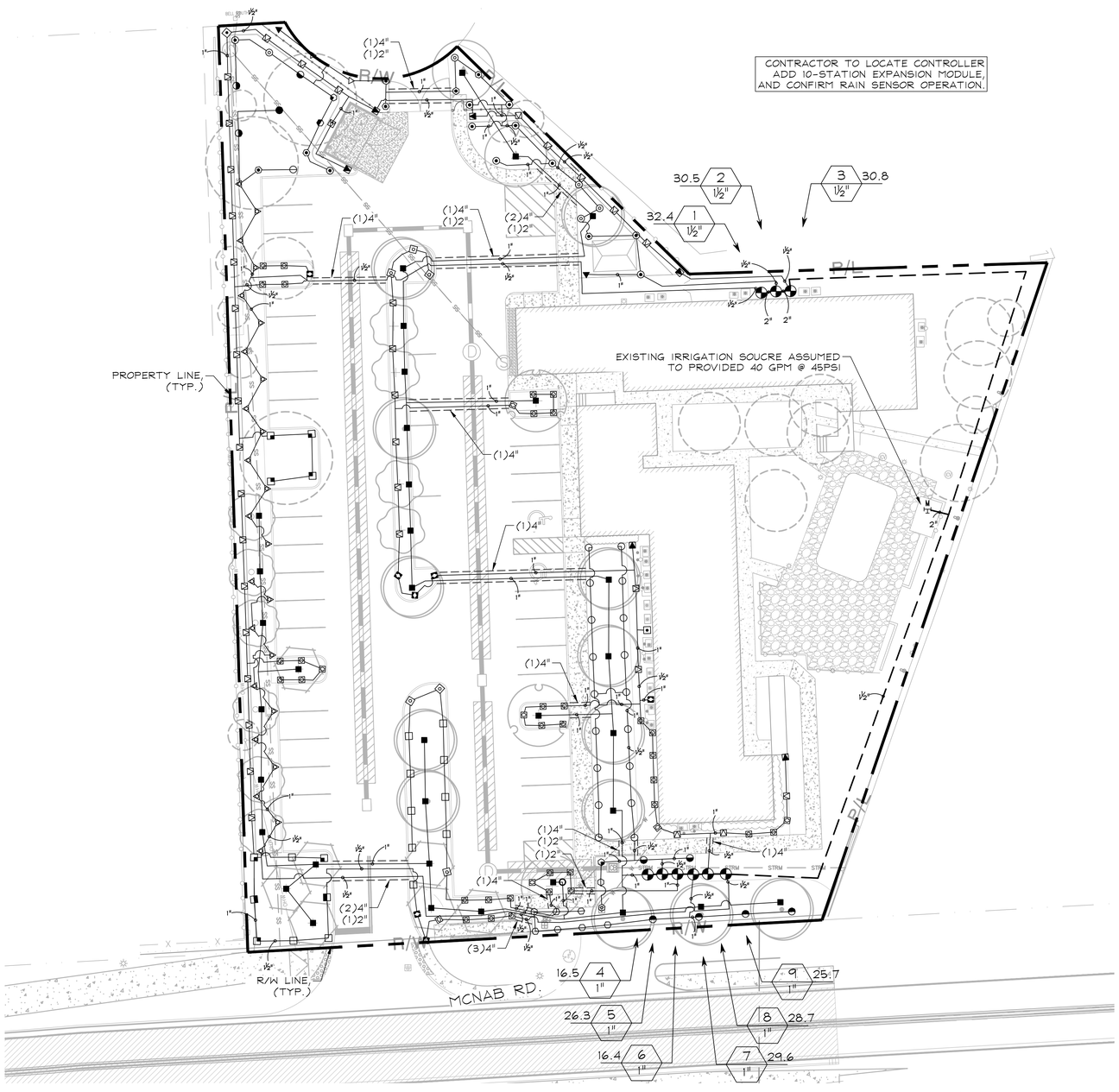

PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL INSTALL ALL IRRIGATION EQUIPMENT IN LANDSCAPE OR TURF AREAS WITHIN PROJECT LIMITS.

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	30.8		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

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 TQ 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 TQ 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 TQ 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 TQ 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.	35	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	RAIN BIRD PGA ANGLE 1IN., 1-1/2IN., 2IN. ELECTRIC REMOTE CONTROL VALVE, ANGLE.	9
M	POINT OF CONNECTION EXISITNG IRRIGATION METER	1
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21	±3,993 LF
	IRRIGATION MAINLINE: PVC SCHEDULE 40	±359.8 LF
	PIPE SLEEVE: PVC SCHEDULE 40	AS NEEDED

Valve Callout
- Valve Number
- Valve Flow
- Valve Size

Sleeve Callout
- Number of Sleeves
- Sleeve Size

REFER TO DETAILS ON SHEETS L2.50, L2.51, & L2.52.

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

IRRIGATION SYSTEM NOTES

1. CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. 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.
3. ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
4. 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.
5. 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.
6. 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

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

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.

Always call 811 two full business days before you dig to have underground utilities located and marked.
Sunshine811.com

DRC
DRC25-12000005
04/16/2025

No.	REVISIONS	DATE	BY
1	DRC SUBMITTAL	02/12/25	TVC

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

Thomas C Hargrett
Digitally signed by Thomas C Hargrett
DN: CN=Thomas C Hargrett, O=Kimley-Horn and Associates, Inc., OU=Florida, E=tom.hargrett@kimley-horn.com, C=US
Date: 2025.12.12 11:49:47 -05'00'

DATE: 02/12/2025

KHA PROJECT	044203010
DATE	FEB 2025
SCALE	AS SHOWN
DESIGNED BY	TVC
DRAWN BY	TVC
CHECKED BY	GB

IRRIGATION PLAN

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

SHEET NUMBER
L2.00

Plotted By:Hargrett, Tom Sheet Set:CYPRESS LANDING CONDOMINIUM PARKING LOT Layout:L2.00 IRRIGATION PLAN February 12, 2025 05:45:16pm K:\FTL_Civil\044 Jobs\044203010-Cypress Nook\CAD\Plansheets - Cypress Nook\L2.00 IRRIGATION PLAN.dwg
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