

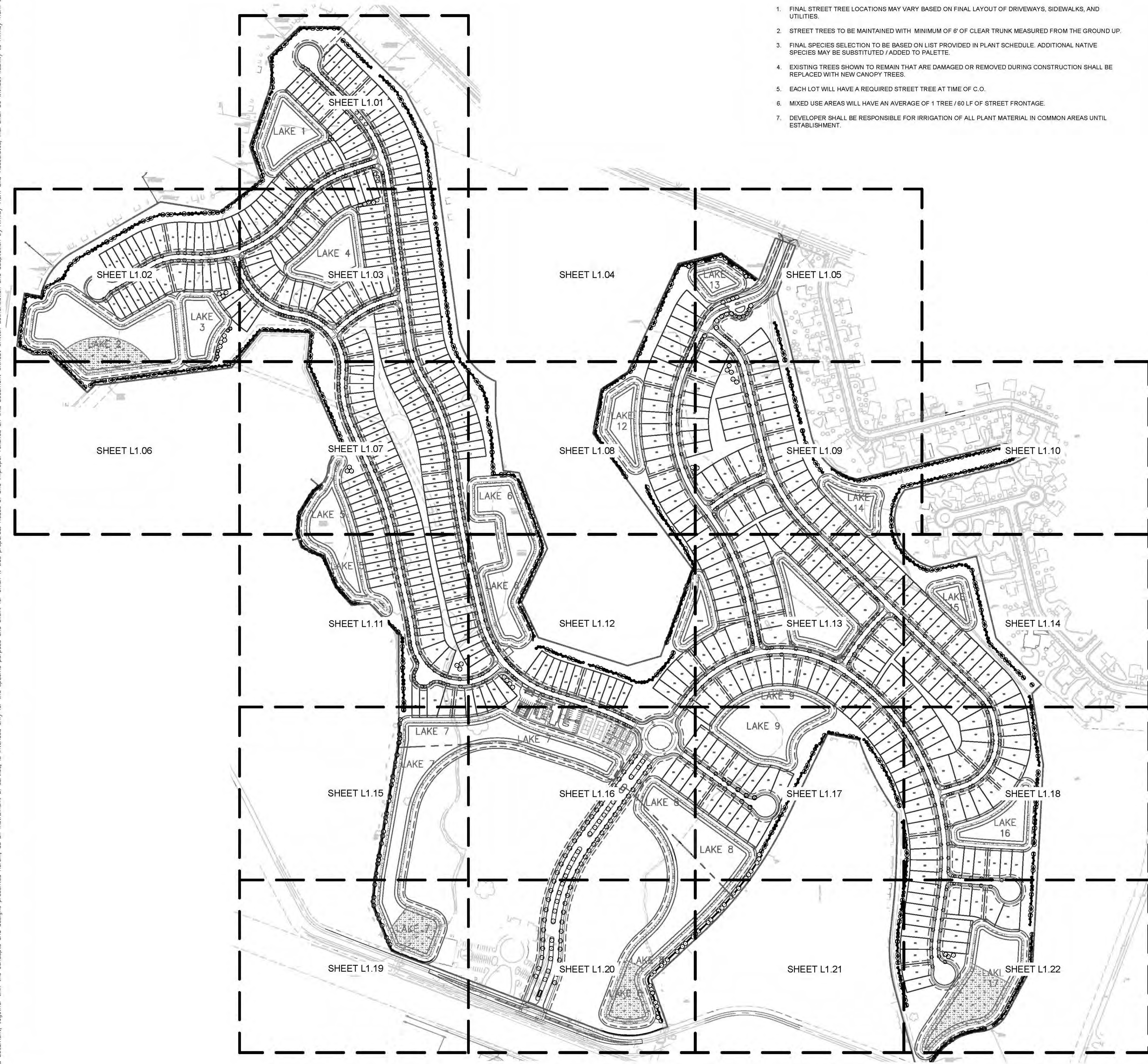
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APPROVED

By City Arborist June 6, 2021

STREET TREE GENERAL NOTES:

1. FINAL STREET TREE LOCATIONS MAY VARY BASED ON FINAL LAYOUT OF DRIVEWAYS, SIDEWALKS, AND UTILITIES.
2. STREET TREES TO BE MAINTAINED WITH MINIMUM OF 8' OF CLEAR TRUNK MEASURED FROM THE GROUND UP.
3. FINAL SPECIES SELECTION TO BE BASED ON LIST PROVIDED IN PLANT SCHEDULE. ADDITIONAL NATIVE SPECIES MAY BE SUBSTITUTED / ADDED TO PALETTE.
4. EXISTING TREES SHOWN TO REMAIN THAT ARE DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW CANOPY TREES.
5. EACH LOT WILL HAVE A REQUIRED STREET TREE AT TIME OF C.O.
6. MIXED USE AREAS WILL HAVE AN AVERAGE OF 1 TREE / 60 LF OF STREET FRONTAGE.
7. DEVELOPER SHALL BE RESPONSIBLE FOR IRRIGATION OF ALL PLANT MATERIAL IN COMMON AREAS UNTIL ESTABLISHMENT.

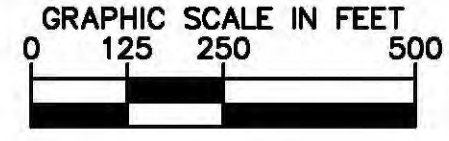


CENTRAL PARC LANDSCAPE CALCULATIONS
NORTH PORT ULDC

	REQUIRED	PROVIDED
LANDSCAPE BUFFERS		
BUFFER A: 3 CANOPY TREES, 3 UNDERSTORY TREES, 30 SHRUBS, AND 3' TO 5' HIGH BERM PER 100 LF BUFFER B: 3 CANOPY TREES, 3 UNDERSTORY TREES, 30 SHRUBS, AND SMALL BERM PER 100 LF BUFFER C: 3 CANOPY TREES, 30 SHRUBS, AND OPTIONAL 6' WALL PER 100 LF SECTION 7 - BUFFER PLAN PER CENTRAL PARC AT NORTH PORT PLANNED COMMUNITY DEVELOPMENT (PCD) PATTERN PLAN	BUFFER A = 10,250 LF 10,250 LF / 100 LF = 102.5 3 CANOPY TREES x 102.5 = 308 CANOPY TREES 3 UNDERSTORY TREES x 102.5 = 308 UNDERSTORY TREES 30 SHRUBS x 102.5 = 3,075 SHRUBS BUFFER B = 8,660 LF 8,660 LF / 100 LF = 86.6 3 CANOPY TREES x 86.6 = 260 CANOPY TREES (INCLUDES 39 PALMS) 3 UNDERSTORY TREES x 86.6 = 260 UNDERSTORY TREES 30 SHRUBS x 86.6 = 2,598 SHRUBS BUFFER C = 2,300 LF 2,300 LF / 100 LF = 23 3 CANOPY TREES x 23 = 69 CANOPY TREES 30 SHRUBS x 23 = 690 SHRUBS	BUFFER A: 312 CANOPY TREES 308 UNDERSTORY TREES 3,190 SHRUBS BUFFER B: 195 CANOPY TREES 201 UNDERSTORY TREES 2,599 SHRUBS BUFFER C = 2,300 LF 2,300 LF / 100 LF = 23 69 CANOPY TREES 690 SHRUBS
STREET TREES	18,940 LF OF ROADWAY x 2 = 37,880 LF 37,880 LF / 135' O.C. SPACING = 1,083 STREET TREES	1,085 STREET TREES PROVIDED
MINIMUM TREE AND SHRUB PLANTING OR PRESERVATION REQUIREMENTS	OPEN SPACE 2,650,530 SF (OPEN SPACE) * 35% = 927,685 SF OF CANOPY COVERAGE REQUIRED.	536 MAJOR SHADE TREES x 1,500 SF = 802,500 SF 500 SMALL SHADE TREES x 250 SF = 125,000 SF TOTAL: 928,000 SF NOTE: CALCULATIONS ASSUME INDIVIDUAL LOT TREE PLANTING
NATIVE TREE SPECIES	50% NATIVE TREE SPECIES	8 NATIVE TREE SPECIES / 10 TOTAL TREE SPECIES = 80% NATIVE TREE SPECIES

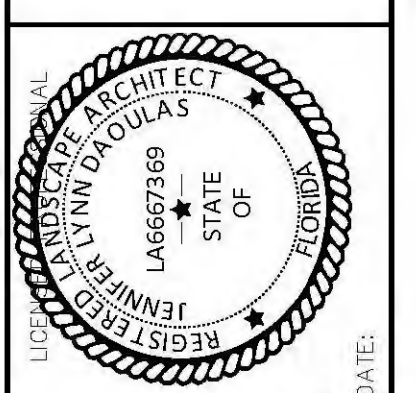
NOTES:

1. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.
2. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.
3. ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.
4. CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE, INCLUDING ANY DISTURBANCE WITHIN RIGHT-OF-WAY. ALL SOD TO BE NON-IRRIGATED BAHIA. CONFIRM FINAL SPECIES SELECTION WITH OWNER PRIOR TO INSTALLATION.
5. ANY EXISTING TREE LOCATED WITHIN ANY EASEMENT SHALL BE MAINTAINED IN PERPETUITY. SHOULD THEY BE REMOVED DUE TO WORK WITHIN THE EASEMENT, SAID TREES SHALL BE REPLACED WITH THE APPROPRIATE NUMBER OF CREDIT TREES.
6. ALL PLANTS SHALL BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH THE NORTH PORT UNIFIED LAND DEVELOPMENT CODE SECTION 21-10 A STANDARDS FOR LANDSCAPE MATERIALS.
7. UTILITY EASEMENTS MUST REMAIN CLEAR OF ALL TREES, STRUCTURES AND ENCROACHMENT OF OTHER EASEMENTS. THE ROOT BALL OF ALL SHADE TREES SHALL BE PLANTED NO CLOSER THAN 10' AND THE ROOTBALL OF ALL PALM TREES SHALL BE PLANTED NO CLOSER THAN 5' FROM EXISTING UTILITIES INFRASTRUCTURE.
8. DEVELOPER WILL PROVIDE TREE AND SHRUB PLANTINGS PER INDIVIDUAL LOT ACCORDING TO REQUIREMENTS IN SECTION 21-7 A OF THE NORTH PORT UNIFIED LAND DEVELOPMENT CODE. EACH LOT SHALL RECEIVE A MINIMUM OF 1 SHADE TREE AND 1 SMALL TREE PER THE PRIORITY LIST IN SECTION 45-19 OF THE NORTH PORT UNIFIED DEVELOPMENT CODE.
9. REFER TO SHEETS L2.00, L2.01, AND L2.02 FOR LANDSCAPE PLANT SCHEDULE, NOTES, AND DETAILS.
10. REFER TO SHEET L2.00 FOR BUFFER PLANTING MAP.
11. WHERE TREE (S) ARE PLANTED CLOSER THAN 5 FEET (MEASURED FROM CENTER OF TREE) FROM A STREET, DRIVEWAY, OR STRUCTURE A 24 INCH ROOT BARRIER SHALL BE INSTALLED. REFER TO SHEET L2.01 FOR DETAIL. ROOT BARRIERS SHALL BE IN COMPLIANCE WITH CHAPTER 45, SECTION 20C(5) OF THE NORTH PORT UNIFIED LAND DEVELOPMENT CODE.
12. THE CONTRACTOR SHALL DETERMINE THE LENGTH OF THE ROOT BARRIER BY THE AVERAGE SPREAD OF THE TREE AS SHOWN IN CHAPTER 45, SECTION 19 "PRIORITY TREE LIST" TABLE WITHIN THE NORTH PORT UNIFIED LAND DEVELOPMENT CODE.
13. ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH RECLAIM WATER PER SECTION 21-15 AND SECTION 38-30 OF THE NORTH PORT UNIFIED LAND DEVELOPMENT CODE. IRRIGATION EQUIPMENT SHALL BE IDENTIFIED AS RECLAIMED WATER THROUGH THE USAGE OF PURPLE CAPS AND TUBING.



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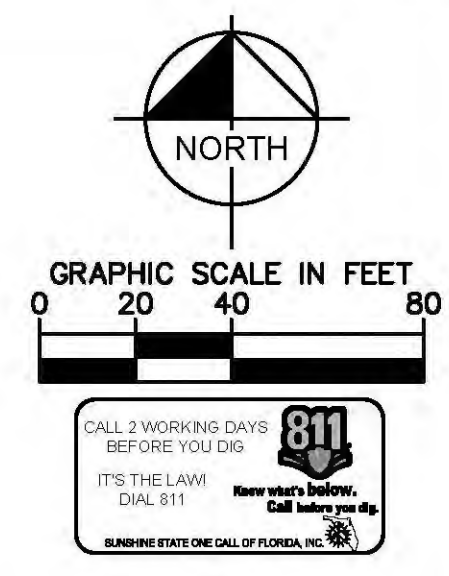
KHA PROJECT 148860000
 DATE OCTOBER 2020
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY KHA/JLD
 CHECKED BY JLD

LANDSCAPE INDEX PLAN

CENTRAL PARC AT NORTH PORT
 PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.00

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PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
AF		FLORIDA FLAME RED MAPLE
BB		SHADY LADY BLACK OLIVE
PD		SLASH PINE
TC		YELLOW POINCIANA
TD		BALD CYPRESS
MAJOR SHADE TREES		COMMON NAME
MB		SOUTHERN MAGNOLIA
QV		SOUTHERN LIVE OAK
MEDIUM SHADE TREE		COMMON NAME
MS		LITTLE GEM MAGNOLIA
SMALL SHADE TREE		COMMON NAME
CD		PIGEON PLUM
MC		WAX MYRTLE
SS		CABBAGE PALMETTO
SHRUBS		COMMON NAME
HF		FIRE BUSH
IV2		YAUPON HOLLY
MC2		PINK MUHLY
PN2		WILD COFFEE
SR		SAW PALMETTO
VD		WALTER'S VIBURNUM

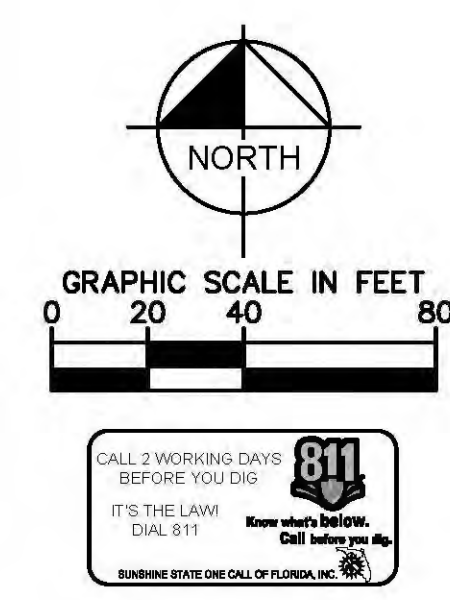
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<p>REGISTERED PROFESSIONAL ARCHITECT JAMES R. HORN L.A. 667369 STATE OF FLORIDA</p>								
<p>CENTRAL PARC AT NORTH PORT PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, NORTH PORT, FLORIDA</p>								
<p>SHEET NUMBER L1.01</p>								

MATCH LINE SEE SHEET L1.03

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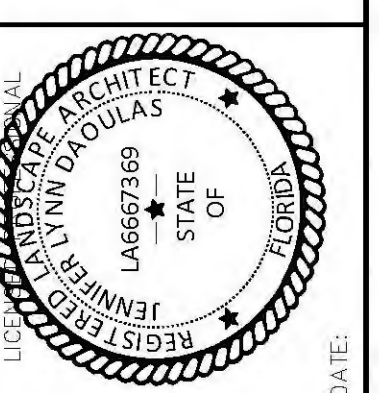
PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
AF		FLORIDA FLAME RED MAPLE
BB		SHADY LADY BLACK OLIVE
PD		SLASH PINE
TC		YELLOW POINCIANA
TD		BALD CYPRESS
MAJOR SHADE TREES		COMMON NAME
MB		SOUTHERN MAGNOLIA
QV		SOUTHERN LIVE OAK
MEDIUM SHADE TREE		COMMON NAME
MS		LITTLE GEM MAGNOLIA
SMALL SHADE TREE		COMMON NAME
CD		PIGEON PLUM
MC		WAX MYRTLE
SS		CABBAGE PALMETTO
SHRUBS		COMMON NAME
HF		FIRE BUSH
IV2		YAUPON HOLLY
MC2		PINK MUHLY
PN2		WILD COFFEE
SR		SAW PALMETTO
VD		WALTER'S VIBURNUM



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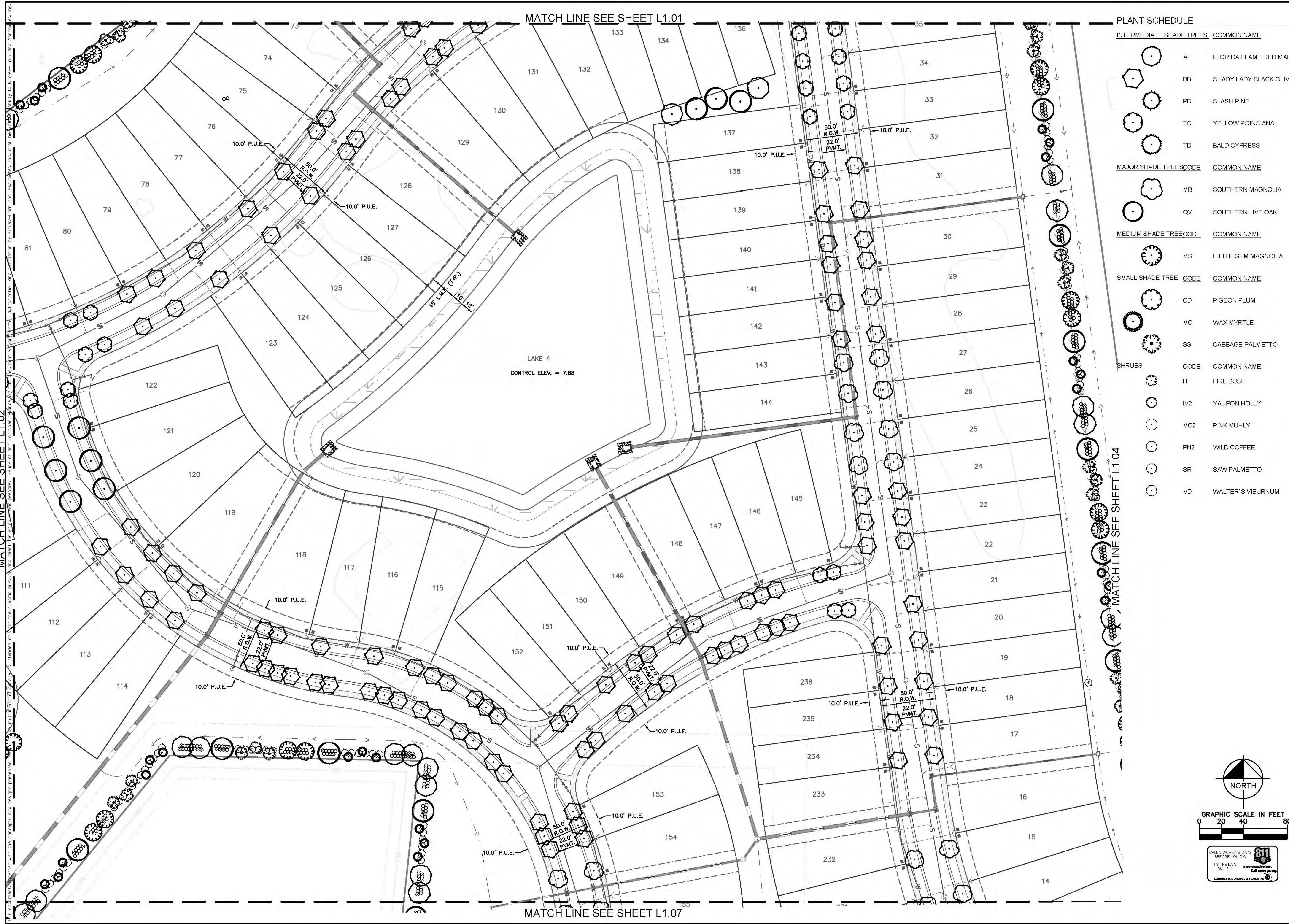
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LANDSCAPE PLAN

CENTRAL PARC AT NORTH PORT
 PREPARED FOR
 SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.02

MATCH LINE SEE SHEET L1.02
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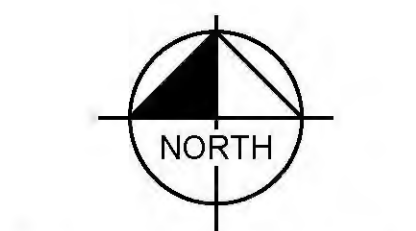


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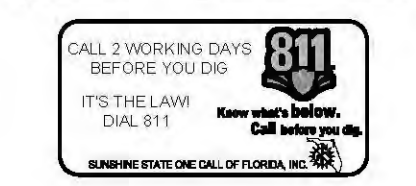
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PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
AF		FLORIDA FLAME RED MAPLE
BB		SHADY LADY BLACK OLIVE
PD		SLASH PINE
TC		YELLOW POINCIANA
TD		BALD CYPRESS
MAJOR SHADE TREES		COMMON NAME
MB		SOUTHERN MAGNOLIA
QV		SOUTHERN LIVE OAK
MEDIUM SHADE TREE		COMMON NAME
MS		LITTLE GEM MAGNOLIA
SMALL SHADE TREE		COMMON NAME
CD		PIGEON PLUM
MC		WAX MYRTLE
SS		CABBAGE PALMETTO
SHRUBS		COMMON NAME
HF		FIRE BUSH
IV2		YAUPOH HOLLY
MC2		PINK MUHLY
PN2		WILD COFFEE
SR		SAW PALMETTO
VD		WALTER'S VIBURNUM



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REGISTERED PROFESSIONAL ARCHITECT
 LICENSE NO. 148860000
 JAMES E. HORN
 STATE OF FLORIDA

KHA PROJECT: 148860000
 DATE: OCTOBER 2020
 SCALE: AS SHOWN
 DESIGNED BY: KHA
 DRAWN BY: KHA/JLD
 CHECKED BY: JLD DATE:

CENTRAL PARC AT NORTH PORT
 PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA


















LANDSCAPE PLAN

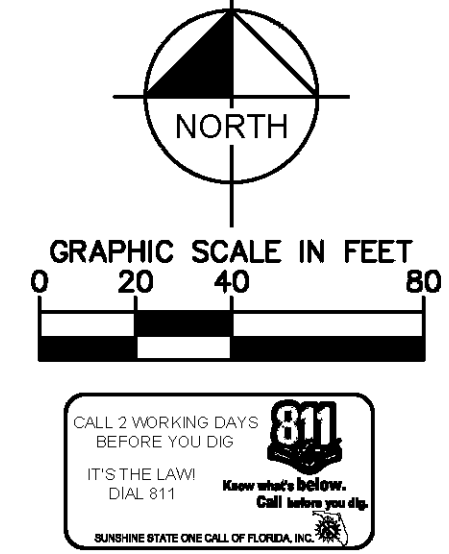
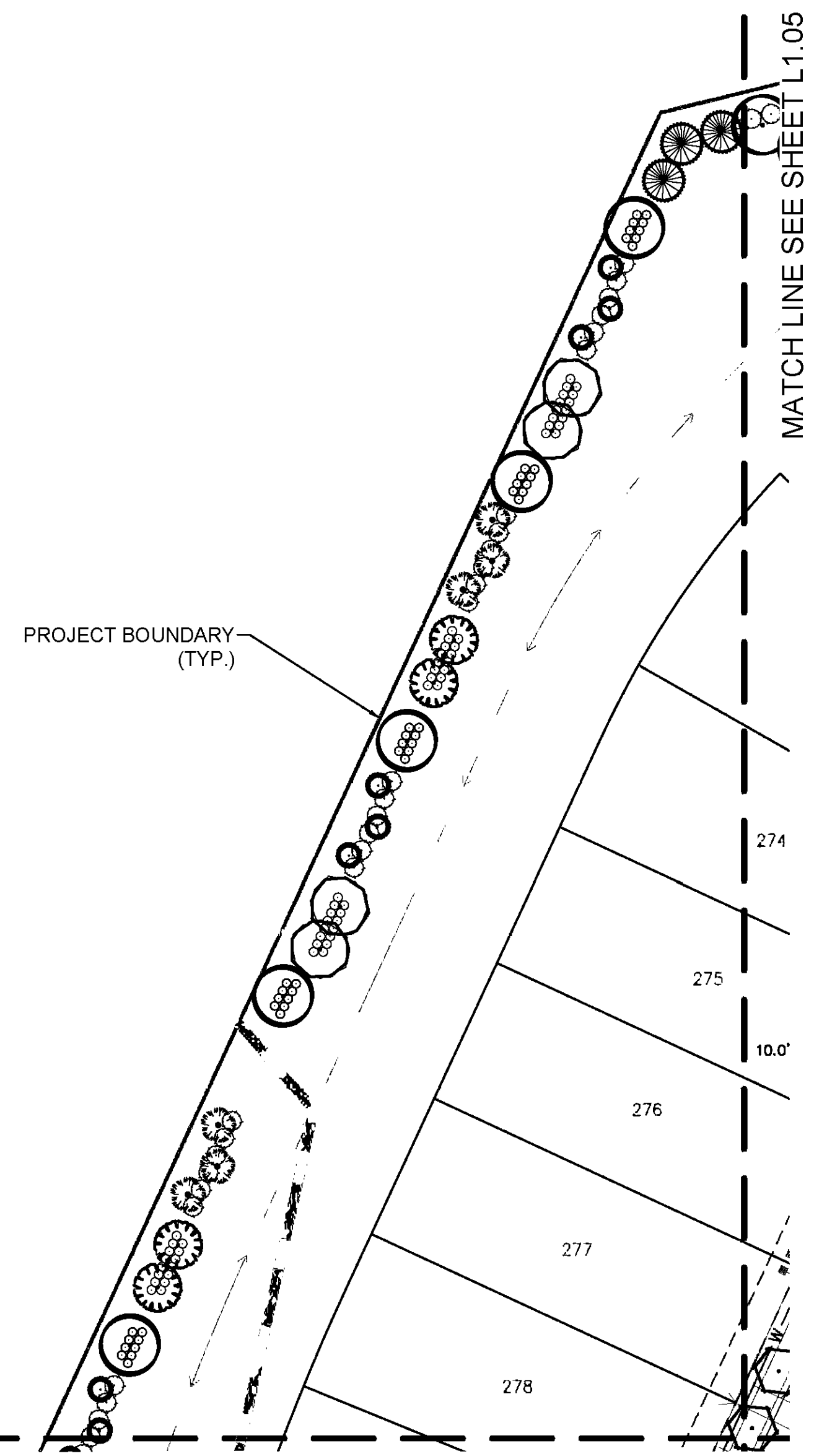
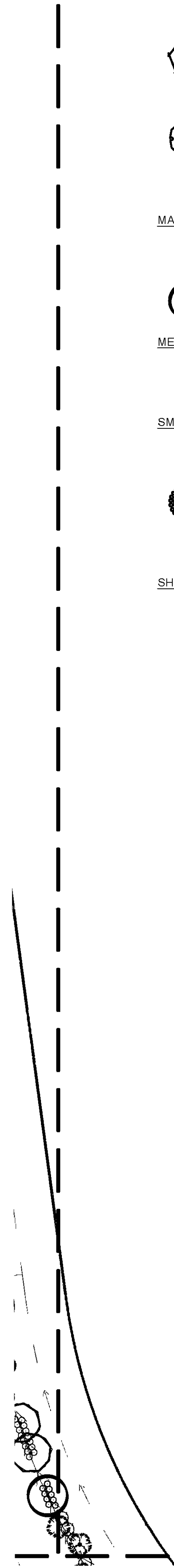
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AF	FLORIDA FLAME RED MAPLE	
BB	SHADY LADY BLACK OLIVE	
PD	SLASH PINE	
TC	YELLOW POINCIANA	
TD	BALD CYPRESS	
MAJOR SHADE TREES		
COMMON NAME		
MB	SOUTHERN MAGNOLIA	
QV	SOUTHERN LIVE OAK	
MEDIUM SHADE TREE		
COMMON NAME		
MS	LITTLE GEM MAGNOLIA	
SMALL SHADE TREE		
COMMON NAME		
CD	PIGEON PLUM	
MC	WAX MYRTLE	
SS	CABBAGE PALMETTO	
SHRUBS		
COMMON NAME		
HF	FIRE BUSH	
IV2	YAUPON HOLLY	
MC2	PINK MUHLY	
PN2	WILD COFFEE	
SR	SAW PALMETTO	
VD	WALTER'S VIBURNUM	

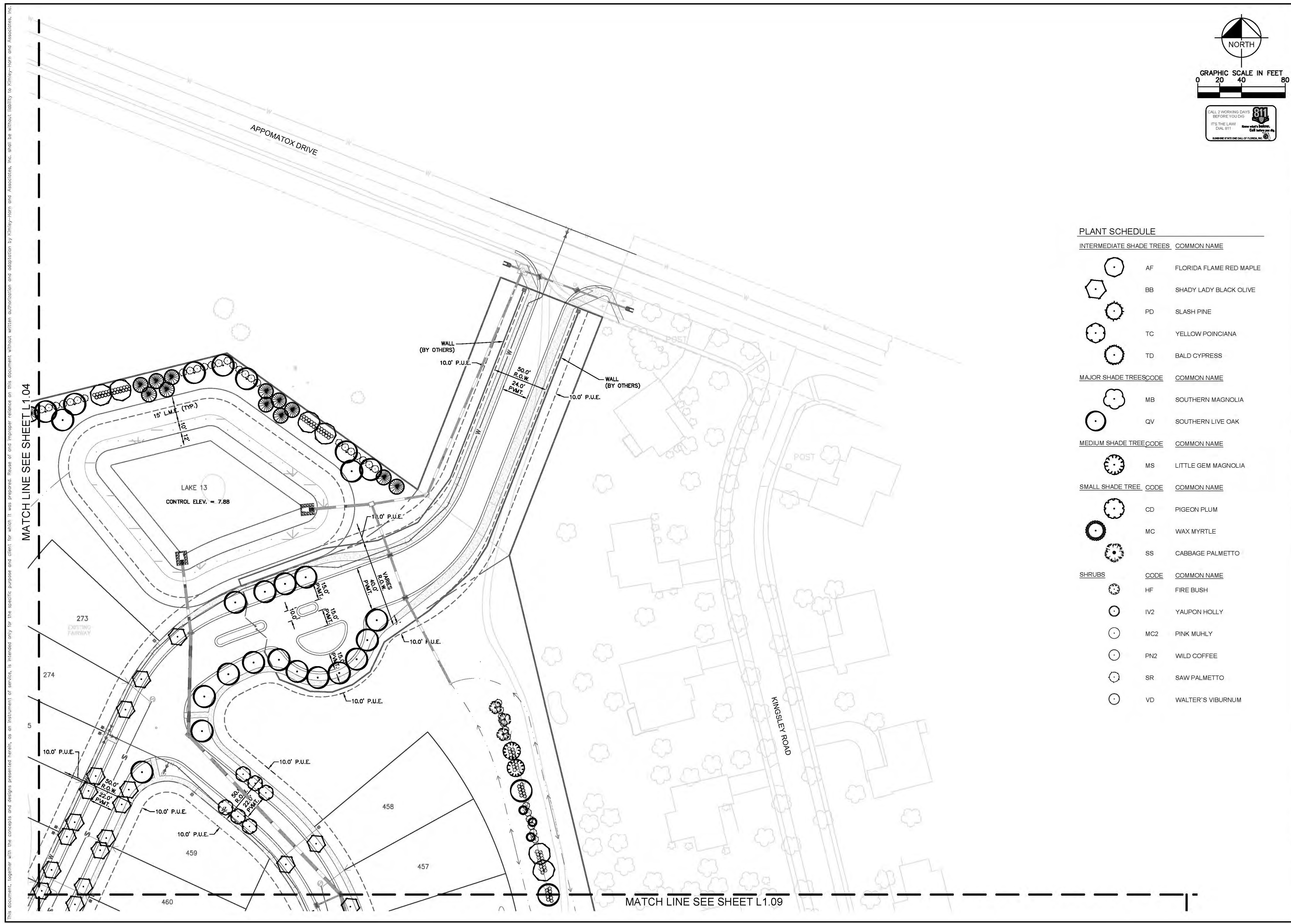


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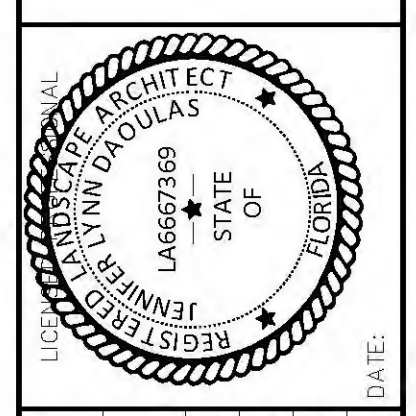
PLANT SCHEDULE

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SMALL SHADE TREE	COMMON NAME
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PN2	WILD COFFEE
SR	SAW PALMETTO
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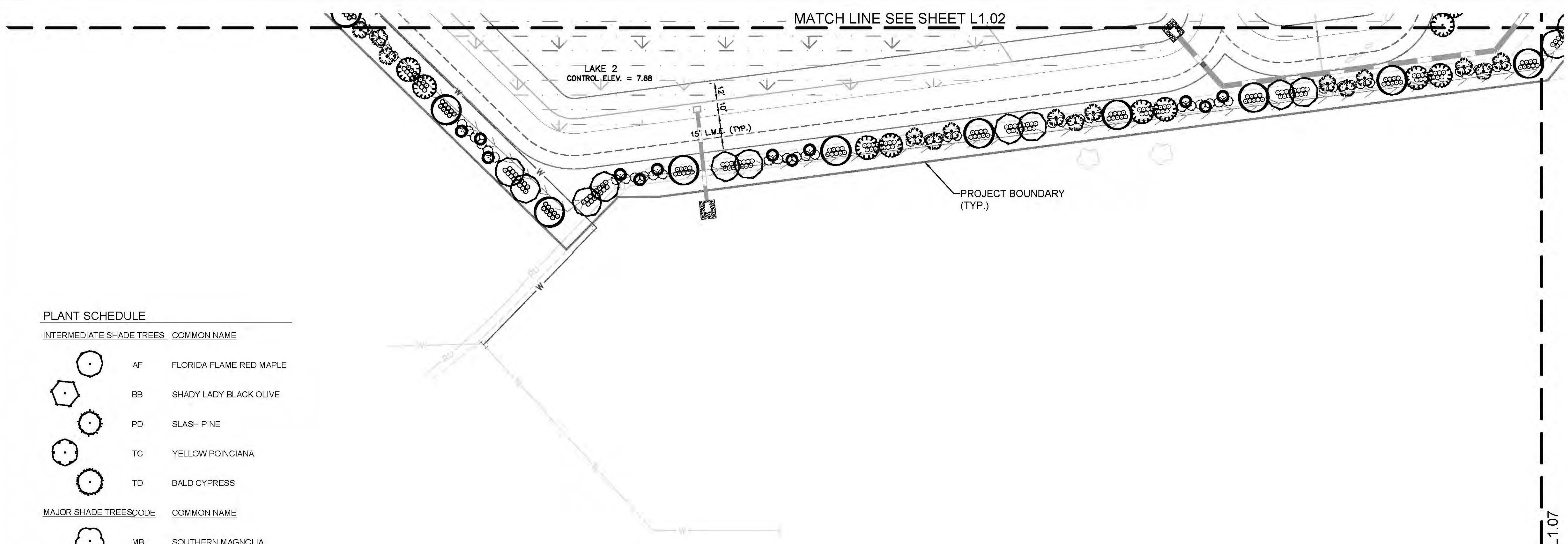
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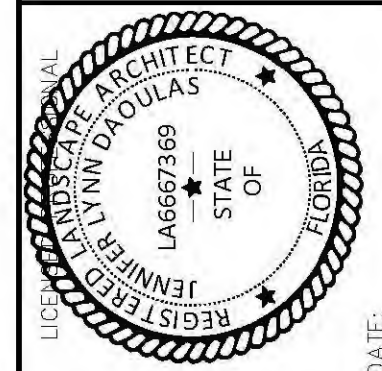
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AF		FLORIDA FLAME RED MAPLE
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TD		BALD CYPRESS
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SMALL SHADE TREE		COMMON NAME
CD		PIGEON PLUM
MC		WAX MYRTLE
SS		CABBAGE PALMETTO
SHRUBS		COMMON NAME
HF		FIRE BUSH
IV2		YAUPON HOLLY
MC2		PINK MUHLY
PN2		WILD COFFEE
SR		SAW PALMETTO
VD		WALTER'S VIBURNUM

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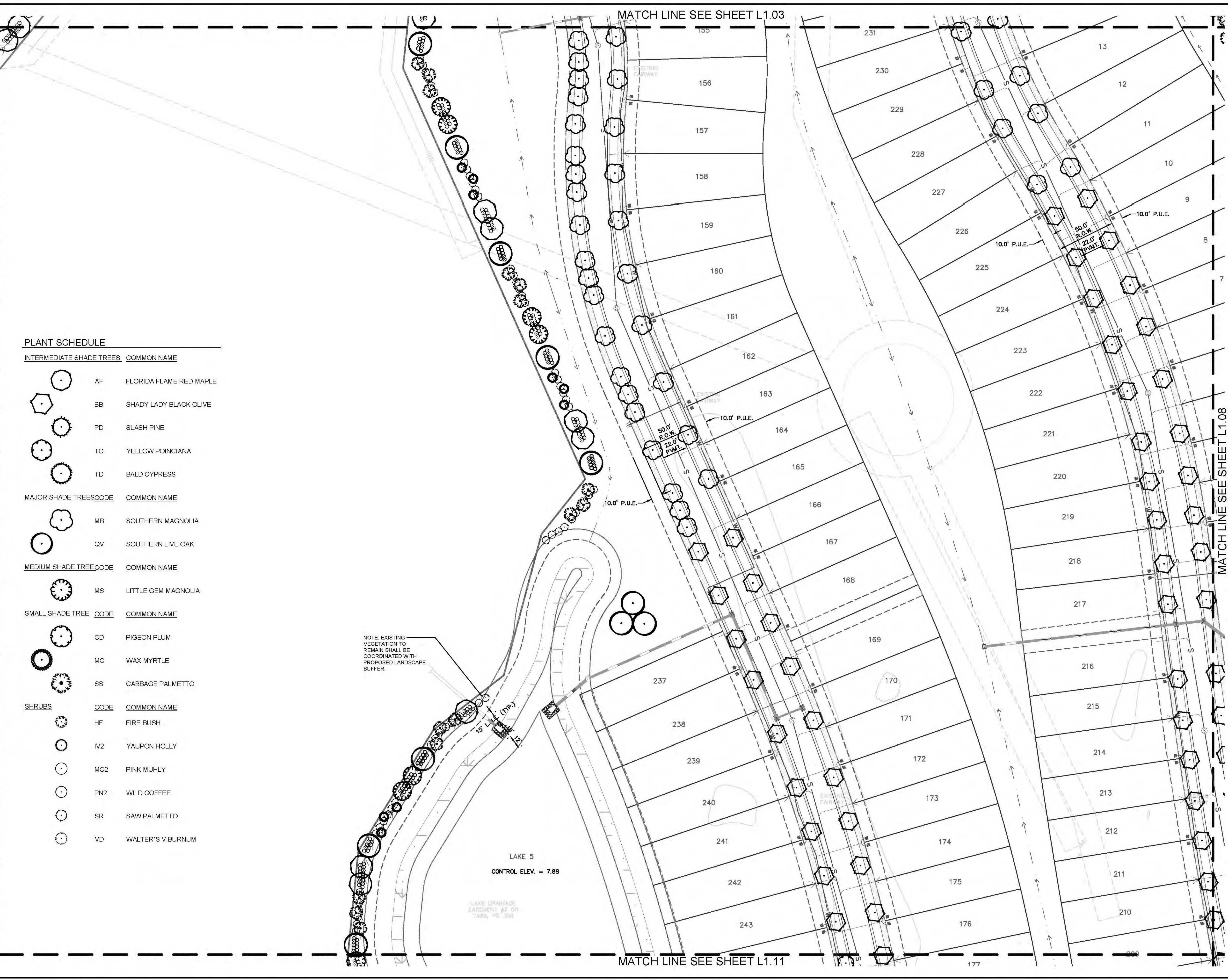
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PLANT SCHEDULE

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PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREES	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
SS	CABBAGE PALMETTO
SHRUBS	COMMON NAME
HF	FIRE BUSH
IV2	YAUPON HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM

NOTE: EXISTING VEGETATION TO REMAIN SHALL BE COORDINATED WITH PROPOSED LANDSCAPE BUFFER.

LAKE 5
CONTROL ELEV. = 7.88

LAKE DRAINAGE CASCADE #2 ON 1" AND 1/4" S&S

MATCH LINE SEE SHEET L1.03

MATCH LINE SEE SHEET L1.11

NORTH

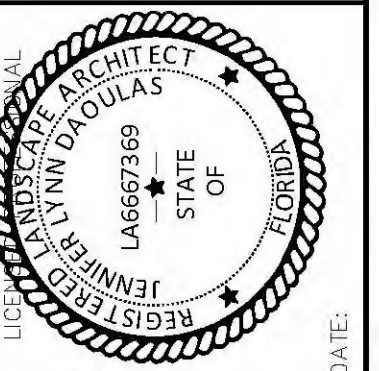
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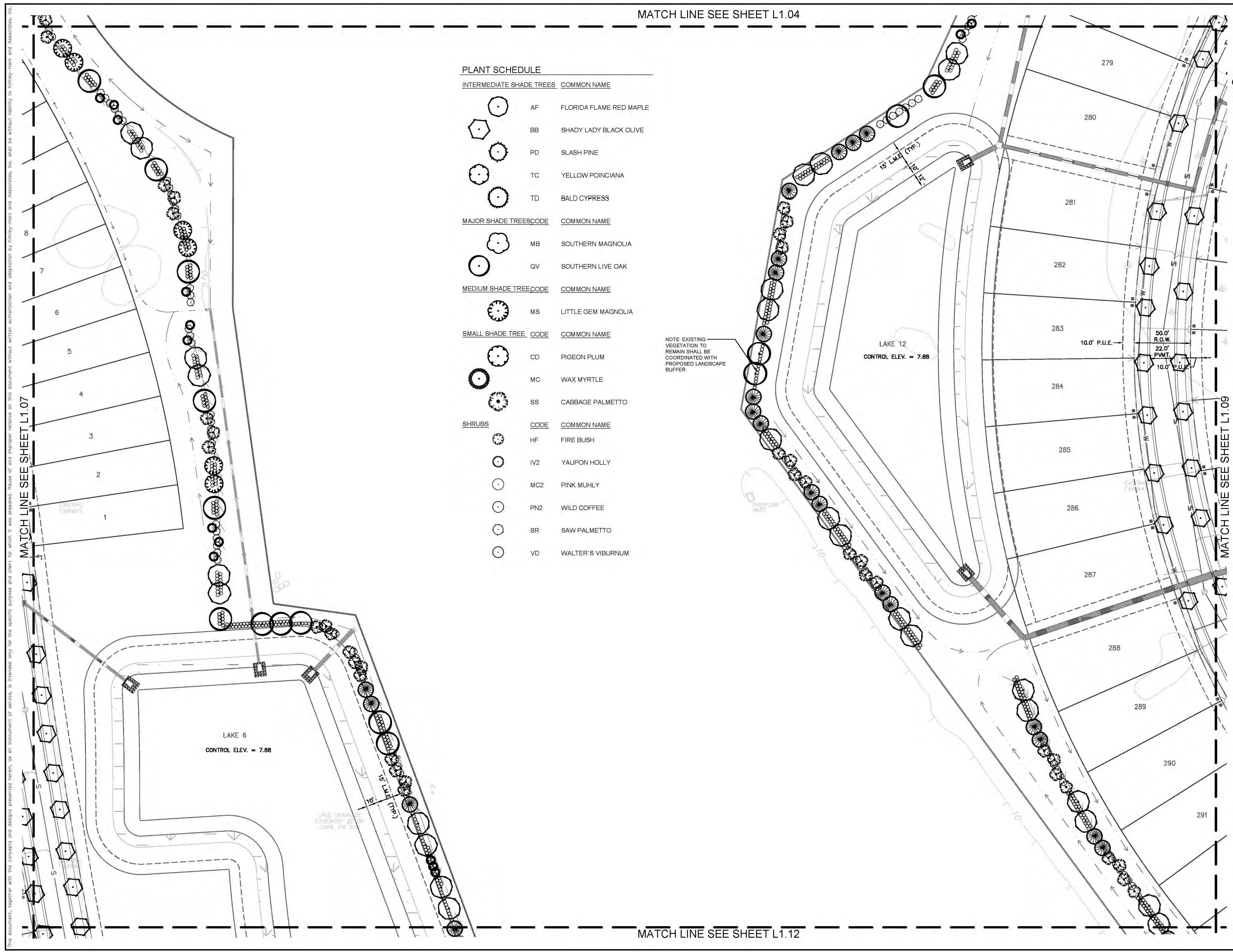
KHA PROJECT 148860000	DATE OCTOBER 2020	DESIGNED BY KHA	CHECKED BY JLD
SCALE AS SHOWN	DRAWN BY KHA/JLD	DATE	

LANDSCAPE PLAN

CENTRAL PARC AT
NORTH PORT
PREPARED FOR
SABAL TRACE
DEVELOPMENT PARTNERS,
NORTH PORT, FLORIDA
LLC

SHEET NUMBER
L1.07

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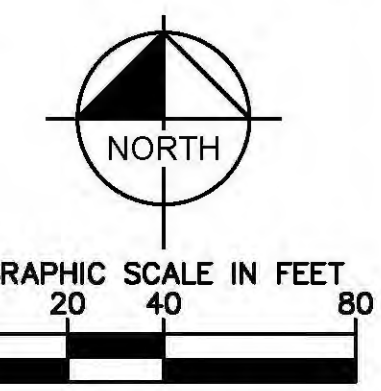
MATCH LINE SEE SHEET L1.04

MATCH LINE SEE SHEET L1.12

PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
AF	FLORIDA FLAME RED MAPLE	
BB	SHADY LADY BLACK OLIVE	
PD	SLASH PINE	
TC	YELLOW POINCIANA	
TD	BALD CYPRESS	
MAJOR SHADE TREES		COMMON NAME
MB	SOUTHERN MAGNOLIA	
QV	SOUTHERN LIVE OAK	
MEDIUM SHADE TREE		COMMON NAME
MS	LITTLE GEM MAGNOLIA	
SMALL SHADE TREE		COMMON NAME
CD	PIGEON PLUM	
MC	WAX MYRTLE	
SS	CABBAGE PALMETTO	
SHRUBS		COMMON NAME
HF	FIRE BUSH	
IV2	YAUPON HOLLY	
MC2	PINK MUHLY	
PN2	WILD COFFEE	
SR	SAW PALMETTO	
VD	WALTER'S VIBURNUM	

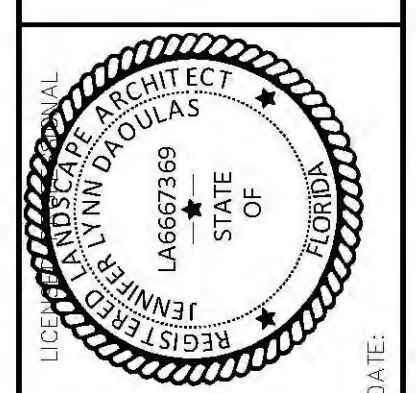
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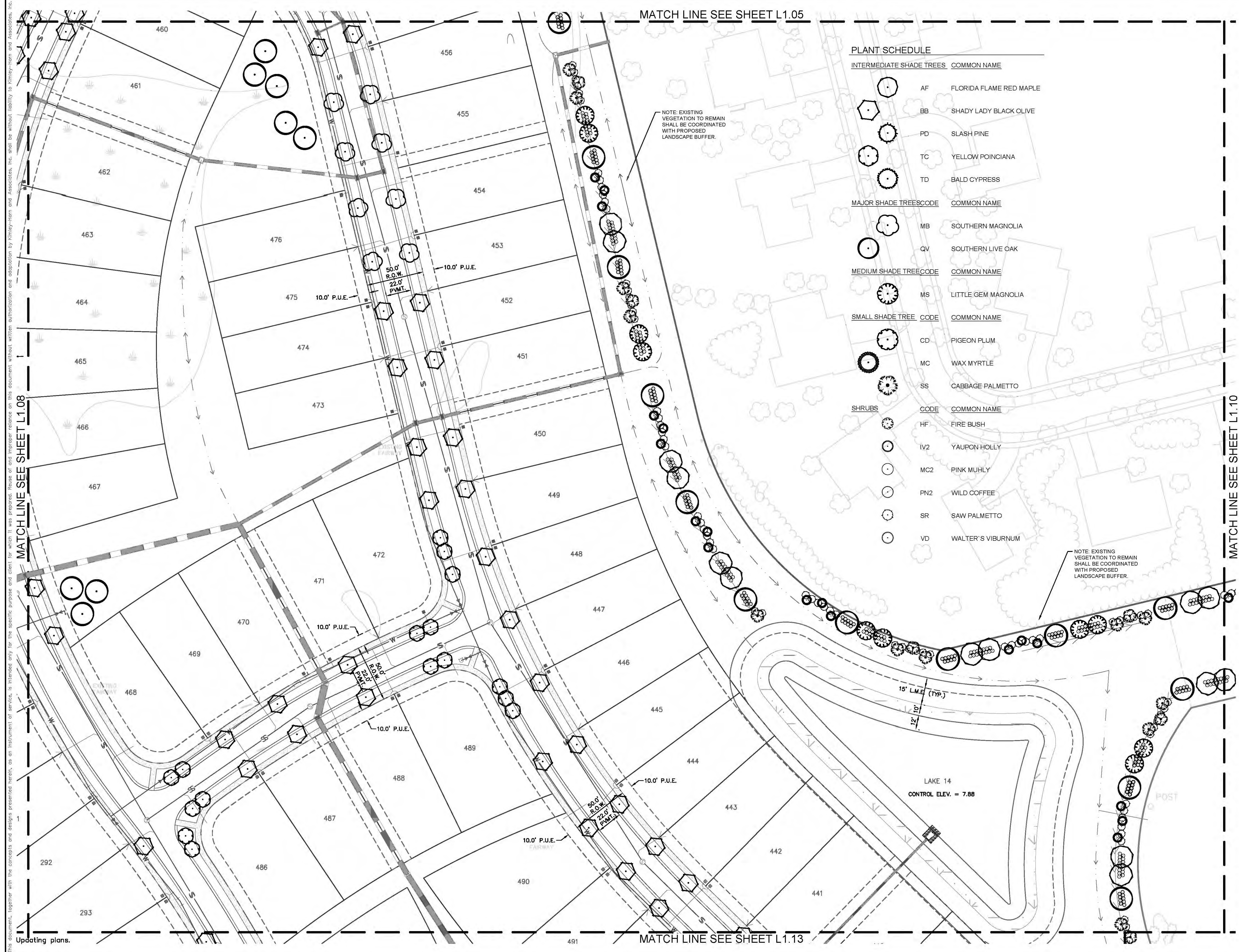


KHA PROJECT 148860000
 DATE OCTOBER 2020
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY KHA/JLD
 CHECKED BY JLD DATE:

LANDSCAPE PLAN

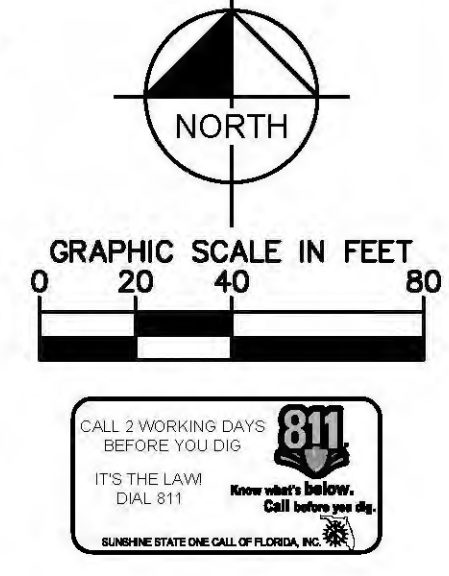
CENTRAL PARC AT
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 PREPARED FOR
 SABAL TRACE
 DEVELOPMENT PARTNERS,
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.08



PLANT SCHEDULE

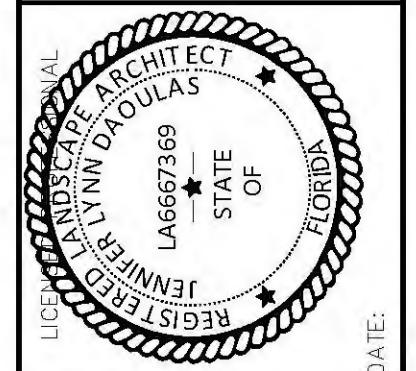
INTERMEDIATE SHADE TREES	COMMON NAME	
AF	FLORIDA FLAME RED MAPLE	
BB	SHADY LADY BLACK OLIVE	
PD	SLASH PINE	
TC	YELLOW POINCIANA	
TD	BALD CYPRESS	
MAJOR SHADE TREE CODE	COMMON NAME	
MB	SOUTHERN MAGNOLIA	
QV	SOUTHERN LIVE OAK	
MEDIUM SHADE TREE CODE	COMMON NAME	
MS	LITTLE GEM MAGNOLIA	
SMALL SHADE TREE	CODE	COMMON NAME
CD	PIGEON PLUM	
MC	WAX MYRTLE	
SS	CABBAGE PALMETTO	
SHRUBS	CODE	COMMON NAME
HF	FIRE BUSH	
IV2	YAUPON HOLLY	
MC2	PINK MUHLY	
PN2	WILD COFFEE	
SR	SAW PALMETTO	
VD	WALTER'S VIBURNUM	



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CHECKED BY	JLD
DATE	

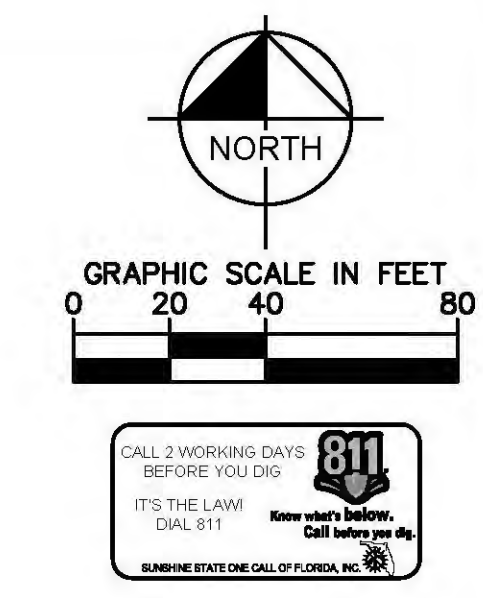
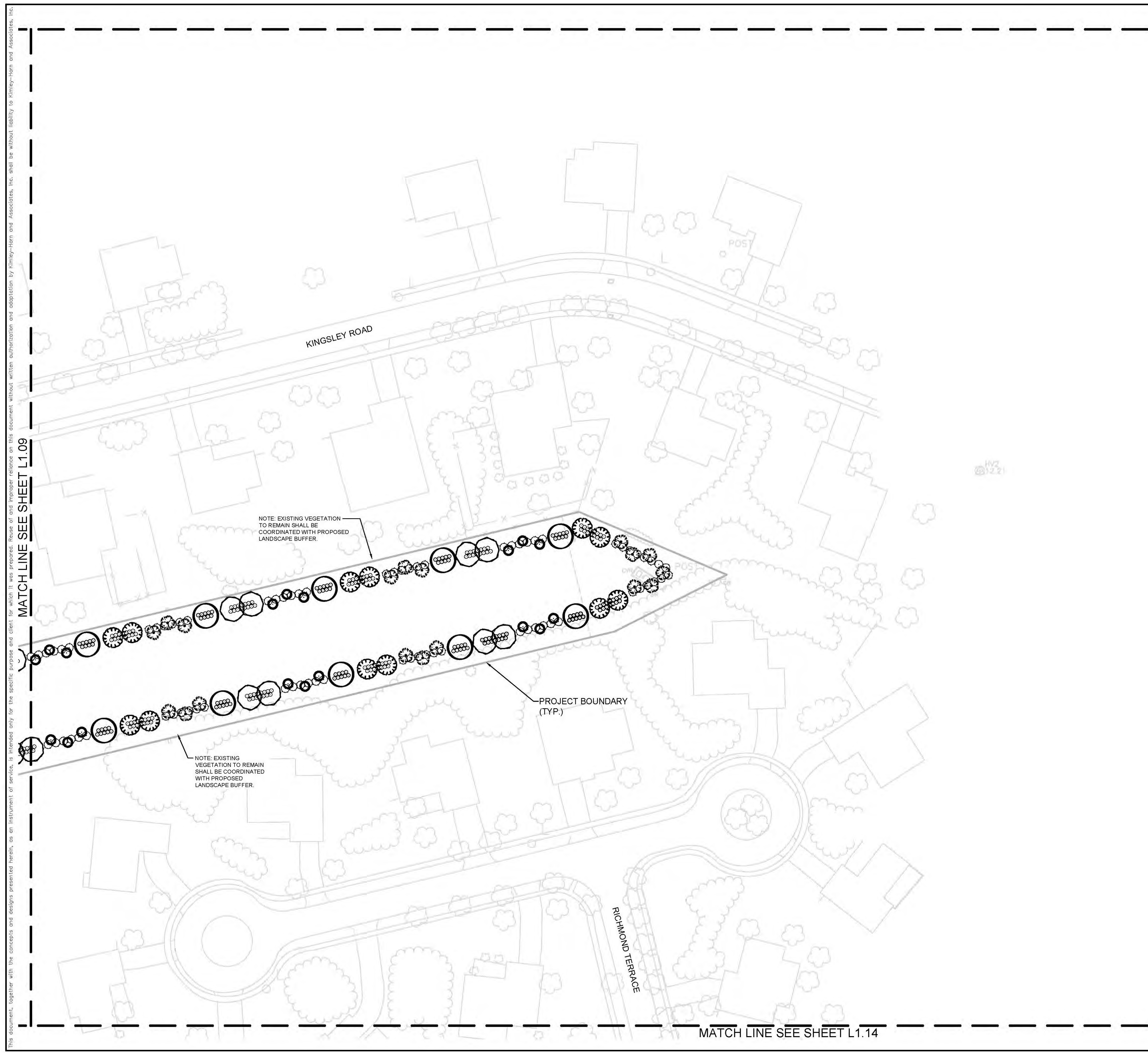
LANDSCAPE PLAN

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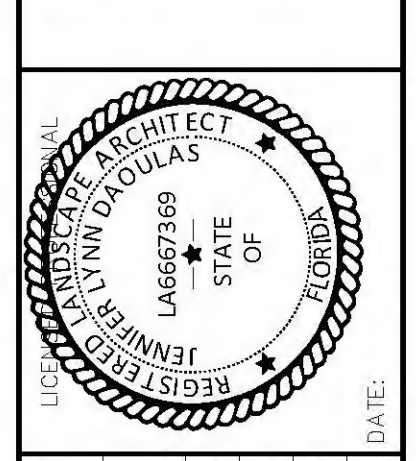


PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME
	AF FLORIDA FLAME RED MAPLE
	BB SHADY LADY BLACK OLIVE
	PD SLASH PINE
	TC YELLOW POINCIANA
	TD BALD CYPRESS
MAJOR SHADE TREES	COMMON NAME
	MB SOUTHERN MAGNOLIA
	QV SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
	MS LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
	CD PIGEON PLUM
	MC WAX MYRTLE
	SS CABBAGE PALMETTO
SHRUBS	COMMON NAME
	HF FIRE BUSH
	IV2 YAUPON HOLLY
	MC2 PINK MUHLY
	PN2 WILD COFFEE
	SR SAW PALMETTO
	VD WALTER'S VIBURNUM

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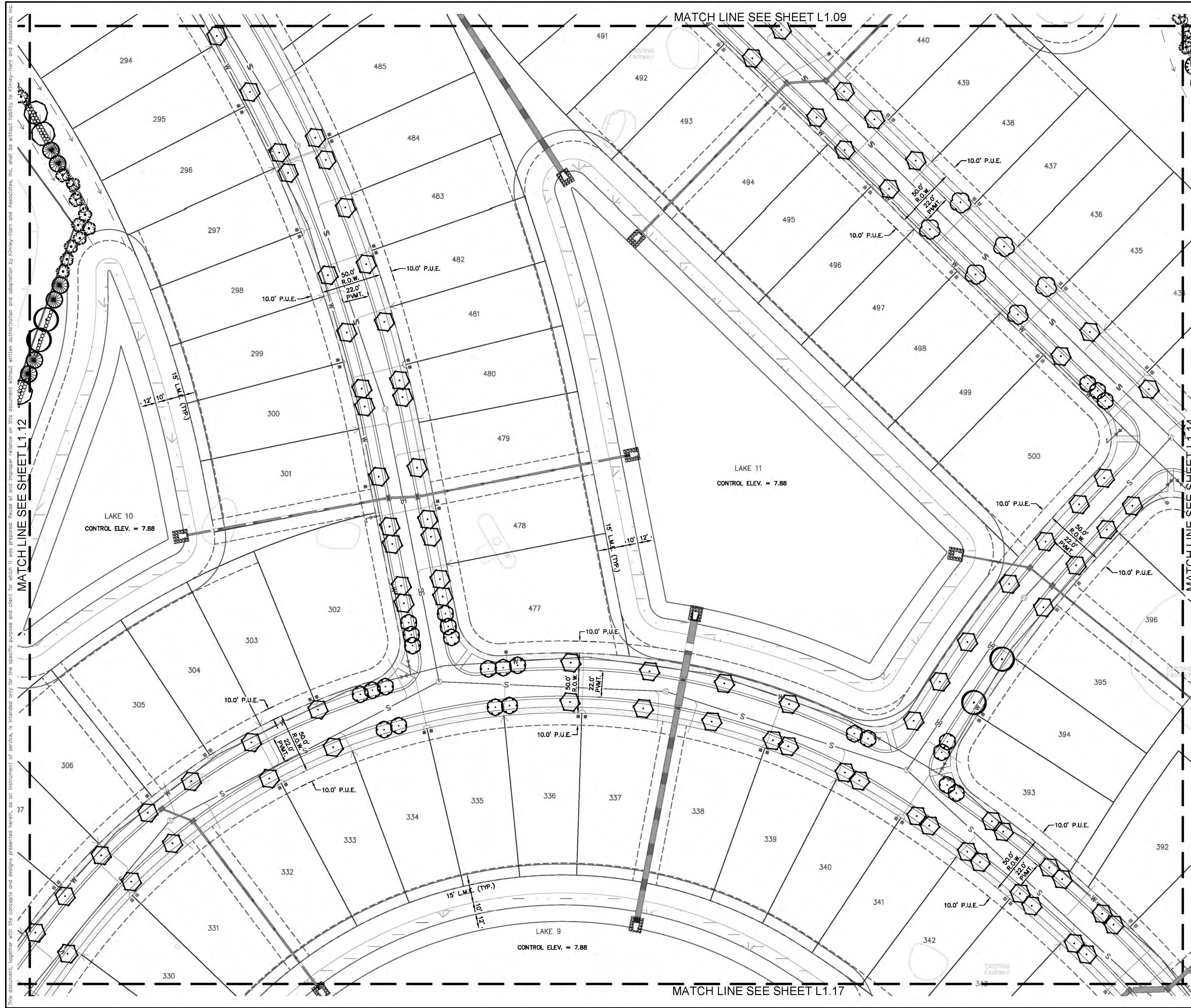
KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	JLD	DATE:
148860000	OCTOBER 2020	AS SHOWN	KHA	KHA/JLD			

LANDSCAPE PLAN

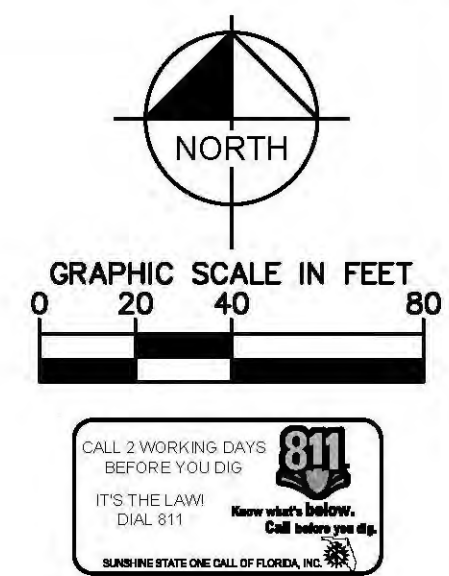
CENTRAL PARC AT NORTH PORT
 PREPARED FOR
SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.10

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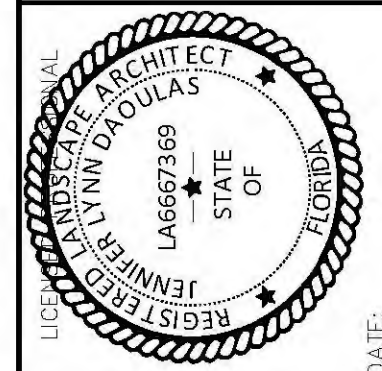


PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME
	AF FLORIDA FLAME RED MAPLE
	BB SHADY LADY BLACK OLIVE
	PD SLASH PINE
	TC YELLOW POINCIANA
	TD BALD CYPRESS
MAJOR SHADE TREES	COMMON NAME
	MB SOUTHERN MAGNOLIA
	QV SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
	MS LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
	CD PIGEON PLUM
	MC WAX MYRTLE
	SS CABBAGE PALMETTO
SHRUBS	COMMON NAME
	HF FIRE BUSH
	IV2 YAUPON HOLLY
	MC2 PINK MUHLY
	PN2 WILD COFFEE
	SR SAW PALMETTO
	VD WALTER'S VIBURNUM

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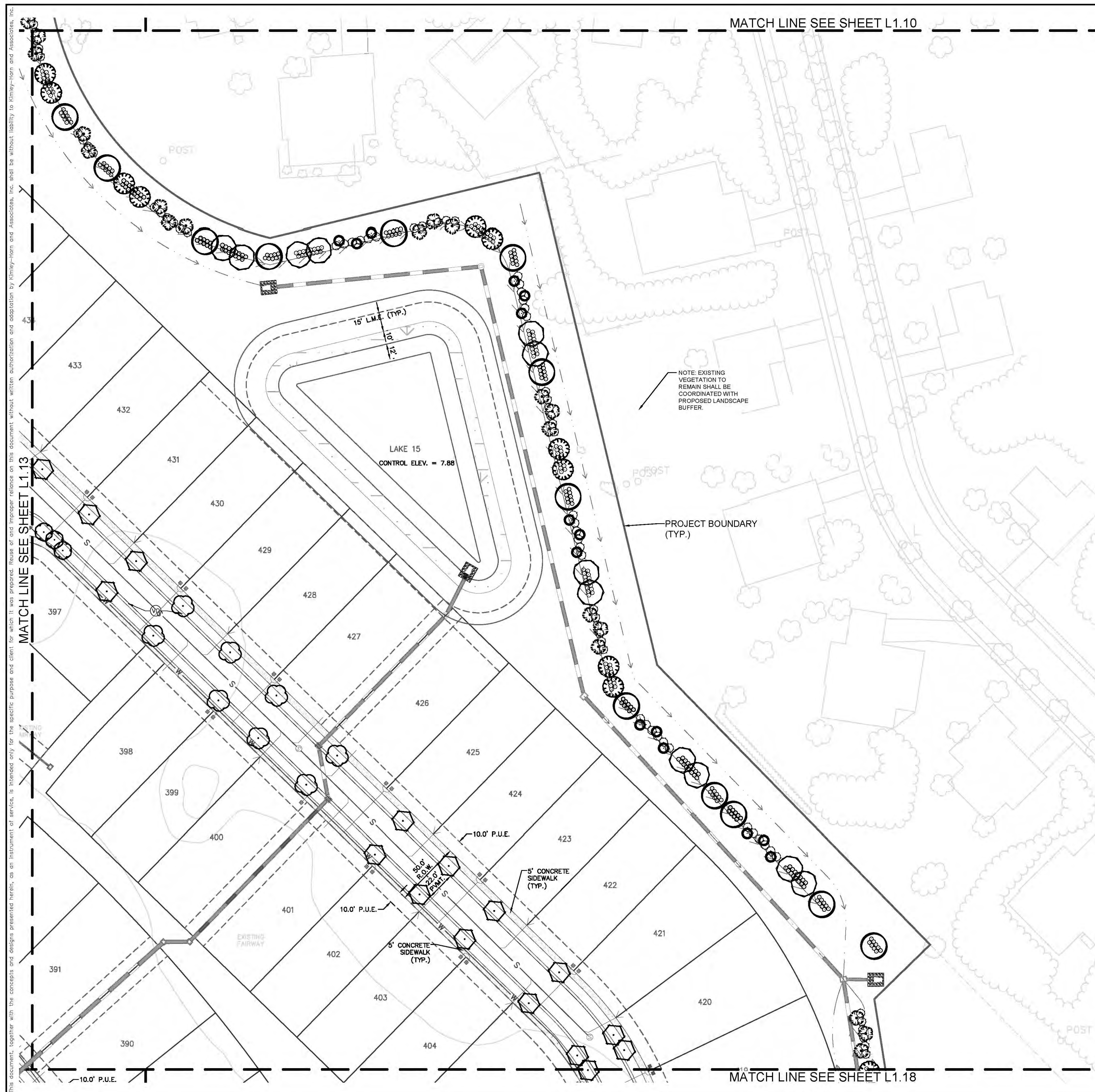


KHA PROJECT	148860000
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SCALE	AS SHOWN
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LANDSCAPE PLAN

CENTRAL PARC AT NORTH PORT
 PREPARED FOR
SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.13

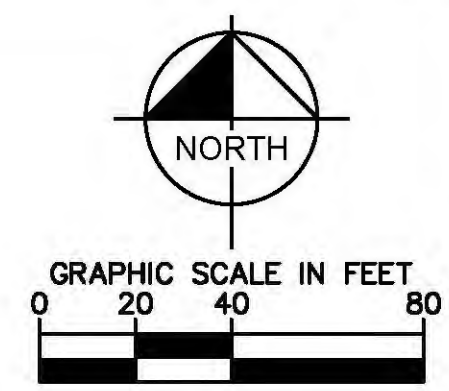


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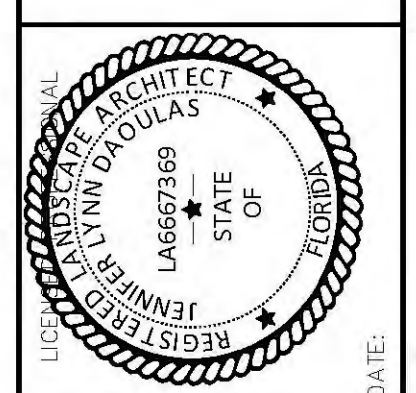


PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME	
AF	FLORIDA FLAME RED MAPLE	
BB	SHADY LADY BLACK OLIVE	
PD	SLASH PINE	
TC	YELLOW POINCIANA	
TD	BALD CYPRESS	
MAJOR SHADE TREE CODE	COMMON NAME	
MB	SOUTHERN MAGNOLIA	
QV	SOUTHERN LIVE OAK	
MEDIUM SHADE TREE CODE	COMMON NAME	
MS	LITTLE GEM MAGNOLIA	
SMALL SHADE TREE	CODE	COMMON NAME
CD	PIGEON PLUM	
MC	WAX MYRTLE	
SS	CABBAGE PALMETTO	
SHRUBS	CODE	COMMON NAME
HF	FIRE BUSH	
IV2	YAUPON HOLLY	
MC2	PINK MUHLY	
PN2	WILD COFFEE	
SR	SAW PALMETTO	
VD	WALTER'S VIBURNUM	

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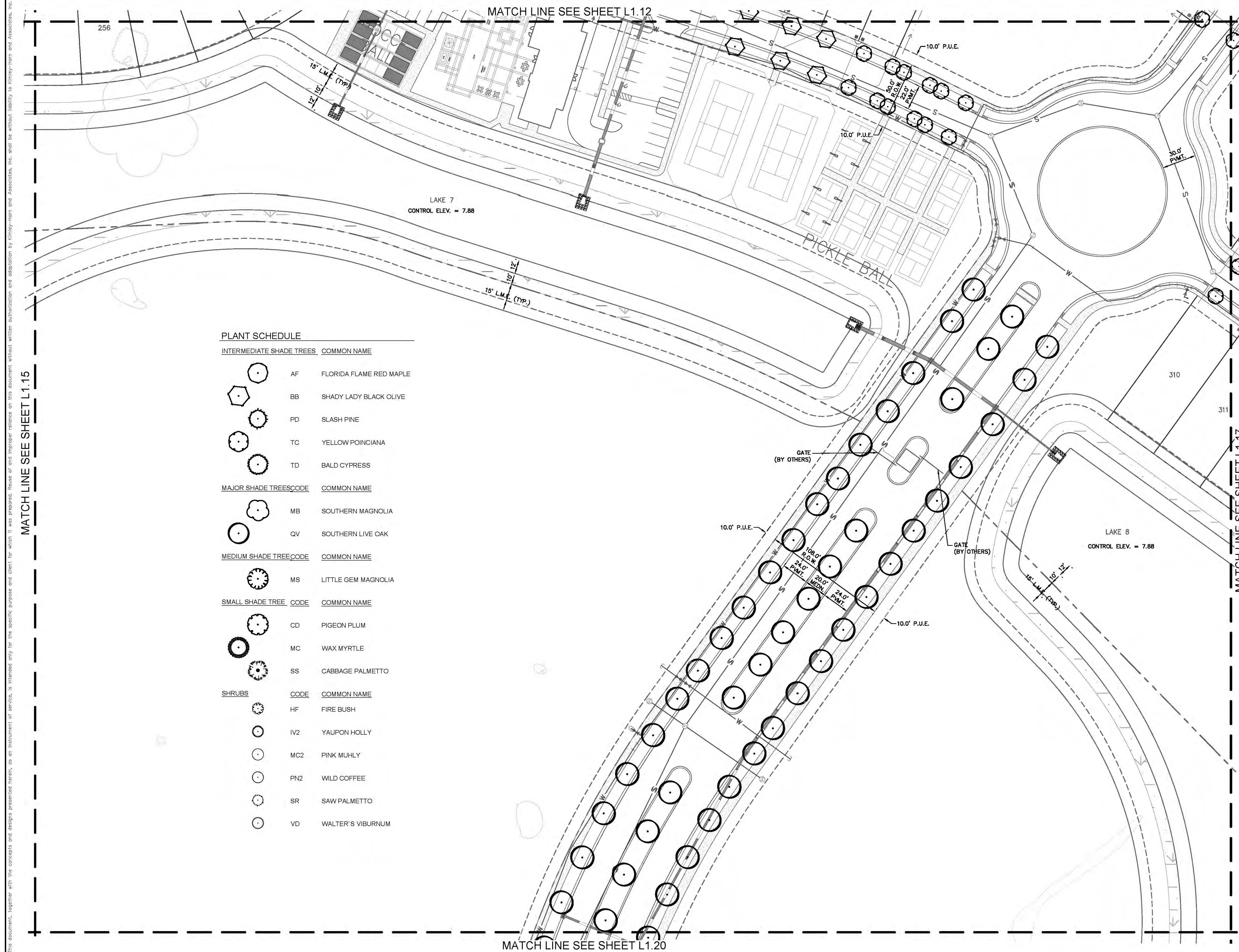
KHA PROJECT 148860000
 DATE OCTOBER 2020
 SCALE AS SHOWN
 DESIGNED BY KHA
 DRAWN BY KHA/JLD
 CHECKED BY JLD DATE:

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CENTRAL PARC AT NORTH PORT
 PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, LLC
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.14

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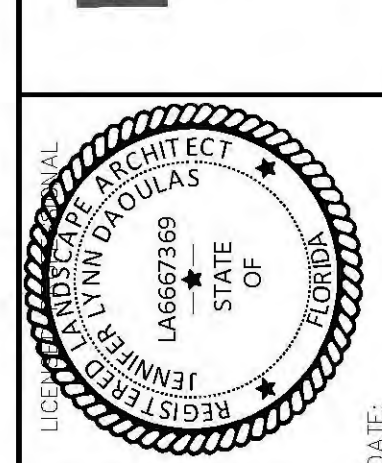
PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME
AF	FLORIDA FLAME RED MAPLE
BB	SHADY LADY BLACK OLIVE
PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREES	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
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SHRUBS	COMMON NAME
HF	FIRE BUSH
IV2	YAUPON HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM

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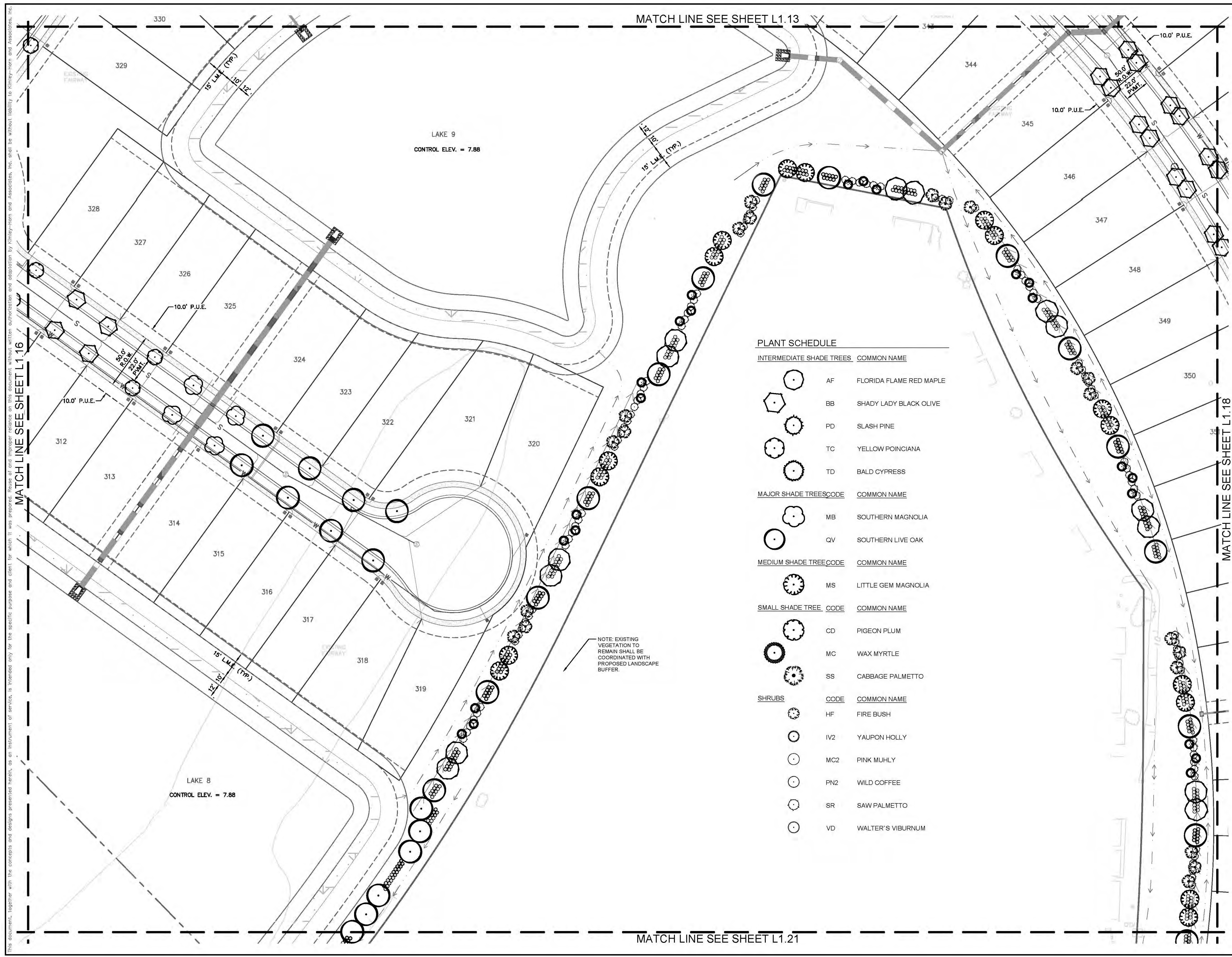
KHA PROJECT	148860000
DATE	OCTOBER 2020
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA/JLD
CHECKED BY	JLD
DATE	

LANDSCAPE PLAN

CENTRAL PARC AT
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PREPARED FOR
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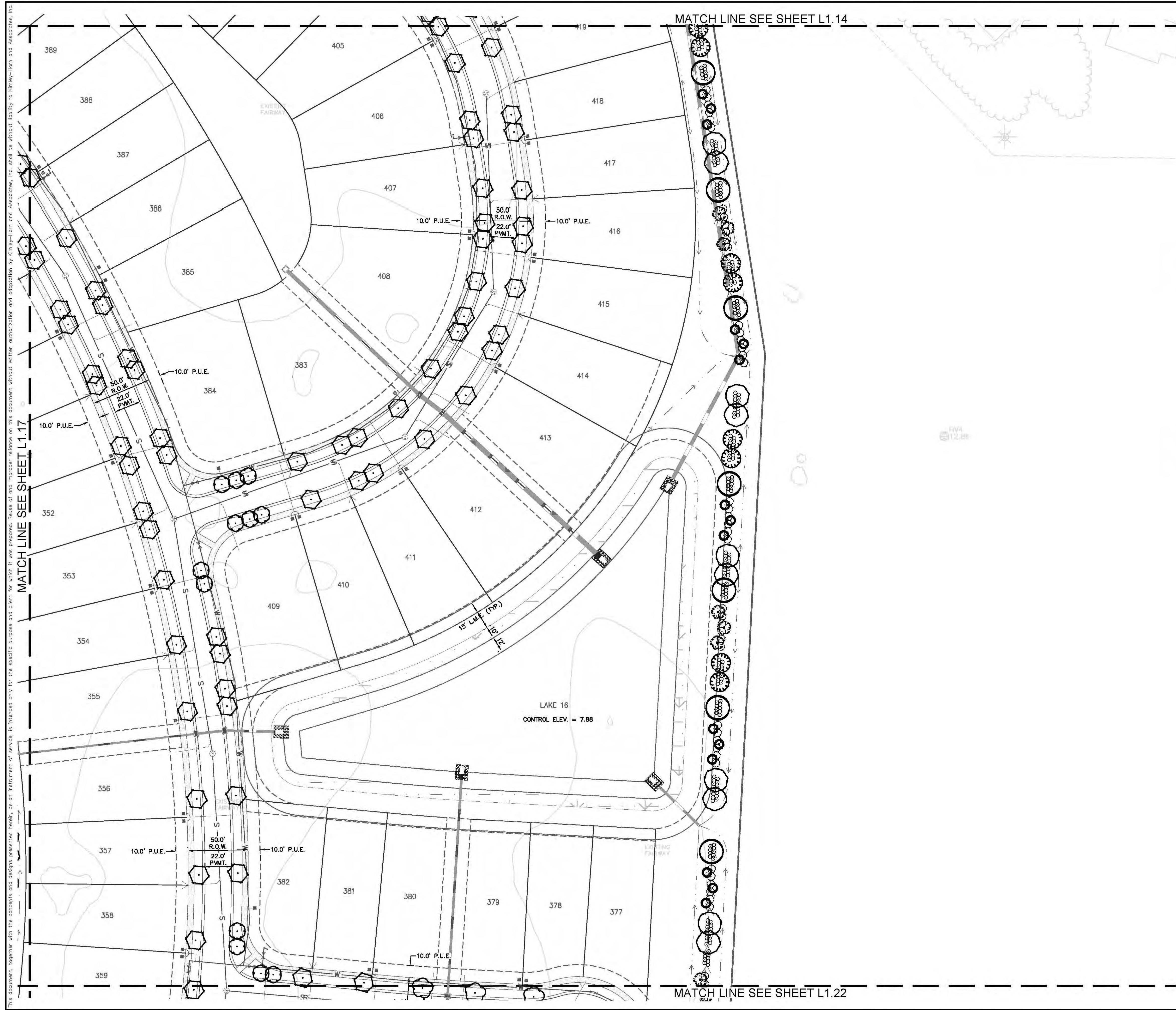
PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME
AF	FLORIDA FLAME RED MAPLE
BB	SHADY LADY BLACK OLIVE
PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREE	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
SS	CABBAGE PALMETTO
SHRUBS	COMMON NAME
HF	FIRE BUSH
IV2	YAUPON HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM

NOTE: EXISTING VEGETATION TO REMAIN SHALL BE COORDINATED WITH PROPOSED LANDSCAPE BUFFER.

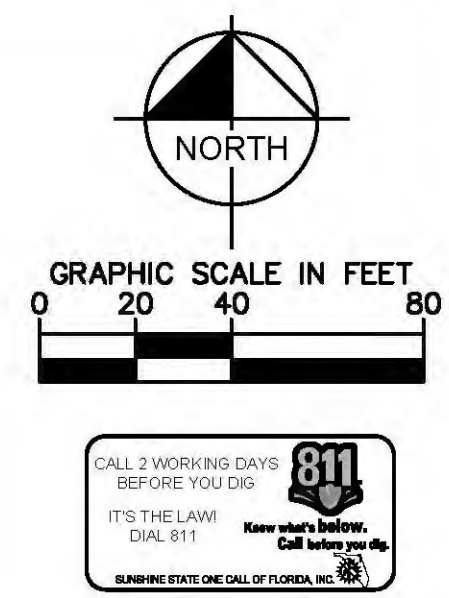
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LANDSCAPE PLAN				
CENTRAL PARC AT NORTH PORT PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, NORTH PORT, FLORIDA				
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PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
	AF	FLORIDA FLAME RED MAPLE
	BB	SHADY LADY BLACK OLIVE
	PD	SLASH PINE
	TC	YELLOW POINCIANA
	TD	BALD CYPRESS
MAJOR SHADE TREES		COMMON NAME
	MB	SOUTHERN MAGNOLIA
	QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE		COMMON NAME
	MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE		COMMON NAME
	CD	PIGEON PLUM
	MC	WAX MYRTLE
	SS	CABBAGE PALMETTO
SHRUBS		COMMON NAME
	HF	FIRE BUSH
	IV2	YAUPON HOLLY
	MC2	PINK MUHLY
	PN2	WILD COFFEE
	SR	SAW PALMETTO
	VD	WALTER'S VIBURNUM

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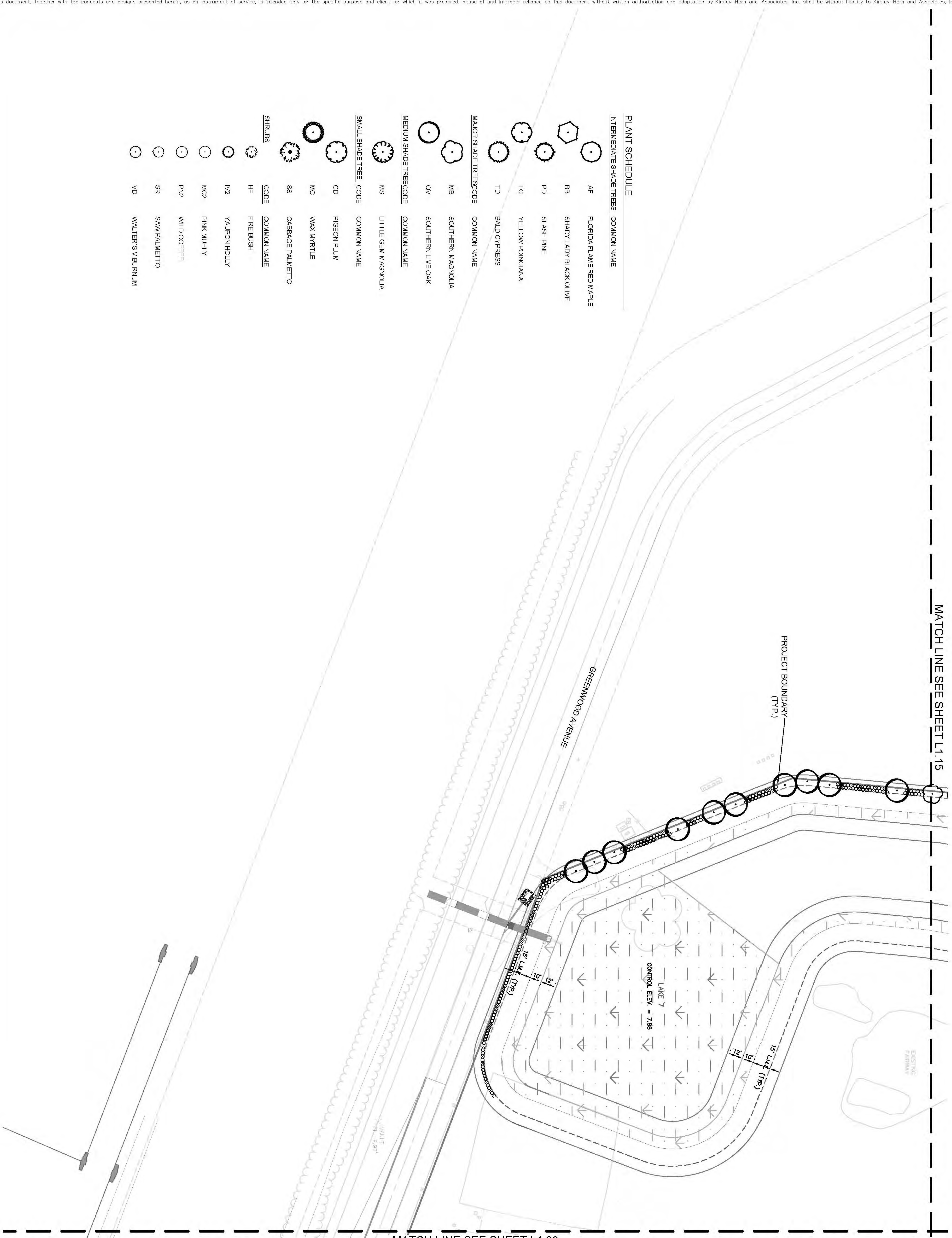
REGISTERED PROFESSIONAL ARCHITECT
 LANDSCAPE ARCHITECT
 LICENSE NO. 148860000
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LANDSCAPE PLAN

CENTRAL PARC AT
 NORTH PORT
 PREPARED FOR
 SABAL TRACE
 DEVELOPMENT PARTNERS,
 NORTH PORT, FLORIDA

SHEET NUMBER
L1.18

PLANT SCHEDULE	
INTERMEDIATE SHADE TREES	COMMON NAME
AF	FLORIDA FLAME RED MAPLE
BB	SHADY LADY BLACK OLIVE
PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREES	
MAJOR SHADE TREE CODE	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE CODE	
MEDIUM SHADE TREE CODE	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE CODE	
SMALL SHADE TREE CODE	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
SS	CABBAGE PALMETTO
SHRUBS	
SHRUBS CODE	COMMON NAME
HF	FIRE BUSH
IV2	YAUPOIN HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM



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MATCH LINE SEE SHEET L1.20

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SHEET NUMBER L1.19	CENTRAL PARC AT NORTH PORT PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, NORTH PORT, FLORIDA	LANDSCAPE PLAN	KHA PROJECT 148860000	LICENSED PROFESSIONAL LANDSCAPE ARCHITECT JENNIFER LYNN DOUGLAS LA6667369 STATE OF FLORIDA	Kimley»Horn © 2020 KIMLEY-HORN AND ASSOCIATES, INC. 100 SECOND AVENUE SOUTH, SUITE 3005 ST. PETERSBURG, FL 33701 PHONE: 727-547-3999 WWW.KIMLEY-HORN.COM CA 00000896	No.	REVISIONS	DATE	BY
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LANDSCAPE ARCHITECTS

PLANT SCHEDULE	
INTERMEDIATE SHADE TREES	
COMMON NAME	COMMON NAME
AF	FLORIDA FLAME RED MAPLE
BB	SHADY LADY BLACK OLIVE
PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREES	
COMMON NAME	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE	
COMMON NAME	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE	
COMMON NAME	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
SS	CABBAGE PALMETTO
SHRUBS	
COMMON NAME	COMMON NAME
HF	FIRE BUSH
IV2	YAUPON HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM

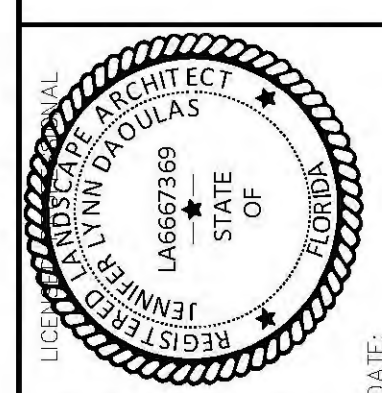


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KHA PROJECT	148860000	DATE	OCTOBER 2020	SCALE	AS SHOWN	DESIGNED BY	KHA	DRAWN BY	KHA/JLD	CHECKED BY	JLD	DATE:	
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LANDSCAPE PLAN

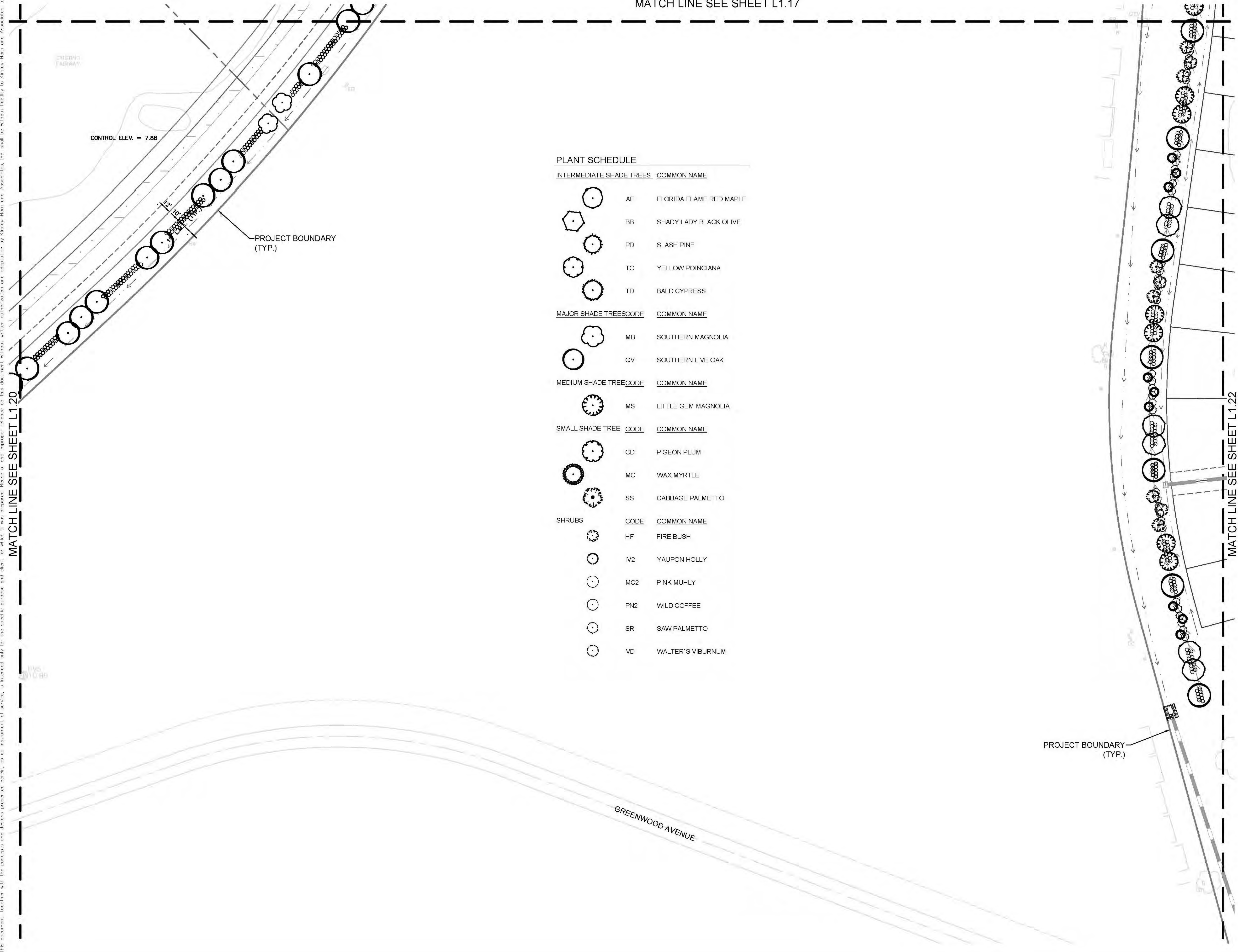
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PREPARED FOR
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DEVELOPMENT PARTNERS,
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LLC

SHEET NUMBER
L1.20

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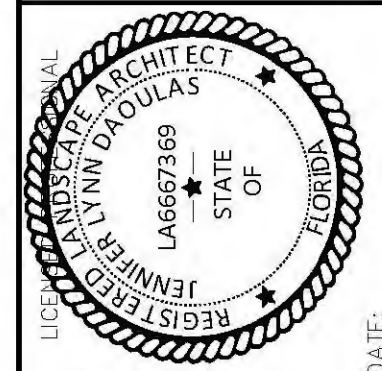
PLANT SCHEDULE

INTERMEDIATE SHADE TREES		COMMON NAME
	AF	FLORIDA FLAME RED MAPLE
	BB	SHADY LADY BLACK OLIVE
	PD	SLASH PINE
	TC	YELLOW POINCIANA
	TD	BALD CYPRESS
MAJOR SHADE TREES		COMMON NAME
	MB	SOUTHERN MAGNOLIA
	QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE		COMMON NAME
	MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE		COMMON NAME
	CD	PIGEON PLUM
	MC	WAX MYRTLE
	SS	CABBAGE PALMETTO
SHRUBS		COMMON NAME
	HF	FIRE BUSH
	IV2	YAUPON HOLLY
	MC2	PINK MUHLY
	PN2	WILD COFFEE
	SR	SAW PALMETTO
	VD	WALTER'S VIBURNUM

NO.	REVISIONS	DATE	BY

Kimley»Horn

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KHA PROJECT 148860000	DATE OCTOBER 2020	DESIGNED BY KHA	CHECKED BY JLD
SCALE AS SHOWN	DRAWN BY KHA/JLD	DATE:	

LANDSCAPE PLAN

CENTRAL PARC AT
NORTH PORT
PREPARED FOR
SABAL TRACE
DEVELOPMENT PARTNERS,
NORTH PORT, FLORIDA
LLC

SHEET NUMBER
L1.21

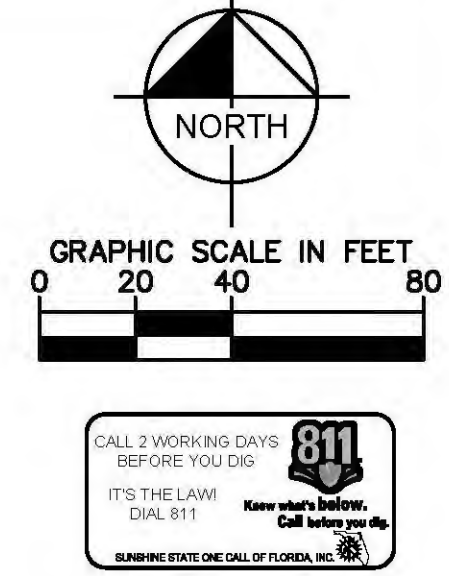
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MATCH LINE SEE SHEET L1.21

MATCH LINE SEE SHEET L1.18



NOTE: EXISTING VEGETATION TO REMAIN SHALL BE COORDINATED WITH PROPOSED LANDSCAPE BUFFER.

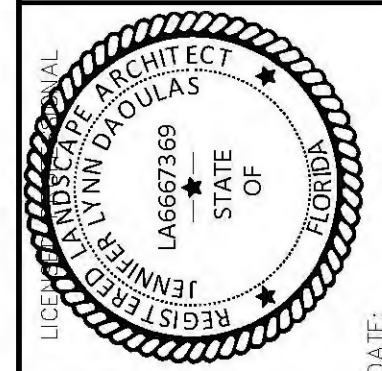


PLANT SCHEDULE

INTERMEDIATE SHADE TREES	COMMON NAME
AF	FLORIDA FLAME RED MAPLE
BB	SHADY LADY BLACK OLIVE
PD	SLASH PINE
TC	YELLOW POINCIANA
TD	BALD CYPRESS
MAJOR SHADE TREES	COMMON NAME
MB	SOUTHERN MAGNOLIA
QV	SOUTHERN LIVE OAK
MEDIUM SHADE TREE	COMMON NAME
MS	LITTLE GEM MAGNOLIA
SMALL SHADE TREE	COMMON NAME
CD	PIGEON PLUM
MC	WAX MYRTLE
SS	CABBAGE PALMETTO
SHRUBS	COMMON NAME
HF	FIRE BUSH
IV2	YAUPON HOLLY
MC2	PINK MUHLY
PN2	WILD COFFEE
SR	SAW PALMETTO
VD	WALTER'S VIBURNUM

NO.	REVISIONS	DATE	BY

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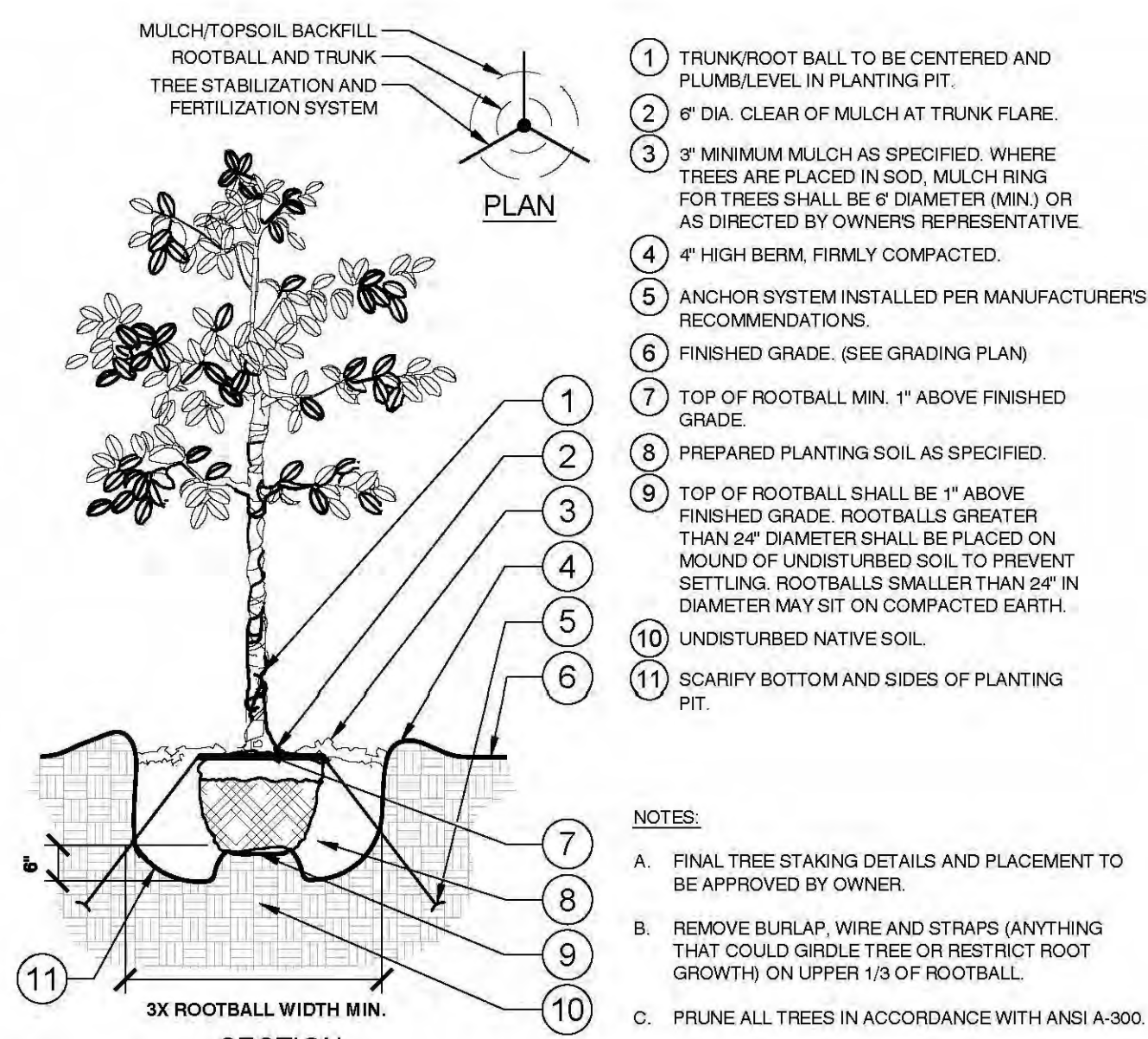
KHA PROJECT	148860000	DATE	OCTOBER 2020	SCALE	AS SHOWN	DESIGNED BY	KHA	DRAWN BY	KHA/JLD	CHECKED BY	JLD	DATE:
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LANDSCAPE PLAN

CENTRAL PARC AT
 NORTH PORT
 PREPARED FOR
 SABAL TRACE
 DEVELOPMENT PARTNERS,
 NORTH PORT, FLORIDA

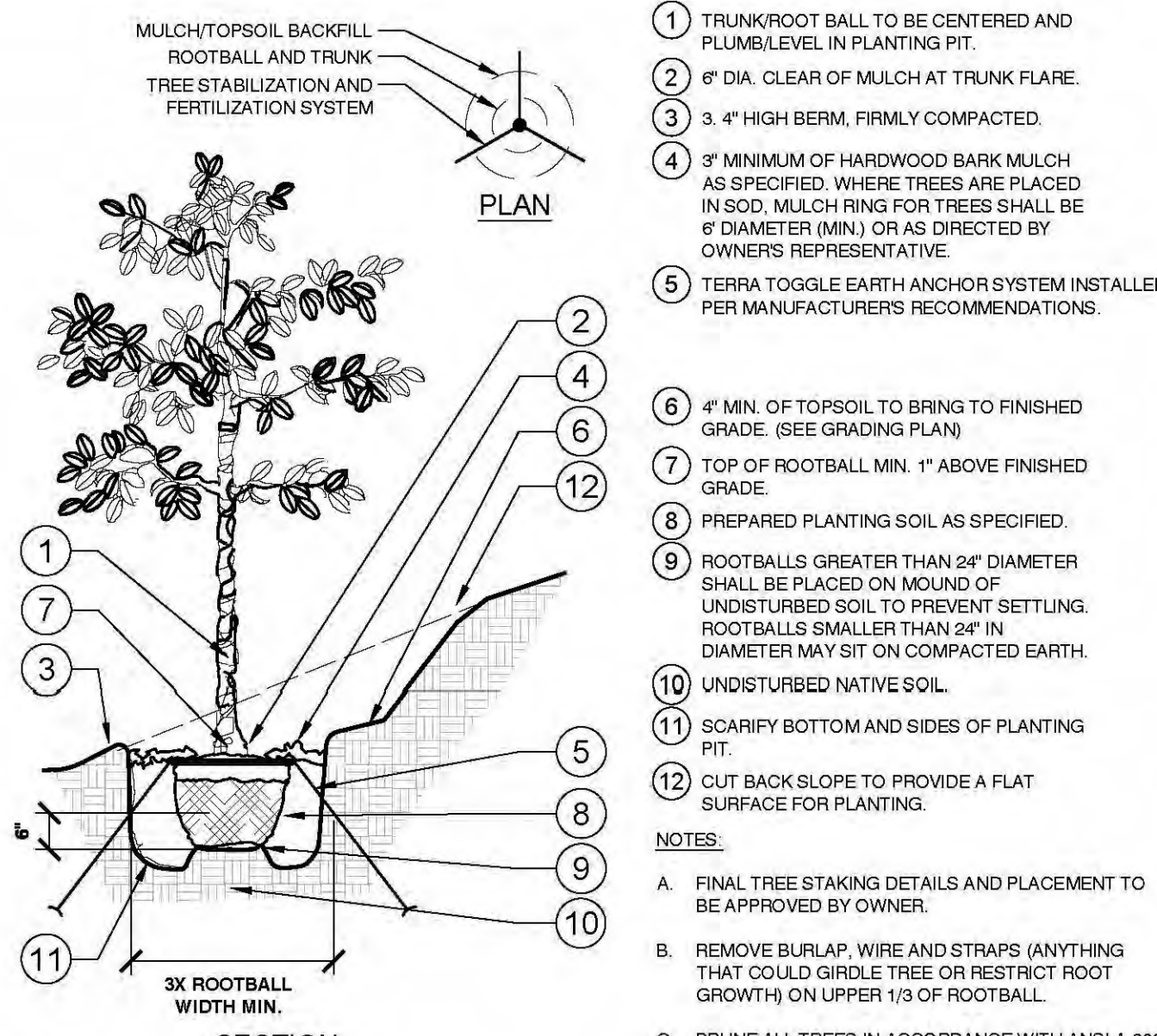
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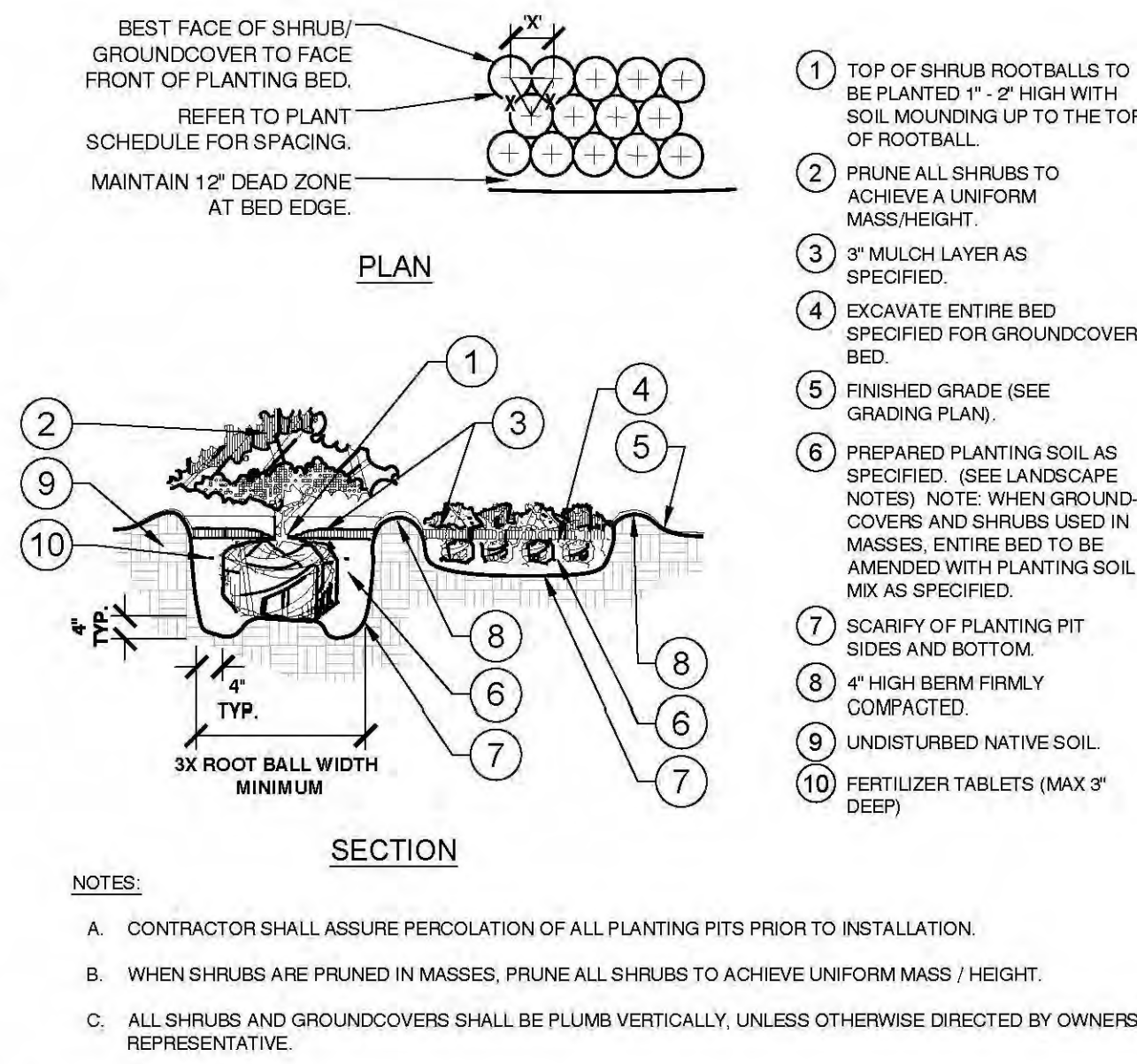
- 1 TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
 - 2 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
 - 3 3" MINIMUM MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6" DIAMETER (MIN.) OR AS DIRECTED BY OWNERS REPRESENTATIVE.
 - 4 4" HIGH BERM, FIRMLY COMPACTED.
 - 5 ANCHOR SYSTEM INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
 - 6 FINISHED GRADE. (SEE GRADING PLAN)
 - 7 TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
 - 8 PREPARED PLANTING SOIL AS SPECIFIED.
 - 9 TOP OF ROOTBALL SHALL BE 1" ABOVE FINISHED GRADE. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
 - 10 UNDISTURBED NATIVE SOIL.
 - 11 SCARIFY BOTTOM AND SIDES OF PLANTING PIT.
- NOTES:
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLING TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.
 - C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

1 TREE PLANTING
SECTION / PLAN



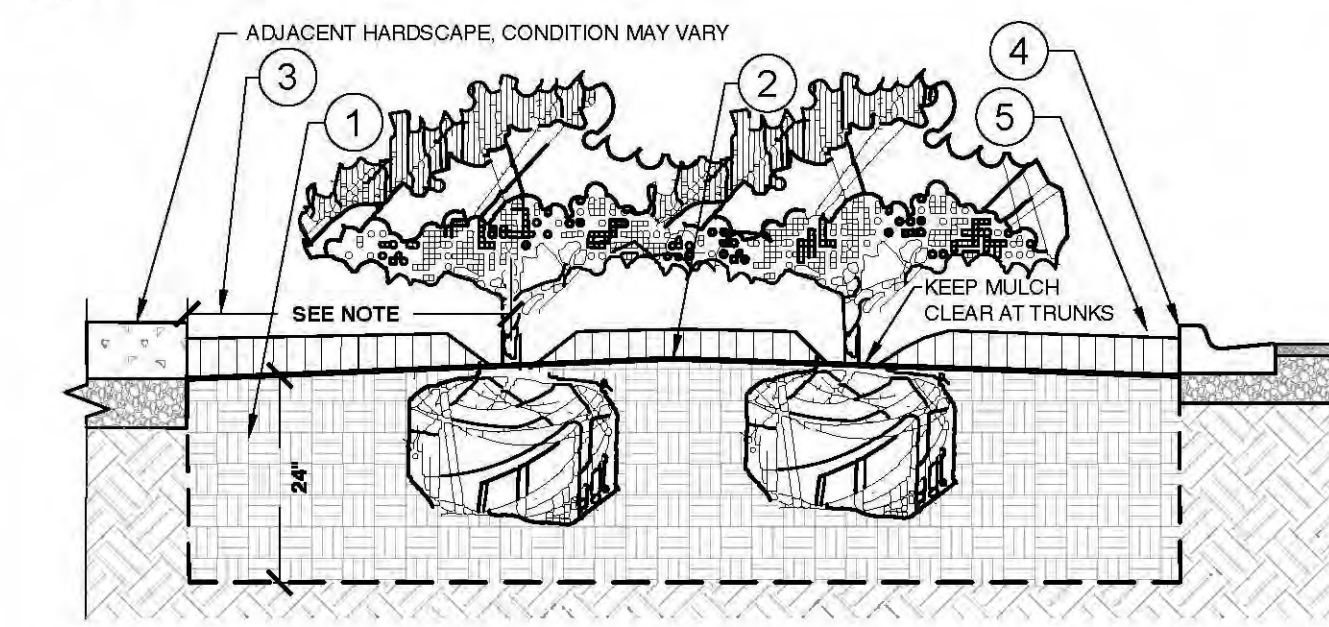
- 1 TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT.
 - 2 6" DIA. CLEAR OF MULCH AT TRUNK FLARE.
 - 3 3" 4" HIGH BERM, FIRMLY COMPACTED.
 - 4 3" MINIMUM OF HARDWOOD BARK MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES SHALL BE 6" DIAMETER (MIN.) OR AS DIRECTED BY OWNERS REPRESENTATIVE.
 - 5 TERRO TOGGLE EARTH ANCHOR SYSTEM INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
 - 6 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE. (SEE GRADING PLAN)
 - 7 TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE.
 - 8 PREPARED PLANTING SOIL AS SPECIFIED.
 - 9 ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH.
 - 10 UNDISTURBED NATIVE SOIL.
 - 11 SCARIFY BOTTOM AND SIDES OF PLANTING PIT.
 - 12 CUT BACK SLOPE TO PROVIDE A FLAT SURFACE FOR PLANTING.
- NOTES:
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLING TREE OR RESTRICT ROOT GROWTH) ON UPPER 1/3 OF ROOTBALL.
 - C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI A-300.

2 TREE PLANTING ON A SLOPE
SECTION / PLAN



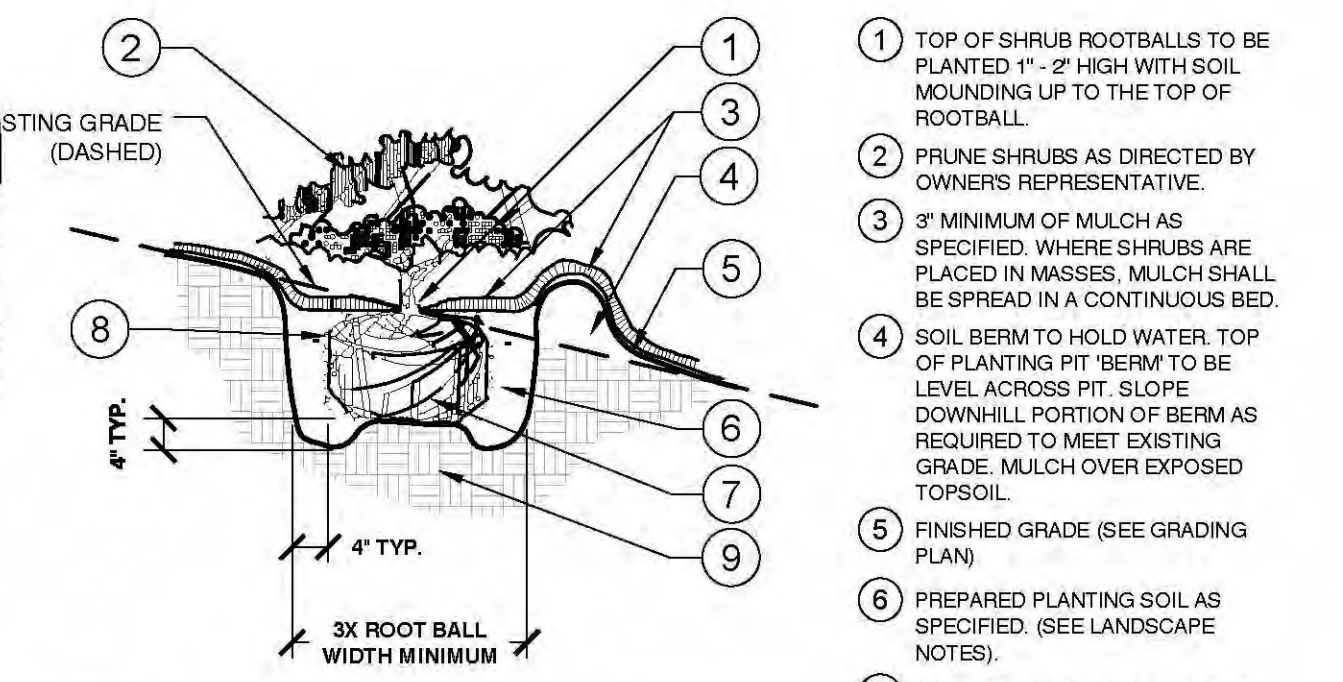
- 1 TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
 - 2 PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
 - 3 3" MULCH LAYER AS SPECIFIED.
 - 4 EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
 - 5 FINISHED GRADE. (SEE GRADING PLAN).
 - 6 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
 - 7 SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
 - 8 4" HIGH BERM FIRMLY COMPACTED.
 - 9 UNDISTURBED NATIVE SOIL.
 - 10 FERTILIZER TABLETS (MAX 3" DEEP)
- NOTES:
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
 - B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.
 - C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

3 SHRUB/GROUNDCOVER PLANTING
SECTION / PLAN



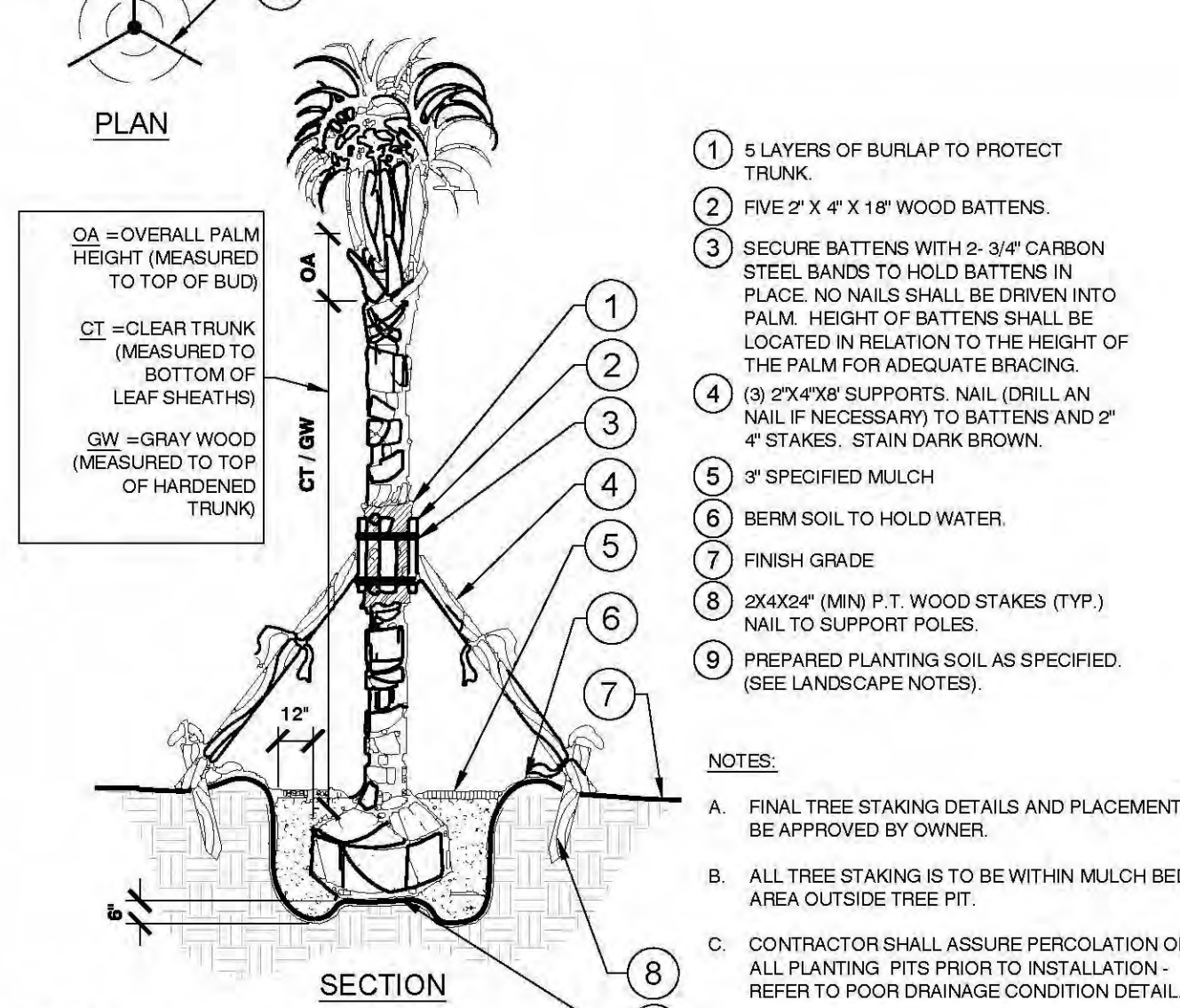
- 1 2" DEEP APPROVED PLANTING MIX. SEE NOTES A-C.
 - 2 ALL ISLANDS AND LANDSCAPE AREAS SHALL BE FINE GRADED AND SLOPED TO DRAIN. REFER TO GRADING PLANS.
 - 3 CLEAR ZONE: 36" MIN. FROM BACK OF CURB / HARDSCAPE AREA TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH, GROUNDCOVER, OR TURF. SEE LANDSCAPE PLANS.
 - 4 2" MAX VERTICAL CLEARANCE, TOP OF CURB / HARDSCAPE TO TOP OF MULCH.
 - 5 3" MIN MULCH AS SPECIFIED. REFER TO GENERAL LANDSCAPE NOTES.
- NOTES:
- A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB / HARDSCAPE) FOR ENTIRE LENGTH AND WIDTH OF ISLAND / PLANTER AND BACKFILL WITH APPROVED PLANTING MIX. SEE GENERAL LANDSCAPE NOTES.
 - B. PROTECT AND RETAIN ALL BASE MATERIAL, AND COMPACTED SUBGRADE BELOW CURBS AND HARDSCAPE FOR STRUCTURAL SUPPORT OF CURB / HARDSCAPE (TYP).
 - C. ALL ISLANDS / PLANTERS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING PLANTING PITS TO ENSURE ADEQUATE DRAINAGE.

4 PLANTED PARKING LOT ISLANDS/MEDIANS
SECTION



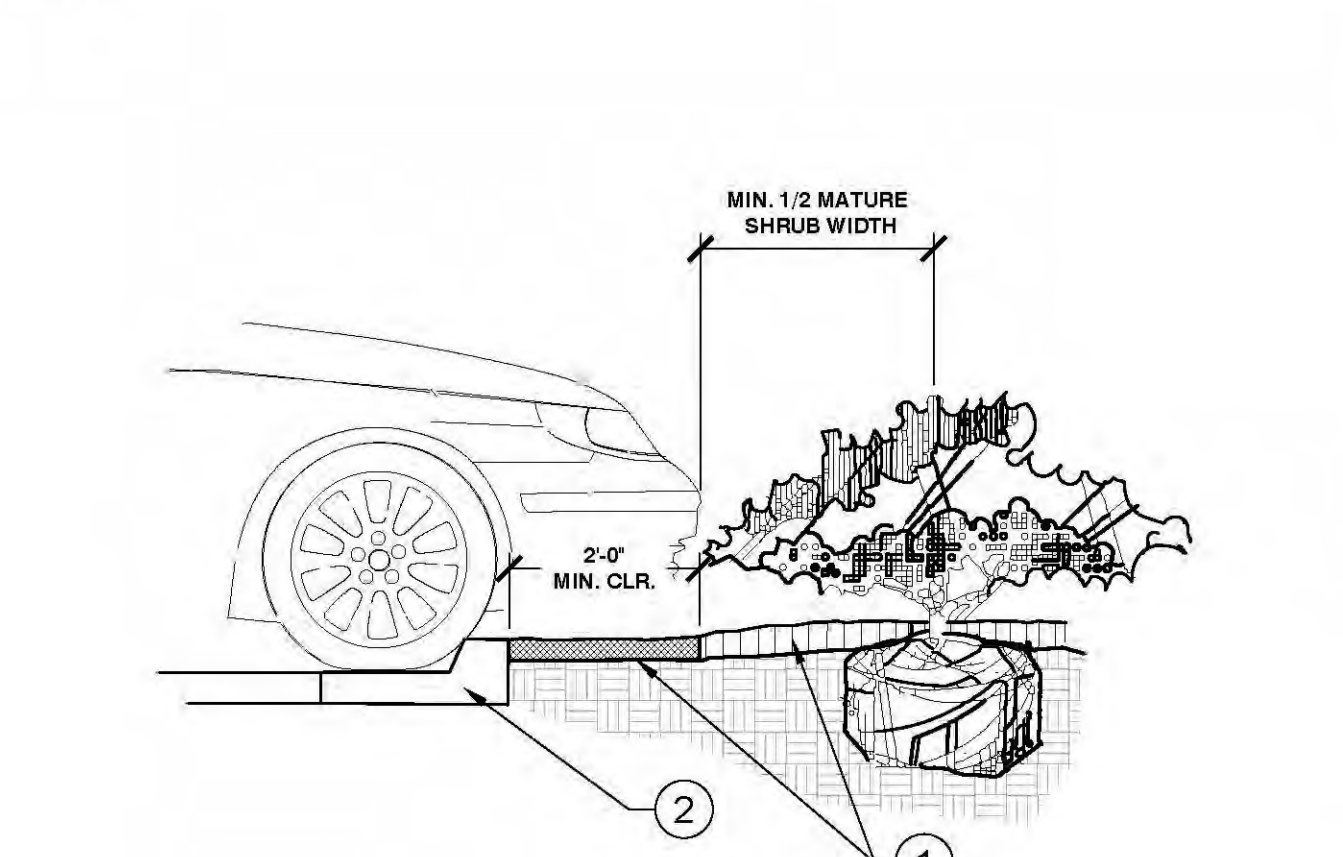
- 1 TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
 - 2 PRUNE SHRUBS AS DIRECTED BY OWNERS REPRESENTATIVE.
 - 3 3" MINIMUM OF MULCH AS SPECIFIED. WHERE SHRUBS ARE PLACED IN MASSES, MULCH SHALL BE SPREAD IN A CONTINUOUS BED.
 - 4 SOIL BERM TO HOLD WATER. TOP OF PLANTING PIT BERM TO BE LEVEL ACROSS PIT. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE. MULCH OVER EXPOSED TOPSOIL.
 - 5 FINISHED GRADE (SEE GRADING PLAN)
 - 6 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES)
 - 7 SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
 - 8 FERTILIZER TABLETS (MAX 3" DEEP).
 - 9 UNDISTURBED NATIVE SOIL.
- NOTES:
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
 - B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.
 - C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

5 SHRUB/GROUNDCOVER PLANTING ON A SLOPE
SECTION



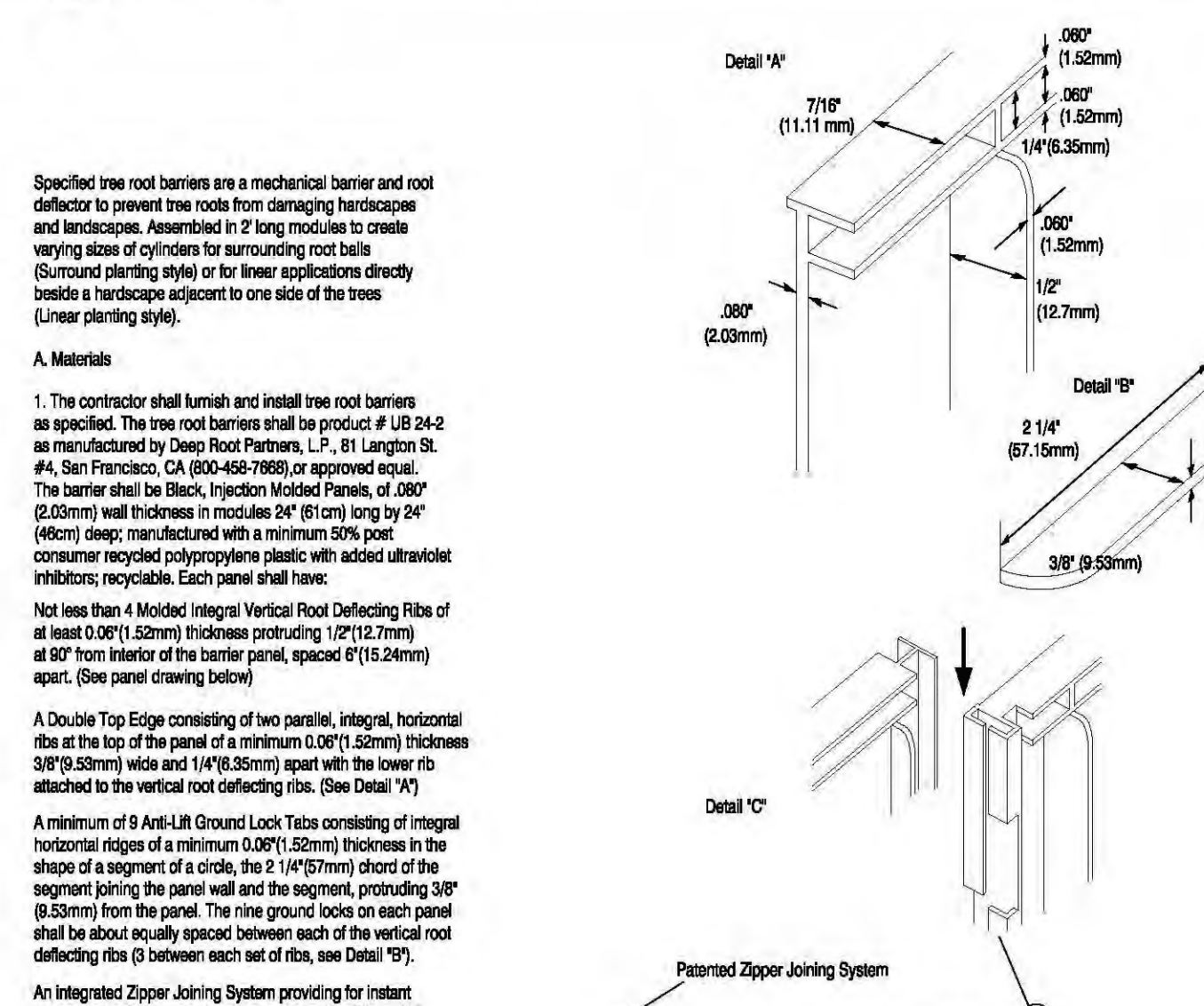
- 1 5 LAYERS OF BURLAP TO PROTECT TRUNK.
 - 2 FIVE 2" X 4" X 16" WOOD BATTENS.
 - 3 SECURE BATTENS WITH 2-3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
 - 4 (3) 2"x4"x8' SUPPORTS. NAIL (DRILL AN NAIL IF NECESSARY) TO BATTENS AND 2" 4" STAKES. STAIN DARK BROWN.
 - 5 3" SPECIFIED MULCH.
 - 6 BERM SOIL TO HOLD WATER.
 - 7 FINISH GRADE.
 - 8 2X4X24" (MIN) P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
 - 9 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).
- NOTES:
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.
 - C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION - REFER TO POOR DRAINAGE CONDITION DETAIL.

6 PALM PLANTING
SECTION / PLAN



- 1 INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.
- 2 CURB / PARKING LOT EDGE.

7 PARKING SPACE/CURB PLANTING
SECTION



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

A. Materials

1. The contractor shall furnish and install tree root barriers as specified. The tree root barrier shall be product # UB 24-2 as manufactured by Deep Root Barriers, L.P., 81 Langton St. #4, San Francisco, CA (800-468-7868) or approved equal. The barrier shall be Black Injection Molded Panels, of .080" (2.03mm) wall thickness in modules 24" (61cm) long by 24" (60cm) deep; manufactured with a minimum 95% post consumer recycled polypropylene plastic with added ultraviolet inhibitors; recyclable. Each panel shall have:
Not less than 4 Molded Integral Vertical Root Deflecting Ribs of at least 0.06" (1.52mm) thickness protruding 1/2" (12.7mm) at 90° from interior of the barrier panel, spaced 6" (152.4mm) apart. (See panel drawing below).
- A Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel of a minimum 0.06" (1.52mm) thickness 3/8" (9.52mm) wide and 1/4" (6.35mm) apart with the lower rib attached to the vertical root deflecting ribs. (See Detail 'A')
- A minimum of 8 Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of a minimum 0.06" (1.52mm) thickness in the shape of a segment of a circle, the 2 1/4" (57mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.52mm) from the panel. The ribe ground locks on each panel shall be about equally spaced between each of the vertical root deflecting ribs (3) between each set of ribs, see Detail 'B'.

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

2. The basic properties of the material shall be:

Test	ASTM Test Method	Typical Value Copolymer Polypropylene
Tensile strength @ yield - Wall	D638	2,360 PSI
Tensile strength @ yield - Hinge	D638	2,480 PSI
Yield Elongation - Wall	D638	7.71%
Yield Elongation - Hinge	D638	7.58%
Flexural Modulus	D790	120,795 PSI
Notched Iod Impact - Wall	D256A	2.54 (ft-lb)
Rockwell Hardness - scale - Wall	D786A	84.1

U.S. Patents: 5,070,642; 5,305,549 and 5,528,857.
Other Patents Pending.

B. Construction and Installation

1. The contractor shall install the tree root barriers with the number of panels and in the manner shown on the Drawings. The vertical root deflecting ribs shall be facing inward to the root ball and the top of the double edge shall be 1/2" (12.7mm) above grade. Each of the required number of panels shall be connected to form a circle around the root ball or joined in a linear fashion and placed along the adjacent hardscape.
2. Excavation and soil preparation shall conform to the Drawings.

8 24" ROOT BARRIER (UB24)
DETAIL PROVIDED BY DEEPROOT

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KHA PROJECT: 148860000
DATE: OCTOBER 2020
SCALE: AS SHOWN
DESIGNED BY: KHA
DRAWN BY: KHA/JLD
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LANDSCAPE DETAILS

CENTRAL PARC AT NORTH PORT
PREPARED FOR SABAL TRACE DEVELOPMENT PARTNERS, LLC
NORTH PORT, FLORIDA

SHEET NUMBER
L2.01

