RETURN to:
City Attorney's Office
200 N.W. 1st Avenue
Delray Beach, FL 33444

PCN: 12-43-46-16-R3-001-0000
Address: 318 SE 5th Avenue

LANDSCAPE MAINTENANCE AGREEMENT

THIS AGREEMENT is made this ____ day of _____, 20__ by and between the **City of Delray Beach**, a Florida municipal corporation of the State of Florida ("City"), whose address is 100 NW 1st Avenue, Delray Beach, Florida 33444 ("City") and **318 SE 5th, LLC**, whose address is 6001 Broken Sound Parkway, Suite 503, Boca Raton, Florida 33487 ("Owner").

W I T N E S S E T H:

WHEREAS, to provide landscaping in the City, the City Commission has adopted ordinances setting forth requirements for landscaping; and,

WHEREAS, the Owner owns a parcel of land with a street address of 318 SE 5th Avenue, Delray Beach, Florida 33483 (the "Property"), as more particularly described in Exhibit "A", attached hereto and incorporated herein; and

WHEREAS, to comply with the City's landscape Ordinance, Owner shall be allowed to install landscaping material within the right-of-way of SE 3rd Street ("ROW Area"), pursuant to the terms of this Agreement; and,

WHEREAS, this Agreement shall in no way be deemed an actual, constructive or any other type of abandonment by the City of the public right-of-way of SE 3rd Street; and,

WHEREAS, the City reserves the right at any time to utilize the right-of-way for right-of-way purposes; and,

WHEREAS, the public will benefit from the beautification of areas along its streets by the addition of landscaping; and,

WHEREAS, this Agreement is not effective unless the Owner has submitted a landscape plan and it has been approved by the City; and,

WHEREAS, the parties hereto mutually recognize the need for entering into an Agreement designating and setting forth the responsibilities of each party.

NOW, THEREFORE, in consideration of the mutual covenants and conditions contained in this Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. The Parties hereby represent and warrant that the above recitals are accurate and correct and hereby incorporate them in this Agreement.

2. The Owner shall perform all conditions as required by the City or any Board of the City in conjunction with the site plan and review process for the required installation and maintenance of the landscaping. The subject property, described in Exhibit "A", shall have an approved landscape plan, attached hereto and incorporated herein as Exhibit "B".

3. The Owner shall be responsible for purchasing and installing all plant, tree, hedge or grass material or any other material as required by the Owner's approved landscaping plan. Owner shall further be responsible for obtaining all permits and approvals from all applicable governmental agencies.

4. The Owner hereby agrees to maintain the plantings in the right-of-way in accordance with the City's Ordinances and the terms and conditions of this Agreement. The Owner shall be responsible to maintain, which means the proper watering and proper fertilization of all plants and keeping them as free as practicable from disease and harmful insects; to properly mulch the plant beds; to keep the premises free of weeds; to mow and/or cut the grass to a proper height; to properly prune all plants which includes (1) removing dead or diseased parts of plants, or (2) pruning such parts thereof which present a visual hazard for those using the roadway. To maintain also means removing or replacing dead or diseased plants in their entirety or removing or replacing those that fall below original project standards. All plants removed for whatever reason shall be replaced by plants of the same grade, not necessarily the same plant but of acceptable quality to the City and the Owner, as specified in the original plans and specifications and of a size comparable to those existing at the time of replacement. To maintain also means to keep litter removed from the landscaped areas in the right-of-way. Plants shall be those items which would be scientifically classified as plants and include but are not limited to trees, grass, or shrubs.

5. If at any time after the execution of this Agreement by the Owner, it shall come to the attention of the City that the landscaping is not properly maintained pursuant to the terms and conditions of this Agreement then the City may at its option issue a written notice that a deficiency or deficiencies exist, by sending a certified letter to the Owner. Thereafter, the Owner shall have a period of thirty calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the City may at its option, proceed as follows:

(a) Maintain the landscaping or part thereof and invoice the Owner for expenses incurred.

(b) Terminate this Agreement and require the Owner to comply with the City's current Ordinance on landscaping.

(c) Cite the Owner for failure to comply with the City's Ordinances.

6. At all times hereto, the Owner shall own and maintain all landscaping installed in the ROW Area.

7. If for any reason the City decides that it needs the right-of-way of SE 3rd Street for any public purpose this Agreement shall terminate, and the Owner shall be required to comply with the City's current Code of Ordinances regarding landscape requirements. Owner shall remove all landscaping from the right-of-way within 20 days of such notification, if so, requested by the City.

8. Owner shall at all times hereafter indemnify, hold harmless and, at the City's option, defend or pay for an attorney selected by the City Attorney to defend City, its officers, agents, servants, and employees from and against any and all causes of action, demands, claims, losses, liabilities and expenditures of any kind, including attorney fees, court costs, and expenses, caused or alleged to be caused by any intentional or negligent act of, or omission of, Owner, its employees, agents, servants, or officers, or accruing, resulting from, or related to the subject matter of this Agreement including, without limitation, any and all claims, losses, liabilities, expenditures, demands or causes of action of any nature whatsoever resulting from injuries or damages sustained by any person or property. In the event any lawsuit or other proceeding is brought against City by reason of any such claim, cause of action or demand, Owner shall, upon written notice from City, resist and defend such lawsuit or proceeding by counsel satisfactory to City or, at City's option, pay for an attorney selected by City Attorney to defend City. The

provisions and obligations of this section shall survive the expiration or earlier termination of this Agreement.

9. This Agreement shall constitute the entire Agreement of the parties with respect to the subject matter of it. All prior understandings and agreements between the parties with respect to such matters are merged into this Agreement, which alone fully and completely expresses their understanding.

10. Upon conveyance of the subject property to any future owner, this Agreement shall be deemed automatically assigned by the Owner to any such future owner of the subject property, and such future owner shall be deemed to have assumed all the Owner's obligations hereunder. This Agreement may not otherwise be assigned or transferred by the Owner, in whole or part, without the written consent of the City.

11. This Agreement shall be binding on the Parties, their respective heirs, successors, legal representatives, and permitted assigns and shall be recorded in the Public Records of Palm Beach County and shall run with the land.

12. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida.

13 Any notice or communication under this Agreement shall be in writing and may be given by registered or certified mail. If given by registered or certified mail, the notice or communication shall be deemed to have been given and received when deposited in the United States Mail, properly addressed, with postage prepaid. If given otherwise, then by registered or certified mail, it should be deemed to have been given when delivered to and received by the party to whom it is addressed. The notices and communication shall be given to the particular parties at the following addresses:

City: City Manager
City of Delray Beach
100 N.W. 1st Avenue
Delray Beach, Florida 33444

Owner: 318 SE 5th, LLC
6001 Broken Sound Parkway NW
Suite 503
Boca Raton, Florida 33487

Either party may at any time by giving ten (10) days written notice designate any other person or entity or any other address in substitution of the foregoing to which the notice or communication shall be given.

IN WITNESS WHEREOF, the City and the Owner executed this Agreement as of the day and year first above written

WITNESSES:

Signature

Cara Ferreira

Name

22588 Meridiana Dr
Boca Raton FL 33433

Address

Signature

Edwin Muller

Name

9900 Dahlia Avenue
Palm Beach Gardens, FL 33410

Address

OWNER

By:

Name: David Rowley

Title: owner

for

Company: 318 SE 5th, LLC

Date: 7/1/2025

STATE OF FL
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 1 day of July, 2025, by David Rowley (name of person), as owner (type of authority) for 318 SE 5th, LLC (name of party on behalf of whom instrument was executed).

Personally known X OR Produced Identification ___
Type of Identification Produced _____

Notary Public – State of FL

CARA IVY FERREIRA
Notary Public - State of Florida
Commission # HH 403306
My Comm. Expires Jun 1, 2027
Bonded through National Notary Assn.

ATTEST:

CITY OF DELRAY BEACH, FLORIDA

_____
Alexis Givings, City Clerk

By: _____
Thomas F. Carney, Jr., Mayor

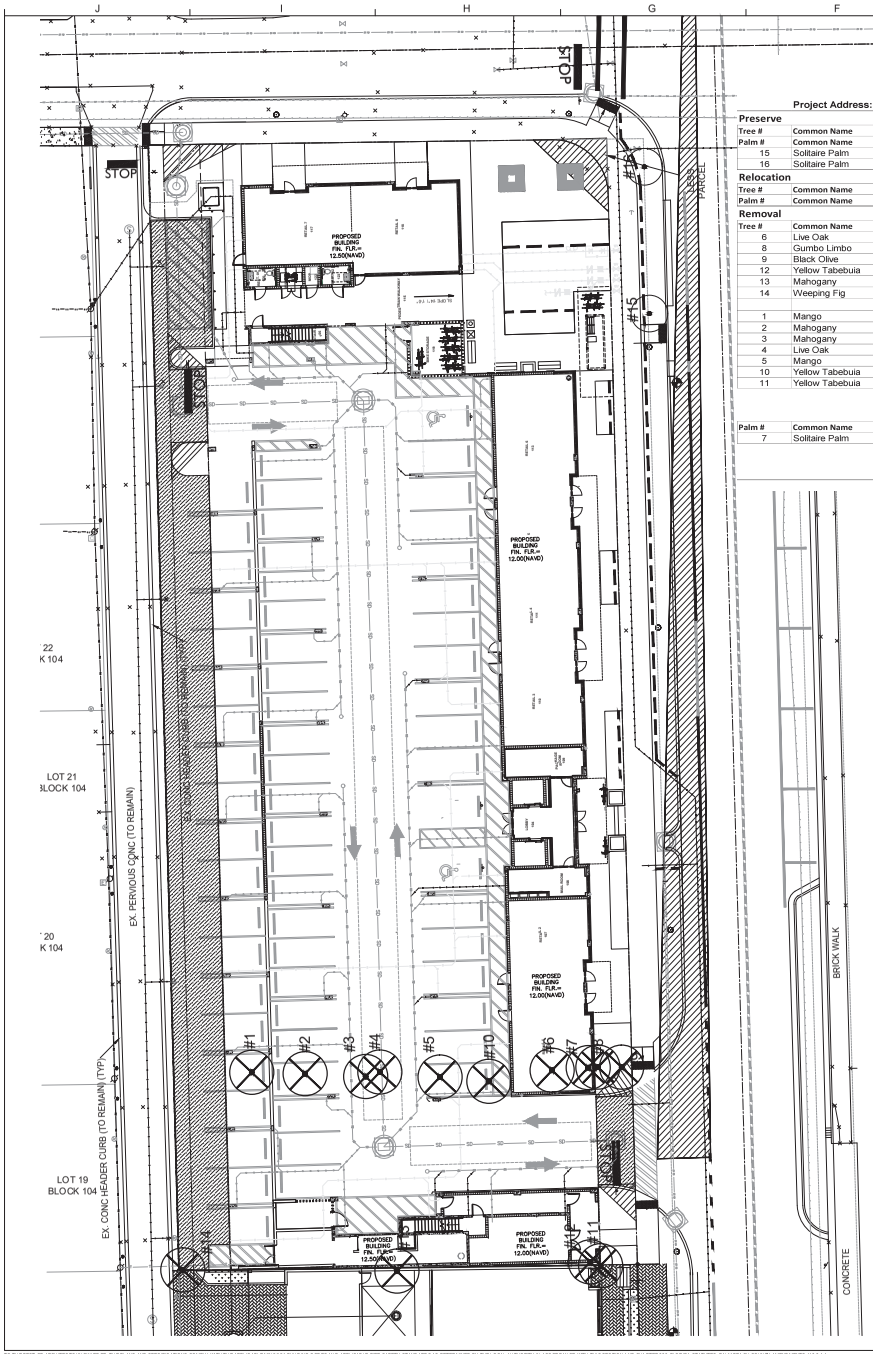
Approved as to Form:

_____
Lynn Gelin, Esq., City Attorney

EXHIBIT "A"
LEGAL DESCRIPTION OF REAL PROPERTY

Parcel A of BLACKSTAR 318 SE 5TH AVE, according to the plat thereof as recorded in Plat Book 137, Page 121, Public Records of Palm Beach County, Florida.

EXHIBIT "B"
LANDSCAPE PLAN



Tree Disposition and Mitigation

Project Address: **Parcel ID** (for multiple IDs, use one for the common area):

Preserve

Tree #	Common Name	Scientific Name	Height	Spread	DBH	Condition Rating	Comments
Palm #	Common Name	Scientific Name	Height	Spread	Clear Trunk	Condition Rating	Comments
15	Solitaire Palm	*Ptychosperma elegans*	16	8	10	60%	
16	Solitaire Palm	*Ptychosperma elegans*	16	8	10	60%	

Relocation

Tree #	Common Name	Scientific Name	Height	Spread	DBH	Condition Rating	Comments
Palm #	Common Name	Scientific Name	Height	Spread	Clear Trunk	Condition Rating	Comments

Removal

Tree #	Common Name	Scientific Name	Height	Spread	DBH	Condition Rating < 50%	Comments
6	Live Oak	*Quercus virginiana*	30	20	12	45%	Growing abut fence, under powerline, and near asphalt parking lot. Leaning, vine intrusion, asymmetrical canopy
8	Gumbo Limbo	*Bursera simaruba*	20	10	8	40%	Growing abut fence, under powerlint, moderate trunk damage, vine intrusion
9	Black Olive	*Terminalia buceras*	30	25	16	30%	Growing through fence near parking lot, under powerline, leaning, asymmetrical canopy, vine intrusion, severe canopy reduction
12	Yellow Tabebuia	*Tabebuia aurea*	12	10	6	40%	Severe trunk and branch damage and canopy reduction, dead and dying limbs, severe insect intrusion, sparse foliage
13	Mahogany	*Swietenia mahogani*	30	70	29	45%	Growing abut fence, near parking lot and building. Severe main branch damage and decay, vine intrusion, dead / dying secondary branches
14	Weeping Fig	*Ficus benjamina*	15	15	12	30%	Growing near and on building, severe overall canopy reduction and sparse foliage, decay present
						Condition Rating ≥ 50%	
1	Mango	*Mangifera indica*	15	20	11	75%	Codominant, included bark, growing abut fence, close to building, under powerline
2	Mahogany	*Swietenia mahogani*	25	16	12	60%	Growing about fence, close to building, under powerline, sparse canopy, overall crown reduction
3	Mahogany	*Swietenia mahogani*	20	20	10	70%	Growing about fence, close to building, under powerline, sparse canopy, overall crown reduction
4	Live Oak	*Quercus virginiana*	30	50	25	75%	Minor branch damage
5	Mango	*Mangifera indica*	8	15	4	60%	Growing abut fence, under powerline, shaded and competing for space, dead and discolored foliage
10	Yellow Tabebuia	*Tabebuia aurea*	10	15	5	50%	Growing abut fence near parking lot, umbrella tree intrusion, shaded, discolored foliage, severe canopy reduction
11	Yellow Tabebuia	*Tabebuia aurea*	12	15	9	60%	Growing abut fence near parking lot, codominant, poor overall growth structure

Trees with Condition Rating < 50% to be Removed: **6 Trees**
Total DBHs of Trees with Condition Rating ≥ 50% to be Removed: **76 DBH / 7 Trees**

Palm #	Common Name	Scientific Name	Height	Spread	Clear Trunk	Condition Rating < 50%	Comments
7	Solitaire Palm	*Ptychosperma elegans*	20	10	15	45%	

Total Numbers of Palms with Condition Rating < 50% to be Removed: **1 Palm**
Total Heights of Palms with Condition Rating ≥ 50% to be Removed: **0**

Mitigation

Tree Replacement Calculations*

New Trees	Caliper (CAL)	Calipers Provided
16 Oak Trees	16 X 5 inch CAL	80
6 Japanese Blueberry	2 x 4 inch CAL (3 per tree)	8

Replacement for Trees (Removed, Condition Rating ≥ 50%): **60" CAL (12 QV)**
Replacement for Tree-for-Tree basis: **6 (2 trees(= 6 ED) + 4 QV)**

Palm Replacement Calculations **

New Palms	Overall Height	Clear Trunk
1 Alexander Palm	25'	18

Replacement for Palms (Removed, Condition Rating ≥ 50%): **0 / 0 Palms**
Replacement for Palm-for-Palm basis: **1**

Removal

Tree #	Common Name	Cost to Replace	Replace 1:1	Replace CAL "	Pay Fee
6	Live Oak	450x8 + 650x4 = 6200 x 50%=3100	x		
8	Gumbo Limbo	450x8 = 3600 x 50%=1800	x		
9	Black Olive	450x8 + 650x4 + 850x4= 9600 x 50% = 4800	x		
12	Yellow Tabebuia	450x6 = 2700 x 50%=1350	x		
13	Mahogany	450x8 + 650x4 + 850x6 + 11x1000 = 22300 x 50%=11150	x		
14	Weeping Fig	450x8 + 650x4 = 6200 x 50%=3100	x		
1	Mango	450x8 + 650x3 = 5550		11"	
2	Mahogany	450x8 + 650x4 = 6200			$6,200.00
3	Mahogany	450x8 + 650x2 =4900		10"	
4	Live Oak	450x8 + 650x4 + 850x6 + 7x1000 = 18300		25"	
5	Mango	450x4 =1800			$1,800.00
10	Yellow Tabebuia	450x5 = 2250		5"	
11	Yellow Tabebuia	450x8 + 650x1 = 4250		9"	
		Total Replacement Trees:	**6**		
		Total Replacement Trees:		**60"**	
		Total Fee to Pay:			**$8,000.00**

ANY TREES NOT MITIGATED FOR BY REPLACEMENT TREES OR CALIPER INCHES WILL BE OFFSET BY A DEPOSIT INTO THE TREE FUND.

Scale: 1" = 16'-00"

0 8 16 32 48

North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL / ENGINEERING AND LAND PLANNING
LANDSCAPE ARCHITECTURE
1 SOUTHEAST 5TH STREET
FT. LAUDERDALE, FLORIDA 33060
954-467-1177 www.ecoplan.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, hdrQualifier=A01410C00000017E74798999E000045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:10:28-05'00'

DOCUMENTS, PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. INC USE OF THIS DRAWING OR ANY OTHER DOCUMENTS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. ENGINEERS AND ARCHITECTS. ALTERATION OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

TREE DISPOSITION PLAN

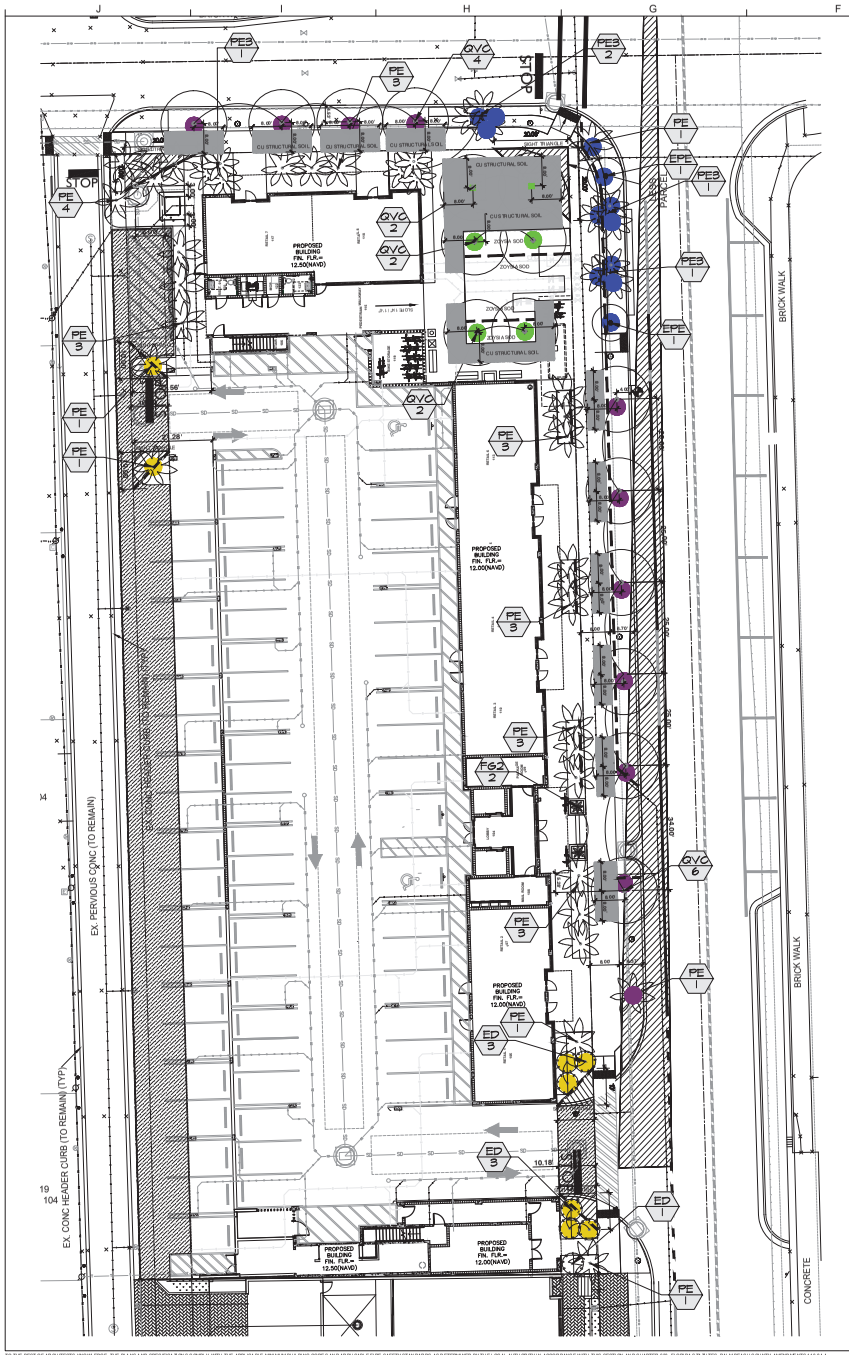
SHEET

LAPL-0

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED



PLANT SCHEDULE GROUND FLOOR

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	CALIPER
TREES							
	ED	7	Elaeocarpus decipiens	Japanese Blueberry Tree	FG/B&B	16` HT x 7` SPR, 8` CT	4" CAL, STANDARD
	EPE	2	Existing Tree	Existing Tree- Alexander Palm	---		
	QVC	16	Quercus virginiana `Cathedral`	Cathedral Live Oak	FG/B&B	18` HT x 9` SPR, 8`CT	5"
PALM TREES							
	PE	28	Ptychosperma elegans	Alexander Palm	FG/B&B	25`-30` OA, Single Trunk	
	PE3	5	Ptychosperma elegans	Alexander Palm	FG/B&B	25`-30` OA, TRIPLE	

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE
SHRUBS						
	FG2	2	Furcraea foetida 'Variegata'	Variegated False Agave	15 gal.	36" HT

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING
SHRUB AREAS							
	DE	50	Duranta erecta `Gold Mound`	Gold Mound Duranta	---	24" HT x 24" SPR	24" o.c.
	FM	839	Ficus microcarpa `Green Island`	Green Island Ficus	---	18" X 18"	18" o.c.
	PM2	53	Podocarpus macrophyllus	Yew Pine	---	60" HT. x 24" W	24" o.c.
	SL	97	Schefflera arboricola	Green Schefflera	---	24" X 24"	24" o.c.
	SL2	72	Schefflera arboricola `trinette`	Variegated Schefflera	---	24" HT x 24" SPR	30" o.c.
GROUND COVERS							
	DT	417	Dianella tasmanica	Blueberry Flax Lily	16" HT, 16" SPR	16"H X 16"W	16" o.c.
	FG	63	Ficus microcarpa `Green Island`	Green Island Ficus	12"X12" FULL		24" o.c.
	LM	299	Liriope muscari `Emerald Goddess`	`Emerald Goddess` Lily Turf	1 Gal.	12"x12"	18" o.c.
	PG	26	Portulaca grandiflora	Mexican Sunrose	---	12"x12"	12" o.c.
SOD/SEED							
	ZE	723 sf	Zoysia japonica 'Empire'	Empire Zoysia Grass	sod	sod	

NOTE: Pursuant to Sec. 4.6.16(E)(7) Shrubs and hedges, hedges must be allowed to attain height of 36 inches except where providing adequate and safe sight distance requires them to be maintained at a 30-inch height.

LEGEND

- STREET TREE
- MITIGATION TREE
- STREET TREE AND MITIGATION TREE
- CIVIC SPACE AND MITIGATION TREE
- INTERIOR TREE

	Required	Provided
Interior Landscaping	4,308.5 sq.ft. of parking & accessways areas X 10% = ____431___ sq.ft.	_____431___ sq.ft. 431/125 = 4 (3.44) # (numbers) & List of Trees/Palms: 6 Japanese Blueberry, 2 Alexander Palms # (numbers) & List of shrubs/ground covers: 105 Liriope, 14 Schefflera
Street Trees	_____432____linear feet (l.f.)	_____432____ l.f. / 30 15 Trees/Palms Required: 10 Live Oak, 13 Alexander Palms # (numbers) & List of shrubs/ground covers: 461 Green Island Ficus, 146 Schefflera, 55 Liriope, 378 Flax Lily
Civic Open Space	1 shade tree per 20 lf perimeter 116.8 lf (852 sf, 30'x28.4')	117 lf / 20 = 6 trees required 6 Live Oak trees provided
Landscape Barrier	All Parking Under Building	
Foundation Landscaping	CBD - 4.4.13E	53 Green Schefflera
Landscape Buffer	N/A	
Landscape Strip	N/A	

Scale: 1" = 16'-00"

0 8 16 32 48

North

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's hard. It's free. It's the law.
www.callsunshine.com

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2080 NW BOCA RATON BLVD.
SUITE 3
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4.DESIGN.COM

ECOPLAN
ECOLOGICAL / ENVIRONMENTAL LANDPLANNING
LANDSCAPE ARCHITECTURE LANDSCAPE ARCHITECTURE
PLANNING
ENVIRONMENTAL MANAGEMENT
WETLANDS www.ecoplan.biz

Digitally signed by John Harrigan
DN: CN=John Harrigan, SrnQualifier=A01410C02000001E7475999E00045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.06 10:10:46-05'00'

DOCUMENTS PROVIDED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREON ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHT AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. THERE IS NO REPRODUCTION OF THE DESIGN, THERE IS NO PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE ARCHITECTURE LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

CODE COMPLIANCE TREE PLAN

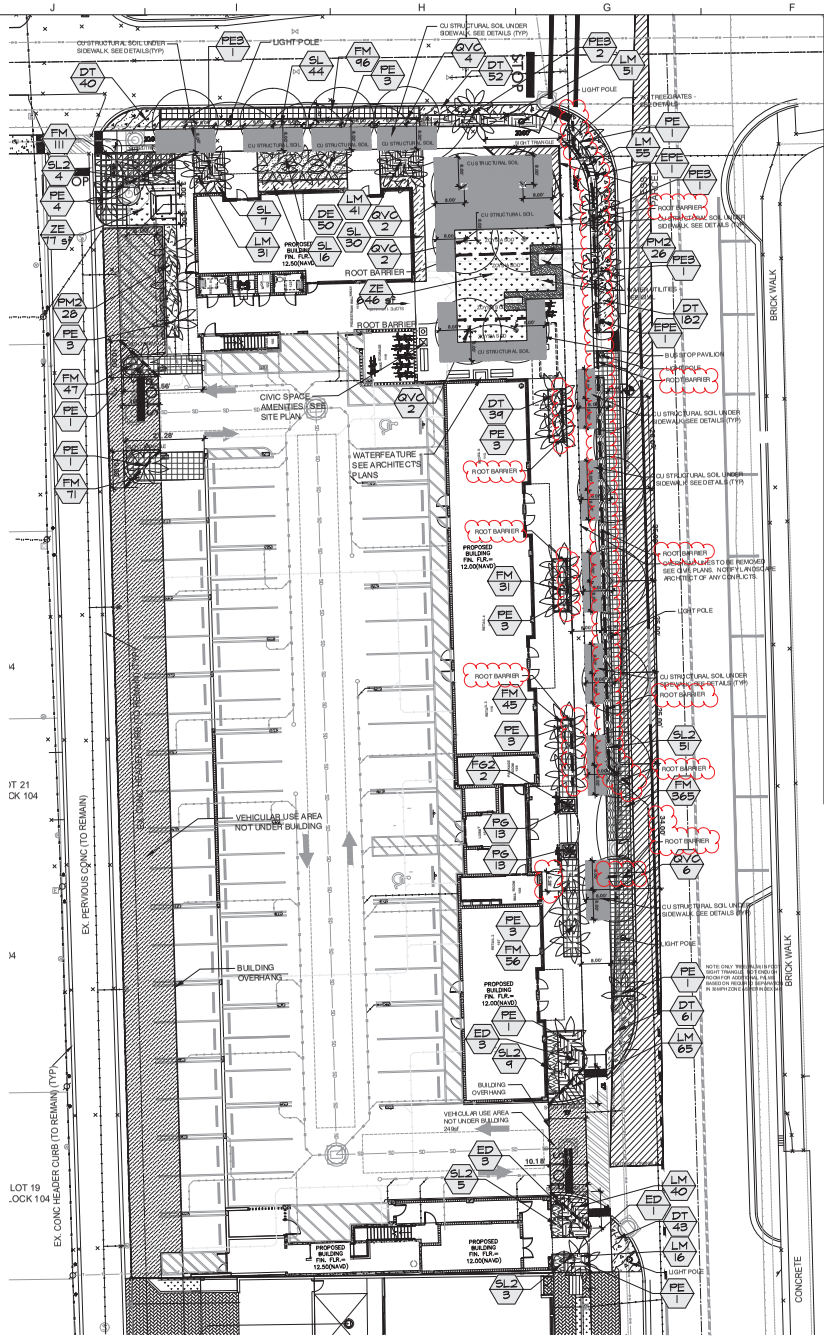
SHEET

LAPL-1.1

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 11.0.84.4.

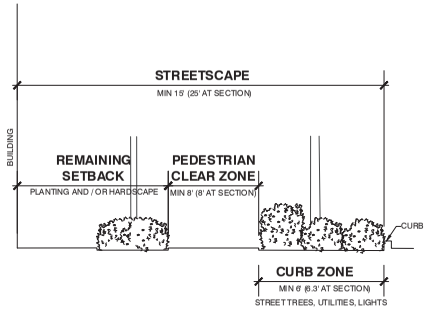
COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



PLANT SCHEDULE GROUND FLOOR

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	CALIPER	SPACING
TREES								
	ED	7	Elaeocarpus decipiens	Japanese Blueberry Tree	FG/B&B	16` HT x 7` SPR, 8` CT	4" CAL, STANDARD	
	EPE	2	Existing Tree	Existing Tree- Alexander Palm	---			
	QVC	16	Quercus virginiana `Cathedral`	Cathedral Live Oak	FG/B&B	18` HT x 9` SPR, 8`CT	5"	
PALM TREES								
	PE	28	Ptychosperma elegans	Alexander Palm	FG/B&B	25`-30` OA, Single Trunk		
	PE3	5	Ptychosperma elegans	Alexander Palm	FG/B&B	25`-30` OA, TRIPLE		
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE		SPACING
SHRUBS								
	FG2	2	Furcraea foetida 'Variegata'	Variegated False Agave	15 gal.	36" HT		
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE		SPACING
SHRUB AREAS								
	DE	50	Duranta erecta `Gold Mound`	Gold Mound Duranta	---	24" HT x 24" SPR		24" o.c.
	FM	839	Ficus microcarpa `Green Island`	Green Island Ficus	---	18" X 18"		18" o.c.
	PM2	53	Podocarpus macrophyllus	Yew Pine	---	60" HT. x 24" W		24" o.c.
	SL	97	Schefflera arboricola	Green Schefflera	---	24" X 24"		24" o.c.
	SL2	72	Schefflera arboricola `trinette`	Variegated Schefflera	---	24" HT x 24" SPR		30" o.c.
GROUND COVERS								
	DT	417	Dianella tasmanica	Blueberry Flax Lily	16" HT, 16" SPR	16"H X 16"W		16" o.c.
	FG	63	Ficus microcarpa `Green Island`	Green Island Ficus	12"X12" FULL			24" o.c.
	LM	299	Liriope muscari `Emerald Goddess`	`Emerald Goddess` Lily Turf	1 Gal.	12"x12"		18" o.c.
	PG	26	Portulaca grandiflora	Mexican Sunrose	---	12"x12"		12" o.c.
SOD/SEED								
	ZE	723 sf	Zoysia japonica 'Empire'	Empire Zoysia Grass	sod	sod		

NOTE: Pursuant to Sec. 4.6.16(E)(7) Shrubs and hedges, hedges must be allowed to attain height of 36 inches except where providing adequate and safe sight distance requires them to be maintained at a 30-inch height.



1 STREETSCAPE DETAIL
SECTION SCALE= NTS

	Required	Provided
Interior Landscaping	4,308.5 sq.ft. of parking & accessways areas X 10% = ____431___ sq.ft.	____431___ sq.ft. 431/125 = 4 (3.44) #(numbers) & List of Trees/Palms: 6 Japanese Blueberry, 2 Alexander Palms #(numbers) & List of shrubs/ground covers: 105 Liriope, 14 Schefflera
Street Trees	____432____linear feet (l.f.)	____432___ l.f. / 30 15 Trees/Palms Required: 10 Live Oak, 13 Alexander Palms #(numbers) & List of shrubs/ground covers: 461 Green Island Ficus, 146 Schefflera, 55 Liriope, 378 Flax Lily
Civic Open Space	1 shade tree per 20 lf perimeter 116.8 lf (852 sf, 30'x28.4')	117 lf / 20 = 6 trees required 6 Live Oak trees provided
Landscape Barrier	All Parking Under Building	
Foundation Landscaping	CBD - 4.4.13E	53 Green Schefflera
Landscape Buffer	N/A	
Landscape Strip	N/A	

Green Space - 870 sf landscape area

NOTE: Any trees or shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach Standard Details LD 1.0 and LD 2.0, as shown on sheet LAPL-4.

Scale: 1" = 16'-00"
0 8 16 32 48
North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
LANDSCAPE ARCHITECTURE
Digitally signed by John Harrigan
DN: CN=John Harrigan, 0=Qualified=A01410C000001 7E747EB9 0E00046AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:11:01-05'00'

DOCUMENTS, PRESENTATIONS AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. THE USE OF THIS DRAWING OR ANY OTHER DOCUMENTS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. ENGRAVED, PRINTED OR PHOTO COPIED OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ONIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

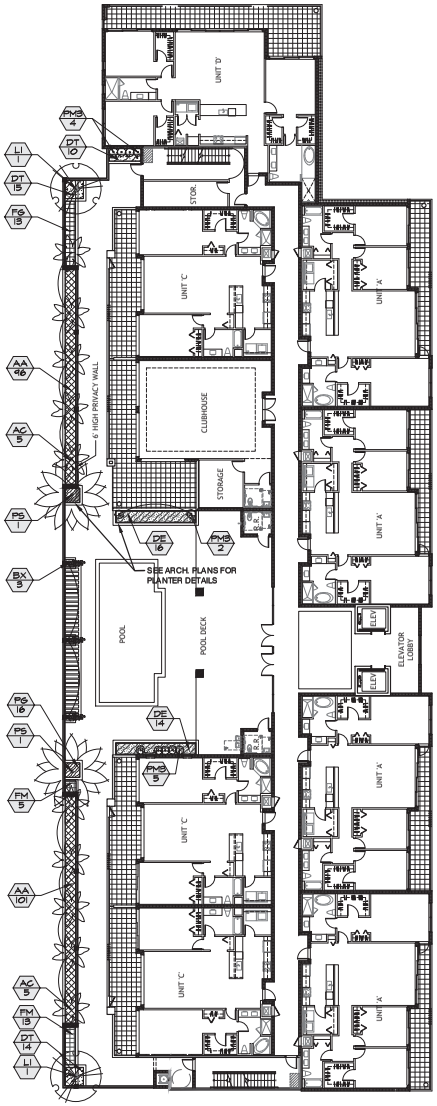
PLANTING PLAN

SHEET
LAPL-1

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED



PLANT SCHEDULE SECOND FLOOR

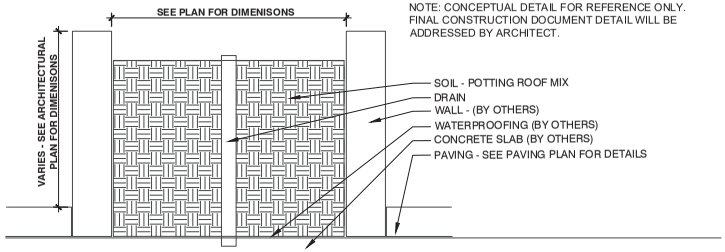
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	CALIPER	DETAIL	REMARKS
PALMS									
	AC	10	Adonidia merrillii	Christmas Palm	FG/BB	10`-14` CT, STAGGER HEIGHTS			
	PS	2	Phoenix sylvestris	Wild Date Palm	FG/BB	10` CT	SPECIMEN		
FLOWERING TREES									
	LI	2	Lagerstroemia indica `Muskogee`	Muskogee Crape Myrtle `Standard`	FG/B&B	2.5"Cal	12` HT. x 7` SPR, Standard		

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	NATIVE	DETAIL	REMARKS
SHRUBS									
	PM3	11	Podocarpus macrophyllus	Yew Pine	4` HT, TREE TOPIARY	48" HT			
VINES									
	BX	3	Bougainvillea spectabilis 'Rpboug 327'	Vera Deep Purple Bougainvillea	15 gal.	48" HT X 36" SPR			

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING	SPACING	DETAIL	REMARKS
SHRUB AREAS										
	DE	30	Duranta erecta `Gold Mound`	Gold Mound Duranta	---	24" HT x 24" SPR	24" O.C.	24" o.c.		
	FM	18	Ficus microcarpa `Green Island`	Green Island Ficus	---	18" X 18"	18" O.C.	18" o.c.		

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	NATIVE	SPACING	DETAIL	REMARKS
GROUND COVERS										
	AA	197	Asparagus densiflorus 'Sprengeri'	Sprenger Asparagus Fern	---	12"X 15"		16" o.c.		
	DT	39	Dianella tasmanica	Blueberry Flax Lily	16" HT, 16" SPR	16"H X 16"W		16" o.c.		
	FG	13	Ficus microcarpa `Green Island`	Green Island Ficus	12"X12" FULL			24" o.c.		
	PG	32	Portulaca grandiflora	Mexican Sunrose	---	12"x12"		12" o.c.		

DECK AREA – 5,007 SF
LANDSCAPE REQUIRED – 10% OF 5,007 SF = 501 SF
LANDSCAPE AREA PROVIDED – 567 SF



NOTE: CONCEPTUAL DETAIL FOR REFERENCE ONLY. FINAL CONSTRUCTION DOCUMENT DETAIL WILL BE ADDRESSED BY ARCHITECT.

1 PLANTER DETAIL
SECTION SCALE=1"=1'-00"

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

Scale: 1" = 16'-00"
0 8 16 32 48

North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL / ENGINEERING AND PLANNING
LANDSCAPE ARCHITECTURE AND DESIGN
110 SOUTH 5TH STREET
FT. LAUDERDALE, FLORIDA 33316
954-527-1 / www.ecoplan.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, emailAddress=jhq@ecoplan.com, C=US, O=ECOPLAN INC., 2.5.4.97=VATUS-C0000017E7479999, 2.16.840.1.113883.3.26.1.1=C00045AF4
Date: 2025.01.08 10:11:17-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. THE USE OF THIS DRAWING OR ANY OTHER DOCUMENTS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. REPRODUCTION OF ANY PART OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE
318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

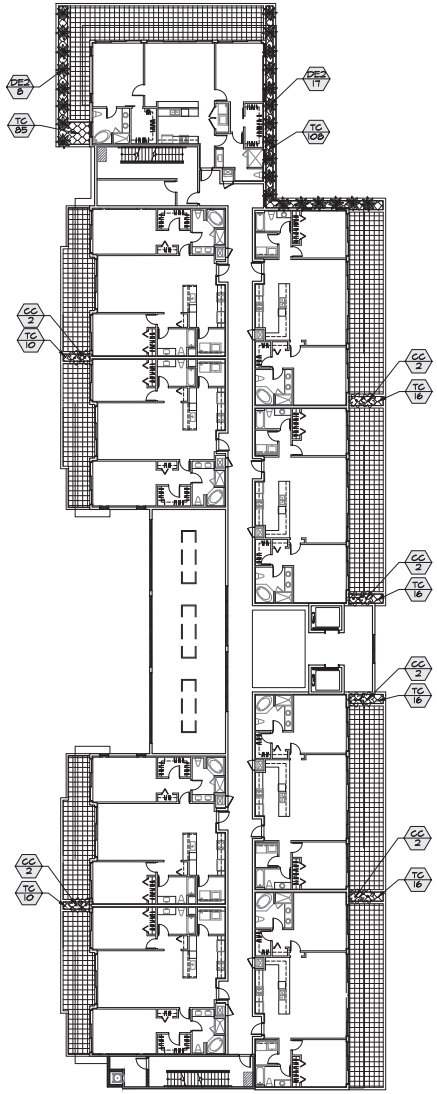
PLANTING PLAN
2ND FLOOR

SHEET
LAPL-2

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED



Scale: 1" = 16'-00"

0 8 16 32 48

North

PLANT SCHEDULE 4TH FLOOR

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING
SHRUBS							
	CC	12	Chamaedorea cataractarum	Cascade Palm	---	48" HT X 36" SPR	
	DE2	25	Dioon edule	Mexican Cycad	---	36" HT x 30" SPR	
GROUND COVERS							
	TC	277	Trachelospermum jasminoides 'Confederate'	Confederate Jasmine	---	12"X15"	15" o.c.

TO THE BEST OF ARCHITECT'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL ENGINEERING AND PLANNING
LANDSCAPE ARCHITECTURE
LANDSCAPE ARCHITECTURE
110 SOUTH EAST 10TH STREET
FT. LAUDERDALE, FLORIDA 33316
954-467-1177 www.ecoplan.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, 1.3.6.1.4.1.311.20.2.3=1e10c0000017e7470b99e00045af4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:11:32-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. INC USE OF THIS DRAWING OR ANY OTHER DOCUMENTS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. REPRODUCTION OF THE ORIGINAL OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

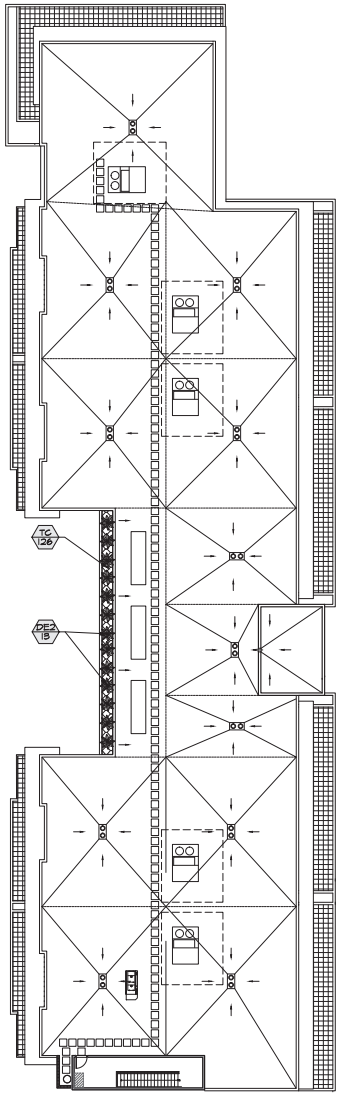
#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

PLANTING PLAN
4TH FLOOR

SHEET
LAPL-3

JOB NO. 2102 DATE: 8-13-2024



PLANT SCHEDULE ROOF

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	
SHRUBS							
	DE2	13	Dioon edule	Mexican Cycad	---	36" HT x 30" SPR	
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING
GROUND COVERS							
	TC	126	Trachelospermum jasminoides 'Confederate'	Confederate Jasmine	---	12"X15"	15" o.c.

Scale: 1" = 16'-00"

0 8 16 32 48

North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL ENGINEERING AND PLANNING
LANDSCAPE ARCHITECTURE AND DESIGN
110 SOUTH EAST 12TH STREET
FT. LAUDERDALE, FLORIDA 33316
954-467-1177 WWW.ECOPLAN.COM

Digitally signed by John Harrigan
DN: CN=John Harrigan, InQualifiedRA01=I10SC0000017E7479B9BE00045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:11:47-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS, INC. USE OF THIS DRAWING OR ANY OTHER DOCUMENTS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. REPRODUCTION OF THIS DRAWING OR USE OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

PLANTING PLAN ROOF

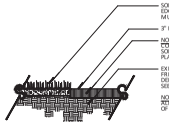
SHEET

LAPL-4

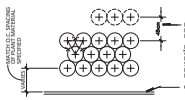
JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

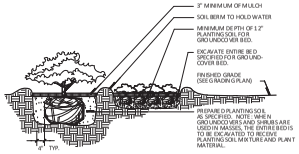
COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED



1 GRASS / MULCH EDGE DETAIL
PLAN SCALE= NTS



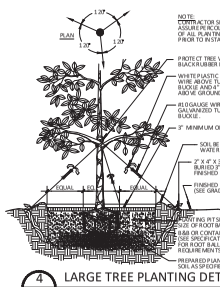
2 SHRUB AND GROUNDCOVER LAYOUT
SECTION SCALE= NTS



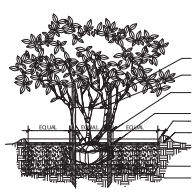
3 SHRUB / GROUNDCOVER PLANTING
SECTION SCALE= NTS

CITY OF DELRAY BEACH REQUIRED NOTES:

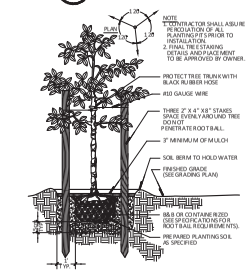
- ALL PLANT MATERIAL SHALL BE FLORIDA #1 GRADE OR BETTER
- MULCH SHALL BE APPLIED TO A MINIMUM DEPTH OF THREE (3) INCHES IN ALL PLANTING BEDS
- ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE
- ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM, AUTOMATICALLY OPERATED, TO PROVIDE COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED
- SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE
- REINFORCED CONCRETE CURBING AT LEAST SIX (6) INCHES IN HEIGHT SHALL BE PROVIDED AROUND ALL LANDSCAPE ISLANDS AND AS A SEPARATOR BETWEEN ALL LANDSCAPED AREAS THAT ARE ADJACENT TO VEHICULAR USE AREAS UNLESS SUCH CURBING WILL INTERFERE WITH THE DRAINAGE



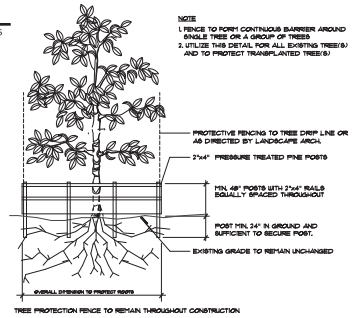
4 LARGE TREE PLANTING DETAIL
SECTION SCALE= NTS



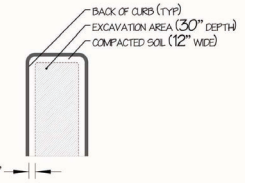
5 SMALL ORNAMENTAL TREE DETAIL
SECTION SCALE= NTS



6 SMALL TREE PLANTING DETAIL
SECTION SCALE= NTS

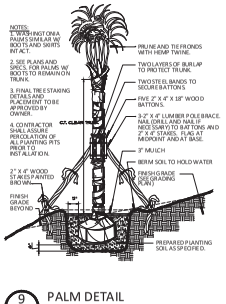


7 TREE PROTECTION FENCE
SECTION SCALE= NTS

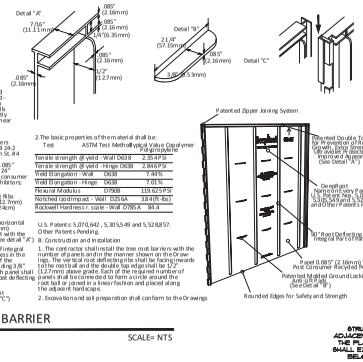


Existing native soil within all landscape islands, interior landscape strips and perimeter landscape strips, adjacent to vehicular use areas, shall be excavated down to a depth of 36 inches below existing grade, except for a 12-inch buffer from the inside of curb or pavement. (see diagram below). A suitable planting soil mixture of 50%50, 60%40 (sand/topsoil) or as otherwise indicated by the Registered Landscape Architect, shall either be backfilled in place of the native soil or efficiently mixed with the native soil to create an optimum environment for successful root development. If native soil is to be used, it shall first be screened to remove rocks and debris larger than one-half inch in diameter prior to mixing. All properties within this section shall be required to have an open landscape bed inspection prior to backfilling to insure the 36-inch depth has been met. %Mind, Ord. 6-12 2/21/12%

8 LANDSCAPE STRIP SOIL BACKFILL
DETAIL SCALE= NTS



9 PALM DETAIL
SECTION SCALE= NTS



UB 24-2 Specifications

24" Deep Root Tree Root Barriers

Specified tree root barriers are a mechanical barrier and root deflector to prevent tree roots from damaging hardscapes and landscapes. Assembled in 2' long modules to create varying sizes of cylinders for surrounding root balls (turnaround planting style) or for linear applications directly beside a hardscape adjacent to one side of the trees (linear planting style).

A. Materials

1. The contractor shall furnish and install tree root barriers as specified. The tree root barriers shall be product # UB 24-2 manufactured by Deep Root Partners, LP, 81 Langton St. #4 San Francisco, LA (800) 458-9681, or approved equal. The barrier shall be Black, Injection Molded Panels, of 0.085" (2.16mm) wall thickness in modules 24" (61cm) length x 24" (61cm) deep, manufactured with a minimum 50% post consumer recycled polypropylene with added ultraviolet inhibitors; recyclable. Each panel shall have:

Not less than 4 Molded Integral Vertical Root Deflecting Ribs of at least 0.085" (2.16mm) thickness protruding 1/2" (12.7mm) at 90° from interior of the barrier panel, spaced 6" (15.24cm) apart. (See panel drawing below)

A Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel of a minimum 0.085" (2.16mm) thickness, 3/8" (9.53mm) wide and 1/4" (6.35mm) apart with the lower rib attached to the vertical root deflecting ribs. (See detail "A")

A minimum of 9 Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of a minimum 0.085" (2.16mm) thickness in the shape of a segment of a circle, the 2" (50.8mm) chord of the segment being attached to the panel, the height being 1/8" (3.3mm) from the panel. The nine ground locks on each panel shall be about equally spaced between each of the vertical root deflecting ribs (3 between each set of ribs, see Detail "B").

An integrated Zipper Joining System providing for instant assembly by sliding one panel into another. (See Detail "C")

2. The basic properties of the material shall be:

Test	ASTM Test Method	Typical Value Copolymer Polypropylene
Tensile strength @ yield - Wall	D638	2,350 PSI
Tensile strength @ yield - Hinge	D638	2,840 PSI
Yield Elongation - Wall	D638	7.46%
Yield Elongation - Hinge	D638	7.01%
Flexural Modulus	D790B	119,625 PSI
Notched Izod impact - Wall	D256A	3.8 ft/lb/in. Rad
Rockwell Hardness r. scale - Wall	D785 A	84.4

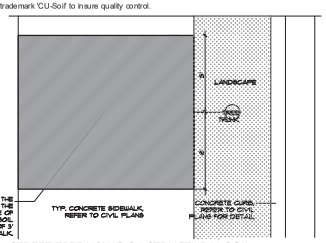
U.S. Patent: 5,070,642 , 5,303,5 49 and 5,528,857.
Other Patents Pending

B. Construction and Installation

1. The contractor shall install the tree root barriers with the number of panels and in the manner shown on the Drawings. The tree root deflecting ribs shall be facing inwards towards the tree root ball. Where a curb is within 1' (1.27 m) above grade, each of the required number of panels shall be connected to form a circle around the root ball or joined in a linear fashion and placed along the adjacent hardscape.

2. Excavation and soil preparation shall conform to the Drawings

9 TREE ROOT BARRIER
SECTION SCALE= NTS



11 STREET TREE USING CU STRUCTURAL SOIL
PLAN SCALE= NTS

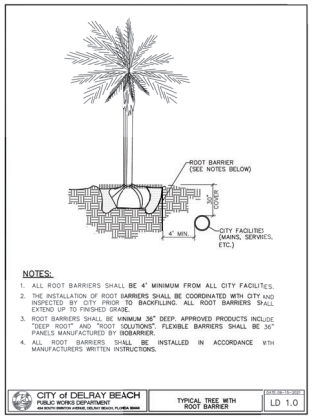
STRUCTURAL SOIL SPECIFICATION

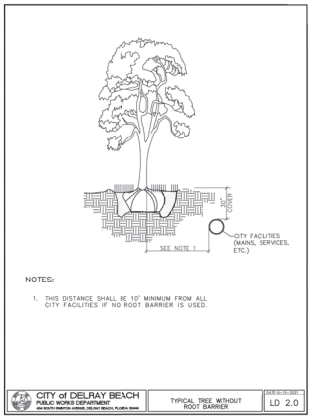
FROM CORNELL UNIVERSITY

The structural soil material is designed as follows. The three components of the structural soil are mixed in the following proportions by weight, crushed stone: 100, clay loam: 20, hydrogel: 0.03. Total moisture at mixing should be 10% (AASHTO T-99 optimum moisture).

Crushed stone (granite or limestone) should be narrowly graded from 3/4 -1 1/2 inch, highly angular with no fines. The clay loam should conform to the USDA soil classification system (gravel <8%, sand 25-30%, silt 20-40%, clay 25-40%). Organic matter should range between 2% and 5%. The hydrogel, a potassium polyacrylate-polyacrylamide copolymer is added in a small amount to act as a tackifier, preventing separation of the stone and soil during mixing and installation. Mixing can be done on a paved surface using front end loaders. Typically the stone is spread in a layer, the dry hydrogel is spread evenly on top and the screened moist loam is the top layer. The entire pile is turned and mixed until a uniform blend is produced. The structural soil is then installed and compacted in 6 inch lifts.

The Urban Horticulture Institute continues to work on refining the specification for producing a structural soil material to make the system cost effective. It is patent pending and will be sold with the trademark 'CU-Soil' to insure quality control.





LANDSCAPE NOTES

1. THE WORK CONSISTS OF THE COMPLETE PLANT MATERIAL INSTALLATION ON THE DRAWINGS AND AS HEREIN SPECIFIED. THIS WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE SUPPLYING OF ALL PLANT MATERIAL SPECIFIED, THE FURNISHING OF LABOR, EQUIPMENT, APPLIANCES AND ALL MATERIALS CALLED FOR, AND IN PERFORMING ALL OPERATIONS IN CONNECTION WITH THE LANDSCAPE INSTALLATION ON THESE PLANS. FURTHER, THE WORK SHALL INCLUDE THE MAINTAINING OF ALL PLANTS AND PLANTING AREAS UNTIL ACCEPTANCE BY THE OWNER, AND THE FULFILLING OF ALL GUARANTEE PROVISIONS AS HEREIN SPECIFIED.
2. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.
3. IN THE EVENT OF VARIATION BETWEEN THE PLANT LIST AND THE ACTUAL NUMBER OF PLANTS SHOWN ON THE PLANS, THE PLANS SHALL CONTROL.
4. PLANT MATERIALS WILL BE INSPECTED BY THE OWNER'S REPRESENTATIVE AT THE JOB SITE PRIOR TO INSTALLATION. WHEN INSPECTION WORK DOES NOT COMPLY WITH THE REQUIREMENTS, REPLACE REJECTED WORK AND CONTINUE SPECIFIED MAINTENANCE UNTIL REINSPECTED AND FOUND TO BE ACCEPTABLE. REMOVE REJECTED PLANTS AND MATERIALS FROM THE PLANTING SITE WITHIN 48 HOURS AND REPLACE WITH ACCEPTABLE MATERIALS.
5. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. THE OWNER OR HIS REPRESENTATIVE RESERVES THE RIGHT TO DIRECT THE REMOVAL AND REPLACEMENT OF ANY ITEMS WHICH, IN HIS OPINION, DO NOT PRESENT AN ORDERLY AND REASONABLE NEAT OR WORKMANLIKE APPEARANCE, PROVIDED SUCH ITEMS CAN BE PROPERLY INSTALLED IN AN ORDERLY WAY BY TYPICAL INSTALLATION METHODS.
6. ALL PLANTING BEDS WITHIN FDOT RIGHT OF WAYS SHALL BE MULCHED WITH 3" OF RECYCLED MULCH CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION. ALL ON SITE PLANTING BEDS SHALL BE MULCHED WITH 3" OF RECYCLED MULCH. NO RED COLORED MULCH WILL BE ACCEPTED.
7. ALL TREES 6' TALL OR LARGER SHALL BE STAKED AND GUYED WITH VERTICAL 2" X 2" PINE STAKES OR 4" DIAMETER POST IN DETAILS. NO DEVIATIONS UNLESS APPROVED IN WRITING.
8. PLANTING SOIL FOR ALL PLANT MATERIALS SHALL CONSIST OF TWO (2) PARTS OF TOPSOIL WITH ONE (1) PART PEAT MOSS AND .9 kg FERTILIZER PER CUBIC METER, WELL MIXED.
9. ALL PLANT MATERIALS SHALL BE WATERED BY THE CONTRACTOR THOROUGHLY WHEN PLANTED AND DURING THE PLANTING TIME PERIOD UP TO FINAL ACCEPTANCE BY OWNER.
10. PROVIDE NEW TOPSOIL FOR TURF IN ALL SODDED AND SEEDED AREAS. TOPSOIL SHALL BE FERTILE, BLACK IN COLOR, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 3 cm IN ANY DIMENSION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO SOD GROWTH. OBTAIN TOPSOIL ONLY FROM NATURALLY, WELL DRAINED SITES WHERE TOPSOIL OCCURS IN A DEPTH OF NOT LESS THAN 10 cm . DO NOT OBTAIN FROM BOGS OR MARSHES. THE CONTRACTOR SHALL PROVIDE A SOILS TEST REPORT SHOWING pH AND NUTRIENTS; - pH SHALL BE 5.5 TO 6.0. IF NOT THEN USE THE APPROPRIATE SOIL AMENDMENTS TO REACH 5.5 TO 6.0.
11. CONTRACTOR TO VERIFY ALL EXISTING UNDERGROUND UTILITIES PRIOR TO ANY DIGGING.
12. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICT OR DISCREPANCY IN PLANS PRIOR TO PERFORMING ANY WORK IN THE AFFECTED AREA.
13. CONTRACTOR SHALL CLEAN UP AND REMOVE FROM THE PREMISES ALL SURPLUS AND DISCARDED MATERIALS AND RUBBISH FROM HIS CONSTRUCTION.
14. ALL SHRUBS, GROUNDCOVERS, AND SOD SHALL BE GUARANTEED FROM NINETY (90) DAYS AFTER FINAL ACCEPTANCE BY OWNER. ALL TREES SHALL BE GUARANTEED FOR ONE (1) YEAR AFTER FINAL ACCEPTANCE BY OWNER.
15. FINAL INSPECTION WILL NOT TAKE PLACE UNTIL ALL MATERIALS ARE PLANTED/INSTALLED CORRECTLY. CONTRACTOR WILL REQUEST A FINAL INSPECTION BY WRITTEN LETTER TO OWNER.
16. UPON NOTICE OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME MAINTENANCE AND THE GUARANTEE/ WARRANTY PERIOD BEGINS.
17. ALL SODDED AREAS SHALL BE HAND WATERED UNTIL TURF IS ESTABLISHED.
18. CONTRACTOR TO NOTIFY/VERIFY WITH LANDSCAPE ARCHITECT, THE AVAILABILITY (QUANTITY & QUALITY PRESCRIBED IN THE DRAWINGS) OF ALL PLANT MATERIAL SPECIFIED AT THE TIME OF THE BID.
19. CONTRACTOR INSTALLING THE PLANT MATERIAL AT THE SITE WILL BE RESPONSIBLE FOR MAINTAINING THE CONDITION AND HEALTH OF THE MATERIAL (AS DOCUMENTED IN THE PHOTOGRAPHS AT THE TIME OF INSPECTION) FROM THE TIME OF INSTALLATION TO THE TIME OF TURNING OVER THE PROJECT TO THE OWNER OR OPERATOR. IF THE CONTRACTOR FAILS TO MAINTAIN THE MATERIAL AS SPECIFIED, THAT PLANT MATERIAL WILL BE REJECTED.
20. REPLACE EXISTING SOD WHERE DAMAGED BY CONSTRUCTION ACTIVITIES.
21. ALL PLANT MATERIAL SHALL BE FLORIDA #1 GRADE OR BETTER.
22. ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE.
23. SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE.
24. REINFORCED CONCRETE CURBING AT LEAST SIX (6) INCHES IN HEIGHT SHALL BE PROVIDED AROUND ALL LANDSCAPE ISLANDS AND AS A SEPARATOR BETWEEN ALL LANDSCAPED AREAS THAT ARE ADJACENT TO VEHICULAR USE AREAS UNLESS SUCH CURBING WILL INTERFERE WITH THE DRAINAGE.

811 SUNSHINE STATE ONE CALL OF FLORIDA, INC. ALWAYS CALL 811 BEFORE YOU DIG! Dial Before Digging. www.callsunshine.com

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-5848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL ENGINEERING AND PLANNING
WETLANDS AREAS UNDERGROUND UTILITIES
SUBURBAN SITE DESIGN
PLANTING DESIGN
NATURAL AREA RESTORATION

Digitally signed by John Hartigan
DN: CN=John Hartigan, E=hQualifier=A01410C000001 7E7479B9 9E00445AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:12:00-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE EXPRESSED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. THE USE OF THIS DOCUMENT OR ANY OF THE INFORMATION PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. ENGINEERS AND ARCHITECTS. ALL ITEMS ON THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-11-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

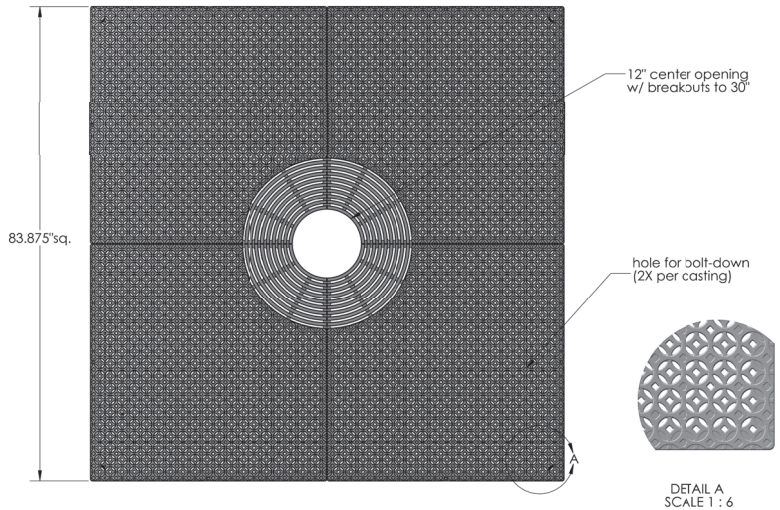
PLANTING DETAILS

SHEET
LAPL-5

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



DETAIL A
SCALE 1 : 6

IRON AGE DESIGNS
2104 SW 152nd St. #4
Burien, WA 98166
TEL 206.276.0925
FAX 206.257.0318
www.ironagegrates.com

Interlaken 7'x7' Tree Grate

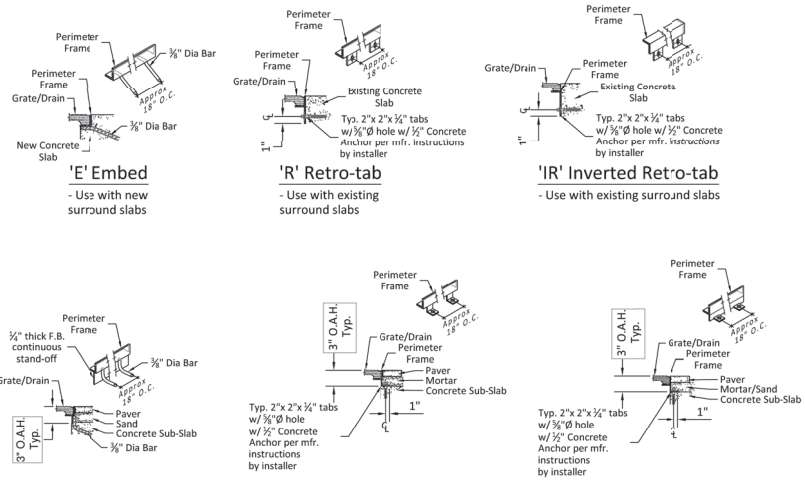
Drawn by: CD
Date: 1/04/10
Scale: 1:12

DWG. NO. INT.D.84x84

NOTES:
1. Material: cast iron
2. Natural finish
3. Four pieces, total thickness: 1 ¼"
4. Fits frame manufactured by Iron Age Designs
5. A.D.A. compliant, openings less than ½"
6. Due to casting inconsistencies all dimensions are nominal

© 2010 Iron Age Designs

Patent Number:US D575,881 S
Registration Number VA 1-964-347



IRON AGE DESIGNS
Telephone 206.276.0925
www.ironagegrates.com

12 TREE GRATE SPEC SHEET
SCALE= NTS

NOTE:
PROVIDE TREE GRATE SPECIFICATION AS NOTED ABOVE, OR APPROVED EQUAL.

13 TREE GRATE INSTALLATION DETAILS
SCALE= NTS

REFER TO ARCHITECT'S PLANS FOR WATERFEATURE DESIGN, DETAILS AND PLACEMENT.

14 CIVIC FOUNTAIN INSPIRATION
IMAGE
SCALE= NTS

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL/ENGINEERING LAND PLANNING
LANDSCAPE ARCHITECTURE
LANDSCAPE ARCHITECTURE
110 SOUTHEAST 6TH STREET
FT. LAUDERDALE, FLORIDA 33301
954-467-1651 954-463-7593

Digitally signed by John Harrigan
DN: CN=John Harrigan, dnQualifier=A01410C0000017E7470B9900E00045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:12:14-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS, INC. USE OF THIS DRAWING OR ANY OTHER DRAWINGS OR DATA PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. ENGRAVED, PRINTED OR WRITTEN COPIES OF THIS DRAWING IS A VIOLATION OF STATE EDUCATION LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

TREE GRATE DETAILS

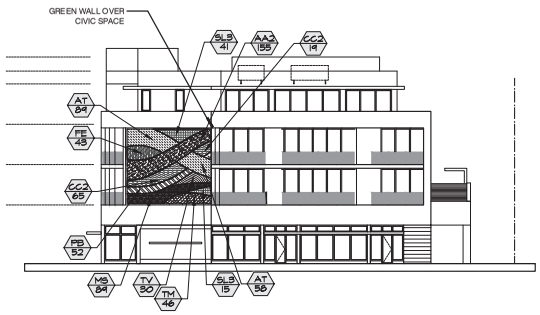
SHEET
LAPL-5.1

JOB NO. 2102 DATE: 8-13-2024

811 KNOW WHAT'S BELOW. ALWAYS CALL 811 BEFORE YOU DIG. It's the Law. It Keeps Everyone Safe. www.callsunshine.com

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 553, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4

COPYRIGHT©2023 ARC4 DESIGN, ALL RIGHTS RESERVED



GREEN WALL
NORTH ELEVATIONS

GREEN WALL
WEST ELEVATIONS

PLANT SCHEDULE ELEVATIONS

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING	SPACING
GREEN WALL								
	CC2	187	Codiaeum variegatum 'Red Corkscrew'	Corkscrew Croton	1 gal.	10"x10"	10" O.C.	10" o.c.
	FE	189	Ficus elastica	Rubber Tree	1 gal.	10"x10"	10" O.C.	10" o.c.
	SL3	173	Schefflera arboricola 'Emerald Green'	Emerald Green Schefflera	1 gal.	10"x10"	10" O.C.	10" o.c.

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	NATIVE	SPACING
GREEN WALL								
	AT	401	Alternanthera bettzickiana 'True Yellow'	True Yellow Calico Plant	1 gal.	10"x10"		10" o.c.
	AA2	334	Asparagus densiflorus 'Sprengeri'	Sprenger Asparagus Fern	1 gal.	10"x10"		10" o.c.
	MS	180	Microsorum scolopendria	Wart Fern	1 Gal.	10"x10"		10" o.c.
	PB	133	Philodendron x 'Burle Marx'	Burle Marx Philodendron	1 gal.	10"x10"		10" o.c.
	TM	178	Trachelospermum asiaticum 'Minima - Black'	Minima Asiatic Jasmine	1 gal.	10"x10"		10" o.c.
	TV	99	Trachelospermum asiaticum 'Variegata'	Variegated Asiatic Jasmine	1 gal.	10"x10"		10" o.c.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

Scale: 1" = 16'-00"
0 8 16 32 48

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.84.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 NW BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3844
WWW.ARC4.DESIGN.COM

ECOPLAN
ECOLOGICAL / ENVIRONMENTAL / LAND PLANNING
LAND DEVELOPMENT LANDSCAPE ARCHITECTURE
300 SOUTHEAST 10TH STREET
FT. LAUDERDALE, FLORIDA 33316
954.463.5700 www.ecoplan-fl.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, dnQualifier=A01410C0000017E7475B99E0004 5AF4, O=ECOPLAN INC., C=US
Date: 2025.01.09 10:12:27-05'00'

DOCUMENTS PROVIDED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREON ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. THE USE BY THIS CLIENT OF ARC4 DESIGN ARCHITECT, AS PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE PROFESSIONAL PRACTICE ACT. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

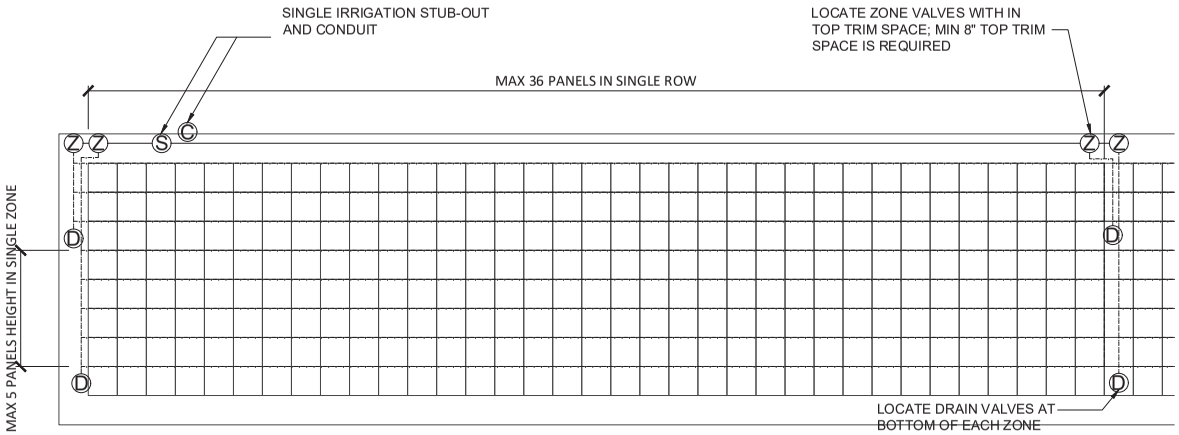
#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

GREEN WALL ELEVATIONS

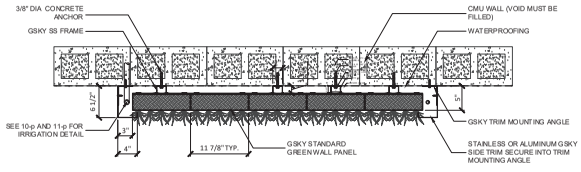
SHEET
LAPL-6

JOB NO. 2102 DATE: 8-13-2024



1 GREEN WALL GRID WITH IRRIGATION

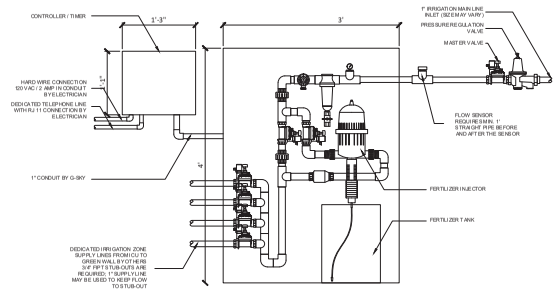
SCALE= NTS



2 GREEN WALL - HORIZONTAL SECTION

SCALE= NTS

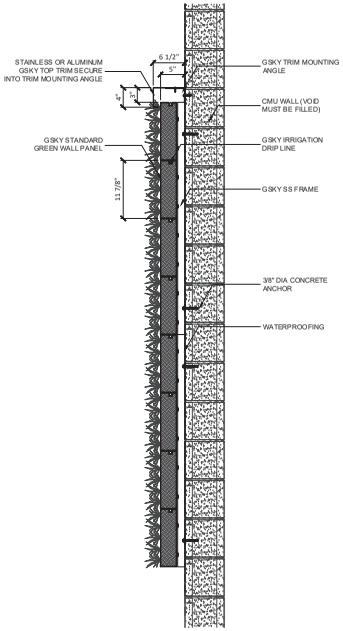
ICU-600
IRRIGATION CONTROL UNIT FOR:
*GREEN WALLS SMALLER THAN 1080 SQFT (INTERIOR OR EXTERIOR)
*EXTERIOR WALLS IN USDA PLANT ZONE 9 OR HIGHER (NON-FREEZING CLIMATES)



*REQUIREMENTS:
*ICU - 48"h x 36"w x 48"d (INCLUDING DOOR SWING)
*CONTROLLER - 13"h x 15"w x 20"d (INCLUDING DOOR SWING)
*EASY ACCESS FOR MAINTENANCE
*ADEQUATE PRESSURE TO GET MIN PSI AT BOTTOM OF GREEN WALL (TYP 65 PSI, UP TO 50 FT HEIGHT WALL)
INSTALL BOOSTER PUMP IF REQUIRED (BY PLUMBER)
*120V / 2 AMP POWER (HARD WIRE) (BY ELECTRICIAN)
*DEDICATED TELEPHONE LINE RJ 11 (BY OTHERS)
*GROUNDING CONNECTION IF REQUIRED (BY ELECTRICIAN)
*BACK-FLOW PREVENTOR AS REQUIRED (BY PLUMBER)
*CAN BE EXPANDED MAX 6 ZONES TO ACCOMMODATE IF THERE IS NO SPACE FOR VALVES AT THE GREEN WALL(S)
*NON-FREEZING INDOOR SPACE WITH FLOOR DRAIN
*CAN BE LOCATED OUTDOORS WITH ADDITIONAL ENCLOSURE
*CAN BE CUSTOM DESIGNED TO ACCOMMODATE FREEZING CLIMATES

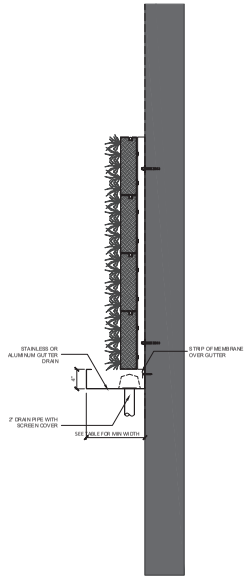
3 GREEN WALL IRRIGATION CONTROL UNIT

SCALE= NTS



4 GREEN WALL VERTICAL SECTION

SCALE= NTS



5 GREEN WALL SECTION WITH DRAINAGE

SCALE= NTS

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's free. It's fast. It's the law.
www.callsunshine.com

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 NW BOCA RATON BLVD.
SUITE 3
BOCA RATON, FL 33431
TEL: 561-392-3844
WWW.ARC4.DESIGN.COM

ECOPLAN
ECOLOGICAL / ENVIRONMENTAL LAND PLANNING
LANDSCAPE ARCHITECTURE
Digitally signed by John Harrigan
DN: CN=John Harrigan, SubjectUniqueID=A01410C0000017E7479990E00045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.06 10:12:41-05'00'

DOCUMENTS PROVIDED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREON ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. THE USE BY THIS CLIENT OF THE DESIGN INFORMATION PROVIDED ON THESE DOCUMENTS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE ARCHITECTURAL LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL RAISED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
1	4-1-22	REV	JH
2	7-1-22	REV	JH
3	8-30-22	REV	JH
4	10-12-22	REV	JH
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

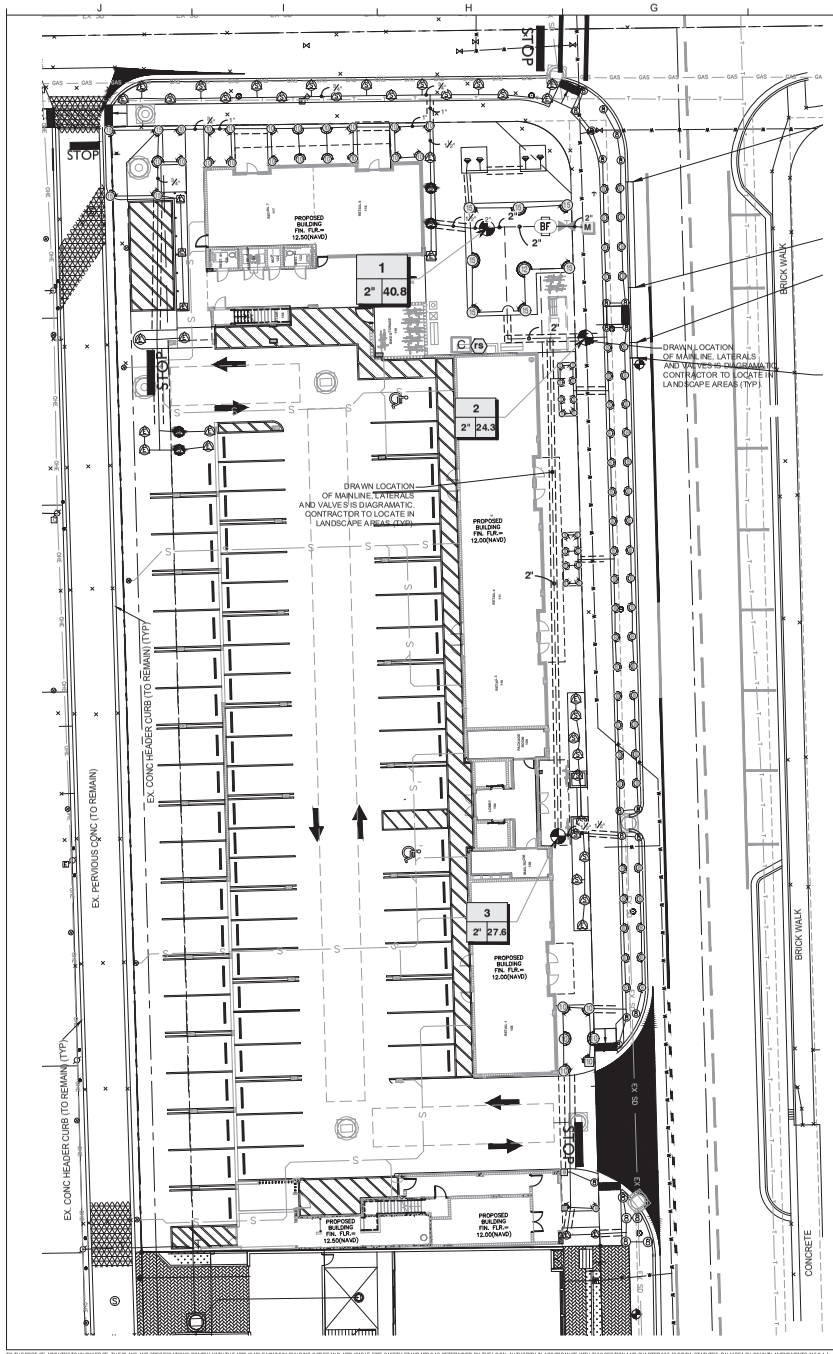
GREEN WALL DETAILS

SHEET
LAPL-7

JOB NO. 2102 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.84.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



IRRIGATION SCHEDULE GROUNDFLOOR

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
	Toro 570Z-12P-PC 5 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	16	30	
	Toro 570Z-12P-PC 8 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	1	30	
	Toro 570Z-12P-PC 10 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	22	30	
	Toro 570Z-12P-PC 12 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	1	30	
	Toro 570Z-12P-PC 15 Series Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	11	30	
	Toro 570Z-12P-PC 8 Series VAN Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	14	30	
	Toro 570Z-12P-PC Shrub Strip Spray Shrub Spray, 12" Pop-Up, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	89	30	
	Toro 570S-PC 8 Series Shrub Spray, Fixed Riser, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	1	30	
	Toro 570S-PC 10 Series Shrub Spray, Fixed Riser, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	1	30	
	Toro 570S-PC 8 Series VAN Shrub Spray, Fixed Riser, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	1	30	
	Toro 570S-PC Shrub Strip Spray Shrub Spray, Fixed Riser, with a Zero Flush Seal. 1/2" Female-Threaded Inlet. Ideal for small to medium landscape areas.	4	30	
	Toro 570S-FB-PC Pressure-Compensating Flood Bubbler Nozzle on 570S Fixed Riser. 0.25 GPM, 0.5 GPM, 1.0 GPM, and 2.0 GPM.	4	30	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
S	Toro P220-26-0 ANGLE 2" Electric, 1", 1-1/2", 2" and 3" Plastic In-Line Remote Control Valve. Equipped to withstand pressure up to 220 PSI. Filter screen on 2" and 3" models. Standard Solenoid. Angle Body Style.	3	
M	Shut Off Valve	1	
P	Febco 765 1-1/2" Pressure Vacuum Breaker, brass with ball valve SOV. Install 12" above highest downstream outlet and the highest point in the downstream piping.	1	
C	Toro TMC-424E-OD 4-Station Outdoor Controller. Base Model. Standard Surge.	1	
R	Toro TRS Wired Rain Sensor. Mount as noted or approved, use controller power or optional transformer. Adjust rain shutoff index. Normally-Open or Normally-Closed. Compatible with most controllers.	1	
W	Water Meter 1-1/2"	1	

SIZE OF BACKFLOW DEVICE IS APPROXIMATE. CONTRACTOR TO VERIFY AND NOTIFY LANDSCAPE ARCHITECT FOR DESIGN ADJUSTMENTS AS NEEDED.

SIZE OF EXISTING WATER METER IS APPROXIMATE. CONTRACTOR TO VERIFY AND NOTIFY LANDSCAPE ARCHITECT FOR DESIGN ADJUSTMENTS AS NEEDED.

Irrigation Lateral Line: PVC Class 200 SDR 21	40.9 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 1/2"	1,129 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 3/4"	200.3 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 1"	126.9 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/4"	30.2 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/2"	47.2 l.f.
Irrigation Lateral Line: PVC Class 200 SDR 21 2"	14.7 l.f.
Irrigation Mainline: PVC Schedule 40 2"	215.2 l.f.
Pipe Sleeve: PVC Class 200 SDR 21	349.3 l.f.

Valve Callout
Valve Number
Valve Flow
Valve Size

LENGTH OF PIPE IS APPROX AND BASED ON DIAGRAMATIC LAYOUT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES

THE NEW IRRIGATION FOR THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF APPENDIX F, CONSTRUCTION AND BUILDING CODES FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, OF THE FLORIDA BUILDING CODE. THE EXISTING IRRIGATION SHOWN THAT IS TO REMAIN SHALL BE MODIFIED UNDER SEPARATE CONTRACT TO COMPLY WITH THE REQUIREMENTS OF APPENDIX F.

IT IS THE CONTRACTORS RESPONSIBILITY TO MODIFY OR REPAIR THE EXISTING IRRIGATION DURING THE NEW CONSTRUCTION PERIOD TO PROVIDE FULL COVERAGE OF THE UNAFFECTED LANDSCAPE AREAS.

811 FROM WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's Fast. It's Free. It's the law.
www.callsunshine.com

Scale: 1" = 16'-00"
0 8 16 32 48

North

ARC4 DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON, BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL PLANNING/WETLAND PLANTING
LANDSCAPE ARCHITECTURE LANDSCAPE ARCHITECTURE
20 SOUTHWEST 10TH STREET
FT. LAUDERDALE, FLORIDA 33315
954.525.6312 www.ecoplan-fl.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, SerialNumber=A01410C000001767475B99E00945AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:12:54-05'00'

DOCUMENTS, PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. REUSE OF THIS DESIGN IN WHOLE OR IN PART, BY ANY PERSON OR PERSONS, AND USAGE FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAWN: HP CHECK: JH

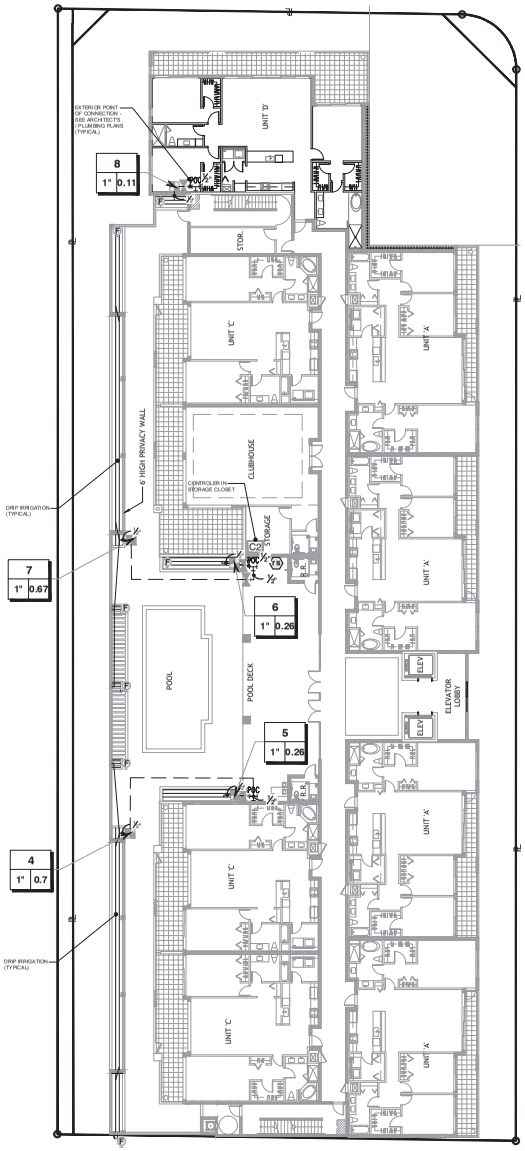
IRRIGATION PLAN

SHEET
LAIR-1

JOB NO. 2023-10 DATE: 8-13-2024

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



2nd FLOOR

IRRIGATION SCHEDULE WORKAREA

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro DZK-700 1" Low Flow Drip Control Valve Kit. With 1in. Irritrol 700 UltraFlow Inline Valve, Toro Y-Filter, Pressure Regulator and Fittings. .10 GPM-30 GPM. Regulated pressure at 40psi	5	
F	Toro T-FCH-H-FIPT Flush Valve, plumbed to flush manifold at low point.	7	
	Area to Receive Dripline Toro RGP-218 Sub-Surface Pressure Compensating Landscape Dripline with ROOTGUARD technology. .53 GPH emitters at 18" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	430.3 l.f.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Shut Off Valve	4	
C2	Toro TMC-424E-ID with (01) TSM-4 8-Station Indoor Controller. 4-Base Station Model with one 4-station expansion module. Standard Surge.	1	
RS	Toro TRS Wired Rain Sensor. Mount as noted or approved, use controller power or optional transformer. Adjust rain shutoff index. Normally-Open or Normally-Closed. Compatible with most controllers.	1	
POC 1"	Point of Connection 3/4"	3	
	Irrigation Lateral Line: PVC Class 200 SDR 21	7.8 l.f.	
	Irrigation Lateral Line: PVC Class 200 SDR 21 1/2"	85.3 l.f.	
	Irrigation Mainline: PVC Schedule 40 1/2"	117.2 l.f.	

Valve Callout
— Valve Number
#" — Valve Flow
— Valve Size

LENGTH OF PIPE IS APPROX AND BASED ON DIAGRAMATIC LAYOUT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES

THE NEW IRRIGATION FOR THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF APPENDIX F, CONSTRUCTION AND BUILDING CODES FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, OF THE FLORIDA BUILDING CODE. THE EXISTING IRRIGATION SHOWN THAT IS TO REMAIN SHALL BE MODIFIED UNDER SEPARATE CONTRACT TO COMPLY WITH THE REQUIREMENTS OF APPENDIX F.

IT IS THE CONTRACTORS RESPONSIBILITY TO MODIFY OR REPAIR THE EXISTING IRRIGATION DURING THE NEW CONSTRUCTION PERIOD TO PROVIDE FULL COVERAGE OF THE UNAFFECTED LANDSCAPE AREAS.

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's free. It's fast. It's the law.
www.callsunshine.com

Scale: 1" = 16'-00"
0 8 16 32 48

North

ARC4 DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2080 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL PLANNING
LANDSCAPE ARCHITECTS
LANDSCAPE ARCHITECTURE
AN ECOLOGICAL SUN GROUP
FT. LAUDERDALE, FLORIDA 33308
954.522.6262 www.ecoplan-fl.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:13:13-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. REUSE OF THIS DESIGN AND ANY ARCHITECTURAL WORK IN OTHER THAN THE SPECIFIC PROJECT NAMED HEREIN IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

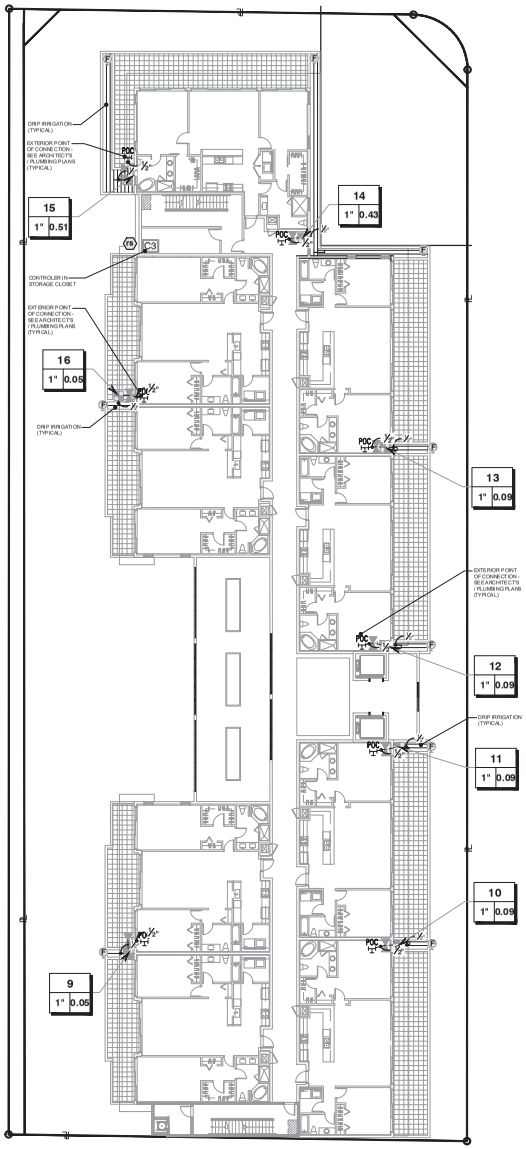
IRRIGATION PLAN 2nd FLOOR

SHEET
LAIR-2

JOB NO. 2023-10 DATE: 8-13-2024

TO THE BEST OF ARCHITECT'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



4th FLOOR

IRRIGATION SCHEDULE FLOOR 4

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro DZK-700 1" Low Flow Drip Control Valve Kit. With 1in. Irritrol 700 UltraFlow Inline Valve, Toro Y-Filter, Pressure Regulator and Fittings. .10 GPM-30 GPM. Regulated pressure at 40psi	8	
	Toro T-FCH-H-FIPT Flush Valve, plumbed to flush manifold at low point.	9	
	Area to Receive Dripline Toro RGP-218 Sub-Surface Pressure Compensating Landscape Dripline with ROOTGUARD technology. .53 GPH emitters at 18" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	285.6 l.f.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Shut Off Valve	8	
C3	Toro TMC-424E-ID with (01) TSM-4 8-Station Indoor Controller. 4-Base Station Model with one 4-station expansion module. Standard Surge.	1	
	Toro TRS Wired Rain Sensor. Mount as noted or approved, use controller power or optional transformer. Adjust rain shutoff index. Normally-Open or Normally-Closed. Compatible with most controllers.	1	
POC 1"	Point of Connection 3/4"	8	
	Irrigation Lateral Line: PVC Class 200 SDR 21	3.5 l.f.	
	Irrigation Lateral Line: PVC Class 200 SDR 21 1/2"	27.7 l.f.	
	Irrigation Mainline: PVC Schedule 40 1/2"	53.7 l.f.	

Valve Callout
- # — Valve Number
- #/# — Valve Flow / Valve Size

LENGTH OF PIPE IS APPROX AND BASED ON DIAGRAMATIC LAYOUT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES

THE NEW IRRIGATION FOR THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF APPENDIX F, CONSTRUCTION AND BUILDING CODES FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, OF THE FLORIDA BUILDING CODE. THE EXISTING IRRIGATION SHOWN THAT IS TO REMAIN SHALL BE MODIFIED UNDER SEPARATE CONTRACT TO COMPLY WITH THE REQUIREMENTS OF APPENDIX F.

IT IS THE CONTRACTORS RESPONSIBILITY TO MODIFY OR REPAIR THE EXISTING IRRIGATION DURING THE NEW CONSTRUCTION PERIOD TO PROVIDE FULL COVERAGE OF THE UNAFFECTED LANDSCAPE AREAS.

811 KNOW WHAT'S BELOW. ALWAYS CALL 811 BEFORE YOU DIG. It's fast. It's free. It's the law. www.callsunshine.com

Scale: 1" = 16'-00"

0 8 16 32 48

North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2080 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL / IRRIGATION / LAKE / PLANTING
LANDSCAPE ARCHITECTS LANDSCAPE ARCHITECTURE
20 SOUTHWEST 10TH STREET
FT. LAUDERDALE, FLORIDA 33315
954.525.6123 www.ecoplan.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, E=, dnQualifier=A01410C000000177E747989E0D0045AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:13:28-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. REUSE OF THIS DOCUMENT IN WHOLE OR IN PART, BY ANY PERSON OR ENTITY OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

IRRIGATION PLAN 4th FLOOR

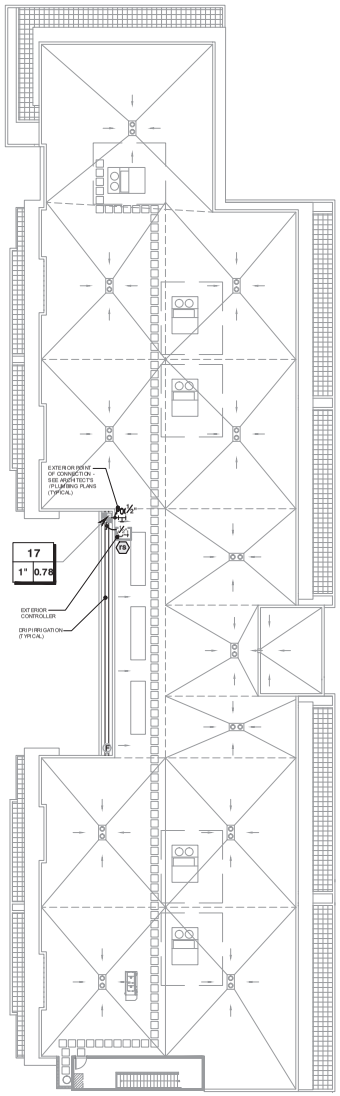
SHEET

LAIR-3

JOB NO.: 2023-10 DATE: 8-13-2024

TO THE BEST OF ARCHITECT'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



ROOF LEVEL

IRRIGATION SCHEDULE ROOF

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro DZK-700 1" Low Flow Drip Control Valve Kit. With 1in. Irritrol 700 UltraFlow Inline Valve, Toro Y-Filter, Pressure Regulator and Fittings. .10 GPM-30 GPM. Regulated pressure at 40psi	1	
	Toro T-FCH-H-FIPT Flush Valve, plumbed to flush manifold at low point.	1	
	Area to Receive Dripline Toro RGP-218 Sub-Surface Pressure Compensating Landscape Dripline with ROOTGUARD technology. .53 GPH emitters at 18" O.C. Dripline laterals spaced at 18" apart, with emitters offset for triangular pattern.	133.2 l.f.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
C-1	Toro TMC-424E-OD 4-Station Outdoor Controller. Base Model. Standard Surge.	1	
RS	Toro TRS Wired Rain Sensor. Mount as noted or approved, use controller power or optional transformer. Adjust rain shutoff index. Normally-Open or Normally-Closed. Compatible with most controllers.	1	
POC	Point of Connection 3/4"	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21 1/2"	3.6 l.f.	
	Irrigation Mainline: PVC Schedule 40 1/2"	4.2 l.f.	

Valve Callout

Valve Number

Valve Flow

Valve Size

LENGTH OF PIPE IS APPROX AND BASED ON DIAGRAMATIC LAYOUT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES

THE NEW IRRIGATION FOR THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF APPENDIX F, CONSTRUCTION AND BUILDING CODES FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS, OF THE FLORIDA BUILDING CODE. THE EXISTING IRRIGATION SHOWN THAT IS TO REMAIN SHALL BE MODIFIED UNDER SEPARATE CONTRACT TO COMPLY WITH THE REQUIREMENTS OF APPENDIX F.

IT IS THE CONTRACTORS RESPONSIBILITY TO MODIFY OR REPAIR THE EXISTING IRRIGATION DURING THE NEW CONSTRUCTION PERIOD TO PROVIDE FULL COVERAGE OF THE UNAFFECTED LANDSCAPE AREAS.

811 KNOW WHAT'S BELOW. ALWAYS CALL 811 BEFORE YOU DIG. It's fast. It's free. It's the law. www.callsunshine.com

Scale: 1" = 16'-00"

0 8 16 32 48

North

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2080 N.W. BOCA RATON BLVD., SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL URBAN DESIGN/PLANNING/LANDSCAPE ARCHITECTURE
LANDSCAPE ARCHITECTURE
20 SOUTHWEST 10TH STREET
FT. LAUDERDALE, FLORIDA 33315
954.524.8123 www.ecoplan-fl.com

Digitally signed by John Harrigan
DN: CN=John Harrigan, dnQualifier=A01410C0000017E747999BE0004SAFA, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:13:53-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. REUSE OF THIS DESIGN AND ANY ARCHITECTURAL WORK DERIVED FROM THIS DESIGN FOR ANY OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAW: HP CHECK: JH

IRRIGATION PLAN ROOF LEVEL

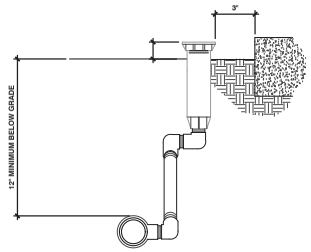
SHEET

LAIR-4

JOB NO.: 2023-10 DATE: 8-13-2024

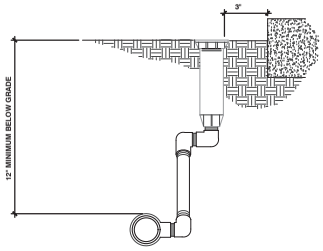
TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED



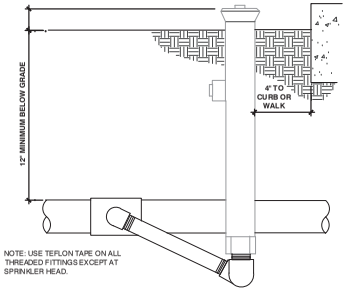
1 GROUNDCOVER SPRAY 6" POPUP W/MARLEX

3" = 1'-0" FX-IR-FX-HEAD-07



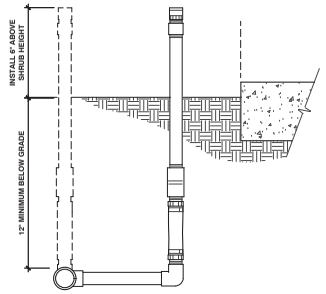
2 TURF SPRAY MARLEX ASSEMBLY

3" = 1'-0" FX-IR-FX-HEAD-03



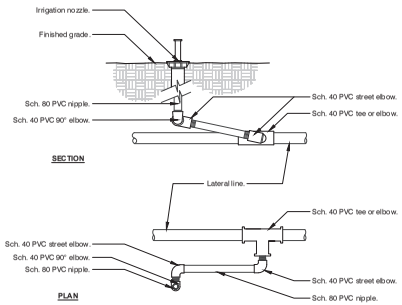
3 SHRUB SPRAY HIGHPOP MARLEX ASSEMBLY

3" = 1'-0" FX-IR-FX-HEAD-09



4 SHRUB SPRAY FIXED RISER

3" = 1'-0" FX-IR-FX-HEAD-06



Note:
1- All threaded connections from Sch. 40 PVC to Sch. 80 PVC shall be made using teflon tape.

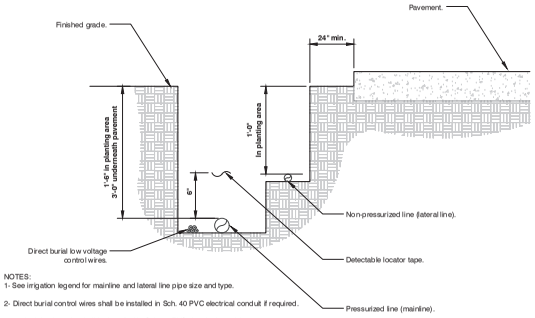
2- Hunter swing joints or approved equal shall be used per approval by the Owner's Representative.

5 SWING JOINT

3" = 1'-0"

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

FX-IR-FX-AUXEQ-06



NOTES:
1- See irrigation legend for mainline and lateral line pipe size and type.

2- Direct burial control wires shall be installed in Sch. 40 PVC electrical conduit if required.

3- 2-wire irrigation wire shall be installed in Sch. 40 PVC electrical conduit.

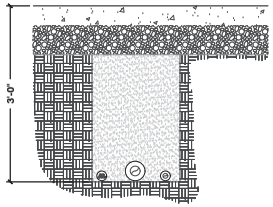
4- Detectable locator tape shall be located six inches (6") above the entire mainline run.

6 IRRIGATION TRENCHING

1 1/2" = 1'-0"

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

FX-IR-FX-AUXEQ-08



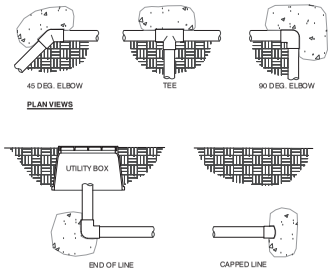
NOTES:

1. SEE IRRIGATION LEGEND FOR MAINLINE SIZE AND TYPE.
2. ALL SLEEVES SHALL BE SCH. 40 PVC PIPE.
3. ALL SLEEVES SHALL EXTEND 12" BEYOND THE EDGE OF PAVEMENT.
4. END OF SLEEVES SHALL BE LOCATED WITH A WOODEN STAKE OR PVC PIPE. LOCATORS SHALL RUN CONTINUOUSLY FROM THE END OF THE SLEEVE TO FINISHED GRADE.

1. PAVEMENT
2. BASE ROCK
3. CLEAN BACKFILL, 95% RELATIVE COMPACTION UNDER PAVING OR PER CIVIL ENGINEER'S PLANS
4. CONTROL WIRES, SLEEVE UNDER PAVING. INSTALL ADJACENT TO PRESSURIZED MAINLINE. BUNDLE SHALL BE NO MORE THAN 50% OF PIPE DIAMETER
5. MAINLINE, SLEEVE UNDER PAVING TO BE TWO TIMES THE DIAMETER OF THE PRESSURIZED MAINLINE PIPE
6. NON-PRESSURIZED LINE, SLEEVE UNDER PAVING TO BE BE TWO TIMES THE DIAMETER OF THE LATERAL LINE

7 PIPE BENEATH PAVEMENT

1" = 1'-0" FX-IR-FX-AUXEQ-05



1. POURED IN-PLACE CONCRETE, 120 LBS. MINIMUM, TYPICAL
2. FINISHED GRADE

8 THRUST BLOCKING

3/4" = 1'-0" FX-IR-FX-AUXEQ-11

GENERAL IRRIGATION NOTES

1. This design is diagrammatic. All piping, valves, etc., shown within paved areas or outside property lines is for design clarification only and shall be installed in landscaped areas within the property boundaries where possible. No irrigation equipment may be installed outside property lines unless otherwise directed.

2. This system has been designed to conform with the requirements of the applicable codes. Should any conflict exist, the requirements of the codes shall prevail.

3. All sprinkler equipment not otherwise detailed or specified shall be installed as per the manufacturer's recommendations and specifications.

4. Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of the larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection. Smallest pipe size shall be 1/2".

5. It is the responsibility of the Irrigation Contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The Irrigation Contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves and laterals through walls, under roadways and paving, etc. The Irrigation Contractor shall also familiarize himself with the landscape plan and coordinate the installation with the Landscape Contractor.

6. Do not willfully install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the Irrigation Contractor shall assume full responsibility for any changes necessary.

7. The Irrigation Contractor shall flush and adjust all sprinkler heads and valves for optimum coverage with no overspray on to walks, streets, walls, etc. To eliminate overspray, low angle and variable arc nozzles may be substituted for standard spray nozzles.

8. All pipe and wire installed beneath paving shall be sleeved in Schedule 40 PVC pipe.

9. All threaded PVC joints shall be made using Schedule 80 PVC nipple stubs and solvent weld couplings. No threaded adapters will be allowed. All other PVC joints shall be of the same type as the specified pipe, i.e., "O" ring or solvent weld.

10. All above ground piping shall be schedule 40PVC, unless other wise specified.

11. All sprinkler heads with flow rates of 7 GPM or less shall be mounted on flex type swing joints. Flex type pipe shall be used for swing joints only and not lateral lines. All sprinkler heads with flow rates greater than 7 GPM shall be mounted on PVC swing joints of the same size as the sprinkler head inlet.

12. All sprinkler heads shown as solid symbols may be mounted on schedule 40 PVC risers. Unless otherwise specified shrub type heads may be substituted for 4" (or less) pop-up heads. Riser height to be determined by plant material. Riser extenders may be used on pop-up heads. All shrub risers shall be Schedule 40 PVC and painted flat or satin black. Risers shall be supported with rebar or angle iron secured by stainless steel damps. All sprinkler heads shown on risers adjacent to public thoroughfares shall be installed 12" (min) from edge of pavement.

13. This system has been designed to provide a 100% coverage with 100% overlap. All water used for irrigation shall be rust free. If a chemical injection system is used in a well water system, the well shall be protected in accordance with Florida state law.

14. Proposed improvements shall be integrated with existing central system. Adjust type and brand of remote control valves as required to work with existing system. It is the contractor's responsibility to coordinate with the Client's Superintendent to provide operable improvements that work with the existing system.

811 KNOW WHAT'S BELOW. ALWAYS CALL 811 BEFORE YOU DIG. It's Fast. It's Free. It's the law. www.callsunshine.com

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2080 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL PLANNING
LANDSCAPE ARCHITECTURE
LANDSCAPE ARCHITECTURE
20 SOUTHWEST 10TH STREET
FT. LAUDERDALE, FLORIDA 33315
954.525.6337 www.ecoplan-fl.com

Digitally signed by John Hartigan
DN: CN=John Hartigan, dnQualifier=A01410C000001767474969E0004 5AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:14:22-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECT. REUSE OF THIS DESIGN AND ANY ARCHITECTURAL WORK PRODUCT IN WHOLE OR IN PART AND/OR FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

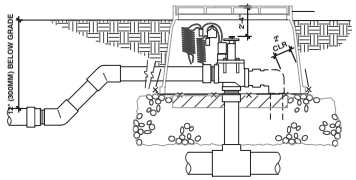
#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAWN: HP CHECK: JH

IRRIGATION DETAILS

SHEET
LAIR-5

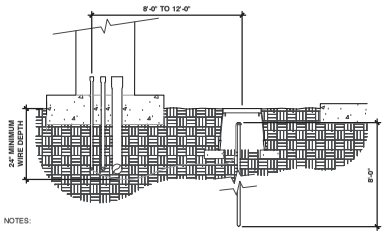
JOB NO.: 2023-10 DATE: 8-13-2024



1. REMOTE CONTROL VALVE AS SPECIFIED, ONE PER BOX.
2. 10X15 RECTANGULAR VALVE BOX.
3. PLASTIC I.D. TAG AT EACH VALVE.
4. WATER PROOF WIRE CONNECTORS ON 30" LOOPED WIRES.
5. 2" (50MM) MINIMUM, 4" (100MM) MAXIMUM BELOW TOP OF BOX.
6. 2" (100MM) ABOVE FINISH GRADE AT SHRUBS.
7. 3/4" (19MM) ABOVE FINISH GRADE AT LAWN.
8. OUTLET PIPE SAME SIZE AS VALVE, 24" MINIMUM (300MM) TO FIRST FITTING.
9. 45 DEGREE DOWN AS REQUIRED TO LATERAL PIPE DEPTH.
10. INCREASE LATERAL LINE SIZE AS PER IRRIGATION PLAN.
11. TWO 6X2X16 CONCRETE BLOCK CAPS, ONE EACH SIDE OF THE BOX.
12. SCHEDULE 80 RISER.
13. MAIN LINE AS OCCURS.
14. 6" (150MM) THICK LAYER OF PEA GRAVEL BASE.

9 REMOTE CONTROL VALVE

1 1/2" = 1'-0" 328413.56-01



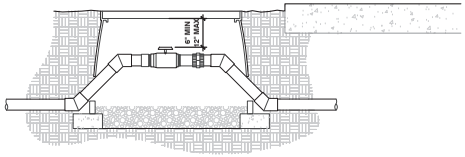
NOTES:

1. ALL GROUNDING REQUIREMENTS FOR CONTROLLERS SHALL CONFORM TO LOCAL ELECTRIC CODES.
2. GROUNDING ROD SHALL NOT BE LOCATED IN THE SAME TRENCH AS IRRIGATION MAINLINES OR LATERAL LINES.
3. VALVE BOX SHALL BE WRAPPED WITH A MINIMUM 3 MIL THICK PLASTIC AND SECURED TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.
4. INSTALL GROUNDING ROD PER THE CONTROLLER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

1. FINISH GRADE
2. PAVEMENT
3. THREE (3) 4" x 8" BRICKS
4. 5/8" x 8'-0" COPPER GROUNDING ROD
5. GROUNDING ROD CLAMP
6. #6 AWG BARE COPPER WIRE
7. 1/2" PVC ELECTRICAL CONDUIT AND SWEEP FOR EARTH GROUND

10 GROUNDING ROD

1" = 1'-0" 328413.56-01



NOTES:

1- LOCATE VALVE BOXES IN PLANTING AREAS.

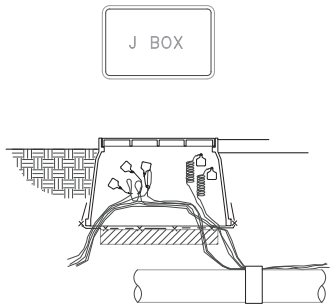
2- WRAP VALVE BOX WITH A MINIMUM OF 3 MIL THICK PLASTIC AND SECURE IT USING DUCT TAPE OR ELECTRICAL TAPE.

3- ALL THREADED CONNECTION TO BE MADE USING TEFLON TAPE.

4- ALL CHANGES IN ELEVATION SHALL BE MADE USING SCH. 40 PVC 45° ELBOWS.

11 BALL VALVE 3" AND SMALLER

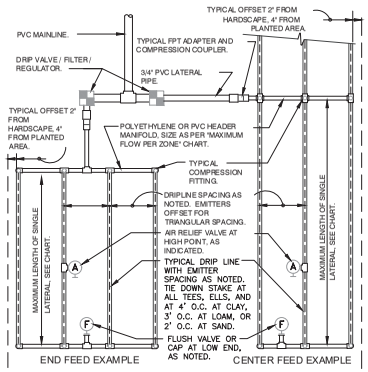
1 1/2" = 1'-0" 328413.56-01



1. VALVE BOX LID, HEAD BRAND "J BOX" ON LID WITH 2" HIGH LETTERS
2. 10" X 15" BOX
3. LOOP, BUNDLE, AND LABEL SPARE WIRES THAT ARE TO CONTINUE, AS OCCURS
4. 1/2" WIRE CLOTH GOPHER PROTECTION SCREEN, WRAP 6" UP SIDES
5. TWO 6" X 2" X 16" CONCRETE BLOCK CPAS, ONE ON EACH SIDE OF BOX
6. SET BOX FLUSH TO GRADE AT LAWN
7. SET BOX 2" ABOVE GRADE AT SHRUBS
8. SPARE WIRES THAT ARE TO TERMINATE AT THIS BOX: COIL 30" LENGTH AND I.D. TAG
9. WIRES TO CONTROLLER
10. MAINLINE AS OCCURS

12 WIRE BUNDLE JUNCTION BOX

1 1/2" = 1'-0" 328413.56-01



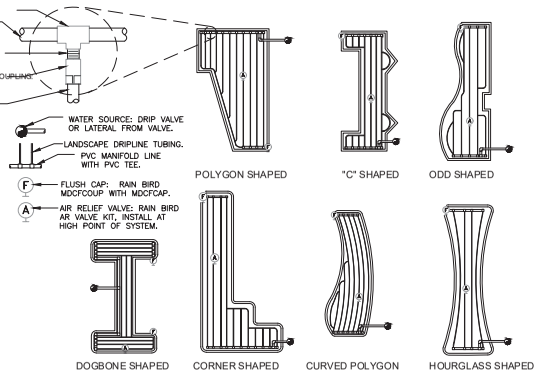
MAXIMUM LATERAL LENGTH (FEET)						
	EMITTER FLOW RATE GPH					
	12" SPACING		18" SPACING		24" SPACING	
PSI	0.6	0.9	0.6	0.9	0.6	0.9
10	125	96	175	135	218	171
20	249	191	350	171	442	340
30	307	236	434	333	550	422
40	350	268	495	380	627	171
50	125	96	175	135	218	171
60	125	96	175	135	218	171

GRID PRECIPITATION RATES (IN/HR)			
EMITTER SPACING	LATERAL SPACING	EMITTER FLOW RATE	
		0.6	0.9
12	12	0.96	1.44
18	18	0.69	1.03
24	24	0.28	0.41

LATERAL FLOW PER 100 FT (GPM)			
EMITTER FLOW	12" SPACING	18" SPACING	24" SPACING
0.6 GPH	1.0 GPM	0.67 GPM	0.50 GPM
0.9 GPH	1.5 GPM	1.0 GPM	0.75 GPM

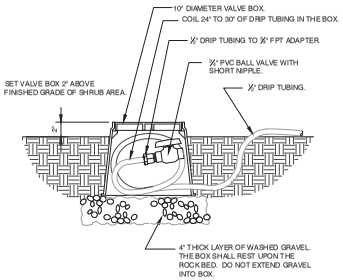
MAXIMUM FLOW PER ZONE		
	MAX GPM	PSI LOSS
SCHEDULE 40 PVC HEADER SIZE		
1/2"	4.7 GPM	7.7 PSI
3/4"	8.3 GPM	5.6 PSI
1"	13.5 GPM	4.2 PSI
1-1/2"	33.9 GPM	2.9 PSI
2"	52.4 GPM	1.9 PSI
POLY PIPE HEADER SIZE		
1/2"	4.7 GPM	8.8 PSI
3/4"	8.3 GPM	6.3 PSI
1"	13.5 GPM	4.8 PSI
1-1/2"	31.8 GPM	2.9 PSI
2"	52.4 GPM	2.2 PSI

SLOPED CONDITION NOTE:
1. DRIPLINE LATERALS SHOULD FOLLOW THE CONTOURS OF THE SLOPE WHENEVER POSSIBLE.
2. INSTALL AIR RELIEF VALVE AT HIGHEST POINT.
3. NORMAL SPACING WITHIN THE TOP ⅔ OF SLOPE.
4. INSTALL DRIPLINE AT 25% GREATER SPACING AT THE BOTTOM ⅓ OF THE SLOPE.
5. WHEN ELEVATION CHANGE IS 10 FT OR MORE, ZONE THE BOTTOM ⅓ ON A SEPARATE VALVE.



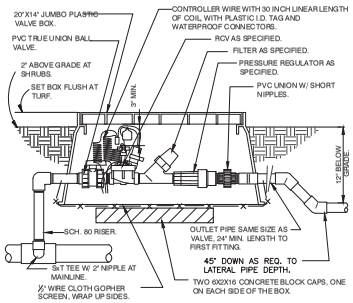
13 TYPICAL RAIN BIRD DRIPLINE REQUIREMENTS

N.T.S. 328413.56-01



14 DRIP FLUSH VALVE

1 1/2" = 1'-0" 3284 13.49-03



15 1" DRIP VALVE/FILTER/REGULATOR

1 1/2" = 1'-0" 328413.76-23

KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's a law! It's free. It's the law.
www.callsunshine.com

TO THE BEST OF ARCHITECTS KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. PALM BEACH COUNTY AMENDMENTS 110.8.4.4.

COPYRIGHT©2023 ARC4 DESIGN. ALL RIGHTS RESERVED

DESIGN
ARCHITECTURE
PLANNING
INTERIORS
2060 N.W. BOCA RATON BLVD.
SUITE 2
BOCA RATON, FL 33431
TEL: 561-392-3848
WWW.ARC4DESIGN.COM

ECOPLAN
ECOLOGICAL PLANNING AND PLANTING
LANDSCAPE ARCHITECTS LANDSCAPE ARCHITECTURE
20 SOUTHWEST 10TH STREET
FT. LAUDERDALE, FLORIDA 33315
954.525.6267 Fax 954.525.6268

Digitally signed by John Harrigan
DN: CN=John Harrigan, dnQualifier=A01410C000001 7E747989AE0004 5AF4, O=ECOPLAN INC., C=US
Date: 2025.01.08 10:14:46-05'00'

DOCUMENTS PREPARED AS INSTRUMENTS OF SERVICE AND ALL DESIGN INFORMATION SHOWN HEREIN ARE PROVIDED IN CONFIDENCE AND REMAIN THE COPYRIGHTED AND SOLE PROPERTY OF ARC4 DESIGN ARCHITECTS. REUSE OF THIS DESIGN IN WHOLE AND IN PART, INCLUDING ANY PLANS AND DRAWINGS FOR OTHER THAN THE SPECIFIC PROJECT NAMED HEREON IS STRICTLY PROHIBITED WITHOUT EXPRESSED WRITTEN CONSENT OF ARC4 DESIGN. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF LAW. ONLY COPIES MADE FROM THE ORIGINAL OF THIS DRAWING AND BEARING AN ORIGINAL INKED OR EMBOSSED SEAL AND SIGNATURE OF THE ARCHITECT SHALL BE CONSIDERED VALID COPIES.

ÓNIX
DELRAY BEACH

318 DELRAY BEACH MIXED USE

318 S.E. 5TH AVE.
DELRAY BEACH
FL 33483

SITE PLAN

REVISIONS

#	DATE	REVISION	BY
5	3-2-23	REV	JH
6	3-10-23	REV	JH
7	3-28-24	REV	JH
8	7-26-24	REV	JH
9	8-14-24	REV	JH
10	11-7-24	REV	JH
11	01-7-25	REV	JH

DRAWN: HP CHECK: JH

IRRIGATION DETAILS

SHEET
LAIR-6

JOB NO. 2023-10 DATE: 8-13-2024