



July 14, 2022

City of Pompano Beach  
100 West Atlantic Boulevard, Dept. 1510  
Pompano Beach, Florida 33060

<b>Request:</b>	Major Site Plan
<b>P&amp;Z#</b>	22-12000016
<b>Owner:</b>	Archdiocese of Miami St Joseph Haitian Church
<b>Project Location:</b>	1210 NW 6 Avenue
<b>Folio Number:</b>	484235640010
<b>Land Use Designation:</b>	IRR (Irregular Density)
<b>Zoning District:</b>	RM-30
<b>Agent:</b>	Maura Jennings (305-443-9162)
<b>Project Planner:</b>	Hellena Lahens (954-786-5554 / Hellena.lahens@copbfl.com)

Architects – Project Fire Flow Calculations

#### LIFE SAFETY NOTES

#### PROPOSED FIRE FLOW CALCULATION PER NFPA 18

- GPM = 2517 GPM
- AVAILABLE 3649 GPM - 3110 @ 20 PSI RES.

See Fire Flow Hydrant Test Attached as Exhibit A

FIRE DEPARTMENT ACCESS AND WATER SUPPLY (SEE CIVIL PLANS)  
LOCATION OF ALL EXISTING AND PROPOSED WATER UTILITIES, FIRE  
HYDRANT AND MAIN SIZES (SEE CIVIL PLANS)

Should you have any questions or concerns please feel free to contact me at (954) 461-6625 or  
[BHerbert@GalloHerbert.com](mailto:BHerbert@GalloHerbert.com)

Kind Regards,

A handwritten signature in blue ink that reads "Brian P. Herbert" followed by "AIA" in a smaller, separate signature.

Brian P. Herbert, AIA  
President  
Gallo Herbert Architects

1311 West Newport Center Drive  
Deerfield Beach, FL 33442  
O. 954.794.0300 F. 954.794.0301

# AAC

PZ22-12000016

10/4/2022



EXHIBIT A



## WATER FLOW TEST CHART

### HYDRANT # AND LOCATION

H1	Private Hydrant, behind existing church.
H2	Private Hydrant, just inside entrance to building.
H3	

DATE: 3-May-2022 TIME: 8:00 AM MIN. OF FLOW: 1

TEST BY:

WATER PURVEYOR:

PURPOSE OF TEST:

#### Flow Hydrants

	H1	H2	H3
SIZE OPENING:	2.5	0	0
# OF OUTLETS:	1	0	0
COEFFICIENT:	0.9	0	0
PITOT READING:	35	0	0
GPM FLOW:	993	0	0

#### Pitot Calculator

SIZE OPENING:	2.5
# OF OPENINGS:	1
COEFFICIENT:	0.9
PITOT READING:	35
GPM FLOW:	993

TOTAL FLOW DURING TEST: 993 GPM

STATIC READING: 78 PSI

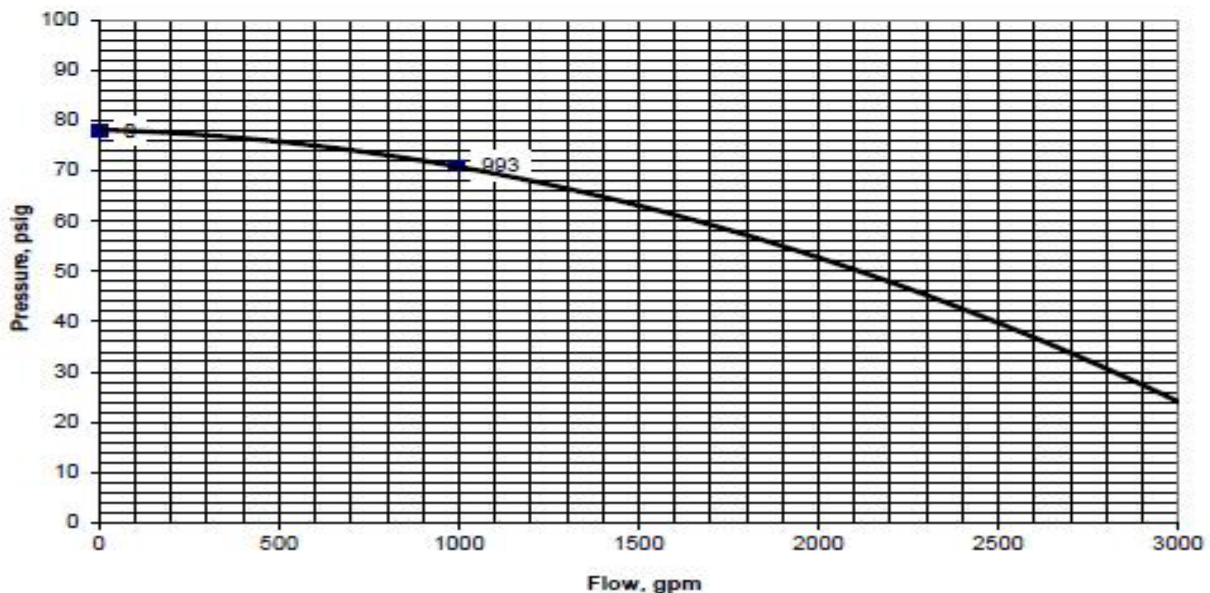
RESIDUAL: 71 PSI

RESULTS: AT 20 PSI RESIDUAL 3110 GPM

AT 0 PSI 3649 GPM

ESTIMATED CONSUMPTION: 993 GAL.

REMARKS:



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**AAC**

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