


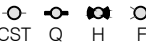












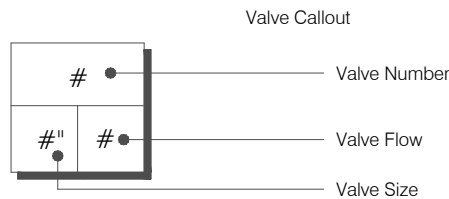


IRRIGATION SCHEDULE HOUSE MODEL A					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL	
	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	15	30		
	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	20	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.	5	30		
	Rain Bird 1800-5 Series Stream Stream Bubbler on fixed riser.	11	15		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		DETAIL	
	Rain Bird PESS-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.	6			
	Febco 825Y 1" Reduced Pressure Backflow Preventer	1			
	Rain Bird ESP4MEI with (1) ESP-SM6 10 Station, Hybrid Modular Indoor Controller. For Residential or Light Commercial Applications.	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 1/2"	344.9 l.f.			
	Irrigation Lateral Line: PVC Schedule 40 3/4"	203.1 l.f.			
	Irrigation Lateral Line: PVC Schedule 40 1"	188.8 l.f.			
	Irrigation Lateral Line: PVC Schedule 40 1 1/4"	15.5 l.f.			
	Irrigation Mainline: PVC Schedule 40-NP 3/4"	106.0 l.f.			
	Irrigation Mainline: PVC Schedule 40-NP 1"	155.6 l.f.			
	Pipe Sleeve: PVC Schedule 40 2"	5.8 l.f.			



### CRITICAL ANALYSIS

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

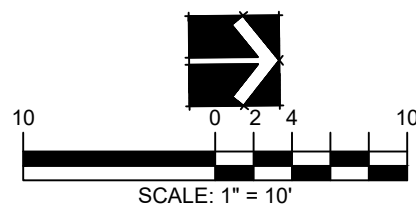
FLOW AVAILABLE  
Water Meter Size: 5/8"  
Flow Available: 15 GPM

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

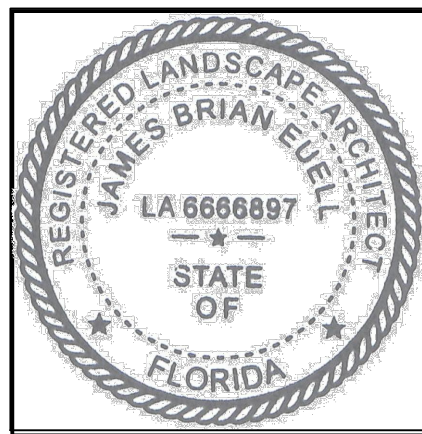
DESIGN ANALYSIS  
Maximum Station Flow: 13.03 GPM  
Flow Available at POC: 15 GPM  
Residual Flow Available: 1.97 GPM

Critical Station: 3  
Design Pressure: 30 PSI  
Friction Loss: 1.84 PSI  
Fittings Loss: 0.19 PSI  
Elevation Loss: 0 PSI  
Loss through Valve: 1.91 PSI  
Pressure Req. at Critical Station: 33.9 PSI  
Loss for Fittings: 0 PSI  
Loss for Main Line: 3.08 PSI  
Loss for POC to Valve Elevation: 0 PSI  
Loss for Backflow: 12.2 PSI  
Loss for Water Meter: 4.38 PSI  
Critical Station Pressure at POC: 53.6 PSI  
Pressure Available: 57 PSI  
Residual Pressure Available: 3.4 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



### PROPOSED 12 HOUSES

NW 10TH STREET  
POMPANO BEACH, FL 33060

PROJECT NAME & LOCATION:

DISTRIBUTION:	DATE:
PERMIT COMMENTS	03-22-24
PERMIT COMMENTS	03-22-24
PERMIT COMMENTS	01-14-25

DRAWING NAME:  
HOUSE MODEL A  
AT N.W. 11TH. STREET  
IRRIGATION PLAN  
AND SCHEDULE

DRAWING NUMBER:

L-302