

The diagram shows a rectangular box divided into three sections. The top section contains a '#' symbol and a dot, with a line pointing to the text 'Valve Number'. The bottom-left section contains a '#' symbol with a superscript 'n' and a dot, with a line pointing to the text 'Valve Flow'. The bottom-right section contains a '#' symbol and a dot, with a line pointing to the text 'Valve Size'.

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P.O.C. NUMBER: 01
Water Source Information: 1" WATER METER

FLOW AVAILABLE
Water Meter Size: 1"
Flow Available 19.62 GPM

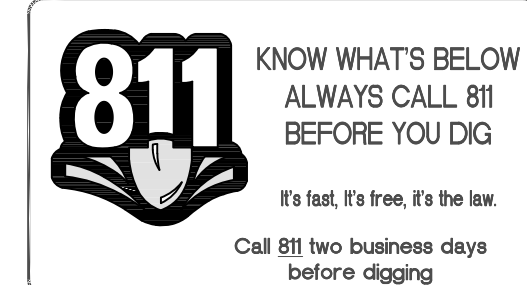
PRESSURE AVAILABLE	
Static Pressure at POC:	60 PSI
Elevation Change:	5.00 ft
Service Line Size:	1"
Length of Service Line:	20 ft
Pressure Available:	56 PSI

DESIGN ANALYSIS	
Maximum Station Flow:	18 GPM
Flow Available at POC:	19.62 GPM
Residual Flow Available:	1.62 GPM

Critical Station:	4
Design Pressure:	30 PSI
Friction Loss:	2.68 PSI
Fittings Loss:	0.27 PSI
Elevation Loss:	0 PSI
Loss through Valve:	3.9 PSI
Pressure Req. at Critical Station:	36.9 PSI
Loss for Fittings:	0 PSI
Loss for Main Line:	5.42 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	11.3 PSI
Loss for Water Meter:	1.53 PSI
Critical Station Pressure at POC:	55.1 PSI
Pressure Available:	56 PSI
Residual Pressure Available:	0.86 PSI

NOTE:

1. Irrigation system shall provide 100% coverage with 50% overlap



FOLIAGE
EXPRESSIONS
8801 SW 192nd Ave
Cutler Bay, FL 33187




Digitally signed by
James B. Euell
Date: 2024.07.29
08:59:06

NAME & LOCATION:

ECO POMPANO TOWNHOMES

3225 NE 5TH STREET
POMPANO BEACH FLORIDA 33062

DISTRIBUTION:	DATE:
 SITE PLAN COMMENTS	07-06-24

DRAWING NAME:
**IRRIGATION
PLAN**

PZ24-12000008
01/15/2025