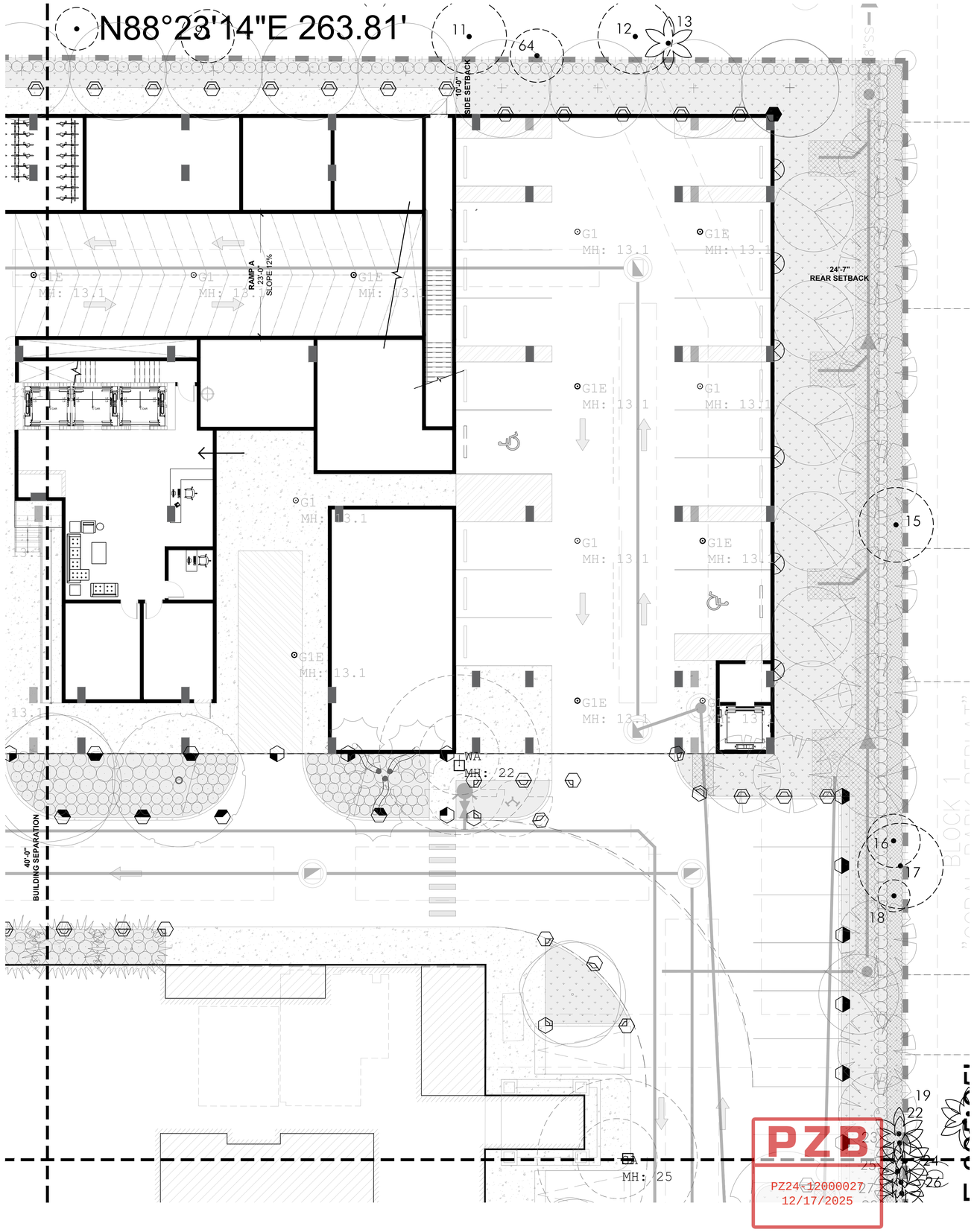

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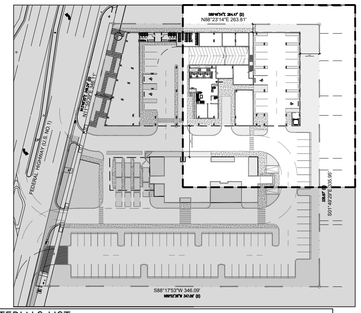
12/17/2025

KEY:



IRRIGATION MATERIALS LIST

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 shall be Class 200 PVC (sized double the width of the pipe within, installed wherever pipe runs under hardscape)	as required
	Flexible PVC or Polypipe (for swing joints)	as required
WM	Water Meter and Backflow Prevention Assembly (See Civil Plans)	1
EC	Electric Controller RAINBIRD ESP Series Controller	1
	Rainbird RSD Series Rain Sensor (locate in area of free rainfall)	1
	RAINBIRD 200-PESB 2" Electromechanical Solenoid Control Valve	#
	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/Vaccum Relief Valves Kit (3/4" Air relief valve/ Easy Fit Compression Tee/ and Flush Cap)	as required
	Commercial Wide Flow Control Zone Kit (XCZ-100-PRB-LC) (0.3-20 gpm)	as required
	RAINBIRD 3-RC Quick Coupler Valve	as required
	PVC Supply Header for dripplerline Class 200 PVC	as required
	RAINBIRD Xeri-Bubbler UXB-360-1032 (.6 gpm)	as required
	RAINBIRD Xeri-Spray Adjustable mister 360 ADJMST (.1 gpm) (install into dripline with Xeri-bug drip emitters for spray into bromeliad cups)	as required
	RAINBIRD 1300A-F Adjustable Flood Bubbler 1300A-F (1.5 gpm)	as required
	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
	24-360 (3.13 gpm)	
	24 (270°) (2.31 gpm)	
	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
	18-360 (1.8 gpm)	
	18 (270°) (1.42 gpm)	
	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-rcs (.24 gpm)	

IRRIGATION PLAN - GROUNDFLOOR

SCALE: 1" = 10'

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11/19/2025

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SEAL

Digitally signed by Ken Gardner
DN: c=US, st=Florida, serialNumber=AATL20240208335601, o=GSLA Design, cn=Ken Gardner, email=ken@gsladesign.com
Date: 2025.08.08 14:17:24 -04'00'

KEN GARDNER
FL LA 1569

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM REQUIREMENTS OF THE FLORIDA BUILDING CODE AND FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND 633 FLORIDA STATUTES

Professionals

idea Architect
FLYNN ENGINEERING
GSLA DESIGN

REV.	DATE	DESCRIPTION
01	XX-XX-2024	D.R.C SUBMITAL

ALL MEASUREMENTS MUST BE VERIFIED BEFORE BEGINNING THE WORKS. NO MEASUREMENTS ARE TO BE SCALED DIRECTLY FROM THIS DRAWING.

Key section

PROGRESS SET

Client

VERA FUND
NICK POLYUSHKIN
& YURI KHARITONENKOV
TEL: 305.833.3303

Project

1600 S FEDERAL HIGHWAY (MIXED-USE PROJECT)
1600 SOUTH FEDERAL HIGHWAY, POMPANO BEACH, FL 33062

Title

IRRIGATION PLAN GROUNDFLOOR

Drawn	GSLA
Field	LANDSCAPE ARCH
Verified	KG
Scale	as shown
Approved	KG
Date	10-09-2024
Project Manager	KG
Project	24-838
Dwg. no.	L-302