

### TREE DISPOSITION TABLE: (TREE DATA FROM ARBORIST REPORT BY HORTICULTURAL ASPECTS DATED: 7/18/22)

ID#	ID# COMMON NAME DBH HEIGHT (IN) (FEET)		CANOPY DIA (FEET)	CLEAR TRUNK (FEET)	DISPOSITION	CONDITION	N MITIGATION VALUE					
3	SCHEFFLERA	16	20	15		REMOVE	< 50%	MITIGATION ON SITE (4.6.19.E.6.a - TREE FOR TREE BASIS)				
4	FICUS	66	40	60		REMOVE	< 50%	MITIGATION ON SITE (4.6.19.E.6.a - TREE FOR TREE BASIS)				
6	PLUMARIA	8	15	15		REMOVE	> 50%	MITIGATION ON SITE (INCH FOR INCH DBH BASIS)				
7	PLUMARIA	9	15	15		REMOVE	> 50%	MITIGATION ON SITE (INCH FOR INCH DBH BASIS)				
8	YUCCA	12	18	15		REMOVE	> 50%	MITIGATION ON SITE (INCH FOR INCH DBH BASIS)				
10	YUCCA	12	20	15		REMOVE	> 50%	MITIGATION ON SITE (INCH FOR INCH DBH BASIS)				
14	LIVE OAK	19	40	35		REMOVE	> 50%	MITIGATION ON SITE (INCH FOR INCH DBH BASIS)				
TOTAL	CALIPER INCHES ≥50%	60		1			-					

TREES WITH CONDITION RATING < 50% TO BE REMOVED: 2 TREES TOTAL DBH OF TREES WITH CONDITION RATING ≥ 50% TO BE REMOVED: 60 INCHES

TREE REPLACEMENT CALCULATIONS * (TREES ≥50%)				
NEW TREES (4" CAL MIN.)	CALIPER (CAL) REQUIRED	CALIPER (CAL) PROVIDED		
NEW TREES (QTY: 16)	60"	64" DBH INSTALLED ON SITE		

TREE REPLACEMENT CALCULATIONS * (TREES <50%	)	
NEW TREES (TREE FOR TREE @ 4" CAL MIN.)	CALIPER (CAL) REQUIRED	CALIPER (CAL) PROVIDED
NEW TREES (QTY: 2)	4"	8" DBH INSTALLED ON SITE

# PALM DISPOSITION TABLE: (TREE DATA FROM ARBORIST REPORT BY HORTICULTURAL ASPECTS DATED: 7/18/22)

ID#	COMMON NAME	DBH (IN)	HEIGHT (FEET)	CANOPY DIA (FEET)	CLEAR TRUNK (FEET)	DISPOSITION	CONDITION	MITIGATION VALUE
1	SABAL PALM		18		11	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
2	SABAL PALM		16		9	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
5	SOLITAIRE PALM		18		12	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
9	COCONUT PALM		22		12	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
11	CHRISTMAS PALM		20		14	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
12	CHRISTMAS PALM		18		12	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)
13	SOLITAIRE PALM		19		12	REMOVE	> 50%	MITIGATE HEIGHT ON SITE (1:1)

TOTAL NUMBER OF PALMS WITH CONDITION RATING < 50% TO BE REMOVED: 0 PALMS TOTAL HEIGHT OF PALMS WITH CONDITION RATING  $\geq$  50% TO BE REMOVED: 131 FEET

PALM REPLACEMENT CALCULATIONS **		
NEW PALMS (PALM FOR PALM BASIS)	OVERALL HEIGHT (FT)	CLEAR TRUNK (FT)
MONTGOMERY PALM (QTY: 8)	18' EACH (TOTAL 144' HEIGHT)	MIN. 6' EACH

# Requirements of Vegetation Removal (Sec. 4.6.19 (E)(5)

\*Staff recommends at least 4" CAL trees for mitigation as required.

TOTAL HEIGHT (FEET)

Trees with condition rating of ≥ 50%: Total DBHs of trees shall be replaced with equivalent # of CAL inches of replacement trees. Trees with condition rating of < 50%: Required to be mitigated on a tree-for-tree basis (16' OH X 6' ST X 8' CT X 7' SPR for others & 12' OH for SF & Duplex)

Palms with condition rating of ≥ 50%: Replaced with one palm of equal overall heights (OH) or 16 ft OH, whichever is greater

Palms with condition rating of < 50%: Required to be mitigated on a palm-for-palm basis (16' OH X 8 CT for others & 12' OH X 6' CT for SF & Duplex)

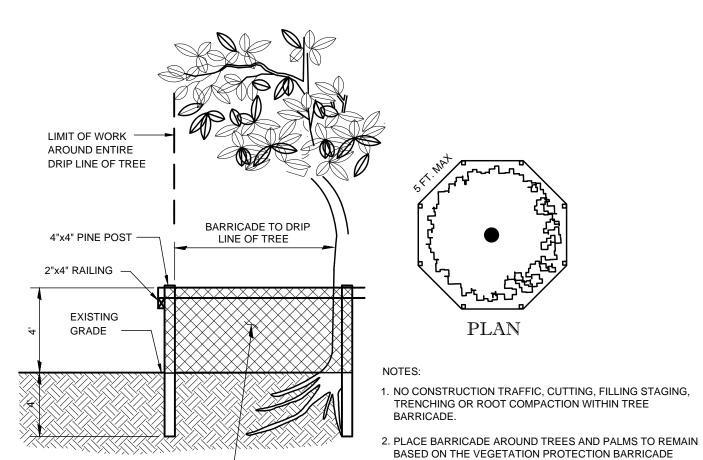
In Lieu Fee for TREE (Sec. 4.6.19.(E)(5)(d))	
DBH 0 to 8"	\$450
DBH 9" to 12"	\$650
DBH 13" to 18"	\$850
DBH 19" and greater	\$1,000

**Example:** In-lieu-fee for a 21" DBH tree:  $(\$450 \times 8") + (\$650 \times 4") + (\$850 \times 6") + (\$1,000 \times 3") = \$3,600 + \$2,600 + \$5,100 + \$3,000 = \$14,300$ 

For trees with a condition rating of between 25 percent and 50 percent, the in-lieu fee shall be calculated at 50 percent of the above escalating scale.

#### TREE MITIGATION NOTES:

- 1. NO TREES OR PALMS WILL BE RETAINED OR RELOCATED BECAUSE OF UNDESIRABLE SPECIES, OVERALL AGE/CONDITION, LOCATION ADJACENT TO PERIMETER FENCES OR PAVEMENT, AND OVERLAPPING ROOT
- 2. MITIGATION TREE REPLACEMENT REQUIREMENTS ARE BASED ON SECTION 4.6.19 (E)(5)(b), REQUIRING INCH FOR INCH REPLACEMENT OF TREES GREATER THAN 4" DBH, AND A CONDITION ≥ 50%. TREES WITH A CONDITION LESS < 50% SHALL BE REPLACED 1 TREE FOR 1 TREE. INVASIVE TREES LISTED IN SECTION 4.6.19.E.6.b DO NOT REQUIRE MITIGATION
- 3. 2 TREES (CONDITION <50%) WILL BE REMOVED AND REPLACED WITH TWO 16' HT x 7' SPR x 4" DBH, 8' CT TREE. 60 DBH INCHES OF TREES WILL BE REMOVED (CONDITION ≥50%). 64 DBH INCHES WILL BE REPLACED ON-SITE WITH 16 - 16' HT x 7' SPR x 4" DBH, 8' CT TREES.
- 4. 2 SABAL PALMS, 2 CHRISTMAS PALMS, 2 SOLITAIRE PALMS, 1 COCONUT PALM = 131' HT WILL BE REMOVED AND REPLACED WITH 144' HT ON-SITE WITH 8 MONTGOMERY PALMS WITH HEIGHTS OF 18' OVERALL.
- 5. SEE BELOW FOR THE TREE PROTECTION DETAIL TO BE INSTALLED AROUND ALL EXISTING OFF-SITE TREES ON THE NORTH PROPERTY LINE TO REMAIN PRIOR TO CONSTRUCTION ACTIVITIES.





ORANGE MESH CONSTRUCTION —

FENCING HIGH DENSITY PE

CONWED OR EQUAL.

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"ALL PURPOSE BARRIER" BY



L						BS	BS	BS	8S	8S	BS	ВУ
						09/25/23 SPRAB COMMENTS	05/30/23 PLANNING COMMENTS	03/03/23 PLANNING COMMENTS	06/02/22 SPRAB COMMENTS	04/27/22 SPRAB COMMENTS	11/16/21 CITY OF DELRAY BEACH TAC COMMENTS	COMMENTS
l						09/25/23	05/30/23	03/03/23	06/02/22	04/27/22	11/16/21	REV. DATE
						6	80	7	2	2	1	REV.
	THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY	AND MAY NOT BE USED FOR CONSTRUCTION		DESIGNED BY: CHECKED BY: CHECKED BY: CHECKED BY:	SJB SJB AP		NETTA ARCHITECTS - THE ENGE AT DINEAPPLE CROVE	PROJECT: MELITA MINIMENS THE LOWNHOMES	BLOCK 114, LOTS 9 & 10	605 NE 2ND STREET	CIIY OF DELKAY BEACH, PALM BEACH COUNIY, FLORIDA	



Delray Beach, FL 33483 T: 561.921.8570 Offices conveniently located at: Lake Como, New Jersey • T: 732.974.0198 Chester, New Jersey • T: 908.879.9229 Newark, New Jersey • T: 973.755.7200 Toms River, New Jersey • T: 732.974.0198 Newtown, Pennsylvania • T: 267.685.0276 Allen, Texas • T: 972.534.2100 Houston, Texas • T: 281.789.6400

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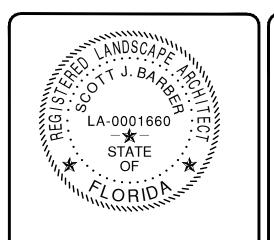
www.dynamicec.com

PROTECT YOURSELF

ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S
SURFACE ANYWHERE IN ANY STATE Call before you dig. . FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

TREE DISPOSITION PLAN

9/25/23 (V) NOTED PROJECT No: 21.010.01



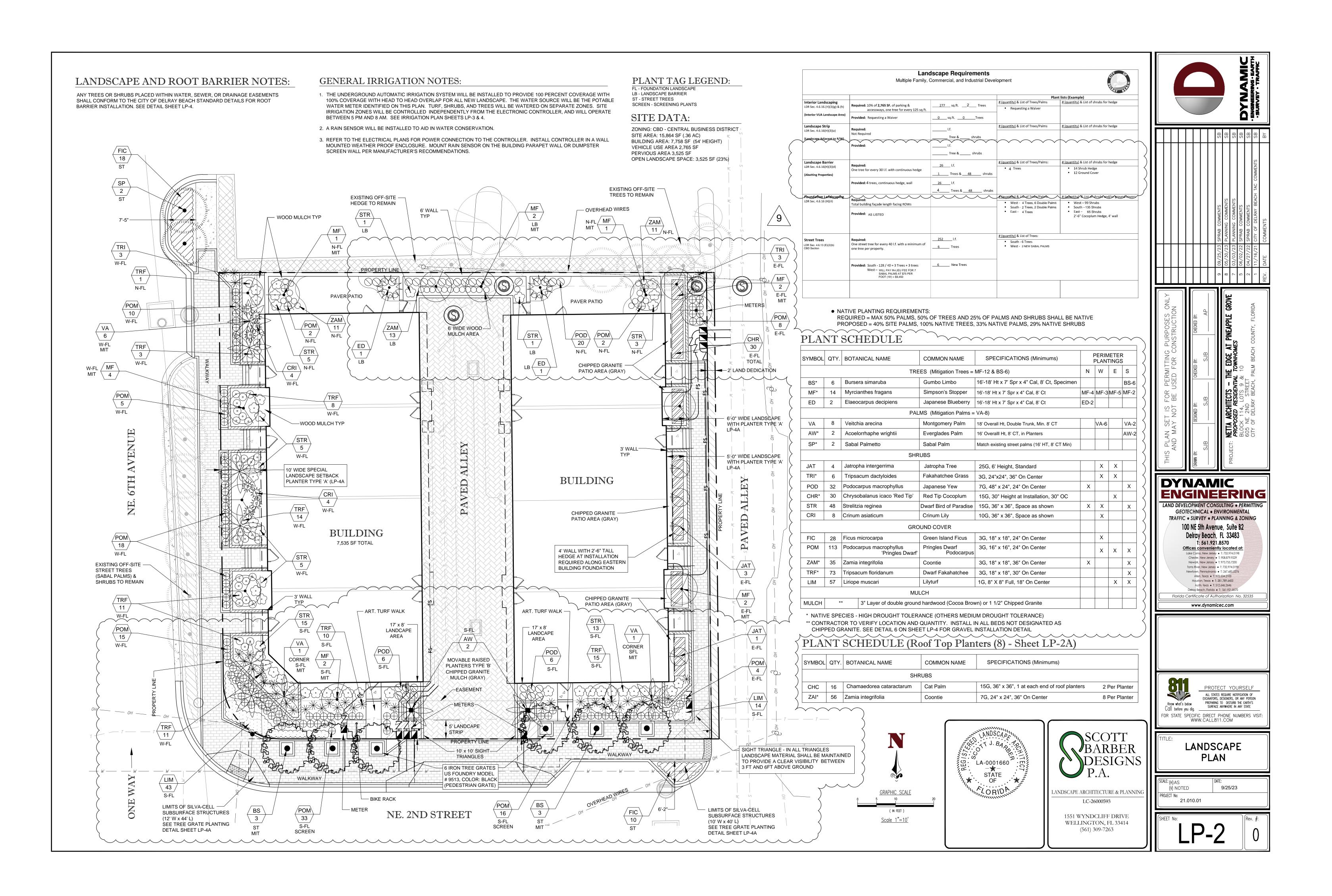
REQUIREMENTS AND OBTAIN CITY APPROVAL OF INSTALLATION PRIOR TO DEMOLITION, CLEARING, OR

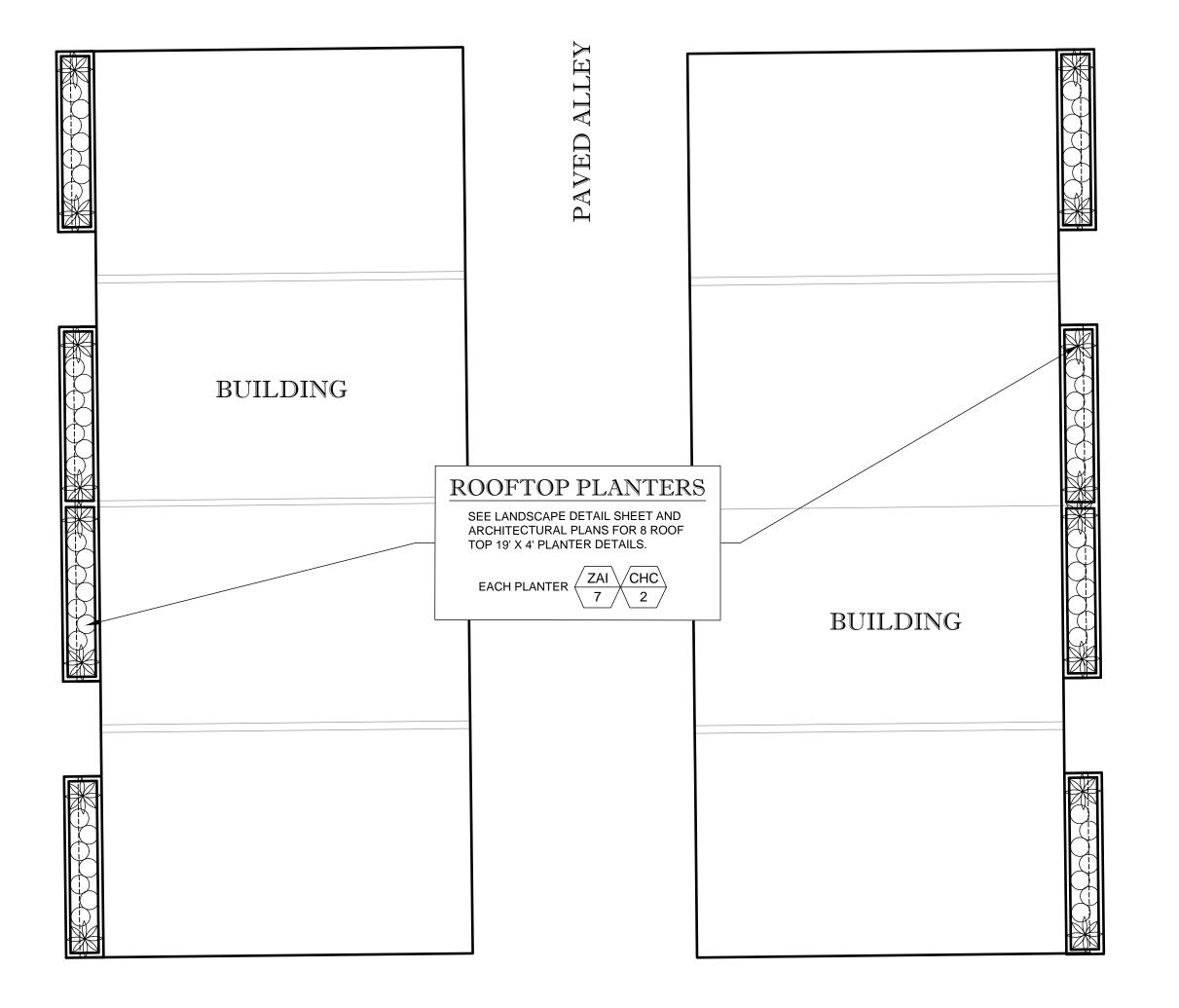
SITEWORK.



LANDSCAPE ARCHITECTURE & PLANNIN LC-26000593

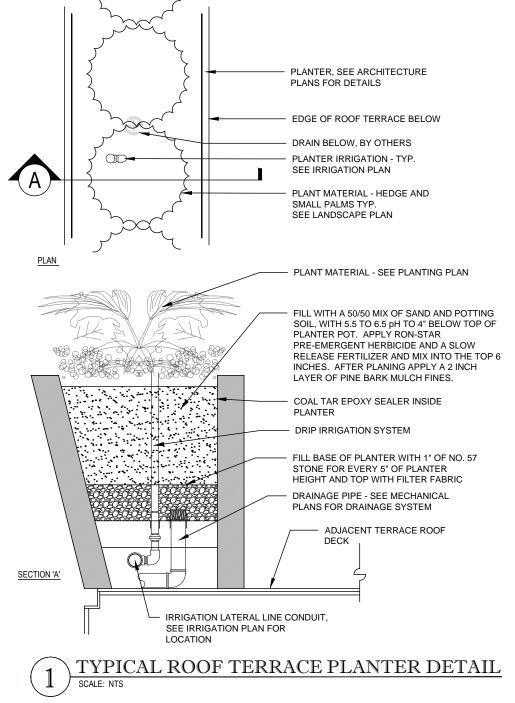
> 1551 WYNDCLIFF DRIVE WELLINGTON, FL 33414 (561) 309-7263

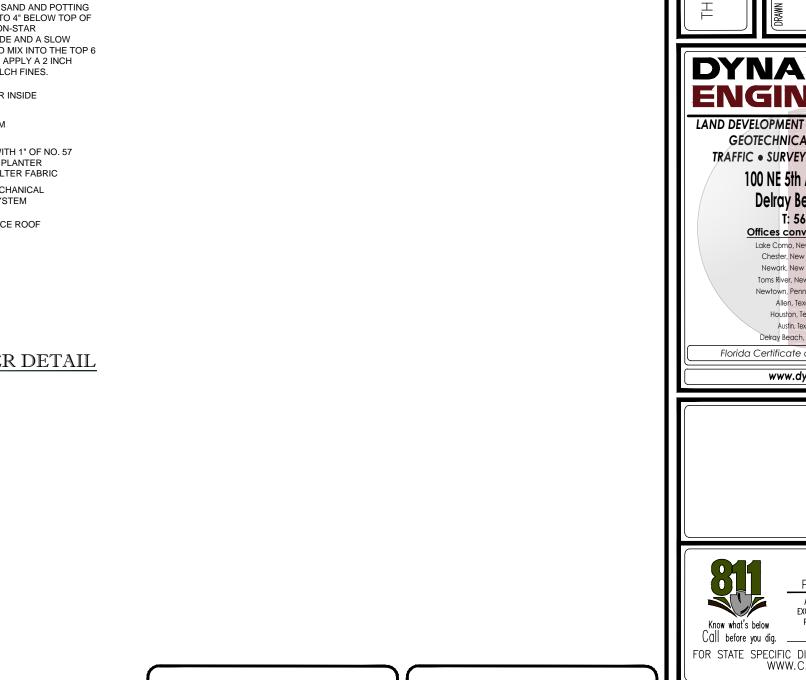


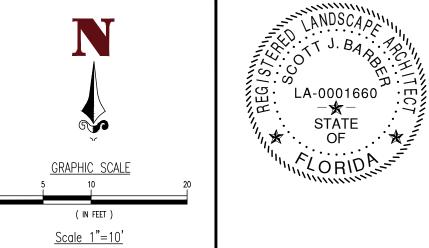


# PLANT SCHEDULE (Roof Top Planters (8) - Sheet LP-2A)

SYMBOL	SYMBOL QTY. BOTANICAL NAME COMMON NAME SPECIFICATIONS (Minimums)											
	SHRUBS											
CHC	16	Chamaedorea cataractarum	Cat Palm	15G, 36" x 36", 1 at each end of roof planters	2 Per Planter							
ZAI*	56	Zamia integrifolia	Coontie	8 Per Planter								





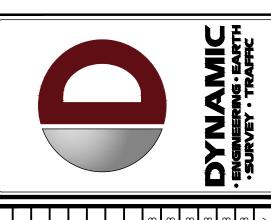






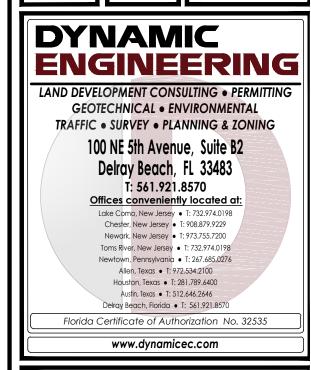
LANDSCAPE ARCHITECTURE & PLANNING LC-26000593

1551 WYNDCLIFF DRIVE WELLINGTON, FL 33414 (561) 309-7263



_				
	6	09/25/23	09/25/23 SPRAB COMMENTS	S
ŽĘ.	80	05/30/23	05/30/23 PLANNING COMMENTS	S
1	7	03/03/23	03/03/23 PLANNING COMMENTS	S
	2	06/02/22	06/02/22 SPRAB COMMENTS	S
	2	04/27/22	04/27/22 SPRAB COMMENTS	S
	1	11/16/21	CITY OF DELRAY BEACH TAC COMMENTS	S
	REV. DATE	DATE	COMMENTS	М

				6	8	7	2	2		REV.
ROSES ONLY TRUCTION		CHECKED BY:	AP		NEAPPIF CROVE			i i	JNIY, FLOKIDA	
ED FOR CONS		CHECKED BY:	SJB		THE EDGE AT PI	IL TOWNHOMES	& 10		PALM BEACH COL	
THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION	-	DESIGNED BY:	SJB		TA ARCHITECTS -	PROJECT: MELLE AND MELLE CONTROL TOWNHOMES	BLOCK 114, LOTS 9 & 10	605 NE 2ND STREET	CIIY OF DELKAY BEACH, PALM BEACH COUNIY, FLOKIDA	
M AND M/		/ DRAWN BY:	SJB			PROJECI: PR	DIB	605		

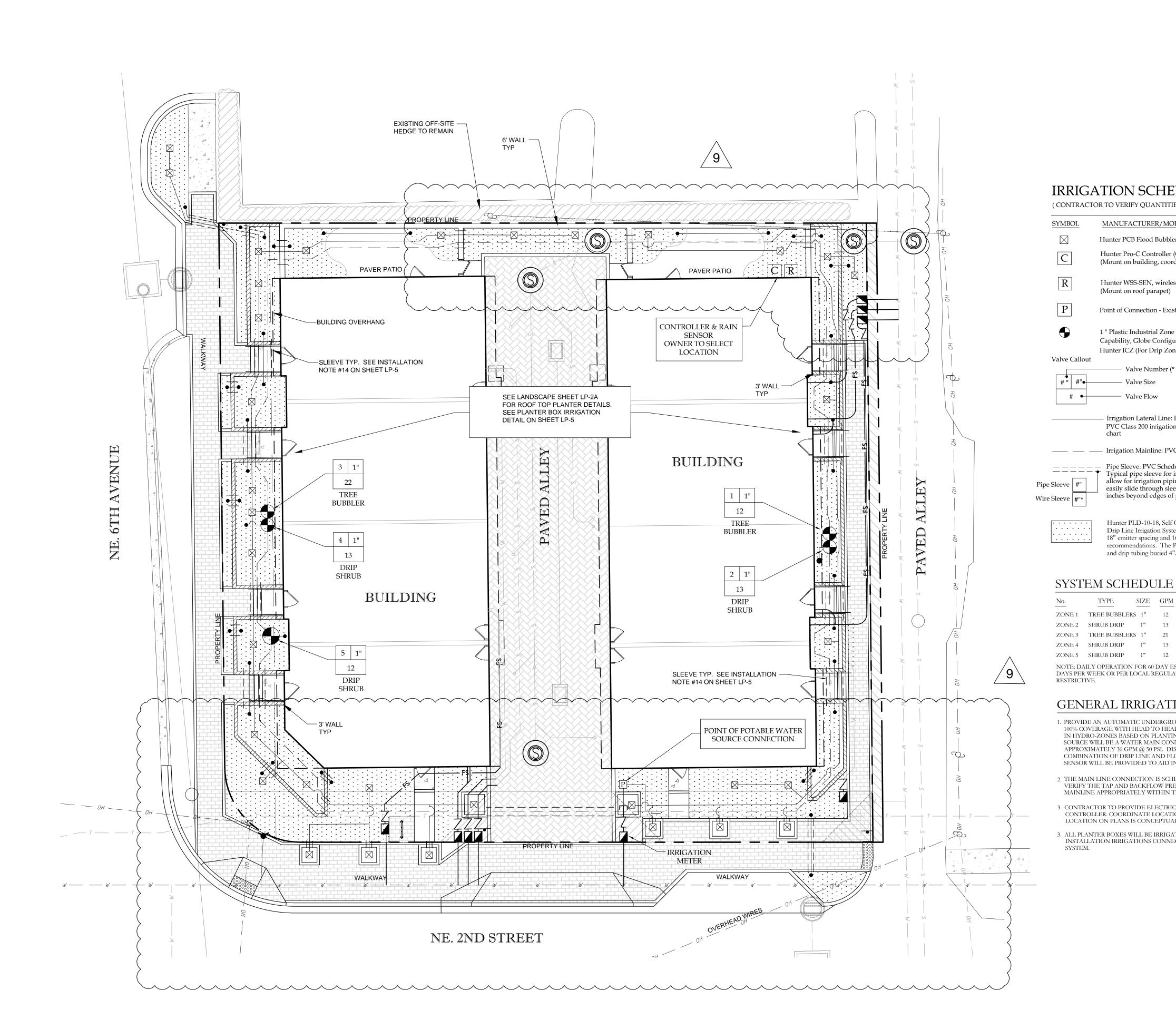




LANDSCAPE PLAN

9/25/23 (V) NOTED







( CONTRACTOR TO VERIFY QUANTITIES)

MANUFACTURER/MODEL ARC PSI GPM RADIUS Hunter PCB Flood Bubbler 25 1.00 3' Hunter Pro-C Controller (Outdoor model) (Mount on building, coordinate electrical service by others)

Hunter WSS-SEN, wireless rain sensor (Mount on roof parapet)

Point of Connection - Existing 1" Backflow Preventer

1 " Plastic Industrial Zone Valves Capability, Globe Configuration Hunter ICZ (For Drip Zones)

- Valve Number (\* = Drip Zone) Valve Size Valve Flow

> Irrigation Lateral Line: PVC Class 200 SDR 21 PVC Class 200 irrigation pipe. See pipe sizing

Hunter PLD-10-18, Self Cleaning, Pressure Compensating,

Drip Line Irrigation System utilizing 1.0 gph emitters with a

18" emitter spacing and 16" line spacing per manufacturer's

\_\_\_\_ Irrigation Mainline: PVC Schedule 40 (11/2")

Pipe Sleeve: PVC Schedule 40
Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 36 inches beyond edges of paving or construction.

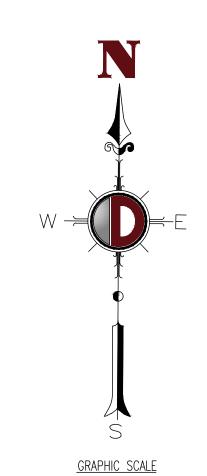
recommendations. The PVC header shall be buried 12", and drip tubing buried 4". See drip line detail sheet LI-3

SIZE GPM PRECIP (IN/HR) RUN TIME (Min.) ZONE 1 TREE BUBBLERS 1" 12 1 Gal/Min. ZONE 4 SHRUB DRIP 1" 13 ZONE 5 SHRUB DRIP 1" 12 1.4

NOTE: DAILY OPERATION FOR 60 DAY ESTABLISHMENT PERIOD, AFTER 3 DAYS PER WEEK OR PER LOCAL REGULATIONS, WHICH EVER IS MORE

# GENERAL IRRIGATION NOTES

- 1. PROVIDE AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM PROVIDING 100% COVERAGE WITH HEAD TO HEAD OVERLAP. THE SYSTEM IS DESIGNED IN HYDRO-ZONES BASED ON PLANTING ARRANGEMENT. THE WATER SOURCE WILL BE A WATER MAIN CONNECTION PROVIDING APPROXIMATELY 30 GPM @ 50 PSI. DISTRIBUTION WILL BE THROUGH A COMBINATION OF DRIP LINE AND FLOOD BUBBLERS ON TREES. A RAIN SENSOR WILL BE PROVIDED TO AID IN WATER CONSERVATION.
- 2. THE MAIN LINE CONNECTION IS SCHEMATIC ONLY. THE CONTRACTOR SHALL VERIFY THE TAP AND BACKFLOW PREVENTER LOCATION, AND INSTALL THE MAINLINE APPROPRIATELY WITHIN THE PROPERTY LANDSCAPE AREAS.
- 3. CONTRACTOR TO PROVIDE ELECTRICAL CONNECTION FOR THE CONTROLLER. COORDINATE LOCATION OF CONTROLLER WITH OWNER. LOCATION ON PLANS IS CONCEPTUAL FOR PLANNING PURPOSES.
- 3. ALL PLANTER BOXES WILL BE IRRIGATED WITH DRIP EMITTER TYPE INSTALLATION IRRIGATIONS CONNECTED TO THE OVERALL IRRIGATION



PIPE SIZING CHART

SIZE PIPE SO NOT TO EXCEED

A MAXIMUM FLOW OF 5 FEET

PER SECOND (fps) PIPE SIZE GUIDELINE:

3/4" (0-9 GPM)

1" (10-16 GPM)

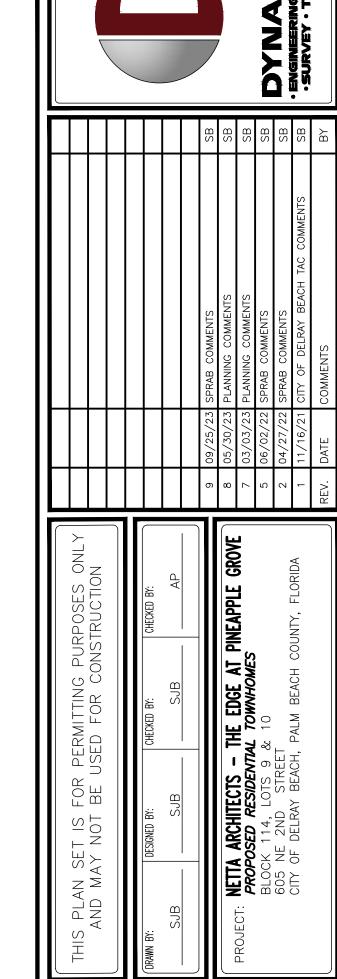
1 1/4" (16-25 GPM) 1 1/2" (25-35 GPM)

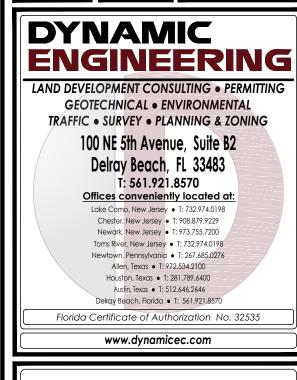
2" (35-52 GPM)

( IN FEET ) <u>Scale 1"=10'</u>



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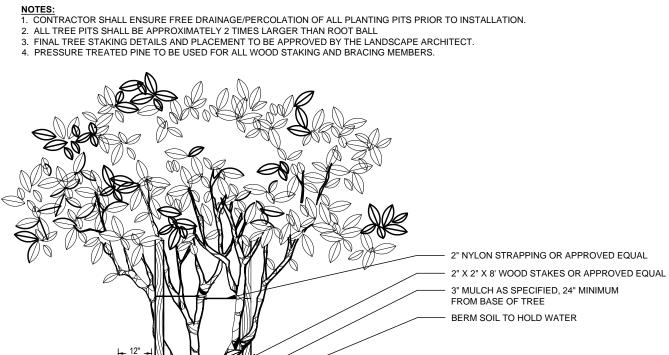


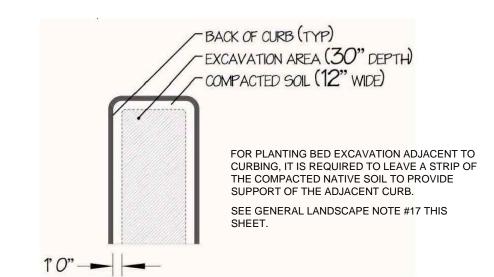




**IRRIGATION** PLAN

SCALE: (H) AS (V) NOTED	DATE: 9/25/23
PROJECT No: 21.010.01	
SHEET No:	Rev. #:





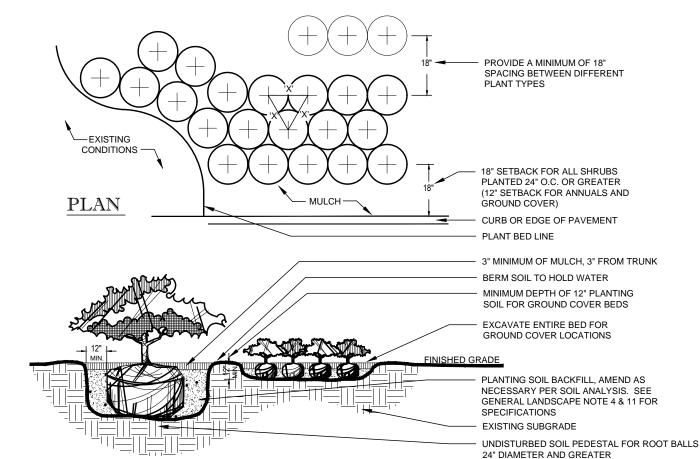
3 CURB AREA PLANTING DETAIL
SCALE: NTS

REMOVE TOP 1/3 OF DEGRADABLE BURLAP
AND TUCK BELOW SOIL TO AVOID WICKING.
DO NOT DISTURB BURLAP AROUND THE
FIBROUS ROOTS.

PLANTING SOIL BACKFILL, AMEND AS
NECESSARY PER SOIL ANALYSIS. SEE
GENERAL LANDSCAPE NOTE 4 & 11 FOR
SPECIFICATIONS

ROOT BALL SET 3"-4" ABOVE FINISHED GRADE
UNDISTURBED SOIL PEDESTAL FOR ROOT BALLS
24" DIAMETER AND GREATER
EXISTING SUBGRADE

MULTI-STEM UNDERSTORY TREE



NOTES:
1. CONTRACTOR SHALL ENSURE FREE DRAINAGE/PERCOLATION OF ALL

- PLANTING PITS/BEDS PRIOR TO INSTALLATION.

  2. ALL PLANTING PITS SHOULD HAVE VERTICAL SIDES AND BE APPROXIMATELY TWO TIMES LARGER THAN ROOT BALL.

  3. PLANT MATERIAL SHALL BE INSTALLED 2" HIGH WITH SOIL MOUNDING
- UP TO THE TOP OF ROOT BALL.

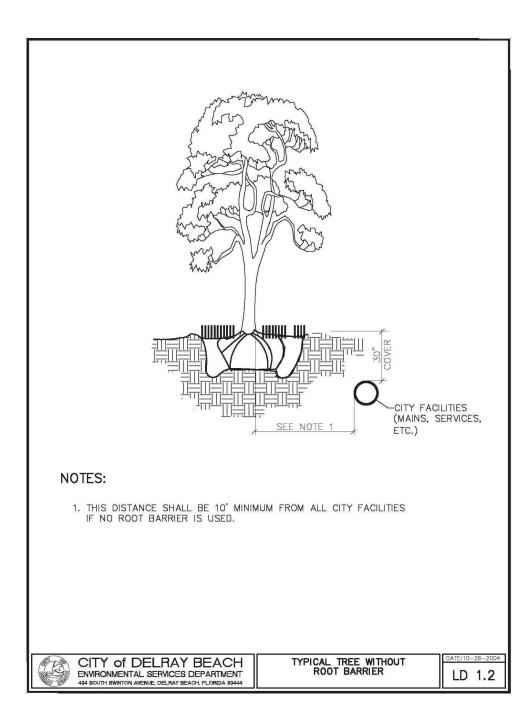
  4. WHERE GROUND COVERS ARE USED IN MASSES, THE ENTIRE BED SHALL BE EXCAVATED PRIOR TO RECEIVING PLANT MATERIAL AND PLANTING SOIL EXCEPT WHERE SPECIFIED.

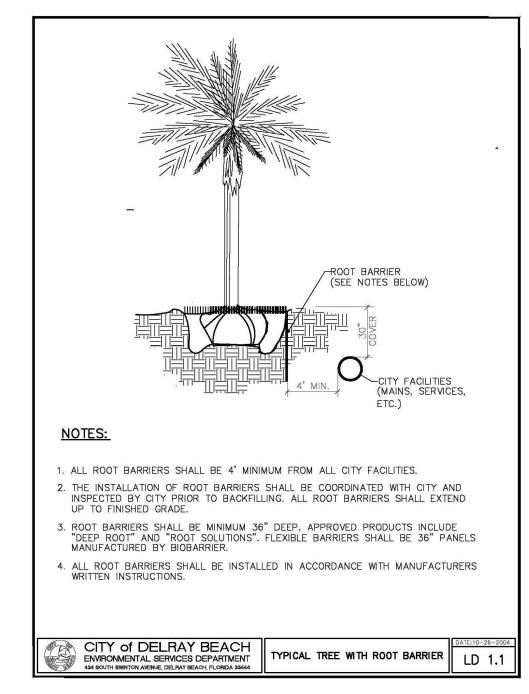
  5. ALL PLANT MATERIAL MASSES TO USE TRIANGULAR SPACING EXCEPT
- WHERE NOTED. REFER TO PLANT LIST FOR INDIVIDUAL PLANT SPACING 'X'.

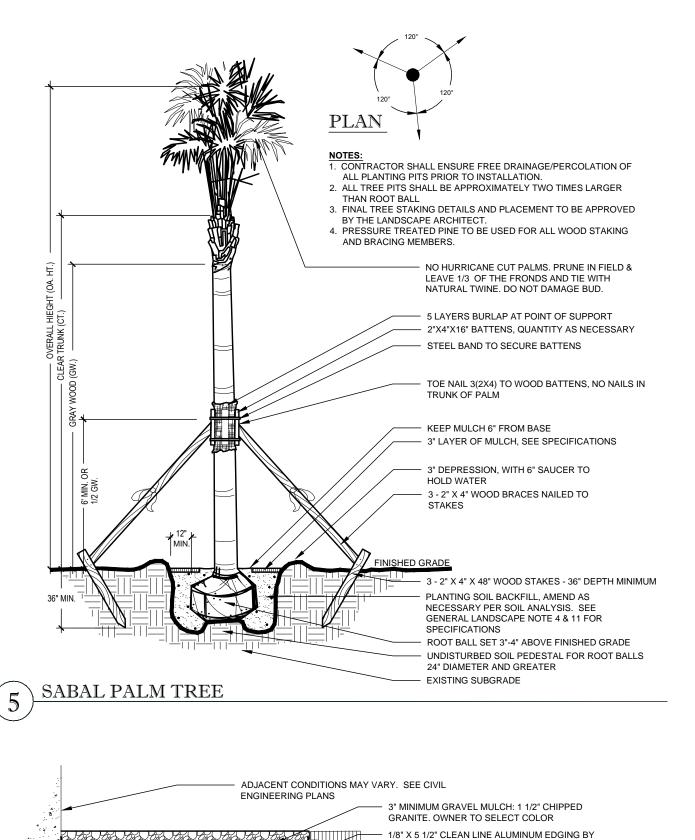
  6. PLANT MATERIAL INSTALLED ADJACENT TO STRAIGHT EDGES SHALL BE SPACED IN ROWS PARALLEL TO THE STRAIGHT EDGE. THOSE INSTALLED ADJACENT TO CURVED EDGES SHALL BE PLANTED IN ROWS PARALLEL TO THE CURVED EDGE.

SHRUB AND GROUND COVER

SCALE: NTS







## CANOPY TREE PLANTING NOTES:

GRAVEL APPLICATION

- 1. EACH TREE SHALL RECEIVE SIX "AGRIFORM" 21 GRAM TABLETS PER MANUFACTURER'S DIRECTIONS.
- 2. ALL TREES SHALL HAVE A MINIMUM CLEARANCE OF 15' FROM LIGHT POLES, AND SHALL NOT BE INSTALLED WITHIN 10 FT. OF ANY ABOVE GROUND UTILITIES OR WITHIN 30 FT. OF THE FACE OF A STOP SIGN.

PERMALOC (COLOR: BLACK), OR APPROVED EQUAL,

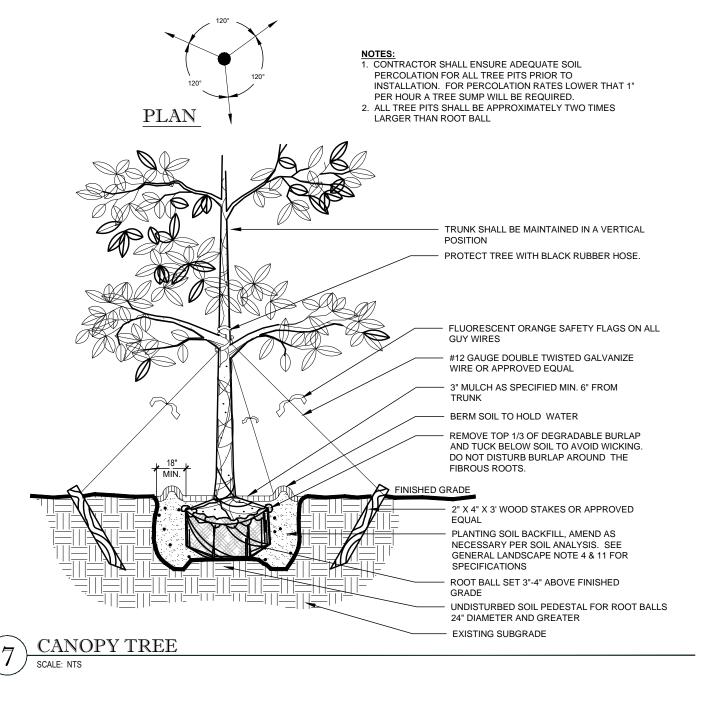
2 OZ. WEEDSTOPPER SPUNBOND FILTER FABRIC BY

BETWEEN GRAVEL AND ADJACENT SOD OR

FABRISCAPE, OR APPROVED EQUAL

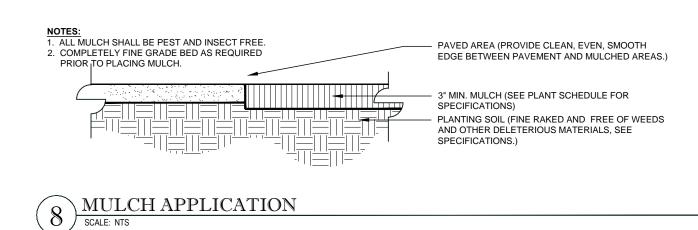
- COMPACTED SUBGRADE

3. ALL TREE TRIMMING SHALL BE IN ACCORDANCE WITH LOCAL CODES AND THE AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)A-300 PRUNING STANDARDS.



### GENERAL PLANTING NOTES:

- 1. NUISANCE, EXOTIC PLANT SPECIES REMOVAL SHALL BE COMPLETED IN ACCORDANCE WITH SECTIONS OF THE MUNICIPAL REGULATIONS, GUIDELINES AND STANDARDS.
- 2. ALL PLANT MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER, AS SET FORTH BY THE LATEST EDITION OF FLORIDA GRADES AND STANDARDS.
- 3. PLANT MATERIAL SHALL BE LOCAL FLORIDA NURSERY STOCK.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER PLANTING SOIL AND AMENDMENTS RECOMMENDED BY A SOIL ANALYSIS REPORT FOR HEALTHY, VIGOROUS PLANT GROWTH. SEE NOTE 11.
- 5. ALL PLANT MATERIAL HOLES SHALL BE HAND DUG EXCEPT WHERE MACHINE DUG HOLES WILL NOT ADVERSELY AFFECT OR DAMAGE UTILITIES OR PROJECT IMPROVEMENTS.
- 6. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL LANDSCAPE ELEMENTS UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY THE OWNER'S REP. THIS MAINTENANCE SHALL INCLUDE BUT MAY NOT BE LIMITED TO MOWING, EDGING AND TRIMMING GRASS, KEEPING PLANTING BEDS FREE OF DEBRIS AND WEEDS, MANAGING ALL DISEASE OR INFESTATION, WATERING OF PLANT MATERIALS, AND MAINTAINING MULCH.
- 7. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF 1 YEAR FROM THE DATE OF COMPLETION OF CONSTRUCTION.
- 8. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND STAKE ALL UTILITIES. A MINIMUM OF TEN FEET SEPARATION IS REQUIRED BETWEEN UTILITIES AND TREE PLANTINGS. IN ADDITION, ALL TREES SHALL BE LOCATED AT LEAST SIX FEET AWAY FROM THE FLOW LINE OF SWALES AND PROPOSED OR EXISTING STORM WATER INLETS.
- 9. NEW PLANT MATERIAL TO BE INSTALLED WILL BE FIELD ADJUSTED TO ACCOMMODATE EXISTING PLANT MATERIAL SUCH AS OVERHEAD CANOPY TREES, UNDER-STORY TREES AND SHRUBS OR GROUND COVER. THIS WILL ENSURE EXISTING PLANT MATERIAL TO REMAIN IN ITS NATURAL STATE. THEREFORE, NO EXISTING PLANT MATERIAL WILL BE ALTERED BY REMOVING, CUTTING TRIMMING OR DESTROYING IN ORDER TO INSTALL NEW PLANT MATERIAL.
- 10. ALL PLANT MATERIALS TO BE CONTAINER GROWN UNLESS OTHERWISE SPECIFIED. BAG GROWN PLANTS ARE NOT ACCEPTABLE.
- 11. THE PLANTING SOIL USED IN THE PLANTING OPERATIONS SHALL BE A 70 / 30 MIX BY ATLAS PEAT & SOIL, INC. (OR APPROVED EQUAL) CONSISTING OF NATURAL, FRIABLE, FINE LOAM WITH A pH OF 5.5 TO 7.0, AND 3-5% ORGANIC MATTER. IT SHALL BE FREE OF WEED SEEDS, PATHOGENS, LITTER, SOD, CLAY, ROAD BASE, STONES, ROOTS AND STUMPS. SOIL DEPTH SPECIFIED ON THE PLANS IS MEASURED AFTER LIGHT COMPACTION. SEE NOTE 4.
- 12. BED PREPARATION: INSTALL A MINIMUM DEPTH OF TWELVE INCHES OF PLANTING SOIL. REMOVE ALL DEBRIS BEFORE SOIL PLACEMENT. GRADE THE BED TO THE PROPOSED FINISH GRADE. DIG PLANTING PITS AT 2 TIMES THE DIAMETER OF THE POT. FILL PLANT PIT WITH SPECIFIED PLANTING SOIL AND COMPACT SO THAT THE TOP OF ROOT BALL WILL SETTLE 1/8 DEPTH OF THE ROOT BALL ABOVE FINISH GRADE. SET PLANT AND FILL REMAINDER OF HOLE WITH PLANTING SOIL AND WATER IN. FERTILIZE EACH PLANT WITH THE RECOMMENDED RATE BASED ON SOIL ANALYSIS AND RECOMMENDATIONS. WATER IN ENTIRE PLANTING BED THOROUGHLY. RESET ANY PLANTS THAT SETTLE TOO DEEP. REMOVE SPOIL SOIL AND RAKE THE BED TO ITS FINISH GRADE.
- 13. MULCH ALL BED AREAS WITH A 3" DEPTH OF APPROVED ORGANIC MULCH, ENSURE MULCH OVER ROOT BALLS DOES NOT EXCEED A DEPTH OF ONE INCH. REMOVE ALL DEBRIS FROM THE MULCH. WATER BED THOROUGHLY. THE USE OF CYPRESS MULCH IS PROHIBITED.
- 14. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR HOLDING THE FINE GRADING OF PLANTING AREAS TO ENSURE AT LEAST THREE PERCENT POSITIVE DRAINAGE AWAY FROM BUILDINGS. IN ADDITION, THE FINISH MULCH ELEVATION AT THE BUILDINGS SHALL BE AT LEAST SIX INCHES BELOW FINISH FLOOR OF THE ADJACENT BUILDING. PLANTING BEDS SHALL MEET SIDEWALKS AND FLATWORK AT TWO INCHES BELOW THE FLATWORK.
- 15. IF ALTERNATIVE VEGETATION IS UTILIZED, I.E. MATCHING AND/OR EXTENDING EXISTING SHRUB BED. THE INSTALLED MATERIAL MUST BE HEAL THY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASES. ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE TO FLORIDA NO.1 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS", PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. MATERIAL IN SOME INSTANCES SHALL EXCEED NO. 1 GRADE, IN ORDER TO MEET THE MINIMUM REQUIREMENTS OF THIS PROJECT.
- 16. LANDSCAPE CONTRACTOR SHALL REPAIR, RELOCATE AND/OR REPLACE ANY CONSTRUCTION DAMAGED OR REMOVED LANDSCAPE MATERIALS, ON OR OFF SITE, THAT ARE NOT DELINEATED ON THE DEMOLITION PLANS. CONTRACTOR SHALL OBTAIN APPROVAL FROM OWNER'S REP. PRIOR TO ANY REMEDIATION LANDSCAPE EFFORTS.
- 17. ALL LANDSCAPE ISLANDS AND INTERIOR LANDSCAPE STRIPS SHALL BE EXCAVATED DOWN TO A DEPTH OF 30 INCHES BELOW EXISTING GRADE, AND A SUITABLE PLANTING SOIL MIXTURE SHALL BE BACKFILLED TO CREATE ENVIRONMENT FOR SUCCESSFUL ROOT DEVELOPMENT. BACKFILL SHOULD BE INSTALLED IN 6" LIFTS AND COMPACTED TO 75% PROCTOR.
- 18. ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO CITY OF DELRAY STANDARD

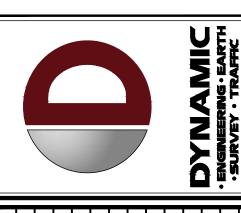






LANDSCAPE ARCHITECTURE & PLANNING
LC-26000593

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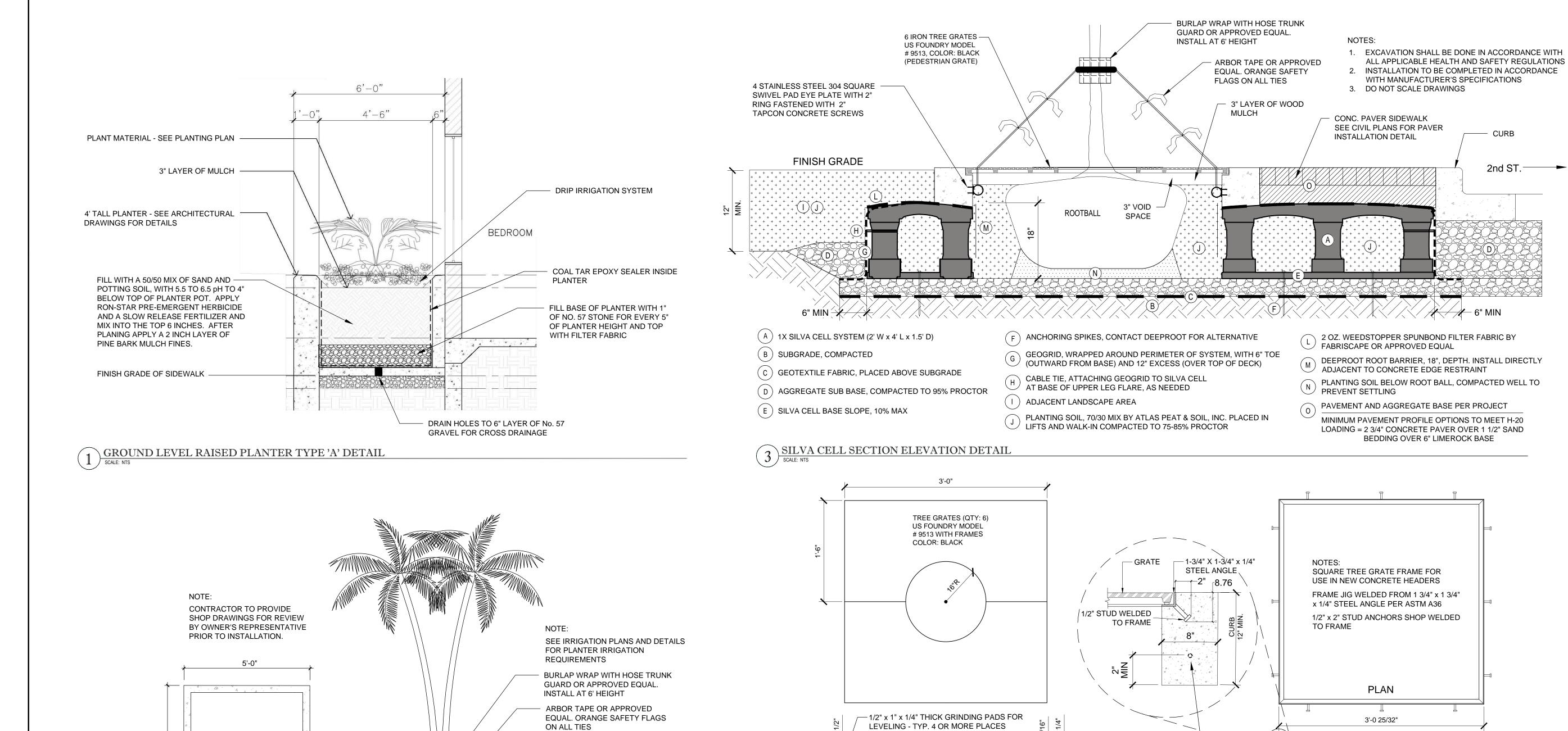
					9 09/25/23 SPRAB COMMENTS	8 05/30/23 PLANNING COMMENTS	7 03/03/23 PLANNING COMMENTS	5 06/02/22 SPRAB COMMENTS	2 04/27/22 SPRAB COMMENTS	1 1/16/21 CITY OF DELRAY BEACH TAC COMMENTS	REV. DATE COMMENTS
THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY	AND MAY NOT BE USED FOR CONSTRUCTION		( DRAWN BY: DESIGNED BY: CHECKED BY: CHECKED BY:	SJB SJB AP		NETTA ARCHITECTS - THE ENGE AT DINEADDIF CROVE	PROJECT: METHER ENOUGH TOWNHOWES	BLOCK 114, LOTS 9 & 10	605 NE 2ND STREET	CIIY OF DELKAY BEACH, PALM BEACH COUNIY, FLORIDA	





LANDSCAPE DETAILS

LP-4



ON ALL TIES

- 3" LAYER OF CRUSHED

OVER FILTER FABRIC

CONCRETE SCREWS

DRAIN HOLES

6" THICK PLANTER WALL

GRANITE MULCH (GRAY)

4 STAINLESS STEEL 304 SQUARE

SWIVEL PAD EYE PLATE WITH 2" RING FASTENED WITH 2" TAPCON

COAL TAR EPOXY SEALER INSIDE. PLANTER, PAINTED STUCCO

DRIVEWAY PAVEMENT

- FILL BASE OF PLANTER WITH 4" LAYER OF

NO. 57 STONE AND TOP WITH FILTER FABRIC

EXTERIOR TO MATCH BUILDING

PRECAST CONCRETE

ARCHITECTURE PLANS

FOR SPECIFICATIONS

(PLAN VIEW)

FILL WITH A 50/50 MIX OF SAND AND POTTING

SOIL, WITH 5.5 TO 6.5 pH TO 6" BELOW TOP OF

RELEASE FERTILIZER AND MIX INTO THE TOP

6" THICK LAYER OF NO. 57 STONE LEVELING

PAD / DRAIN LAYER WRAPPED IN FILTER

12 INCHES OF SOIL. COMPACT UNDER ROOT

GROUND LEVEL RAISED PLANTER TYPE 'B' DETAIL

SCALE: NTS

PRE-EMERGENT HERBICIDE AND A SLOW

GRADE

(ELEVATION)

PLANTER POT. APPLY RON-STAR

**FABRIC** 

PLANTER. SEE

TREE GRATES SILVA CELL AREA EAST SEE SHEET LP-2 FOR LOCATION [------TREE GRATES SILVA CELL AREA WEST SEE SHEET LP-2 FOR LOCATION 

**TREE GRATE DETAIL** 

5 SILVA CELL LAYOUT PLAN DETAIL
SCALE: NTS

1 - #4 REBAR

LOOP CONT.



SECTION

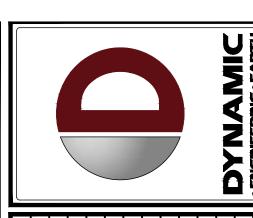


- CURB

2nd ST.

LANDSCAPE ARCHITECTURE & PLANNING LC-26000593

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PLAN S	ET IS FOR PE	PLAN SET IS FOR PERMITTING PURPOSES ONLY	POSES ONLY			
ND MA	Y NOT BE US	ND MAY NOT BE USED FOR CONSTRUCTION	TRUCTION			
	Designed BY:	CHECKED BY:	CHECKED BY:			
ЭВ	SJB	SJB	АР			
				6	09/25/23	09/25/23 SPRAB COMMENTS
NETTA	ARCHITECTS -	NETTA ARCHITECTS - THE ENGE AT DINEADDIE CROVE	MEAPPI E CROVE	80	05/30/23	05/30/23 PLANNING COMMENTS
PROP	PROPOSED RESIDENTIAL TOWNHOMES	AL TOWNHOMES		7	03/03/23	03/03/23 PLANNING COMMENTS
BLOCI	BLOCK 114, LOTS 9 & 10	& 10		2	06/02/22	06/02/22 SPRAB COMMENTS
605	605 NE 2ND STREET			2	04/27/22	04/27/22 SPRAB COMMENTS
) ≿IIS	JE DELKAY BEACH,	CIIY OF DELKAY BEACH, PALM BEACH COUNIY, FLORIDA	INIY, FLORIDA	1	11/16/21	1 11/16/21 CITY OF DELRAY BEACH TAC COI

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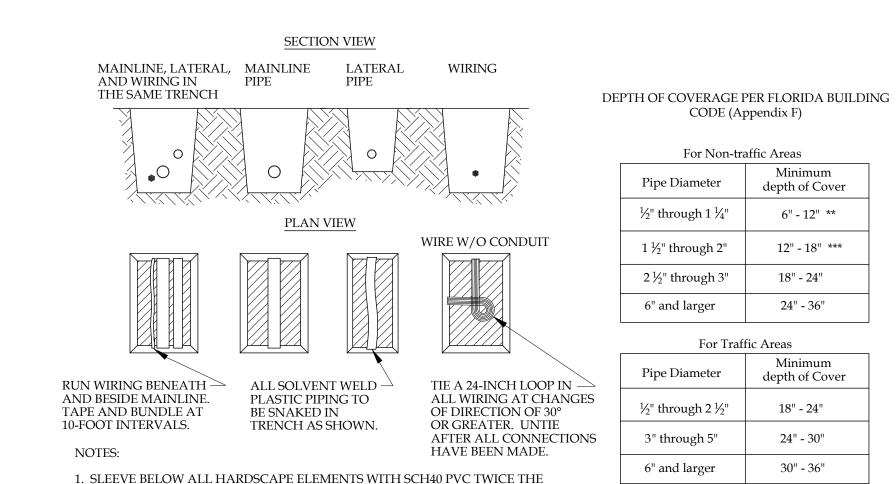
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

LANDSCAPE **DETAILS** 

Call before you dig.

9/25/23 21.010.01



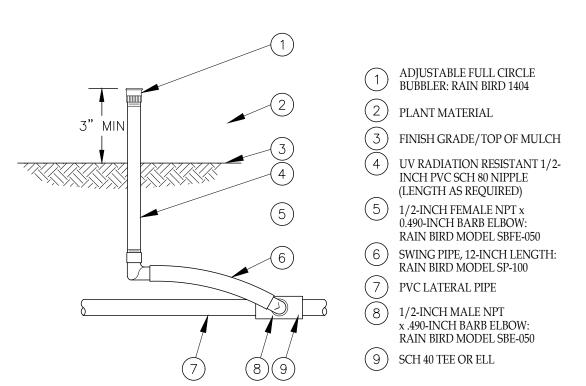


PIPE & WIRE TRENCHING DETAIL

DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.

2. FOR PIPE AND WIRE BURIAL DEPTHS SEE SPECIFICATIONS.

PLAN



CODE (Appendix F)

For Non-traffic Areas

For Traffic Areas

depth of Cover

6" - 12" \*\*

12" - 18" \*\*\*

18" - 24"

24" - 36"

depth of Cover

18" - 24"

24" - 30"

30" - 36"

NTS.

# FULL CIRCLE BUBBLER DETAIL

SXB-360-SPYK DRIP EMITTER,

DRAIN BELOW, BY OTHERS

PLANTER DRIP IRRIGATION

SOIL AT 1" BELOW TOP OF PLANTER

DRAINAGE PIPE WITH ATRIUM GRATE TO

BE CONNECTED TO DRAINAGE SYSTEM,

HDPE FLEX PIPE TO EMITTERS

ADJACENT CONDITIONS VARY -

IRRIGATION LATERAL LINE IN

CONDUIT, SEE IRRIGATION PLAN

PVC IRRIGATION RISER

PLANTER

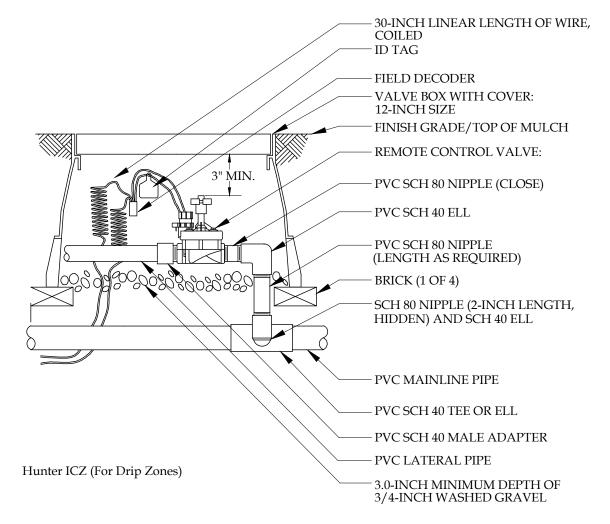
NO. 57 STONE

SEE SITE PLAN

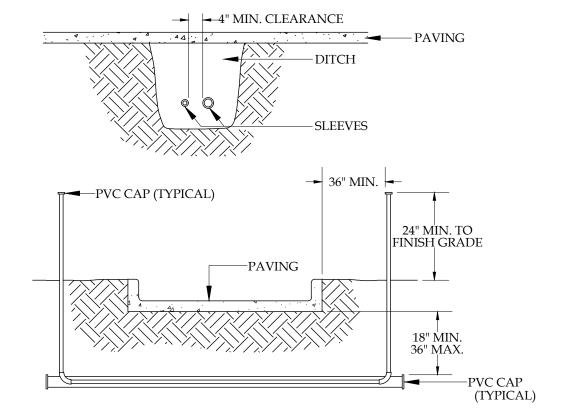
RAISED PLANTER IRRIGATION

1 PER SHRUB

NTS.

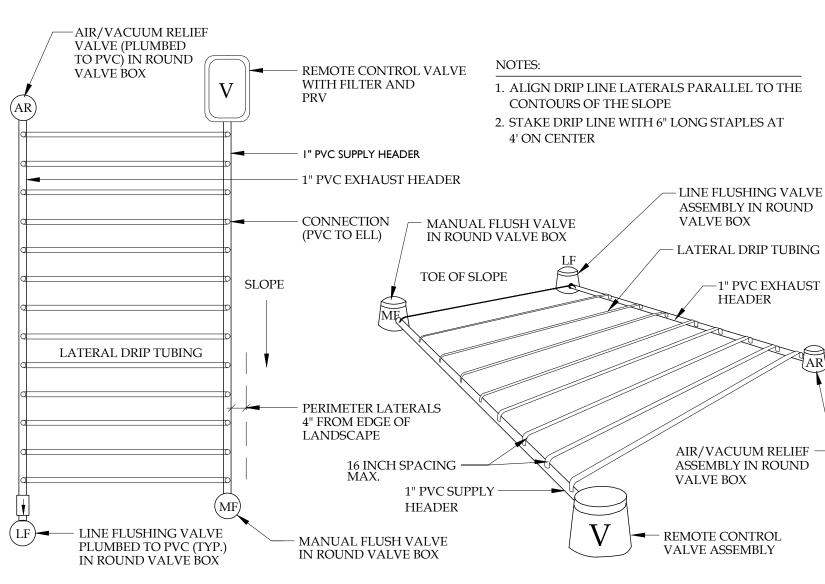


# REMOTE CONTROL VALVE



- 1. ALL PVC IRRIGATION SLEEVES TO BE SCH40 PIPE. SEE INSTALLATION NOTE #14 2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
- 3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND THE SMALLER SLEEVE TO 24-INCHES MINIMUM ABOVE FINISH GRADE.
- 4. MECHANICALLY TAMP TRENCH BACKFILL TO 95% PROCTOR.

# PIPE AND WIRE SLEEVE DETAIL



## DRIP LINE DETAIL

LA-0001660 STATE OF

LANDSCAPE ARCHITECTURE & PLANNI

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# **INSTALLATION NOTES**

- 1. The Contractor must provide an automatic underground irrigation system providing 100% coverage of all new landscape material. The system water source will be a water main connection providing approximately 30 gpm at 50 psi at the source point. The contractor shall verify that the source meets the design requirements prior to installation.
- 2. The Contractor must comply with the current Florida Building Code.
- 3. No product substitutions or changes will be allowed without the written approval of the Owner and Irrigation Designer.
- 4. The Contractor is responsible for all permits and fees
- 5. Over-spray onto buildings, signs or pavement is prohibited. 6. The Contractor is responsible for locating utilities prior to digging.

7. No rocks or other extraneous materials to be used in backfilling of

- pipe trenches. 8. All pipe to be installed as per manufacturer's specifications.
- 9. All threaded joints to be coated with Teflon tape or liquid Teflon.
- 10. All pipes to be thoroughly flushed before installation of heads.
- 11. All low voltage electrical connections made in the field to be installed in valve boxes with waterproof connectors.
- 12. The Contractor shall be responsible for proper coverage of all landscape areas.
- 13. The Contractor to supply to the Owner with operation manuals and two (2) wrenches for adjusting each valve and head type.
- 14. All mainline, lateral line and control wire conduit under paving shall be installed in separate sleeves. Sleeves shall be a minimum of twice (2X) the diameter of the pipe to be sleeved.
- 15. All control wires shall be minimum #14 AWG. Run two (2) spare control wires and identify them in the valve box.
- 16. All remote control valves, gate valves, quick couplers, control wire and computer cable pull points shall be installed in approved valves boxes with covers. All shall be marked indicating station numbers.
- 17. 120 VAC electrical power source at controller location shall be provided by others. The electrical contractor shall make the final connection from the electrical source to the controller.
- 18. The irrigation contractor shall flush and adjust all pipe, emitters and valves for optimum spray with minimal overspray onto walks, streets,
- 19. Do not willingly 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 revisions necessary.
- 20. All sprinkler equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
- 21. The irrigation contractor shall incorporate check valves on all emitters as needed to prevent low head drainage where possible post valve shut-off draining will occur.
- 22. Installer is required to conduct final testing and adjustment to achieve design specification prior to completion of the system and acceptance by the owner or owner's representative.
- 23. Contractor to provide owner with post construction documentation, including as-built drawings, recommended maintenance schedules and activities, operational schedule, design precipitation rates, system adjusting methods for decreasing water once landscape is established, water source and shutoff method and all operational guides for

# TESTING & MAINTENANCE

Upon completion of main line and prior to backfill, pressure test the entire water-filled main line (with valves and backflow closed) at (150) pounds per square inch for 30 minutes using a pump and pressure gauge. Repair any systems which exceed (5) pounds per square inch drop in 30 minutes of testing, until the standard can be achieved and verified.

SYSTEM MAINTENANCE:

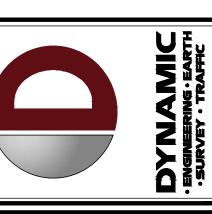
Every month the irrigation system shall be inspected to ensure that the various components and functions of the irrigation system are functioning properly. The scope of work includes, but is not limited to, the point of connection, piping system, electrical system, sprinkler heads, nozzles, drip components, valves, controller and weather/soil sensors.

# SYSTEM SCHEDULING

Before scheduling run times, the site should be "walked" and planted areas inspected to observe plant stress and health. Soil moisture levels should be inspected throughout planted areas, and appropriate adjustments made to the irrigation schedule. Each irrigation session should be scheduled to encourage deep roots through deep watering and minimal runoff. This can be achieved through use of multiple short repeat cycles when necessary, especially on slopes and sites with compacted soils. Watering times should deliver enough water to soak the ground to a depth of 12 inches. Run times should be adjusted accordingly to soil type and plant water requirements. Less water is needed to soak a sandy soil compared to a clay soil. Soils should be allowed to dry to a 50% moisture depletion level between irrigations to avoid root rot and allow adequate air to be present in the soil. Run times shall be adjusted seasonally.



LC-26000593



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	6	09/25/23	09/25/23 SPRAB COMMENTS	SB
NF.	∞	05/30/23	05/30/23 PLANNING COMMENTS	SB
7	7	03/03/23	03/03/23 PLANNING COMMENTS	SB
	2	06/02/22	06/02/22 SPRAB COMMENTS	SB
	2	04/27/22	04/27/22 SPRAB COMMENTS	SB
	-	11/16/21	11/16/21 CITY OF DELRAY BEACH TAC COMMENTS	SB
	RFV	RFV. DATE	SINJA	ВУ

G PURPOSES ONI CONSTRUCTION	BY: CHECKED BY: SJB AP	PROJECT: NETTA ARCHITECTS – THE EDGE AT PINEAPPLE GRON PROPOSED RESIDENTAL TOWNHOMES BLOCK 114, LOTS 9 & 10 605 NE 2ND STREET CITY OF DELRAY BEACH, PALM BEACH COUNTY, FLORIDA
ERMITTIN ED FOR	CHECKED BY:	THE EDG 4. <i>Town</i> // & 10 Palm BE
THIS PLAN SET IS FOR PERMITTING PURPOSES ONL AND MAY NOT BE USED FOR CONSTRUCTION	DESIGNED BY: SJB	NETTA ARCHITECTS – THE EDGE AT PROPOSED RESIDENTIAL TOWNHOMES BLOCK 114, LOTS 9 & 10 605 NE 2ND STREET CITY OF DELRAY BEACH, PALM BEACH OF
	DRAWN BY: SJB	PROJECT: <b>NET</b> PROJECT: <b>NET</b> BLC  605  CITY



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> **IRRIGATION DETAILS**

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