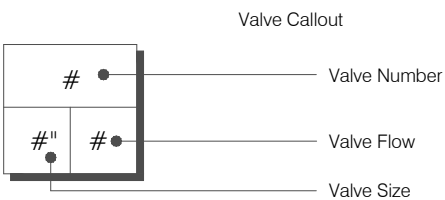


| IRRIGATION SCHEDULE HOUSE MODEL B AT 10TH STREET |   |            |     |        |
|--|---|------------|-----|--------|
| SYMBOL   | MANUFACTURER/MODEL/DESCRIPTION  | QTY        | PSI | DETAIL |
|  | Rain Bird 1806-PRS 15 Strip Series<br>Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal.<br>Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.<br>Pressure Regulating.   | 4          | 30  |        |
|  | Rain Bird 1806-PRS ADJ<br>Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal.<br>Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.<br>Pressure Regulating.   | 30         | 30  |        |
|  | Rain Bird 1806-PRS ADJ<br>Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal.<br>Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.<br>Pressure Regulating.   | 17         | 30  |        |
|  | Rain Bird 1800-PA-8S-PRS ADJ<br>Shrub Spray on fixed riser with the PA-8S-PRS Pressure<br>Regulating Shrub Adapter. Use with 1/2" MPT threaded risers.  | 9          | 30  |        |
|  | Rain Bird 1800-5 Series Stream<br>Stream Bubbler on fixed riser.  | 10         | 15  |        |
| SYMBOL   | MANUFACTURER/MODEL/DESCRIPTION  | QTY        |     | DETAIL |
|  | Rain Bird PESB-PRS-D (2) 1"<br>1in., 1-1/2in., 2in. Plastic Industrial Valves. Low Flow Operating<br>Capability, Globe Configuration. With Pressure Regulating<br>Module, and Scrubber Technology for Reliable Performance in<br>Dirty Water Irrigation Applications. | 7          |     |        |
|  | Febco 825Y 1"<br>Reduced Pressure Backflow Preventer  | 1          |     |        |
|  | Rain Bird ESP4MEI with (1) ESP-SM6<br>10 Station, Hybrid Modular Indoor Controller. For Residential or<br>Light Commercial Applications.  | 1          |     |        |
|  | Rain Bird RSD-BEx (2)<br>Rain Sensor, with metal latching bracket, extension wire.  | 1          |     |        |
|  | Water Meter 5/8"<br>5/8" METER  | 1          |     |        |
|  | Irrigation Lateral Line: PVC Schedule 40 1/2"   | 581.2 l.f. |     |        |
|  | Irrigation Lateral Line: PVC Schedule 40 3/4"   | 158.5 l.f. |     |        |
|  | Irrigation Lateral Line: PVC Schedule 40 1"   | 53.8 l.f.  |     |        |
|  | Irrigation Lateral Line: PVC Schedule 40 1 1/4"   | 18.1 l.f.  |     |        |
|  | Irrigation Mainline: PVC Schedule 40-NP 1/2"  | 27.6 l.f.  |     |        |
|  | Irrigation Mainline: PVC Schedule 40-NP 3/4"  | 9.1 l.f.   |     |        |
|  | Irrigation Mainline: PVC Schedule 40-NP 1"  | 113.1 l.f. |     |        |
|  | Irrigation Mainline: PVC Schedule 40-NP 1 1/4"  | 110.6 l.f. |     |        |
|  | Pipe Sleeve: PVC Schedule 40 2"   | 24.8 l.f.  |     |        |



### CRITICAL ANALYSIS

Generated: 2025-01-12 01:54

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

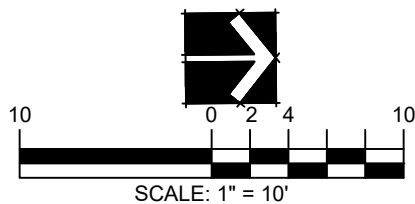
FLOW AVAILABLE  
Water Meter Size: 5/8"  
Flow Available: 15 GPM

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

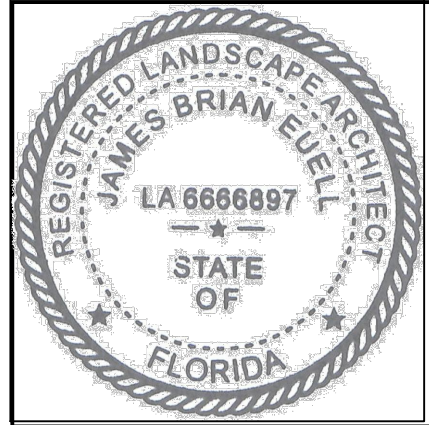
DESIGN ANALYSIS  
Maximum Station Flow: 14.64 GPM  
Flow Available at POC: 15 GPM  
Residual Flow Available: 0.36 GPM

Critical Station: 5  
Design Pressure: 30 PSI  
Friction Loss: 2.62 PSI  
Fittings Loss: 0.26 PSI  
Elevation Loss: 0 PSI  
Loss through Valve: 2.31 PSI  
Pressure Req. at Critical Station: 35.2 PSI  
Loss for Fittings: 0 PSI  
Loss for Main Line: 1.51 PSI  
Loss for POC to Valve Elevation: 0 PSI  
Loss for Backflow: 11.5 PSI  
Loss for Water Meter: 7.92 PSI  
Critical Station Pressure at POC: 56.1 PSI  
Pressure Available: 57 PSI  
Residual Pressure Available: 0.9 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:    |
|---------------|----------|
|               | 03-22-24 |
|               | 03-22-24 |
|               | 01-14-25 |
|               |          |
|               |          |

DRAWING NAME:  
HOUSE MODEL B  
AT NW. 10TH STREET  
IRRIGATION PLAN  
AND SCHEDULE

DRAWING NUMBER:  
L-304.1