



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: | 06/29/2022 |
| Company Requesting Flow Test: | Bohler Engineering FL, LLC. |
| Contact Name: | Robert Morgado |
| Contact Phone Number: | 561-571-0280 |
| Email Address: | rmorgado@bohlereng.com |
| Associated Application Number: | |
| Associated Project Name: | Gateway Industrial |

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: | 07/11/2022 | Time: | 9:00AM |
| Alternate Date: | | Time: | |

Fire Hydrant Flow Test Location:

| | |
|-------------------------------------|--------------------|
| Hydrant Location - Static/Residual: | 2700 Gateway Drive |
| Hydrant Location - Flow: | |

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

| | Yes | No | Date: | | | |
|---|----------------|----------|--------------------------------|-----------------------------|--------------------------|----------|
| Flow Test Equipment Certification: | | | | | | |
| Fire Hydrant Id | Flow Pitot PSI | Flow GPM | Static Pressure 24 hr. Low PSI | Static Pressure Before Flow | Residual PSI During Flow | Tip Size |
| | 60 | 1300 | | | | |
| | | | 82 | 82 | 80 | |
| 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: _____ 9/22/22

Fire Inspector Witnessing Flow Test: _____



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: 06/29/22 P.R.A. Number: _____
Project Name: Gateway Industrial
Project Address: 2700 Gateway Drive, Pompano Beach, FL 33069
Contact Name: Robert Morgado
Company Name: Bohler Engineering FL, LLC.
Mailing Address: 1900 NW Corporate BLVD, Suite 101E
City: Boca Raton State: FL Zip Code: 33431
Phone Number: 561-571-0280 Fax Number: _____
Email Address: rmorgado@bohlereng.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)

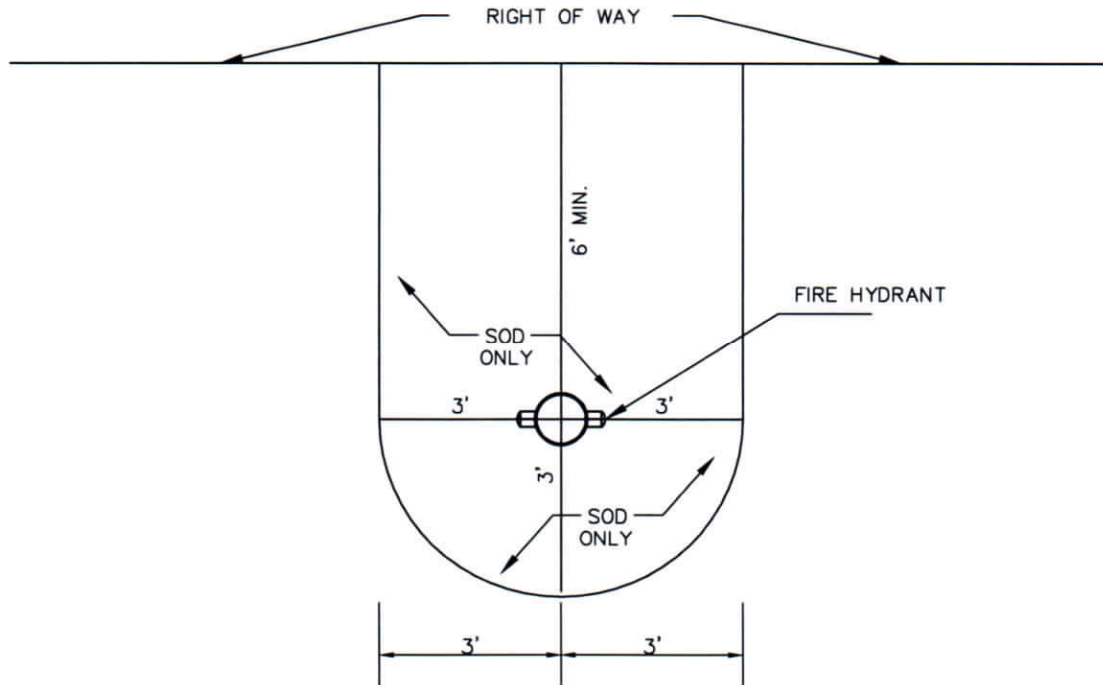
| | |
|---|-----------------------|
| Building Construction Type: | <u>IIB</u> |
| Gross Square Footage (Fire Flow Area): | <u>41,739 SF</u> |
| Construction Type I(442), I(332), II(222) Square Footage of three largest floors: | <u>II(000) 41,739</u> |
| Building Sprinkled: Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> | |
| Required Fire Flow (GPM): | <u>4,250</u> |
| Fire Flow 75% Reduction (GPM): | <u>1,062.5</u> |
| Number of Hydrant Required: | <u>1</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 Development:

- 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.

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REQUIREMENTS APPLY TO FIRE HYDRANTS. SIAMESE CONNECTIONS AND ANY OTHER FIRE EQUIPMENT FOR UTILIZING A FIRE HOSE, ON PRIVATE OR PUBLIC PROPERTY.

3' FROM ALL WORKING SIDES, 3' FROM REAR. SOD ONLY IN THESE AREAS.

THE CLEAR ZONE SHALL BE FREE OF LANDSCAPE, (EXCEPT SOD), MAILBOXES, PARKING SPACES, LIGHT-POSTS AND ALL OTHER OBJECTS.

EXCEPTIONS: OTHER FIRE FIGHTING EQUIPMENT OR TRAFFIC POSTS TO PREVENT FIRE FIGHTING EQUIPMENT.

THIS DIAGRAM SHALL APPEAR ON ALL LANDSCAPE PLANS PRIOR TO APPROVAL.

FIRE HYDRANT CLEAR ZONE

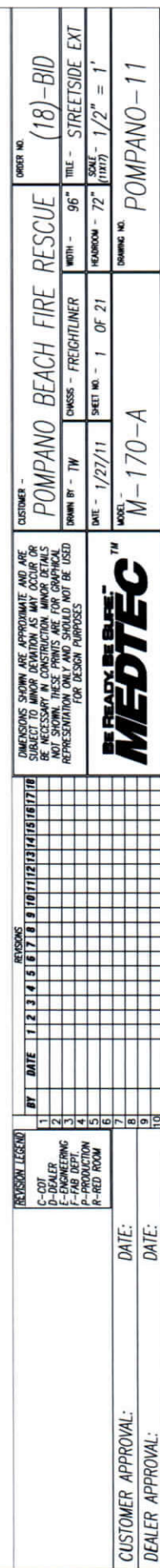
LANDSCAPE STANDARDS

| REVISIONS | | URBAN FORESTRY CITY OF POMPAÑO BEACH | FIRE HYDRANT CLEAR ZONE | |
|---------------|------------|---|------------------------------------|--|
| BY | DATE | | APPROVED BY: URBAN FORESTER | DATE: MARCH 2020 DWG. NO. 300-1 |
| TCW | APRIL 2010 | | | |
| AS | MAR 2020 | | | |
| SCALE: N.T.S. | | | | |

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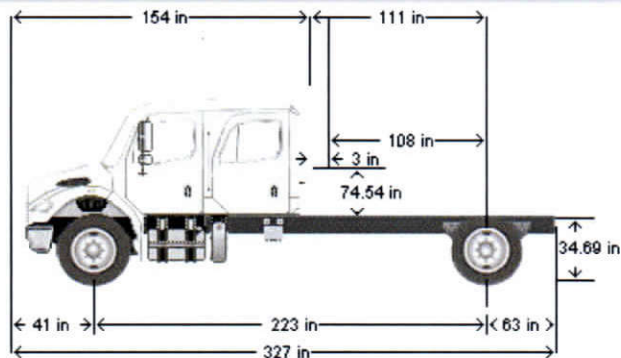
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05/24/2023



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DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

| | |
|--------------------------------------|--|
| Model | M2106 |
| Wheelbase (545) | 5675MM (223 INCH) WHEELBASE |
| Rear Frame Overhang (552) | 1600MM (63 INCH) REAR FRAME OVERHANG |
| Fifth Wheel (578) | NO FIFTH WHEEL |
| Mounting Location (577) | NO FIFTH WHEEL LOCATION |
| Maximum Forward Position (in) | 0 |
| Maximum Rearward Position (in) | 0 |
| Amount of Slide Travel (in) | 0 |
| Slide Increment (in) | 0 |
| Desired Slide Position (in) | 0.0 |
| Cab Size (829) | 154 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL CREW CAB |
| Sleeper (682) | NO SLEEPER BOX/SLEEPER CAB |
| Exhaust System (016) | RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH LH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES |

TABLE SUMMARY - DIMENSIONS

Application Version 11.3.004
Data Version PRL-23M.041
ETR Pompano Beach FL Fire Rescue

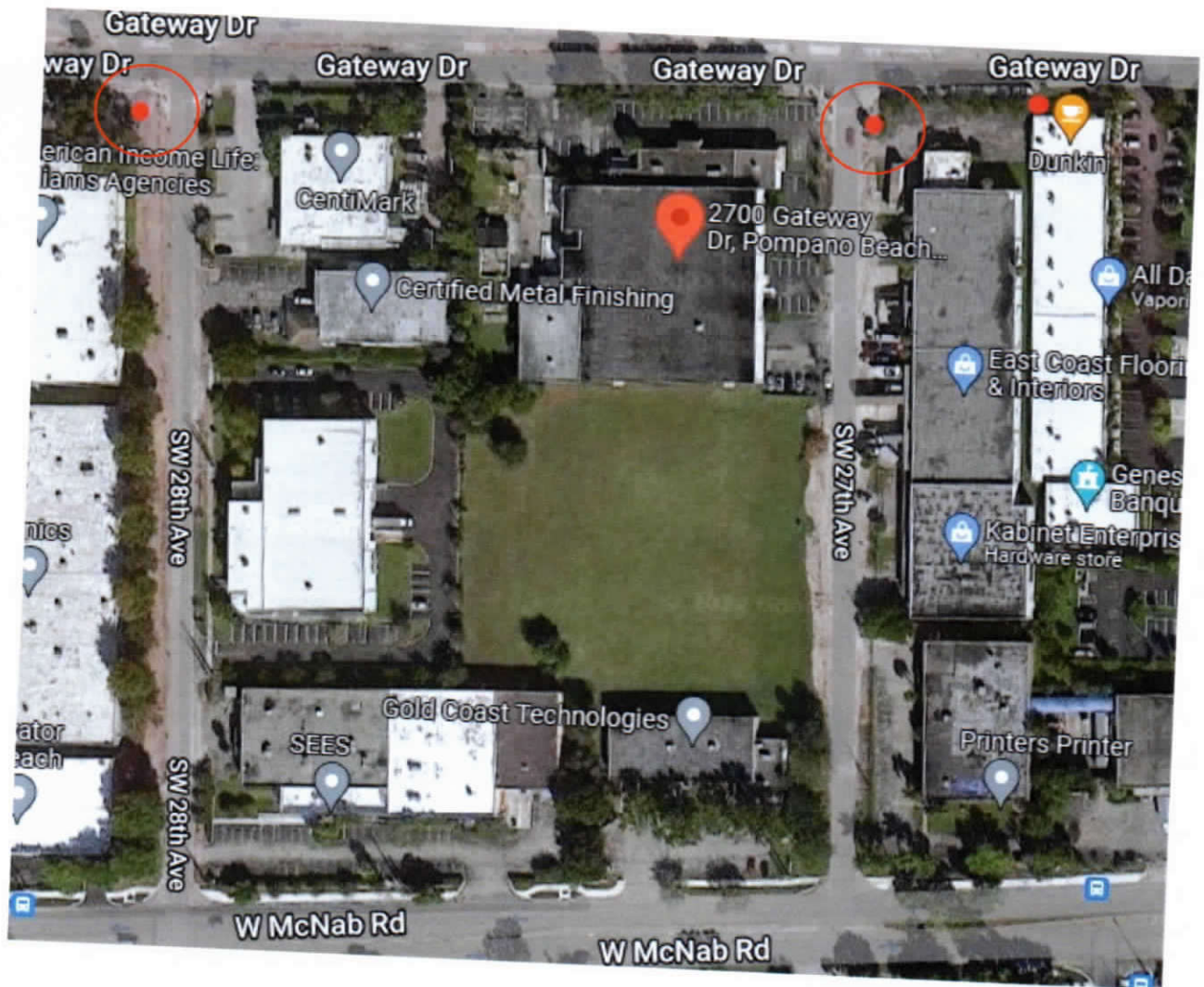


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