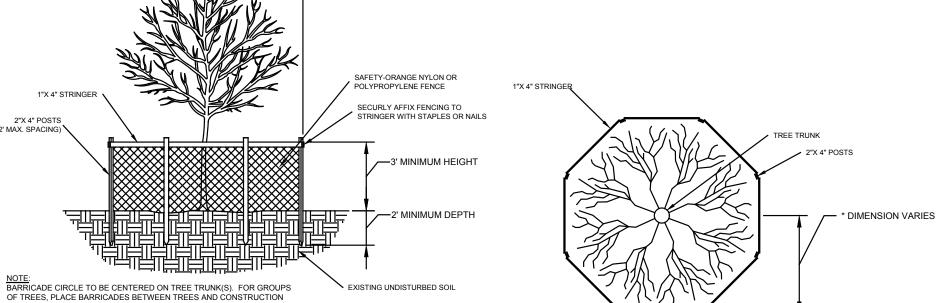




All invasive exotic plants must be removed from the property The site shall be maintained "exotic free" in perpetuity



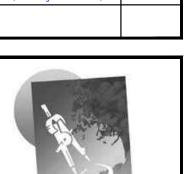
A Licensed tree trimmer or Certified Arborist shall submit aTree/Scrub/Vegetation Removal application, at the time of Building Permit Application. NOTE: FOR GROUPS OF TREES, PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY.

www.callsunshine.com

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TAC staff comments TAC staff comments AC staff comments AC staff comments

REVISION



LBLA, Inc.

Landscape Architecture

5610 Adair Way Lake Worth, FL 33467 Phone: 561-644-3237 .benderLarch@gmail.com FL-LA6666715

ROJECT ARCHITECTS: ARCHITECT

250 Park Avenue. Suite 510 Winter Park, Fl. 32789

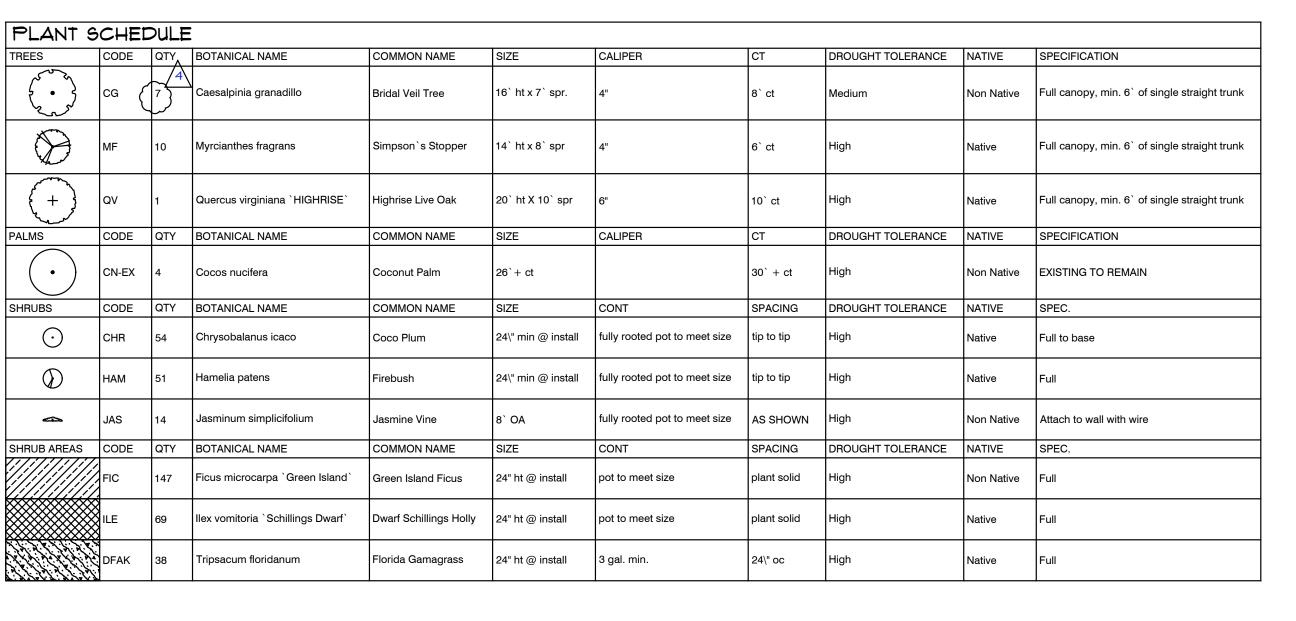
info@zyscovich.com

t 407.674.1959

w www.zyscovich.com

ATLANTIC SITE 2 SCALE: 1" = 20'-0" JULY 29, 2021

OF 1 SHEETS



Search keyword or item # Q

Square Planter

Containers should be the kind that "wick away moisture": terra-cotta, glazed with

t is optional, but utilizing 'weed block fabric' between the potting soil and the

Provide a proper planting soil mixture; one that is lightweight and contains polymers for water retention and wicking away the moisture, within the root zone

Use orchid bark, pine bark nuggets or mulch to "dress-up" the top of the soil and assist with water retention, within the containers.

terra-cotta linings, composite, etc.

rocks can help with soil leakage.

An automatic properly functioning underground irrigation system with a rain sensing cutoff device shall be designed and installed in compliance with the SFWMD, Florida Building Code and city Building Code requirements. The rain sensing cutoff device shall be located and installed in such a manner that the building eaves, balconies and similar overhangs do not interfere with the operation of the device. The irrigation system shall be properly maintained in good working order and provide a minimum coverage of

Per LDR 4.6.16(F): Complete Irrigation Design Plans shall be provided at time of Building Permit

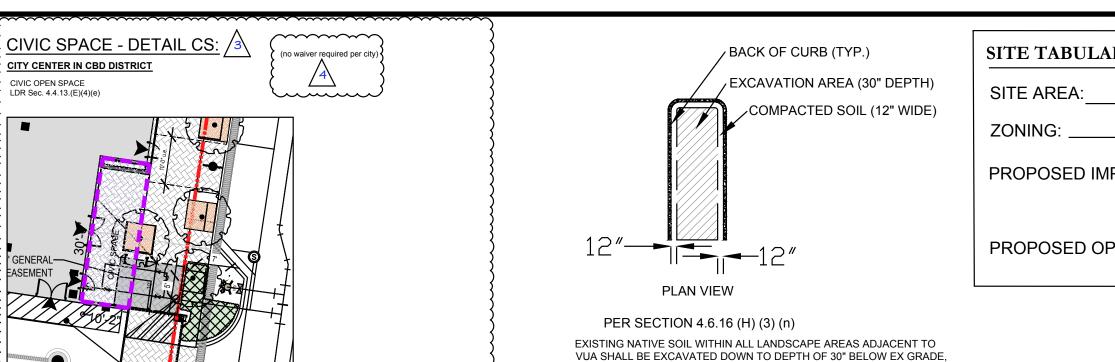
ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM, AUTOMATICALLY OPERATED, TO PROVIDE

SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY

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

SHRUBS ARE REQUIRED ALONG FOUNDATION VISIBLE TO STREET (where applicable) PLUS ALL EQUIPMENT, A/C, P/E, ETC. SHALL

in the bottom. (if applicable to selected pot)



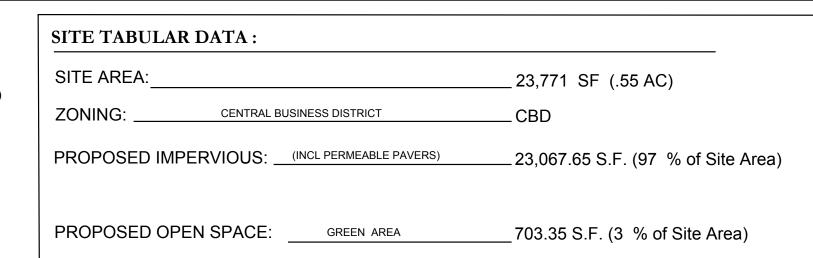
EXCEPT FOR A 12" BUFFER FROM INSIDE OF CURB OR PAVEMENT.

PLANTER POTS ON COLUMNS, TYP. (SEE ARCH. PLANS FOR

Note: Provide structural soils under sidewalk & root barriers for all street tree plantings. Refer to sheet LP2 STATE ROAD 806

66' Public Right-of-way (P)

EAST ATLANTIC AVENUE





Covered Brick

Address #302

6893± Square Feet (within Parcel A)

Two Story Masonry Building

BLOCK 93

Building Face

PROJECT ARCHITECTS ZYSCOVICH ARCHITECT

LBLA, Inc.

∟andscape Architecture

5610 Adair Way

Lake Worth, FL 33467

Phone: 561-644-3237

.benderLarch@gmail.com

FL-LA6666715

REVISION

TAC staff comments

TAC staff comments

TAC staff comments

TAC staff comments

t 407.674.1959 info@zyscovich.com

250 Park Avenue, Suite 510 Winter Park, Fl. 32789 w www.zyscovich.com

Δ\_

PROJECT NO.	CADD I.D.				
19-014	ATLANTIC SITE 2				
DRAWN BY :					
	LMB				
CHECKED BY:					
	LMB				
SCALE:					
1" = 20'-0"					
DATE :					
JULY 29, 2021					
SHEET:					

OF 2 SHEETS

MINIMUM OVERALL LANDSCAPE PER SEC. 4.6.16 CITY OF DELRAY BEACH REQUIREMENTS ENTRAL BUSINESS DISTRICT (CBD) CENTRAL ZONING CATEGORY PROVIDED EASEMENT Special landscape regulations for properties within the Centra T PROPOSED @ GRADE LEVEL: e islands shall be a minimum of ten feet in length. One palm tree and associated understory plantings shall be located in each integral to the plant and integration in the plant and in the plant a corner intersection island with understory 4 ex. Coconut Palms ON STREET LANDSCAPE ISLANDS @ INTERSECTIONS - LDR Sec. ocated in each island and shall not pose a hazard to lantings provided (plus 1 canopy tree of understory plantings East R/W Boundary SE 3rd ave corner island) of FEC Railway ( ON STREET LANDSCAPE ISLANDS @ DRIVEWAY ISLANDS - LDR Sec. One accent tree or palm and associated understory plantings shall be located in each island and shall not 2 accent trees or palms ( ot applicable - this area under building. each @ both sides of drive (not an open parking lot) oose a hazard to site visibility Each island shall be a minimum of 22 feet in length and 3 canopy trees @ on- stree ON STREET LANDSCAPE ISLANDS @ PARALLEL PARKING ISLANDS canopy trees + understory plantings TYP. (SEE ARCH, PLANS FOR 3 Bridal Veil Trees tain at least one canopy tree and associated provided both sides plantings WEST : FCC RAILROAD ROW CBD - CENTRAL CORE (ZERO OR 5' SETBACK) FEET -  $\frac{3}{8}$  INCHES & 4 FEET -  $\frac{5}{8}$  INCH SOUTH: VACANT LOT (CBD) BD - CENTRAL CORE (ZERO OR 5' SETBACK) ZERO OR 5' SETBACK 0 FEET - 1 INCH **CIVIC OPEN SPACE** 4.4.13.(G)(2)(h) 50.00' (F) 2 Bridal Veil Tree /3\ /4\ 250 s.f. min. - One shade tree per 20 feet of the spac CIVIC OPEN SPACE TREES LDR Sec 4.4.13.(E)(4)(e overed arcade provide plus raise FRONTAGE / STREETSCAPE STANDARDS planter pots on each building column

10 Simpson Stopper Trees One street tree 30 l.f. on center (348 l.f. / 30 = 11.6 ) 12 STREET TREES CBD STREET TREES LDR Sec. 4.4.13(E)(2)(b) 12 STREET TREES 2 Bridal Veil Trees the property owner shall be required to enter into a maintenance reement, in a form acceptable to the City Attorney, requiring the propert owner to be responsible for and maintain any tree grates, irrigation, and GENERAL UTILITY 1 High Rise Oak Tree ADDITIONAL SITE TREE ADDITIONAL CREDIT FOR ON-SITE MITIGATION ↑ 18 TREES & 4 EX. PALMS TOTAL NUMBER OF TREES NATIVE & DIVERSIFICATION ATIVE TREES & PALMS - LDR Sec. 4.6.16 (D)(2)(c)(iii) 4 EX. PALMS IN CORNER ERSECTION ISLANDS TO REMA NATIVE SHRUBS, ACCENTS & GROUNDCOVERS - 4.6.16 (D)(2)(c)(iii) City of Delray Beach Standard Details: LD1.1 & LD 1.2" LIMITS OF PROP-GENERAL UTILITY EASEMENT RE-SUBDIVISION OF BLOCK 93 PALM BEACH COUNTY, FLORIDA Plat Book 10, Page 53

1" = 20' - 0"

Any Trees or Shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach

PLANTER POT SUGGESTIONS:

PLANT SPECIES FOR STOREFRONTS FACING NORTH/EAST

PLANT SELECTION & QUANTITIES TBD BY CONTRACTOR

All newly planted trees & palms shall have bubblers.

(CITY NOTES SHALL APPEAR ON ALL PLANS)

MULCH SHALL BE APPLIED TO A MINIMUM DEPTH OF THREE (3) INCHES IN ALL PLANTING BEDS.

Provide Drip Line to Planter Pots where feasible.

ALL PLANT MATERIAL SHALL BE FLORIDA #1 GRADE OR BETTER.

CURBING WILL INTERFERE WITH THE DRAINAGE.

THREE (3) PALMS ARE EQUIVALENT TO ONE (1) SHADE TREE.

ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE.

COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED..

100% with 100% overlap.

Search keyword or item # Q Passwo

VP1207 FeatherStone Trend Tall Squar

All invasive exotic plants must be removed from the property.

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The site shall be maintained "exotic free" in perpetuity.

**EASEMENT** 

VACANT LOT Remainder of Block 85

Plat Book 1, Page 3

THE TOWN OF LINTON, FLORIDA

PROPOSED LANDSCAPE PLAN

1. ALL ROOT BARRIERS SHALL BE 4' MINIMUM FROM ALL CITY FACILITIES.

barriers installed. Refer to sheet LP2 for Details.

2. THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.

. ROOT BARRIERS SHALL BE MINIMUM 36" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.

4. ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

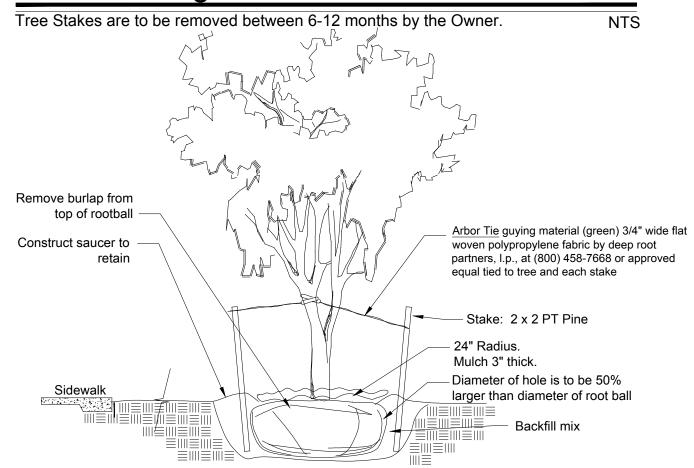
TYPICAL TREE WITH ROOT BARRIER LD 1.1

Per LDR 4.6.16(D)(4)(b) "Trees shall not be planted within ten (10') feet of any underground utility. NOTE: City of

Delray Beach Engineering Standards allow trees to be planted to within four (4') feet of utility lines, with proper root

1. THIS DISTANCE SHALL BE 10' MINIMUM FROM ALL CITY FACILITIES IF NO ROOT BARRIER IS USED.

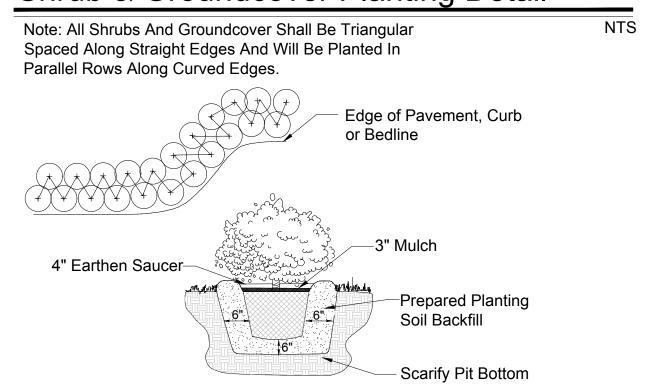
### **Tree Planting Detail**



be 3x larger than

diamater of root ball

### Shrub & Groundcover Planting Detail



## City of Delray Beach Standard Details: LD1.1 & LD 1.2"

QUALITY: All plants shall be Florida No.1 or better as given in Grades & Standards for Nursery Plants, Parts I and II, latest edition published by the Florida Department of Consumer Services.

The contractor shall personally examine the project site and fully acquaint himself with all of the existing conditions in order that no misunderstanding may occur

DRAWINGS: Drawings are part of thhis contract. Any discrepencies between the drawings and specifications shall be brought to the attention of the owner at time of bid.

include all construction and maintenance/watering of all planting areas of this Contract until accepted by the Owner.

REPLACEMENT: All plant replacements shall be done with the same size and species of plant that was specified.

measured from the ground at the time of installation to a point one-quarter the length of the unopened bud below the bud tip.

SOD: Sod shall be measured on the basis of square footage. Contractor shall be responsible for coverage of the square footage shown on the plans.

FERTILIZER: Two fertilizers shall be used in all types of plantings except palms. Granular fertilizer shall be uniform in composition, dry and free flowing.

PRUNING: Each plant shill be pruned to complement the natural character of the tree. All dead and brown fronds, leaves, branches shall be removed.

TREE GUYING AND BRACING: Firmly stake or guy all trees in accordance with the plans and planting details immediately after planting to prevent wind damage.

MULCH: Apply 3" Non-cypress mulch to all planting areas. Keep mulch from piling up along the base of the tree and shrubs. Mulch to be measured after compaction.

SUBSTITUTIONS: Any substitutions made for any reason must be approved by the owner.

RESEARCH: Contractor shall research plans and site to determine present location of utilities and obstructions before commencing work. Contractor shall ensure that before he commences work that all necessary permits have been obtained.

SCOPE: Under this contract, the work consists of furnishing all labor, material, equipment, transportation, etc., to complete all landscaping work as shown on the Drawings, as included in the Plant List and as herein specified. Work shall

WARRANTY: All trees shall be warrantied for a period of 1 year. All shrubs and groundcovers shall be warrantied for a period of 90 days, and sod shall be warrantied for a period of 30 days. Warranty begins at time of acceptance. All warranties

SAMPLES: Samples of any landscape material may be required for approval on the site or as otherwise determined by the Owner. Upon approval of samples (i.e. mulch, planting soil, plant varieties, etc.) by the Owner, delivery of material

CONTAINER GROWN MATERIAL: All container grown materials shall be healthy vigorous, well rooted plants, and established in the container so that the root mass will retain its shape and hold together when removed from the container.

PALMS: Only a minimum numer of fronds shall be removed from the crown of palm trees to facilitate moving and handling. Cabbage palm heads shall be tied with a burlap strip per the following procedure: The first (inside) row of fronds contiguous to bud shall be removed. The next 3-4 rows shall be tied to bud for support. The remaining (lower) fronds shall be removed. Tied fronds and bud tip shall not be clipped. Burlap strip shall be left in place until the tree is well

PALMS: Clear trunk (c.t.) shall be measured from the ground at time of installation to the point where the mature green portion of the tree. Caliper shall be measured at breast height. Overall height (OA) shall be

SHRUBS: Height shall be measured from the ground to the average point where mature plant growth stops. Spread shall be measured to the end of branching equally across the shrub mass. Measurements are not to include any terminal

The landscape contractor shall be responsible for fine grading of the site. This means that the site shall be brought within 1" of final grade so that the landscape contractor will be able to perform final grading. All landscape areas, sod areas, are to

SOIL: Planting beds shall contain good soil, complete with organic sand mix. There shall be no construction debris, rock larger than 1" within bed areas. Soil shall be dark grey-brown in organic color and shall have good drainage characteristics.

No Additional compensation will be granted, after bid has been let for any hardships the contractor may encounter in the performance of his duty. Any discrepencies or errors not addressed at the time of bid.

The contractor shall be responsible for all planting/ maintenance of plants until acceptance by Owner. Contractor shall protect all existing structure, plants etc., from damage during the construction process.

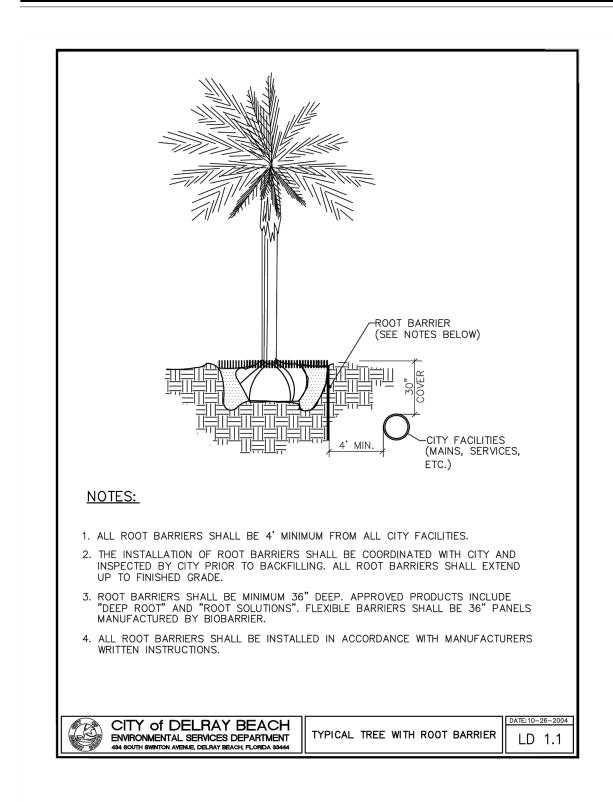
WATER: It is the contractors responsibility to obtain and adequately water the plants during the duration of the installation phase. All plants shall be freshly dug, healthy and be well branched, free form disease and insects.

may begin. Approved samples shall be stored on the site and protected until furnishing of materials is completed. Plant samples be planted in permanent positions, but labeled as samples.

SHADE TREES: Height shall be measured from the gorund to the avg. height of canopy. Spread shall be measured to the average outer edge. Single trunk trees shall be free from low-crotches.

The Landscape Architect shall review all layout prior to planting. If the bed and shrub layout is not inspected prior to planting, the Landscape Architect reserves the right to relocate the plants.

This fertilizer shall be 6-6-6 Nitrogen-Phosphorous-Potassium. Tablet Fertilizer (Agriform or equal) in 21 gr size, shall meet the following requirements: 20% Nitrogen, 10% Phosphorous, 10% Potassium.



Planting Specifications

All damage shall be repaired at the contractors expense

SOD: Time delivery so that sod will be placed within 24 hours after.

Soil within planting beds shall not be compacted.

The two fertilizers will be applied at the following rates:

1/2 lb.

2 lbs./1" cal. 3 lbs./1" cal.

BACKFILL/SOIL MIX

50% existing soil

pH: 5.5 - 7.0

1. PLANT SIZE

1 gal.

7-15 gal.

1"-6" caliper

PLANT LAYOUT: All bed areas shall have planting laid out prior to planting.

All compacted sub-base/ shell is to be removed from all landscape areas

50% decomposed organic matter (muck) 100% Potting Soil

6-6-6 "AGRIFORM" TABLET (21 GRAM)

2/1" caliper

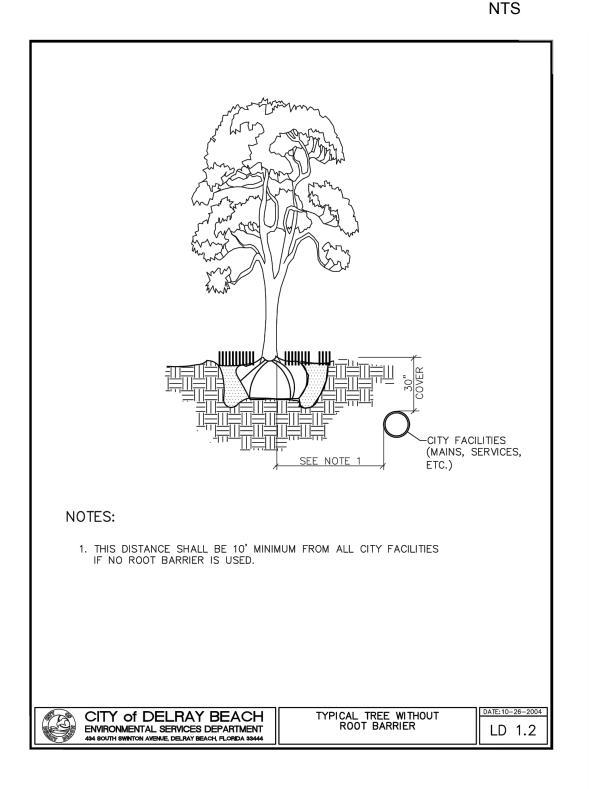
WEED CONTROL: All landscape areas shall be free of nut grass, torpedo grass, and other noxious weeds.

PLANT MAINTENANCE: Contractor shall maintain all plants until final acceptance by owner.

2. Magnesium sulfate or "Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper.

CLEAN-UP: Contractor shall clean site area every day. The site shall be devoid of all rubbish, landscape debris, containers.

be fine graded.



### LANDSCAPE NOTES: (CITY NOTES SHALL APPEAR ON ALL PLANS)

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.

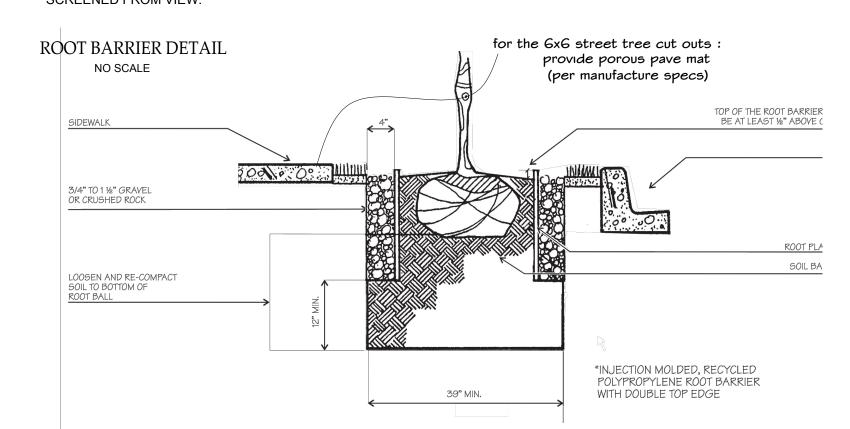
THREE (3) PALMS ARE EQUIVALENT TO ONE (1) SHADE TREE.

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.

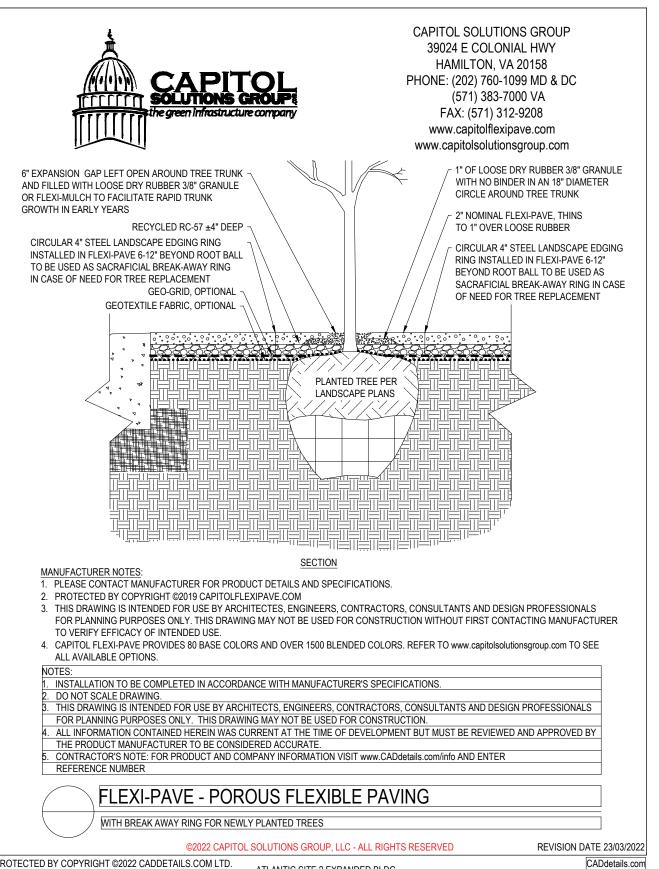
SHRUBS ARE REQUIRED ALONG FOUNDATION VISIBLE TO STREET (where applicable) PLUS ALL EQUIPMENT, A/C, P/E, ETC. SHALL BE SCREENED FROM VIEW.



- All Plants shall be Florida No.1 or better
- Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements.
- Contractor shall verify all quantities indicated at time of bid.
- Contractor shall provide unit prices at time of bid.
- All contractors working on the project shall be licensed and fully insured as required. Tree and palm staking shall be removed between 6 and 12 months after planting.

### STRUCTURAL SOILS

The use of structural soil is required in paved sites to provide adequate soil volumes do for the tree roots under pavement. This is to be provided at a minimum of 8' radii off tree trunks.



BACK OF CURB (TYP.)

PLAN VIEW

PER SECTION 4.6.16 (H) (3) (n)

EXISTING NATIVE SOIL WITHIN ALL LANDSCAPE AREAS ADJACENT TO

VUA SHALL BE EXCAVATED DOWN TO DEPTH OF 30" BELOW EX GRADE

EXCEPT FOR A 12" BUFFER FROM INSIDE OF CURB OR PAVEMENT.

EXCAVATION AREA (30" DEPTH)

COMPACTED SOIL (12" WIDE)

and installed in compliance with the SFWMD, Florida Building Code and city Building Code requirements. The rain sensing cutoff device shall be located and installed in such a manner that the building eaves, balconies and similar overhangs do not interfere with the operation of the device. The irrigation system shall be properly maintained in good working order and provide a minimum coverage of 100% with 100% overlap.

Per LDR 4.6.16(F): Complete Irrigation Design Plans shall be provided at time of Building Permit Applications.

All invasive exotic plants must be removed from the property The site shall be maintained "exotic free" in perpetuity.



REVISION TAC staff comments 3/30/22 TAC staff comments 6/30/22 TAC staff comments TAC staff comments



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PROJECT ARCHITECTS ZYSCOVICH 250 Park Avenue Suite 510 Winter Park, Fl. 32789

t 407.674.1959 info@zyscovich.com w www.zyscovich.com

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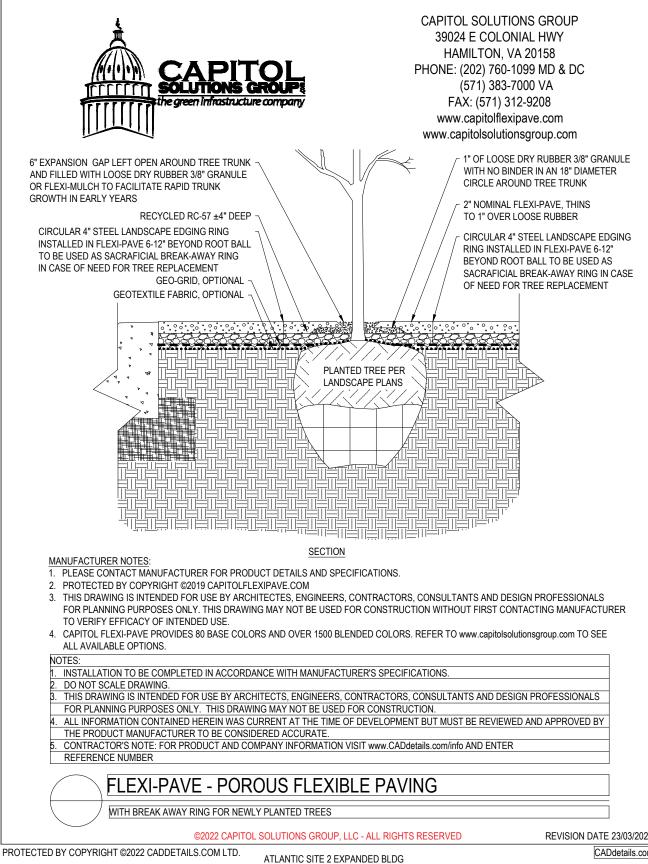
 $\checkmark$ 

LYNN M BENDER

19-014 ATLANTIC SITE DRAWN BY CHECKED BY SCALE: 1" = 20'-0" JULY 29, 2021

OF 2 SHEETS

### Flexi-Pave installation Detai



An automatic properly functioning underground irrigation system with a rain sensing cutoff device shall be designed

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PROPERTY LINE / R.OW. LINE

EAST ATLANTIC AVENUE

6x6 planter w/ flexi-pave

Note: Provide structural soils under sidewalk & root barriers for all street tree plantings. Refer to sheet LP2 for Details

NEW STREET LAMP, TYP

O.H.W.

PLANTER POTS ON COLUMNS, TYP. (SEE ARCH. PLANS FOR PLANTER DETAIL) \

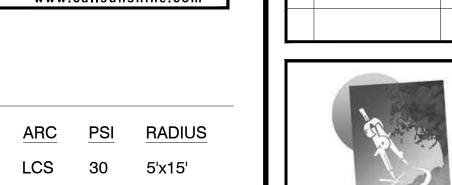




### IRRIGATION SCHEDULE

	IN OUTLINGE						
SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	RADIUS		
	Hunter PROS-12 5` strip spray	4	LCS	30	5'x15'		
Â	Hunter PROS-12 5` strip spray	6	RCS	30	5'x15'		
	Hunter PROS-12 5` strip spray	12	SST	30	5'x30'		
8	Hunter PROS-12 8` radius	15	180	30	8'		
(8)	Hunter PROS-12 8` radius	3	90	30	8'		
•	Hunter PROS-12 10` radius	8	180	30	10'		
<b>®</b>	Hunter PROS-12 10` radius	2	90	30	10'		
(12)	Hunter PROS-12 12` radius	4	90	30	12'		
	Hunter PCB 50	22	360	30	3'		
SYMBOL	MANUFACTURER/MODEL	QTY					
	Hunter PGV-101G 1"	2					
	Hunter PGV-151 Globe 1-1/2"	1					
BF	Febco 765 2"	1					
С	Hunter PC-400	1					
$\langle {\sf R} \rangle$	Hunter RAIN-CLIK	1					
М	Water Meter 3"	1					
	— Irrigation Lateral Line: PVC Class 200 SDR 21 1"	810.2 l.f.					
	— Irrigation Lateral Line: PVC Class 200 SDR 21 1 1/4"	219.7 l.f.					
	— Irrigation Mainline: PVC Class 200 SDR 21 1 1/4"	83.0 l.f.					
	Pipe Sleeve: PVC Schedule 40 2"	135.7 l.f.	135.7 l.f.				
======	Pipe Sleeve: PVC Schedule 40 4"	132.7 l.f.					
	Valve Callout						
# •	Valve Number						

Valve Flow



LBLA, Inc. Landscape Architecture 5610 Adair Way Lake Worth, FL 33467 Phone: 561-644-3237 LbenderLarch@gmail.com

FL-LA6666715

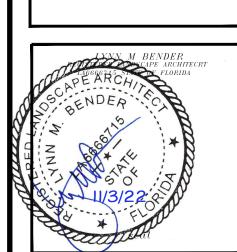
REVISION

TAC REV 4 COMMENTS (LP modified per civils)

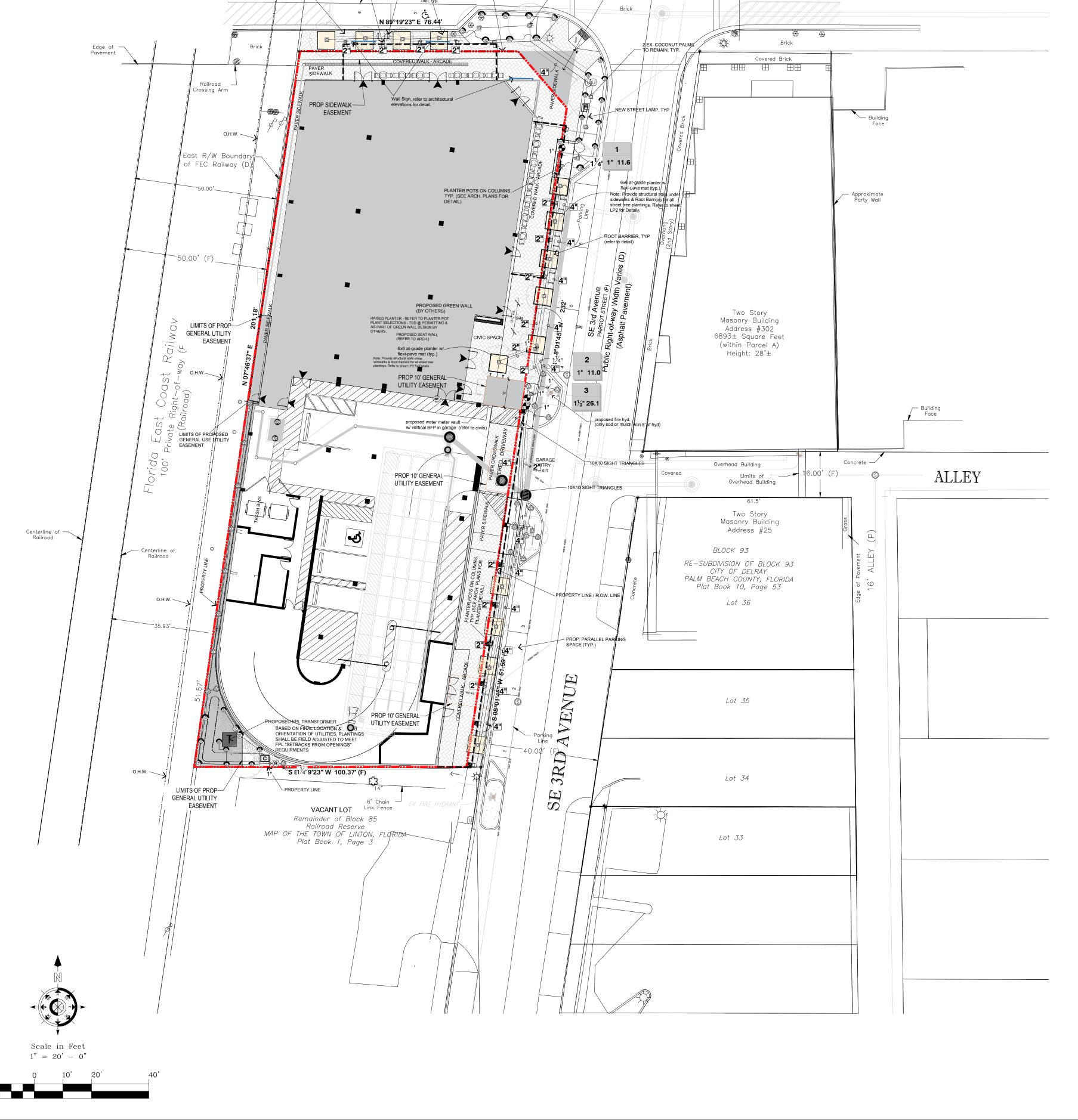
PROJECT ARCHITECTS: ZYSCOVICH 250 Park Avenue, Suite 510 Winter Park, Fl. 32789 t 407.674.1959

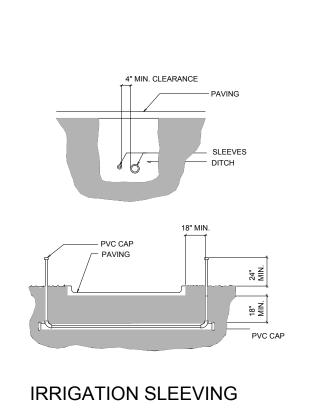
e info@zyscovich.com w www.zyscovich.com

OSED

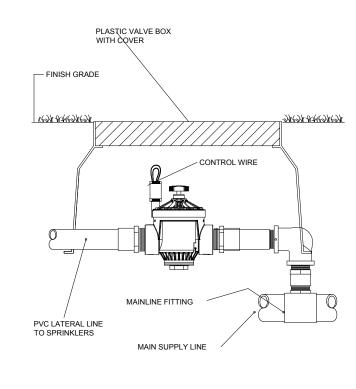


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١.		
	PROJECT NO. 19-014	CADD I.D. ATLANTIC SITE 2
	DRAWN BY :	JA
	CHECKED BY :	
		LMB
	SCALE:	1" = 20'-0"
	DATE :	
	JUL	Y 01, 2022
	SH	HEET:
	IF	R-1
	<b>1</b> OF	2 SHEETS

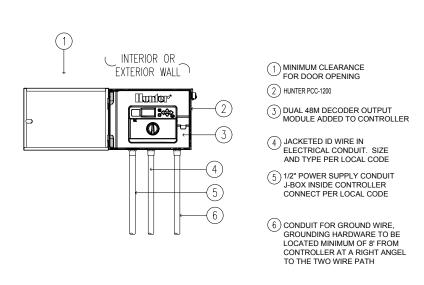




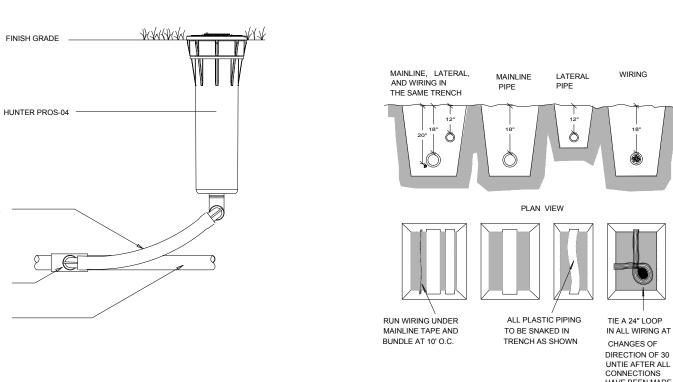
PIPE AND WIRE TRENCH

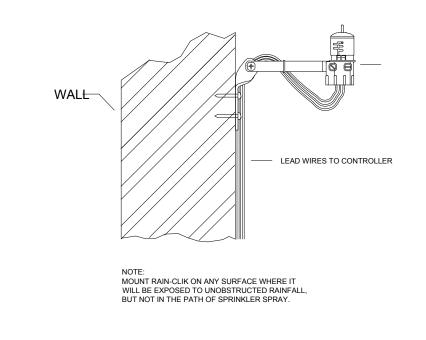


REMOTE CONTROL VALVE



**HUNTER PRO-C CONTROLLER** 





HUNTER RAIN-CLIK RAIN SENSOR

### **IRRIGATION SPECIFICATIONS**

- 1. IRRIGATION POINT OF CONNECTION SHALL BE CAPABLE OF DELIVERING A VARIABLE FLOW RATE OF 30 GPM AT A CONSTANT PRESSURE OF 50 PSI DOWNSTREAM OF BACKFLOW PREVENTION DEVICE.POINT OF CONNECTION SHELL BE ABLE TO MAINTAIN THE MAXIMUM FLOW RATE AND PRESSURE FOR THE DURATION OF AN IRRIGATION CYCLE. CONTRACTOR SHALL VERIFY THESE PARAMETERS PRIOR TO CONSTRUCTION, AND NOTIFY OWNER'S REPRESENTATIVE AND IRRIGATION CONSULTANT IF THEY CANNOT BE MET.
- 2. IF THE POINT OF CONNECTION EXCEEDS THE ABOVE PRESSURE REQUIREMENTS, A PRESSURE REGULATOR SHALL BE INSTALLED AT THE OWNER'S EXPENSE. PRESSURE REGULATOR SHALL BE SET AT THE PRESSURE RECOMMENED ABOVE.
- 3. AN PVB TYPE BACKFLOW PREVENTION DEVICE SHALL BE INSTALLED IN A MANNER SATISFYING LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS.
- 4. POWER FOR THE IRRIGATION CONTROLLER, PUMP AND OTHER ELECTRICAL COMPONENTS SHALL BE PROVIDED BY OTHER. CONTRACTOR SHALL VERIFY POWER AVAILABLE MEETS THE REQUIREMENTS OF THE COMPONENT'S MANUFACTURER. IF POWER AVAILABLE IS INADEQUATE, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- 5. IRRIGATION SYSTEM IS DISPLAYED SCHEMATIC IN NATURE. MINOR FIELD ADJUSTMENTS MAY BE NECESSARY TO ACCOMMODATE FOR LANDSCAPING CHANGES, PLANTING BEDS OR OTHER OBSTRUCTIONS. THESE ADJUSTMENTS MAY BE MADE ONLY AFTER NOTIFYING THE OWNER'S REPRESENTATIVE.
- 6.SOME IRRIGATION COMPONENTS AND PIPING ARE SHOWN IN HARDSCAPE AREAS AND OUTSIDE OF PROPERTY LINES TO IMPROVE ON THE READABILITY OF THE IRRIGATION PLAN. ALL COMPONENTS AND PIPING SHALL BE INSTALLED INSIDE OF THE PROPERTY LINES AND OUTSIDE OF HARDSCAPE AREAS.
- 7. MAINLINE, LATERALS AND CONTROL WIRES SHALL BE INSTALLED INSIDE THE SAME TRENCH WHENEVER POSSIBLE..
- 8. SYSTEM TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- 9. CONTROLLER SHALL BE GROUNDED PER MANUFACTURER'S SPECIFICATIONS.
- 10. ALL WIRE SHALL BE #18 DIRECT BURIAL U.F. MULTI-CABLE.
- 11. ALL FIELD WIRE ABOVE GRADE OR WITHIN STRUCTURE TO BE INSTALLED IN CONDUIT PER LOCAL CODE.
- 12. ALL UNDERGROUND SPLICES TO UTILIZE 3M DBY, OR KING WATER PROOF SPLICE KITS, DEPENDING ON NUMBER AND SIZE OF WIRES. ALL SPLICES SHALL BE MADE INSIDE A VALVE BOX.
- 13. DEPTH OF IRRIGATION PIPING;18" ON MAINLINE; 12" ON LATERALS.
- 14. SLEEVING UNDER PAVED AREAS SHALL BE INSTALLED AT A DEPTH OF 24".

## CRITICAL ANALYSIS

POP-UP SPRAY SPRINKLER

# VALVE SCHEDULE

P.O.C. NUMBER: 01 Water Source Information:	
FLOW AVAILABLE	
Water Meter Size:	3"
Flow Available	225 GPM
PRESSURE AVAILABLE	
Static Pressure at POC:	50.00 PSI
Elevation Change:	5.00 ft
Service Line Size:	4"
	20 ft
Length of Service Line:  Pressure Available:	
riessule Avallable.	47.00 psi
DESIGN ANALYSIS	
Maximum Station Flow:	26.06 GPM
Flow Available at POC:	225 GPM
Residual Flow Available:	198.94 GPM
Pressure Req. at Critical Station:	38.04 PSI
Loss for Fittings:	0.2 PSI
Loss for Main Line:	2.03 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	3.3 PSI
Loss for Water Meter:	1 PSI
Critical Station Pressure at POC:	44.57 PSI
Pressure Available:	47 PSI

Residual Pressure Available:

NUMBER	MODEL	SIZE	TYPE	GPM	PIPE	DESIGN PSI	FRICTION LOSS	VALVE LOSS	PSI	PSI @ POC	PRECIP
1	Hunter PGV-101G	1"	Shrub Spray	11.64	182.7	30	0.46	1.8	32.26	36.53	1.33 in/h
2	Hunter PGV-101G	1"	Bubbler	11.00	369.9	30	0.54	1.84	32.38	37.01	1.7 in/h
3	Hunter PGV-151 Globe	1-1/2"	Shrub Spray	26.06	477.3	30	5.04	3	38.04	44.57	1.71 in/h

REVISION TAC REV 4 COMMENTS (no changes this sheet)



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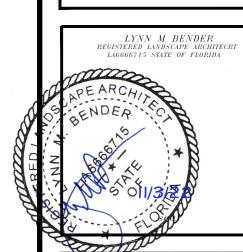
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DETAILS

2 OF 2 SHEETS

2.43 PSI