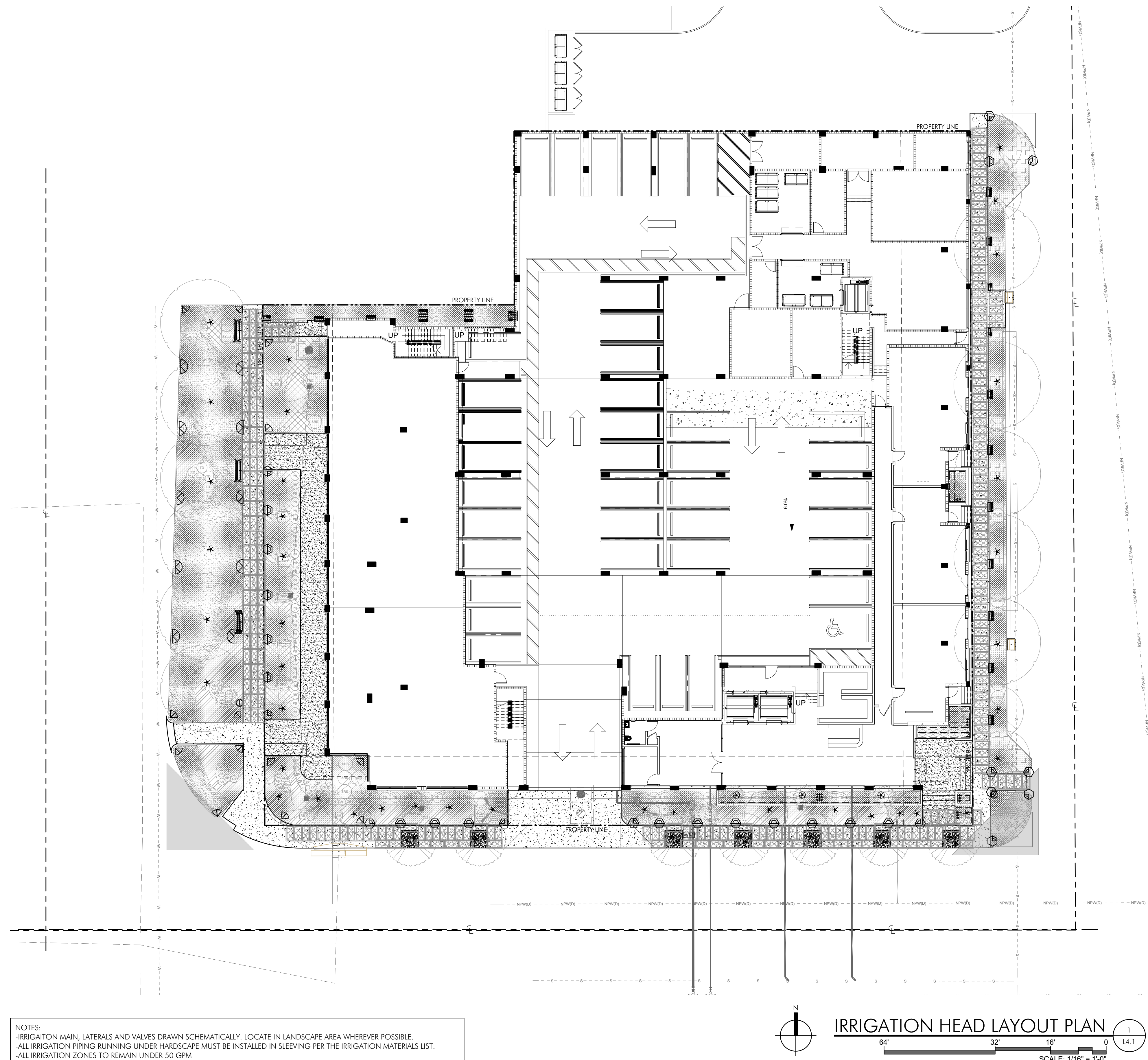


KEY	ITEM	QTY.
	PVC laterals shall be Class 200 PVC (sized as shown on plans)	as required
	MAIN shall be Class 200 PVC	as required
	Bubbler Zone Piping	as required
	PVC sleeves be Class 200 PVC (sized double the width of the pipe running through it)	as required
	Flexible PVC or Polypipe (for swing joints)	as required
WM	WATER METER (See Civil Plans)	1
EC	Electric Controller RAINBIRD ESP-LXME2 Series Controller	1
Δ	Rainbird RSD Series Rain Sensor (locate in area of free rainfall)	1
⊕	RAINBIRD 200-PESB 2" Electromechanical Solenoid Control Valve	as required
	Irrigation Control Wire	as required
▼	Rainbird 1" Inline Pressure Regulator (PSI-M40X-100)(drip zones not to exceed 40psi max)	as required
	RAINBIRD XFS Subsurface Dripperline XFS-09-12-500/250/100 Air/Vacuum Relief Valves Kit (3/4" Air relief valve/ Easy Fit Compression Tee/ and Flush Cap)	as required
■	Commerical High Flow Control Zone Kit XCZ-150-LCS (15-62 gpm)	1
⋈	RAINBIRD 3-RC Quick Coupler Valve	3
≡≡	PVC Supply Header for dripperline Class 200 PVC	as required
⊗	RAINBIRD Xeri-Bubbler UXB-360-1032 (.6 gpm)	3
✱	RAINBIRD 1300A-F Adjustable Flood Bubbler 1300A-F (1.5 gpm)	53
	RAINBIRD Rotary Spray Heads 17'-24' radius R-VAN 24 Series @ 40 PSI 6" pop-up in grass areas 12" pop-up on risers in shrub beds	as required
⊗	24 (180°) (1.54 gpm)	
⊗	24 (120°) (1.0 gpm)	
⊗	24 (90°) (.77 gpm)	
	RAINBIRD Rotary Spray Heads 13'-18' radius R-VAN 18 Series @ 40 PSI 6" pop-up in grass areas 12" pop-up on risers in shrub beds	as required
⊗	18-(180°) (.98 gpm)	
⊗	18-(120°) (.6 gpm)	
⊗	18-(90°) (.5 gpm)	
	RAINBIRD Rotary Spray Heads 8'-14' radius R-VAN 14 Series @ 40 PSI 6" pop-up in grass areas 12" pop-up on risers in shrub beds	
⊗	14-360 (1.22 gpm)	
⊗	14 (270°) (.92 gpm)	
⊗	14-(180°) (.61 gpm)	
⊗	14-(120°) (.4 gpm)	
⊗	14-(90°) (.31 gpm)	
	RAINBIRD Rotary Spray Heads 8'-14' radius R-VAN Series Strip Nozzles @ 40 PSI	
■	15-sst (.48 gpm)	
■	15-lcs (.24 gpm)	
■	15-rs (.24 gpm)	

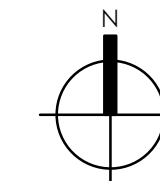
The Contractor is responsible to properly size all laterals. All laterals shall be sized according to the following schedule. Total gallonage per pipe section shall be calculated by adding the GPM per head for every head downstream of the pipe.

SIZE	GPM
3/4"	0-8 GPM
1"	8-14 GPM
1 1/4"	14-24 GPM
1 1/2"	24-32 GPM
2"	32-50 GPM
2 1/2"	50-75 GPM
3"	60-110 GPM
4"	110-190 GPM



NOTES:

- IRRIGATION MAIN, LATERALS AND VALVES DRAWN SCHEMATICALLY. LOCATE IN LANDSCAPE AREA WHEREVER POSSIBLE.
- ALL IRRIGATION PIPING RUNNING UNDER HARDSCAPE MUST BE INSTALLED IN SLEEVING PER THE IRRIGATION MATERIALS LIST.
- ALL IRRIGATION ZONES TO REMAIN UNDER 50 GPM
- IRRIGATION SYSTEM IS TO BE RUST FREE AND PROVIDE 100% COVERAGE WITH 50% OVERLAP.



IRRIGATION HEAD LAYOUT PLAN

SCALE: 1/16" = 1'-0"

L4.

17670 NW 78th AVE., SUITE 214
M I A M I, F L 3 3 0 1 5
P 305.392.1016 F 305.392.1019
C O R P. I D # 0 0 0 0 2 6 6

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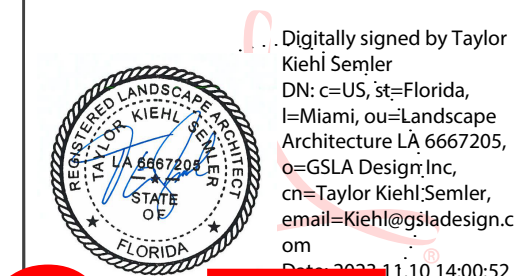
200 NORTH
200 NORTH FEDERAL HIGHWAY
POMPAHO BEACH, FL 33009



REV.		
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TITLE

IRRIGATION HEAD
LAYOUT PLAN



FL LA #1569
FL LA #6667205
3.01.2023

3.01.2023

_____ as noted

P&Z
PZ23-12000052
04/24/2024

L4.1