

Fire Hydrant Flow Test Form

Test form to be filled out and returned in PDF format.

Click to in II. Flow Test Data and III. Calculations.

Hover cursor over fields to display ToolTips.



I. Project Information (To be completed by Applicant)

Name:	Phone:
Company Address:	
Project Name:	
NBU Work Order Numbers:	

II. Flow Test Data (To be completed by Applicant)

Test Hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:	Private:
	Location Description:		
	Size and Material of Main:		
	Manufacturer:	OEM Year:	
	Static PSI:	Residual PSI:	% Pressure Drop: Date and Time:
Flow Hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:	Diameter:
	Size and Material of Main:		
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed: Date and Time:
	Total Water Loss:		
	Flow Hydrant 2 outlets of one hydrant	NBU FH ID #:	Plan Sheet/Hydrant #:
Size and Material of Main:			
Pitot PSI:		Observed Flow (GPM):	Mins Flowed: Date and Time:
Total Water Loss:			
Flow Hydrant		NBU FH ID #:	Plan Sheet/Hydrant #:
	Size and Material of Main:		
	Pitot PSI:	Observed Flow (GPM):	Mins Flowed: Date and Time:
	Total Water Loss:		

III. Calculations (Auto-populated)

Residual Flow $Q_r = 29.83 \times c_d \times D^2 \sqrt{P_p \times H_f}$	Fire Flow at 20 PSI $Q_f = Q_r \times \left(\frac{P_s - 20}{P_s - P_r} \right)^{0.54}$
Cd =	Qr =
D =	Ps =
Pp =	Pr =
Hf =	Qf =
Qr =	NFPA 291 Standard Color Code :

IV. Tester/Company Information (To be completed by Applicant)

Flow Test Conducted by:	Phone:
Business License #:	
Company Address:	
Signature:	Date:

V. NBFD Fire Hydrant Flow Requirements (To be completed by Fire Department)

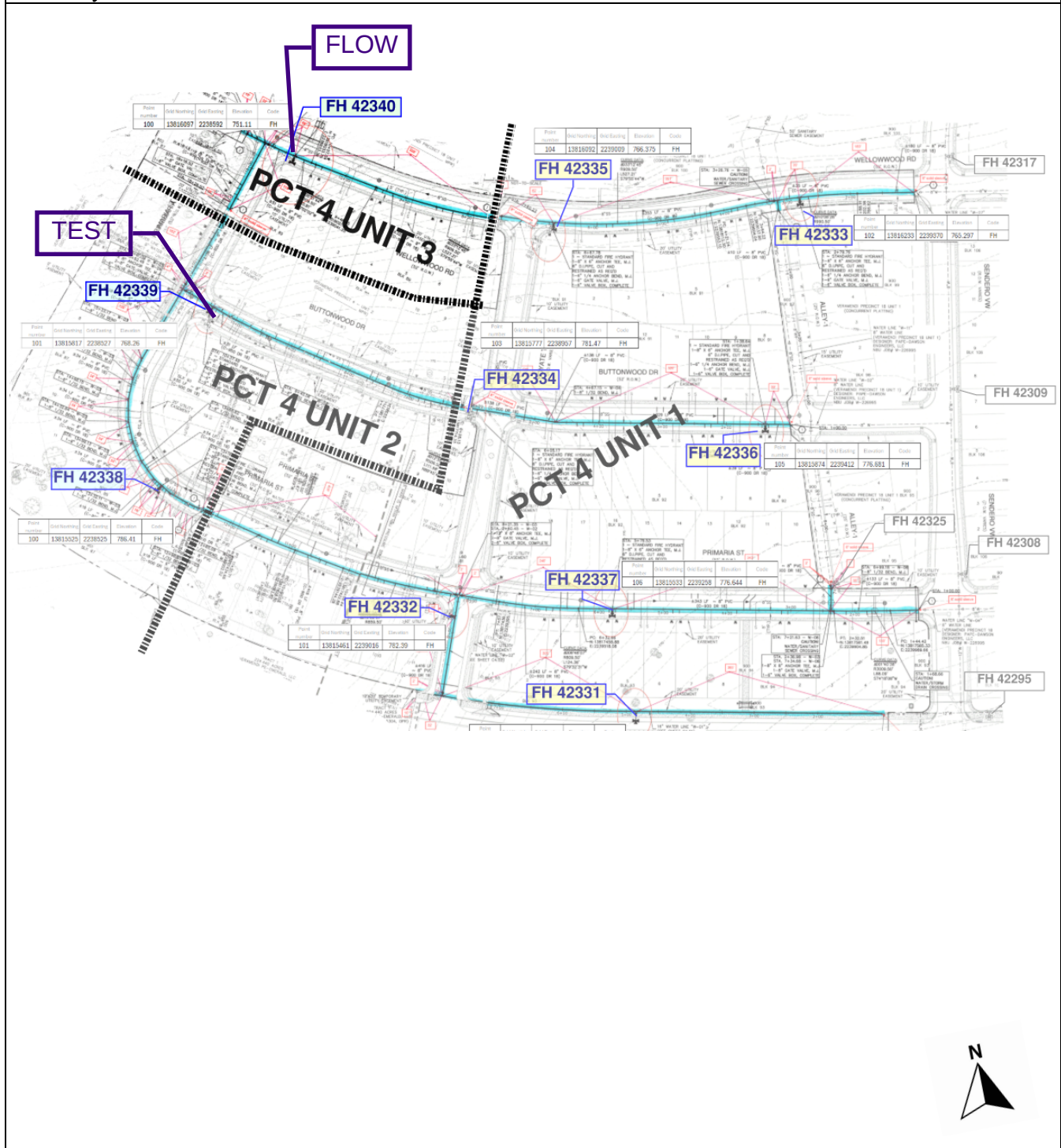
Print Name:	Title:	Accepted:
Signature:	Date and Time:	



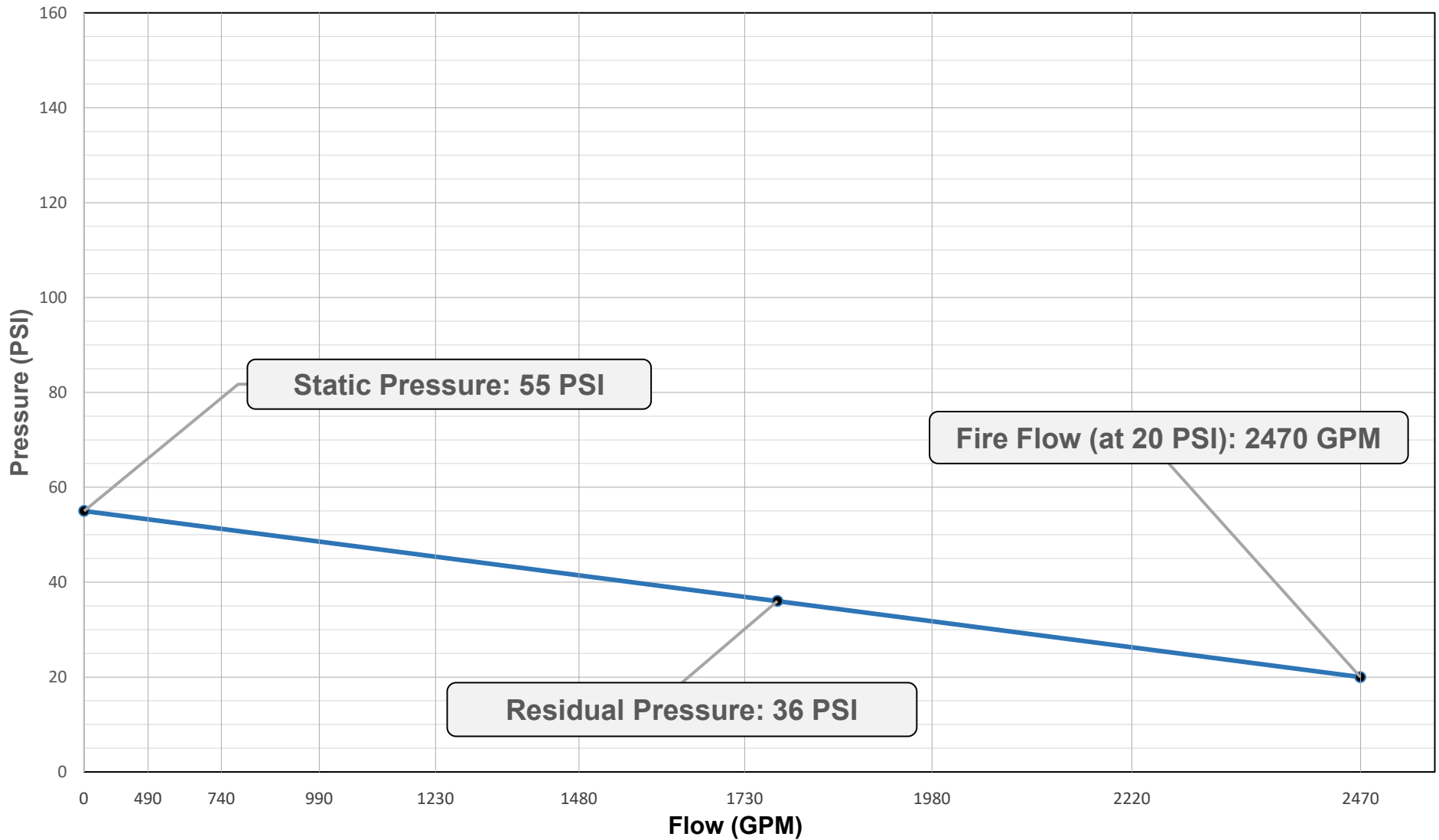
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VI. Sketch (Attach any additional calculations and graphs made by testing company)

Label Hydrant Numbers and Street Names



Project Name:	Veramendi Pct 4, Unit 3 (Test #1)
Project Number:	26-0138
Test Date:	July 24, 2026
City:	New Braunfels



Static Pressure: 55 PSI	Residual Pressure: 36 PSI	Flow Test @ Residual Pressure: 1,776 GPM	Fire Flow (at 20 PSI): 2,470 GPM
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