

REVISIONS		DATE
NO.	DESCRIPTION	
R1	REVISED PER COMMENTS AND SITE PLAN CHANGES	8/15/18
R2	REVISED PER SITE PLAN CHANGES	7/2/18
R3	REVISED PER CITY COMMENTS	7/24/18
R4	REVISED PER CITY COMMENTS	8/15/18
R5		
R6		

DATE:	11-16-17
PROJECT NO.	1182-42
FILE NO.	1182-42-LSP.dwg
SCALE:	AS SHOWN

**LANDSCAPE
KEY MAP,
CALCULATIONS
& NOTES**

LA-01

TREE REMOVAL / REPLACEMENT

THE PROVISIONS OF THE COUNTY TREE PROTECTION ORDINANCE REGARDING TREE PROTECTION DURING THE DEVELOPMENT OF LAND AND TREE RELOCATION OR REPLACEMENT DURING THE DEVELOPMENT OF LAND SHALL BE APPLICABLE WITHIN THE CITY.
1 TREE PER 2,000 S.F. OF SITE

SITE AREA: 1,726,587 S.F.
1,726,587 / 2,000 = 863 TREE REQUIRED

863 TREES PROVIDED
642 EXISTING TREES PROVIDED*
221 TREES PROVIDED

*EXISTING NATIVE TREES (IN HEALTHY CONDITION) WHICH REMAIN ON SITE , COUNT TOWARDS TOTAL NUMBER REQUIRED.

PERIMETER ROADWAY BUFFERS

THE FOLLOWING BUFFER AND LANDSCAPE DESIGN STANDARDS SHALL APPLY WITHIN THE MURPHY OAKS PUD:

- DIMENSIONS. REQUIRED LANDSCAPE BUFFERS ARE DEPICTED ON THE FOLLOWING GRAPHICS ALONG PROPERTY PERIMETER BOUNDARIES AND BETWEEN DIFFERING LAND USES WITHIN THE MURPHY OAKS PUD. FOUR (4) TYPICAL BUFFER CROSS SECTIONS ARE ESTABLISHED TO MATCH THE BUFFER PLAN. THE FOLLOWING ESTABLISHES THE MINIMUM REQUIREMENTS FOR EACH OF THE FOUR (4) BUFFERS AND THE SINGLE-FAMILY LAND USE COMPATIBILITY AREA:
 - BORDER ROAD BUFFER:** THE LANDSCAPED BUFFER AREA SHALL BE FORTY-SIX (46) FEET IN WIDTH MEASURED AT RIGHT ANGLES TO PROPERTY LINES AND SHALL BE ESTABLISHED ALONG THE ENTIRE LENGTH OF AND CONTIGUOUS TO THE DESIGNATED PROPERTY LINES AND INCLUDES A SIX-FOOT-HIGH (6') TAN PVC FENCE WITHIN THE FORTY-SIX-FOOT-WIDE LANDSCAPED BUFFER AREA. THE 6' HIGH PVC FENCE EXTENDS JUST TO COVER THE SIDES OF THE LOTS DESIGNATED AS 1 AND 6 ON THE BINDING CONCEPT PLAN. THE REST OF THE BUFFER WILL BE LANDSCAPED PER THE LANDSCAPE PLANS PROVIDED AS PART OF THIS BINDING PLAN.
 - N. AUBURN ROAD BUFFER:** THE LANDSCAPED BUFFER AREA SHALL BE FIFTY (50) FEET IN WIDTH MEASURED AT RIGHT ANGLES TO PROPERTY LINES AND SHALL BE ESTABLISHED ALONG THE ENTIRE LENGTH OF AND CONTIGUOUS TO THE DESIGNATED PROPERTY LINES AND INCLUDES A SIX-FOOT-HIGH (6') TAN PVC FENCE WITHIN THE FIFTY-FOOT-WIDE LANDSCAPED BUFFER AREA. THE 6' FENCE WILL BE BUFFERED FROM THE PUBLIC ROW BY A CONTINUOUS HEDGE TO BLOCK THE PUBLIC FROM THE FENCE. EXISTING VEGETATION WITHIN THIS BUFFER WILL BE KEPT AS MUCH AS POSSIBLE WITH EXOTICS BEING CLEANED OUT AND SUPPLEMENTED WITH PLANTINGS PER THE PROFFERED LANDSCAPE PLANS.
 - FOX LEA DRIVE BUFFER:** THE LANDSCAPED BUFFER AREA SHALL BE FIFTY (40) FEET IN WIDTH MEASURED AT RIGHT ANGLES TO PROPERTY LINES AND SHALL BE ESTABLISHED ALONG THE ENTIRE LENGTH OF AND CONTIGUOUS TO THE DESIGNATED PROPERTY LINES AND INCLUDES A SIX-FOOT-HIGH (6') TAN PVC FENCE WITHIN THE FORTY-SIX-FOOT-WIDE LANDSCAPED BUFFER AREA. THE 6' FENCE WILL BE BUFFERED FROM THE PUBLIC ROW BY A CONTINUOUS HEDGE TO BLOCK THE PUBLIC FROM THE FENCE. EXISTING VEGETATION WITHIN THIS BUFFER WILL BE KEPT AS MUCH AS POSSIBLE WITH EXOTICS BEING CLEANED OUT AND SUPPLEMENTED WITH PLANTINGS PER THE PROFFERED LANDSCAPE PLANS.
 - INTERSTATE 75 BUFFER:** THE LANDSCAPED BUFFER AREA SHALL BE FIFTY (50) FEET IN WIDTH MEASURED AT RIGHT ANGLES TO PROPERTY LINES AND SHALL BE ESTABLISHED ALONG THE ENTIRE LENGTH OF AND CONTIGUOUS TO THE DESIGNATED PROPERTY LINES AND INCLUDES A SIX-FOOT-HIGH (6') CONCRETE WALL WITHIN THE LANDSCAPED BUFFER AREA. THE 6' WALL WILL BE BUFFERED FROM THE PUBLIC ROW BY A CONTINUOUS HEDGE TO BLOCK THE PUBLIC FROM THE WALL. ALSO, WITHIN THIS BUFFER WILL CONSIST OF A BERM TO FURTHER BLOCK THE RESIDENCE FROM I-75 AND LANDSCAPED PER THE PROFFERED LANDSCAPE PLANS.
- ALL BUFFER AREAS SHALL BE COVERED BY GRASS, VEGETATIVE GROUND COVERINGS, OR MULCH IN AREAS NOT UTILIZED FOR TREE AND SHRUB PLANTINGS AND INCLUDE AT LEAST EIGHT (8) CANOPY TREES PER EACH ONE HUNDRED (100) LINEAR FEET OF BUFFER. TREES SHALL HAVE A TRUNK DIAMETER OF AT LEAST THREE INCHES (MEASURED AT SIX INCHES ABOVE THE GROUND) AND BE A MINIMUM OF 25-GALLON CONTAINER SIZE OR HAVE A MINIMUM TWO-FOOT ROOT BALL IF FIELD-GROWN. TREES SHALL BE FLORIDA #1 OR BETTER QUALITY AS PER GRADES AND STANDARDS FOR NURSERY PLANTS (FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES). ALL SHRUBS SHALL BE A MINIMUM OF 7-GALLON CONTAINER SIZE OR HAVE A MINIMUM HEIGHT OF 48 INCHES AT TIME OF INSTALLATION.
- PROPOSED DEVELOPMENT MAY UTILIZE EXISTING NON-INVASIVE VEGETATION TO COUNT TOWARD BUFFER YARD REQUIREMENTS.
- ADDITIONAL ENHANCED BUFFERING, AS SHOWN ON THE PROPOSED LANDSCAPE PLAN, THE FOLLOWING ADDITIONAL CRITERIA ARE ESTABLISHED:
 - ALONG THE BOUNDARY OF MURPHY OAKS AND FOX LEA DRIVE, UPON COMPLETION OF THE REMOVAL OF INVASIVE EXOTIC SPECIES OF PLANTS, ADDITIONAL PLANTINGS, SPECIFICALLY SAW PALMETTO, SHALL BE PLANTED IN OPEN AREAS.
 - ALONG THE BOUNDARY OF MURPHY OAKS AND N. AUBURN ROAD, THE PUBLIC SIDEWALK SHALL BE INCLUDED WITHIN THE FIFTY (50) FOOT-WIDE BUFFER AREA. THE SIDEWALK SHALL MEANDER TO AVOID EXISTING PRESERVED TREES WHEREVER POSSIBLE AND BE INCLUDED WITHIN A PUBLIC ACCESS EASEMENT. THE MAINTENANCE RESPONSIBILITY OF THE SIDEWALK WILL BE MY THE MURPHY OAKS HOA.

CITY OF VENICE LANDSCAPING NOTES:

NUISANCE TREES AND SHRUBS EXCLUDED:

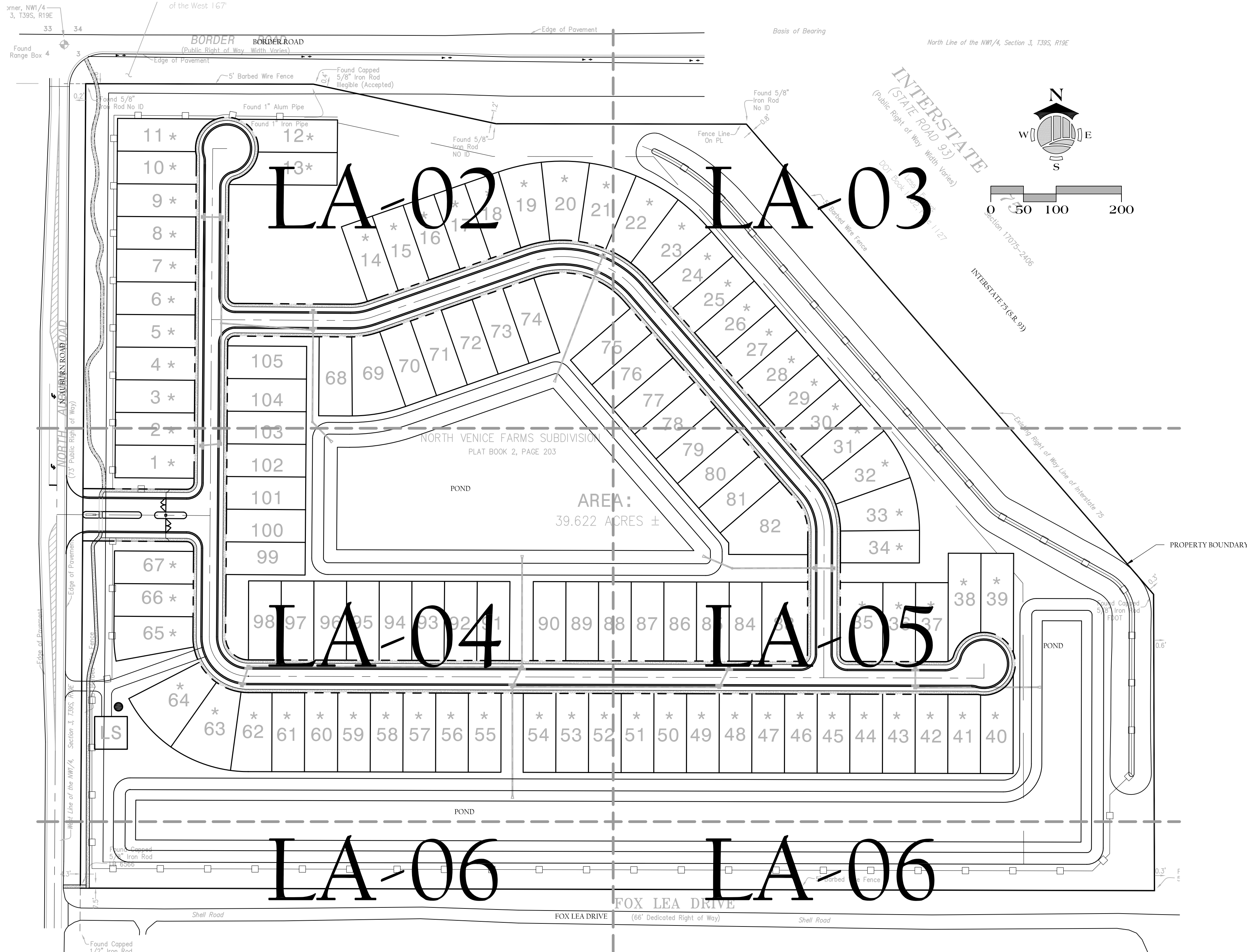
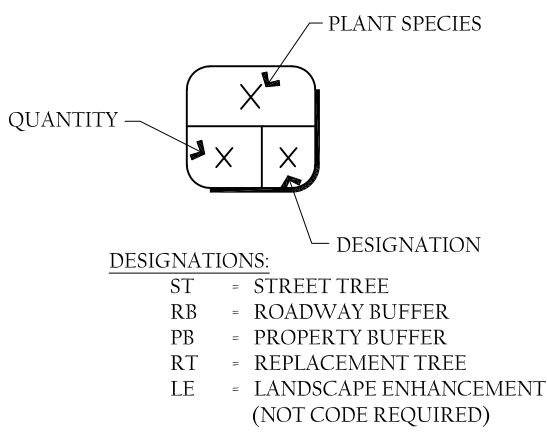
HARMFUL NUISANCE TREES AND SHRUBS SHALL BE EXCLUDED FROM ANY LANDSCAPING PLAN AND SHALL BE REMOVED FROM THE PROPERTY. LIST INCLUDES: MELALEUCA QUINQUENERVIA (PUNK TREE, CAJUPUT), SCHINUS TEREBINTHEFOLIUS (BRAZILIAN PEPPER, FLORIDA HOLLY), CASUARINA SPECIES (AUSTRALIAN PINE), CUPANIOPSIS ANACARDIOIDES (CARROTWOOD), SCAEVOLA TACCADDA AND SCAEVOLA SERICEA (BEACH NAPUKA) AND ANY ADDITIONAL SPECIES REFERENCED IN CHAPTER 5B-57, RULES OF THE DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY.

GENERAL INSTALLATION NOTES:

- INSTALLATION SHALL BE COMPLETE AT THE TIME OF FINAL INSPECTION, EXCEPT AS PROVIDED OTHERWISE.
- PROPERTY OWNER SHALL MAINTAIN LANDSCAPING AND SCREENING FOR THE LIFE OF THE PROJECT.
- REQUIRED PLANT MATERIALS WHICH ARE REMOVED OR DIE SHALL BE REPLACED WITHIN THIRTY (30) DAYS.
- UNDERSTORY GROWTH AND THE NATURAL FUNCTION OF THE AREA SHALL BE MAINTAINED.
- INSTALLATION SHALL BE IN A SOUND PROFESSIONAL MANNER.
- REQUIRED LANDSCAPING SHALL BE MAINTAINED AND PRUNED IN A MANNER THAT PRESERVES THE NATURAL SHAPE AND GROWTH CHARACTERISTICS OF THE SPECIES. PRUNING THAT "HATRACKS" OR "LOLLIPOPS" CANOPY TREES IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE PLANNING DIRECTOR.
- TREE LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.

GENERAL IRRIGATION NOTES:

- ONE HUNDRED (100) PERCENT AUTOMATIC IRRIGATION SYSTEMS SHALL BE REQUIRED. THIS SITE WILL UTILIZE WELL WATER.
- EXISTING PLANT COMMUNITIES AND ECOSYSTEMS MAINTAINED IN A NATURAL STATE DO NOT GENERALLY REQUIRE SUPPLEMENTAL IRRIGATION.
- RAIN OR MOISTURE SENSING SHUT-OFF DEVICES SHALL BE INSTALLED WITH ANY IRRIGATION SYSTEM. DRIP OR MICROJET IRRIGATION SHALL BE USED WHERE POSSIBLE. LOW-TRAJECTORY SPRAY NOZZLES ARE ENCOURAGED.
- ALL IRRIGATION SYSTEMS SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE WATER NEEDS OF THE SYSTEM. STORMWATER REUSE, RECLAIMED WATER AND GREY WATER IRRIGATION SYSTEMS SHALL BE USED WHERE FEASIBLE. SHALLOW WELLS AND WET RETENTION/DETENTION PONDS SHALL ALSO BE USED AS AN ALTERNATIVE TO POTABLE WATER.
- AN IRRIGATION PLAN SHALL BE PROVIDED SHOWING THE LOCATION OF THE WATER SOURCE AND SIZE OF WELL (IF APPLICABLE), BACKFLOW PREVENTER (IF APPLICABLE), THE LOCATION OF IRRIGATION HEADS, DRIP LINES, WATER LINES OR OTHER ITEMS THAT WILL SHOW THAT ONE HUNDRED (100) PERCENT AUTOMATIC IRRIGATION IS SERVING ALL REQUIRED LANDSCAPE AREAS ON THE PLAN.
- THE LANDSCAPE PLANS SHALL COMPLY WITH THE WATER EFFICIENT LANDSCAPE ORDINANCE # 2001-081.

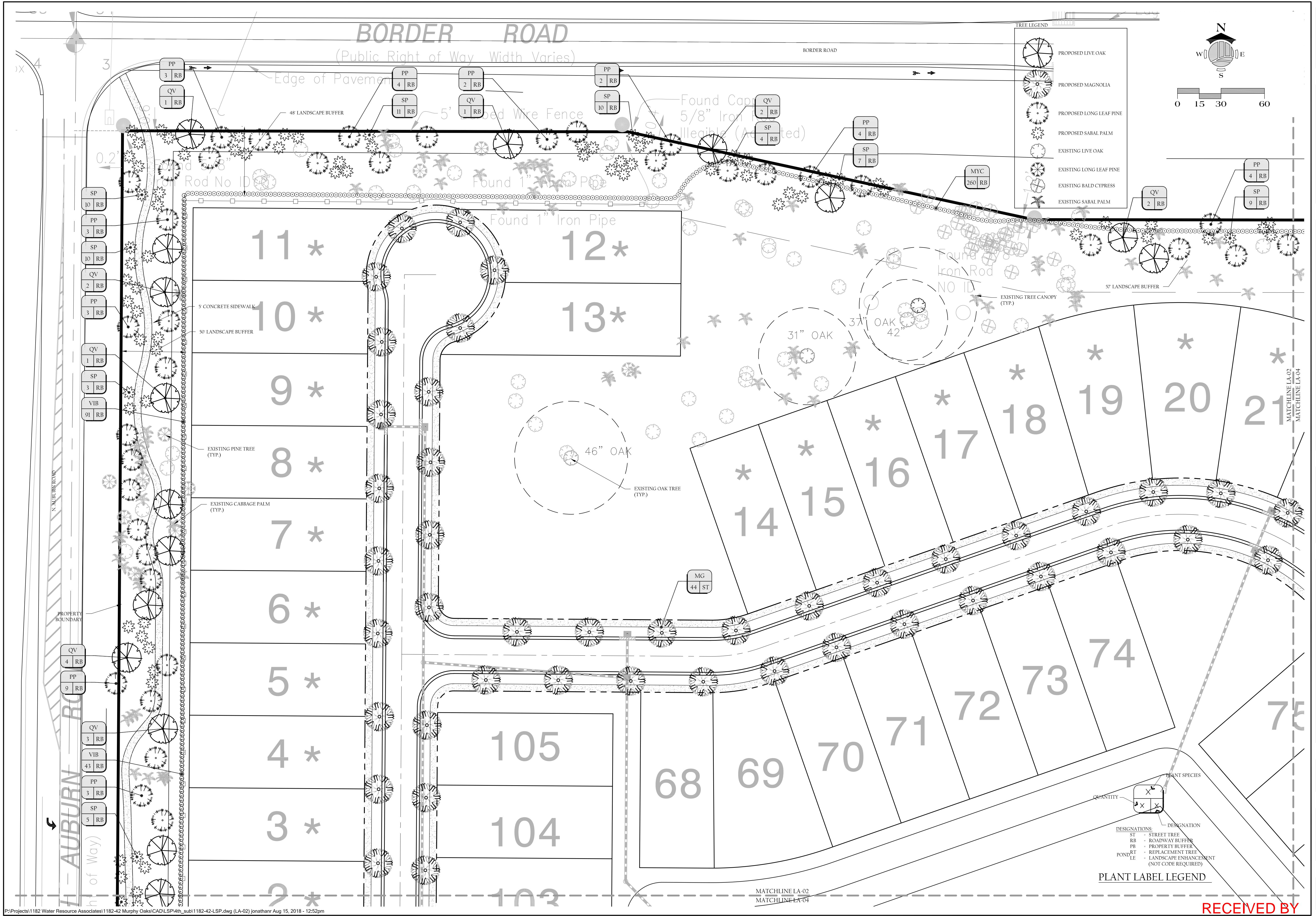


MASTER PLANT SCHEDULE

SYM	QTY	NATIVE	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
QV	94	Y	QUERCUS VIRGINIANA	CATHEDRAL LIVE OAK	14' HT., 4" SPR., 3" CAL.
PP	116	Y	PINUS PALUSTRIS	LONG LEAF PINE	14' HT., 4" SPR., 3" CAL.
SP	329	Y	SABAL PALMETTO	SABAL PALM	STG. HTS. 10', 14', 18' CT.
MG	135	Y	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	14' HT., 4" SPR., 3" CAL.
VIB	348	N	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	MIN. 15 GAL., FULL
MYC	1,281	Y	MYRICA CERIFERA	WAX MYRTLE	MIN. 15 GAL., FULL
N/A	136	Y	SERENOA REPENS	SAW PALMETTO	MIN. 7 GAL., FULL

NOTE:

- STREET TREES SHALL BE 1 PER 50 L.F. WITH ROOM FOR ADJUSTMENT FOR DRIVEWAY LOCATION AND SHALL MEET MINIMUM SPECIFIED FROM LAND DEVELOPMENT CODE.
- THERE IS ADEQUATE PLANTING AREA BETWEEN BACK OF CURB AND SIDEWALK FOR INSTALLATION OF THE STREET TREES. PROPOSED UTILITIES ARE NOT WITHIN THIS PLANTING AREA.



P:\Projects\1182 Water Resource Associates\1182-42 Murphy Oaks\CAD\LSP\4th_sub\1182-42-LSP.dwg (LA-02) jonathanr Aug 15, 2018 - 12:52pm

2401 FIRST STREET, SUITE 201
FORT MYERS, FLORIDA 33901
PH: (239) 226-0024 - FX: (239) 226-0094
EB-26544 CA-LC26000374

MURPHY OAKS,
VENICE, FLORIDA

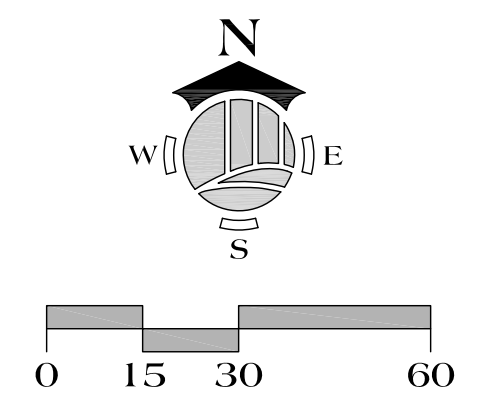
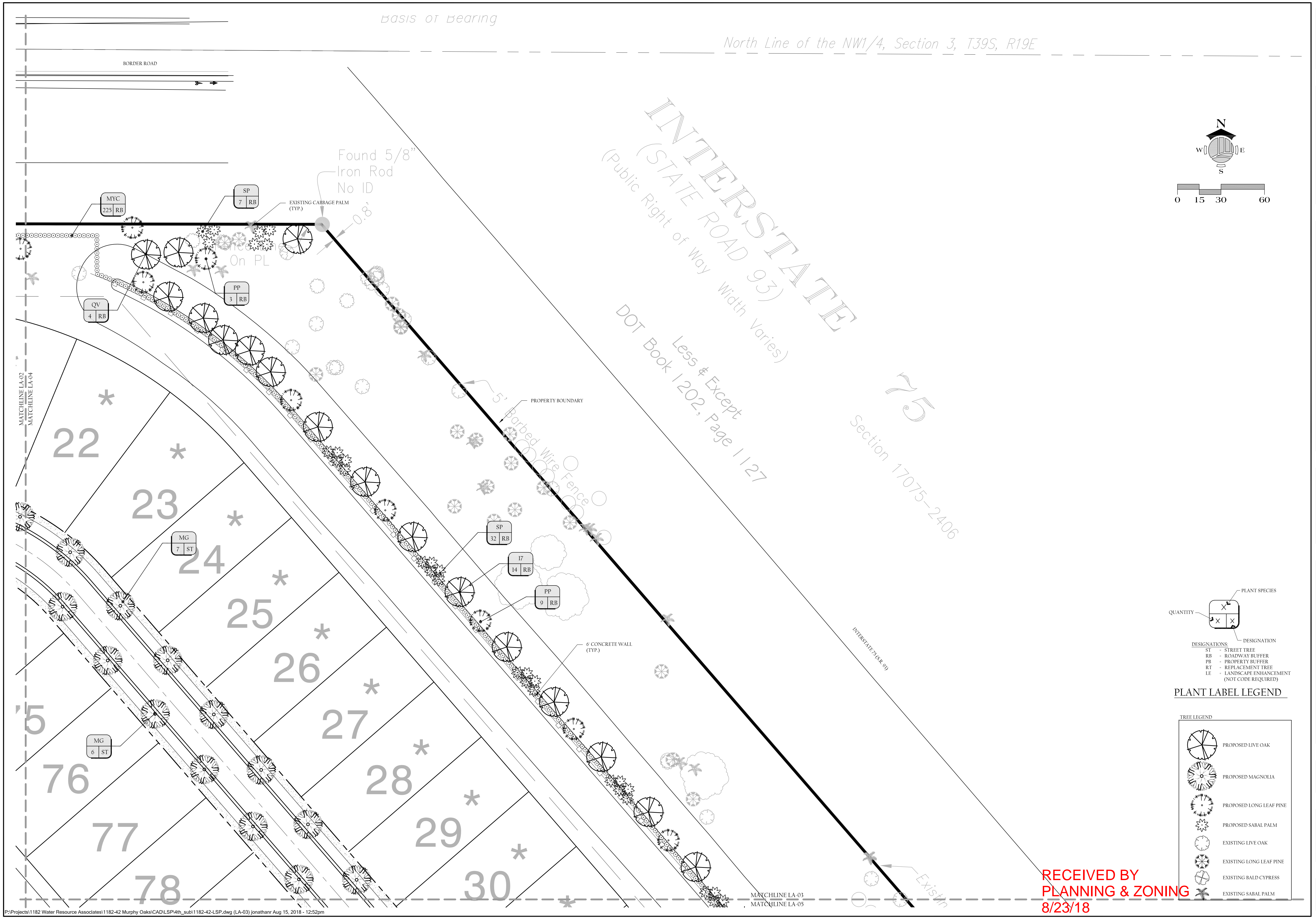
NO.	DATE	DESCRIPTION
R1	8/15/18	REVISED PER COMMENTS AND SITE PLAN CHANGES
R2	7/2/18	REVISED PER SITE PLAN CHANGES
R3	7/24/18	REVISED PER CITY COMMENTS
R4		
R5		
R6		

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LANDSCAPE
PLAN

LA-02

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8/23/18



PLANT LABEL LEGEND

QUANTITY	PLANT SPECIES
1	PROPOSED LIVE OAK
2	PROPOSED MAGNOLIA
3	PROPOSED LONG LEAF PINE
4	PROPOSED SABAL PALM
5	EXISTING LIVE OAK
6	EXISTING LONG LEAF PINE
7	EXISTING BALD CYPRESS
8	EXISTING SABAL PALM

TREE LEGEND

PROPOSED LIVE OAK
PROPOSED MAGNOLIA
PROPOSED LONG LEAF PINE
PROPOSED SABAL PALM
EXISTING LIVE OAK
EXISTING LONG LEAF PINE
EXISTING BALD CYPRESS
EXISTING SABAL PALM

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FB: 26544 CA: LC26000374

MURPHY OAKS,
VENICE, FLORIDA

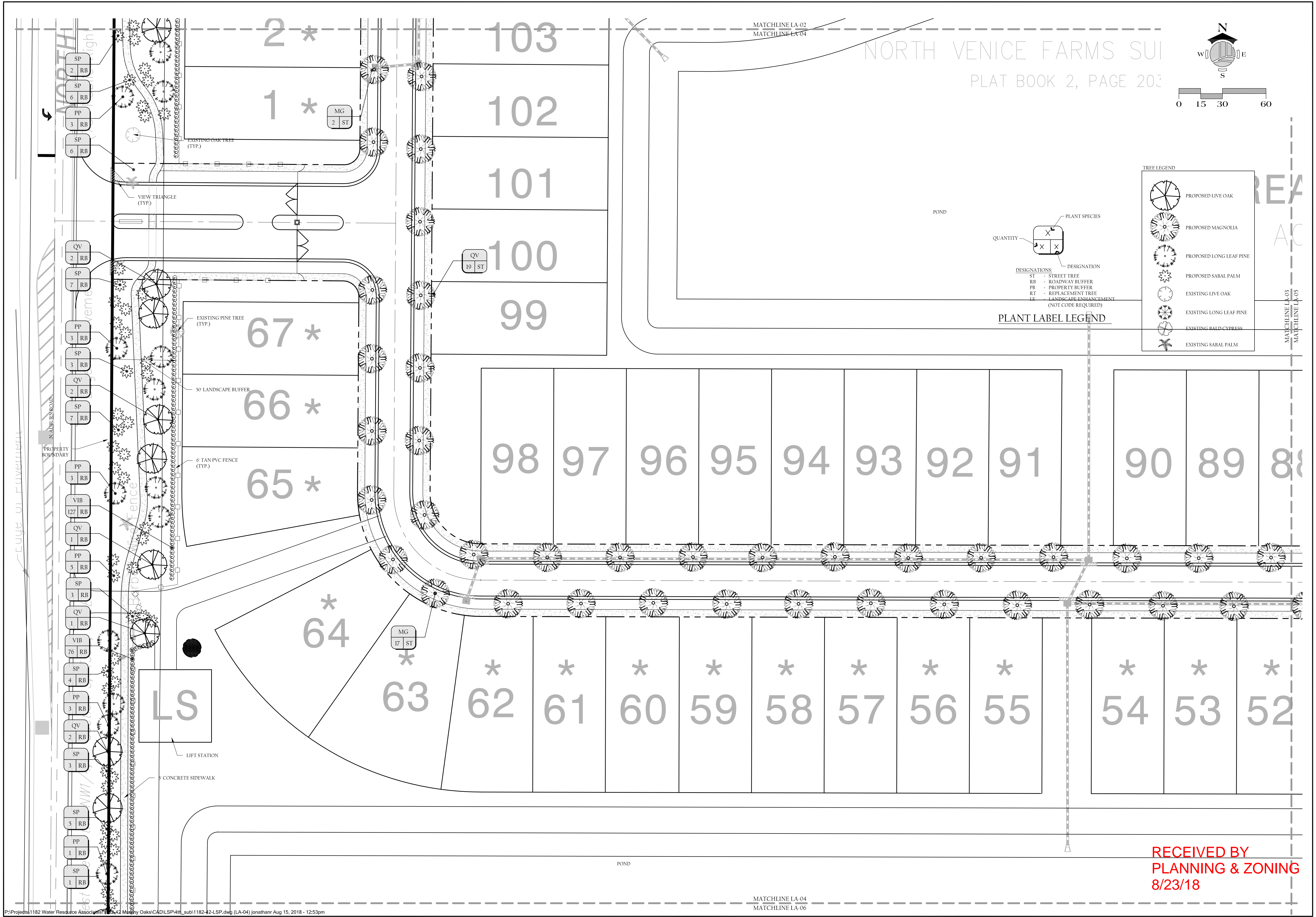
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R2	7/2/18	REVISED PER SITE PLAN CHANGES
R3	7/24/18	REVISED PER CITY COMMENTS
R4		
R5		
R6		

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LANDSCAPE
PLAN

LA-03

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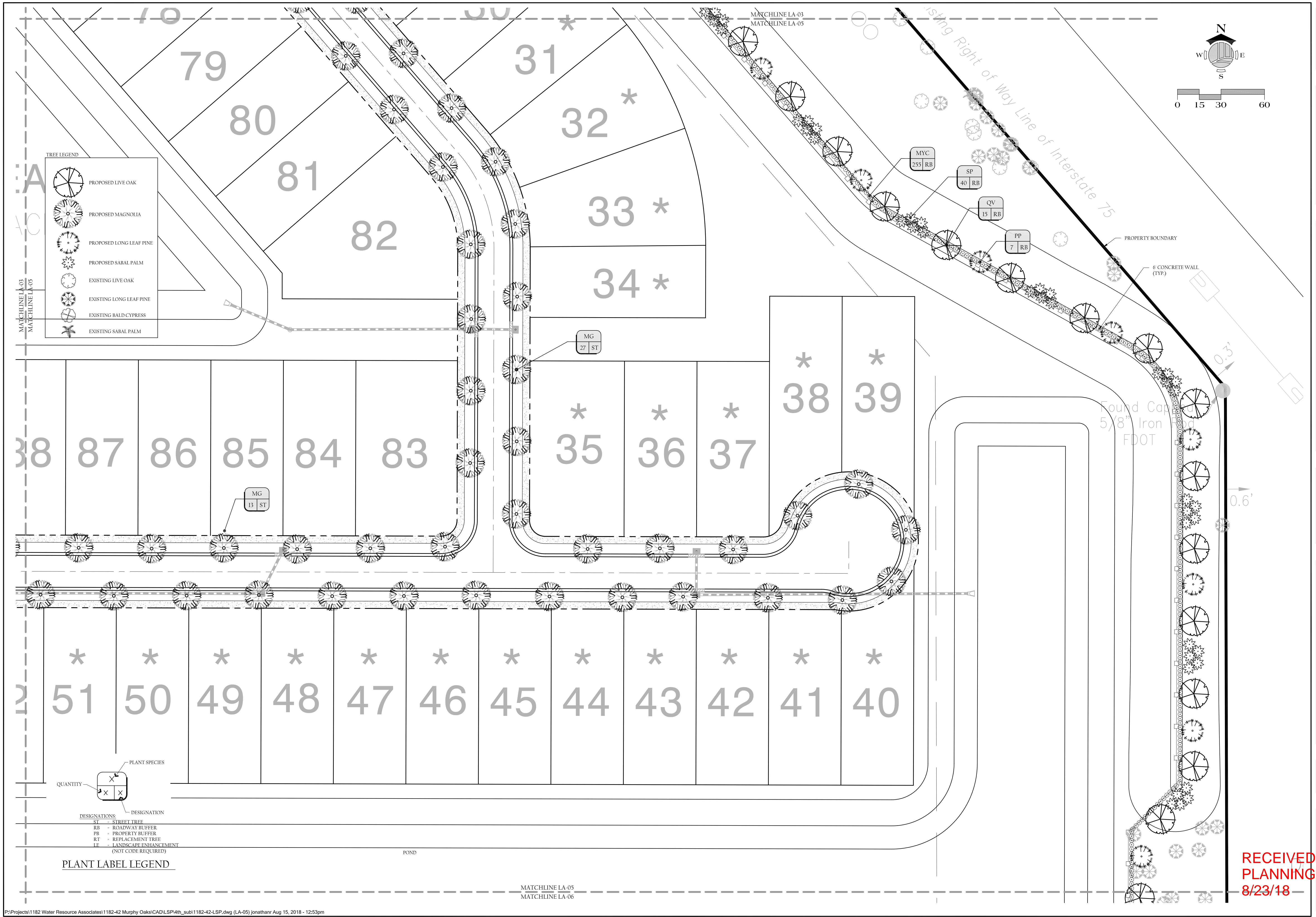
MURPHY OAKS,
VENICE, FLORIDA

NO.	DATE	DESCRIPTION
R1	8/15/18	REVISED PER COMMENTS AND SITE PLAN CHANGES
R2	7/23/18	REVISED PER SITE PLAN CHANGES
R3	7/24/18	REVISED PER CITY COMMENTS
R4		
R5		
R6		

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SCALE:	AS SHOWN

LANDSCAPE
PLAN

LA-04



2401 FIRST STREET, SUITE 201
FORT MYERS, FLORIDA 33901
PH: (239) 226-0024 - FX: (239) 226-0004
EB-26544 CALC-26000374

MURPHY OAKS,
VENICE, FLORIDA

NO.	DATE	DESCRIPTION
R1	3/15/18	REVISED PER COMMENTS AND SITE PLAN CHANGES
R2	7/2/18	REVISED PER SITE PLAN CHANGES
R3	7/24/18	REVISED PER CITY COMMENTS
R4		
R5		
R6		

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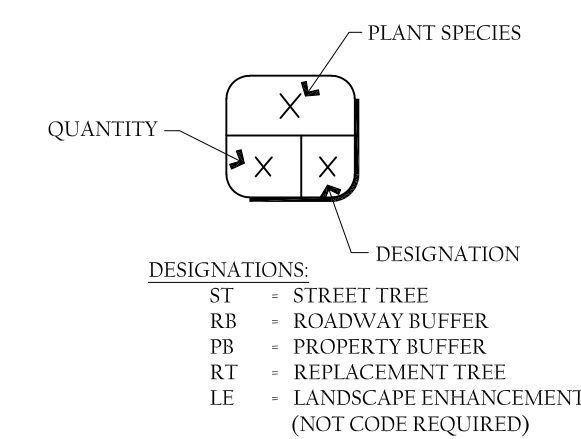
LANDSCAPE
PLAN

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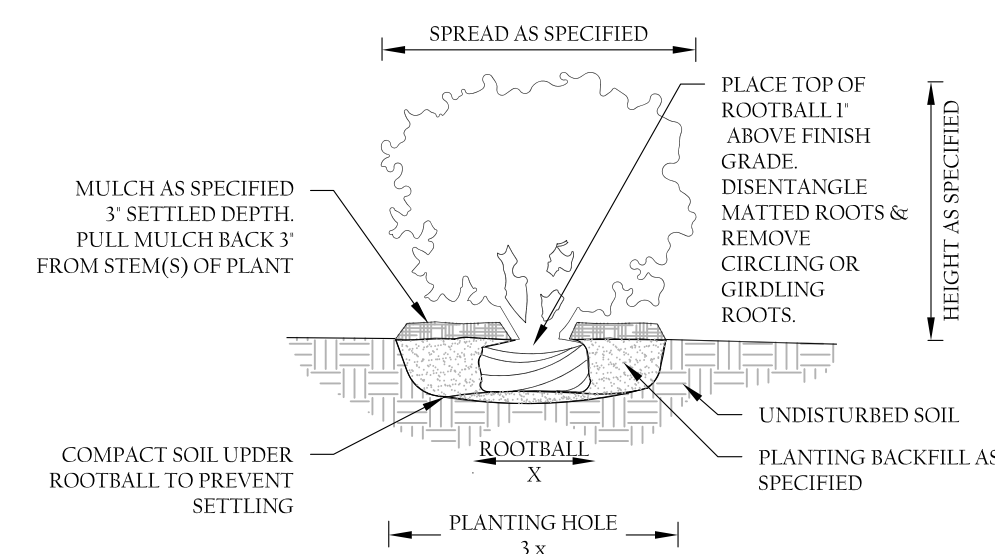
LA-05

SHEET 6-A

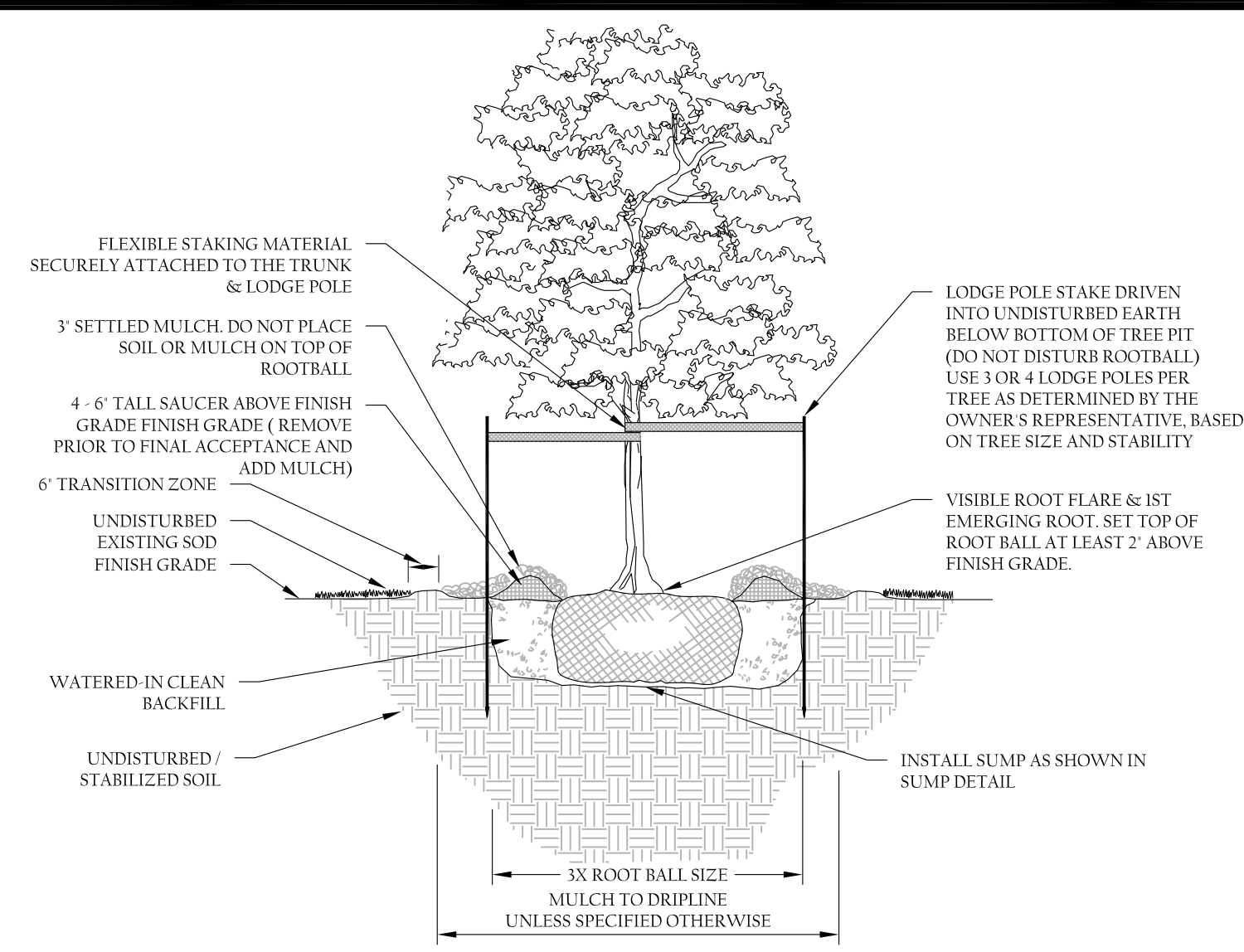
SHEET 6-B



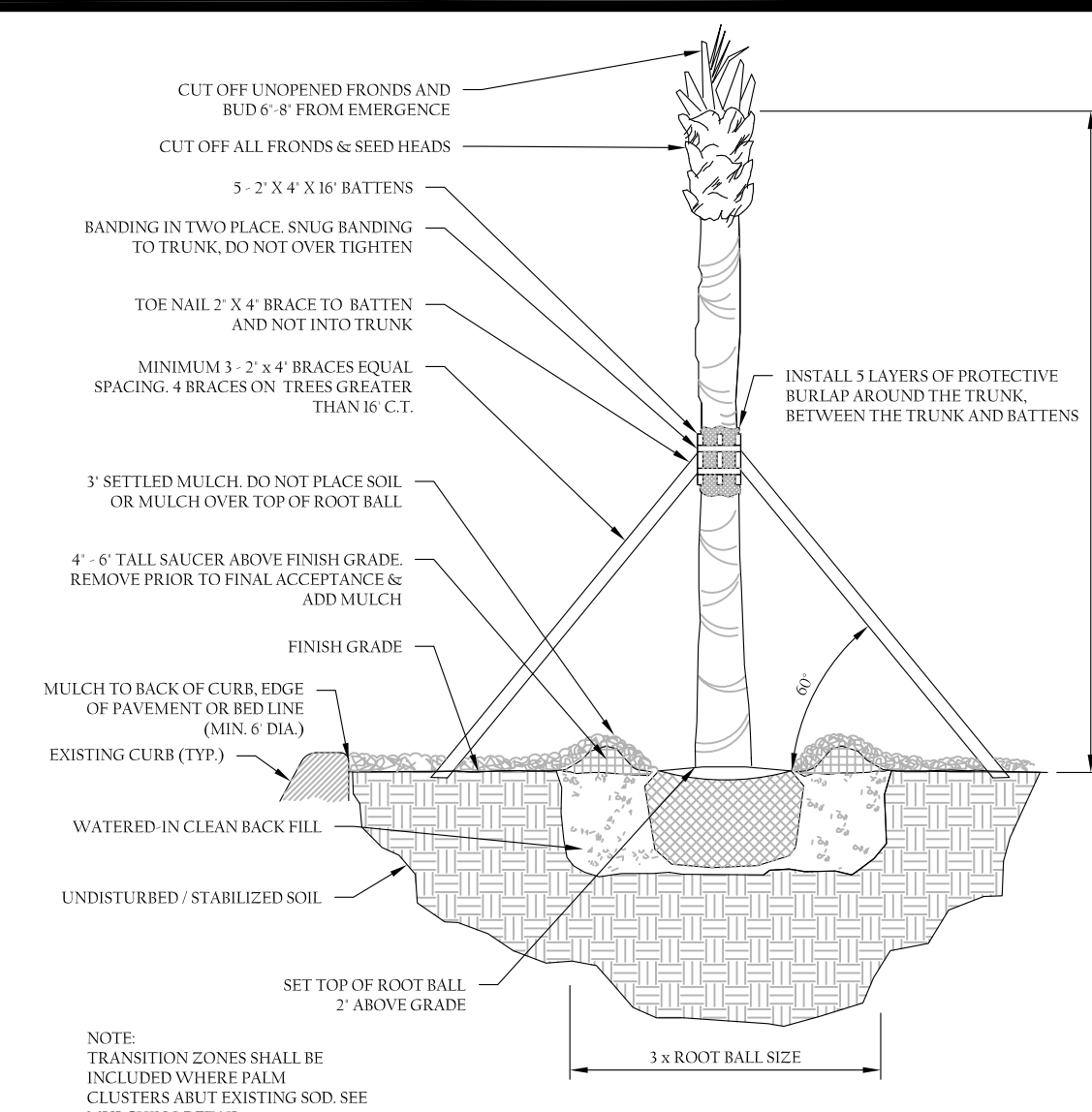
PLANT LABEL LEGEND



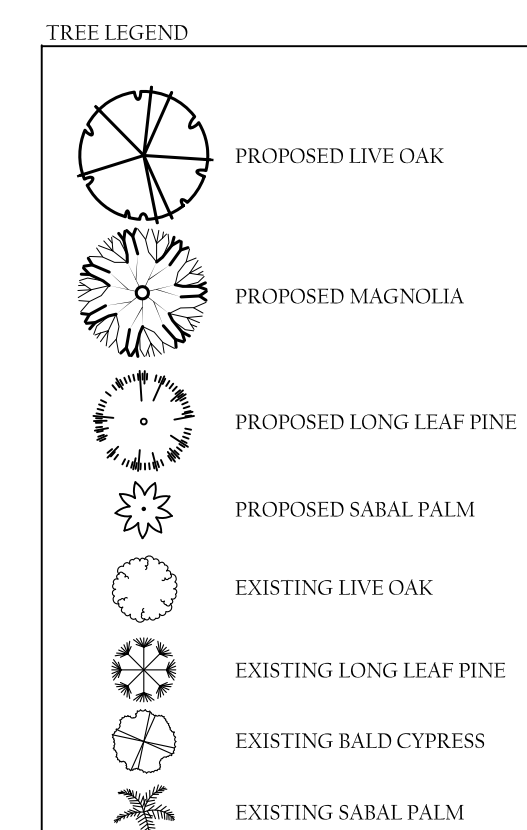
SHRUB & GROUND COVER PLANTING DETAIL











SINGLE TRUNK TREE PLANTING DETAIL



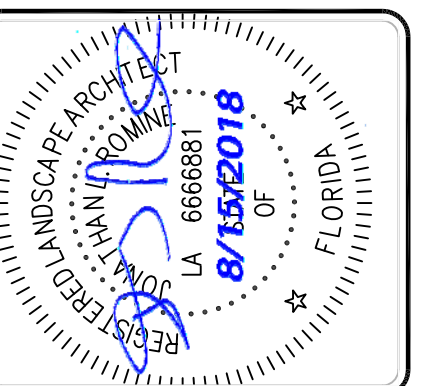
SABAL PALM PLANTING DETAIL



TREE LEGEND

	PROPOSED LIVE OAK
	PROPOSED MAGNOLIA
	PROPOSED LONG LEAF PALM
	PROPOSED SABAL PALM
	EXISTING LIVE OAK
	EXISTING LONG LEAF PALM
	EXISTING BALD CYPRESS
	EXISTING SABAL PALM

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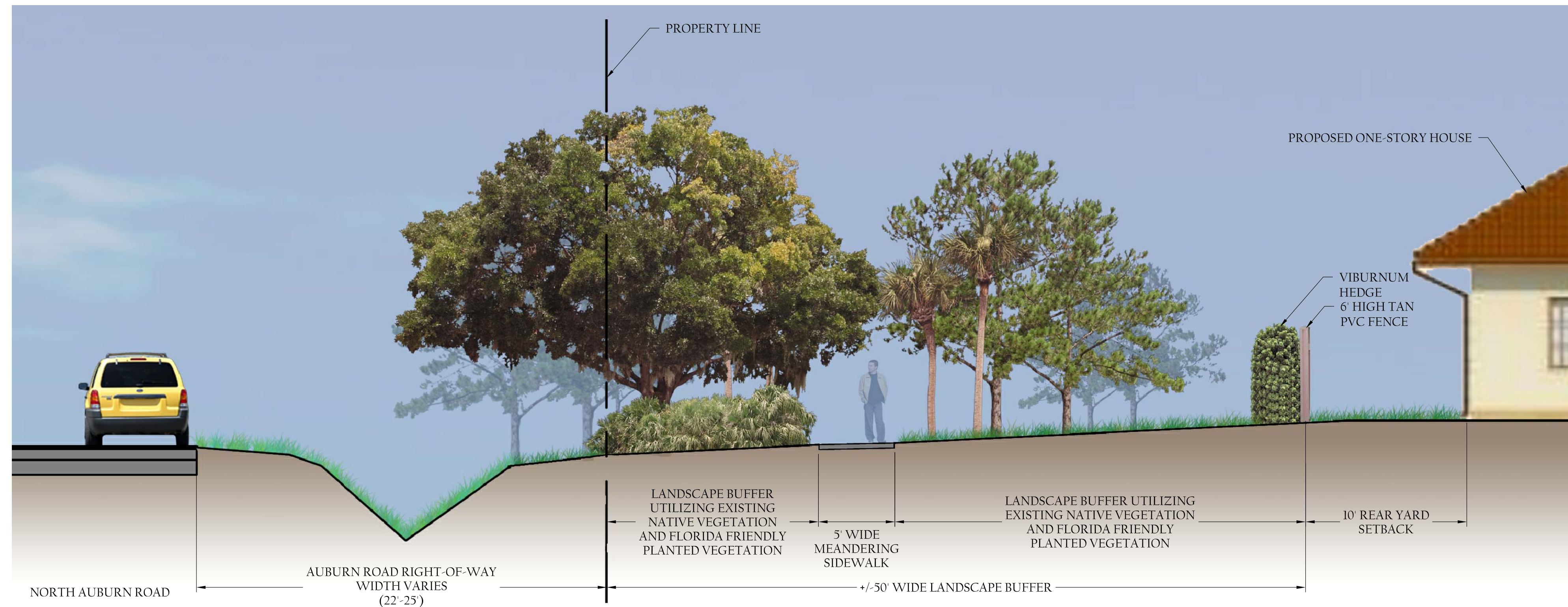


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R2	REVISED PER SITE PLAN CHANGES	7-2-18
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R4		
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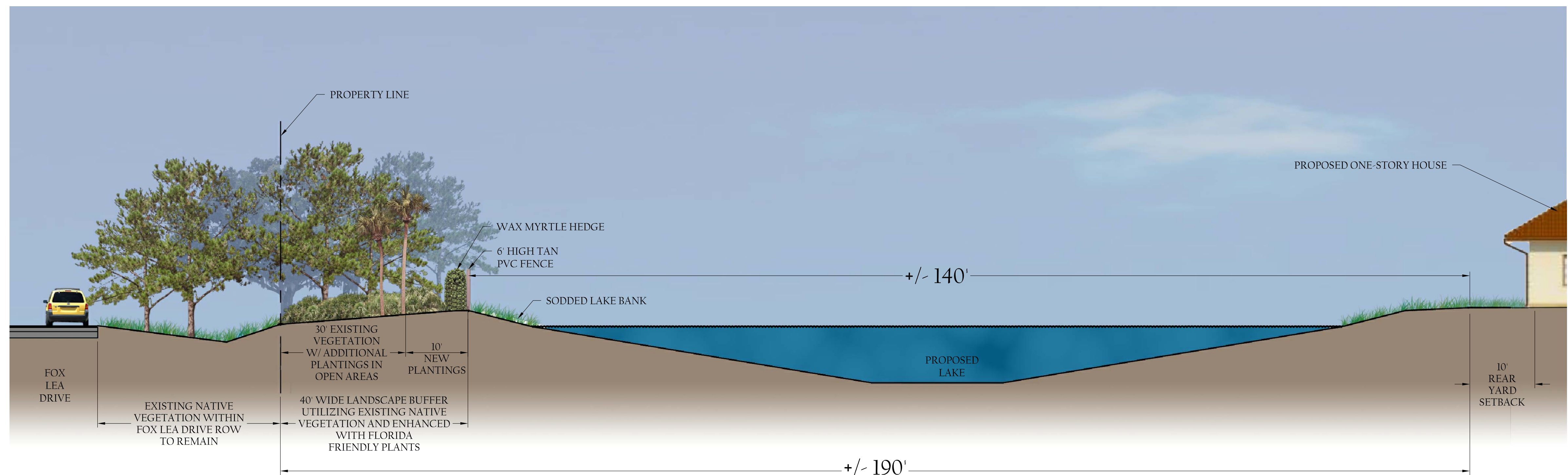
LANDSCAPE
PLAN

LA-06



NORTH AUBURN ROAD LANDSCAPE BUFFER SECTION

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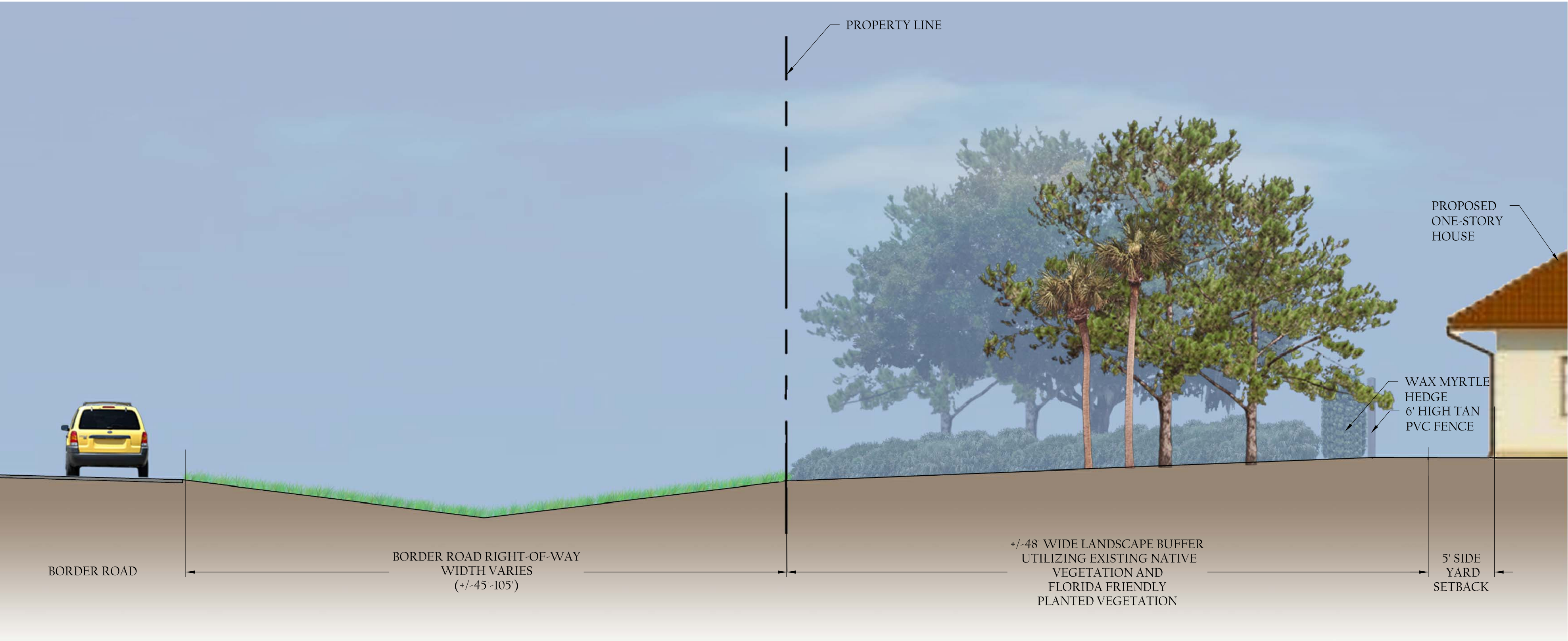
FOX LEA DRIVE LANDSCAPE BUFFER SECTION

NTS

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R6		

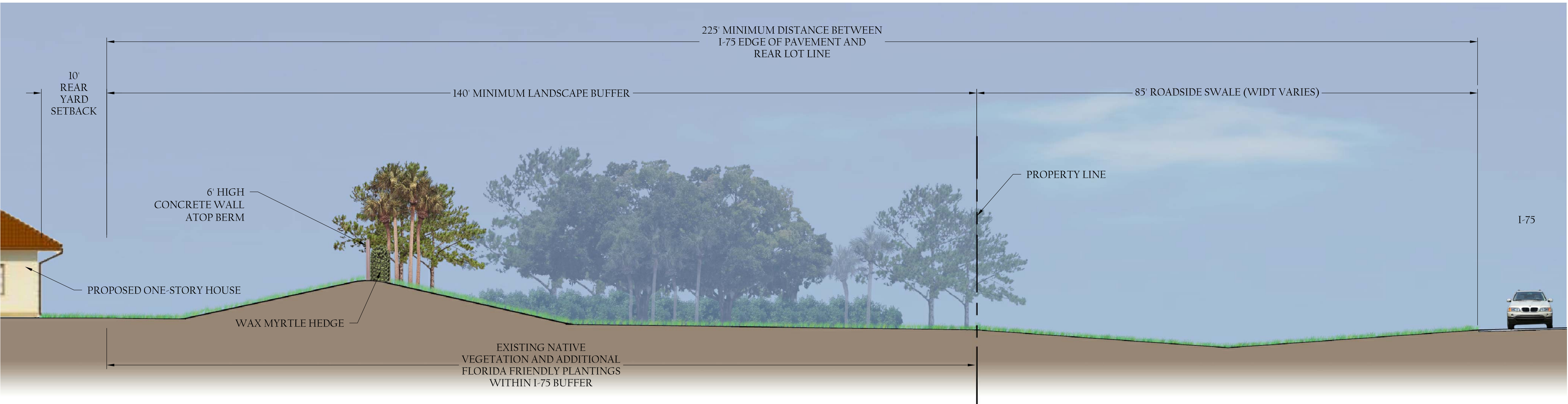
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BORDER ROAD LANDSCAPE BUFFER SECTION

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INTERSTATE 75 LANDSCAPE BUFFER SECTION

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LANDSCAPE
BUFFER
EXHIBITS

LA-08

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