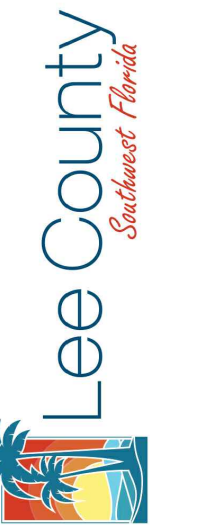




ERIK LEE HOWARD, PE
FL License No. 66574



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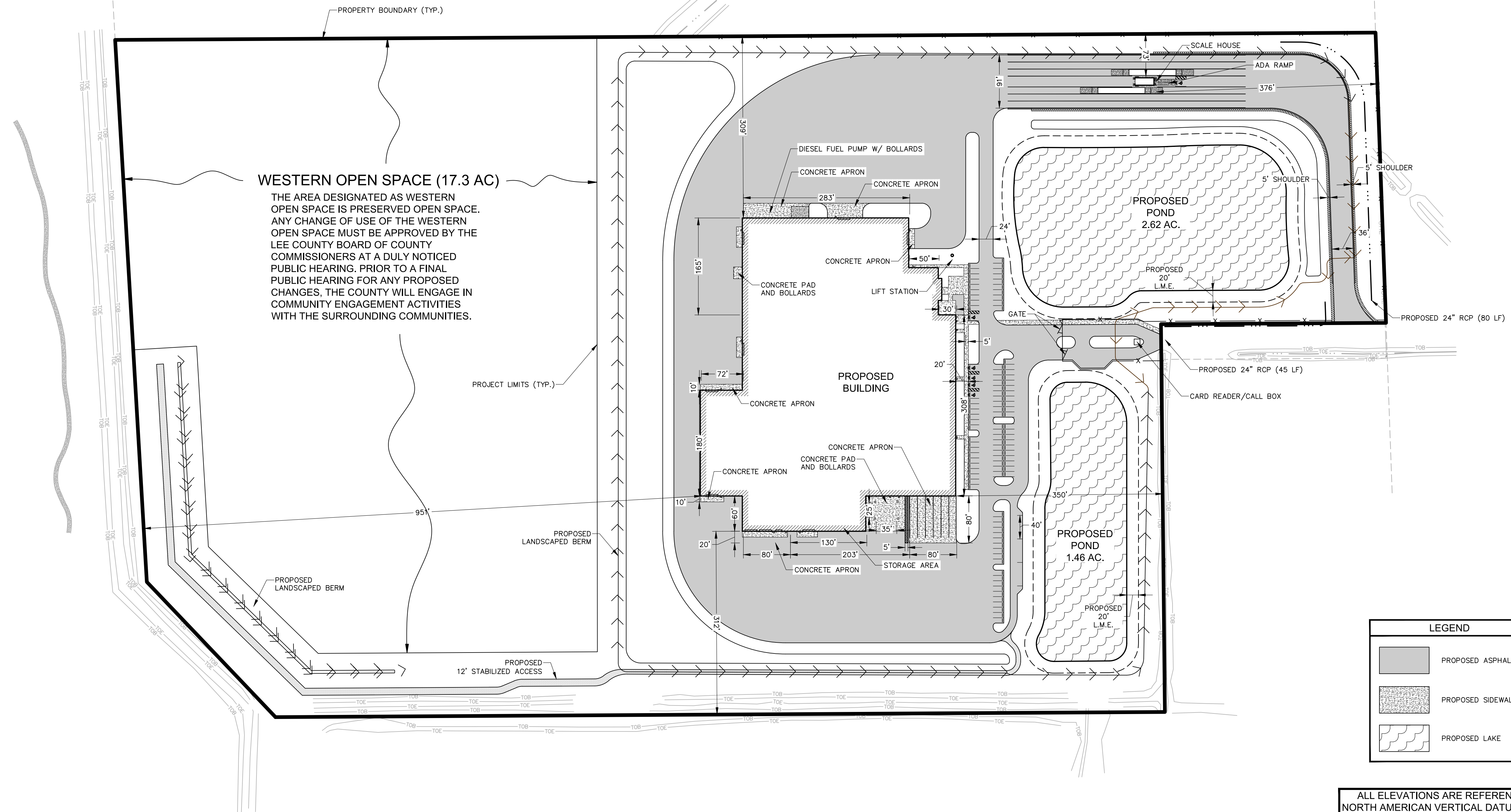
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DATE:	APRIL 2025
PROJECT NO.	20236121-000
FILE NO.	36-44-25
SCALE:	AS SHOWN

MASTER SITE PLAN
EXHIBIT

SHEET NUMBER

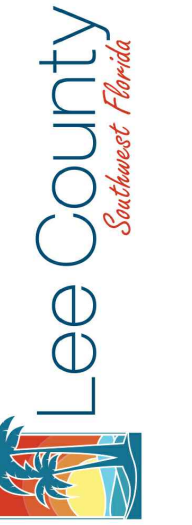
EXHIBIT



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CONVERSION TO NATIONAL GEODETIC
VERTICAL DATUM (NGVD) OF 1929 IS:
 $NAVD\ 1988 + 1.14 = NGVD\ 1929.$



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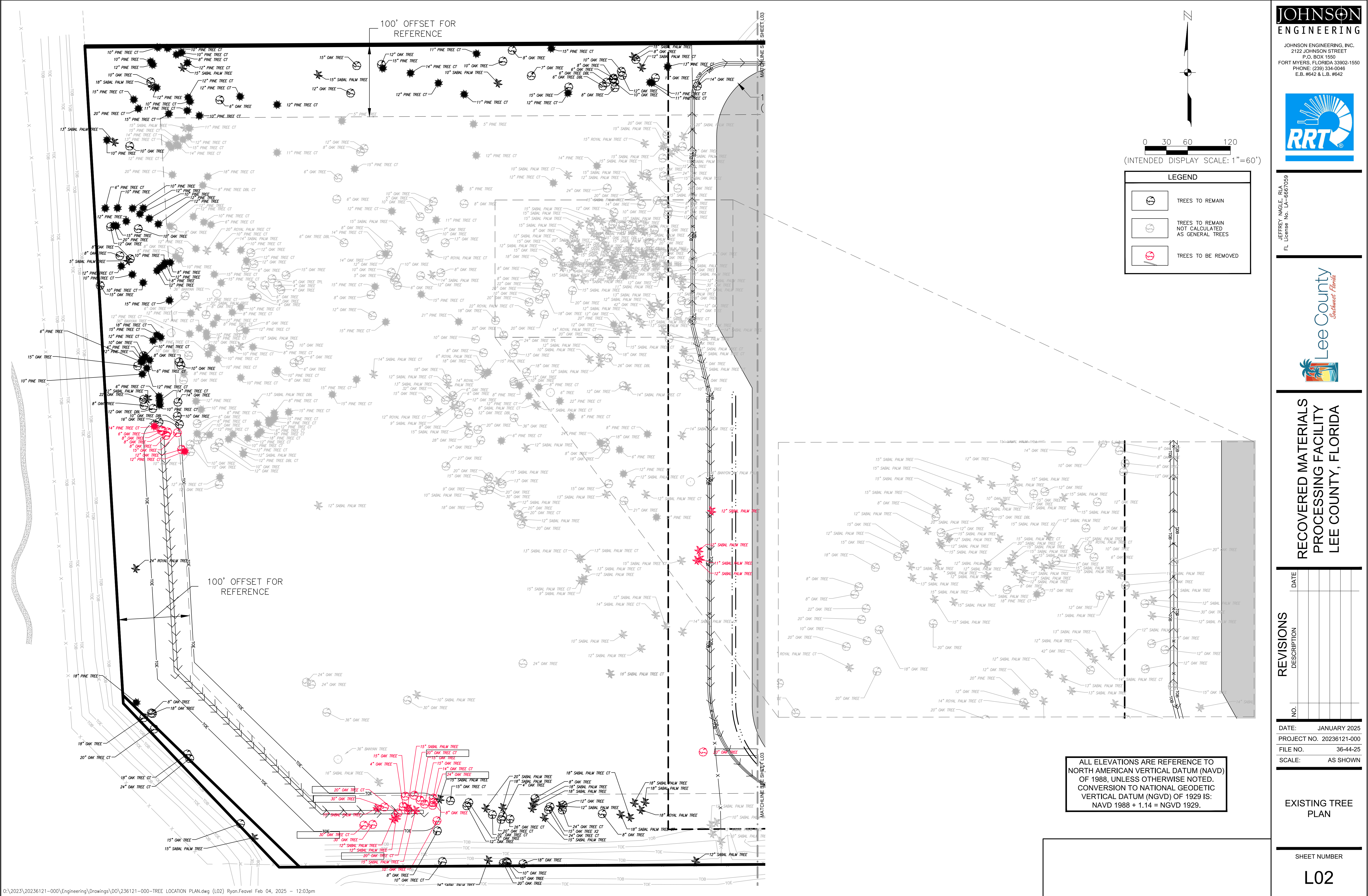
DATE:	APRIL 2025
PROJECT NO.	20236121-000
FILE NO.	36-44-25
SCALE:	AS SHOWN

EXISTING TREE
PLAN KEY

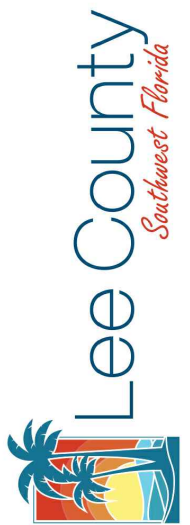
SHEET NUMBER

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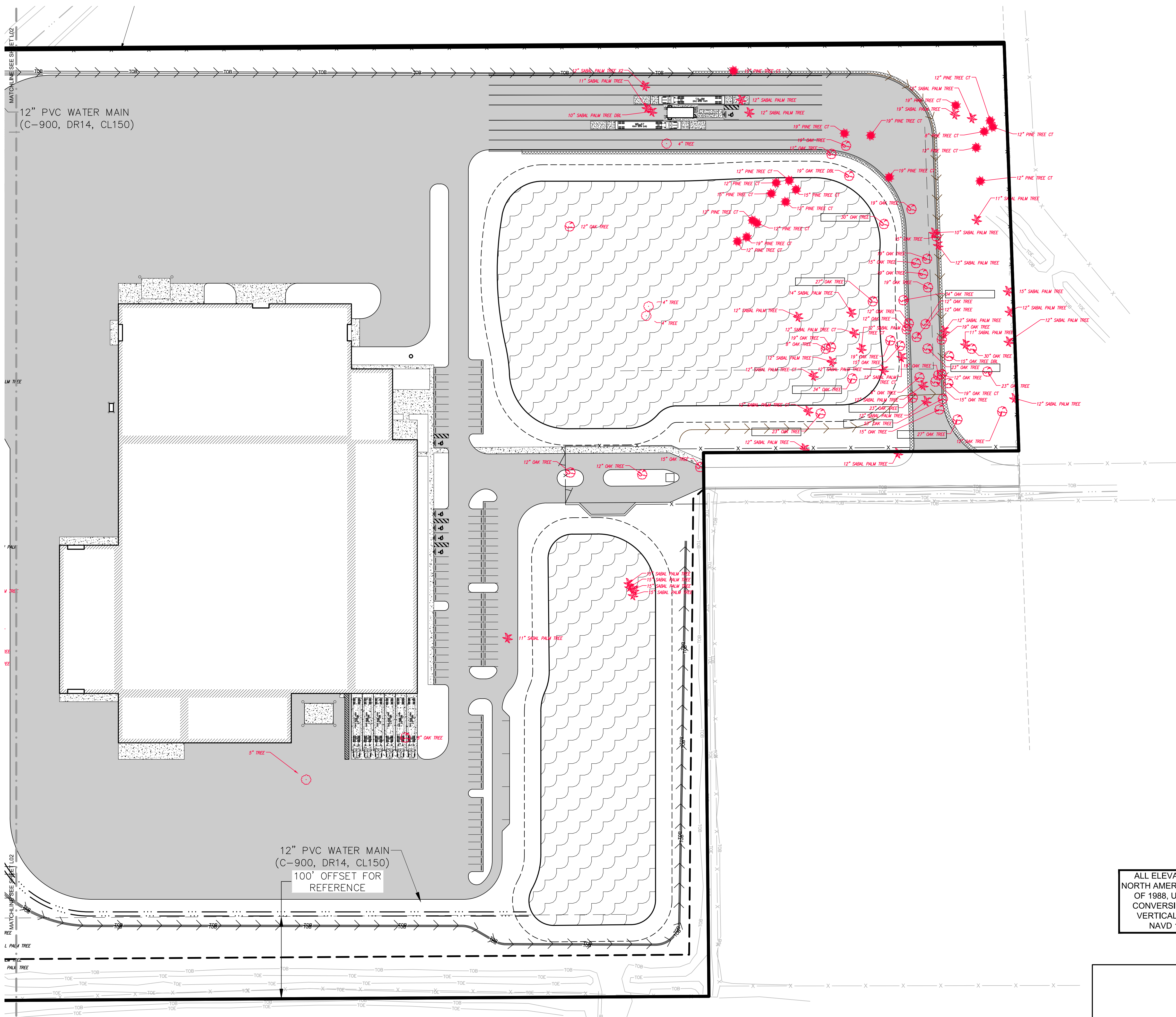
REVISIONS	DESCRIPTION	DATE	NO.

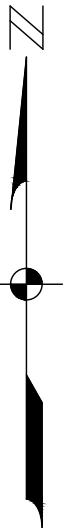
DATE: JANUARY 2025
PROJECT NO. 20236121-000
FILE NO. 36-44-25
SCALE: AS SHOWN

EXISTING TREE
PLAN

SHEET NUMBER

L02




0 30 60 120
(INTENDED DISPLAY SCALE: 1"=60')

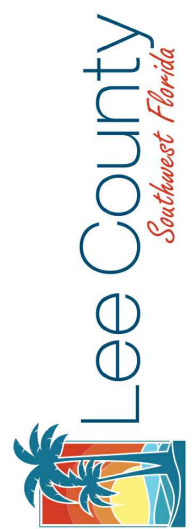
LEGEND

	TREES TO REMAIN
	TREES TO REMAIN NOT CALCULATED AS GENERAL TREES
	TREES TO BE REMOVED

ALL ELEVATIONS ARE REFERENCE TO
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RECOVERED MATERIALS
PROCESSING FACILITY
LEE COUNTY, FLORIDA

REVISIONS	DESCRIPTION	DATE			
			NO.	DATE	DESCRIPTION

DATE: JANUARY 2025
PROJECT NO. 20236121-000
FILE NO. 36-44-25
SCALE: AS SHOWN

EXISTING TREE
PLAN

SHEET NUMBER

L03

EXISTING GENERAL TREE PRESERVATION CHART

#	COMMON NAME	CALIPER (INCH)	NATIVE STATUS	POINT VALUE
1	OAK	6	NATIVE	5
2	OAK	6	NATIVE	5
3	OAK	8	NATIVE	5
4	OAK	10	NATIVE	5
5	OAK	8	NATIVE	5
6	OAK	12	NATIVE	5
7	OAK	10	NATIVE	5
8	OAK	6	NATIVE	5
9	PINE	11	NATIVE	5
10	PINE	11	NATIVE	5
11	OAK	11	NATIVE	5
12	SABAL PALM	12	NATIVE	3
13	PINE	13	NATIVE	5
14	OAK	14	NATIVE	5
15	SABAL PALM	15	NATIVE	3
16	OAK	8	NATIVE	5
17	OAK	15	NATIVE	5
18	PINE	12	NATIVE	5
19	PINE	15	NATIVE	5
20	OAK	7	NATIVE	5
21	OAK	10	NATIVE	5
22	OAK	8	NATIVE	5
23	SABAL PALM	10	NATIVE	3
24	PINE	11	NATIVE	5
25	OAK	12	NATIVE	5
26	OAK	15	NATIVE	5
27	PINE	15	NATIVE	5
28	OAK	12	NATIVE	5
29	PINE	14	NATIVE	5
30	PINE	12	NATIVE	5
31	PINE	11	NATIVE	5
32	SABAL PALM	15	NATIVE	3
33	PINE	12	NATIVE	5
34	PINE	12	NATIVE	5
35	OAK	6	NATIVE	5
36	PINE	10	NATIVE	5
37	PINE	12	NATIVE	5
38	PINE	10	NATIVE	5
39	PINE	11	NATIVE	5
40	PINE	15	NATIVE	5
41	PINE	20	NATIVE	5
42	PINE	15	NATIVE	5
43	PINE	6	NATIVE	5
44	PINE	12	NATIVE	5
45	PINE	10	NATIVE	5
46	PINE	8	NATIVE	5
47	PINE	12	NATIVE	5
48	PINE	8	NATIVE	5
49	OAK	8	NATIVE	5
50	PINE	12	NATIVE	5
51	PINE	12	NATIVE	5
52	OAK	10	NATIVE	5
53	PINE	10	NATIVE	5
54	PINE	10	NATIVE	5
55	PINE	12	NATIVE	5
56	PINE	12	NATIVE	5
57	PINE	15	NATIVE	5
58	PINE	10	NATIVE	5
59	OAK	10	NATIVE	5
60	SABAL PALM	13	NATIVE	3
61	PINE	12	NATIVE	5
62	PINE	15	NATIVE	5
63	PINE	18	NATIVE	5
64	PINE	15	NATIVE	5
65	PINE	12	NATIVE	5
66	OAK	8	NATIVE	5
67	OAK	10	NATIVE	5

#	COMMON NAME	CALIPER (INCH)	NATIVE STATUS	POINT VALUE
68	PINE	10	NATIVE	5
69	PINE	14	NATIVE	5
70	PINE	6	NATIVE	5
71	SABAL PALM	12	NATIVE	3
72	OAK	12	NATIVE	5
73	OAK	8	NATIVE	5
74	OAK	22	NATIVE	5
75	OAK	10	NATIVE	5
76	PINE	10	NATIVE	5
77	PINE	6	NATIVE	5
78	PINE	12	NATIVE	5
79	OAK	15	NATIVE	5
80	PINE	12	NATIVE	5
81	OAK	8	NATIVE	5
82	SABAL PALM	5	NATIVE	3
83	PINE	10	NATIVE	5
84	PINE	10	NATIVE	5
85	SABAL PALM	15	NATIVE	3
86	PINE	12	NATIVE	5
87	PINE	8	NATIVE	5
88	PINE	10	NATIVE	5
89	PINE	10	NATIVE	5
90	PINE	10	NATIVE	5
91	SABAL PALM	12	NATIVE	3
92	SABAL PALM	18	NATIVE	3
93	SABAL PALM	18	NATIVE	3
94	ROYAL PALM	18	NATIVE	3
95	SABAL PALM	18	NATIVE	3
96	SABAL PALM	18	NATIVE	3
97	OAK	8	NATIVE	5
98	OAK	12	NATIVE	5
99	OAK	24	NATIVE	5
100	SABAL PALM	12	NATIVE	3
101	OAK	15	NATIVE	5
102	OAK	24	NATIVE	5
103	SABAL PALM	15	NATIVE	3
104	SABAL PALM	18	NATIVE	3
105	SABAL PALM	18	NATIVE	3
106	OAK	8	NATIVE	5
107	OAK	18	NATIVE	5
108	OAK	10	NATIVE	5
109	OAK	15	NATIVE	5
110	OAK	20	NATIVE	5
111	SABAL PALM	24	NATIVE	3
112	OAK	26	NATIVE	5
113	OAK	20	NATIVE	5
114	SABAL PALM	18	NATIVE	3
115	OAK	4	NATIVE	5
116	OAK	20	NATIVE	5
117	SABAL PALM	20	NATIVE	3
118	OAK	12	NATIVE	5
119	OAK	12	NATIVE	5
120	OAK	8	NATIVE	5
121	OAK	10	NATIVE	5
122	SABAL PALM	15	NATIVE	3
123	OAK	15	NATIVE	5
124	SABAL PALM	15	NATIVE	3
125	OAK	15	NATIVE	5
126	OAK	24	NATIVE	5
127	OAK	18	NATIVE	5
128	OAK	20	NATIVE	5
129	OAK	18	NATIVE	5
130	OAK	8	NATIVE	5
131	PINE	18	NATIVE	5
132	OAK	18	NATIVE	5
133	ROYAL PALM	24	NATIVE	3
134	PINE	6	NATIVE	5

#	COMMON NAME	CALIPER (INCH)	NATIVE STATUS	POINT VALUE
135	PINE	6	NATIVE	5
136	PINE	12	NATIVE	5
137	OAK	15	NATIVE	5
138	PINE	10	NATIVE	5
139	OAK	8	NATIVE	5
140	PINE	20	NATIVE	5
141	OAK	12	NATIVE	5
142	PINE	12	NATIVE	5
143	SABAL PALM	18	NATIVE	3
144	OAK	10	NATIVE	5
145	PINE	12	NATIVE	5
146	PINE	10	NATIVE	5
	TOTAL TREE POINTS FOR EXISTING	TOTAL:	680	

PLANT MATERIAL STANDARDS SEC. 10-420(j)(2) CREDITS

EACH EXISTING INDIGENOUS NATIVE TREE PRESERVED IN PLACE, WHICH HAS A TRUNK DIAMETER OF FOUR INCHES OR GREATER MEASURED AT FOUR AND ONE-HALF FEET ABOVE THE GROUND (DBH) WILL RECEIVE A CREDIT OF FIVE TREES AGAINST THE GENERAL TREE REQUIREMENTS. NATIVE PALMS PRESERVED IN PLACE THAT ARE EIGHT FEET OR GREATER FROM GROUND LEVEL TO BASE OF FRONDS, WILL RECEIVE A CREDIT OF THREE TREES. EXISTING SABAL PALMS, IDENTIFIED ON THE DEVELOPMENT ORDER PLANS THAT ARE RELOCATED ON-SITE WILL BE GIVEN A TWO-TREE CREDIT. CREDITS FOR EXISTING TREES MAY NOT BE USED TO REDUCE THE REQUIRED PARKING CANOPY TREES IN PARKING OR VEHICLE USE AREAS. EXISTING NATIVE TREES IN BUFFERS MAY BE USED FOR CREDIT PROVIDED THEY OCCUR WITHIN THE REQUIRED 100-FOOT BUFFER SEGMENT.

CREDITS WILL APPLY ONLY WHEN THE TREES ARE LABELED AS PROTECTED-CREDIT TREES. IF THE PROTECTED-CREDIT TREES DIE WITHIN THREE YEARS FROM THE DEVELOPMENT ORDER CERTIFICATE OF COMPLIANCE, THEY MUST BE REPLACED BY THE NUMBER OF CREDIT TREES TAKEN.

HERITAGE TRE REPLACEMENT CALCULATIONS				
#	COMMON NAME	CALIPER (INCH)	NATIVE STATUS	TREE REPLACEMENT
1	OAK	27	NATIVE	1
2	OAK	23	NATIVE	1
3	OAK	23	NATIVE	1
4	OAK	30	NATIVE	1
5	OAK	23	NATIVE	1
6	OAK	34	NATIVE	1
7	OAK	30	NATIVE	1
8	OAK	27	NATIVE	1
9	OAK	34	NATIVE	1
10	OAK	23	NATIVE	1
11	OAK	23	NATIVE	1
12	OAK	23	NATIVE	1
13	OAK	24	NATIVE	1
14	OAK	20	NATIVE	1
15	OAK	20	NATIVE	1
16	OAK	20	NATIVE	1
17	OAK	30	NATIVE	1
18	OAK	30	NATIVE	1
19	OAK	30	NATIVE	1
TOTAL HERITAGE TREES TO BE REPLACED				19

TREE PRESERVATION SEC. 33-1313.(a)(4)

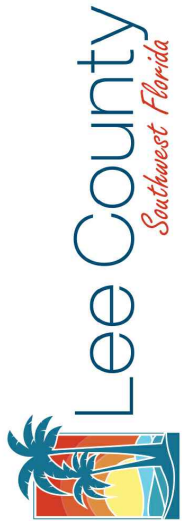
EFFORT MUST BE MADE TO PRESERVE HERITAGE TREES WITH AT LEAST A 20-INCH CALIPER DBH, INCLUDING, BUT NOT LIMITED TO, LIVE OAK, SOUTH FLORIDA SLASH PINE, OR LONGLEAF PINE. IF A HERITAGE TREE MUST BE REMOVED FROM A SITE, THEN A REPLACEMENT TREE WITH A MINIMUM 20-FOOT HEIGHT MUST BE PLANTED WITHIN AN APPROPRIATE OPEN SPACE AREA.

JOHNSON ENGINEERING

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P.O. BOX 1550
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E.B. #642 & L.B. #642



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FL License No. LA-6667059



RECOVERED MATERIALS
PROCESSING FACILITY
LEE COUNTY, FLORIDA

REVISIONS	NO.	DESCRIPTION	DATE

DATE: JANUARY 2025

PROJECT NO. 20236121-000

FILE NO. 36-44-25

SCALE: AS SHOWN

EXISTING TREE CALCULATIONS

SHEET NUMBER

L04

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Landscape Code Calculations

General Landscape Requirements	Sec. 10-415 & 10-416
Total Site Area	50.00 ACRES / 2178000.00 SF
1 Tree per 3,500 SF of Development Area	2178000.00 SF ÷ 3500.00 SF = 623 Trees Required
General Trees met through existing tree credits per Sec.10-420(j)(2)	= 680 Trees Provided
General Tree Credits	Currently Retained Trees (Quantity) Credits

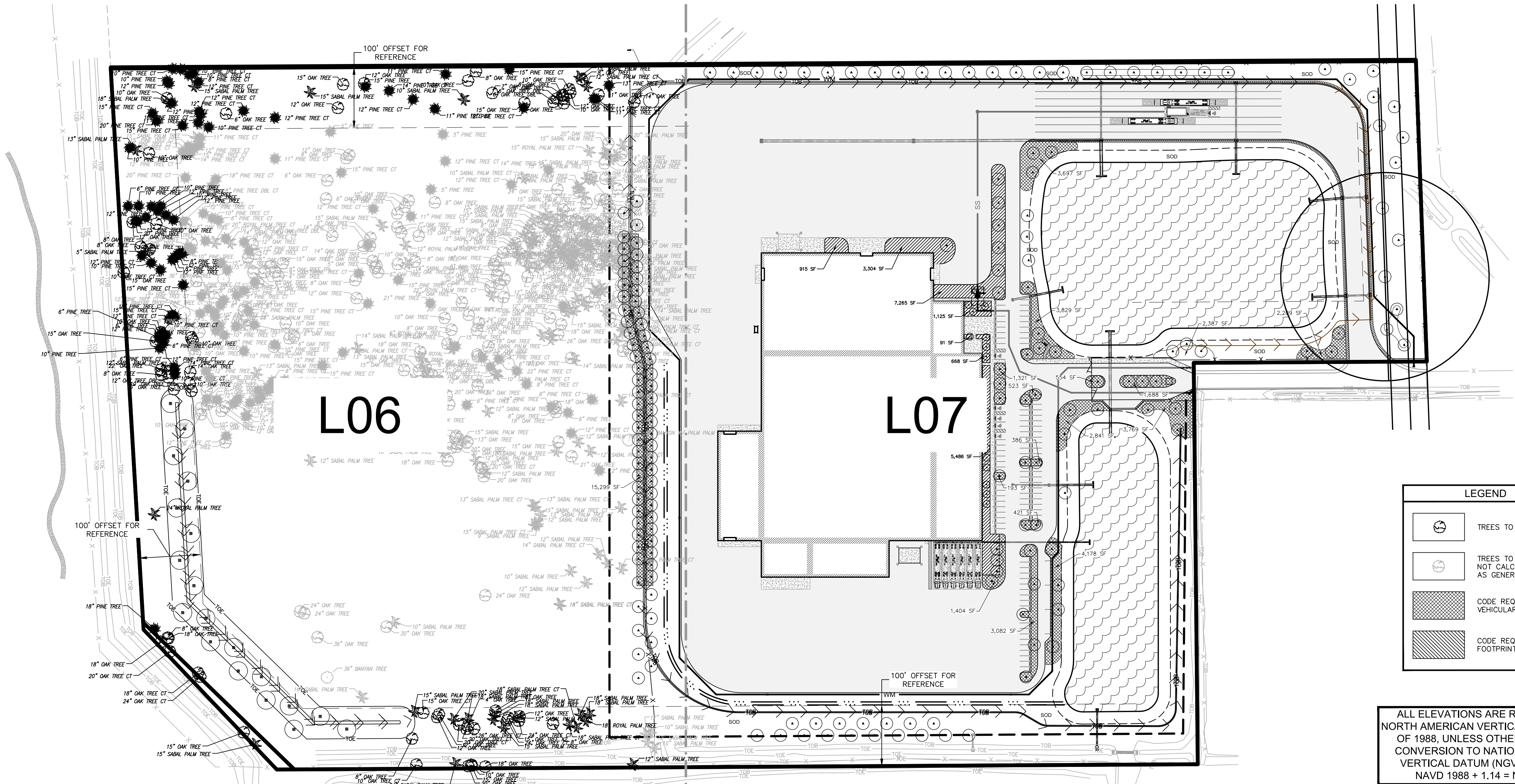
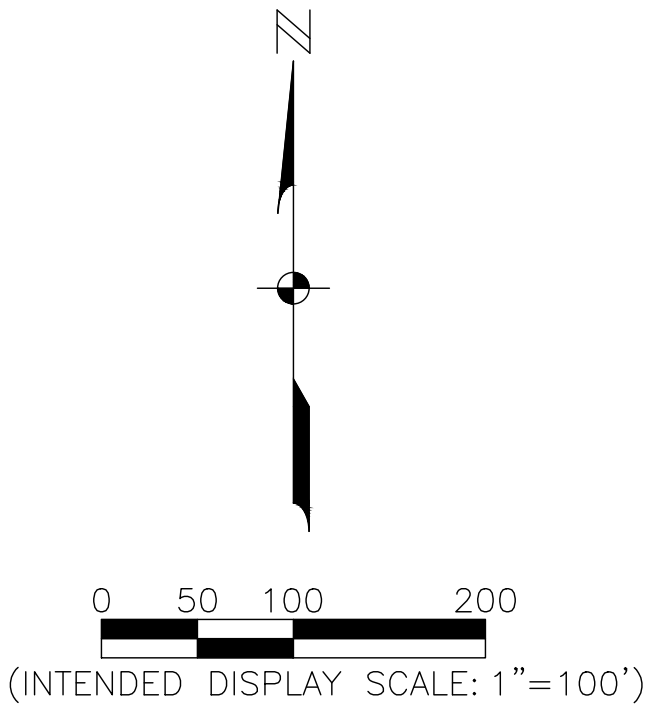
Existing General Tree Calculations		Sec. 10-420(j)(2)	
Native Trees ≥4" DBH = 5 Credits		121	605 Credits
Native Palms 8' - 20' Height = 3 Credits		25	75 Credits
Existing Sabal Palms to be Relocated = 2 Credits		0	0 Credits
Existing Non-Native Trees = 1 Credit		0	0 Credits
Total Credits			680 Credits

Heritage Tree Replacement	Sec. 33-1313(a)(4)
If a heritage tree must be removed from a site, then a replacement tree with a minimum 20-foot height must be planted within an appropriate open space area.	= 19 Trees Removed = 19 Trees Provided

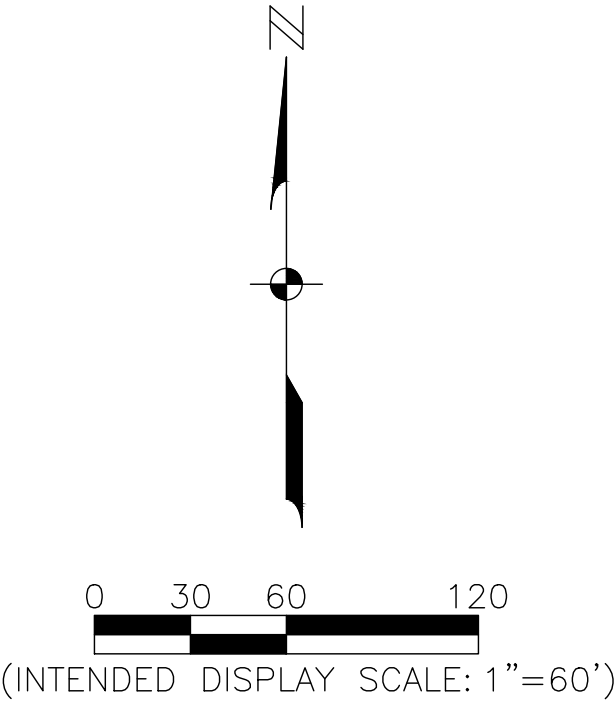
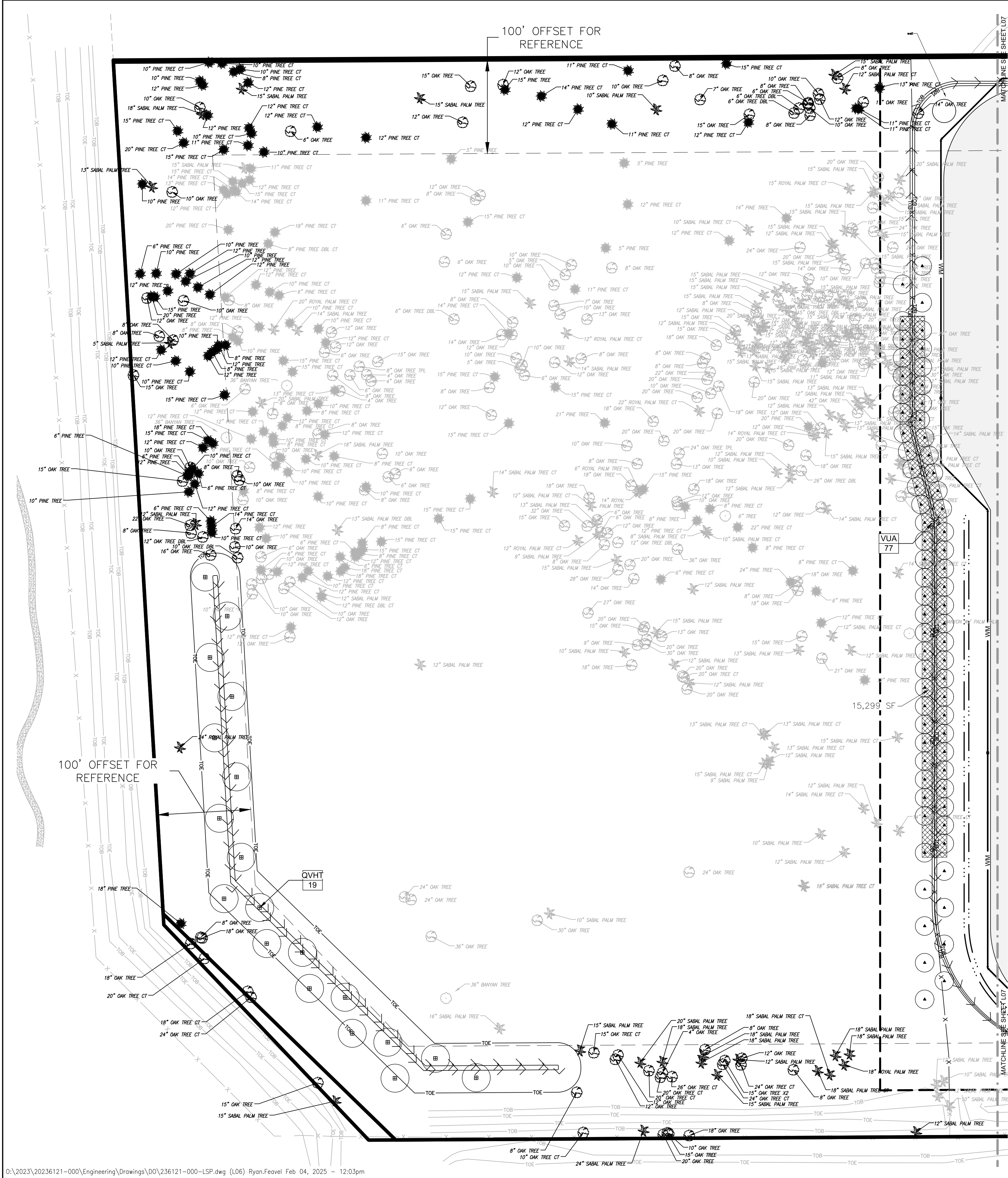
Buffer Area Requirements	Sec. 10-420(j)(2)
North Buffer: Not Required	@ 0 LF = 0 Trees Required = 0 Trees Provided
East Buffer: Not Required	@ 0 LF = 0 Trees Required = 0 Trees Provided
South Buffer: Not Required	@ 0 LF = 0 Trees Required = 0 Trees Provided
West Buffer: Not Required	@ 0 LF = 0 Trees Required = 0 Trees Provided

Vehicle Use Area Requirements	Sec. 10-416
10% of the Total Paved Surface Area:	460561.58 SF x 10% = 46056.16 SF Required = 46056.16 SF Provided
1 Tree per 250 SF of Required Area	@ 46056.16 SF = 185 Trees Required = 185 Trees Provided
Building Perimeter Planting Area Requirements	Sec. 10-416
10% of the Gross 1st Floor Area	188477.94 SF x 10% = 18847.79 SF Required = 18847.79 SF Provided
Native Variety Requirement	Sec. 10-420 (b)
75% of Trees Must be Florida Native Species	153 of 204 Trees = 75% Native
50 % of Shrubs Must be Florida Native Species	50 of 100 Shrubs = 50% Native

Notes:
All plant material sizes specified are considered minimum. All parts of the plant material specifications must be met for the material to be considered acceptable.
The heights of all trees and shrubs shall be measured from the final grade of the project site.
Where necessary, contractor shall install root barrier to protect sidewalks, utilities, etc. from root damage. See details for specific requirements for root barrier installation.
To meet the general tree requirements, 12 trees will be provided at 16' heights and 4" dbh and counted 2:1.



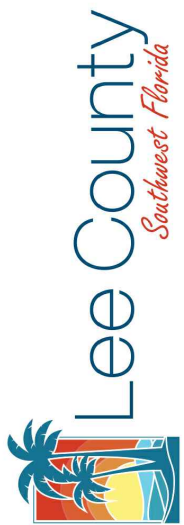
REVISIONS	DATE
DESCRIPTION	
NO.	
DATE:	JANUARY 2025
PROJECT NO.	20236121-000
FILE NO.	36-44-25
SCALE:	AS SHOWN



LEGEND	
	TREES TO REMAIN
	TREES TO REMAIN NOT CALCULATED AS GENERAL TREES
	CODE REQUIRED VEHICULAR USE AREA
	CODE REQUIRED BUILDING FOOTPRINT AREA

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES						
	QVHT	19	Quercus virginiana	Live Oak Heritage Replacement Trees	20' Ht.	Native
	VUA	185	Vehicular Use Area Canopy Trees	VUA Canopy Trees	10' Ht, 2" Cal, 4' Spr	Native

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LEE COUNTY, FLORIDA

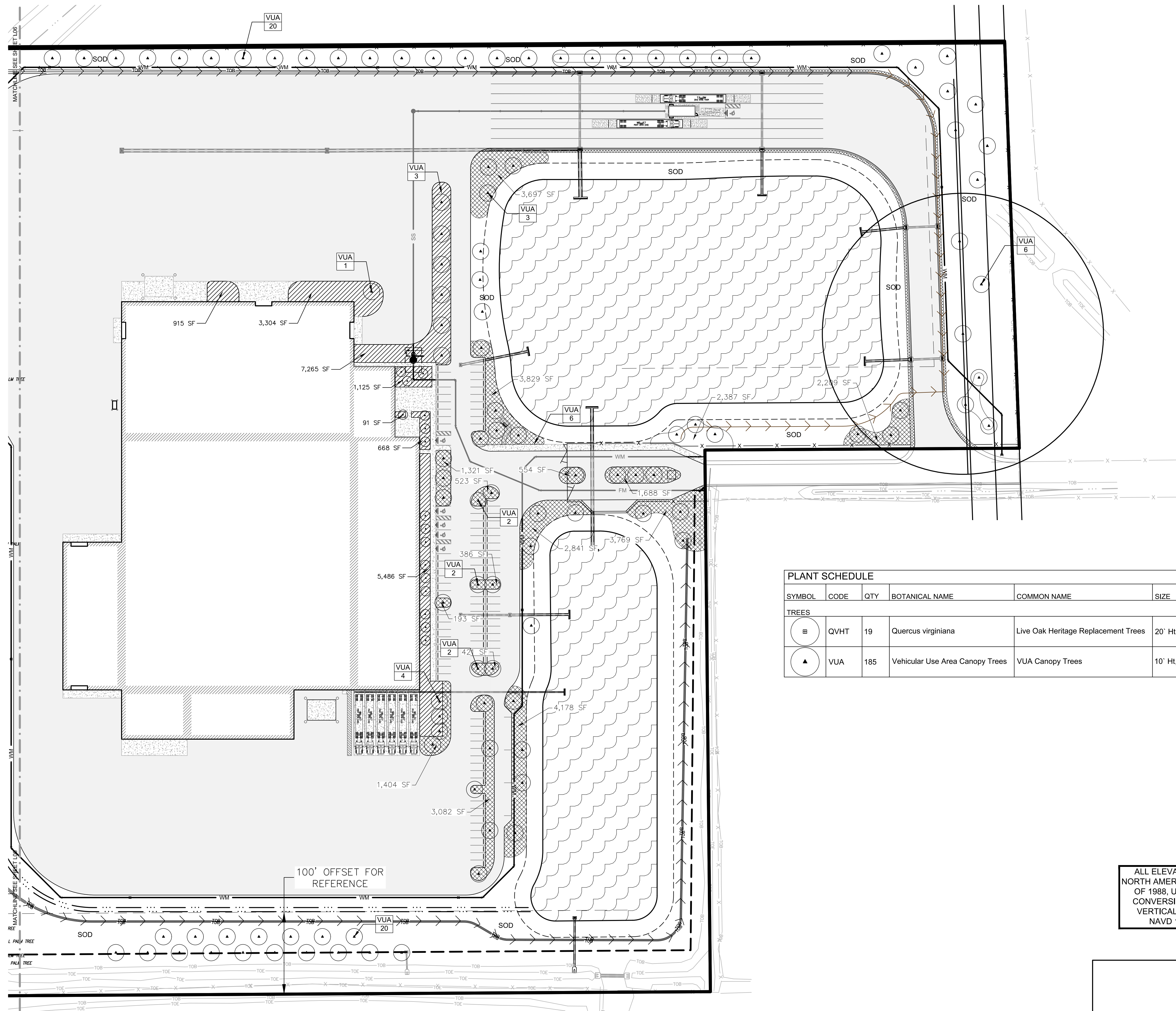
REVISIONS	DATE	
	DESCRIPTION	
NO.		

DATE: JANUARY 2025
PROJECT NO. 20236121-000
FILE NO. 36-44-25
SCALE: AS SHOWN

LANDSCAPE CODE
PLAN

SHEET NUMBER

L06



03060120

(INTENDED DISPLAY SCALE: 1"=60')

LEGEND

TREES TO REMAIN

TREES TO REMAIN
NOT CALCULATED
AS GENERAL TREES

CODE REQUIRED
VEHICULAR USE AREA

CODE REQUIRED BUILDING
FOOTPRINT AREA

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES						
	QVHT	19	Quercus virginiana	Live Oak Heritage Replacement Trees	20' Ht.	Native
	VUA	185	Vehicular Use Area Canopy Trees	VUA Canopy Trees	10' Ht, 2" Cal, 4' Spr	Native

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Lee County
Southwest Florida

RECOVERED MATERIALS
PROCESSING FACILITY
LEE COUNTY, FLORIDA

REVISIONS

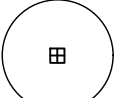
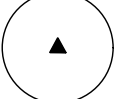
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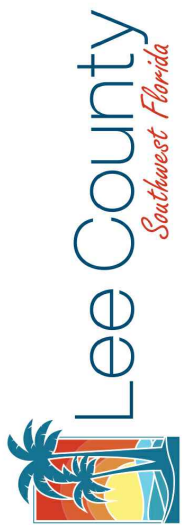
DATE: JANUARY 2025
PROJECT NO. 20236121-000
FILE NO. 36-44-25
SCALE: AS SHOWN

LANDSCAPE CODE
PLAN

SHEET NUMBER

L07

PLANT SCHEDULE						
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES						
	QVHT	19	Quercus virginiana	Live Oak Heritage Replacement Trees	20' Ht.	Native
	VUA	185	Vehicular Use Area Canopy Trees	VUA Canopy Trees	10' Ht, 2" Cal, 4' Spr	Native



RECOVERED MATERIALS
PROCESSING FACILITY
LEE COUNTY, FLORIDA

NO.	DESCRIPTION	DATE			

DATE:	JANUARY 2025
PROJECT NO.	20236121-000
FILE NO.	36-44-25
SCALE:	AS SHOWN

LANDSCAPE
SCHEDULES

SHEET NUMBER

L08