.7
6"	1.8	2.6	3.5
8"	3.0	4.5	6.0
10"	4.6	6.8	9.1

* Based on minimum 1500 lbs/ft^2 soil bearing strength.