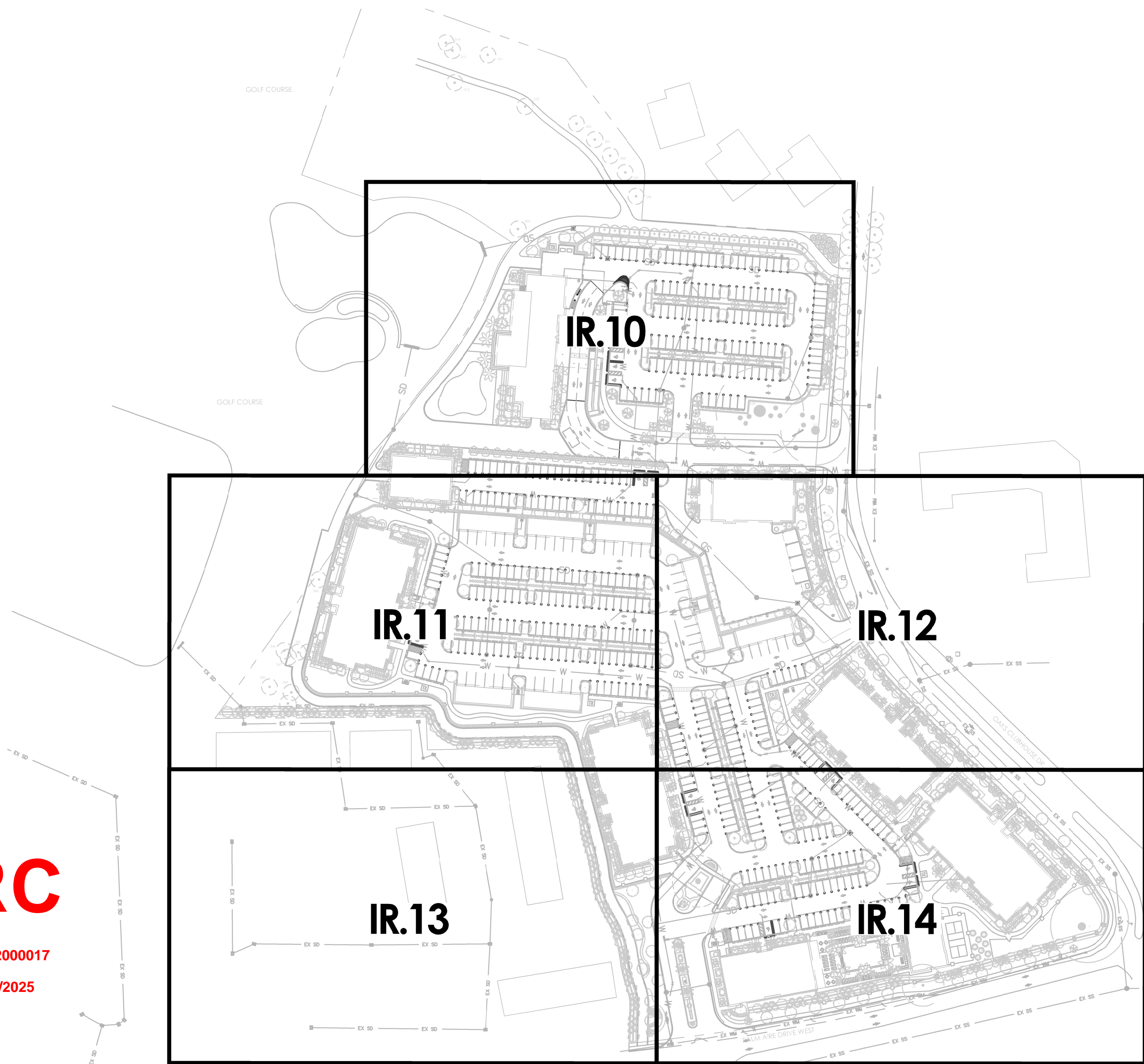


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PZ23-12000017

03/05/2025

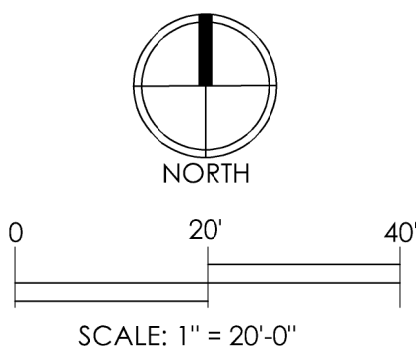


IRRIGATION 60% PLAN NOTES:

- IRRIGATION ADJACENT TO BUILDINGS TO BE SHOWN ON NEXT SUBMITTAL ONCE BUILDING FOOTPRINTS AND LANDSCAPING IS FINALIZED. IRRIGATION SHALL PROVIDE 100% HEAD TO HEAD COVERAGE.
- DRIP IRRIGATION SHALL BE UTILIZED IN THE SMALL BEDS AROUND THE POOL
- ALL TREES SHALL RECEIVE BUBBLERS.
- PUMP FLOW AND PRESSURE REQUIRED IS BASED ON A PARTIAL DESIGN AND COULD CHANGE ON NEXT SUBMITTAL.
- SLEEVES SHALL BE SHOWN ON NEXT SUBMITTAL

IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM
	Rain Bird 1806-SAM-PRS 15EST	199	EST	30	0.61
	Rain Bird 1806-SAM-PRS 155ST	358	SST	30	1.21
	Rain Bird 1806-SAM-PRS 08H	389	180	30	0.52
	Rain Bird 1806-SAM-PRS 08Q	217	90	30	0.26
	Rain Bird 1806-SAM-PRS 10F	15	360	30	1.58
	Rain Bird 1806-SAM-PRS 10H	126	180	30	0.79
	Rain Bird 1806-SAM-PRS 10Q	91	90	30	0.39
	Rain Bird 1806-SAM-PRS 12F	14	360	30	2.37
	Rain Bird 1806-SAM-PRS 12H	208	180	30	1.3
	Rain Bird 1806-SAM-PRS 12Q	44	90	30	0.65
	Rain Bird 1806-SAM-PRS 15F	10	360	30	3.7
	Rain Bird 1806-SAM-PRS 15H	95	180	30	1.85
	Rain Bird 1806-SAM-PRS 15Q	111	90	30	0.92
	Rain Bird 1806-SAM-PRS 08V	18	Adj	30	≤ 2.88
	Rain Bird 1806-SAM-PRS 10V	11	Adj	30	≤ 2.99
	Rain Bird 1806-SAM-PRS 12V	70	Adj	30	≤ 2.38
	Rain Bird 1806-SAM-PRS 15V	84	Adj	30	≤ 3.67
	Rain Bird 1806-SAM-PRS 18V	24	Adj	30	≤ 5.33
	Rain Bird 1812-SAM-PRS 15EST	259	EST	30	0.61
	Rain Bird 1812-SAM-PRS 155ST	340	SST	30	1.21
	Rain Bird 1812-SAM-PRS 08H	262	180	30	0.52
	Rain Bird 1812-SAM-PRS 08Q	70	90	30	0.26
	Rain Bird 1812-SAM-PRS 10F	2	360	30	1.58
	Rain Bird 1812-SAM-PRS 10H	110	180	30	0.79
	Rain Bird 1812-SAM-PRS 10Q	52	90	30	0.39
	Rain Bird 1812-SAM-PRS 12H	33	180	30	1.3
	Rain Bird 1812-SAM-PRS 12Q	23	90	30	0.65
	Rain Bird 1812-SAM-PRS 15F	2	360	30	3.7
	Rain Bird 1812-SAM-PRS 15H	52	180	30	1.85
	Rain Bird 1812-SAM-PRS 15Q	21	90	30	0.92
	Rain Bird 1812-SAM-PRS 08V	4	Adj	30	≤ 2.88
	Rain Bird 1812-SAM-PRS 10V	4	Adj	30	≤ 2.99
	Rain Bird 1812-SAM-PRS 12V	14	Adj	30	≤ 2.38
	Rain Bird 1812-SAM-PRS 15V	17	Adj	30	≤ 3.67
	Rain Bird 1812-SAM-PRS 18V	8	Adj	30	≤ 5.33
SYMBOL	MANUFACTURER/MODEL	QTY		PSI	GPM
	Hunter PGP-ADJ 02	13		40	0.8
	Hunter PGP-ADJ 04	13		40	1.4
	Hunter PGP-ADJ 06	2		40	2.4
	Hunter PGP-ADJ 08	1		40	3.7
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	Nibco T-113 Class 125 bronze gate shut off valve with wheel handle, same size as mainline pipe diameter at valve location. Size Range - 1/4in. - 3in.	1			
	Clubhouse Pump: Watertronics prefabricated centrifugal pump station (model/size to be determined) with a variable frequency drive utilizing the adjacent lake as the water source. Pump power shall be a minimum of 230w/3ph.	1			
	Residential Pump: Watertronics prefabricated centrifugal pump station (model/size to be determined) with a variable frequency drive utilizing the adjacent lake as the water source. Pump power shall be a minimum of 230w/3ph.	1			
	Clubhouse Controller: Rain Bird ESPLXME2-LXMM-LXMMPED w/ (1) ESPLXVSM 12-24 Station, Traditionally-Wired, Commercial Controller;(1) ESPLXME2 12-Station, Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (1) ESPLXVSM 12 - 12-Station Expansion Module. Install in LXMM-LXMMPED Powder Coated, Metal Wall-Mounted Cabinet w/ Pedestal	1			
	Residential Controller: Rain Bird ESPLXME2-LXMM-LXMMPED w/ (2) ESPLXVSM 12-36 Station, Traditionally-Wired, Commercial Controller;(1) ESPLXME2 12-Station, Indoor/Outdoor, Plastic Wall-Mount Enclosure w/ (2) ESPLXVSM 12 - 12-Station Expansion Modules. Install in LXMM-LXMMPED Powder Coated, Metal Wall-Mounted Cabinet w/ Pedestal	1			
	Rain Bird RSD-BEx Rain Sensor, with metal latching bracket, extension wire.	2			
	Irrigation Mainline: Class 200 PVC with solvent weld Schedule 40 PVC fittings (size to be determined on next submittal)	5,114	If		



LOCATION MAP



Consultants:

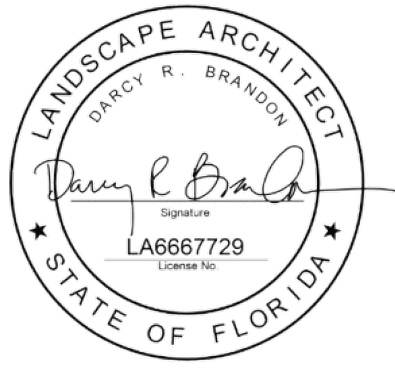


Revisions:

01/29/2025 60% Submittal

THE OAKS AT PALM AIRE
Pompano Beach, Florida

MORGUARD



ALWAYS CALL 811 TWO FULL BUSINESS DAYS BEFORE YOU DIG TO HAVE UNDERGROUND UTILITIES LOCATED AND MARKED.



Drawn By: JJ/JK
Drawing #: 1272
File Name: Palm Aire_IR.dwg
Date: 01/29/2025

IRRIGATION PLAN
KEY SHEET

SHEET #: IR.01