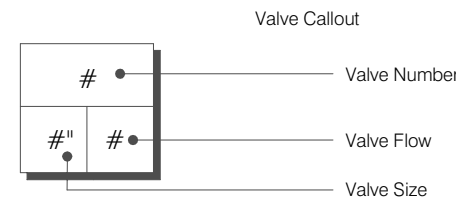


IRRIGATION SCHEDULE HOUSE TYPE 3				
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	22	30	
	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	60	30	
	Rain Bird 1800-PA-8S-PRS ADJ Shrub Spray on fixed riser with the PA-8S-PRS Pressure Regulating Shrub Adapter. Use with 1/2" MPT threaded risers.	9	30	
	Rain Bird 1800-5 Series Stream Stream Bubbler on fixed riser.	4	15	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL	
	Rain Bird PESB-PRS-D (2) 1" 1in., 1-1/2in., 2in. Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulating Module, and Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	8		
	Febco 825Y 1" Reduced Pressure Backflow Preventer	1		
	Rain Bird ESP4ME3 with (2) ESP-SM3 (2) 10 Station, Hybrid Modular Outdoor Controller. For Residential or Light Commercial Use. LNK WIFI Module and Flow Sensor Ready.	1		
	Rain Bird RSD-BEx (2) Rain Sensor, with metal latching bracket, extension wire.	1		
	Water Meter 5/8" 5/8" METER	1		
---	Irrigation Lateral Line: PVC Schedule 40	110.1 l.f.		
---	Irrigation Lateral Line: PVC Schedule 40 1/2"	560.8 l.f.		
---	Irrigation Lateral Line: PVC Schedule 40 3/4"	132.8 l.f.		
---	Irrigation Lateral Line: PVC Schedule 40 1"	117.5 l.f.		
---	Irrigation Lateral Line: PVC Schedule 40 1 1/4"	101.6 l.f.		
---	Irrigation Mainline: PVC Schedule 40-NP 3/4"	87.3 l.f.		
---	Irrigation Mainline: PVC Schedule 40-NP 1"	175.3 l.f.		
---	Irrigation Mainline: PVC Schedule 40-NP 1 1/4"	15.2 l.f.		
---	Pipe Sleeve: PVC Schedule 40	6.0 l.f.		
---	Pipe Sleeve: PVC Schedule 40 2"	50.1 l.f.		



#### CRITICAL ANALYSIS

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P.O.C. NUMBER: 01  
Water Source Information: 5/8" METER

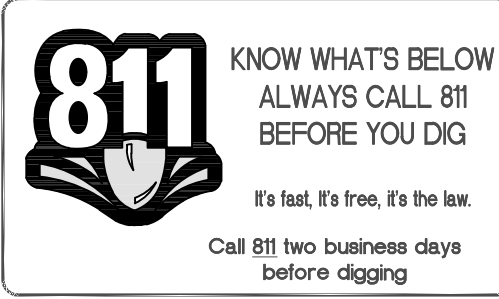
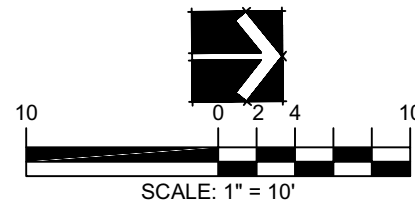
FLOW AVAILABLE  
Water Meter Size: 5/8"  
Flow Available: 15 GPM

PRESSURE AVAILABLE  
Static Pressure at POC: 60 PSI  
Elevation Change: 5.00 ft  
Service Line Size: 1"  
Length of Service Line: 20 ft  
Pressure Available: 57 PSI

DESIGN ANALYSIS  
Maximum Station Flow: 14 GPM  
Flow Available at POC: 15 GPM  
Residual Flow Available: 1 GPM

Critical Station:  
Design Pressure: 4  
Friction Loss: 30 PSI  
Fittings Loss: 2.57 PSI  
Elevation Loss: 0.26 PSI  
Loss through Valve: 0 PSI  
Pressure Req. at Critical Station: 2.24 PSI  
Loss for Fittings: 35.1 PSI  
Loss for Main Line: 0 PSI  
Loss for Main Line: 3.07 PSI

SLEEVING SCHEDULE	
PIPE SIZE	SLEEVING PIPE SIZE
3/4"	2"
1"	2"
1-1/4"	3"
1-1/2"	3"
2"	4"
3"	6"
4"	8"
6"	12"
8"	16"



FOLIAGE  
EXPRESSIONS  
8801 SW 192nd Terrace,  
Cutler Bay, FL 33157



James B. Euell  
Digitally signed by James B. Euell  
Date: 2023.10.30 15:17:45 -04'00'

PROPOSED 12 HOUSES

NW 10TH STREET  
POMPANO BEACH, FL 33060

DISTRIBUTION:	DATE:

DRAWING NAME:  
HOUSE TYPE 1  
IRRIGATION  
PLAN AND  
SCHEDULE

DRAWING NUMBER:  
L-303  
PZ23-12000051  
12/20/2023