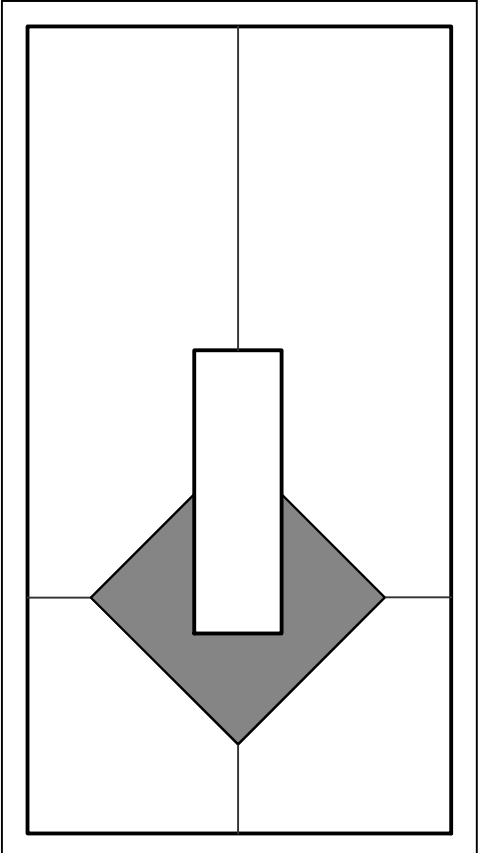



The diagram shows a rectangular box divided into three sections. The top section is labeled 'Valve Number' and contains a '#' symbol and a dot. The bottom-left section is labeled 'Valve Flow' and contains a '#' symbol and a dot. The bottom-right section is labeled 'Valve Size' and contains a '#' symbol and a dot. Lines connect the labels to their respective sections in the box.

<h1>CRITICAL ANALYSIS</h1>	
Generated:	2023-03-21 10:20
P.O.C. NUMBER: 01	
Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available	46.59 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	65 PSI
Elevation Change:	5.00 ft
Service Line Size:	1 1/2"
Length of Service Line:	20 ft
Pressure Available:	62 PSI
DESIGN STATION	
Maximum Station Flow:	27.82 GPM
Flow Available at POC:	46.59 GPM
Residual Flow Available:	18.77 GPM
Critical Station:	
Design Pressure:	30 PSI
Friction Loss:	1.94 PSI
Fittings Loss:	0.19 PSI
Elevation Loss:	0 PSI
Loss through Valve:	3.67 PSI
Pressure Req. at Critical Station:	35.8 PSI
Loss for Fittings:	0.57 PSI
Loss for Main Line:	5.74 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	12.2 PSI
Loss for Water Meter:	1.58 PSI
Critical Station Flow at POC:	55.8 PSI
Pressure Available:	62 PSI
Residual Pressure Available:	6.15 PSI



Digitally signed by James B. Euell  
Date: 2023.04.11 07:39:11 -04'00'

LAKE PARK KITCHENS AKA  
OCEANA COFFEE  
1301 10th. STREET  
LAKE PARK, FL 33403

DISTRIBUTION:	DATE:
 SITE PLAN MODIFICATION	03-15-23

DRAWING NAME:

**IRRIGATION  
DETAILS**

DRAWING NUMBER:

**L-301**