

[illegible]

VALVE SCHEDULE									
NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	WPI	PSI	PSI @ POC	PRECIP
1	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	2.48	372.3/1.3	697.0	20.7	25.5	0.4 in/h
2	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	12.1	372.3/1.3	697.0	20.7	25.5	0.4 in/h
3	RAIN BIRD IPE	1"	BURBLES	9.75	20	538.4	20.3	39.2	0.4 in/h
4	RAIN BIRD IPE	1"	BURBLES	9.75	20	538.4	20.3	39.2	0.4 in/h
5	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	7.3	126.0/1.0	405.5	22.5	28.1	0.4 in/h
6	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	12.3	126.0/1.0	405.5	22.5	28.1	0.4 in/h
7	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	6.1	91.8/1.0	286.4	24.1	30.2	0.4 in/h
8	RAIN BIRD IZC-100LGS	1-1/2"	TURF ROTOR	15.12	20	390.3	19.3	39.2	0.4 in/h
9	RAIN BIRD IPE	1"	BURBLES	10.0	20	538.4	20.3	39.2	0.4 in/h
10	RAIN BIRD IPE	1"	BURBLES	10.0	20	538.4	20.3	39.2	0.4 in/h
11	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	3.28	81.8/1.0	108.6	20.1	27.7	0.4 in/h
12	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	3.28	81.8/1.0	108.6	20.1	27.7	0.4 in/h
13	RAIN BIRD IPE	1"	BURBLES	25	10	215.4	22.5	24.6	0.4 in/h
14	RAIN BIRD IPE	1-1/2"	AREA FOR DRIPLINE	10.0	108.6/1.0	358.4	20.3	39.2	0.4 in/h
15	RAIN BIRD IZC-100LGS	1-1/2"	AREA FOR DRIPLINE	2.27	304.4/1.1	75.5	25.5	28.5	0.4 in/h
16	RAIN BIRD IZC-100LGS	1-1/2"	TURF ROTOR	16.2	30	295.4	20.4	39.2	0.4 in/h
Corrected WPI						1.481	38.3	43.0	0.4 in/h

WATERING SCHEDULE							
NUMBER	MODEL	TYPE	PRECIP	IN/WEEK	MIN/WEEK	GAL/WEEK	GAL/DAY
1	RAN BPO I22-150LCS	AREA FOR DRAINAGE	0.43/in	0.5	71	176	
2	RAN BPO I22-150LCS	SPRINKLER	1.51/in	0.8	274	80	
3	RAN BPO IFE	BURBLES	0.80/in	0.75	53	217	
4	RAN BPO IFE	BURBLES	0.80/in	0.5	38	151	
5	RAN BPO IFE	AREA FOR DRAINAGE	0.43/in	0.5	71	218	
6	RAN BPO IFE	SPRINKLER	1.51/in	0.8	287	80	
7	RAN BPO IFE	AREA FOR DRAINAGE	0.43/in	0.5	71	624	
8	RAN BPO IFE	TURF ROTOR	0.97/in	1	53	603	
9	RAN BPO IFE	TURF ROTOR	0.90/in	0.75	89	1,202	
10	RAN BPO IFE	BURBLES	0.80/in	0.75	82	322	
11	RAN BPO I22-150LCS	AREA FOR DRAINAGE	0.43/in	0.5	59	111	
12	RAN BPO I22-150LCS	AREA FOR DRAINAGE	0.43/in	0.5	71	233	
13	RAN BPO IFE	TURF ROTOR	0.97/in	1	53	119	
14	RAN BPO IFE	BURBLES	0.80/in	0.75	53	203	
15	RAN BPO I22-150LCS	AREA FOR DRAINAGE	0.43/in	0.5	71	142	
16	RAN BPO I22-150LCS	AREA FOR DRAINAGE	0.43/in	0.5	71	161	
17	RAN BPO IFE	TURF ROTOR	0.90/in	0.75	113	154	
18		TOTALS:			1,138	9,842	

CRITICAL ANALYSIS		CRITICAL ANALYSIS	
Generated:	2025-04-12 09:56	Generated:	2025-04-12 09:56
P.O.C. NUMBER: 01	CONTRACTOR TO CONNECT TO EXISTING IRRIGATION WATER MAIN	P.O.C. NUMBER: 02	CONTRACTOR TO CONNECT TO EXISTING IRRIGATION WATER MAIN
Water Source Information:		Water Source Information:	
FLOW AVAILABLE		FLOW AVAILABLE	
Point of Connection Size	2"	Point of Connection Size	1.12"
Flow Available	68.4 GPM	Flow Available	43.05 GPM
PRESSURE AVAILABLE		PRESSURE AVAILABLE	
Static Pressure at P.O.C.	65 PSF	Static Pressure at P.O.C.	65 PSF
Pressure Available	65 PSF	Pressure Available	65 PSF
DESIGN ANALYSIS		DESIGN ANALYSIS	
Maximum Station Flow	16.2 GPM	Maximum Station Flow	15.10 GPM
Flow Available at P.O.C.	68.4 GPM	Flow Available at P.O.C.	43.05 GPM
Residual Flow Available	52.2 GPM	Residual Flow Available	28.53 GPM
Critical Station:	13	Critical Station:	4
Design Pressure:	25 PSF	Design Pressure:	4.29 PSF
Friction Loss:	1.15 PSI/100'	Friction Loss:	5.88 PSI/100'
Filtering Loss:	0.17 PSI/100'	Filtering Loss:	0.09 PSI/100'
Pressure Loss:	1.32 PSI/100'	Pressure Loss:	5.97 PSI/100'
Flow Through Valve:	2.48 PSF	Flow Through Valve:	2.36 PSF
Pressure Loss at Critical Station:	38.39 PSI	Pressure Loss at Critical Station:	33.39 PSI
Loss to Filings:	0.47 PSI	Loss to Filings:	0.25 PSI
Loss to Man Line:	4.05 PSI	Loss to Man Line:	2.42 PSI
Loss to P.O.C. & Backflow:	0.75 PSI	Loss to P.O.C. & Backflow:	0.75 PSI
Loss to Backflow:	2.24 PSI	Loss to Backflow:	2.24 PSI
Critical Station Pressure at P.O.C.	65 PSF	Critical Station Pressure at P.O.C.	39.29 PSF
Pressure Available:	65 PSF	Pressure Available:	65 PSF
Residual Pressure Available:	43.23 PSF	Residual Pressure Available:	20.23 PSF

**REFER TO UTILITY PLAN FOR PROPOSED &  
EXISTING UNDERGROUND UTILITIES**

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**REFER TO IRRIGATION NOTES & DETAILS  
SHEET FOR SPECIFICATIONS & DETAILS**

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**OPERATING DESIGN CAPACITY SHALL  
NOT EXCEED 5-FEET-PER-SECOND  
VELOCITY IN THE FULL-PIPE FLOW IN  
PIPELINES WITH VALVES OR OTHER  
FLOW CONTROL APPURTENANCE  
WITHIN THE SYSTEM.**

**KEEP THE WORKING PRESSURE AT  
ANY POINT AT OR BELOW 72  
PERCENT OF THE PRESSURE RATING  
OF THE IRRIGATION SYSTEM.**

IRRIGATION PLAN IS CONCEPTUAL. MAINLINE, LATERALS, HEADS, AND EQUIPMENT ARE SHOWN ON THE PLAN FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION RELATED ITEMS WITHIN LANDSCAPE OR PERVIOUS AREA AT BACK OF CURB, FRONT OF WALK, BACK OF WALK OR ADJACENT TO OTHER HARDSCAPE TO FACILITATE FUTURE LOCATIONS AND TO ENSURE PROTECTION FROM FUTURE DAMAGE. INSTALL ITEMS PER TO SPECS AND DETAILS.

THIS PLAN IS TO BE UTILIZED FOR IRRIGATION PURPOSES ONLY

SITE CIVIL AND CONSULTING ENGINEERING  
LAND SURVEYING  
PROGRAM MANAGEMENT  
LANDSCAPE ARCHITECTURE  
SUSTAINABLE DESIGN  
PERMITTING SERVICES  
TRANSPORTATION SERVICES

TM

The preparation, circulation and review of this drawing requires approval by all parties involved. The design shall be subject to change without notice.

GISELBERG

REVISIONS			
REV	DATE	COMMENT	DRAWN BY / CHECKED BY

Sunshine**811**

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*Check positive response codes before you dig!*

ISSUED FOR MUNICIPAL & AGENCY REVIEW & APPROVAL

This drawing is intended for municipal and/or agency review and approval. It is NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.

PROJECT No.: FLB240130-00-0A

DRAWN BY: GD

CHECKED BY: BW

DATE: 09/11/2024

CAD ID #: P-CIVL-JRRG

PROJECT:

PROP.  
SITE PLAN  
DOCUMENTS

FOR

POMPANO PICKLE, LLC

PROPOSED DEVELOPMENT

210-217 NE 3RD STREET  
POMPAHO BEACH, FL  
BROWARD COUNTY

BOHLER//

1900 NW CORPORATE BOULEVARD SUITE 101E  
BOCA RATON, FLORIDA 33431  
Phone: (561) 571-0280  
Fax: (561) 571-0281  
FLORIDA BUSINESS CERT. OF AUTH # 00 30780

A dashed circle representing the project area.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEaled BY BRETT MICHAEL WALDMAN, PLA ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED signed AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SHEET TITLE:  
**IRRIGATION PLAN**

SHEET NUMBER:  
**L-707**

ORG. DATE - 09/11/2024