

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	4	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1806-U-PRS U8 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	8	30
▲	Rain Bird 1806-U-PRS 15 Strip Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	25	30
⊙ ⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1806-U-PRS U10 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	3	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT Q F	Rain Bird 1806-U-PRS U12 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	19	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT Q F	Rain Bird 1806-U-PRS U15 Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	10	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1806-U-PRS HE-VAN Series Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating.	23	30
▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1812-PRS-U 15 Strip Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	43	30
⊙ ⊙ ⊙ ⊙ Q T H F	Rain Bird 1812-PRS-U U8 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	33	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT Q F	Rain Bird 1812-PRS-U U12 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	12	30
⊙ ⊙ ⊙ ⊙ ⊙ ⊙ Q T H TT Q F	Rain Bird 1812-PRS-U U15 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	9	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1812-PRS-U HE-VAN Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. With Pressure Regulating Device.	± 22	30
▲ ▲ ▲ ▲ 1401 1402 1404 1408	Rain Bird 1800-1400 Flood Fixed flow rate 0.25 GPM - 2.0 GPM, full circle bubbler, 1/2in. FIPT.	AS NEEDED 37	30
⊙	Rain Bird PGA Angle 1in., 1-1/2in., 2in. Electric Remote Control Valve, Angle.	9	
⊙	Point of Connection Existing Irrigation Meter	1	
—	Irrigation Lateral Line: PVC Class 200 SDR 21	4,106 lf	
—	Irrigation Mainline: PVC Schedule 40	359.8 lf	
—	Pipe Sleeve: PVC Schedule 40	73.3 lf	

- IRRIGATION CONNECTIONS TO EXISTING SYSTEM
- THE IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR.
 - SYSTEM LAYOUT SHOWN IS FOR PERMITTING PURPOSES ONLY. THIS SCHEMATIC LAYOUT RELIES ON THE IRRIGATION CONTRACTOR TO DETERMINE ZONE-BY-ZONE FUNCTIONALITY OF EXISTING SYSTEM AND THE FIELD REPAIRS AND ADJUSTMENTS NECESSARY TO PROVIDE COVERAGE TO NEW AND EXISTING PLANT MATERIAL.
 - CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR OPERATING PARAMETERS OF THE EXISTING SYSTEM.
 - CONTRACTOR SHALL VERIFY CONTROLLER AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH PROPERTY OWNER.
 - COORDINATE SYSTEM INSTALLATION WITH PLANTING PLAN FOR PLANTER BED LOCATIONS AND TREE LOCATIONS.
 - ALL WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE.
 - IF THE MASTER SYSTEM CANNOT PROVIDE A FUNCTIONAL SYSTEM THAT MEETS THE PARAMETERS OUTLINED IN THESE PLANS, CONTRACTOR SHALL MAKE ADJUSTMENTS TO THE DESIGN BY ADDING CONTROL VALVES, MAINLINE, AND LATERALS.
 - VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY THEIR LOCATION.
 - ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED, WHERE ELECTRIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT. ALL SLEEVES SHALL BE SIZED TWO PIPE SIZES GREATER THAN PIPE IT CARRIES.
 - CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.
 - CONTROLLER LOCATION IS UNKNOWN AT THE TIME OF PREPARING THIS PLAN. CONTRACTOR TO VERIFY LOCATION AND PROVIDE EXPANSION MODULE(S) AS NECESSARY TO ADD VALVES SHOWN.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PGA Angle	1-1/2"	Turf Spray	32.43		37.0	38.7	1.39 in/h
2	Rain Bird PGA Angle	1-1/2"	Turf Spray	30.52		36.0	37.5	1.02 in/h
3	Rain Bird PGA Angle	1-1/2"	Shrub Spray	30.5		37.3	38.7	1.49 in/h
4	Rain Bird PGA Angle	1"	Bubbler	16.5		37.3	38.9	1.7 in/h
5	Rain Bird PGA Angle	1"	Turf Spray	26.29		36.8	40.5	1.31 in/h
6	Rain Bird PGA Angle	1"	Shrub Spray	16.36		40.8	42.3	1.27 in/h
7	Rain Bird PGA Angle	1"	Turf Spray	29.55		39.0	43.4	1.29 in/h
8	Rain Bird PGA Angle	1"	Shrub Spray	28.7		40.4	44.4	1.26 in/h
9	Rain Bird PGA Angle	1"	Shrub Spray	25.75		40.2	43.3	1.3 in/h

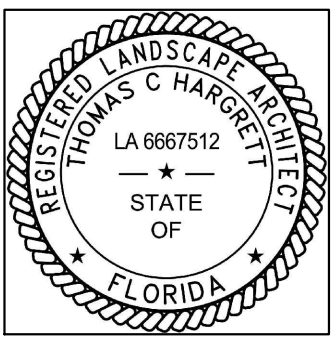
PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL INSTALL ALL IRRIGATION EQUIPMENT IN LANDSCAPE OR TURF AREAS WITHIN PROJECT LIMITS.

IRRIGATION SYSTEM NOTES

- CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
- IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
- ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
- IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.
- THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH A SOURCE PROVIDING 35 GPM AT 45 PSI.
SPRAY HEAD DESIGN PRESSURE: 30 PSI
BUBBLER DESIGN PRESSURE: 30 PSI
- BUBBLERS SHALL BE PROVIDED FOR ALL NEW AND TRANSPLANTED TREES & PALMS.
- A RUST FREE, AUTOMATIC UNDERGROUND IRRIGATION SYSTEM INSTALLED IN ACCORDANCE WITH REQUIREMENTS OF THE BUILDING CODE, INCLUDE A RAIN-SENSING CUTOFF DEVICE, PROVIDING 100% COVERAGE WITH 50% OVERLAP, AND REUSE WATER WHEREVER PRACTICABLE AND AVAILABLE.

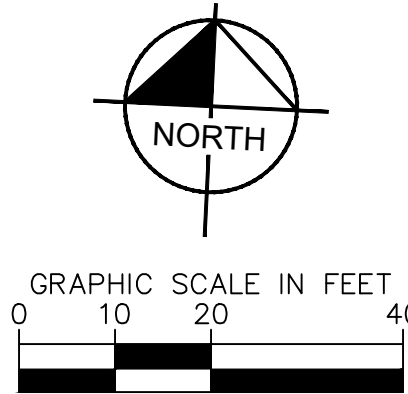
PLANS ARE IN NAVD 1988 DATUM
CONVERSION EQUATION IS BELOW:
(NAVD 1988) + 1.58' = (NGVD 1929)

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE AND OBTAINING ALL NECESSARY PERMITS.



THE ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY TOM HARGRETT 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.



CYPRESS LANDING
CONDOMINIUM PARKING
LOT
PREPARED FOR
CITY OF POMPANO BEACH
POMPANO BEACH, FL

IRRIGATION PLAN

LICENSED PROFESSIONAL
KHA PROJECT
044203010
DATE
OCT. 2025
SCALE AS SHOWN
DESIGNED BY TVC
DRAWN BY TVC
CHECKED BY GB
THOMAS C. HARGRETT, P.E.
FL LICENSE NUMBER
LA #6667512
DATE: 10/13/2025

Kimley»Horn
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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

NO.	REVISIONS	DATE	BY

Always call 811 two full business days before you dig to have underground utilities located and marked.



SHEET NUMBER
L2.00