

DRC

PZ23-12000046

04/03/2024

Fire Prevention Fire Hydrant Flow Test

City of Pompano Beach • Bureau of Fire Prevention
100 West Atlantic Boulevard, Room 220 Pompano Beach, FL 33060
Phone: (954) 786-4695



- City of Pompano Beach Fire Prevention will **WITNESS** all fire hydrant flow test that are required for fire flow purposes.
- City of Pompano Beach Code of Ordinances Title IX Chapter 95 Section 95.14(G). Fire hydrant flow tests.
 - The Fire Department shall witness all hydrant flow tests as required for fire protection systems.
 - All fire flow tests shall be in accordance with NFPA 291 and Broward County Amendments F-112.
 - Broward County Amendments F-112(e) - The static pressure at the water main shall be determined by a recorded method for a minimum twenty-four (24) hour period.
 - Morning of fire Hydrant static/residue connection contractor to provide documents of test equipment certification.

Information:

Date:	January 8th 2024
Company Requesting Flow Test:	A Team Fire Sprinklers
Contact Name:	Jeff Fleurinord
Contact Phone Number:	305-948-3473
Email Address:	jeff@ateamfire.com
Associated Application Number:	PZ23-12000046
Associated Project Name:	GLC 22nd

Proposed Date/Time for Fire Hydrant Flow Test: (8am - 9am)

- Request Hydrant Flow Test minimum 72 hours in advance.
- Connection of Fire Hydrant for 24 hour static/residual must be between 0730hrs and 0830hrs.

Requested Date:	1/16/2024	Time:	8 AM
Alternate Date:	1/17/2024	Time:	8:20 AM

Fire Hydrant Flow Test Location:

Hydrant Location - Static/Residual:	NEC E Atlantic Blvd & NE 22nd Ave
Hydrant Location - Flow:	East side of NE 22nd Ave (across from site)

Fire Hydrant Flow Test Witness Fee:

There is a \$150.00 fee for performing each flow test. All tests will be completed within 5 business days. Please include map/sketch showing streets/cross streets & locations of flow and residual fire hydrants. Return flow test application to the Bureau of Fire Prevention with form of payment for \$150.00.

Make check and money orders payable to "CITY OF POMPANO BEACH"
If mailing in application with payment send to the addressed listed below.

Pompano Beach Fire Prevention
100 W. Atlantic Blvd. - Room 220
Pompano Beach, FL 33060

NOTE TO TREASURY: Post to 001-0000-367.30-00

Flow Test Equipment Certification:		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Date: 01/16/2024		
Fire Hydrant Id	Flow Pitot PSI	Flow GPM	Static Pressure 24 hr. Low PSI	Static Pressure Before Flow	Residual PSI During Flow	Tip Size
Atlantic NE 22 Ave	36	1022	87	83	75	2 1/2"
Total Hydrant Flow:						

- Fire Flow Data to be completed and entered on site.
- Fire flow data provided to Fire Prevention at a later date, must be signed/sealed by the Engineer of Record.

Person Conducting Flow Test:

Fire Inspector Witnessing Flow Test:

PZ23-12000046

02/21/2024

DRC

Fire Flow Report

City of Pompano Beach • Bureau of Fire Prevention
100 West Atlantic Boulevard, Room 220 Pompano Beach, FL 33060
Phone: (954) 786-4978



Date: 1 / 17 / 24 P.R.A. Number: _____
Project Name: GLC 22nd
Project Address: 31 NE 22nd Ave, Pompano Beach, FL 33062
Contact Name: Jeff Fleurinord
Company Name: Thompson Engineering & Consulting, Inc.
Mailing Address: 19304 NW 12th St
City: Pembroke Pines State: FL Zip Code: 33029
Phone Number: 954-232-2261 Fax Number: NA
Email Address: jeff@ateamfire.com

Proposed Building Information:

- ❖ Fire hydrant flow test must have been completed within a 12 month period for the address or project.
- ❖ Fire Flow. The flow rate of a water supply, measured at 20 psi residual pressure that is available for firefighting.
- ❖ Fire Flow Area. The floor area, in square feet, used to determine the required fire flow.
- ❖ A reduction in required fire flow of 75 percent shall be permitted when the building is protected throughout by an approved automatic sprinkler system. The resulting fire flow shall not be less than **1000 gpm**.

Building Type and Size – As per NFPA Building Type Classifications (Refer to NFPA 1 chapter 18, Table 18.4.5.1.2 and Annex I)

Building Construction Type:	<u>IIA</u>
Gross Square Footage (Fire Flow Area):	<u>121,775</u>
Construction Type I(442), I(332), II(222)	<u>0</u>
Square Footage of three largest floors:	
Building Sprinkled: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>	
Required Fire Flow (GPM):	<u>5,000 @ 4 hrs</u>
Fire Flow 75% Reduction (GPM):	<u>3,750 (2,000 Max)</u>
Number of Hydrant Required:	<u>2</u>

Construction Cross Reference:	
I(442)	
I(322)	IA
II(222)	IB
II(111)	IIA
II(000)	IIB
III(211)	IIIA
III(200)	IIIB
IV(2HH)	IV
V(111)	VA
V(000)	VB

New Site Developemnt:

- Label all existing/proposed water main sizes and location.
- Point of connections to public water.
 - Minimum two connections (looped system) for projects with a combination of multiple fire hydrants or systems that supply hydrants, fire sprinklers and domestic water supply.
- Fire hydrants and fire sprinkler supplies must have a separate taps on a looped supply.
- Location of minimum required fire hydrants.
 - Private hydrants painted silver.
 - Blue road marker in center of road lane.
- Location/size of fire sprinkler undergrounds.
- Location of fire sprinkler fire department connection.
 - Red road marker in center of road lane.