EES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	СТ	DROUGHT TOLERANCE	NATIVE	SPECIFICATION
() () () () () () () () () ()	CG	8	Caesalpinia granadillo	Bridal Veil Tree	16` ht x 7` spr.	4"	8` ct	Medium	Non Native	Full canopy, min. 6` of single straight trunk
	MF	10	Myrcianthes fragrans	Simpson`s Stopper	14` ht x 8` spr	4"	6` ct	High	Native	Full canopy, min. 6` of single straight trunk
+	QV	1	Quercus virginiana `HIGHRISE`	Highrise Live Oak	20` ht X 10` spr	6"	10` ct	High	Native	Full canopy, min. 6` of single straight trunk
ALMS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CALIPER	СТ	DROUGHT TOLERANCE	NATIVE	SPECIFICATION
loop	CN-EX	4	Cocos nucifera	Coconut Palm	26`+ ct		30` + ct	High	Non Native	EXISTING TO REMAIN
HRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT	SPACING	DROUGHT TOLERANCE	NATIVE	SPEC.
\odot	CHR	54	Chrysobalanus icaco	Coco Plum	24\" min @ install	fully rooted pot to meet size	tip to tip	High	Native	Full to base
()	HAM	51	Hamelia patens	Firebush	24\" min @ install	fully rooted pot to meet size	tip to tip	High	Native	Full
~	JAS	14	Jasminum simplicifolium	Jasmine Vine	8` OA	fully rooted pot to meet size	AS SHOWN	High	Non Native	Attach to wall with wire
HRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT	SPACING	DROUGHT TOLERANCE	NATIVE	SPEC.
	FIC	145	Ficus microcarpa `Green Island`	Green Island Ficus	24" ht @ install	pot to meet size	plant solid	High	Non Native	Full
	ILE	70	llex vomitoria `Schillings Dwarf`	Dwarf Schillings Holly	24" ht @ install	pot to meet size	plant solid	High	Native	Full
	DFAK	38	Tripsacum floridanum	Florida Gamagrass	24" ht @ install	3 gal. min.	24\" oc	High	Native	Full

Search keyword or item # Q Pass

Square Planter

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

It is optional, but utilizing 'weed block fabric' between the potting soil and the rocks can help with soil leakage.

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

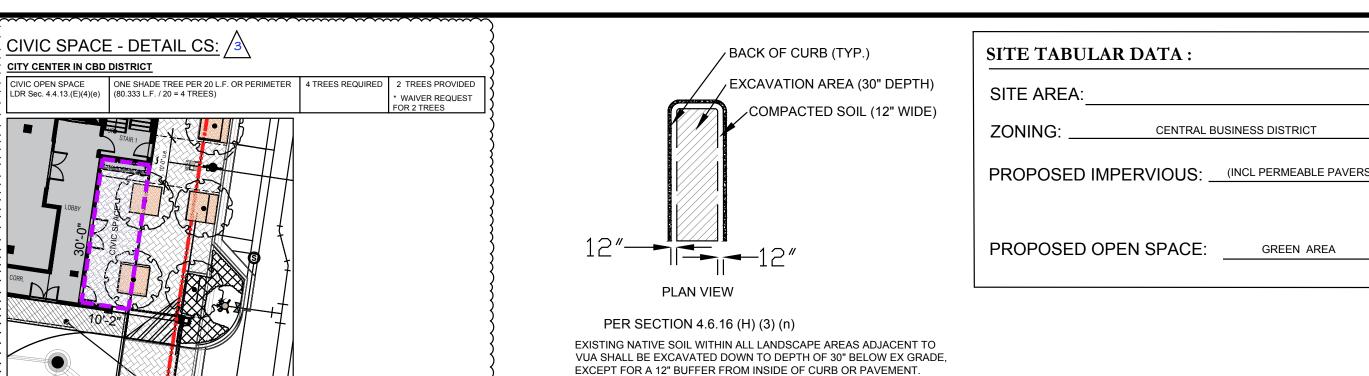
Use orchid bark, pine bark nuggets or mulch to "dress-up" the top of the soil and assist with water retention, within the containers.

terra-cotta linings, composite, etc.

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

in the bottom. (if applicable to selected pot)



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

Railroad -Crossing Arm

East R/W Boundary

of FEC Railway (I

~50.00' (F)

GENERAL UTILITY

1" = 20' - 0"

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

EASEMENT

STATE ROAD 806 66' Public Right—of—way (P)

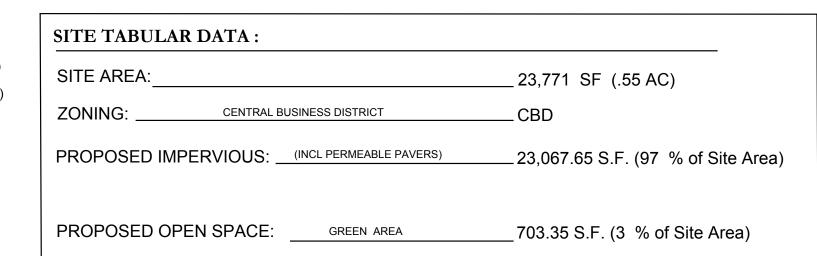
LIMITS OF PROP GENERAL

TYP. (SEE ARCH. PLANS FOR DETAIL)

LIMITS OF PROP GENERAL— UTILITY EASEMENT

UTILITY EASEMENT

EAST ATLANTIC AVENUE





Building Face

— Approximate Party Wall

Covered Brick

Address #302

6893± Square Feet (within Parcel A)

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CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND NOTIFY LA, ARCHITECT &/OR ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

LBLA, Inc. andscape Architecture

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

5610 Adair Way

REVISION

TAC staff comments

TAC staff comments

PROJECT ARCHITECTS: ZYSCOVICH A R C H I T E C 1 250 Park Avenue, Suite 510 Winter Park, Fl. 32789

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w www.zyscovich.com

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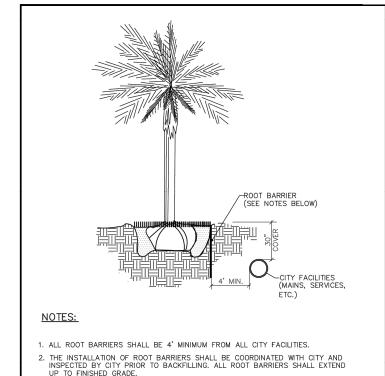
ATLANTIC SITE 2 CHECKED BY SCALE: JULY 29, 2021

OF 2 SHEETS

MINIMUM OVERALL LANDSCAPE PER SEC. 4.6.16 CITY OF DELRAY BEACH REQUIREMENTS NTRAL BUSINESS DISTRICT (CBD) CENTRAL ZONING CATEGORY REQUIRED PROVIDED Special landscape regulations for properties within the Centra T PROPOSED @ GRADE LEVEL: e islands shall be a minimum of ten feet in length. One paim tree and associated understory plantings shall corner intersection island with understory plantings provided (plus 1 canopy tree on ON STREET LANDSCAPE ISLANDS @ INTERSECTIONS - LDR Sec. ocated in each island and shall not pose a hazard to understory plantings SE 3rd ave corner island) 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) entry) & understory planting 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 3 Bridal Veil Trees provided both sides 3 Bridal Veil Trees plantings WEST : FCC RAILROAD ROW CBD - CENTRAL CORE (ZERO OR 5' SETBACK) FEET - $\frac{3}{8}$ INCHES & 4 FEET - $\frac{5}{8}$ INCH BD - CENTRAL CORE (ZERO OR 5' SETBACK) ZERO OR 5' SETBACK 0 FEET - 1 INCH **CIVIC OPEN SPACE** 4.4.13.(G)(2)(h) REEN WALL & SEAT WALL 250 s.f. min. - One shade tree per 20 feet of perimetrof the space (80 L.F. / 20 = 4) HADE TREES - waiver request * see civic space detail CIVIC OPEN SPACE TREES LDR Sec 4.4.13.(E)(4)(e FRONTAGE / STREETSCAPE STANDARDS planter pots on each building column

10 Simpson Stopper Trees 13 STREET TREES One street tree 30 l.f. on center (348 l.f. / 30 = 11.6) CBD STREET TREES LDR Sec. 4.4.13(E)(2)(b) 12 STREET TREES 3 Bridal Veil Trees the property owner shall be required to enter into a maintenance greement, in a form acceptable to the City Attorney, requiring the propert owner to be responsible for and maintain any tree grates, irrigation, and 1 High Rise Oak Tree ADDITIONAL SITE TREE ADDITIONAL CREDIT FOR ON-SITE MITIGATION 19 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"



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.

TYPICAL TREE WITH ROOT BARRIER LD 1.1

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

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

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

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.

ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE.

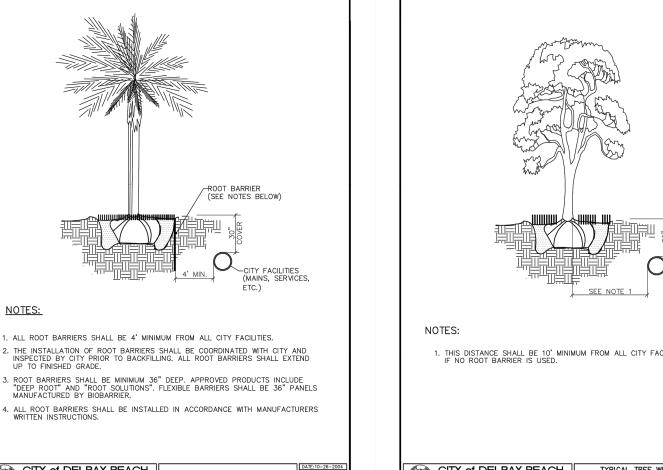
COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED..

100% with 100% overlap.

Search keyword or item # Q Passwo

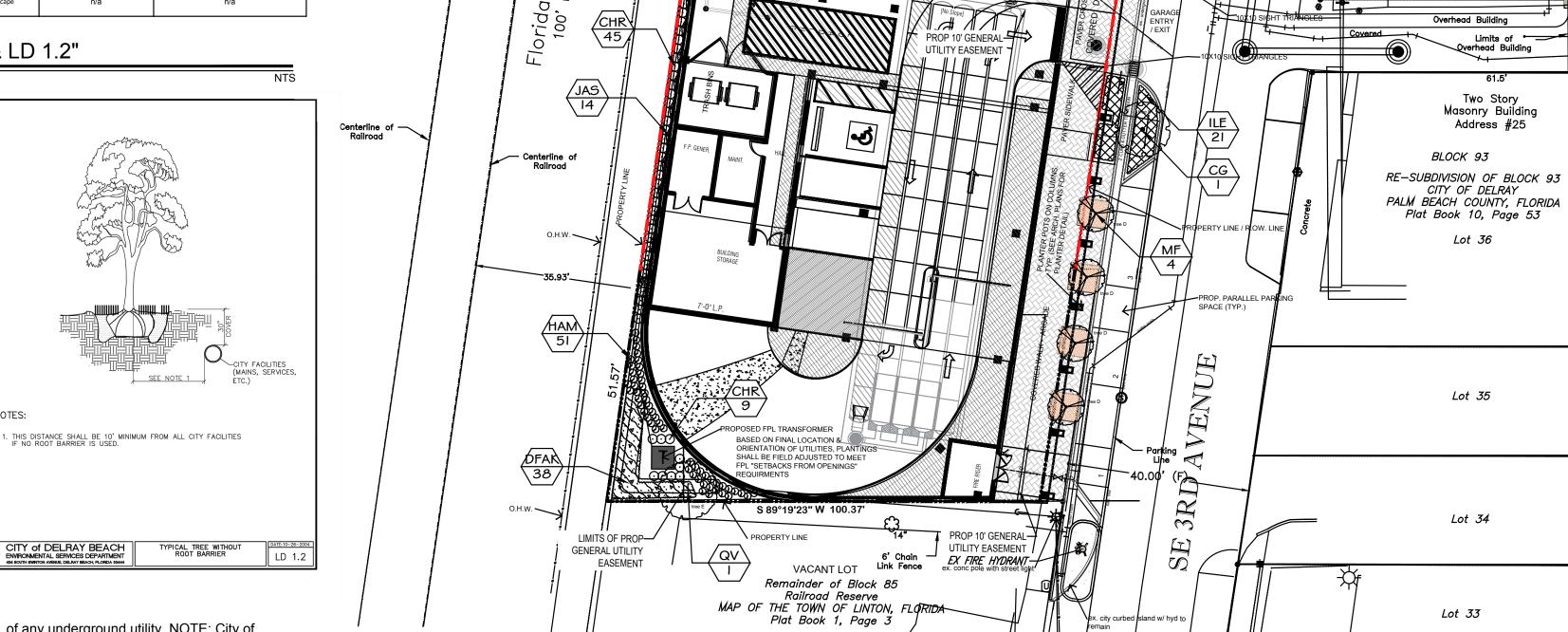
VP1207 FeatherStone Trend Tall Squar

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

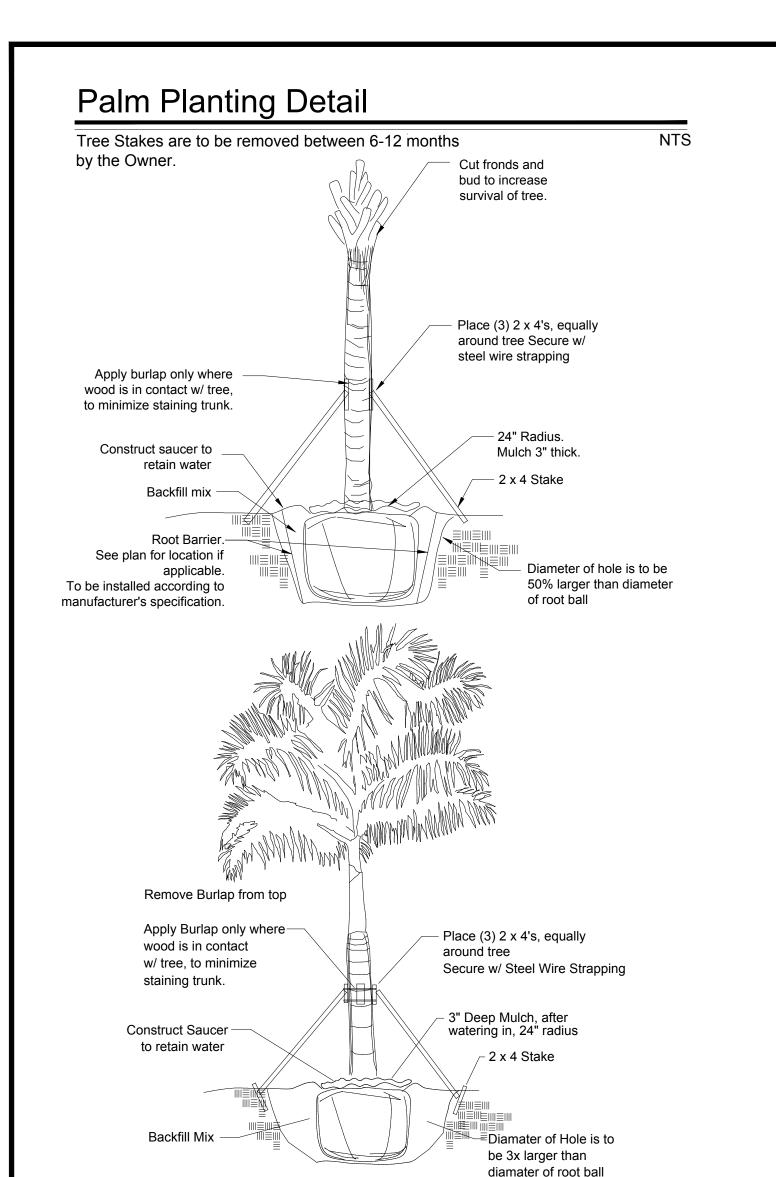


Per LDR 4.6.16(D)(4)(b) "Trees shall not be planted within ten (10') feet of any underground utility. NOTE: City of Delray Beach Engineering Standards allow trees to be planted to within four (4') feet of utility lines, with proper root barriers installed. Refer to sheet LP2 for Details.

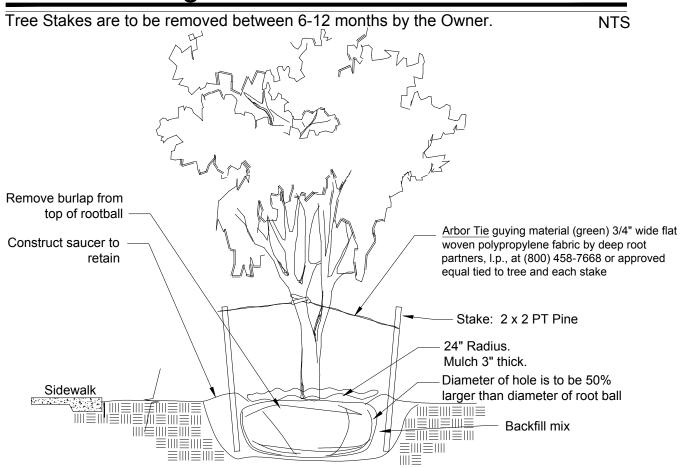
Any Trees or Shrubs placed within water, sewer or drainage easements shall conform to the City of Delray Beach



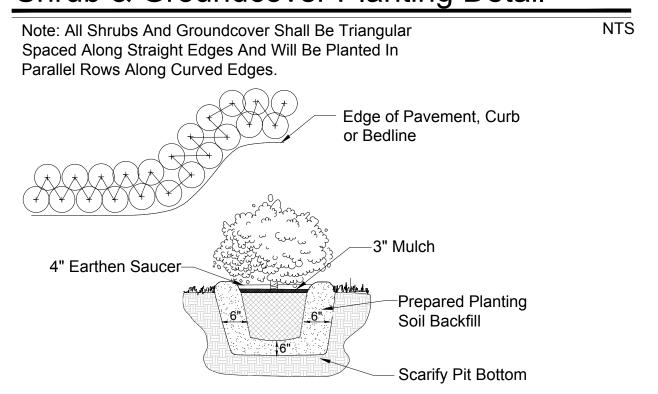
All invasive exotic plants must be removed from the property.



Tree Planting Detail



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 aged trunk joins the immature 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.

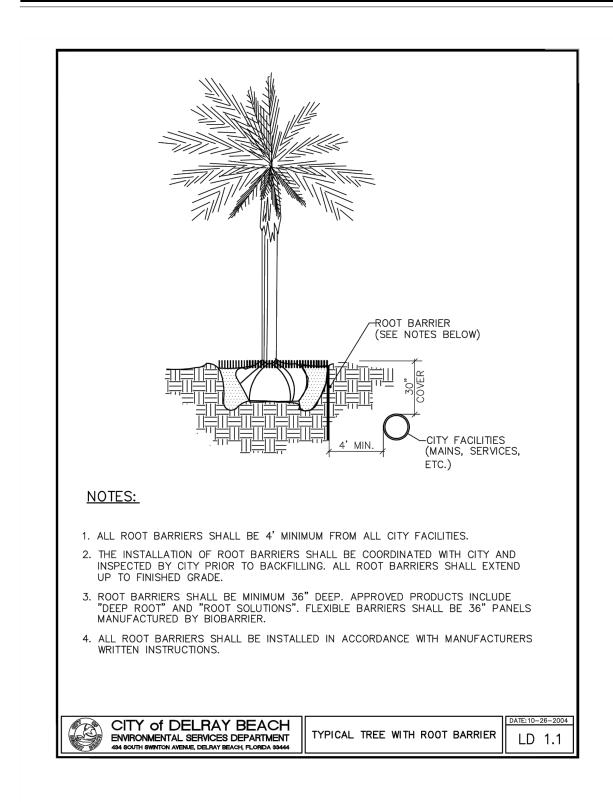
WATER: It is the contractors responsibility to obtain and adequately water the plants during the duration of the installation phase. All plants shall be freshly dug, healthy and be well branched, free form disease and insects.

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

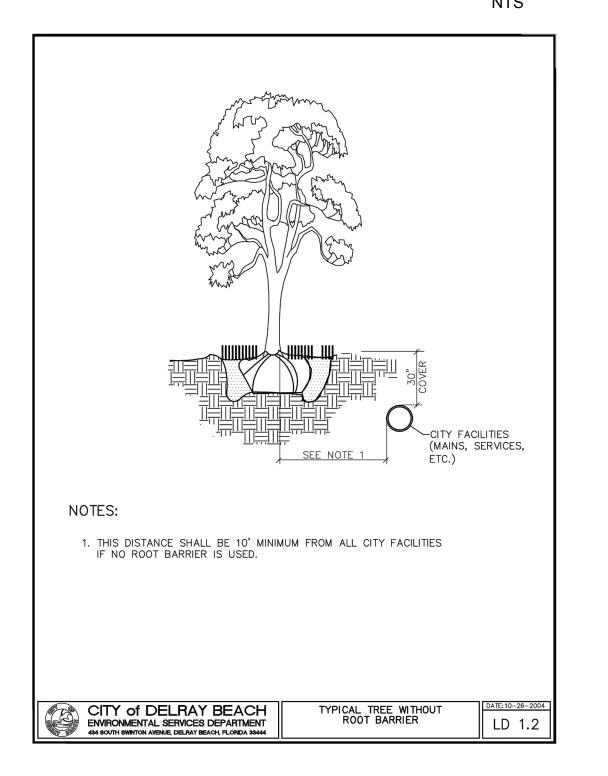
WEED CONTROL: All landscape areas shall be free of nut grass, torpedo grass, and other noxious weeds.

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.

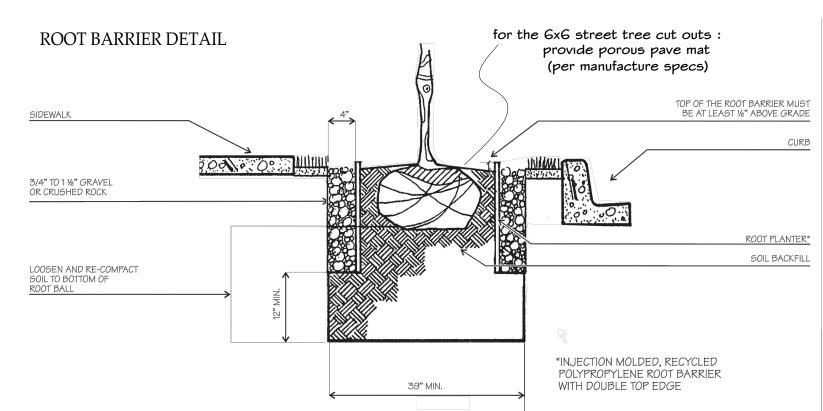
THREE (3) PALMS ARE EQUIVALENT TO ONE (1) SHADE TREE.

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.

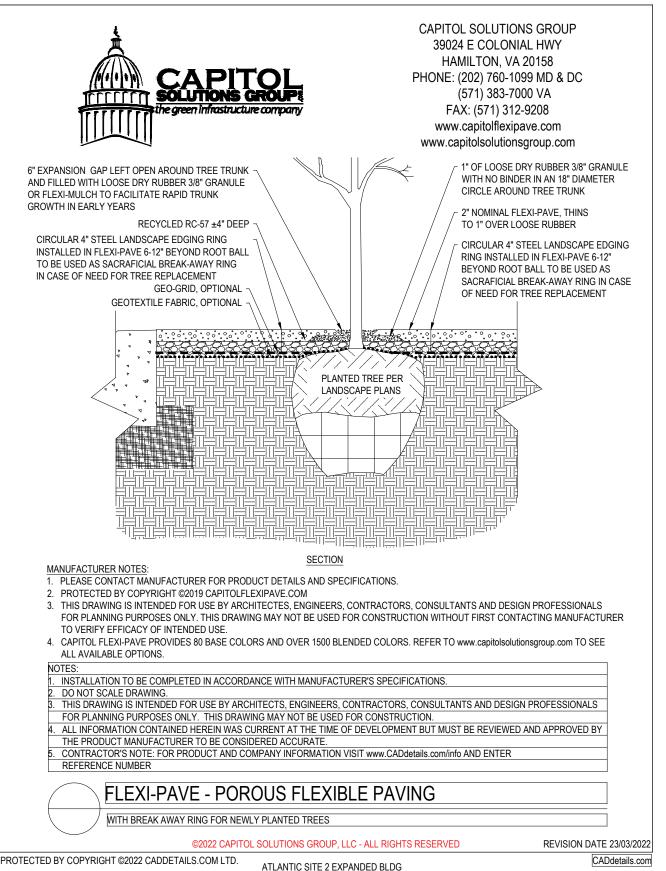


- All Plants shall be Florida No.1 or better
- Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements.
- Contractor shall verify all quantities indicated at time of bid.
- Contractor shall provide unit prices at time of bid.
- All contractors working 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.

Flexi-Pave installation Detail



/ 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)

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.



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

REVISION



LBLA, Inc. _andscape Architecture

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

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Winter Park, Fl. 32789 t 407.674.1959 info@zyscovich.com

w www.zyscovich.com

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LYNN M BENDER

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

OF 2 SHEETS

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 100% with 100% overlap.

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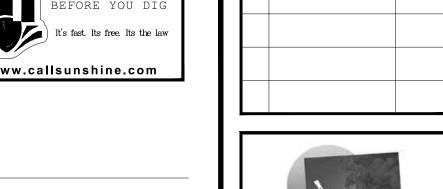






IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	RADIUS
	Hunter PROS-12 5` strip spray	4	LCS	30	5'x15'
	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'
10	Hunter PROS-12 10` radius	8	180	30	10'
(10)	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			
C	Hunter PC-400	1			
$\langle R \rangle$	Hunter RAIN-CLIK	1			
M	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.			
	Pipe Sleeve: PVC Schedule 40 4"	132.7 l.f.			
	Valve Callout				





REVISION DATE

LbenderLarch@gmail.com FL-LA6666715 PROJECT ARCHITECTS: ZYSCOVICH

5610 Adair Way

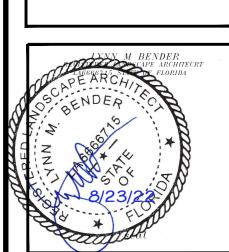
Lake Worth, FL 33467

Phone: 561-644-3237

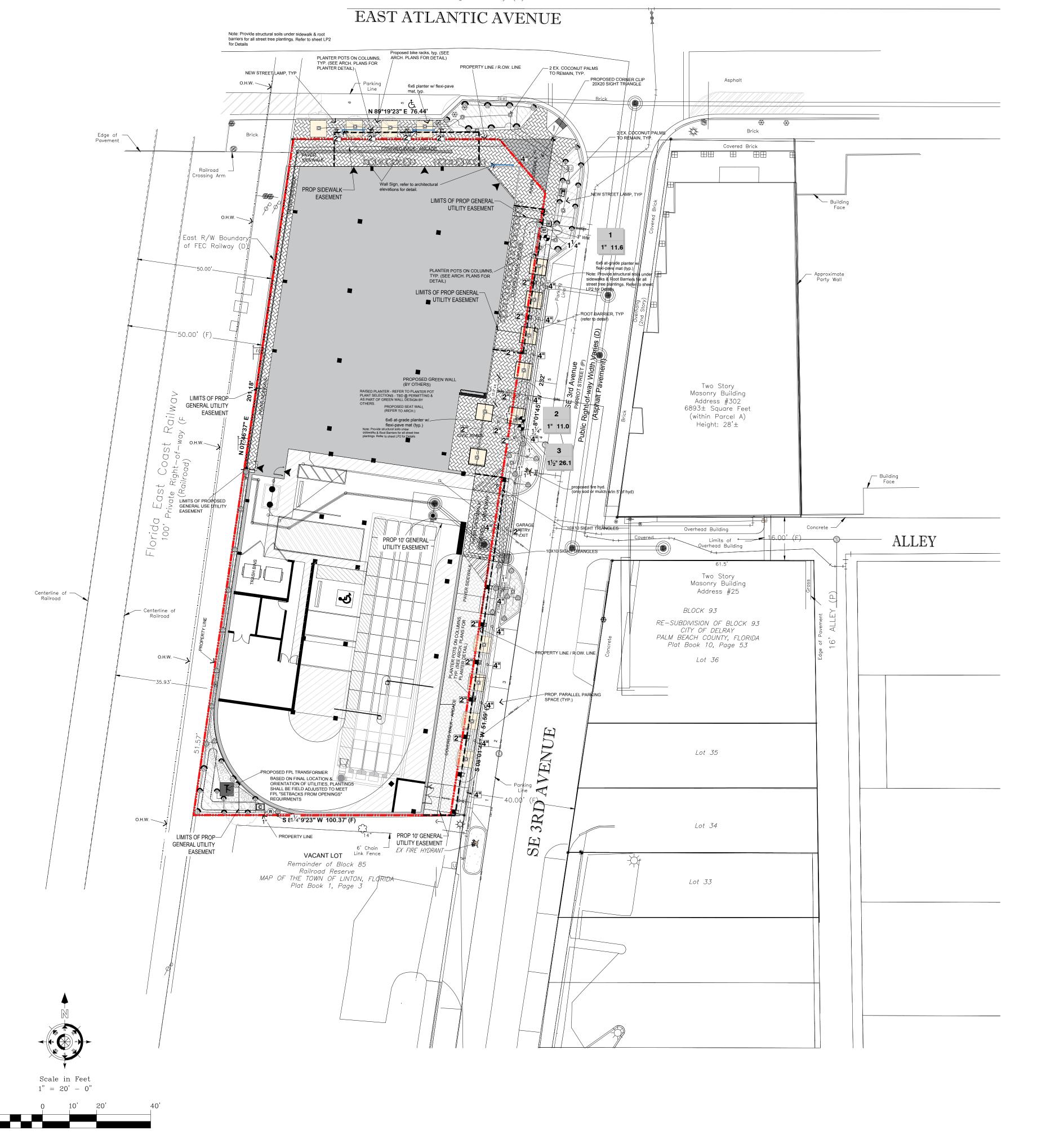
250 Park Avenue, Suite 510 Winter Park, Fl. 32789 t 407.674.1959

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

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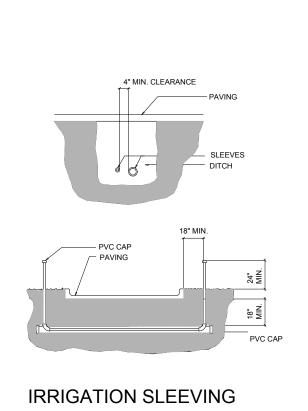


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	PROJECT NO. 19-014	CADD I.D. ATLANTIC SITE 2
	DRAWN BY :	JA
	CHECKED BY :	
		LMB
	SCALE:	1" = 20'-0"
	DATE :	
	JUL	Y 01, 2022
	SH	HEET:
	IF	R-1
	1 OF	2 SHEETS

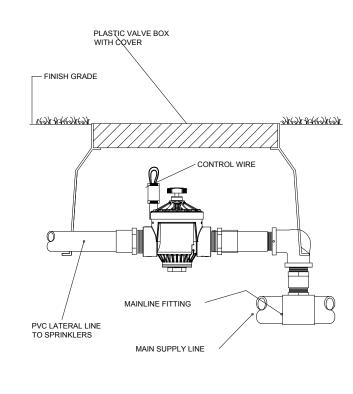


Valve Number

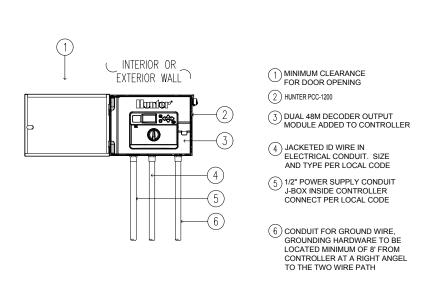
Valve Flow



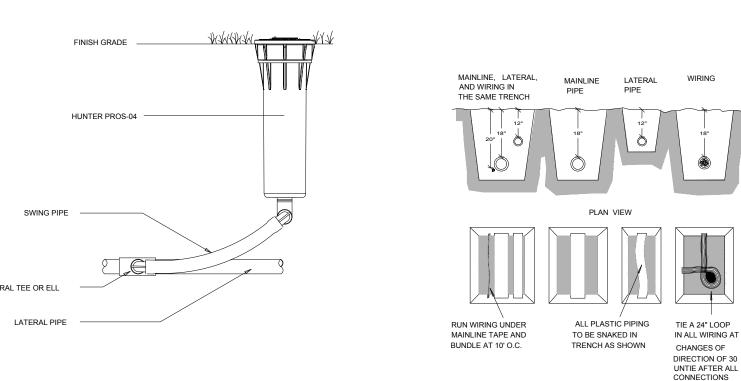
PIPE AND WIRE TRENCH

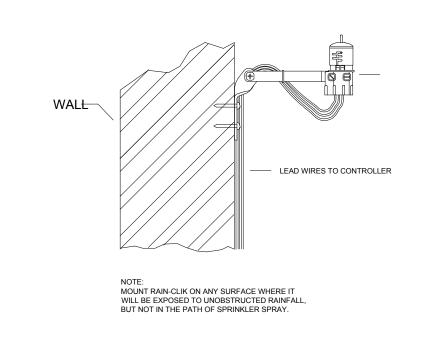


REMOTE CONTROL VALVE



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

Loss for Backflow:

Pressure Available:

Loss for Water Meter:

Critical Station Pressure at POC:

Residual Pressure Available:

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"
Length of Service Line:	20 ft
Pressure Available:	47.00 psi
DESIGN ANALYSIS	00.00.0014
Maximum Station Flow:	26.06 GPM
Flow Available at POC:	225 GPM
Residual Flow Available:	198.94 GPM
Dragovino Dog et Critical Stations	00 04 DCI
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

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 DATE



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DETAILS

2 OF 2 SHEETS

3.3 PSI

44.57 PSI

2.43 PSI

47 PSI

1 PSI