

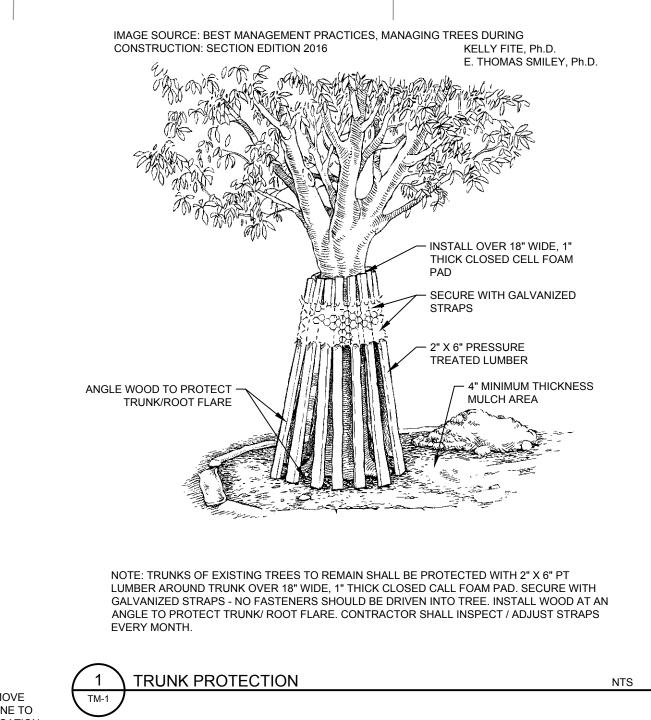
TREE PRESERVATION CREDITS									
EXISTING TREE SIZE (DBH)	TOTAL QUANTITY TREES PRESERVED	TOTAL DBH INCHES PRESERVED	PRESERVATION CREDIT RATIO (DBH)	TOTAL PRESERVATION CREDIT (DBH)					
24"+	4	142	2:1	284					

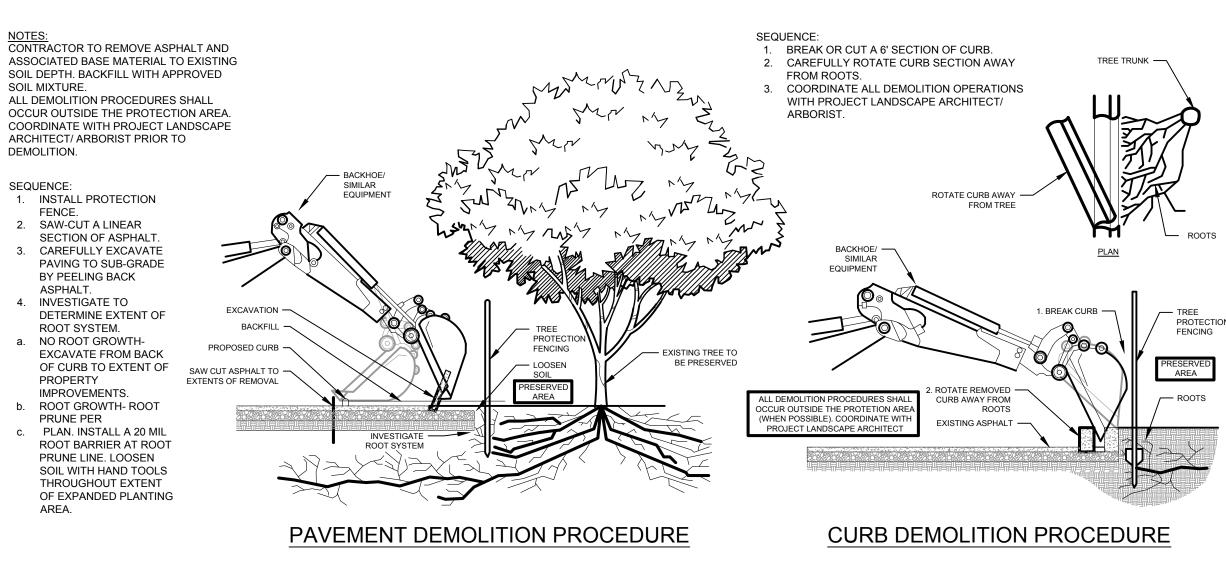
	TREE IV	IITIGATION REQ	UIREMENTS					
TOTAL PROJECT AREA (ACRES)	TOTAL INCHES REQUIRED FOR PROJECT AREA	TOTAL PRESERVATION CREDITS	TOTAL REMAINING INCHES REQUIRED	TOTAL INCHE				
28.1	40" / ACRE = 1,124"	284	840	*849				
* REFER TO SHEET L-1 FOR LANDSCAPE CALCULATIONS								

NOTES:

1. SEE SHEET TM-9 FOR TREE MITIGATION SPECIFICATIONS AND DETAILS.

- 2. SEE SHEET TM-10 FOR TREE DATA TABLES.
- 3. DAMAGE TO PROTECTION BARRIERS AND ENCROACHMENTS INTO THE TPZ WILL BE SUBJECT TO SUBSECTION 118-5(C), AND ARTICLE VII SIGNS, SHALL BE POSTED AT 50-FOOT INTERVALS FOR SINGLE TREES THAT CLEARLY STATE POTENTIAL FINES AND "TREE PROTECTION AREA, KEEP OUT".





2 PAVEMENT DEMOLITION PROCEDURE

DEMOLITION.

SEQUENCE:

FENCE. 2. SAW-CUT A LINEAR

ASPHALT.

4. INVESTIGATE TO

ROOT SYSTEM.

a. NO ROOT GROWTH-

IMPROVEMENTS.

PRUNE PER

BY PEELING BACK

AFTER COMPLETION OF VERTICAL CONSTRUCTION, CONTRACTOR TO REMOVE MULCH LAYER AND AIRSPADE ROOT ZONE TO EXTENTS SHOWN. REFER TO TREE MITIGATION SPECIFICATIONS, SHEET TM-9. WOODEN BATTENS

TREE PROTECTION FENCING \_\_\_\_\_ RP \_\_\_\_ LIMITS OF ROOT PRUNING APPROXIMATE LIMITS OF CANOPY PRUNING

HERITAGE TREE TO BE PRESERVED

PROTECTED TREE TO BE PRESERVED

PROTECTED TREE TO BE REMOVED

PALM TO BE REMOVED

PALM TO BE PRESERVED

(EXCLUDED)

OFF-SITE TREE TO BE PRESERVED

OFF-SITE TREE TO BE REMOVED

6" THICK MULCH AREA FOR ROOT PROTECTION DURING CONSTRUCTION

> 40 80 CALL 2 WORKING DAYS

BEFORE YOU DIG IT'S THE LAW! Know what's **below**. Call before you dig.

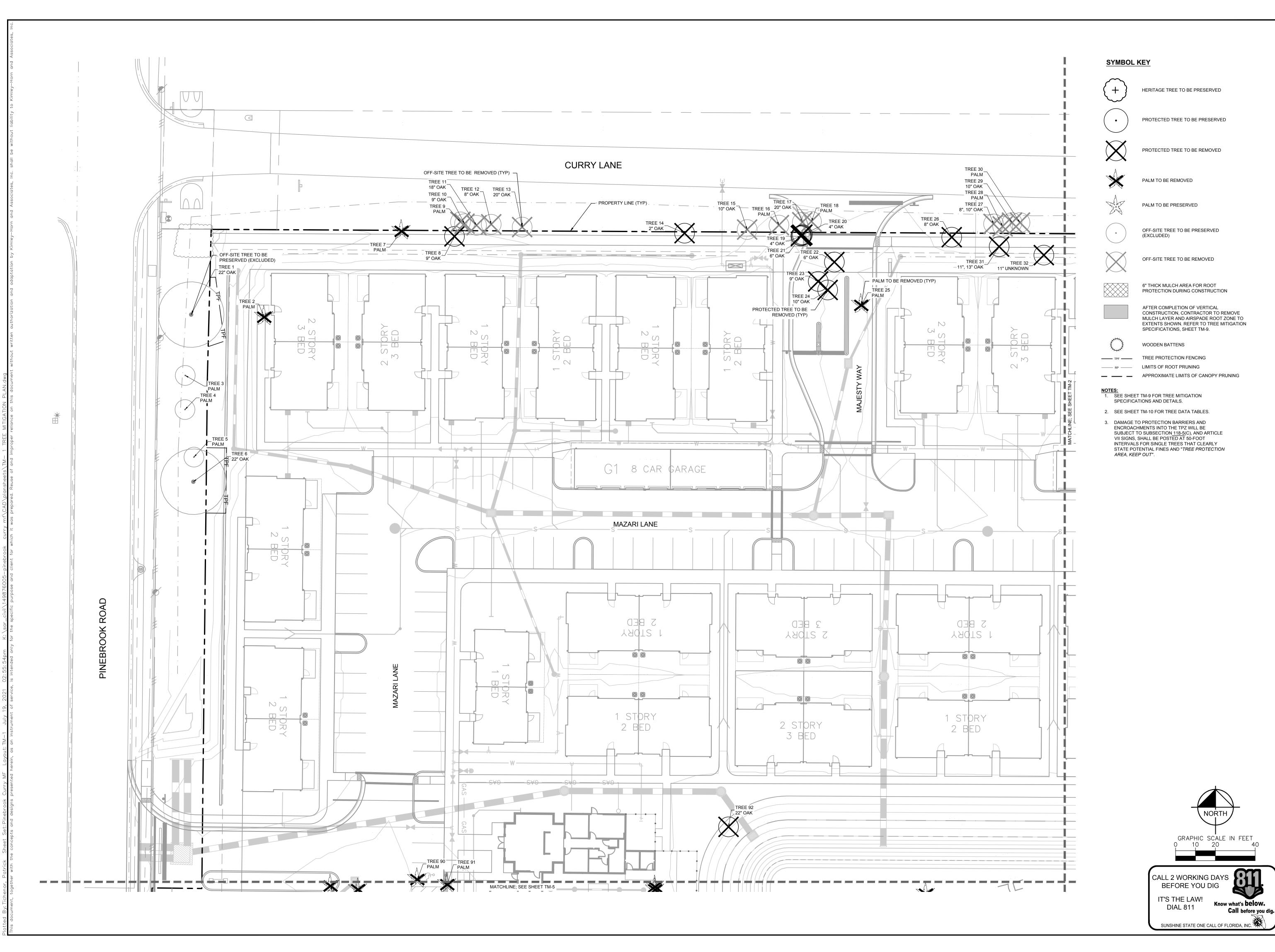
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

SHEET NUMBER

MIT PLA

VENICE

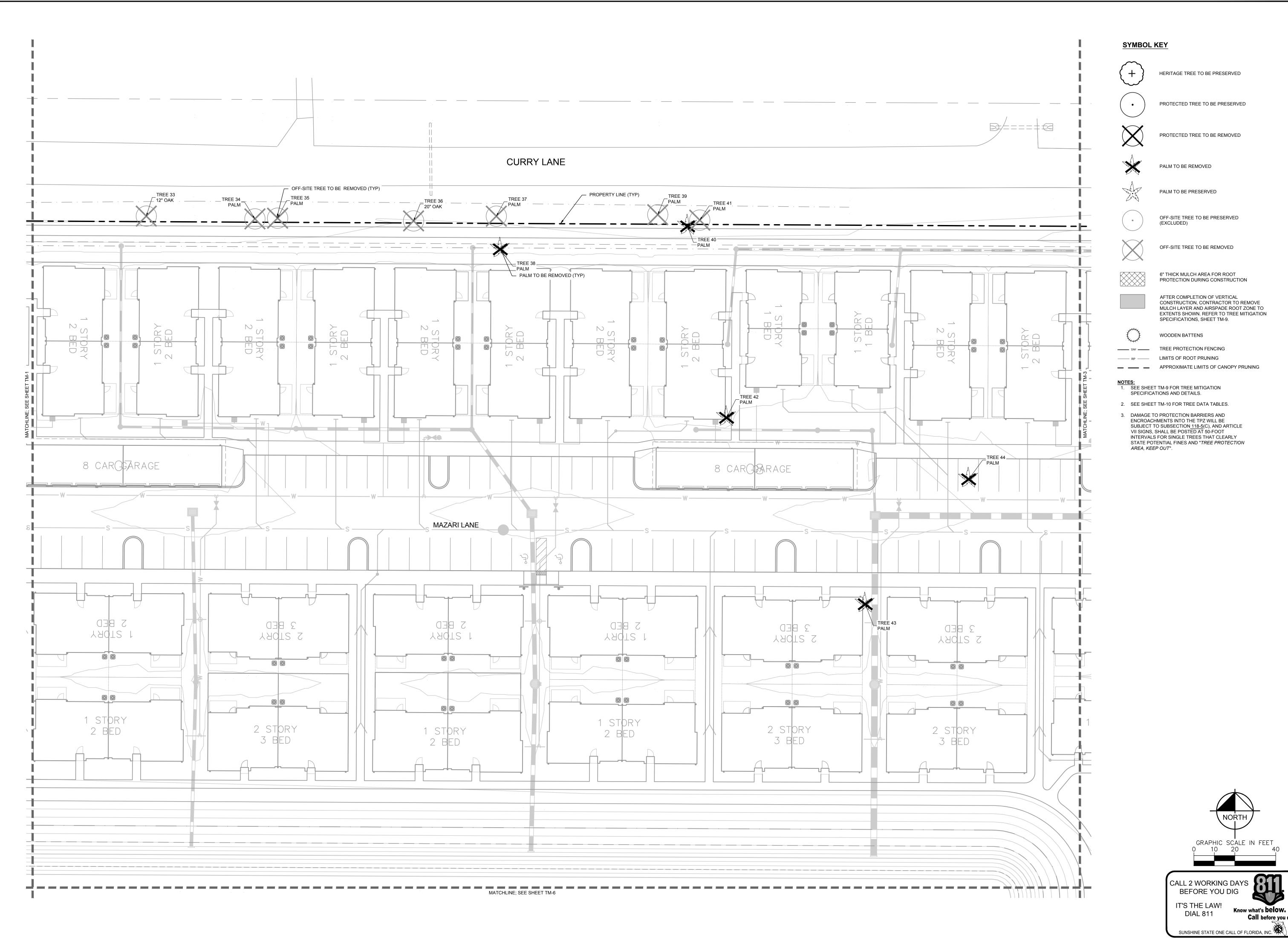
TERMARK



MITIGATION PLAN

TREE

WATERMARK AT VENICE
PREPARED FOR
THOMPSON THRIFT
DEVELOMENT, LLC



6" THICK MULCH AREA FOR ROOT

CONSTRUCTION, CONTRACTOR TO REMOVE MULCH LAYER AND AIRSPADE ROOT ZONE TO EXTENTS SHOWN. REFER TO TREE MITIGATION

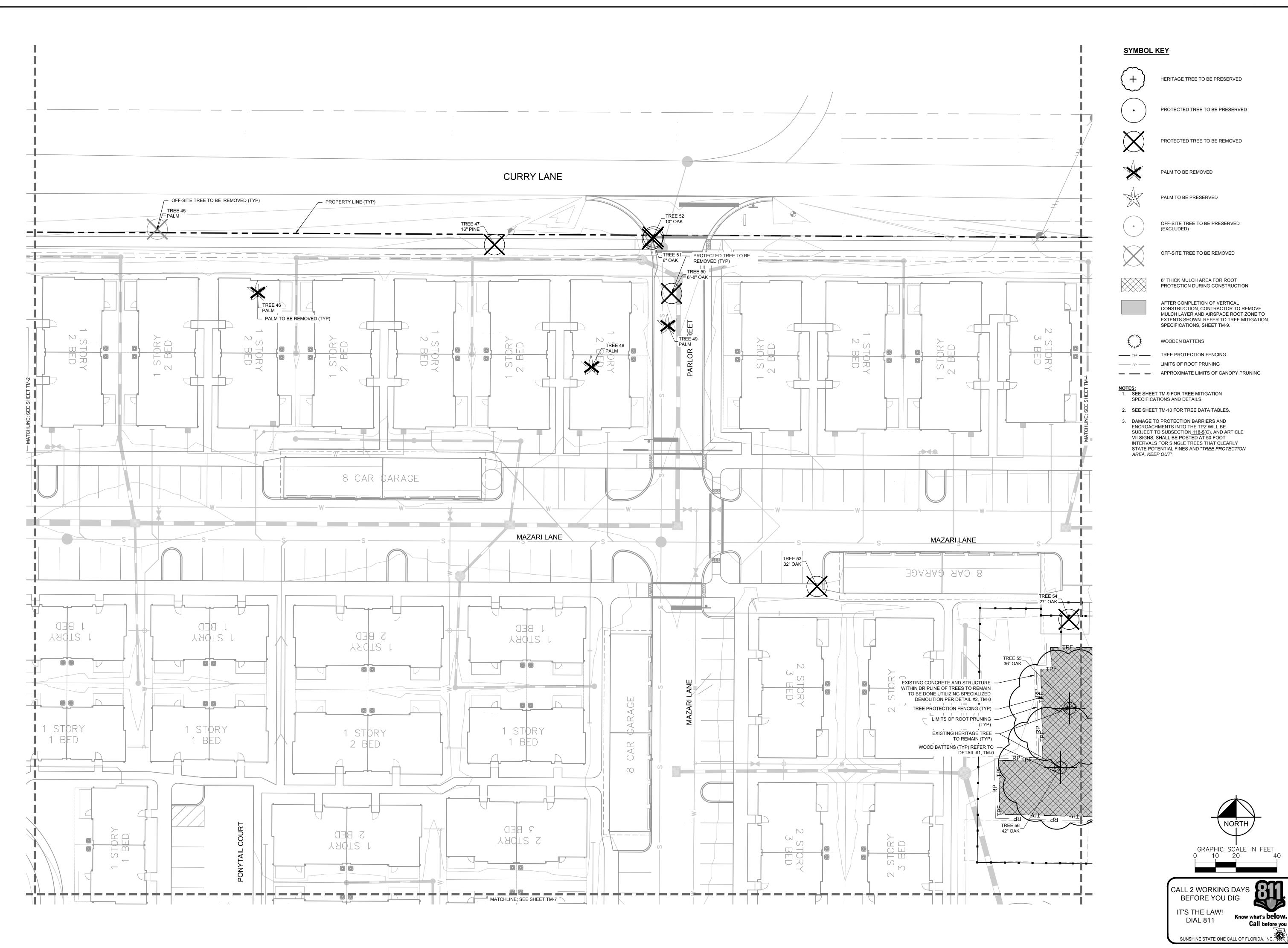
APPROXIMATE LIMITS OF CANOPY PRUNING

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MITIGATION PLAN TREE

WATERMARK AT VENICE
PREPARED FOR
THOMPSON THRIFT
DEVELOMENT, LLC

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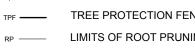
HERITAGE TREE TO BE PRESERVED

PROTECTED TREE TO BE PRESERVED

PROTECTED TREE TO BE REMOVED

OFF-SITE TREE TO BE PRESERVED

AFTER COMPLETION OF VERTICAL CONSTRUCTION, CONTRACTOR TO REMOVE



APPROXIMATE LIMITS OF CANOPY PRUNING

SPECIFICATIONS AND DETAILS.

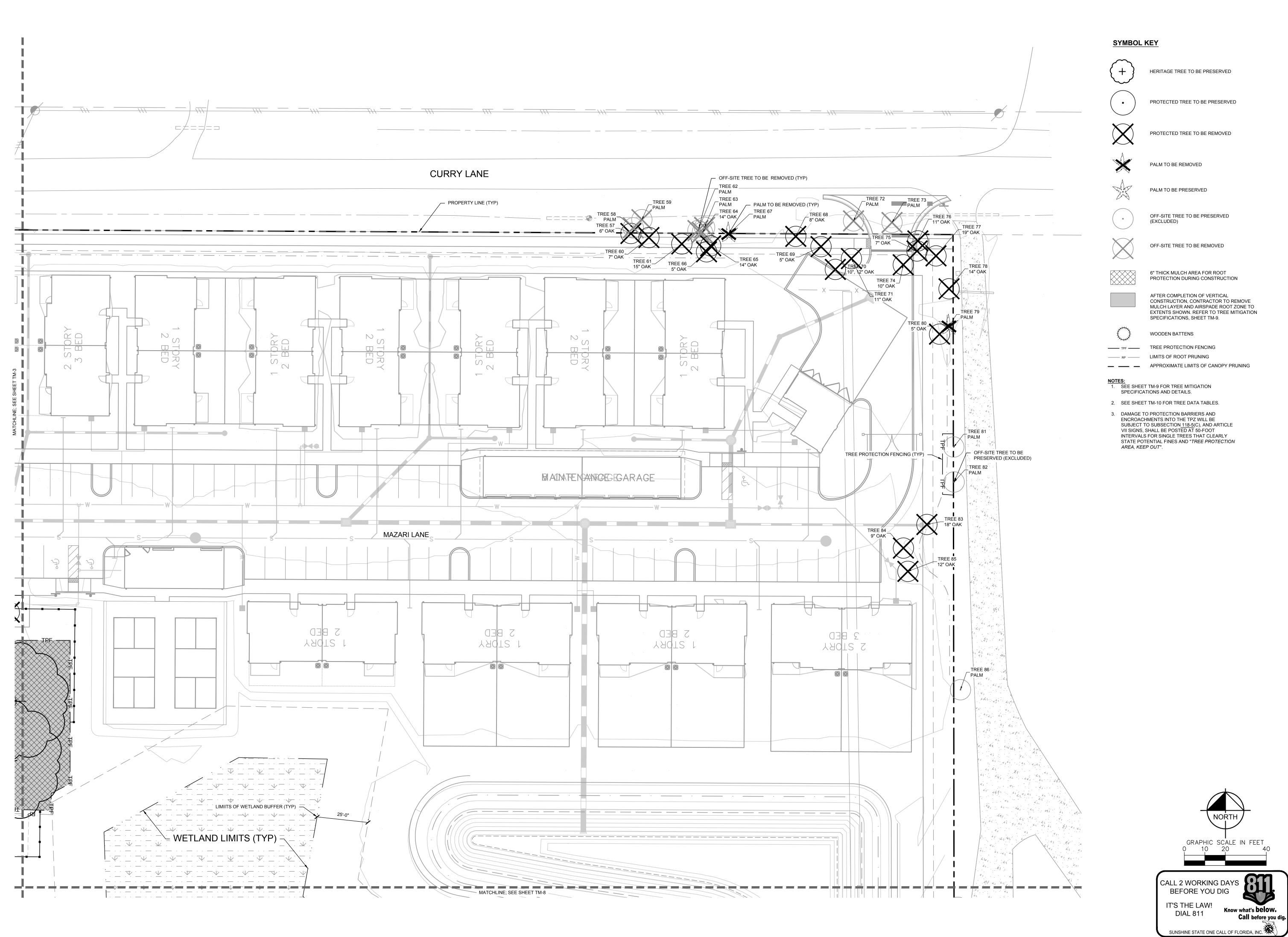
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MITIG/ PLAN

TREE

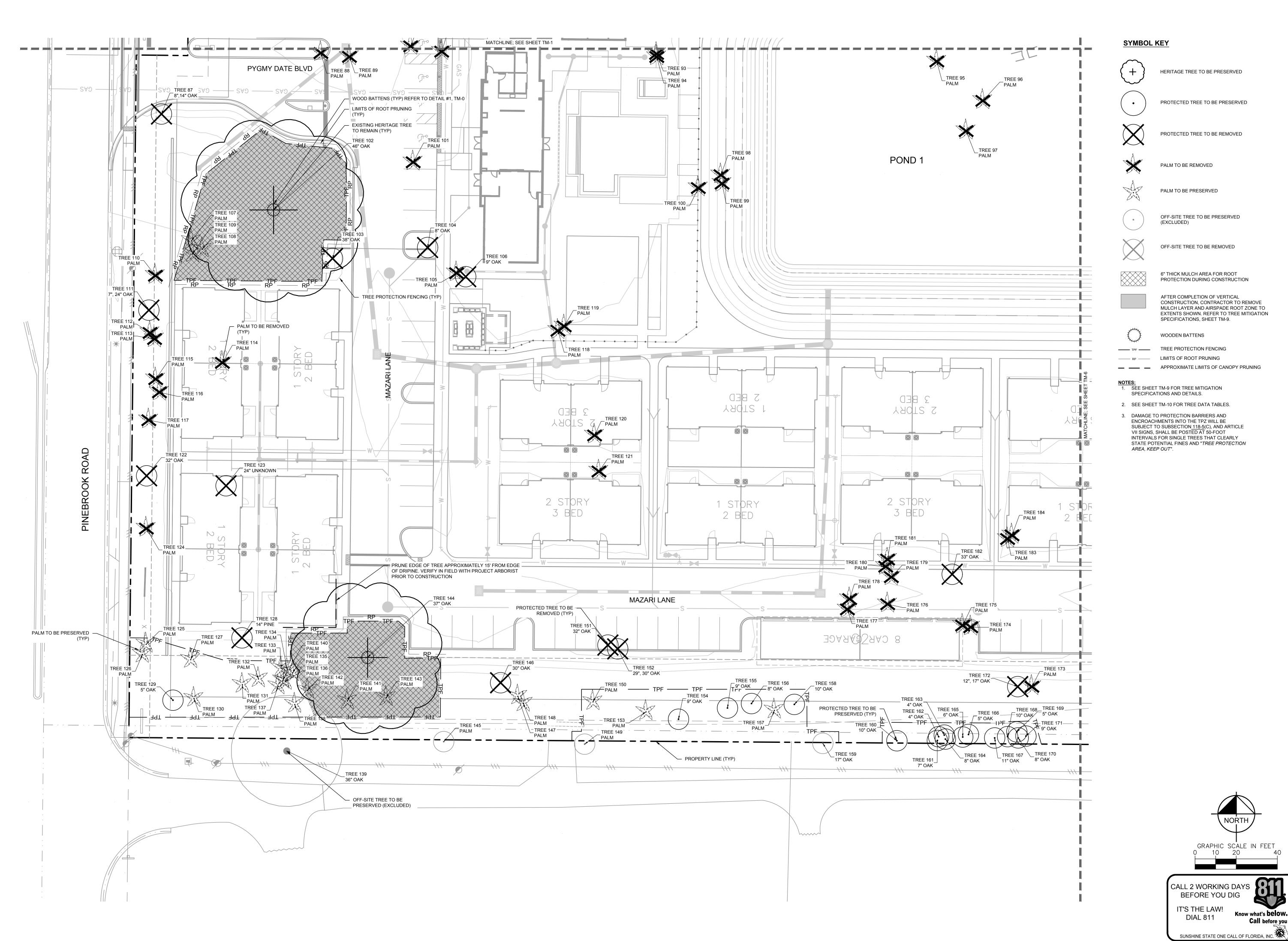
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PROTECTED TREE TO BE PRESERVED

OFF-SITE TREE TO BE PRESERVED

EXTENTS SHOWN. REFER TO TREE MITIGATION SPECIFICATIONS, SHEET TM-9.

APPROXIMATE LIMITS OF CANOPY PRUNING

2. SEE SHEET TM-10 FOR TREE DATA TABLES.

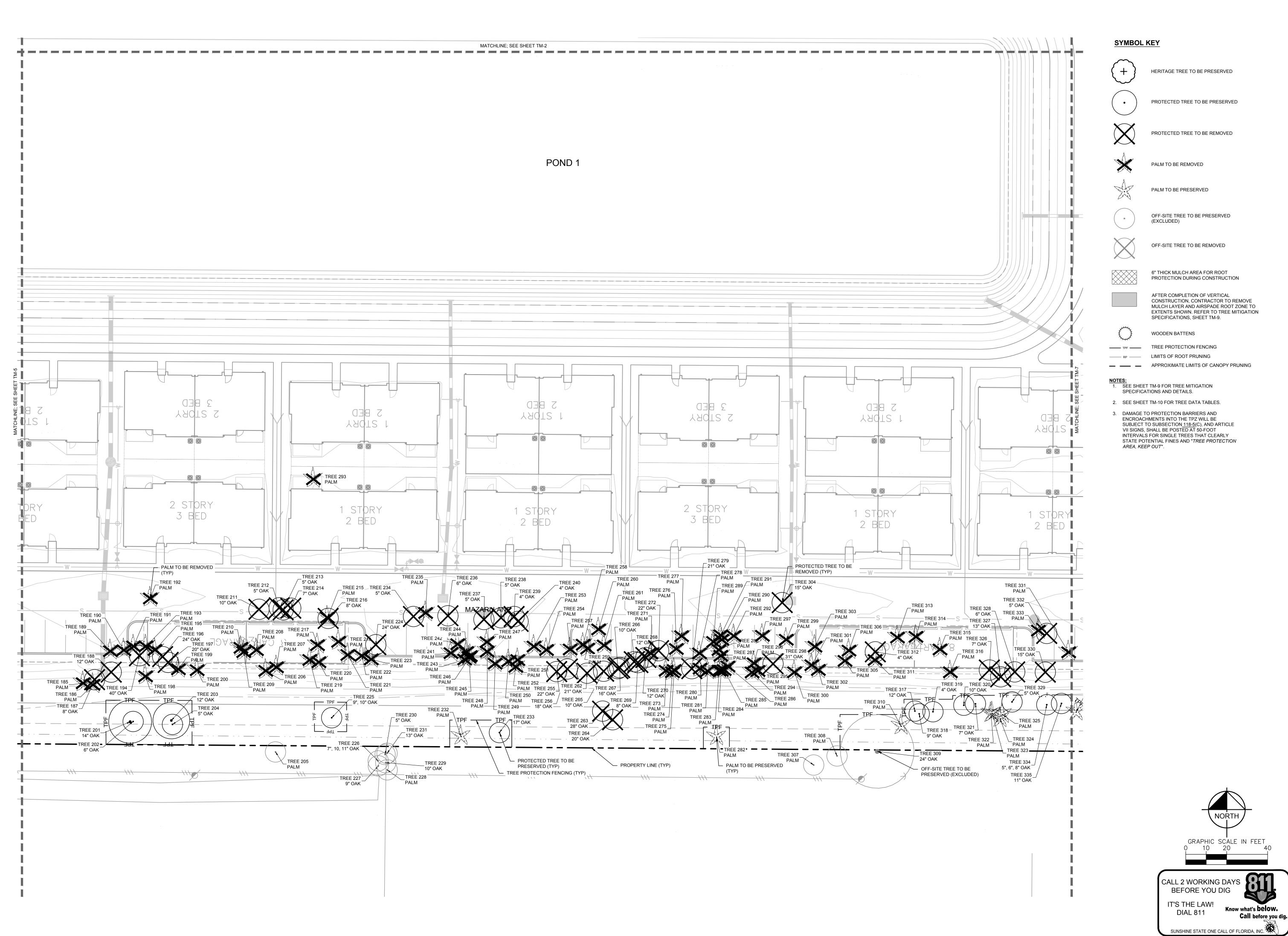
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MITIGATION PLAN

VENICE WATERMARK AT VI PREPARED FOR THOMPSON THR DEVELOMENT, L

Know what's **below.**Call before you dig.



CONSTRUCTION, CONTRACTOR TO REMOVE MULCH LAYER AND AIRSPADE ROOT ZONE TO

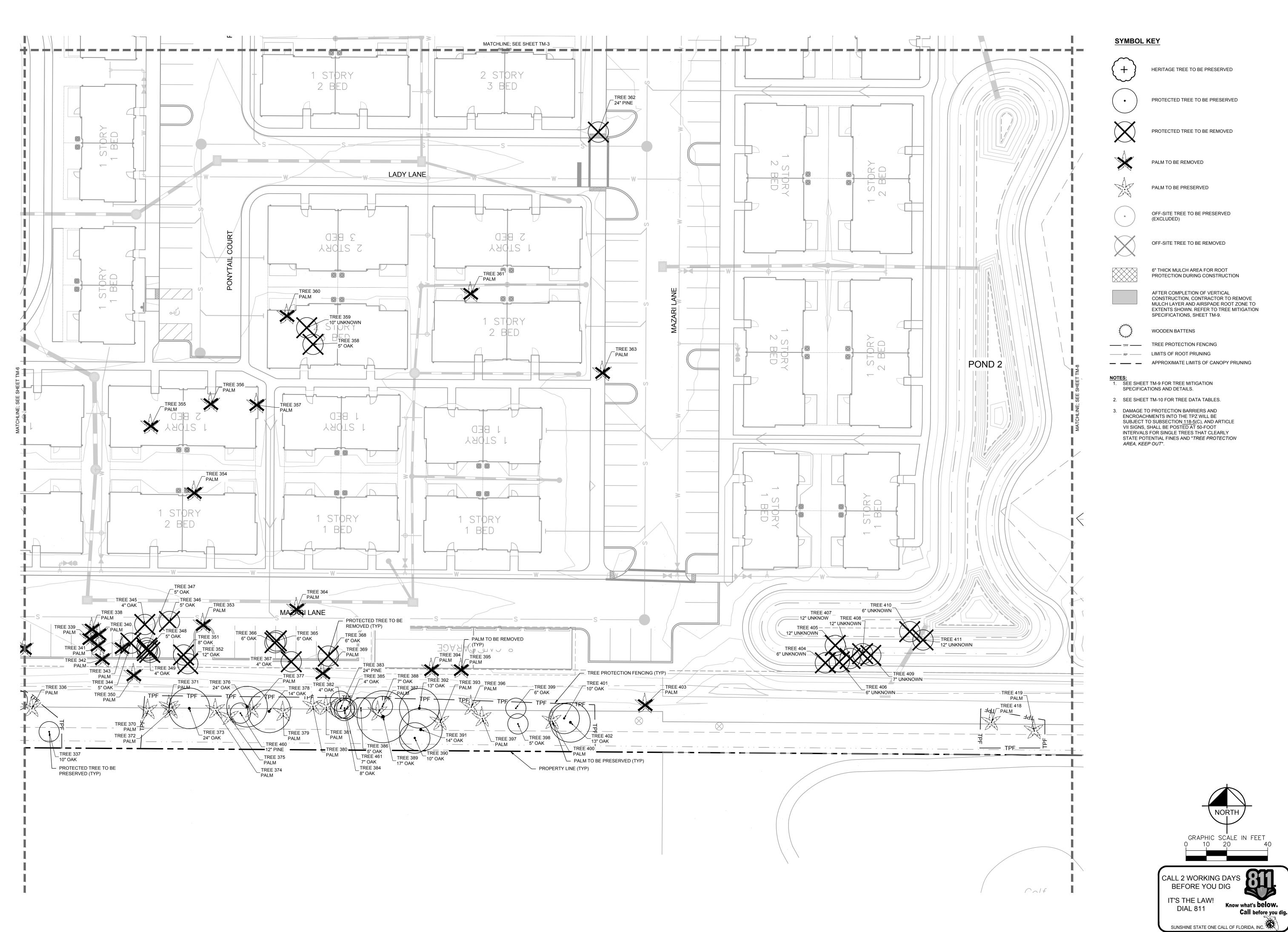
APPROXIMATE LIMITS OF CANOPY PRUNING

SUBJECT TO SUBSECTION 118-5(C), AND ARTICLE INTERVALS FOR SINGLE TREES THAT CLEARLY STATE POTENTIAL FINES AND "TREE PROTECTION

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MITIGATION

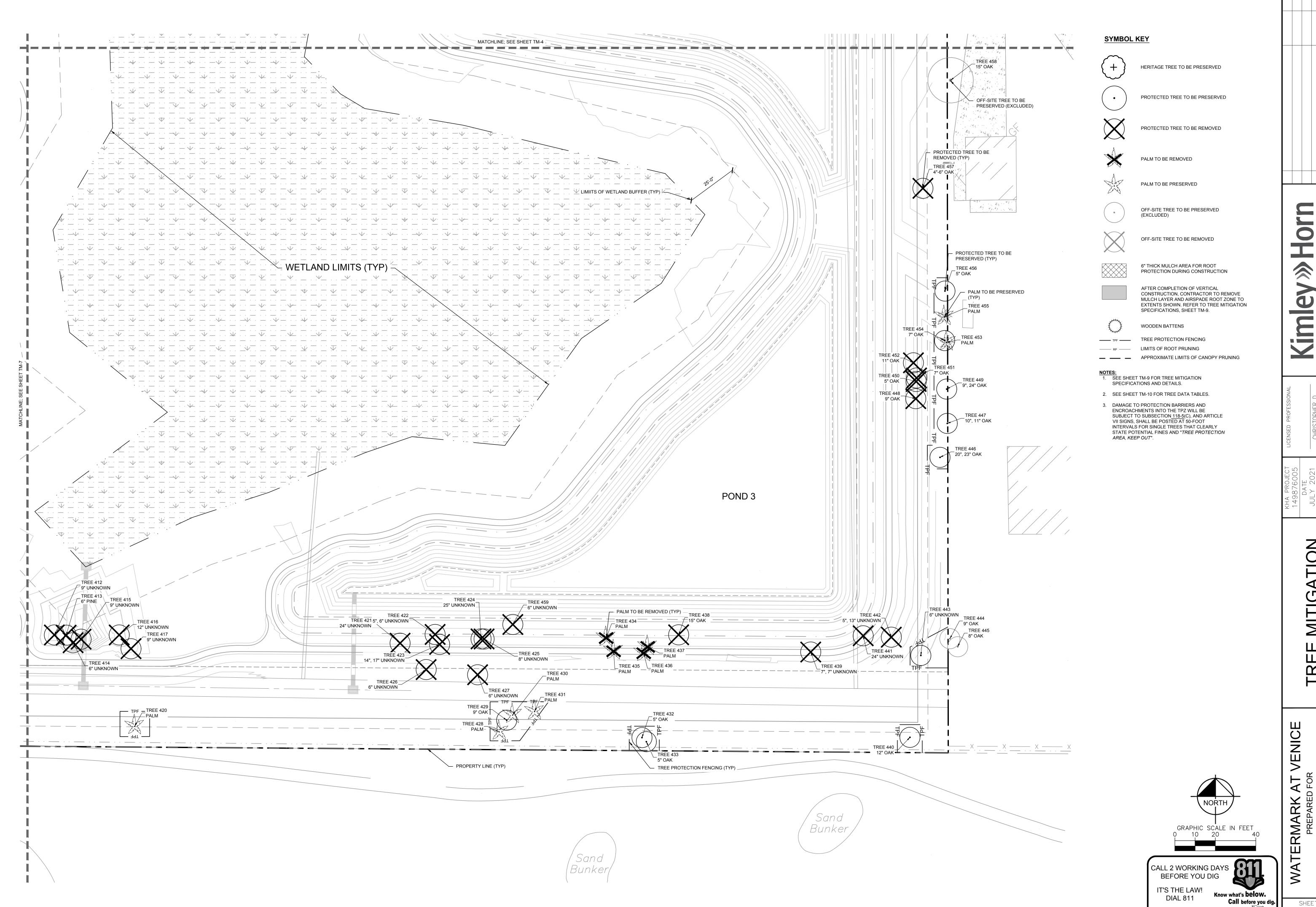
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DEVELOMENT, LLC



CONSTRUCTION, CONTRACTOR TO REMOVE MULCH LAYER AND AIRSPADE ROOT ZONE TO

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VENICE

WATERMARK AT
PREPARED FOR

SHEET NUMBER 8-MT

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

REASONABLE TIME FRAME, DETER SOIL DISTURBANCE

#### A. GENERAL

- CONTRACTOR SHALL ADHEAR TO ALL TREE PROTECTION REQUIREMENTS LISTED IN THESE SPECIFICATIONS AND/OR THOSE LISTED
  IN THE CITY OR COUNTY ZONNING CODE, TREE PROTECTION (LATEST EDITION). WHICHEVER IS MORE STRINGENT SHALL APPLY.
- . CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION PROCEDURES WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORK.
- 3. ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATION MATERIAL THAT WILL, WITHIN A
- 4. NO SIGNS, BUILDING PERMITS, WIRES OR OTHER ATTACHMENTS OF ANY KIND SHALL BE ATTACHED TO ANY TREE OR PALM. GUY WIRES DESIGNED TO PROTECT TREES ARE EXCLUDED FROM THIS PROHIBITION.
- 5. EXISTING TREE LOCATIONS AND SIZES ARE ESTIMATES AND ARE BASED ON A SURVEY PROVIDED BY THE OWNER SELECTED
- 6. CONTRACTOR SHALL COORDINATE TREE REMOVAL WITH PERMITTING AGENCY AND PROJECT ARBORIST PRIOR TO CONSTRUCTION. NO PERSON MAY REMOVE OR CAUSE TO BE REMOVED ANY PROTECTED TREE OR PALM WITHOUT FIRST HAVING PROCURED A PERMIT AS PROVIDED BY THE APPROPRIATE PERMITTING AGENCY.
- FOR PROTECTED TREES OR PALMS BEING REMOVED, THE CONTRACTOR MUST GIVE THE PERMITTING AGENCY REASONABLE OPPORTUNITY TO RELOCATE TREES DESIGNATED FOR REMOVAL TO ANOTHER SITE AT THE PERMITTING AGENCY'S EXPENSE.
- 8. CONTRACTOR IS RESPONSIBLE FOR POSSESSING ALL REQUIRED APPLICATOR LICENSES, BUSINESS REGISTRATIONS AND INSURANCE, PESTICIDE LABELS, AND MATERIAL DATA SAFETY SHEETS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR HAVING ALL SPILL CONTAINMENT MATERIALS AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT FOR PESTICIDE APPLICATIONS AND ACCIDENTAL SPILLS ON SITE AT ALL TIMES. THE OWNER RESERVES THE RIGHT TO INSPECT EACH APPLICATOR AND HAVE THESE MATERIALS PRESENTED BEFORE AND DURING ANY PESTICIDE TREATMENT.
- 9. WHERE TRAFFIC AREAS ARE PROPOSED WITHIN THE DRIP LINE OF PROTECTED TREES AND LESS THAN FOUR (4) INCHES OF GRADE CHANGE ARE PROPOSED, PERMEABLE SURFACES THAT ALLOW AIR AND WATER INTO THE SOIL SHOULD BE USED IN LIEU OF ASPHALT OR OTHER SUCH IMPERVIOUS SURFACES.
- 10. TREE WELLS OF AN APPROVED DESIGN SHALL BE CONSTRUCTED AROUND ALL TREES TO BE PRESERVED WHEN MORE THAN FOUR INCHES OF FILL IS TO BE DEPOSITED WITHIN THE DRIP LINE AREA OF THOSE TREES. COORDINATE WITH PROJECT ARBORIST.
- 11. THE SEQUENCE OF TREE MITIGATION AND PRESERVATION MEASURES IS IMPERATIVE TO THE HEALTH AND SURVIVABILITY OF THE SUBJECT TREES AND SHALL BE COORDINATED WITH THE OWNER SELECTED PROJECT ARBORIST. THE DESIRED SEQUENCE IS
  - a. TREE PROTECTION FENCING.
- b. ROOT PRUNING AND ROOT BARRIERS.
- c. CLEARING.
- d. TREE CANOPY PRUNING.
- e. FERTILIZATION.
- f. INSECTICIDE.
- g. IRRIGATION.

#### B. TREE PROTECTION FENCING

- 1. PRIOR TO THE ERECTION OF ANY TREE PROTECTION FENCING, ALL FOREIGN SURFACE MATERIAL, TRASH OR DEBRIS SHALL BE REMOVED FROM THE AREA TO BE ENCLOSED BY THE FENCING. AFTER ERECTION OF THE FENCING NO SUCH MATERIAL OR LITTER SHALL BE PERMITTED TO REMAIN WITHIN THE PROTECTED AREA.
- 2. TREE PROTECTION FENCING SHALL BE PLACED AROUND ALL PROTECTED TREES TO CREATE A PROTECTIVE ROOT ZONE AND SHALL REMAIN IN PLACE UNTIL SITE CLEARING, LAND ALTERATION, AND CONSTRUCTION ACTIVITIES ARE COMPLETE.
- 3. NATIVE GROUND COVER AND UNDERSTORY VEGETATION EXISTING WITHIN THE PROTECTED AREA SHALL REMAIN THROUGHOUT CONSTRUCTION. OTHER DESIGNATED VEGETATION AND INVASIVE PLANT SPECIES SHALL BE REMOVED ONLY BY MANUAL LABOR UTILIZING HAND TOOLS, OR BY OTHER METHODS APPROVED BY THE PROJECT ARBORIST.
- TREE PROTECTION FENCING TYPES AND LOCATIONS SHALL BE ERECTED AS SHOWN ON THE TREE MITIGATION PLANS AND DETAILS, OR AS REQUESTED BY LOCAL AGENCY.
- 5. FINAL LOCATIONS SHALL BE COORDINATED WITH AND APPROVED BY THE PROJECT ARBORIST.
- 8. NO MATERIALS, EQUIPMENT, SPOIL, WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN 20 FEET OF
- 7. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
- 8. CONSTRUCTION ACTIVITY SHALL NOT DESTROY OR IRREVERSIBLY HARM THE ROOT SYSTEM OF PROTECTED TREES. POST HOLES AND TRENCHES LOCATED CLOSE TO PROTECTED TREES SHALL BE ADJUSTED TO AVOID DAMAGE TO MAJOR ROOTS.
- 9. DO NOT INSTALL CONDUIT, DRAIN OR IRRIGATION LINES, OR ANY UTILITY LINE WITHIN THE TREE PROTECTION ZONE WITHOUT THE APPROVAL OF THE PROJECT ARBORIST. IF LINES MUST TRAVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
- 10. CONTRACTOR'S ACCESS TO FENCED TREE PROTECTION AREAS WILL BE PERMITTED ONLY WITH APPROVAL OF THE PROJECT ARRORIST
- 11. EXCAVATION OR GRADING REQUIRED WITHIN THE PROTECTED AREA SHALL BE LIMITED TO THREE (3) INCHES OF CUT OR FILL. COORDINATE WITH PROJECT ARRORIST
- 12. STRUCTURES AND UNDERGROUND FEATURES TO BE REMOVED WITHIN THE TREE PROTECTION ZONE SHALL BE COORDINATED WITH THE PROJECT ARBORIST.
- 13. TREE PROTECTION FENCING AROUND TREES TO BE RELOCATED SHALL BE ERECTED UNTIL THE TREE IS READY TO BE RELOCATED AND NEW FENCING SHALL BE ERECTED AT THE TREES NEW LOCATION AND WILL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITIES ARE COMPLETE.
- 14. IF ANY DAMAGE TO TREE PROTECTION FENCING SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATE REPAIRS.
- 15. IF TEMPORARY HAUL OR ACCESS ROADS MUST PASS OVER THE PROTECTED AREA OF TREES TO BE PRESERVED, A ROAD BED OF SIX (6) INCHES OF MULCH OR GRAVEL SHALL BE CREATED TO PROTECT THE SOIL. THE ROAD BED MATERIAL SHALL BE REPLENISHED AS NECESSARY TO MAINTAIN A SIX (6) INCH ROAD BED AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL SUCH MATERIALS FROM THE SITE AS SOON AS TEMPORARY ACCESS IS NO LONGER NECESSARY.
- 16. CONTRACTOR SHALL COORDINATE WITH THE PROJECT ARBORIST PRIOR TO THE REMOVAL OF ALL TREE PROTECTION FENCING.

# C. ROOT PRUNING/TRENCHING

- 1. TRENCHING LOCATIONS SHALL BE APPROVED IN THE FIELD BY THE PROJECT ARBORIST.
- TRENCHING EQUIPMENT THAT WILL TURN AT HIGH RPM'S IS PREFERRED, AND SHALL BE APPROVED BY THE PROJECT ARBORIST APPROVED EQUIPMENT WILL BE USED TO PERFORM ALL ROOT PRUNING OPERATIONS. A MINIMUM DEPTH OF THREE FEET IS REQUIRED.
- 3. INSTALL ROOT BARRIER WHERE DESIGNATED. SEE TREE MITIGATION PLAN AND DETAIL SHEETS.
- THE TRENCH SHALL BE BACKFILLED WITH PREVIOUSLY EXCAVATED SOIL AND COMPACTED IMMEDIATELY.
   TREES TO BE RELOCATED SHALL BE ROOT PRUNED A MINIMUM OF TWELVE (12) WEEKS PRIOR TO TREE RELOCATION.
- 6. WHEN THE TREE ROOT ZONE WILL BE DISTURBED, AFFECTED ROOTS MUST BE SEVERED BY CLEAN PRUNING CUTS AT THE POINT
- 6. WHEN THE TREE ROOT ZONE WILL BE DISTURBED, AFFECTED ROOTS MUST BE SEVERED BY CLEAN PRUNING CUTS AT THE POINT WHERE CONSTRUCTION IMPACTS THE ROOTS.

# D. CLEARING

- ANY BRUSH CLEARING REQUIRED WITHIN THE TREE PROTECTION ZONE SHALL BE ACCOMPLISHED WITH HAND-OPERATED EQUIPMENT.
- 2. CONTRACTOR SHALL CLEAR ALL TREE PROTECTION AREAS OF VINES, SHRUBS, GROUND COVERS, WEEDS, SAPLINGS, AND INVASIVES LISTED ON THE LATEST EDITION OF THE FLORIDA EXOTIC PEST PLANT COUNCIL'S LIST OF INVASIVE SPECIES.
- 3. PROJECT ARBORIST MUST APPROVE METHODS OTHER THAN HAND CLEARING.

- 4. A TWO (2) INCH LAYER OF MULCH SHALL BE APPLIED OVER THE SURFACE OF EXPOSED ROOTS OF PROTECTED TREES DURING THE SITE CLEARING PHASE.
- TREE CANOPY PRUNING

1. CONTRACTOR SHALL VISIT THE SITE WITH THE PROJECT ARBORIST TO VERIFY THE EXTENT OF REQUIRED PRUNING.

- TREE PRUNING SPECIFICATIONS SHALL BE DEFINED BASED ON SPECIFIC RECOMMENDATIONS OF THE PROJECT ARBORIST. INFORMATION PRESENTED BELOW SHOULD BE USED AS A GUIDELINE.
- 2. ALL PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS OF A QUALIFIED INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST OR AN AMERICAN SOCIETY OF CONSULTING ARBORISTS (ASCA) REGISTERED
- 3. AT LEAST ONE MEMBER OF THE PRUNING CREW SHALL BE AN ISA CERTIFIED ARBORIST.
- WHILE IN THE TREE, THE ARBORIST SHALL PERFORM AN AERIAL INSPECTION TO IDENTIFY DEFECTS THAT REQUIRE TREATMENT. ANY ADDITIONAL WORK NEEDED SHALL BE REPORTED TO THE OWNER.
- 5. PRUNING CUTS SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE ANSI A300 PRUNING STANDARD (AMERICAN NATIONAL STANDARD FOR TREE CARE OPERATIONS) AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI Z133.1 SAFETY STANDARD. PRUNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ISA'S "BEST MANAGEMENT PRACTICES: TREE PRUNING".
- 6. WHERE TEMPORARY CLEARANCE IS NEEDED FOR ACCESS, BRANCHES SHALL BE TIED BACK TO HOLD THEM OUT OF THE CLEARANCE ZONE.
- 7. NO MORE THAN 20 PERCENT OF LIVE FOLIAGE SHALL BE REMOVED WITHIN ANY TREE.
- 8. ALL TREES WITHIN THE PROJECT AREA SHALL BE PRUNED AS FOLLOWS:

DIAMETER OR AS DIRECTED BY THE PROJECT ARBORIST.

- a. LIVE BRANCH PRUNING SHOULD BE PERFORMED ONLY WHEN THE DANGER OF INSECT OR DISEASE INFESTATION IS NOT PRESENT.
- b. REMOVE STUBS, CUTTING OUTSIDE THE WOUND WOOD TISSUE THAT HAS FORMED AROUND THE BRANCH.
- c. CLEANING, FOR THE SELECTIVE REMOVAL OF DEAD, DISEASED, BROKEN, OR CROSSING BRANCHES DOWN TO ONE INCH IN
- d. PRUNING CUTS LARGER THAN 4 INCHES IN DIAMETER, EXCEPT FOR DEAD WOOD, SHALL BE AVOIDED.
- e. PRUNING CUTS THAT EXPOSE HEARTWOOD SHALL BE AVOIDED WHENEVER POSSIBLE.
- f. ALL TREES WITH CROWNS THAT PROJECT INTO PARKING LOT/ROADWAY AREAS SHALL BE RAISED TO 14 FEET ABOVE FINISHED GRADE.
- g. ALL TREES WITH CROWNS THAT PROJECT INTO SIDEWALK AREAS SHALL BE RAISED TO A HEIGHT OF 8 FEET ABOVE FINISHED GRADE.
- 9. TREES, WHO'S ROOT SYSTEMS WILL BE IMPACTED SHALL RECEIVE THE FOLLOWING PRUNING TO COMPENSATE FOR ROOT LOSS:
- a. THE LOCATION AND SIZE OF BRANCHES FOR REDUCTION SHALL BE DEFINED BY THE PROJECT ARBORIST.
- b. REDUCTION, OR THE SELECTIVE PRUNING TO REDUCE TREE HEIGHT OR SPREAD.
- c. REDUCE END WEIGHT ON HEAVY, HORIZONTAL BRANCHES BY SELECTIVELY REMOVING SMALL DIAMETER BRANCHES, NO
- GREATER THAN 2 TO 3 INCHES, NEAR THE ENDS OF SCAFFOLD BRANCHES.
- d. RAISING SHALL CONSIST OF SELECTIVE PRUNING TO PROVIDE VERTICAL CLEARANCE
- a. PRUNING SHALL BE LIMITED TO CLEANING.

10. PROPOSED/REPLACEMENT TREES

- 11. BRUSH SHALL BE CHIPPED AND SPREAD (ONLY WHEN DISEASE OR INSECT INFESTATION IS NOT PRESENT) UNDERNEATH TREES WITHIN THE TREE PROTECTION ZONE TO A MAXIMUM DEPTH OF THREE (3) INCHES, LEAVING THE TRUNK CLEAR OF MULCH.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EXCESS DEBRIS ON A DAILY BASIS.

# F. FERTILIZATION

- CONTRACTOR SHALL COORDINATE FERTILIZATION PLAN, FOLLOWING BEST MANAGEMENT PRACTICES WITH THE PROJECT ARBORIST PRIOR TO COMMENCEMENT OF WORK.
- 2. EVERY EFFORT SHALL BE MADE TO UTILIZE CHEMICALS OF AN ORGANIC OR BIODEGRADABLE NATURE IN ORDER TO OFFER THE LEAST IMPACT TO THE NATURAL ENVIRONMENT. CONTRACTOR IS RESPONSIBLE FOR MIXING, APPLYING, AND DISPOSAL OF ALL CHEMICALS IN ACCORDANCE WITH STRICT ADHERENCE TO MANUFACTURER'S SPECIFICATIONS. COORDINATE WITH PROJECT ARBORIST FOR FURTHER INSTRUCTION.
- 3. ONLY TREES AFFECTED BY CONSTRUCTION OR AS SHOWN ON THE TREE MITIGATION PLAN AND TREE INVENTORY SCHEDULE
- 4. TREES SPECIFIED TO RECEIVE FERTILIZER SHALL BE TREATED AS FOLLOWS.
- a. MIX FERTILIZER ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO A TANK WITH AGITATION CAPABILITY.
- b. MIX WETTING AGENT ACCORDING TO MANUFACTURER'S SPECIFICATIONS INTO SAME TANK WITH FERTILIZER. AGITATE MIX.
- c. INJECT THE MIXTURE WITH A HYDRAULIC INJECTION SYSTEM INTO THE UPPER 6-12 INCHES OF SOIL WITH A SOIL PROBE. INJECT AT THE RATE OF ONE THIRD (1/3) GALLON AT EACH INJECTION SITE.
- d. THE CRITICAL ROOT ZONE AREA PLUS 2' BEYOND THE CRITICAL ROOT ZONE SHALL BE INJECTED, BUT NOT BEYOND ROOT
- e. FERTILIZER SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF ANY AERATION SYSTEMS.
- f. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY THE PROJECT ARBORIST PRIOR TO DISPOSAL.
- 5. TRANSPLANT INOCULANT & BIOSTIMULANT.
  - a. CONTRACTOR SHALL PROVIDE MYCORRHIZAL TRANSPLANT INOCULANT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND AS RECOMMENDED BY THE PROJECT ARBORIST. MIX INOCULANT IN 10" WIDE TOPSOIL RING AROUND THE ROOT BALL.
  - b. CONTRACTOR SHALL PROVIDE INJECTABLE MYCORRHIZAL INOCULANT ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND AS RECOMMENDED BY THE PROJECT ARBORIST. AGITATE FOR 10 MINUTES.
  - c. INJECT THE MIXTURE WITH A HYDRAULIC INJECTION SYSTEM INTO THE UPPER 6-12 INCHES OF SOIL WITH A SOIL PROBE. INJECT AT THE RATE OF ONE THIRD (1/3) GALLON AT EACH INJECTION SITE.
  - d. EMPTY PRODUCT CONTAINERS SHALL BE STOCKPILED FOR INSPECTION BY PROJECT ARBORIST PRIOR TO DISPOSAL.
- TRANSPLANT MAINTENANCE
  - APPROXIMATELY ONE YEAR AFTER PLANTING, THE CONTRACTOR SHALL REFERTILIZE ALL TRANSPLANTS UTILIZING THE SAME PROCEDURES ABOVE.

# G. INSECTICIDE

- 1. NOTIFY PROJECT ARBORIST IF ANY INFESTATION IS NOTICED.
- 2. FOLLOW PROJECT ARBORIST'S RECOMMENDED PROCEDURES.
- 3. FOLLOW ALL MANUFACTURERS' RECOMMENDATIONS CONCERNING APPLICATION. READ ALL WARNING LABELS.
- ANY PETS, AS WELL AS, THE PETS FOOD AND WATER BOWLS SHOULD BE REMOVED FROM THE AREA AND ANY SWIMMING POOLS SHOULD BE COVERED. COORDINATE WITH PROJECT ARBORIST FOR FURTHER INSTRUCTION.
- 5. ENSURE COMPLETE COVERAGE AND REAPPLY 2-3 MONTHS AFTER INITIAL APPLICATION UTILIZING SAME PROCEDURE.

# H. IRRIGATION

- EVERY EFFORT SHALL BE MADE TO WATER THE PRESERVED TREES AND TRANSPLANTS. CONTRACTOR SHALL IRRIGATE BY HAND OR BY TEMPORARY IRRIGATION.
- IRRIGATE AS REQUIRED BY PROJECT ARBORIST UNTIL PERMANENT IRRIGATION IS INSTALLED AND OPERATING.

3. UNDERGROUND IRRIGATION SHALL NOT BE INSTALLED WITHIN THE DRIP LINES OF EXISTING TREES UNLESS ROOT PROTECTION MEASURES ARE PROVIDED AND APPROVED BY PROJECT ARBORIST.

#### TREE REMOVALS

- 1. PRIOR TO AND DURING LAND CLEARING, INCLUDING GRUBBING, ALL TREES TO BE REMOVED SHALL BE CLEARLY MARKED BY PROJECT ARBORIST WITH RED SURVEY RIBBONS AT 36 INCHES MINIMUM ABOVE GRADE.
- CONTRACTOR SHALL REMOVE ALL TREES AS SHOWN ON THE TREE MITIGATION PLANS AFTER THE TREE PROTECTION FENCING IS INSTALLED.
- 3. ALL TREES SHOWN TO BE REMOVED SHALL BE FELLED WITH A CHAIN SAW AND STUMP GROUND 6" BELOW SURFACE. ANY TREE SHOWN TO BE REMOVED THAT IS IN AN AREA WHERE COMPACTION IS CRITICAL SHALL BE FELLED WITH A CHAIN SAW AND STUMP
- REMOVED BY CONTRACTOR.

  4. ALL WOOD AND STUMPS FROM REMOVALS SHALL BE HAULED FROM THE SITE THE SAME DAY, EXCEPT FOR TOPS. ALL TOPS ARE TO BE MULCHED AND STOCKPILED OR HAULED DIRECTLY TO MULCHED AREAS FOR RELOCATED TREES IF SCHEDULING PERMITS. TOPS

SHALL BE CHIPPED AND PLACED IN THE TREE PROTECTION ZONE TO A DEPTH OF THREE (3) INCHES. ALL EXCESS WOOD CHIPS

5. ALL BURN PITS IF APPLICABLE MUST BE APPROVED BY THE PROJECT ARBORIST AND OWNER.

SHOULD BE HAULED OFF SITE AFTER TRANSPLANTING IS COMPLETE.

- 6. TREES TO BE REMOVED THAT HAVE BRANCHES EXTENDING INTO THE CANOPY OF TREES TO REMAIN MUST BE REMOVED BY A QUALIFIED ISA CERTIFIED ARBORIST AND NOT BY DEMOLITION OR CONSTRUCTION CONTRACTORS. THE QUALIFIED ARBORIST SHALL REMOVE THE TREE IN A MANNER THAT CAUSES NO DAMAGE TO THE TREES AND UNDERSTORY VEGETATION TO REMAIN.
- TREES TO BE REMOVED LOCATED WITHIN THE TREE PROTECTION ZONE SHALL BE REMOVED BY A QUALIFIED ISA CERTIFIED ARBORIST. THE TREES SHALL BE CUT NEAR GROUND LEVEL AND THE STUMP GROUND OUT.

# MACHINE DUG TRANSPLANTING

- DIG TRANSPLANT-RECEIVING HOLE.
- 2. SET SPADE DUG ROOT BALL INTO RECEIVING HOLE 4"-6" ABOVE EXISTING GRADE.
- 3. WASH SAND OR TOPSOIL INTO AIR POCKETS BETWEEN ROOT BALL AND RECEIVING HOLE.
- INSTALL TOPSOIL RING, 4" HIGH, 10" WIDE, AROUND PERIMETER OF ROOT BALL. MIX MYCORRHIZAL TRANSPLANT INOCULANT INTO TOPSOIL RING PER MANUFACTURERS SPECIFICATIONS.
- INSTALL THREE INCHES OF MULCH FROM PERIMETER OF ROOT BALL TO WITHIN 6" OF TREE TRUNK.
- 6. COVER TOPSOIL RING WITH 1" OF MULCH AND EXTEND MULCH 4"-6" DEEP, AWAY FROM PERIMETER OF ROOT BALL.
- 7. WATER TRANSPLANT.

#### K. HOLDING AREA FOR TRANSPLANTS

- 1. HOLDING AREAS SHOULD NOT BE NECESSARY. CONSTRUCTION PHASING SHOULD BE IMPLEMENTED SO THAT TREES ARE IMMEDIATELY RELOCATED TO THEIR PERMANENT LOCATION. COORDINATE WITH PROJECT ARBORIST AS NEEDED.
- 2. SHOULD A HOLDING AREA BE NECESSARY, TREE PROTECTION FENCING SHALL BE INSTALLED AT THE PERIMETER OF THE ENTIRE
- 3. CONTRACTOR SHALL COORDINATE LOCATION AND SPECIFICATIONS OF THE HOLDING AREA WITH PROJECT ARBORIST.
- 4. CONTRACTOR SHALL SUPPLY TEMPORARY IRRIGATION TO THE HOLDING AREA CONSISTING OF ABOVE GROUND PVC OR POLYETHYLENE PIPE, SPRAY OR ROTOR HEADS (WITH HEAD TO HEAD COVERAGE) AND A CONTROLLER. COORDINATE WITH PROJECT ARBORIST FOR CONTROLLER SETTINGS AND ALTERNATIVE WATERING METHODS.

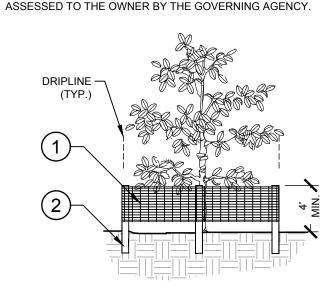
#### TOPSOIL

- 1. CONTRACTOR SHALL COORDINATE ALL EARTHWORK OPERATIONS WITHIN TREE PROTECTION AREAS WITH THE PROJECT ARBORIST PRIOR TO BEGINNING WORK.
- 2. ALL TOPSOIL SHALL BE NATURAL, FRIABLE, FERTILE, FINE LOAMY SOIL POSSESSING CHARACTERISTICS OF REPRESENTATIVE
  TOPSOIL IN THE VICINITY THAT PRODUCES HEAVY GROWTH
- TOPSOIL, PH RANGE OF 5.5 TO 7.0, 3-5 PERCENT ORGANIC MATERIAL MINIMUM, FREE FROM SUBSOIL, OBJECTIONABLE WEEDS, LITTER, SODS, STIFF CLAY, STONES LARGER THAN ONE (1) INCH IN DIAMETER, STUMPS, ROOTS, TRASH, TOXIC SUBSTANCES, OR ANY OTHER MATERIAL WHICH MAY BE HARMFUL TO PLANT GROWTH.
- VERIFY AMOUNT STOCKPILED IF ANY, AND SUPPLY ADDITIONAL AS NEEDED FROM NATURALLY WELL-DRAINED SITES WHERE
- TOPSOIL OCCURS AT LEAST FOUR (4) INCHES DEEP. DO NOT OBTAIN TOPSOIL FROM BOGS OR MARSHES.

  PROJECT ARBORIST SHALL APPROVE ALL TOPSOIL PRIOR TO PLACEMENT.

# M. REPAIR OF DAMAGED TREES

- 1. IF DAMAGE TO ANY TREE SHOULD OCCUR BY ACCIDENT OR NEGLIGENCE DURING THE CONSTRUCTION PERIOD, THE PROJECT ARBORIST SHALL APPRAISE THE DAMAGE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPAIR BY THE CONTRACTOR.
- IF ANY TREE DESIGNATED TO BE SAVED IS REMOVED FROM THE SITE WITHOUT PERMISSION OF THE OWNER'S REPRESENTATIVE, THE PROJECT ARBORIST SHALL APPRAISE THE TREE AND MAKE RECOMMENDATIONS TO THE OWNER FOR REPLACEMENT BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE TREE AND ANY FEES THAT MAY BE



**ELEVATION** 

4' HT MIN. "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.

(2) 6' TALL METAL "T" POSTS OR 2" x 2" x 6'

BURIAL BELOW GRADE.

PRESSURE TREATED WOOD POSTS WITH 24"

# INSTALLATION NOTES:

- A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR
- B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/3 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 6' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.
- C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

  D. SECURE FENCING TO POST WITH NYL ON C.
- D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

TREE PROTECTION FENCING

TM-10 ELEVATION / PLAN

CONNECTION

NTS 6-005-14 WATERMARK AT VENI PREPARED FOR THOMPSON THRIFT

TM-9

CIMILEY-HORN AND ASSOCIATES MAIN STREET, SUITE 200, SARASOTA,

_	REE INVE		T
EE # 1	SIZE (DBH) 22"	SPECIES OAK	STATUS OFF-SITE
)	-	PALM	REMOVE
	-	PALM PALM	OFF-SITE OFF-SITE
	<u>-</u>	PALM	OFF-SITE
,	22"	OAK	OFF-SITE
, 	- 9"	PALM	REMOVE
)	-	OAK PALM	REMOVE *OFF-SITE
<b>o</b>	9"	OAK	*OFF-SITE
1	18"	OAK	*OFF-SITE
2 3	8" 20"	OAK OAK	*OFF-SITE *OFF-SITE
4	2"	OAK	REMOVE
5	10"	OAK	*OFF-SITE
6 7	- 20"	PALM	*OFF-SITE *OFF-SITE
/ 8	-	OAK PALM	*OFF-SITE
9	4"	OAK	REMOVE
0	4"	OAK	REMOVE
1 2	6" 6"	OAK OAK	REMOVE REMOVE
3	9"	OAK	REMOVE
4	10"	OAK	REMOVE
5	-	PALM	REMOVE
5 7	8" 8", 10"	OAK OAK	REMOVE *OFF-SITE
3		PALM	*OFF-SITE
)	10"	OAK	*OFF-SITE
)	4411 4511	PALM	*OFF-SITE
<u>l</u>	11", 13" 11"	OAK UNKNOWN	REMOVE REMOVE
<u>′</u> }	12"	OAK	*OFF-SITE
1	-	PALM	*OFF-SITE
' [	-	PALM	*OFF-SITE
5 7	20"	OAK PALM	*OFF-SITE *OFF-SITE
, 3	<u> </u>	PALM	REMOVE
)	-	PALM	*OFF-SITE
) 1	-	PALM	REMOVE *OFF SITE
L 2	-	PALM PALM	*OFF-SITE REMOVE
3		PALM	REMOVE
1	-	PALM	REMOVE
5	-	PALM	*OFF-SITE
7	- 16"	PALM PINE	REMOVE REMOVE
3	-	PALM	REMOVE
•	-	PALM	REMOVE
)	6", 8"	OAK	REMOVE
L	6" 10"	OAK OAK	REMOVE REMOVE
 }	32"	OAK	REMOVE
ļ	27"	OAK	REMOVE
5	36"	OAK	GRAND REMAIN
5 7	42" 6"	OAK OAK	GRAND REMAIN REMOVE
3	<u> </u>	PALM	*OFF-SITE
)	-	PALM	*OFF-SITE
) L	7" 15"	OAK OAK	REMOVE REMOVE
<u>.                                    </u>	- 13	PALM	*OFF-SITE
3	-	PALM	*OFF-SITE
	14"	OAK	*OFF-SITE
; ;	14" 5"	OAK OAK	REMOVE REMOVE
7	-	PALM	REMOVE
3	8"	OAK	REMOVE
) `	5"	OAK	REMOVE
) L	10", 12" 11"	OAK OAK	REMOVE REMOVE
2	_ <del></del> _	PALM	*OFF-SITE
3	<u>-</u>	PALM	*OFF-SITE
ļ 5	10" 7"	OAK OAK	REMOVE REMOVE
, 5	11"	OAK	REMOVE
7	19"	OAK	REMOVE
3	14"	OAK	REMOVE
9 0	- 5"	PALM OAK	REMOVE REMOVE
1		PALM	OFF-SITE
2	-	PALM	OFF-SITE
3	18"	OAK	REMOVE
1 5	9" 12"	OAK OAK	REMOVE REMOVE
5	-	PALM	OFF-SITE
7	8", 14"	OAK	REMOVE
8 n	-	PALM	REMOVE
<del>)</del> )	<del>-</del> -	PALM PALM	REMOVE REMOVE
l L	<u> </u>	PALM	REMOVE
2	22"	OAK	REMOVE
3	-	PALM	REMOVE
1 5	-	PALM PALM	REMOVE REMOVE
5 6	<u>-</u> -	PALM	REMOVE
	-	PALM	REMOVE
7	-	PALM	REMOVE
3	i _	PALM	REMOVE
3		DAINA	La L. n. no. 11.11
3 9 0	-	PALM PALM	REMOVE REMOVE
3 9 0 1	- - 46"	PALM PALM OAK	REMOVE REMOVE GRAND REMAIN
7 3 0 1 2	38"	PALM	REMOVE
3 0 1 2		PALM OAK	REMOVE GRAND REMAIN

Table												
196   196	REE #	SIZE (DBH)	SPECIES	STATUS	TREE #	SIZE (DBH)	SPECIES	STATUS	TREE #	SIZE (DBH)	SPECIES	STATUS
19	107	-	<del>                                     </del>					+			+ +	
131   1	108	-	<del> </del>					+			+ +	
12   1	110	-						+		-	<del>                                     </del>	
13   1	111	7", 24" -	<del> </del>			-			<b>H</b>		+ +	
12.   1.   1.   1.   1.   1.   1.   1.	113	-	1			-		+		-	+ +	
15		-	<del> </del>			-					+	
The Company	116	-	<del> </del>			-		+		6"		
19	117	-				- 24"		+			+ +	
120	118	-						+		-		
128   28°   DAT   SHELOY   1997   1998   1997   1998   1997   1998   1	120	-	1			7", 10, 11"				5"	+ +	
120   1.05   1		- 32"	1			9" -			<b>+</b>	- 5". 6". 8"	+ +	
135   -   FAME   PRIMARY   232   237   248   2	123		<del> </del>			10"					+ +	
120   -   PAMA   SEAMON   221   PAMA   SANON   1306   -   PAMA   REMOVE   120   -   PAMA   SEAMON   120   -   PAMA   REMOVE   120   -   PAMA   REM	124	-	<del> </del>					+	<b>H</b>	- 10"	t t	
128   12°   1986	126	-				-		+		-	+ +	
120   F. O. O.K.   GEOVAN   120   1.0	127	-	1							-	<del>                                     </del>	
1981			<del> </del>					+		-	+	
1921	130	-	<del> </del>					+		-	+ +	
132   - PAMA   READRA   250   4"   O.M.   READRA   250   4"   O.M.   READRA   251   " O.M.   READRA	131	-								- E <sup>11</sup>	+ +	
138   -   PAMM   READNIN	133	<u> </u>									+ +	
138	134	-	1			4"						
137   -   PAMA   REMAIN   244   -   PAMA   SANOVE   36   -		-	<del>                                     </del>			-					+ +	
190   86°   OAK   OPE 91   1   1   1   1   1   1   1   1   1	137	-	1			-		+	349		+	REMOVE
Mail	138	- -	<del> </del>			-				- O <sup>11</sup>	+	
242   -	140	-				-		+			1	
1945   PALM   REMONN   1940   PALM   REMOVE   PALM   REMO	141	-				-				-	+	
240   377		-				-				-	+	
290	144	37"				-		+	356	-	PALM	REMOVE
	145	- 30"	<del> </del>			-				- 5"	+ +	
290	147	-				-					+ +	
	148	-				-				-		
1251   22"   OAK   REMOVE   25"   PALM   REMOVE   PALM   PALM   REMOVE	150	-	1					1		 24"	+	
153   -	151		<del> </del>		257	-	PALM	REMOVE		-	+	REMOVE
1948   9"		29", 30"	<del>                                     </del>			-				- 6"	+	
156   S"	154	9"	1			-						
197	155					-					+ +	
158   10"   OAK   REMAIN   156   150"   OAK   REMOVE   170   OAK   REMAIN   150   10"   OAK   REMAIN   150   OAK   REMAIN   150   OAK   REMOVE   170   OAK   REMAIN   150   OAK   REMOVE   170   OAK   REMOVE   0AK   REMOVE	157	-	<del> </del>							-		
190	158		OAK	REMAIN	264	20"				-	PALM	REMAIN
151   1									H + + + + + + + + + + + + + + + + + + +	<u>-</u>	+ +	
163   6"	161									24"	+	
154   8°   OAK   REMAIN   155   OAK   REMAIN   271   - PALM   REMOVE   376   24°   OAK   REMAIN   156   5°   OAK   REMAIN   272   22°   OAK   REMOVE   378   - PALM   REMOVE   378   - PALM   REMAIN   157   11°   OAK   REMAIN   273   - PALM   REMOVE   378   - PALM   REMAIN   158   0°   OAK   REMAIN   275   - PALM   REMOVE   381   - PALM   REMAIN   170   8°   OAK   REMAIN   276   - PALM   REMOVE   381   - PALM   REMAIN   171   172   12°, 17°   OAK   REMAIN   277   - PALM   REMOVE   381   - PALM   REMAIN   171   172   12°, 17°   OAK   REMAIN   277   - PALM   REMOVE   383   22°   PINE   REMAIN   171   172   12°, 17°   OAK   REMOVE   278   - PALM   REMOVE   383   22°   PINE   REMAIN   175   - PALM   REMOVE   280   - PALM   REMOVE   385   4°   OAK   REMAIN   175   - PALM   REMOVE   281   - PALM   REMOVE   281   - PALM   REMOVE   281   - PALM   REMOVE   282   - PALM   REMOVE   281   - PALM   REMOVE   281   - PALM   REMOVE   282   - PALM   REMOVE   281   - PALM   REMOVE   281   - PALM   REMOVE   282   - PALM   REMOVE   283   - PALM   REMOVE   284   - PALM   REMOVE   285   - PALM   REMOVE   285   - PALM   REMOVE   286   - PALM   REMOVE   286   - PALM   REMOVE   287   - PALM   REMOVE   288   - PALM   REMOVE   289   - PALM   REMOVE   289   - PALM   REMOVE   280   - PALM   REMOVE   280   - PALM   REMOVE   280   - PALM   REMOVE   281   - PALM   REMOVE   280   - PA	162									-		
196   S'	164		<del> </del>							24"	<del> </del>	
167	165		<del>                                     </del>		271	-	PALM	REMOVE		-	+	
188   10"   OAK   REMAIN   169   5"   OAK   REMAIN   275   - PALM   REMOVE   320   4"   OAK   REMAIN   170   8"   OAK   REMAIN   276   - PALM   REMOVE   322   4"   OAK   REMAIN   1712   12", 17"   OAK   REMOVE   278   - PALM   REMOVE   383   24"   OAK   REMAIN   173   - PALM   REMOVE   278   - PALM   REMOVE   383   24"   OAK   REMAIN   173   - PALM   REMOVE   279   21"   OAK   REMOVE   385   4"   OAK   REMAIN   175   - PALM   REMOVE   280   - PALM   REMOVE   385   4"   OAK   REMAIN   175   - PALM   REMOVE   281   - PALM   REMOVE   385   5"   OAK   REMAIN   176   - PALM   REMOVE   281   - PALM   REMOVE   387   - PALM   REMOVE   170   - PALM   REMOVE   281   - PALM   REMOVE   387   - PALM   REMOVE   281   - PALM   REMOVE   387   - PALM   REMAIN   177   - PALM   REMOVE   281   - PALM   REMOVE   387   - PALM   REMAIN   178   - PALM   REMOVE   285   - PALM   REMOVE   380   10"   OAK   REMAIN   180   - PALM   REMOVE   286   - PALM   REMOVE   390   10"   OAK   REMAIN   181   - PALM   REMOVE   286   - PALM   REMOVE   391   14"   OAK   REMAIN   181   - PALM   REMOVE   286   - PALM   REMOVE   392   13"   OAK   REMAIN   181   - PALM   REMOVE   289   - PALM   REMOVE   393   - PALM   REMOVE   181   - PALM   REMOVE   289   - PALM   REMOVE   390   - PALM   REMOVE   181   - PALM   REMOVE   289   - PALM   REMOVE   391   - PALM   REMOVE   181   - PALM   REMOVE   289   - PALM   REMOVE   391   - PALM   REMOVE   181   - PALM   REMOVE   289   - PALM   REMOVE   391   - PALM   REMOVE   191   - PALM   REMOVE   291   - PALM   REMOVE   391			<del> </del>			22"				14" 		
170   S"	168	10"				-		+		-		
171   9"	169					-				- //"	+ +	
174	171		1								+ +	
174	172	12", 17"				-					1	
175	174	-	1			21" 	<b>i</b>				+	
177	175	-			281	-				-	+	
178		-				-	1			-	+	
180	178	-				-						
181	179	-	<del>                                     </del>			-					+ +	
182   33"	180	<u> </u>	1									
184	182	33"	OAK	REMOVE	288	-	PALM	REMOVE	394	-	PALM	REMOVE
185	183 184	-				-				-	+ +	
187   8"	185	-	PALM	REMOVE		<u>-</u>	t	1	397	-	PALM	REMAIN
188   12"	186	-				-					1	
189     PALM   REMOVE   295     PALM   REMOVE   296     PALM   REMOVE   297     PALM   REMOVE   297     PALM   REMOVE   297     PALM   REMOVE   298   31"   OAK   REMOVE   298   31"   OAK   REMOVE   299     PALM   REMOVE   200     PALM   REMOVE   201   14"   OAK   REMOVE   201   14"   OAK   REMOVE   202   6"   OAK   REMAIN   202   6"   OAK   REMAIN   203   12"   OAK   REMAIN   203   12"   OAK   REMAIN   204   5"   OAK   REMAIN   205     PALM   REMOVE   205     PALM   REMOVE   206     PALM   REMOVE   207     PALM   REMOVE   208     PALM   REMOVE   209   24"   OAK   OFF-SITE   206     PALM   REMOVE   207     PALM   REMOVE   208     PALM   REMOVE   209   24"   OAK   OFF-SITE   206     PALM   REMOVE   207     PALM   REMOVE   208     PALM   REMOVE   209     PALM   REMOVE   209     PALM   REMOVE   200     PALM						-					<del> </del>	
191	189	-	<del> </del>			-			401		+	REMAIN
192   -   PALM   REMOVE   193   -   PALM   REMOVE   299   -   PALM   REMOVE   200   -   PALM   REMOVE   300   -   PALM   REMOVE   301   -   PALM   REMOVE   302   -   PALM   REMOVE   303   -   PALM   REMOVE   303   -   PALM   REMOVE   303   -   PALM   REMOVE   304   15"   OAK   REMOVE   305   -   PALM   REMOVE   306   -   PALM   REMOVE   306   -   PALM   REMOVE   307   -   PALM   REMOVE   308   -   PALM   REMOVE   308   -   PALM   REMOVE   309   24"   OAK   OFF-SITE   205   -   PALM   REMOVE   309   24"   OAK   OFF-SITE   311   -   PALM   REMOVE   312   UNKNOWN   REMOVE   313   -   PALM   REMOVE   314   -   PALM   REMOVE   315   -   PALM   REMOVE   315   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   314   -   PALM   REMOVE   315   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   314   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   314   -   PALM   REMOVE   315   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   318   -   PALM   REMOVE   317   12"   OAK   REMAIN   318   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   318   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   318   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   318   -   PALM   REMOVE   316   -   PALM   REMOVE   317   OAK   REMOVE   318   OAK   OAK   OAK	190	-	<del> </del>			-	<u> </u>	+		13"		
194   40"   OAK   REMOVE   195   - PALM   REMOVE   196   24"   OAK   REMOVE   197   20"   OAK   REMOVE   198   - PALM   REMOVE   199   - PALM   REMOVE   199   - PALM   REMOVE   100   - PALM   REMOVE   101   14"   OAK   REMAIN   202   6"   OAK   REMAIN   205   - PALM   REMOVE   206   - PALM   REMOVE   207   - PALM   REMOVE   208   - PALM   REMOVE   209   - PALM   REMOVE   313   - PALM   REMOVE   314   - PALM   REMOVE   315   - PALM   REMOVE   316   - PALM   REMOVE   312"   OAK   REMAIN   209   - PALM   REMOVE   316   - PALM   REMOVE   316   - PALM   REMOVE   310   - PALM   REMOVE   316   - PALM   REMOVE   316   - PALM   REMOVE   316   - PALM   REMOVE   310   - PALM   REMOVE   316   - PALM   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   316   - PALM   REMOVE   316   - PALM   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   317   12"   OAK   REMAIN   323   14", 17"   UNKNOWN   REMOVE   316   - PALM   REMAIN   317   0AK   REMAIN   310   0 - PALM   REMOVE   316   0 - PALM   0AK   0AK	192	<u>-</u>	1			 31"				6"	1	
195   -   PALM   REMOVE     301   -   PALM   REMOVE     302   -   PALM   REMOVE     302   -   PALM   REMOVE     303   -   PALM   REMOVE     304   15"   OAK   REMOVE     305   -   PALM   REMOVE   306   -   PALM   REMOVE   307   -   PALM   REMOVE   308   -   PALM   REMAIN   203   12"   OAK   REMAIN   204   5"   OAK   REMAIN   205   -   PALM   REMOVE   310   -   PALM   REMOVE   306   -   PALM   OFF-SITE   310   -   PALM   REMOVE   308   -   PALM   REMOVE   309   24"   OAK   OFF-SITE   311   -   PALM   REMOVE   312   4"   OAK   REMOVE   313   -   PALM   REMOVE   314   -   PALM   REMOVE   315   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   REMOVE   310   -   PALM   REMOVE   311   -   PALM   REMOVE   312   4"   OAK   REMOVE   313   -   PALM   REMOVE   314   -   PALM   REMOVE   315   -   PALM   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   328   34", 17"   UNKNOWN   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   328   34", 17"   UNKNOWN   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   328   34", 17"   UNKNOWN   REMOVE   316   -   PALM   REMOVE   317   12"   OAK   REMAIN   328   34", 17"   UNKNOWN   REMOVE   316   -   PALM   REMOVE   317   312"   OAK   REMAIN   328   34", 17"   UNKNOWN   REMOVE   328   34", 17"   UNKNOWN   REMOVE   328   34", 37"   UNKNOWN   REMOVE   328   UNKNOWN	193	-				-					+	
196   24"	194 195	40'' -						+			+	
198	196		<del> </del>						408	12"	UNKNOWN	REMOVE
199	197	20"						+			+ +	
200   -   PALM   REMOVE     306   -   PALM   REMOVE     412   9"   UNKNOWN   REMOVE     201   14"   OAK   REMAIN   202   6"   OAK   REMAIN   308   -   PALM   OFF-SITE     413   6"   PINE   REMOVE     414   6"   UNKNOWN   REMOVE     415   9"   UNKNOWN   REMOVE     416   12"   UNKNOWN   REMOVE     416   12"   UNKNOWN   REMOVE     417   9"   UNKNOWN   REMOVE     418   -   PALM   REMAIN     416   12"   UNKNOWN   REMOVE     417   9"   UNKNOWN   REMOVE     418   -   PALM   REMAIN     418   -   PALM   REMAIN     418   -   PALM   REMAIN     419   -   PALM   REMAIN     419   -   PALM   REMAIN     410   -   PALM   REMOVE     410   410   -   PALM   REMO	198 199		<del> </del>			15" -		+			+ +	
202         6"         OAK         REMAIN           203         12"         OAK         REMAIN           204         5"         OAK         REMAIN           205         -         PALM         OFF-SITE           206         -         PALM         REMOVE           207         -         PALM         REMOVE           208         -         PALM         REMOVE           209         -         PALM         REMOVE           210         -         PALM         REMOVE           211         10"         OAK         REMOVE      All 6" UNKNOWN REMOVE     415 9" UNKNOWN REMOVE     416 12" UNKNOWN REMOVE     417 9" UNKNOWN REMOVE     418	200	-	PALM	REMOVE	306	-	PALM	REMOVE	412	9"	UNKNOWN	REMOVE
203   12"	201					-					+ +	
204   5"	202										+	
206         -         PALM         REMOVE         312         4"         OAK         REMOVE         418         -         PALM         REMAIN           207         -         PALM         REMOVE         313         -         PALM         REMOVE         419         -         PALM         REMAIN           209         -         PALM         REMOVE         314         -         PALM         REMOVE         420         -         PALM         REMAIN           209         -         PALM         REMOVE         315         -         PALM         REMOVE         420         -         PALM         REMOVE           210         -         PALM         REMOVE         421         24"         UNKNOWN         REMOVE           211         10"         OAK         REMOVE         317         12"         OAK         REMAIN         423         14", 17"         UNKNOWN         REMOVE	204		OAK	REMAIN	310		PALM	REMAIN	416		UNKNOWN	REMOVE
207         -         PALM         REMOVE         313         -         PALM         REMOVE         419         -         PALM         REMAIN           208         -         PALM         REMOVE         314         -         PALM         REMOVE         420         -         PALM         REMAIN           209         -         PALM         REMOVE         315         -         PALM         REMOVE         421         24"         UNKNOWN         REMOVE           210         -         PALM         REMOVE         422         5", 6"         UNKNOWN         REMOVE           211         10"         OAK         REMOVE         317         12"         OAK         REMAIN         423         14", 17"         UNKNOWN         REMOVE	205	-	<del>                                     </del>			۸ <sup>11</sup>				9"	+ +	
208         -         PALM         REMOVE         314         -         PALM         REMOVE         420         -         PALM         REMAIN           209         -         PALM         REMOVE         315         -         PALM         REMOVE         421         24"         UNKNOWN         REMOVE           210         -         PALM         REMOVE         422         5", 6"         UNKNOWN         REMOVE           211         10"         OAK         REMOVE         423         14", 17"         UNKNOWN         REMOVE	207	<u> </u>	<del> </del>					+		<u>-</u>	+ +	
210         -         PALM         REMOVE         316         -         PALM         REMOVE         422         5", 6"         UNKNOWN         REMOVE           211         10"         OAK         REMOVE         317         12"         OAK         REMAIN         423         14", 17"         UNKNOWN         REMOVE	208	-	<del> </del>		314	-	PALM	REMOVE			+ +	
211         10"         OAK         REMOVE         317         12"         OAK         REMAIN         423         14", 17"         UNKNOWN         REMOVE	209	-				-		+			+	
212   5"   OAK   REMOVE   318   9"   OAK   REMAIN   424   25"   UNKNOWN   REMOVE	211		OAK	REMOVE		12"			423	14", 17"	UNKNOWN	REMOVE
	212	5"	OAK	REMOVE	318	9"	OAK	REMAIN	424	25"	UNKNOWN	REMOVE

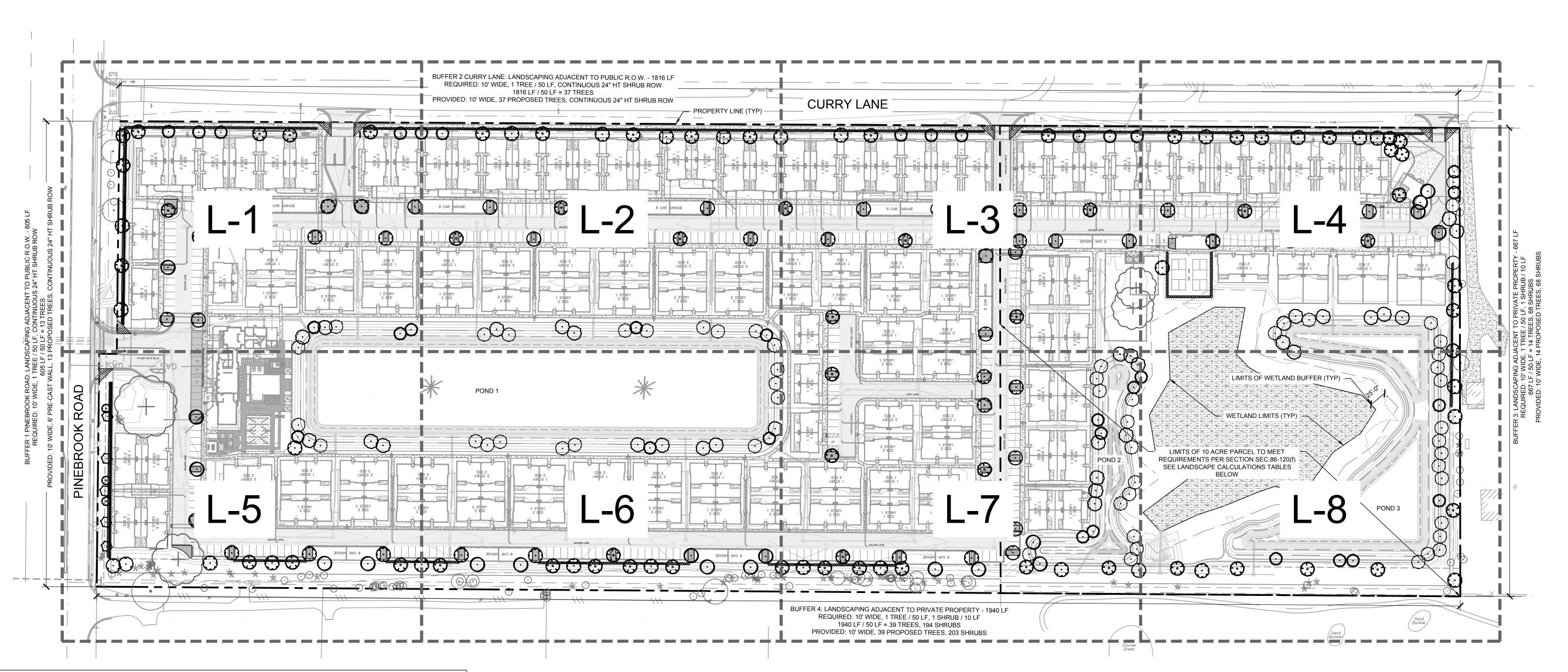
TREE #	SIZE (DBH)	SPECIES	STATUS
425	8"	UNKNOWN	REMOVE
426	6"	UNKNOWN	REMOVE
427	6"	UNKNOWN	REMOVE
428	-	PALM	REMAIN
429	9"	OAK	REMAIN
430	-	PALM	REMAIN
431	-	PALM	REMAIN
432	5"	OAK	REMAIN
433	5"	OAK	REMAIN
434	-	PALM	REMOVE
435	-	PALM	REMOVE
436	-	PALM	REMOVE
437	-	PALM	REMOVE
438	15"	OAK	REMOVE
439	7", 7"	UNKNOWN	REMOVE
440	12"	OAK	REMAIN
441	24"	UNKNOWN	REMOVE
442	5", 13"	UNKNOWN	REMOVE
443	6"	UNKNOWN	REMAIN
444	9"	OAK	OFF-SITE
445	8"	OAK	OFF-SITE
446	20", 23"	OAK	REMAIN
447	10", 11"	OAK	REMAIN
448	9"	OAK	REMOVE
449	9", 24"	OAK	REMAIN
450	5"	OAK	REMOVE
451	7"	OAK	REMOVE
452	11"	OAK	REMOVE
453	-	PALM	REMAIN
454	7"	OAK	REMAIN
455	-	PALM	REMAIN
456	5"	OAK	REMAIN
457	4"-6"	OAK	REMOVE
458	15"	OAK	OFF-SITE
459	6"	UNKNOWN	REMOVE
460	12"	PINE	REMAIN
461	7"	OAK	REMAIN

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TREE MITIGATION DATA TABLES

WATERMARK AT VENICE
PREPARED FOR
THOMPSON THRIFT
DEVELOMENT, LLC



	PER CITY OF VENICE LAND DEVELOPMENT CODE	
	REQUIRED	PROVIDED
PLANT MATERIAL	TREES 3" CALIPER MIN., 10' HT MIN., 4' SPREAD MIN.	REFER TO PLANT SCHEDULE (THIS SHEET) FOR SPECIFICATIONS
	SHRUBS 2' HT MIN. SCREENING HEDGES SHALL BE SPACED NO MORE THAN 36" O.C.	
SEC. 86-431		
LANDSCAPING ADJACENT TO PUBLIC R.O.W.	BUFFER 1: PINEBROOK ROAD  1 TREE PER 50 LF AND 2' HT. HEDGE  10' WIDE, 605 LF / 50 LF = 13 TREES	BUFFER 1: PINEBROOK ROAD  13 PROPOSED TREES, 6' HT. PRE-CAST WALL, AND CONTINUOUS 24" HT SHRUB ROW
	BUFFER 2: CURRY LANE 1 TREE PER 50 LF AND 2' HT. HEDGE 10' WIDE, 1816 LF / 50 LF = 37 TREES	BUFFER 2: CURRY LANE 37 PROPOSED TREES, CONTINUOUS 24" HT SHRUB ROV
SEC. 86-436		
LANDSCAPING ADJACENT TO PROPERTY LINES	BUFFER 3: 1 TREE PER 50 LF, 1 SHRUB / 10 LF, 80% OPACITY 10' WIDE, 667 LF / 50 LF = 14 TREES, 68 SHRUBS	BUFFER 3: 10' WIDE, 667 LF / 50 LF = 14 TREES, 68 SHRUBS
	BUFFER 4: 1 TREE PER 50 LF, 1 SHRUB / 10 LF, 80% OPACITY 10' WIDE, 1940 LF / 50 LF = 39 TREES, 194 SHRUBS	<b>BUFFER 4:</b> 10' WIDE, 1940 LF / 50 LF = 39 TREES, 203 SHRUBS
SEC. 86-437 & SEC. 86-462		
NTERIOR LANDSCAPING	10 SF OF INTERIOR LANDSCAPING PER PARKING SPACE 504 PARKING SPACES X 10 SF = 5,040 SF LANDSCAPING	10,770 SF LANDSCAPING 71 PROPOSED TREES
	10 SF OF LANDSCAPED AREA FOR EACH 500 SF OF VUA (IN ADDITION TO PARKING SPACES) 198,633 SF OF VUA / 500 SF X 10 SF = 3,973 SF LANDSCAPING	1 EXISTING TREE
	1 TREE PER 100 SF OF REQUIRED VUA LANDSCAPED AREA 3,973 SF OF REQUIRED AREA / 100 SF = 40 TREES	
SEC. 86-438	TOTAL INTERIOR / VUA LANDSCAPING REQUIRED: 5,040 SF + 3,973 SF = 9,013 SF	
TREE MITIGATION AND	40 TREE INCHES PER ACRE OF PROJECT AREA (EXCLUDING WETLAND AREAS)	PRESERVED INCH CREDIT = 284"
REPLACEMENT	PROJECT AREA: 29.4 ACRES - 1.27 WETLAND AREA = 28.1 ACRES REMAINING 28.1 X 40" / ACRE = 1,125 INCHES	(SEE TREE PRESERVATION CREDIT TABLE ON SHEET TM-0)  283 PROPOSED TREES @ 3" CALIPER = 849"  TOTAL INCHES PROVIDED: 1,133 INCHES
SEC. 118.12		
FREE REPLACEMENT PLANTING	75% OF REPLACEMENT TREES SHALL BE LARGE/MEDIUM SIZED CANOPY TREES	275 LARGE/MEDIUM SIZED CANOPY TREES PROVIDED (EXCLUDES PALMS): 97%
	NO SPECIES SHALL CONSTITUTE MORE THAN 50% PLANTINGS	,
	PALMS SHALL NOT CONSTITUTE MORE THAN 25% OF REQUIRED INCHES - 3 PALMS = 1 TREE (2.5")	(23%) = MAX. ONE SPECIES (0%) = 0 PALM INCHES
SEC. 118-12	NO MORE THAN 25% OF REQUIRED TREES SHALL BE PINE	13% PINES PROVIDED
VENETIAN GATEWAY LANDSCAPING		
SEC. 86-120.g.(5)	60 LANDSCAPE POINTS PER PER ACRE 10 ACRES X 60 = 600 POINTS REQUIRED *SEE OVERALL LANDSCAPE PLAN, THIS SHEET FOR PARCEL LIMITS*	LANDSCAPE MATERIAL POINTS: EXISTING TREE POINTS: 491 (SEE TABLE, THIS SHEET) TREE POINTS: 1464 (122 CANOPY TREES AT 12 POINTS) SHRUBS POINTS: 878 (323 LARGE SHRUBS AT 3 POINTS
SEC. 86-120.(g).8.	INTERIOR PARKING REQUIREMENTS  20 SF OF INTERIOR LANDSCAPING PER PARKING SPACE  20 SF X 130 PARKING SPACES = 2,600 SF x .12 POINTS = 312 POINTS	3,208 SF OF INTERIOR ISLAND PLANTINGS 385 POINTS
SEC. 86-120.(g).3.	EXISTING TREE CREDITS = 491 600 POINTS REQUIRED - 491 EXISTING TREE CREDITS = 109 CREDITS REMAINING *SEE EXISTING TREE CREDITS TABLE, THIS SHEET*	*SEE EXISTING TREE CREDITS TABLE, THIS SHEET*

OVE	RAL	L F	PLANT S	SCHEDULE (	INCLUDES	10-ACRE	PARC	EL)
TDEEO	0005	OT) (	DOTANIOAL NIAME	001410111111	TAGO	0.41	LIFIGUE	000540

		\ \ \ \ L			DOLL (1140L01			<i>/</i> (1 ( )	<u> </u>
	TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	<u>HEIGHT</u>	SPREAD
v	$(\cdot)$	AR	32	ACER RUBRUM LARGE	RED MAPLE	FG	3" CAL MIN	10` HT MIN	4` MIN
(ر	5)	ВВ	25	BUCIDA BUCERAS `SHADY LADY` MEDIUM	SHADY LADY BLACK OLIVE	FG	3" CAL MIN	10` HT MIN	4` MIN
مح	$\langle \cdot \rangle$	IC	5	ILEX CASSINE SMALL	DAHOON HOLLY	FG	3" CAL MIN	10` HT MIN	4` MIN
€ .:	3	LJ	3	LIGUSTRUM JAPONICUM SMALL	JAPANESE PRIVET	FG	3" CAL MIN, O.A., 3-STEM MIN	10` HT MIN	4` MIN
سرد	لرث كا	МВ	61	MAGNOLIA GRANDIFLORA 'BBB' LARGE	BRACKEN'S SOUTHERN MAGNOLIA	FG	3" CAL MIN	10` HT MIN	4` MIN
A .		PD	33	PINUS ELLIOTTI DENSA LARGE	SLASH PINE	FG	3" CAL MIN	10` HT MIN	4` MIN
		QV	52	QUERCUS VIRGINIANA LARGE	SOUTHERN LIVE OAK	FG	3" CAL MIN	10` HT MIN	4` MIN
$\left(\cdot\right)$		TD	53	TAXODIUM DISTICHUM LARGE	BALD CYPRESS	FG	3" CAL MIN	10` HT MIN	4` MIN
	$(\cdot)$	UA	19	ULMUS AMERICANA LARGE	AMERICAN ELM	FG	3" CAL MIN	10` HT MIN	4` MIN
	<u>SHRUBS</u>	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	SIZE	<u>SPACING</u>	
	$\odot$	CA	190	CLUSIA ROSEA	AUTOGRAPH TREE	7 GAL	24" HT MIN	36" o.c.	
	$\bigcirc$	HF	246	HAMELIA PATENS	FIREBUSH	7 GAL	24" HT MIN	36" o.c.	
	0	IN	175	IXORA COCCINEA 'NORA GRANT'	NORA GRANT IXORA	7 GAL	24" HT MIN	36" o.c.	
	$\odot$	TF	141	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	7 GAL	24" HT MIN	36" o.c.	
	$\odot$	VO	338	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM	7 GAL	24" HT MIN	36" o.c.	

# 10 ACRE PARCEL PLANT SCHEDULE

TREES	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME
	AR	18	ACER RUBRUM LARGE	RED MAPLE
( · )	ВВ	9	BUCIDA BUCERAS `SHADY LADY` MEDIUM	SHADY LADY BLACK OLIVE
June Company	MB	23	MAGNOLIA GRANDIFLORA 'BBB' LARGE	BRACKEN'S SOUTHERN MAGNOLIA
A CONTRACTOR	PD	16	PINUS ELLIOTTI DENSA LARGE	SLASH PINE
\(\frac{\x}{2}\cdot\)	QV	17	QUERCUS VIRGINIANA LARGE	SOUTHERN LIVE OAK
	TD	33	TAXODIUM DISTICHUM LARGE	BALD CYPRESS
$(\cdot)$	UA	6	ULMUS AMERICANA LARGE	AMERICAN ELM
<u>SHRUBS</u>	CODE	QTY	BOTANICAL NAME	COMMON NAME
$\odot$	CA	72	CLUSIA ROSEA	AUTOGRAPH TREE
$\odot$	HF	77	HAMELIA PATENS	FIREBUSH
0	IN	37	IXORA COCCINEA 'NORA GRANT'	NORA GRANT IXORA
$\odot$	TF	42	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS
$\odot$	VO	95	VIBURNUM ODORATISSIMUM	SWEET VIBURNUM
	INTER	RIOR I AN	JDSCAPING VII A 3 208 SE	

INTERIOR LANDSCAPING V.U.A SHRUBS - 24" HT MINIMUM	3,208 SF	
GROUNDCOVER - REASONBLY COMPLETE COVERAGE AT TIME OF		
PI ANTING		

Point #	Tree Species and Size	Tree Credit Points
55	36" OAK	58
56	42" OAK	58
81	PALM	4
82	PALM	4
86	PALM	4
418	PALM	4
419	PALM	4
420	PALM	4
428	PALM	4
429	9" OAK	23
430	PALM	4
431	PALM	4
432	5" OAK	16
433	5" OAK	16
440	12" OAK	28
443	6" UNKNOWN	16
444	9" OAK	23
445	8" OAK	19
446	20", 23" OAK	58
447	10", 11" OAK	28
449	9" <i>,</i> 24" OAK	28
453	PALM	4
454	7" OAK	19
455	PALM	4
456	5" OAK	16
458	15" OAK	41

**EXISTING TREE CREDITS** 

ιK		41		
	1	NORTH	1)	
GR. O	APHIC 40	SCALE 80	: IN	1

WATERMARK AT VENICE
PREPARED FOR
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SHEET NUMBER

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2.	SEE SHEET L-10 FOR LANDSCAPE DETAILS.

COMPLETE COVERAGE AT TIME OF 20% 7 GAL SHRUBS

491 + 1464 + 878 + 385 = 3,352 LANDSCAPE POINTS

\*SEE 10 ACRE PARCEL PLANT SCHEDULE, THIS SHEET\*

NOTES:

1. SEE SHEET L-9 FOR LANDSCAPE SPECIFICATIONS.

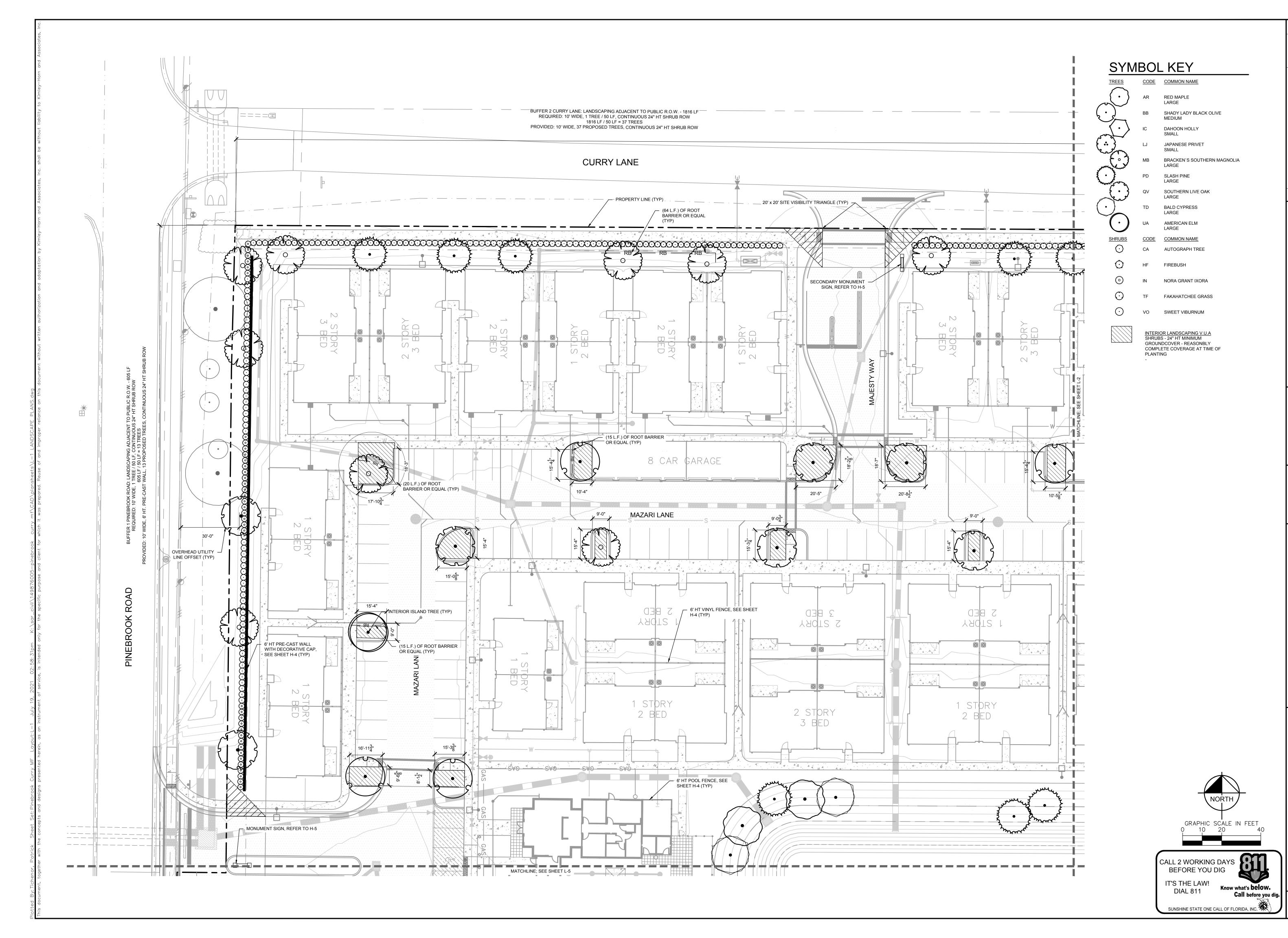
INTERIOR LANDSCAPING V.U.A SHRUBS - 24" HT MINIMUM

- 3. 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.
- 4. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.

GROUNDCOVER - REASONBLY 30% 1 GAL SHRUBS/GROUNDCOVER

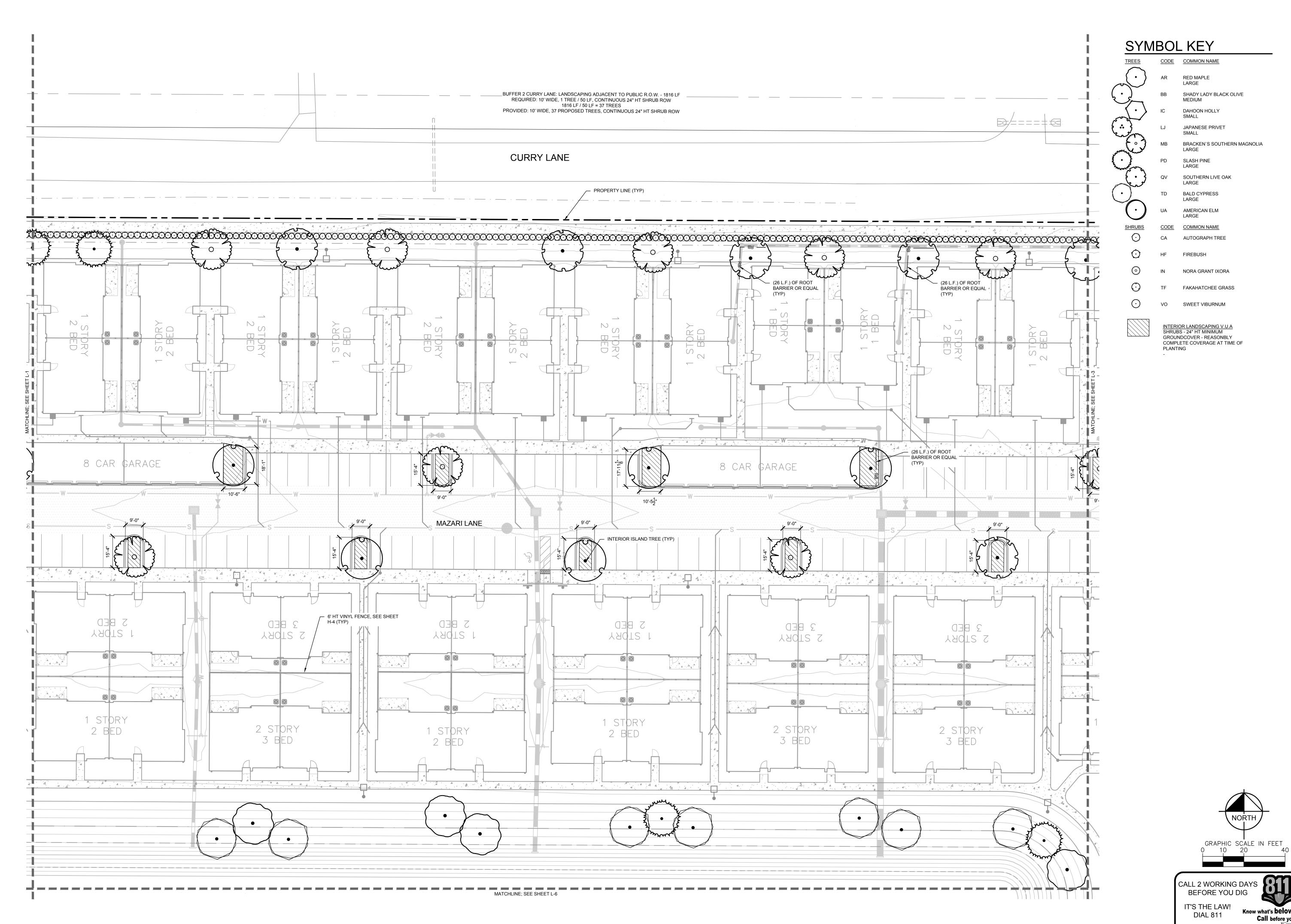
50% 3 GAL SHRUBS

- 5. ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.
- 6. SOD ALL AREAS OF DISTURBANCE WITH BAHIA (PASPALUM NOTATUM), AND HAND WATER TURF THROUGH ESTABLISHMENT IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS.
- 7. THE "OVERALL PLANT SCHEDULE" IS INCLUSIVE OF ALL TREES, SHRUBS AND GROUNDCOVERS PROPOSED ON THE PROPERTY. THE "10 ACRE PARCEL ONLY PLANT SCHEDULE" IS A SUB-SCHEDULE LISTING THE TREES, SHRUBS, AND GFOUNDCOVERS LOCATED WITHIN THE LIMITS OF THE PARCEL SPECIFIED ON THE PLANS; THEY ARE NOT ADDITIONAL PLANTINGS IN EXCESS OF THE "OVERALL PLANT SCHEDULE.'



VENICE WATERMARK AT VENI
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SHEET NUMBER





CODE COMMON NAME

**RED MAPLE** 

SHADY LADY BLACK OLIVE MEDIUM

DAHOON HOLLY

JAPANESE PRIVET BRACKEN'S SOUTHERN MAGNOLIA

SLASH PINE

LARGE SOUTHERN LIVE OAK

BALD CYPRESS LARGE AMERICAN ELM

CODE COMMON NAME **AUTOGRAPH TREE** 

FIREBUSH NORA GRANT IXORA

FAKAHATCHEE GRASS

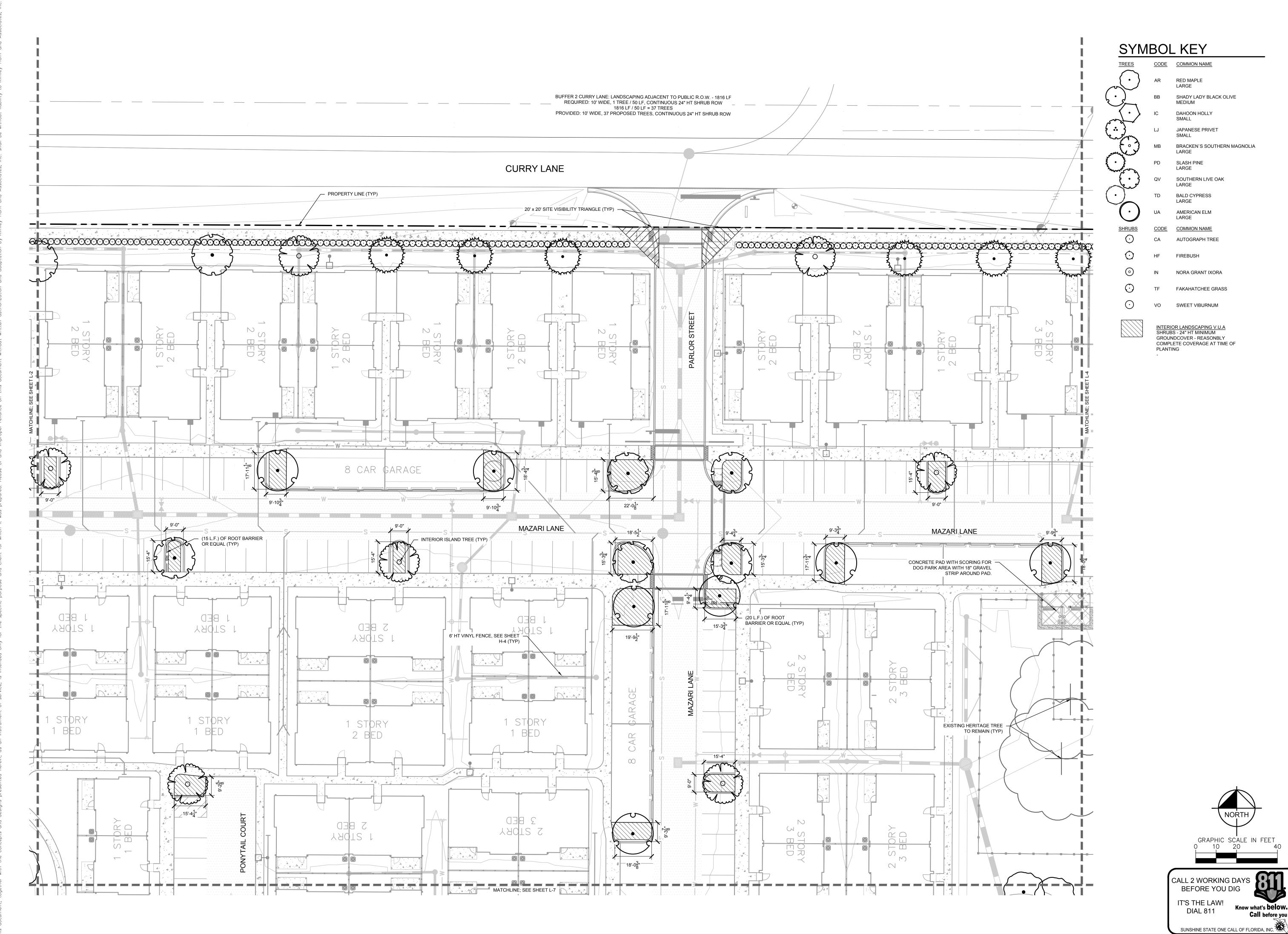
INTERIOR LANDSCAPING V.U.A SHRUBS - 24" HT MINIMUM GROUNDCOVER - REASONBLY COMPLETE COVERAGE AT TIME OF PLANTING

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SHADY LADY BLACK OLIVE

JAPANESE PRIVET

BRACKEN'S SOUTHERN MAGNOLIA

SOUTHERN LIVE OAK

FAKAHATCHEE GRASS

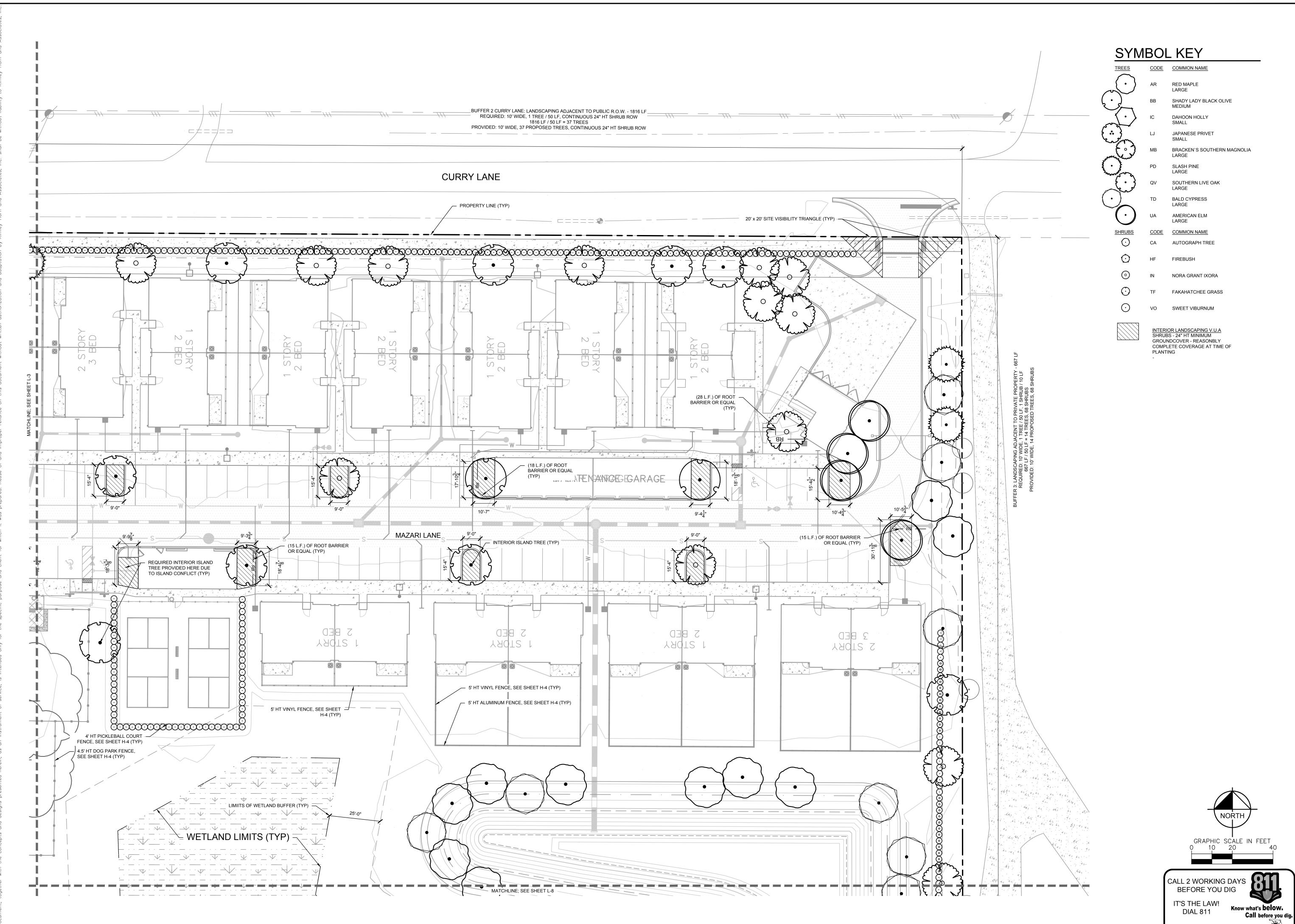
INTERIOR LANDSCAPING V.U.A SHRUBS - 24" HT MINIMUM GROUNDCOVER - REASONBLY COMPLETE COVERAGE AT TIME OF

WATERMARK AT VENICE
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DEVELOMENT, LLC

SHEET NUMBER L-3

Know what's **below.** 

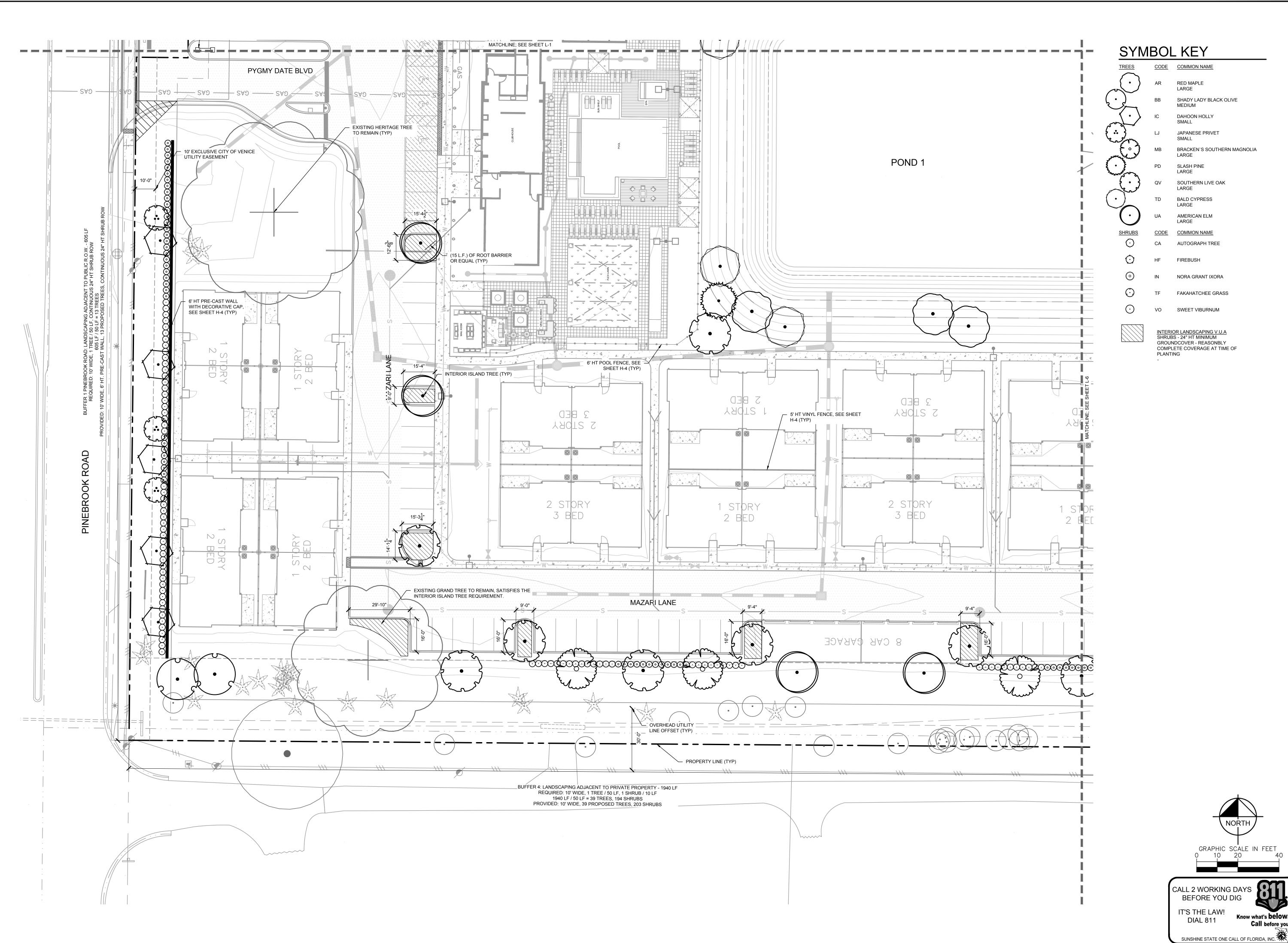
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SHEET NUMBER

SUNSHINE STATE ONE CALL OF FLORIDA, INC.



BB SHADY LADY BLACK OLIVE

JAPANESE PRIVET

BRACKEN'S SOUTHERN MAGNOLIA

FAKAHATCHEE GRASS

VO SWEET VIBURNUM

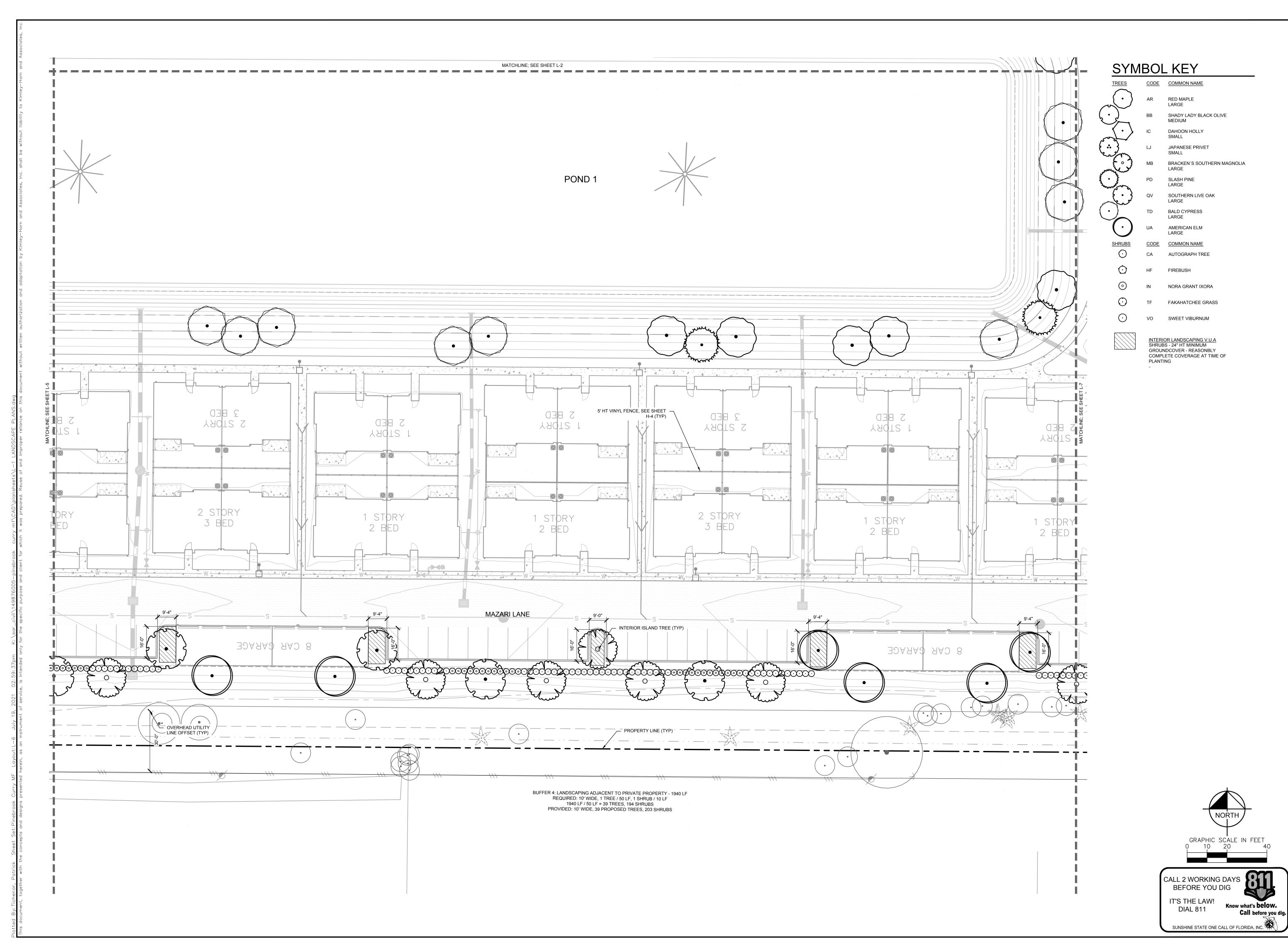
INTERIOR LANDSCAPING V.U.A SHRUBS - 24" HT MINIMUM GROUNDCOVER - REASONBLY COMPLETE COVERAGE AT TIME OF

WATERMARK AT VENICE
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SHEET NUMBER L-5

Know what's **below.** 

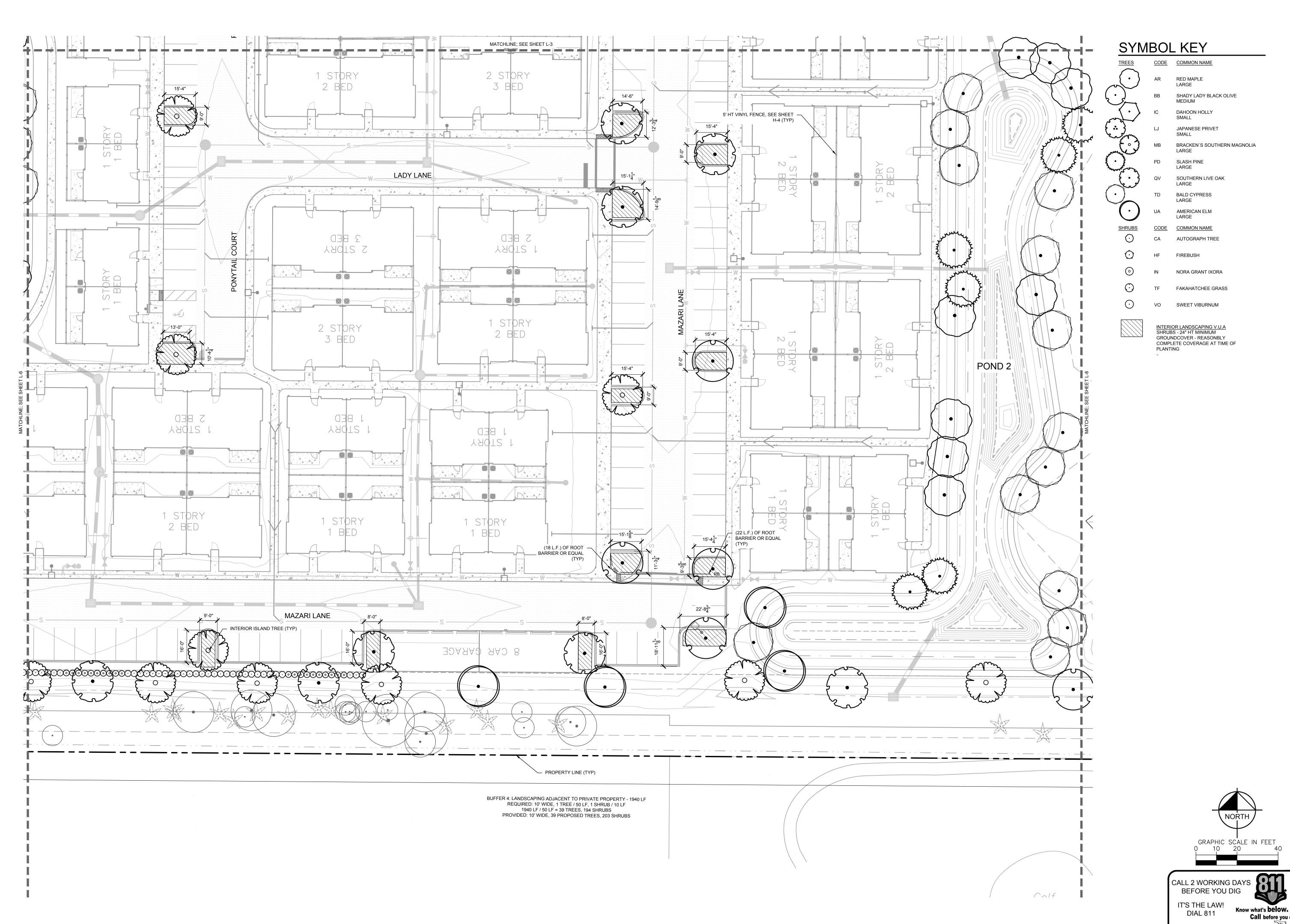
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ANDSC

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SHEET NUMBER L-6



BRACKEN'S SOUTHERN MAGNOLIA

Kim

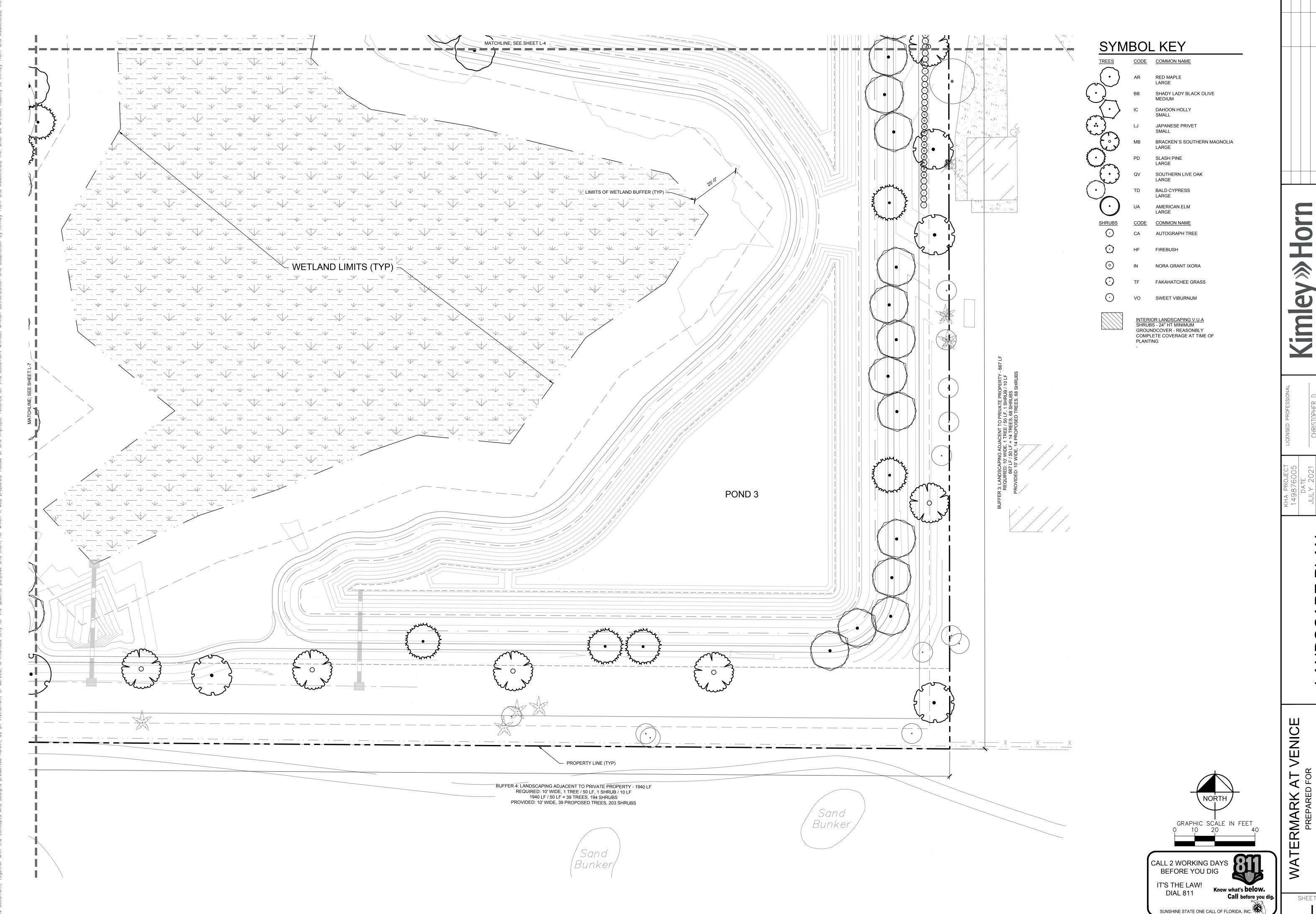
VENICE

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VENICE WATERMARK AT V PREPARED FOR THOMPSON THI DEVELOMENT,

SHEET NUMBER L-8

# LANDSCAPE NOTES

#### 1. SCOPE OF WORK

- 1.1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THESE PLANS.
- 1.2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF
- 1.3. WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS.

#### 2. PROTECTION OF EXISTING AND PROPOSED SITE ELEMENTS

- 2.1. PROTECT ALL EXISTING SITE ITEMS, ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
- 2.2. MAINTAIN ALL NECESSARY BMP DEVICES THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- 2.3 WHERE APPLICABLE SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE APPROPRIATE REGULATORY AGENCY STANDARDS UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, INDEX 102-600.
- 2.4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO CONSTRUCTION ACTIVITIES. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UTILITIES IS APPROXIMATE. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA: LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION: THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING WHEN ANY CONFLICT BETWEEN UTILITIES AND THESE PLANS EXIST PRIOR TO
- 2.5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO PLANT MATERIAL EXISTING OR OTHERWISE. THIS SHALL INCLUDE COMPACTION AND SPILLING OF ANY DELETERIOUS MATERIALS WITHIN THE DRIP-LINE OF EXISTING TREES TO REMAIN. PLANT MATERIAL KILLED OR DAMAGED THAT IS MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED WITH LIKE SIZE AND KIND TO THE SATISFACTION OF THE OWNER OR REGULATORY AGENCY AT THE COST TO THE CONTRACTOR.
- 2.6. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE

#### 3. SUBMITTALS

3.1. SUBMIT MATERIAL SAMPLES LISTED BELOW FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

> SAMPLE SIZE MUI CH ONE (1) GALLON PLASTIC BAG

- SOIL MIXTURE ONE (1) GALLON PLASTIC BAG ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)
- 3.2. SUBMIT TESTING RESULTS OF SOIL MIXTURE AS PER SECTION 6 BELOW.

#### 4. PLANT MATERIALS

- 4.1. ALL PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS INDICATED ON THE DRAWINGS AND SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT AND OWNER.
- 4.2. ALL TREE SPECIES INSTALLED SHALL BE MATCHED IN SIZE AND SHAPE UNLESS NOTED OTHERWISE.
- 4.3. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, UPON DELIVERY TO THE SITE, DURING PROGRESS OF THE WORK AND/OR AFTER COMPLETION. REJECTED PLANTS SHALL BE REMOVED AND REPLACED

# 5. DIGGING AND HANDLING

5.1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. NO PLANT MATERIAL SHALL BE HANDLED BY STEMS.

# 6. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

- 6.1. TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
- 6.2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
- 6.3. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN
- 6.4. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.
- 6.5. PLANT TREES IN THE EXISTING NATIVE SOIL ON SITE. UNLESS DETERMINED TO BE UNSUITABLE AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO

# 7. WATER

- 7.1. PROVIDE WATER NECESSARY FOR PLANTING ESTABLISHMENT AND MAINTENANCE. WATER SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS
- 7.2. WATERING/IRRIGATION RESTRICTIONS MAY APPLY REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

# 8. FERTILIZER

- 8.1. PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.
- 8.2. FERTILIZER RESTRICTIONS MAY APPLY REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

# 9. MULCH

- 9.1. APPLY AT A MINIMUM DEPTH OF THREE (3) INCHES OF ROCK MULCH. CONTRACTOR SHALL CLEAR ROCK MULCH FROM WITHIN A SIX (6) INCH RADIUS AROUND TRUNK / STEM FLARE. MULCH SHALL BE RIVER ROCK MULCH.
- 9.2. PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED ROCK MULCH OVER THE ENTIRE AREA OF EACH PLANTING BED AND TREE RING (SIX (6) FOOT DIAMETER MINIMUM).
- 9.3. REWORK ROCK MULCH BEDS AT THIN LOCATIONS OR WASHED OUT MULCH. ROCK SHOULD BE ADDED AT DOWNSPOUT
- 9.4. ADD ADDITIONAL ROCK MULCH, OF SAME COLOR, AND SIZE, IF REWORKING OF MULCH BEDS IS UNABLE TO MAINTAIN THE MINIMUM DEPTH REQUIRED

#### 10. CONTAINER GROWN STOCK

- 10.1. CONTAINER GROWN PLANTS SHALL HAVE BEEN GROWN IN IT'S CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN
- 10.2. INSUFFICIENT OR POORLY STRUCTURED ROOT SYSTEMS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
- 10.3. ROOTS PLUS GROWER (RPG) PRODUCTS SHALL BE USED WHERE SPECIFIED.

#### 11. MATERIALS LIST

11.1. ALL QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.

#### 12. FINE GRADING

- 12.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING WHICH CONSISTS OF FINAL FINISHED GRADING (INCLUDING ADDITIONAL SOIL MIXTURE AS NEEDED) FOR LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. FINISH GRADE SHALL ACCOUNT FOR THICKNESS OF SOD AND/OR MULCH DEPTH.
- 12.2. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S

#### 13. PLANTING PROCEDURES

- 13.1. CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. REMOVE ALL MORTAR, CEMENT, AND TOXIC MATERIAL FROM THE SURFACE OF ALL PLANT BEDS. DO NOT MIX THESE MATERIALS WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- 13.2. LOCATE, MAINTAIN AND PROTECT ALL UTILITIES ABOVE AND BELOW GROUND. CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- 13.3. NOTIFY LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY IF CONFLICT(S) EXIST WITH PROPOSED TREE LOCATIONS AND EXISTING OVERHEAD POWER LINES IN ACCORDANCE WITH SETBACK REQUIREMENTS OF FPL'S "RIGHT TREE, RIGHT PLACE" PROGRAM. CONSULT THE UNIVERSITY OF FLORIDA'S "TREES AND POWER LINE" WEBSITE FOR TREE SIZE CATEGORIES.
- 13.4. NOTIFY LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY IF CONFLICT(S) EXIST WITH PROPOSED TREE LOCATIONS AND EXISTING / PROPOSED LIGHT POLES. TREES INSTALLED IN CONFLICT WITH LIGHT POLES ARE SUBJECT TO RELOCATION AT THE EXPENSE OF THE CONTRACTOR.
- 13.5. REMOVE ALL EXISTING AND IMPORTED DELETERIOUS MATERIAL AND SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE AS NEEDED WITH CLEAN SOIL MIXTURE.
- 13.6. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK.
- 13.7. EXCAVATE ALL PLANTING PITS IN ACCORDANCE WITH LANDSCAPE DETAILS PROVIDED. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. IF POOR DRAINAGE EXISTS, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IN WRITING. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. CONTRACTOR SHALL ENSURE ELIMINATION OF ALL AIR POCKETS AROUND ROOTS.
- 13.8. SET TREES AND SHRUBS STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 13.9. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM UPPER ONE THIRD (1/3) OF ROOT BALLS.
- 13.10. ALL SUCKER GROWTH AND BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT IN ACCORDANCE WITH ANSI A-300
- 13.11. SHRUBS AND GROUND COVER PLANTS SHALL BE SPACED IN ACCORDANCE WITH THE DRAWINGS, LANDSCAPE DETAILS AND AS INDICATED ON THE PLANT LIST.
- 13.12. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN A PLUMB AND UPRIGHT POSITION.
- 13.13. FAILURE TO FOLLOW THE ABOVE PLANTING PROCEDURE SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

# 14. LAWN SODDING

- 14.1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING NECESSARY TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 14.2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS TO A MINIMUM DEPTH OF THREE (3) INCHES. PROVIDE ONE (1) INCH OF TOPSOIL ACROSS ENTIRE LAWN BED AND MIX THROUGHLY INTO TOP FOUR (4) INCHÉS OF SOIL TO BRING THE GROUND TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL TOPSOIL AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- 14.3. HAND RAKE LAWN BED UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
- 14.4. SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS UNLESS SPECIFICALLY NOTED OTHERWISE.
- 14.5. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- 14.6. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS. PAVED AND PLANTED AREAS.
- 14.7. IMMEDIATELY FOLLOWING SOD LAYING, ROLL LAWN AREAS WITH A LAWN ROLLER AND THEN THOROUGHLY IRRIGATED.
- 14.8. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 14.9. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY EXCESSIVE HEAT AND MOISTURE.
- 14.10. WITHIN THE CONTRACT LIMITS, PRODUCE AND MAINTAIN A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED. SUNKEN OR BARE SPOTS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

# 15. CLEANUP

15.1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

# 16. PLANT MATERIAL MAINTENANCE

16.1. ALL PLANT MATERIAL SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) AS NECESSARY TO INSURE HEALTHY AND VIGOROUS GROWING CONDITIONS BY THE CONTRACTOR UPON DELIVERING TO THE SITE AND UNTIL FINAL ACCEPTANCE OF WORK.

# 17. FINAL INSPECTION AND ACCEPTANCE OF WORK

- 17.1. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE PER MANUFACTURER RECOMMENDATIONS. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)
- 17.2. PROVIDE WATERING/IRRIGATION SCHEDULE FOR ALL PLANT MATERIAL TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- 17.3. UPON COMPLETION OF ALL WORK, A FINAL INSPECTION SHALL BE PERFORMED BY THE OWNER AND/OR OWNER'S REPRESENTATIVE. ALL PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT SHALL BE INSPECTED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ANY ITEMS FOUND TO NOT BE IN COMPLIANCE

#### 18. WARRANTY

- WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF
- 18.2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION THROUGHOUT THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER. ANY REPLACED PLANT MATERIAL SHALL BE SUBJECT TO A NEW ONE
- 18.3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH.

#### 19. ABBREVIATIONS

CAL -CALIPER

FIELD GROWN FTG -FULL TO GROUND

HARDENED OFF

ROOTS PLUS GROWER

SHALL BE CORRECTED AT THE COST OF THE CONTRACTOR.

18.1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE CERTIFICATION AND ACCEPTANCE OF THE WORK BY THE OWNER AND/OR OWNER'S REPRESENTATIVE.

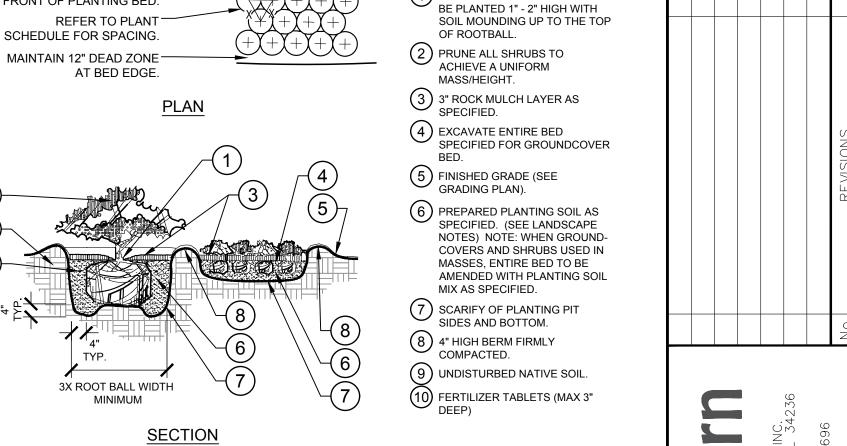
BALLED AND BURLAPPED BARE ROOT

CLEAR TRUNK DIAMETER AT BREAST HEIGHT

GW -**GREY WOOD** OVERALL HEIGHT

VENIC **TERMARK** 무 교

SHEET NUMBER



1 TOP OF SHRUB ROOTBALLS TO

3X ROOT BALL WIDTH

BEST FACE OF SHRUB/-

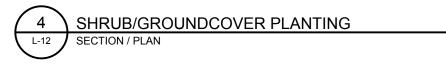
GROUNDCOVER TO FACE

FRONT OF PLANTING BED

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.



EXISTING GRADE (DASHED) 3X ROOT BALL WIDTH MINIMUM

MULCH/TOPSOIL BACKFILL —

TREE STABILIZATION AND —

FERTILIZATION SYSTEM

3X ROOTBALL WIDTH MIN

TREE PLANTING

ROOTBALL AND TRUNK —

(1) TRUNK/ROOT BALL TO BE CENTERED AND

ig(2ig) 6" DIA. CLEAR OF ROCK MULCH AT TRUNK FLARE.

FOR TREES SHALL BE 6' DIAMETER (MIN.) OR

AS DIRECTED BY OWNER'S REPRESENTATIVE.

3" MINIMUM ROCK MULCH AS SPECIFIED. WHERE

TREES ARE PLACED IN SOD, ROCK MULCH RING

(5) ANCHOR SYSTEM INSTALLED PER MANUFACTURER'S

PLUMB/LEVEL IN PLANTING PIT.

(4) 4" HIGH BERM, FIRMLY COMPACTED.

(6) FINISHED GRADE. (SEE GRADING PLAN)

(7) TOP OF ROOTBALL MIN. 1" ABOVE FINISHED

FINISHED GRADE. ROOTBALLS GREATER

THAN 24" DIAMETER SHALL BE PLACED ON

MOUND OF UNDISTURBED SOIL TO PREVENT

DIAMETER MAY SIT ON COMPACTED EARTH.

(11) SCARIFY BOTTOM AND SIDES OF PLANTING

SETTLING. ROOTBALLS SMALLER THAN 24" IN

FINAL TREE STAKING DETAILS AND PLACEMENT TO

. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING

THAT COULD GIRDLE TREE OR RESTRICT ROOT

PRUNE ALL TREES IN ACCORDANCE WITH ANSI

1) TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL

MOUNDING UP TO THE TOP OF

2) PRUNE SHRUBS AS DIRECTED BY

OWNER'S REPRESENTATIVE.

3) 3" MINIMUM OF ROCK 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

5) FINISHED GRADE (SEE GRADING

6 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE

7 SCARIFY SIDES AND BOTTOM OF

8 FERTILIZER TABLETS (MAX 3"

PLANTING PIT.

GROWTH) ON UPPER 1/3 OF ROOTBALL.

8 PREPARED PLANTING SOIL AS SPECIFIED.

9) TOP OF ROOTBALL SHALL BE 1" ABOVE

RECOMMENDATIONS.

(10) UNDISTURBED NATIVE SOIL.

BE APPROVED BY OWNER.

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO (9) UNDISTURBED NATIVE SOIL ACHIEVE UNIFORM MASS / HEIGHT.

SHRUB/GROUNDCOVER PLANTING ON A SLOPE

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

SHRUBS AND GROUNDCOVER REFER TO PLANTING PLANS 3" ROCK MULCH, TYP. REF. SPECIFICATIONS -2"-3" CUT PREPARED SOIL MIX-NOTE: NO STEEL EDGING TO BE REF. SPECIFICATIONS INSTALLED ALONG SIDEWALKS.

PLANTING BED EDGE DETAIL

MULCH/TOPSOIL BACKFILL —

TREE STABILIZATION AND -

FERTILIZATION SYSTEM

3X ROOTBALL

WIDTH MIN.

TREE PLANTING ON A SLOPE

ROOTBALL AND TRUNK —

MIN. 1/2 MATURE

SHRUB WIDTH

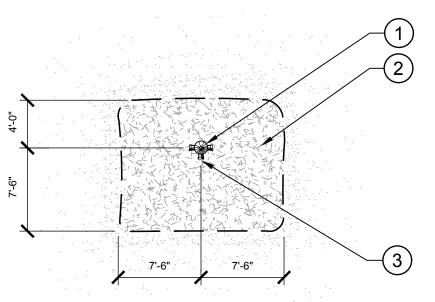
1) INSTALL CONTINUOUS ROCK MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. ROCK MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.

(2) CURB / PARKING LOT EDGE.

PARKING SPACE/CURB PLANTING

SHEET NUMBER

MIN. ½ MATURE MIN. ½ MATURE SHRUB WIDTH SHRŪB WIDTH MIN. 15' CLEAR



<u>PLAN</u>

SHRUB PLANTING AT FIRE HYDRANT

1 ) FIRE HYDRANT. 2) NO PLANT EXCEEDING 12" MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON

FRONT OF HYDRANT (TOWARD CURB)

B. PROTECT AND RETAIN ALL BASE MATERIAL, AND COMPACTED SUBGRADE BELOW CURBS AND

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

10 \ PLANTED PARKING LOT ISLANDS/MEDIANS

ADJACENT HARDSCAPE, CONDITION MAY VARY CLEAR AT TRUNKS

(1) 24" DEEP APPROVED PLANTING MIX. SEE NOTES A-C.

(2) ALL ISLANDS AND LANDSCAPE AREAS SHALL BE FINE GRADED AND SLOPED TO 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 ROCK MULCH AS SPECIFIED, REFER TO GENERAL LANDSCAPE 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

HARDSCAPE FOR STRUCTURAL SUPPORT OF CURB / HARDSCAPE (TYP).

(1) TRUNK/ROOT BALL TO BE CENTERED AND

ig(2ig) 6" DIA. CLEAR OF ROCK MULCH AT TRUNK FLARE.

4) 3" MINIMUM ROCK MULCH AS SPECIFIED. WHERE TREES

SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY

ARE PLACED IN SOD, ROCK MULCH RING FOR TREES

PLUMB/LEVEL IN PLANTING PIT.

(3) 3. 4" HIGH BERM, FIRMLY COMPACTED.

(5) TERRA TOGGLE EARTH ANCHOR SYSTEM

(6) 4" MIN. OF TOPSOIL TO BRING TO FINISHED

(7) TOP OF ROOTBALL MIN. 1" ABOVE FINISHED

(8) PREPARED PLANTING SOIL AS SPECIFIED.

(9) ROOTBALLS GREATER THAN 24" DIAMETER

(11) SCARIFY BOTTOM AND SIDES OF PLANTING

(12) CUT BACK SLOPE TO PROVIDE A FLAT SURFACE FOR PLANTING.

UNDISTURBED SOIL TO PREVENT SETTLING.

DIAMETER MAY SIT ON COMPACTED EARTH.

FINAL TREE STAKING DETAILS AND PLACEMENT TO

B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING

GROWTH) ON UPPER 1/3 OF ROOTBALL.

C. PRUNE ALL TREES IN ACCORDANCE WITH ANSI

THAT COULD GIRDLE TREE OR RESTRICT ROOT

SHALL BE PLACED ON MOUND OF

ROOTBALLS SMALLER THAN 24" IN

(10) UNDISTURBED NATIVE SOIL.

BE APPROVED BY OWNER.

INSTALLED PER MANUFACTURER'S

OWNER'S REPRESENTATIVE.

GRADE. (SEE GRADING PLAN)

RECOMMENDATIONS.

ROCK MULCH

MATURE

SHRUB WIDTH

1. CLEAR ZONE: 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.

24" MIN. CLEAR

2. INSTALL SPECIFIED ROCK MULCH: 24" MIN. FROM BUILDING. SPECIFIED ROCK MULCH TO BE INSTALLED AT A DEPTH OF 3" (MIN.)

7 \ PLANTINGS ADJACENT TO BUILDINGS

OA =OVERALL PALM

HEIGHT (MEASURED

CT =CLEAR TRUNK

TO TOP OF BUD)

(MEASURED TO

LEAF SHEATHS)

GW =GRAY WOOD

OF HARDENED

PALM PLANTING

(MEASURED TO TOP

BOTTOM OF

(1) 5 LAYERS OF BURLAP TO PROTECT

2) FIVE 2" X 4" X 18" WOOD BATTENS.

(3) SECURE BATTENS WITH 2-3/4" CARBON

STEEL BANDS TO HOLD BATTENS IN

THE PALM FOR ADEQUATE BRACING.

8) 2X4X24" (MIN) P.T. WOOD STAKES (TYP.)

(9) PREPARED PLANTING SOIL AS SPECIFIED.

TO BE APPROVED BY OWNER.

AREA OUTSIDE TREE PIT.

FINAL TREE STAKING DETAILS AND PLACEMENT

B. ALL TREE STAKING IS TO BE WITHIN MULCH BED

CONTRACTOR SHALL ASSURE PERCOLATION OF

REFER TO POOR DRAINAGE CONDITION DETAIL.

ALL PLANTING PITS PRIOR TO INSTALLATION -

(4) (3) 2"X4"X8' SUPPORTS. NAIL (DRILL AN

4" STAKES. STAIN DARK BROWN.

(5) 3" SPECIFIED ROCK MULCH

(6) BERM SOIL TO HOLD WATER.

NAIL TO SUPPORT POLES.

(SEE LANDSCAPE NOTES).

7) FINISH GRADE

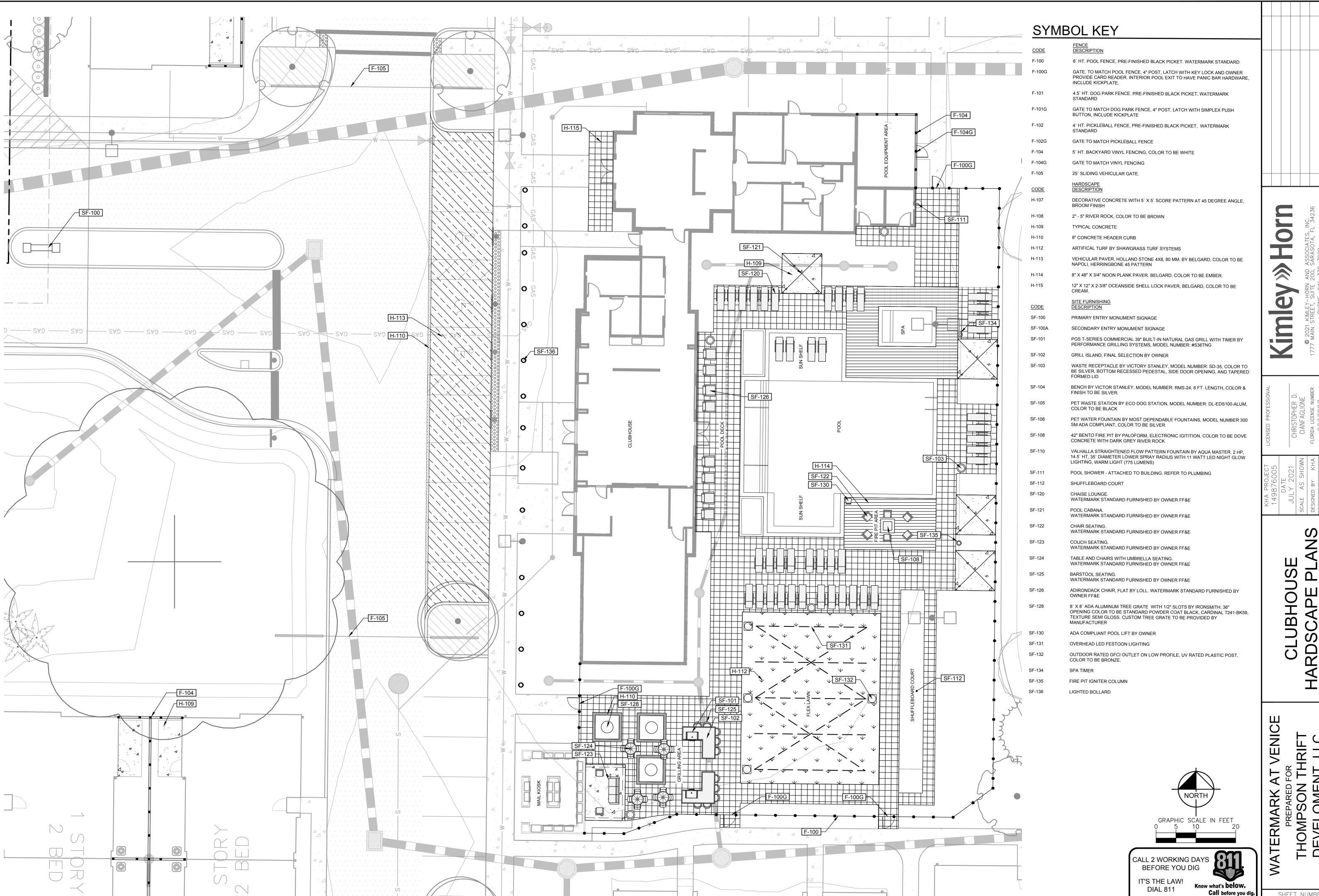
PLACE. NO NAILS SHALL BE DRIVEN INTO

LOCATED IN RELATION TO THE HEIGHT OF

NAIL IF NECESSARY) TO BATTENS AND 2"

PALM. HEIGHT OF BATTENS SHALL BE

VENICI WATERMARK

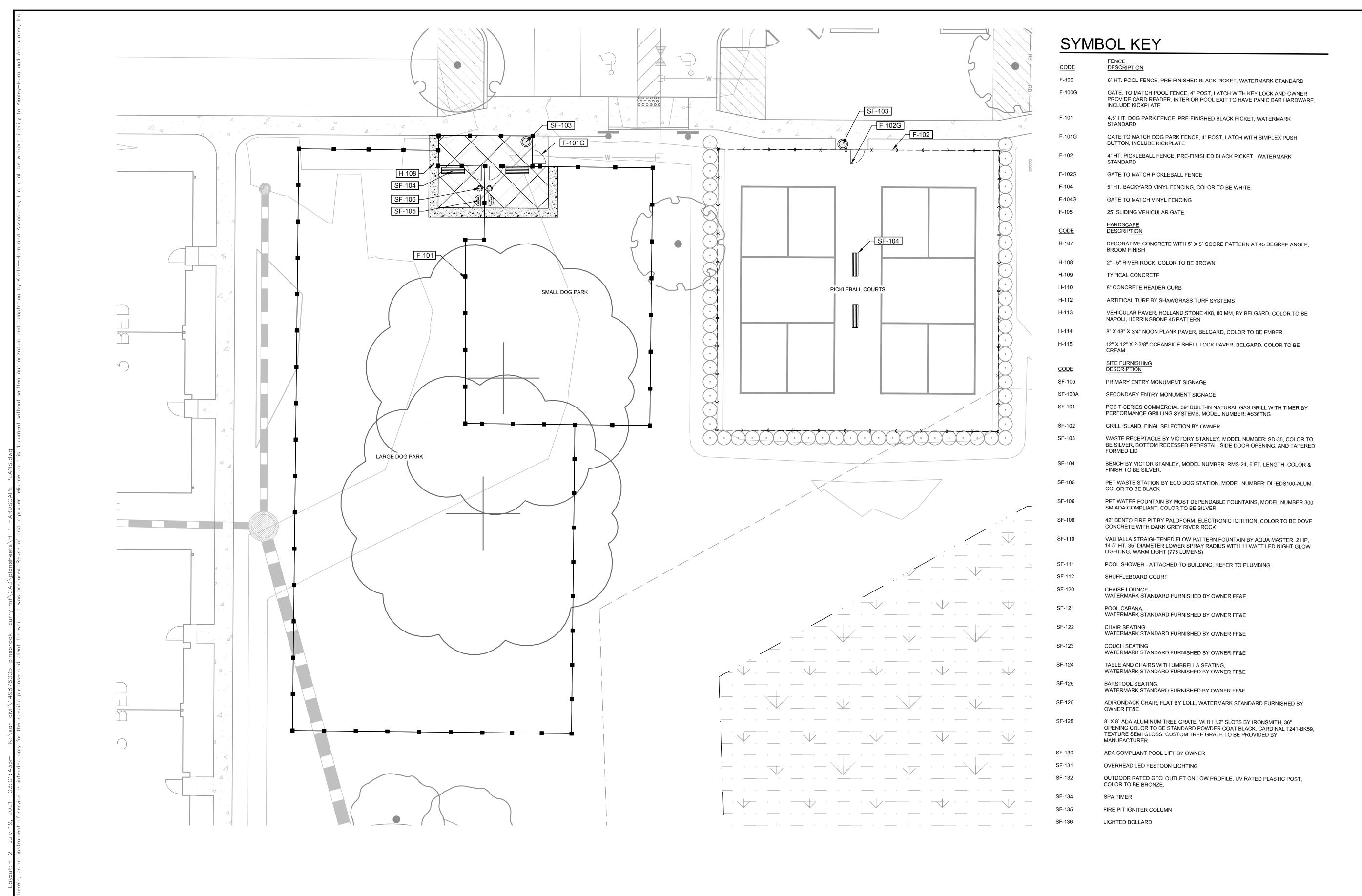


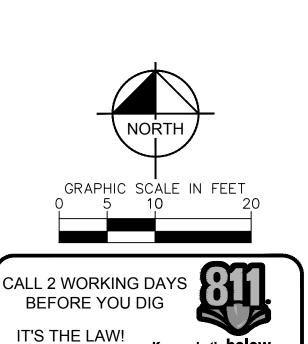
Call before you dig. SUNSHINE STATE ONE CALL OF FLORIDA, INC.

THOMP: DEVEL(

RD

SHEET NUMBER





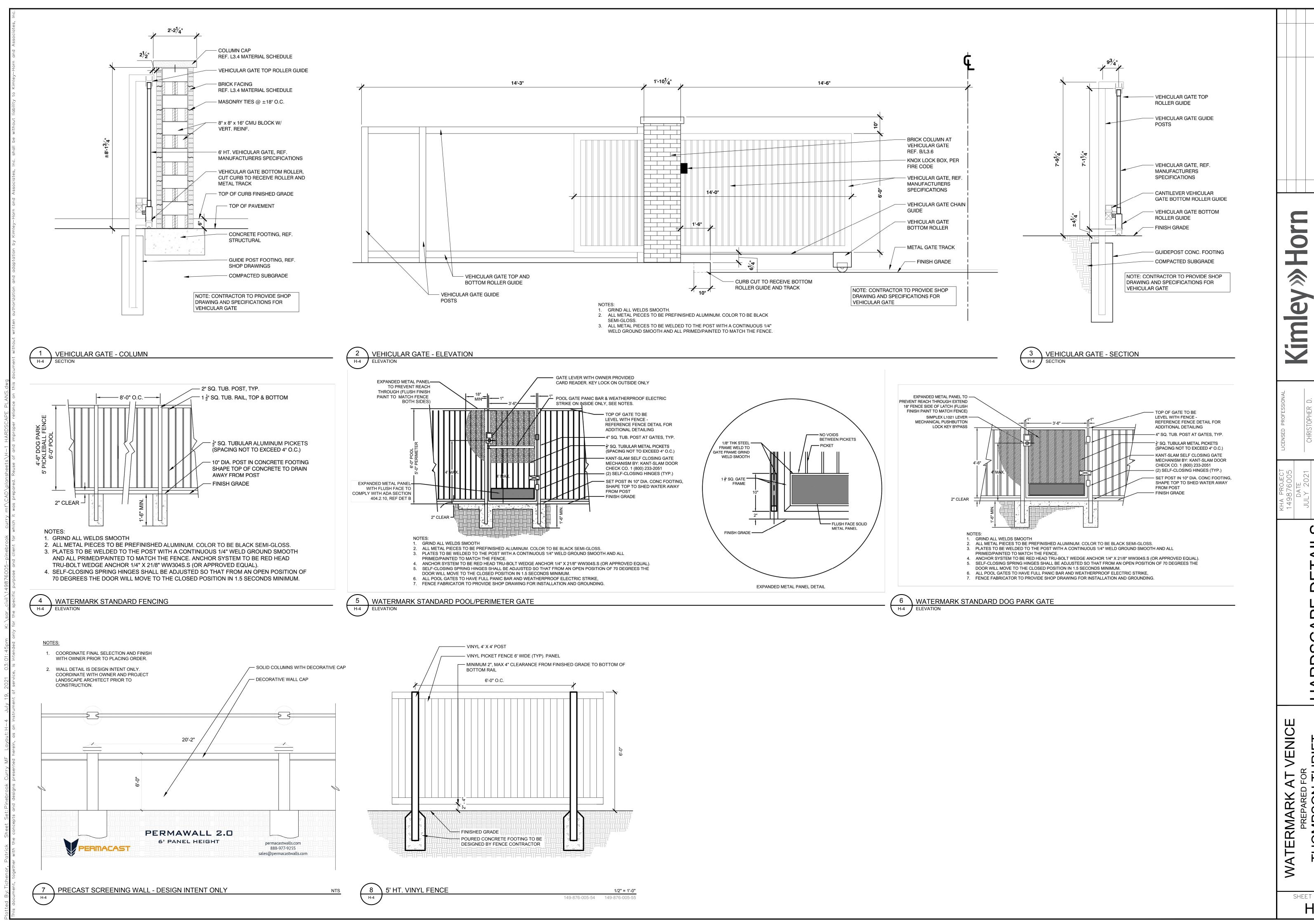
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WATERMARK AT V PREPARED FOR THOMPSON TH DEVELOMENT, H-2

VENICE

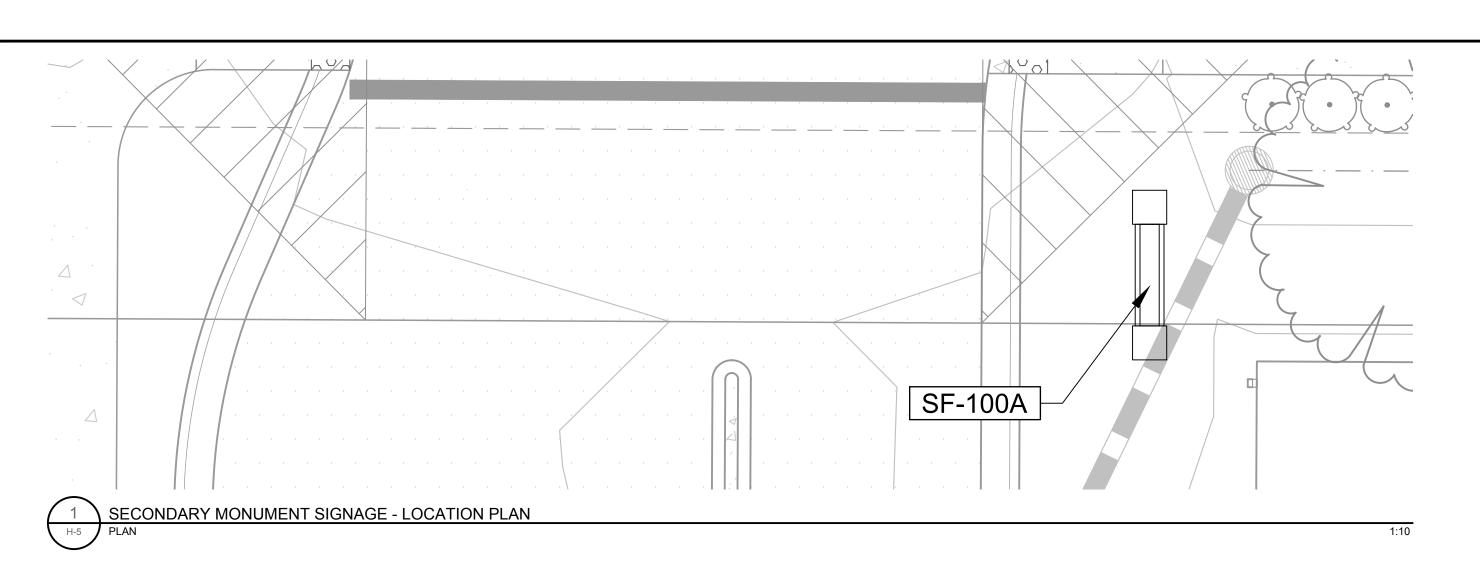
SHEET NUMBER

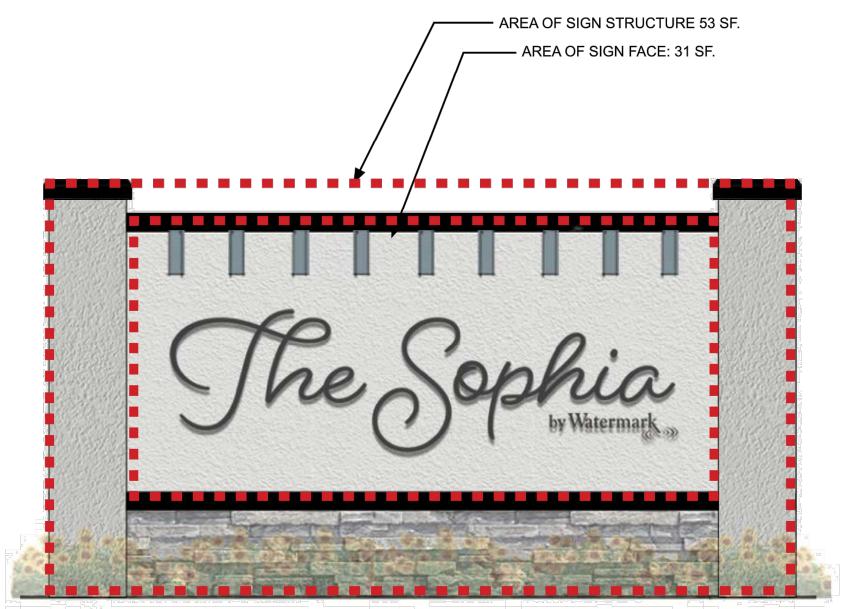
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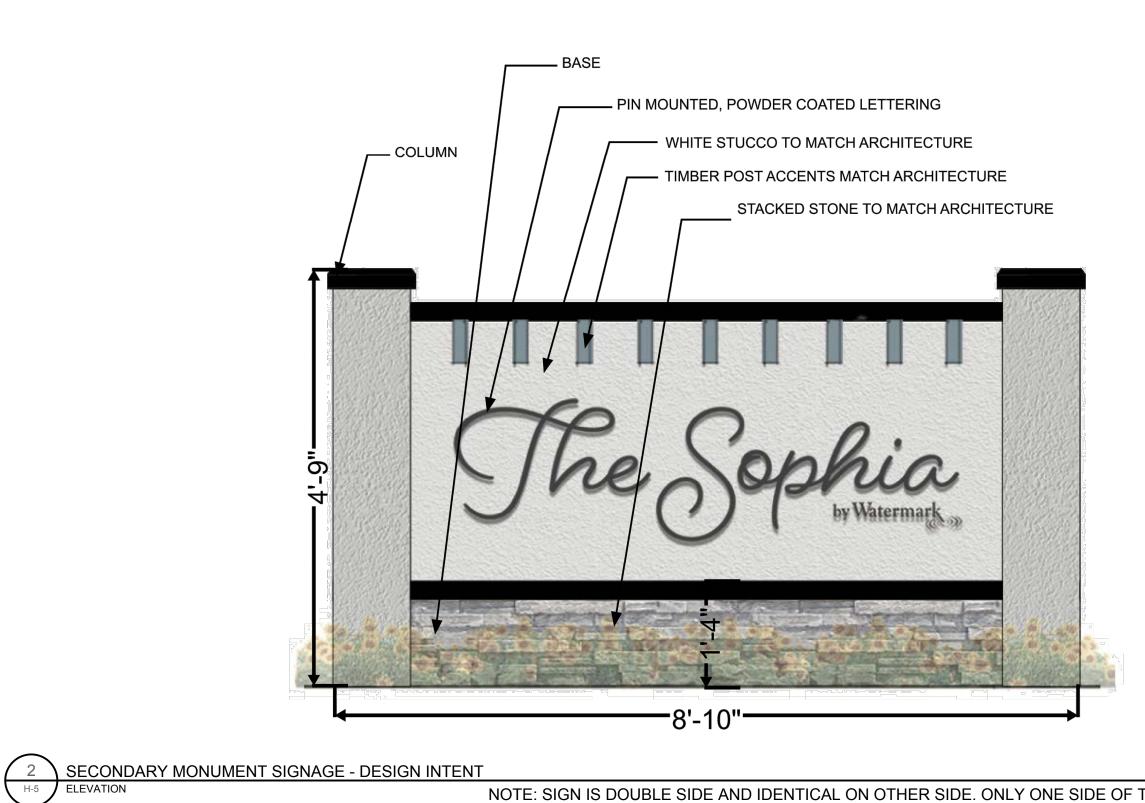


WATERMARK AT V PREPARED FOR THOMPSON THI DEVELOMENT, THOMP? DEVEL(

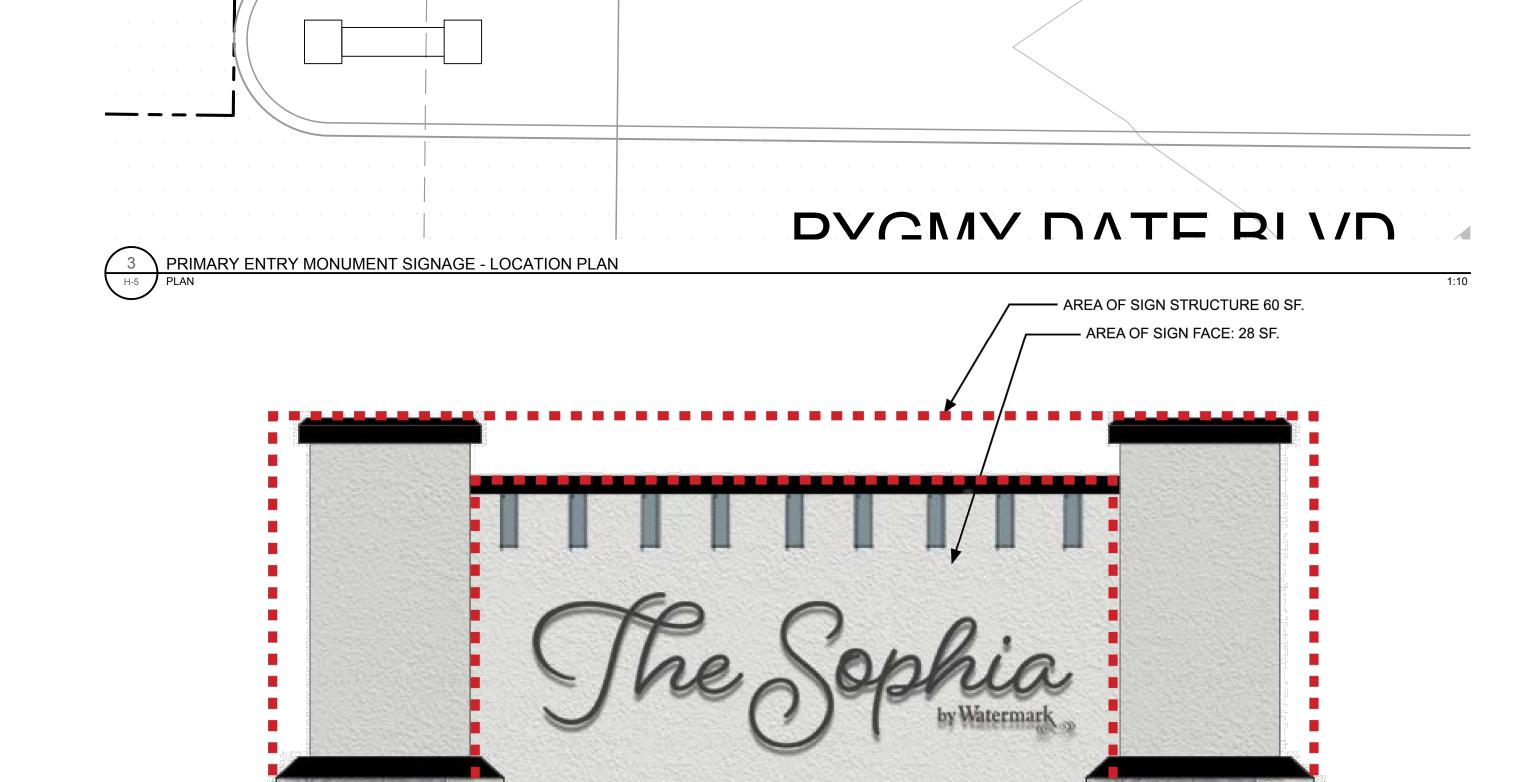
> SHEET NUMBER H-4

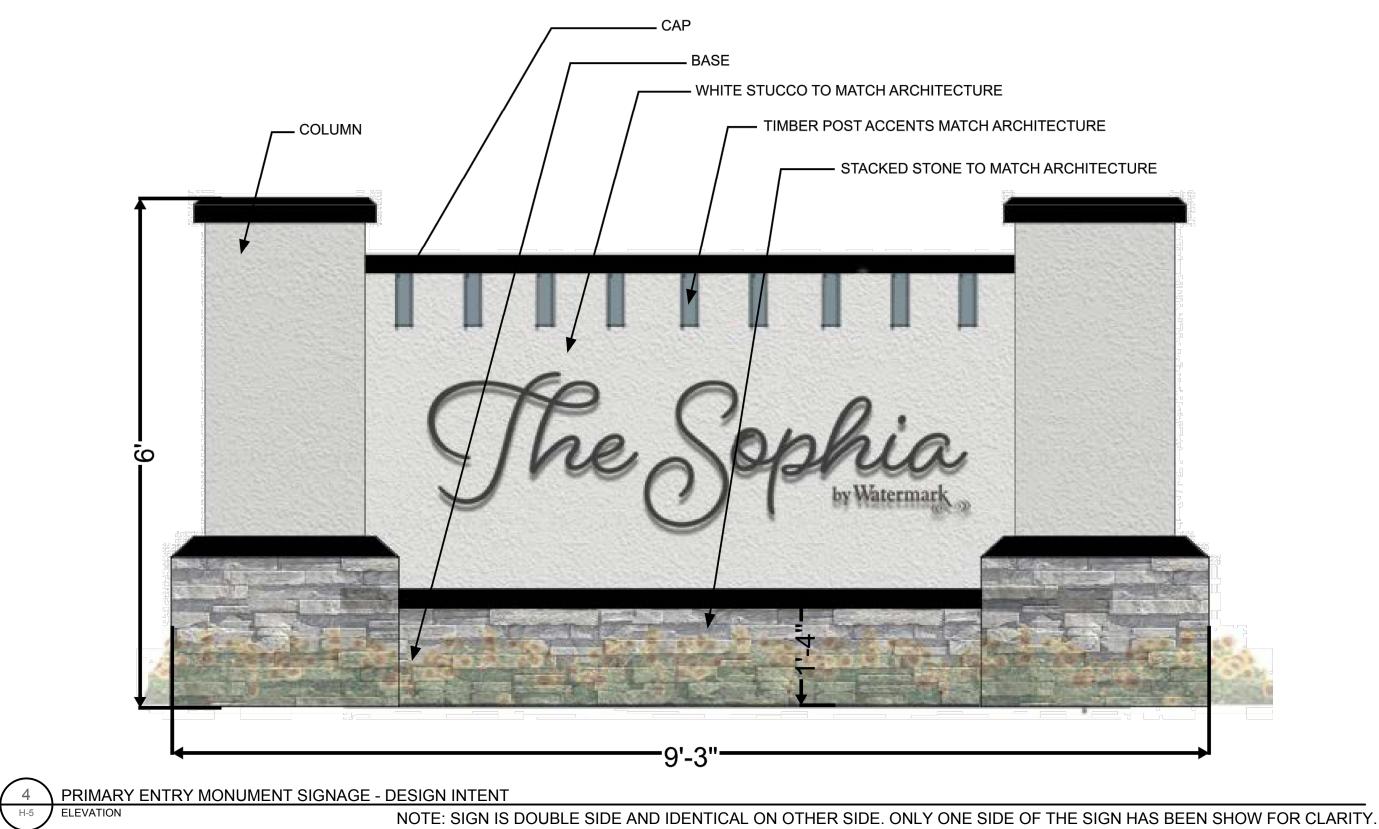






NOTE: SIGN IS DOUBLE SIDE AND IDENTICAL ON OTHER SIDE. ONLY ONE SIDE OF THE SIGN HAS BEEN SHOW FOR CLARITY.





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