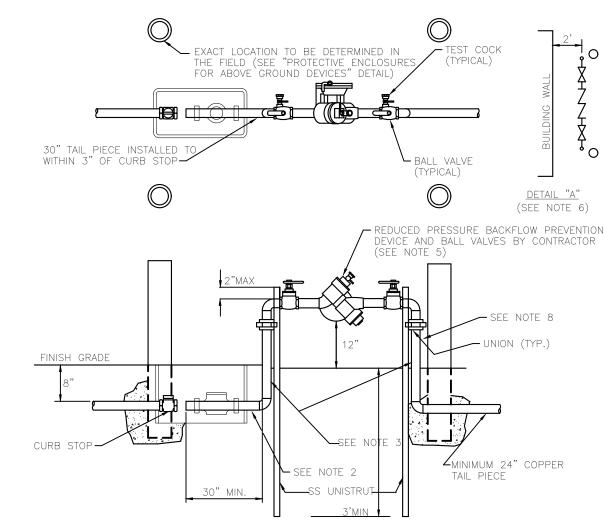


1- See irrigation legend for mainline size and type.
2- All sleeves shall be Sch. 40 PVC pipe.
3- All sleeves shall extend 12" beyond the edge of pavement.
4- End of sleeves shall be located with a wooden stake or PVC pipe. Locators shall run continuously from the end of the sleeve to finished grade.

PIPE BENEATH PAVEMENT

1 1/2" = 1'-0"

EX-IR-F



NOTES: (PLEASE REFER TO WRITTEN SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS)

- 1. TYPE "K" COPPER TUBING (SOFT DRAWN) OR POLYETHYLENE TUBING SDR 9 COPPER TUBE SIZE.
- 2. IF THIS DISTANCE IS LESS THAN 6 FEET ONLY COPPER TUBING SHALL BE PERMITTED.
- 3. BOTH RISERS SHALL BE TYPE "K" COPPER TUBING (HARD DRAWN) WITH COPPER/BRASS SOLDER FITTINGS AND ADAPTERS. ONLY LEAD FREE PIPE, FITTINGS, VALVES, SOLDER AND FLUX SHALL BE PERMITTED.
- 4. 1 1/2" AND 2" METER STOPS SHALL BE EQUIPPED WITH LOCKING CAPS AND METER FLANGES.
- 5. APPROVED BACKFLOW PREVENTION DEVICES WITH SILICONE RUBBER SEAL RINGS OR DISCS:
 A.) WATTS MODEL LF919 3/4" TO 2"
 B.) AMES MODEL LF400B 3/4" TO 2"
- D.) APOLLO MODEL RPLF 4A 3/4" TO 2"

 6. WHEN THE DEVICE IS INSTALLED PARALLEL TO A BUILDING WALL THERE SHALL BE A MINIMUM OF 2' BETWEEN THE EDGE OF THE DEVICE AND THE BUILDING WALL.
- 7. BACKFLOW PREVENTION DEVICE SHALL BE EQUIPPED WITH BALL VALVES.

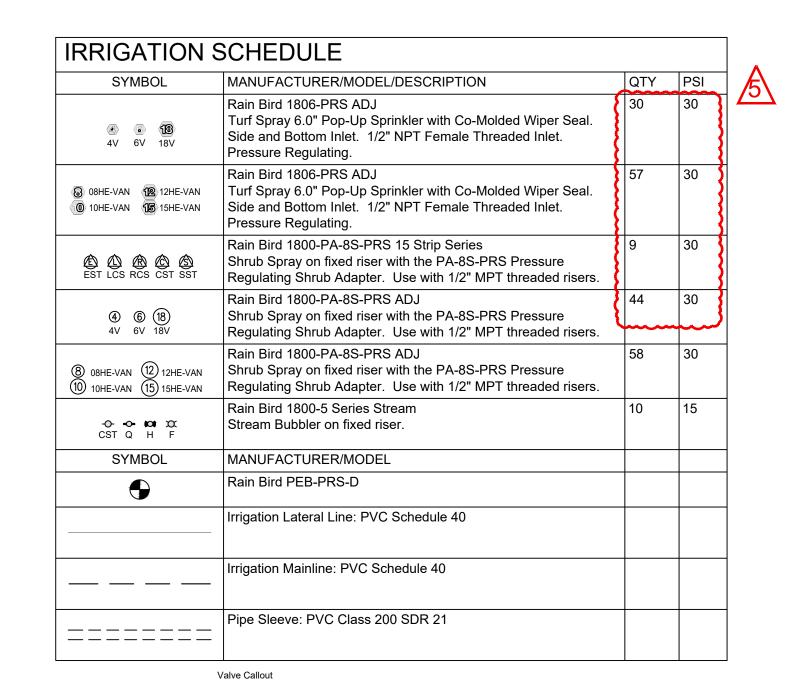
C.) WILKINS 975 XL2 3/4" TO 2"

- 8. BACKFLOW PREVENTION DEVICE SHALL BE SUPPORTED AT BOTH RISERS WITH A MINIMUM OF 2 1 5/8" STAINLESS STEEL UNISTRUTS. RISERS TO BE SECURED TO UNISTRUT WITH 304 STAINLESS STEEL MOUNTING HARDWARE AND 1/4" NEOPRENE
- INSULATORS BETWEEN ALL DISSIMILAR METALS.

 9. BACKFLOW DEVICES SHALL BE A MINIMUM OF 3' FROM BACK OF CURB.

Water Meter and Backflow Device - 3/4" to 2"

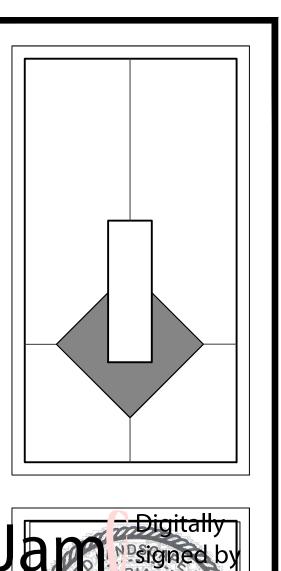
AUGUST 26, 2020 (Rev C-16)

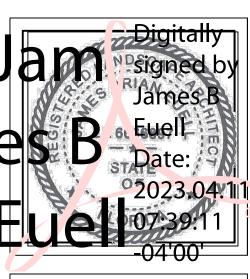


Valve Number

Valve Size

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 ANALYSIS	
Maximum Station Flow:	27.82 GPM
Flow Available at POC:	46.59 GPM
Residual Flow Available:	18.77 GPM
Critical Station:	1
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 Pressure at POC:	55.8 PSI
Pressure Available:	62 PSI
Residual Pressure Available:	6.15 PSI





LAKE PARK KITCHENS AKA

CCEANA COFFEE

1301 10th. STREET

LAKE PARK, FL 33403

DISTRIBUTION: DATE:

SITE PLAN MODIFICATION 03-15-23

DRAWING NAME:
IRRIGATION
DETAILS

DRAWING NUMBER: