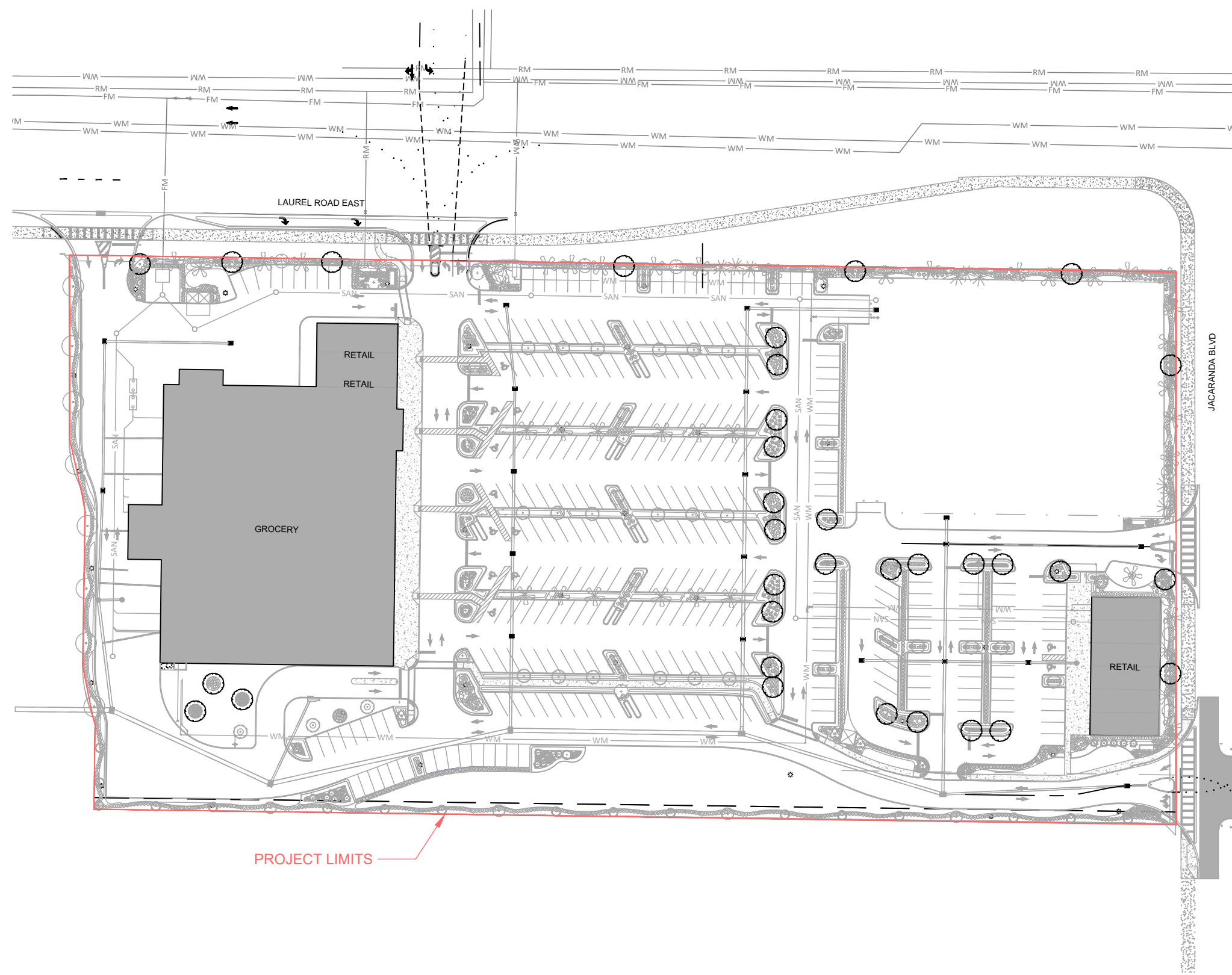


THE VILLAGE AT LAUREL AND JACARANDA

PROJECT ADDRESS
JACARANDA BLVD + LAUREL RD
VENICE, FL

PROJECT LOCATION MAP



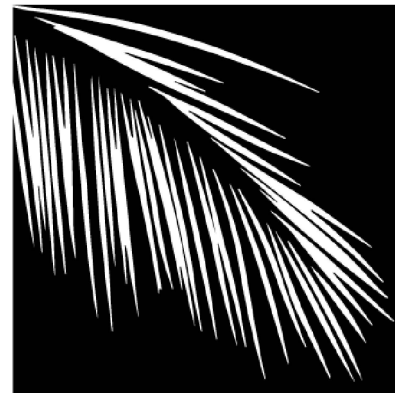
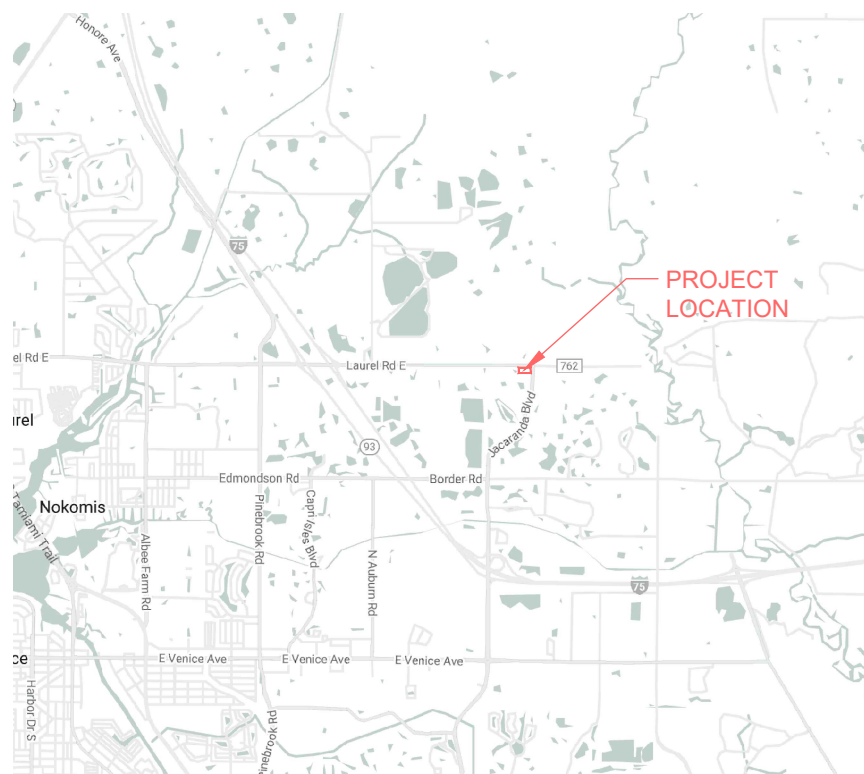
CODE MINIMUM SET LANDSCAPE ARCHITECTURE

06.12.2024

SHEET INDEX

SHEET NO.	TITLE
--	COVER SHEET
L0.01	TREE MITIGATION
L0.02	TREE MITIGATION SPECIFICATIONS & DETAILS
L1.00	SHEET KEY
L1.01	LANDSCAPE LAYOUT
L1.02	LANDSCAPE LAYOUT
L1.03	SOD LAYOUT
L1.04	LANDSCAPE DETAILS
L1.05	LANDSCAPE SPECIFICATIONS & SCHEDULE

VICINITY MAP



S.W.S.
LANDSCAPE ARCHITECTURE
STEWART • WASHMUTH • SOLLARS
DESIGN TEAM

CLIENT:
NEAL COMMUNITIES
5800 LAKEWOOD RANCH BLVD
BRADENTON, FL 34202
CONTACT: HARRY RUSSOM
CONTACT PHONE: 941.313.1963
CONTACT EMAIL: HRUSSOM@NEALCOMMUNITIES.COM

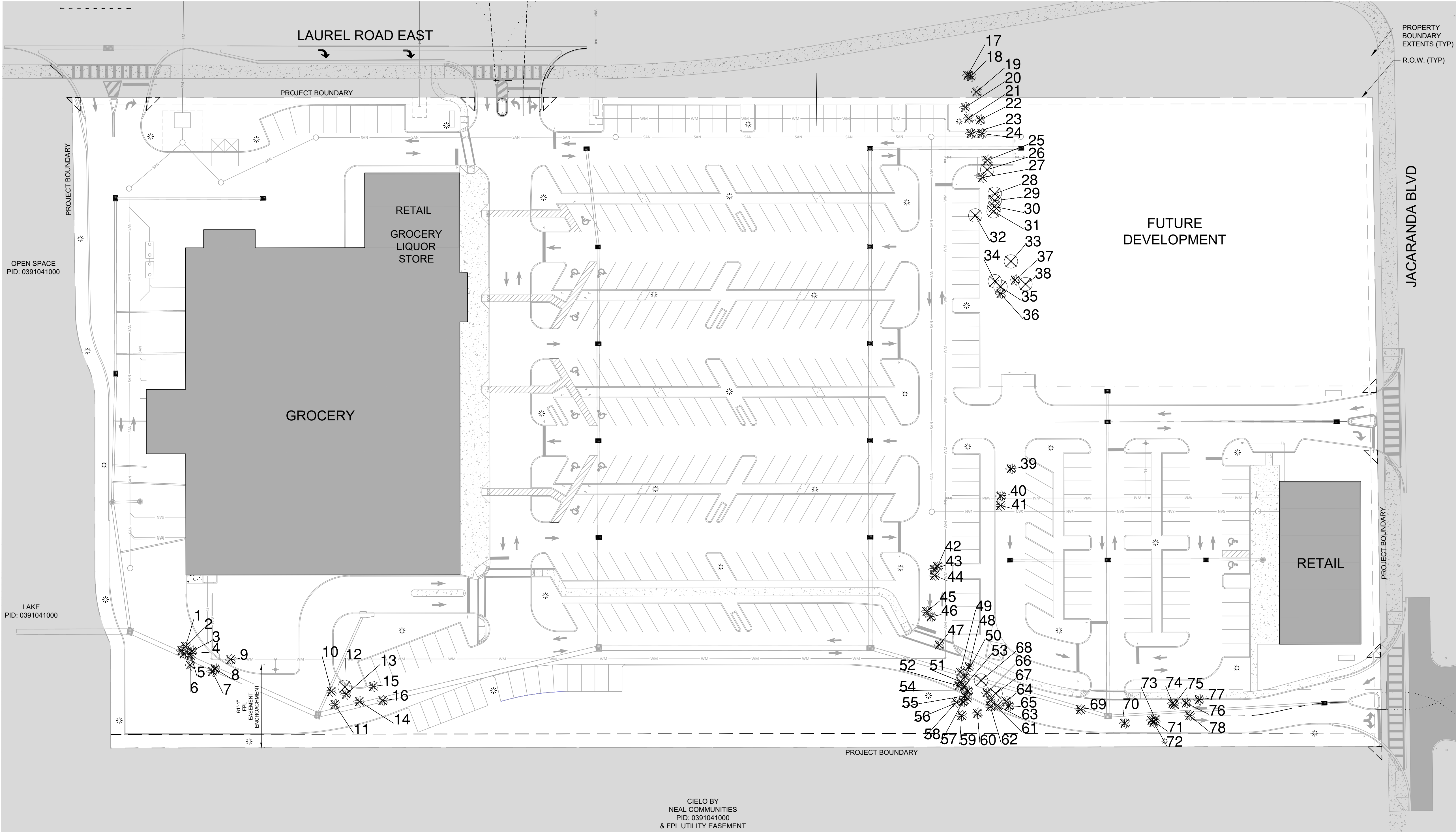
CIVIL ENGINEER:
AM ENGINEERING, LLC
8340 CONSUMER COURT
SARASOTA, FL 34240
CONTACT: BOBBI CLAYBROOKE
CONTACT PHONE: 941.377.9178
CONTACT EMAIL: BCCLAYBROOKE@AMENGL.COM

DIGITAL SIGNATURE

SEAL



Plotted By: RECCAP/RELL, Shaw, S&P, Layout: TM-03 TREE MITIGATION June 11, 2024 10:08:58am V:\Stewart\Washmuth\Dropbox\AutoCAD\Final\2024-Projects\2204 - Palms at Jacaranda\Cut\Plan_Sheet\LA 0.01 Landscape Layout.dwg



NUMBER	SIZE (DBH)	TYPE	STATUS
1	16"	PALM	REMOVE
2	16"	PALM	REMOVE
3	14"	PALM	REMOVE
4	16"	PALM	REMOVE
5	14"	PALM	REMOVE
6	16"	PALM	REMOVE
7	16"	PALM	REMOVE
8	16"	PALM	REMOVE
9	16"	PALM	REMOVE
10	13"	PALM	REMOVE
11	9"	PALM	REMOVE
12	22"	PINE	REMOVE
13	11"	PALM	REMOVE
14	21"	PALM	REMOVE
15	19"	PALM	REMOVE
16	19"	PALM	REMOVE
17	14"	PALM	REMOVE
18	14"	PALM	REMOVE
19	16"	PALM	REMOVE
20	11"	PALM	REMOVE

20	11"	PALM	REMOVE
21	12"	PALM	REMOVE
22	10"	PALM	REMOVE
23	18"	PALM	REMOVE
24	11"	PALM	REMOVE
25	10"	PALM	REMOVE
26	18"	PINE	REMOVE
27	10"	PALM	REMOVE
28	13"	PINE	REMOVE
29	7"	PINE	REMOVE
30	8"	PINE	REMOVE
31	12"	PINE	REMOVE
32	13"	PINE	REMOVE
33	14"	PINE	REMOVE
34	11"	PINE	REMOVE
35	13"	PINE	REMOVE
36	20"	PALM	REMOVE
37	18"	PALM	REMOVE
38	15"	PINE	REMOVE
39	11"	PALM	REMOVE
40	9"	PALM	REMOVE

40	9"	PALM	REMOVE
41	9"	PALM	REMOVE
42	9"	PALM	REMOVE
43	10"	PALM	REMOVE
44	17"	PALM	REMOVE
45	10"	PALM	REMOVE
46	10"	PALM	REMOVE
47	10"	PALM	REMOVE
48	11"	PALM	REMOVE
49	17"	PALM	REMOVE
50	15"	PALM	REMOVE
51	14"	PALM	REMOVE
52	14"	PALM	REMOVE
53	9"	PALM	REMOVE
54	9"	PALM	REMOVE
55	9"	PALM	REMOVE
56	11"	PALM	REMOVE
57	11"	PALM	REMOVE
58	14"	PALM	REMOVE
59	14"	PALM	REMOVE
60	11"	PALM	REMOVE

60	11"	PALM	REMOVE
61	15"	PALM	REMOVE
62	15"	PALM	REMOVE
63	15"	PALM	REMOVE
64	14"	PALM	REMOVE
65	15"	PALM	REMOVE
66	9"	PALM	REMOVE
67	20"	PINE	REMOVE
68	17"	PINE	REMOVE
69	9"	PALM	REMOVE
70	11"	PALM	REMOVE
71	12"	PALM	REMOVE
72	13"	PALM	REMOVE
73	12"	PALM	REMOVE
74	10"	PALM	REMOVE
75	10"	PALM	REMOVE
76	11"	PALM	REMOVE
77	11"	PALM	REMOVE
78	14"	PALM	REMOVE

SYMBOL KEY

TREE TO BE REMOVED

PALM TO BE REMOVED

NORTH

0'20'40'80'

CALL 2 WORKING DAYS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

S.W.S.

LANDSCAPE ARCHITECTURE

STEWART • WASHMUTH • SOLLARS

THE VILLAGE AT LAUREL AND JACARANDA

JACARANDA BLVD + LAUREL RD

VENICE, FL

REVISIONS

REVISION #	BY	DATE

SUBMITTAL INFORMATION

PROJECT NO.: 2204

CONTRACT DATE: 02.11.22

CHECKED BY: RWS

DRAWN BY: RWS

SUBMITTAL: CODE

ISSUED DATE: 06.12.2024

SIGNATURE & SEAL

STEWART WASHMUTH SOLLARS LANDSCAPE ARCHITECTURE, INC.

LA 6667233

STATE OF FLORIDA

REGISTERED LANDSCAPE ARCHITECT

LA 6667233

STATE OF FLORIDA

TREE MITIGATION

L0.01

TREE MITIGATION NOTES

PART 1 – SUMMARY

- 1.1 GENERAL
- THE SCOPE OF WORK INCLUDES ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, FACILITIES, TRANSPORTATION AND SERVICES NECESSARY FOR, AND INCIDENTAL TO PERFORMING ALL OPERATIONS IN CONNECTION WITH PROTECTION OF EXISTING TREES AND OTHER PLANTS AS SHOWN ON THE DRAWINGS AND AS SPECIFIED HEREIN.
1. PROVIDE PRECONSTRUCTION EVALUATIONS
 2. PROVIDE TREE AND PLANT PROTECTION FENCING.
 3. PROVIDE PROTECTION OF ROOT ZONES AND ABOVE GROUND TREE AND PLANTS
 4. PROVIDE PRUNING OF EXISTING TREES AND PLANTS.
 5. COORDINATE WITH THE REQUIREMENTS OF SECTION PLANTING SOIL FOR MODIFICATIONS TO THE SOIL WITHIN THE ROOT ZONE OF EXISTING TREES AND PLANTS.
 6. PROVIDE ALL INSECT AND DISEASE CONTROL.
 7. PROVIDE MAINTENANCE OF EXISTING TREES AND PLANTS INCLUDING IRRIGATION DURING THE CONSTRUCTION PERIOD AS RECOMMENDED BY THE ARBORIST REPORT.
 8. PROVIDE MAINTENANCE OF EXISTING TREES AND PLANTS INCLUDING IRRIGATION DURING THE POST CONSTRUCTION PLANT MAINTENANCE PERIOD.
 9. REMOVE TREE PROTECTION FENCING AND OTHER PROTECTION FROM AROUND AND UNDER TREES AND PLANTS.
 - 10.CLEAN UP AND DISPOSAL OF ALL EXCESS AND SURPLUS MATERIAL.
- 1.2 CONTRACT DOCUMENTS
- A. SHALL CONSIST OF SPECIFICATIONS AND GENERAL CONDITIONS AND THE DRAWINGS. THE INTENT OF THESE DOCUMENTS IS TO INCLUDE ALL LABOR, MATERIALS, AND SERVICES NECESSARY FOR THE PROPER EXECUTION OF THE WORK. THE DOCUMENTS ARE TO BE CONSIDERED AS ONE. WHATEVER IS CALLED FOR BY ANY PARTS SHALL BE AS BINDING AS IF CALLED FOR IN ALL PARTS.
- B. IT IS THE INTENT OF THIS SECTION THAT THE REQUIREMENTS APPLY TO ALL SECTIONS OF THE PROJECT SPECIFICATION SUCH THAT ANY SUBCONTRACTOR MUST COMPLY WITH THE RESTRICTIONS ON WORK WITHIN DESIGNATED TREE AND PLANT PROTECTION AREAS.
- 1.3 RELATED DOCUMENTS AND REFERENCES
- A. RELATED DOCUMENTS:
1. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION I SPECIFICATIONS APPLY TO WORK OF THIS SECTION.
 2. SECTION - PLANTING SOIL
 3. SECTION - IRRIGATION
 4. SECTION - PLANTING
 5. SECTION - LAWN
- B. REFERENCES: THE FOLLOWING SPECIFICATIONS AND STANDARDS OF THE ORGANIZATIONS AND DOCUMENTS LISTED IN THIS PARAGRAPH FORM A PART OF THE SPECIFICATION TO THE EXTENT REQUIRED BY THE REFERENCES THERETO. IN THE EVENT THAT THE REQUIREMENTS OF THE FOLLOWING REFERENCED STANDARDS AND SPECIFICATION CONFLICT WITH THIS SPECIFICATION SECTION THE REQUIREMENTS OF THIS SPECIFICATION SHALL PREVAIL. IN THE EVENT THAT THE REQUIREMENTS OF ANY OF THE FOLLOWING REFERENCED STANDARDS AND SPECIFICATIONS CONFLICT WITH EACH OTHER THE MORE STRINGENT REQUIREMENT SHALL PREVAIL.
1. ANSI A 300 (PART 5) - STANDARD PRACTICES FOR TREE, SHRUB AND OTHER WOODY PLANT MAINTENANCE, MOST CURRENT EDITIONS.
 2. PRUNING PRACTICES SHALL CONFORM WITH RECOMMENDATIONS "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY"; PUBLISHED BY URBAN TREE FOUNDATION, VISALIA, CALIFORNIA; MOST CURRENT EDITION.
 3. GLOSSARY OF ARBORICULTURAL TERMS, INTERNATIONAL SOCIETY OF ARBORICULTURE, CHAMPAIGN IL, MOST CURRENT EDITION.
- 1.4 VERIFICATION
- A. ALL SCALED DIMENSIONS ON THE DRAWINGS ARE APPROXIMATE. BEFORE PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES, AND SHALL IMMEDIATELY INFORM THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE INFORMATION ON THE DRAWINGS AND THE ACTUAL CONDITIONS, REFRAINING FROM DOING ANY WORK IN SAID AREAS UNTIL GIVEN APPROVAL TO DO SO BY THE OWNER'S REPRESENTATIVE.
- 1.5 PERMITS AND REGULATIONS
- A. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS RELATED TO THIS SECTION OF THE WORK UNLESS PREVIOUSLY EXCLUDED UNDER PROVISION OF THE CONTRACT OR GENERAL CONDITIONS, THE CONTRACTOR SHALL COMPLY WITH ALL LAWS AND ORDINANCES BEARING ON THE OPERATION OR CONDUCT OF THE WORK AS DRAWN AND SPECIFIED. IF THE CONTRACTOR OBSERVES THAT A CONFLICT EXISTS BETWEEN PERMIT REQUIREMENTS AND THE WORK OUTLINED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING INCLUDING A DESCRIPTION OF ANY NECESSARY CHANGES AND CHANGES TO THE CONTRACT PRICE RESULTING FROM CHANGES IN THE WORK.
- B. WHEREVER REFERENCES ARE MADE TO STANDARDS OR CODES IN ACCORDANCE WITH WHICH WORK IS TO BE PERFORMED OR TESTED, THE EDITION OR REVISION OF THE STANDARDS AND CODES CURRENT ON THE EFFECTIVE DATE OF THIS CONTRACT SHALL APPLY, UNLESS OTHERWISE EXPRESSLY SET FORTH.
- C. IN CASE OF CONFLICT AMONG ANY REFERENCED STANDARDS OR CODES OR BETWEEN ANY REFERENCED STANDARDS AND CODES AND THE SPECIFICATIONS, THE MORE RESTRICTIVE STANDARD SHALL APPLY OR OWNER'S REPRESENTATIVE SHALL DETERMINE WHICH SHALL GOVERN.
- 1.6 PROTECTION OF WORK, PROPERTY AND PERSON
- A. THE CONTRACTOR SHALL PROTECT THE WORK, ADJACENT PROPERTY, AND THE PUBLIC, AND SHALL BE RESPONSIBLE FOR ANY DAMAGES OR INJURY DUE TO HIS/HER ACTIONS.
- 1.7 CHANGES IN THE WORK
- A. THE OWNER'S REPRESENTATIVE MAY ORDER CHANGES IN THE WORK, AND THE CONTRACT SUM SHOULD BE ADJUSTED ACCORDINGLY. ALL SUCH ORDERS AND ADJUSTMENTS PLUS CLAIMS BY THE CONTRACTOR FOR EXTRA COMPENSATION MUST BE MADE AND APPROVED IN WRITING BEFORE EXECUTING THE WORK INVOLVED.
- 1.8 CORRECTION OF WORK
- A. THE CONTRACTOR SHALL RE-EXECUTE ANY WORK THAT FAILS TO CONFORM TO THE REQUIREMENTS OF THE CONTRACT AND SHALL REMEDY DEFECTS DUE TO FAULTY MATERIALS OR WORKMANSHIP UPON WRITTEN NOTICE FROM THE OWNER'S REPRESENTATIVE, AT THE SOONEST POSSIBLE TIME THAT CAN BE COORDINATED WITH OTHER WORK AND SEASONAL WEATHER DEMANDS.
- 1.9 DEFINITIONS
- ALL TERMS IN THIS SPECIFICATION SHALL BE AS DEFINED IN THE "GLOSSARY OF ARBORICULTURAL TERMS" OR AS MODIFIED BELOW.
- A. OWNER'S REPRESENTATIVE: THE PERSON APPOINTED BY THE OWNER TO REPRESENT THEIR INTEREST IN THE REVIEW AND APPROVAL OF THE WORK AND TO SERVE AS THE CONTRACTING AUTHORITY WITH THE CONTRACTOR. THE OWNER'S REPRESENTATIVE MAY APPOINT OTHER PERSONS TO REVIEW AND APPROVE ANY ASPECTS OF THE WORK.
- B. REASONABLE AND REASONABLY: WHEN USED IN THIS SPECIFICATION IS INTENDED TO MEAN THAT THE CONDITIONS CITED WILL NOT AFFECT THE ESTABLISHMENT OR LONG TERM STABILITY, HEALTH OR GROWTH OF THE PLANT. THIS SPECIFICATION RECOGNIZES THAT PLANTS ARE NOT FREE OF DEFECTS, AND THAT PLANT CONDITIONS CHANGE WITH TIME. THIS SPECIFICATION ALSO RECOGNIZES THAT SOME DECISIONS CANNOT BE TOTALLY BASED ON MEASURED FINDINGS AND THAT PROFESSION JUDGMENT IS REQUIRED. IN CASES OF DIFFERING OPINION, THE OWNER'S REPRESENTATIVE EXPERT SHALL DETERMINE WHEN CONDITIONS WITHIN THE PLANT ARE JUDGED AS REASONABLE.
- C. SHRUB: WOODY PLANTS WITH MATURE HEIGHT APPROXIMATELY LESS THAN 25 FEET.
- D. TREE AND PLANT PROTECTION AREA: AREA SURROUNDING INDIVIDUAL TREES, GROUPS OF TREES, SHRUBS, OR OTHER VEGETATION TO BE PROTECTED DURING CONSTRUCTION, AND DEFINED BY A CIRCLE CENTERED ON THE TRUNK WITH EACH TREE WITH A RADIUS EQUAL TO THE CROWN DRIPLINE UNLESS OTHERWISE INDICATED BY THE OWNER'S REPRESENTATIVE.
- E. TREE: SINGLE AND MULTI-STEMMED PLANTS, INCLUDING PALMS WITH ANTICIPATED MATURE HEIGHT APPROXIMATELY GREATER THAN 25 FEET OR ANY PLANT IDENTIFIED ON THE PLANS AS A TREE.

1.10 SUBMITTALS

- A. ARBORIST REPORT: PRIOR TO THE START OF CONSTRUCTION, SUBMIT, FOR APPROVAL BY THE OWNER'S REPRESENTATIVE, THE REPORT OF A CONSULTING ARBORIST WHO IS A REGISTERED CONSULTING ARBORIST® (RCA) WITH AMERICAN SOCIETY OF CONSULTING ARBORISTS OR AN ISA BOARD CERTIFIED MASTER ARBORIST, WHICH DETAILS THE FOLLOWING INFORMATION FOR ALL TREES TO REMAIN WITHIN THE AREA DESIGNATED ON THE DRAWINGS AS THE TREE AND PLANT PROTECTION AREA. THE REPORT SHALL INCLUDE THE FOLLOWING:
1. A DESCRIPTION OF EACH TREE TO REMAIN INDICATING ITS GENUS AND SPECIES, CONDITION INCLUDING ANY VISIBLE DAMAGE TO THE ROOT SYSTEM OR SOIL WITHIN THE ROOT ZONE, TREE DIAMETER AT BREAST HEIGHT (DBH) AND APPROXIMATE HEIGHT, SIZE AND ANY VISIBLE DISEASE, INSECT INFESTATIONS AND OR BRANCH AND TRUNK STRUCTURAL DEFICIENCIES.
 2. THE REPORT SHALL NOTE ALL TREES OR PARTS OF TREES, WHICH ARE CONSIDERED A HAZARD OR SIGNIFICANT OR EXTREME RISK LEVEL, INCLUDE THE INTERNATIONAL SOCIETY OF ARBORICULTURE HAZARD EVALUATION SHEET FOR EACH TREE, WHICH MAY REASONABLY BE IDENTIFIED AS A POTENTIAL HAZARD TREE.
 3. RECOMMENDATIONS AS TO TREATMENT OF ALL INSECT, DISEASE AND STRUCTURAL PROBLEMS ENCOUNTERED.
 4. RECOMMENDATIONS FOR FERTILIZER TREATMENTS, IF ANY.
 5. A PLAN OF THE SITE SHOWING THE LOCATION OF ALL TREES INCLUDED IN THE REPORT.
- B. PRODUCT DATA: SUBMIT MANUFACTURER PRODUCT DATA AND LITERATURE DESCRIBING ALL PRODUCTS REQUIRED BY THIS SECTION TO THE OWNER'S REPRESENTATIVE FOR APPROVAL. PROVIDE SUBMITTAL FOUR WEEKS BEFORE THE START OF ANY WORK AT THE SITE.
- C. QUALIFICATIONS SUBMITTAL: FOR EACH APPLICABLE PERSON EXPECTED TO WORK ON THE PROJECT, PROVIDE COPIES OF THE QUALIFICATIONS AND EXPERIENCE OF THE CONSULTING ARBORIST, PROOF OF EITHER THE REGISTERED CONSULTING ARBORIST® (RCA) WITH AMERICAN SOCIETY OF CONSULTING ARBORISTS OR AN ISA BOARD CERTIFIED MASTER ARBORIST AND ANY REQUIRED HERBICIDE/PESTICIDE LICENSE TO THE OWNER'S REPRESENTATIVE, FOR REVIEW PRIOR TO THE START OF WORK.
- 1.11 OBSERVATION OF THE WORK
- A. THE OWNER'S REPRESENTATIVE MAY INSPECT THE WORK AT ANY TIME.
- 1.12 PRE-CONSTRUCTION CONFERENCE
- A. SCHEDULE A PRE - CONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE AT LEAST SEVEN (7) DAYS BEFORE BEGINNING WORK TO REVIEW ANY QUESTIONS THE CONTRACTOR MAY HAVE REGARDING THE WORK, ADMINISTRATIVE PROCEDURES DURING CONSTRUCTION AND PROJECT WORK SCHEDULE.
1. THE FOLLOWING CONTRACTORS SHALL ATTEND THE PRECONSTRUCTION CONFERENCE:
 - a. GENERAL CONTRACTOR
 - b. CONSULTING ARBORIST
 - c. SUBCONTRACTOR ASSIGNED TO INSTALL TREE AND PLANT PROTECTION MEASURES.
 - d. EARTHWORK CONTRACTOR
 - e. ALL SITE UTILITY CONTRACTORS THAT MAY BE REQUIRED TO DIG OR TRENCH INTO THE SOIL.
 - f. LANDSCAPE SUBCONTRACTOR
 - g. IRRIGATION SUBCONTRACTOR
 2. PRIOR TO THIS MEETING, MARK ALL TREES AND PLANTS TO REMAIN AND OR BE REMOVED AS DESCRIBED IN THIS SPECIFICATION FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE.
- 1.13 QUALITY ASSURANCE
- A. CONTRACTOR QUALIFICATIONS:
1. ALL PRUNING, BRANCH TIE BACK, TREE REMOVAL, ROOT PRUNING, AND FERTILIZING REQUIRED BY THIS SECTION SHALL BE PERFORMED BY OR UNDER THE DIRECT SUPERVISION OF ISA CERTIFIED ARBORIST SUBMIT AFOREMENTIONED INDIVIDUAL'S QUALIFICATIONS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE.
 2. ALL APPLICATIONS OF PESTICIDE OR HERBICIDE SHALL BE PERFORMED BY A PERSON MAINTAINING A CURRENT STATE LICENSE TO APPLY CHEMICAL PESTICIDES VALID IN THE JURISDICTION OF THE PROJECT. SUBMIT COPIES OF ALL REQUIRED STATE LICENSING CERTIFICATES INCLUDING APPLICABLE CHEMICAL APPLICATOR LICENSES.

PART 2 – PRODUCTS

- 2.1 TREE PROTECTION FENCING:
- A. PLASTIC MESH FENCE: HEAVY - DUTY ORANGE PLASTIC MESH FENCING FABRIC 48 INCHES WIDE, FENCING SHALL BE ATTACHED TO METAL "U" OR "T" POSTS DRIVEN INTO THE GROUND OF SUFFICIENT DEPTH TO HOLD THE FABRIC SOLIDLY IN PLACE WITH OUT SAGGING. THE FABRIC SHALL BE ATTACHED TO THE POST USING ATTACHMENT TIES OF SUFFICIENT NUMBER AND STRENGTH TO HOLD UP THE FABRIC WITHOUT SAGGING. THE OWNER'S REPRESENTATIVE MAY REQUEST, AT ANY TIME, ADDITIONAL POST, DEEPER POST DEPTHS AND OR ADDITIONAL FABRIC ATTACHMENTS IF THE FABRIC BEGINS TO SAG, LEAN OR OTHERWISE NOT PRESENT A SUFFICIENT BARRIER TO ACCESS.
- B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.
- 2.2 TREE PROTECTION SIGN:
- A. HEAVY-DUTY CARDBOARD SIGNS, 8.5 INCHES X 11 INCHES, WHITE COLORED BACKGROUND WITH BLACK 2 INCH HIGH OR LARGER LETTERS BLOCK LETTERS. THE SIGNS SHALL BE ATTACHED TO THE TREE PROTECTION FENCE EVERY 50 FEET O.C. THE TREE PROTECTION SIGN SHALL READ "TREE AND PLANT PROTECTION AREA- KEEP OUT".
- 2.3 MATTING
- A. MATTING FOR VEHICLE AND WORK PROTECTION SHALL BE HEAVY DUTY MATTING DESIGNED FOR VEHICLE LOADING OVER TREE ROOTS, ALTURNAMATS AS MANUFACTURED BY ALTURNAMATS, INC. FRANKLIN, PA 16323 OR APPROVED EQUAL.
- B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.
- 2.4 GEOGRID
- A. GEOGRID SHALL BE WOVEN POLYESTER FABRIC WITH PVC COATING, UNI-AXIAL OR BIAXIAL GEOGRID, INERT TO BIOLOGICAL DEGRADATION, RESISTANT TO NATURALLY OCCURRING CHEMICALS, ALKALIS, ACIDS.
1. GEOGRID SHALL BE MIRAGRID 2XT AS MANUFACTURED BY TEN CATE NICOLON, NORCROSS, GA. [HTTP://WWW.TENCATE.COM](http://www.tencate.com) OR APPROVED EQUAL.
- B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.
- 2.5 FILTER FABRIC
- A. FILTER FABRIC SHALL BE NONWOVEN POLYPROPYLENE FIBERS, INERT TO BIOLOGICAL DEGRADATION AND RESISTANT OF NATURALLY OCCURRING CHEMICALS, ALKALIS AND ACIDS.
1. MIRAFI 135 N AS MANUFACTURED BY TEN CATE NICOLON, NORCROSS, GA. [HTTP://WWW.TENCATE.COM](http://www.tencate.com) OR APPROVED EQUAL.
- B. SUBMIT SUPPLIERS PRODUCT DATA THAT PRODUCT MEETS THE REQUIREMENTS FOR APPROVAL.

PART 3 – EXECUTION

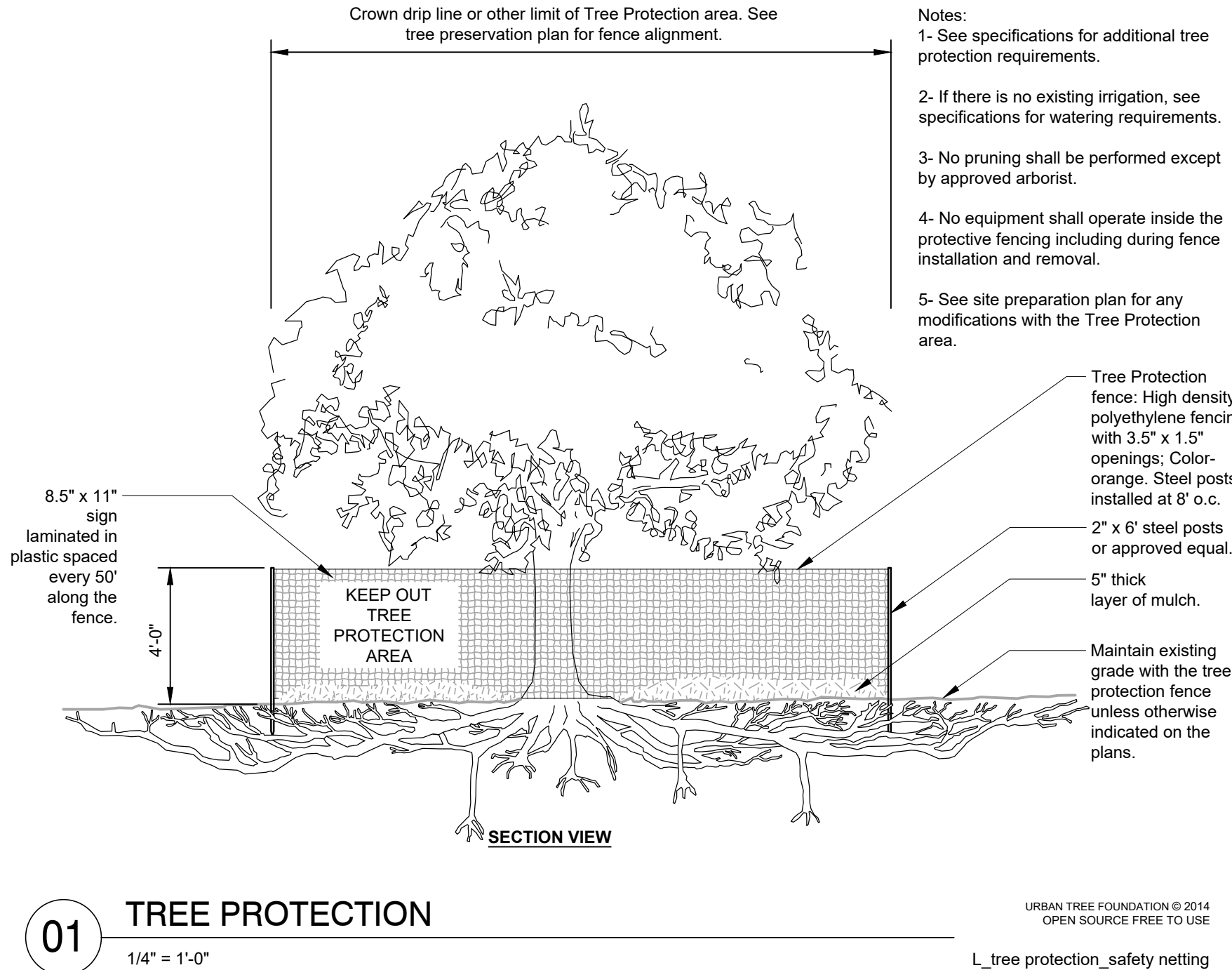
- 3.1 SITE EXAMINATION
- A. EXAMINE THE SITE, TREE, PLANT AND SOIL CONDITIONS. NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF ANY CONDITIONS THAT MAY IMPACT THE SUCCESSFUL TREE AND PLANT PROTECTIONS THAT IS THE INTENT OF THIS SECTION.
- 3.2 COORDINATION WITH PROJECT WORK
- A. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER WORK THAT MAY IMPACT THE COMPLETION OF THE WORK.
- B. PRIOR TO THE START OF WORK, PREPARE A DETAILED SCHEDULE OF THE WORK FOR COORDINATION WITH OTHER TRADES.
- C. COORDINATE THE RELOCATION OF ANY IRRIGATION LINES CURRENTLY PRESENT ON THE IRRIGATION PLAN, HEADS OR THE CONDUITS OF OTHER UTILITY LINES OR STRUCTURES THAT ARE IN CONFLICT WITH TREE LOCATIONS. ROOT BALLS SHALL NOT BE ALTERED TO FIT AROUND LINES. NOTIFY THE OWNERS REPRESENTATIVE OF ANY CONFLICTS ENCOUNTERED.
- 3.3 TREE AND PLANT PROTECTION AREA: THE TREE AND PLANT PROTECTION AREA IS DEFINED AS ALL AREAS INDICATED ON THE TREE PROTECTION PLAN. WHERE NO LIMIT OF THE TREE AND PLANT PROTECTION AREA IS DEFINED ON THE DRAWINGS, THE LIMIT SHALL BE THE DRIP LINE (OUTER EDGE OF THE BRANCH CROWN) OF EACH TREE.

3.4 PREPARATION:

- A. PRIOR TO THE PRECONSTRUCTION MEETING, LAYOUT THE LIMITS OF THE TREE AND PLANT PROTECTION AREA AND THEN ALIGNMENTS OF REQUIRED TREE AND PLANT PROTECTION FENCING AND ROOT PRUNING. OBTAIN THE OWNER'S REPRESENTATIVE'S APPROVAL OF THE LIMITS OF THE PROTECTION AREA AND THE ALIGNMENT OF ALL FENCING AND ROOT PRUNING.
- B. FLAG ALL TREES AND SHRUBS TO BE REMOVED BY WRAPPING ORANGE PLASTIC RIBBON AROUND THE TRUNK AND OBTAIN THE OWNER'S REPRESENTATIVE'S APPROVAL OF ALL TREES AND SHRUBS TO BE REMOVED PRIOR TO THE START OF TREE AND SHRUB REMOVAL. AFTER APPROVAL, MARK ALL TREES AND SHRUBS TO BE REMOVED WITH ORANGE PAINT IN A BAND COMPLETELY AROUND THE BASE OF THE TREE OR SHRUB 4.5 FEET ABOVE THE GROUND.
- C. FLAG ALL TREES AND SHRUBS TO REMAIN WITH WHITE PLASTIC RIBBON TIED COMPLETELY AROUND THE TRUNK OR EACH TREE AND ON A PROMINENT BRANCH FOR EACH SHRUB. OBTAIN THE OWNER'S REPRESENTATIVE'S APPROVAL OF ALL TREES AND SHRUBS TO BE REMAIN PRIOR TO THE START OF TREE AND SHRUB REMOVAL.
- D. PRIOR TO ANY CONSTRUCTION ACTIVITY AT THE SITE INCLUDING UTILITY WORK, GRADING, STORAGE OF MATERIALS, OR INSTALLATION OF TEMPORARY CONSTRUCTION FACILITIES, INSTALL ALL TREE PROTECTION FENCING, FILTER FABRIC, SILT FENCE, TREE PROTECTION SIGNS, GEOGRID, MULCH AND OR WOOD CHIPS AS SHOWN ON THE DRAWINGS.
- 3.5 SOIL MOISTURE
- A. VOLUMETRIC SOIL MOISTURE LEVEL, IN ALL SOILS WITHIN THE TREE AND PLANT PROTECTION AREA SHALL BE MAINTAINED ABOVE PERMANENT WILT POINT TO A DEPTH OF AT LEAST 8 INCHES. NO SOIL WORK OR OTHER ACTIVITY SHALL BE PERMITTED WITHIN THE TREE AND PLANT PROTECTION AREA WHEN THE VOLUMETRIC SOIL MOISTURE IS ABOVE FIELD CAPACITY. THE PERMANENT WILT POINT AND FIELD CAPACITY FOR EACH TYPE OF SOIL TEXTURE SHALL BE DEFINED AS FOLLOWS (NUMBERS INDICATE PERCENTAGE VOLUMETRIC SOIL MOISTURE).

SOIL TYPEPERMANENT WILT POINT **VV**FIELD CAPACITY **VV**SAND, LOAMY SAND, SANDY LOAM5-8%12-18%LOAM, SANDY CLAY, SANDY CLAY LOAM14-25%27-36%CLAY LOAM, SILT LOAM11-22%31-36%SILTY CLAY, SILTY CLAY LOAM22-27%38-41%

1. VOLUMETRIC SOIL MOISTURE SHALL BE MEASURED WITH A DIGITAL, ELECTRIC CONDUCTIVITY METER. THE METER SHALL BE THE DIGITAL SOIL MOISTURE METER, DSM500 BY GENERAL SPECIALTY TOOLS AND INSTRUMENTS, OR APPROVED EQUIVALENT METER.
- B. THE CONTRACTOR SHALL CONFIRM THE SOIL MOISTURE LEVELS WITH A MOISTURE METER. IF THE MOISTURE IS TOO HIGH, SUSPEND OPERATIONS UNTIL THE SOIL MOISTURE DRAINS TO BELOW FIELD CAPACITY.
- 3.6 ROOT PRUNING:
- A. PRIOR TO ANY EXCAVATING INTO THE EXISTING SOIL GRADE WITHIN 25 FEET OF THE LIMIT OF THE TREE AND PLANT PROTECTION AREA OR TREES TO REMAIN, ROOT PRUNE ALL EXISTING TREES TO A DEPTH OF 24 INCHES BELOW EXISTING GRADE IN ALIGNMENTS FOLLOWING THE EDGES OF THE TREE AND PLANT PROTECTION AREA OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ROOT PRUNING SHALL BE IN CONFORMANCE WITH ANSI A300 (PART 8) LATEST EDITION.
1. USING A ROCK SAW, CHAIN TRENCHER OR SIMILAR TRENCHING DEVICE, MAKE A VERTICAL CUT WITHIN 2 FEET OF THE LIMIT OF GRADING.
 2. AFTER COMPLETION OF THE CUT, MAKE CLEAN CUTS WITH A LOPPER, SAW OR PRUNER TO REMOVE ALL TORN ROOT ENDS ON THE TREE SIDE OF THE EXCAVATION, AND BACKFILL THE TRENCH IMMEDIATELY WITH EXISTING SOIL, FILLING ALL VOIDS.
- 3.7 PROTECTION:
- A. PROTECT THE TREE AND PLANT PROTECTION AREA AT ALL TIMES FROM COMPACTION OF THE SOIL, DAMAGE OF ANY KIND TO TRUNKS, BARK, BRANCHES, LEAVES AND ROOTS OF ALL PLANTS, AND CONTAMINATION OF THE SOIL, BARK OR LEAVES WITH CONSTRUCTION MATERIALS, DEBRIS, SILT, FUELS, OILS, AND ANY CHEMICALS SUBSTANCE. NOTIFY THE OWNER'S REPRESENTATIVE OF ANY SPILLS, COMPACTION OR DAMAGE AND TAKE CORRECTIVE ACTION IMMEDIATELY USING METHODS APPROVED BY THE OWNER'S REPRESENTATIVE.
- 3.8 PRUNING:
- A. WITHIN SIX MONTHS OF THE ESTIMATED DATE OF SUBSTANTIAL COMPLETION, PRUNE ALL DEAD OR HAZARDOUS BRANCHES LARGER THAN 2 INCH IN DIAMETER FROM ALL TREES TO REMAIN.
- B. IMPLEMENT ALL PRUNING RECOMMENDATIONS FOUND IN THE ARBORIST REPORT.
- C. PRUNE ANY LOW, HANGING BRANCHES AND VINES FROM EXISTING TREES AND SHRUBS THAT OVERHANG WALKS, STREETS AND DRIVES, OR PARKING AREAS AS FOLLOWS:
1. WALKS - WITHIN 8 FEET VERTICALLY OF THE PROPOSED WALK ELEVATION.
 2. PARKING AREAS - WITHIN 12 FEET VERTICALLY OF THE PROPOSED PARKING SURFACE ELEVATION.
 3. STREETS AND DRIVES - WITHIN 14 FEET VERTICALLY OF THE PROPOSED DRIVING SURFACE ELEVATION.
- D. ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH ANSI A300 (PART 1), ISA BMP TREE PRUNING (LATEST EDITION), AND THE "STRUCTURAL PRUNING: A GUIDE FOR THE GREEN INDUSTRY", EDWARD GILMAN, BRIAN KEMPF, NELDA MATHEWY AND JIM CLARK, 2013 URBAN TREE FOUNDATION, VISALIA CA.
- E. PERFORM OTHER PRUNING TASK AS INDICATED ON THE DRAWINGS OR REQUESTED BY THE OWNER'S REPRESENTATIVE.
- F. WHERE TREE SPECIFIC DISEASE VECTORS REQUIRE, STERILIZE ALL PRUNING TOOLS BETWEEN THE WORK IN INDIVIDUAL TREES.



01 TREE PROTECTION

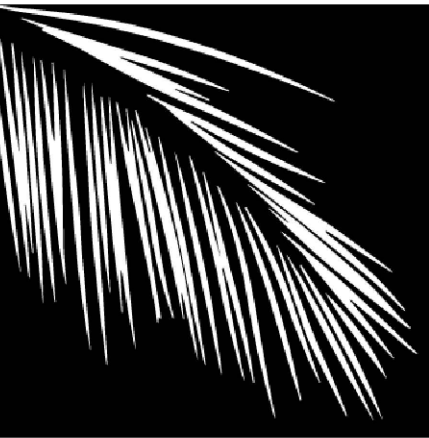
1/4\"/>

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

L_tree protection_safety netting

3.9 WATERING

- A. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO ENSURE THAT ADEQUATE WATER IS PROVIDED TO ALL PLANTS TO BE PRESERVED DURING THE ENTIRE CONSTRUCTION PERIOD. ADEQUATE WATER IS DEFINED TO BE MAINTAINING SOIL MOISTURE ABOVE THE PERMANENT WILT POINT TO A DEPTH OF 8 INCHES OR GREATER.
- B. THE CONTRACTOR SHALL ADJUST THE AUTOMATIC IRRIGATION SYSTEM, IF AVAILABLE, AND APPLY ADDITIONAL WATER, USING HOSES OR WATER TANKS AS REQUIRED.
- C. PERIODICALLY TEST THE MOISTURE CONTENT IN THE SOIL WITHIN THE ROOT ZONE TO DETERMINE THE WATER CONTENT.
- 3.10 WEED REMOVAL
- A. DURING THE CONSTRUCTION PERIOD, CONTROL ANY PLANTS THAT SEED IN AND AROUND THE FENCED TREE AND PLANT PROTECTION AREA AT LEAST THREE TIMES A YEAR.
1. ALL PLANTS THAT ARE NOT SHOWN ON THE PLANTING PLAN OR ON THE TREE AND PLANT PROTECTION PLAN TO REMAIN SHALL BE CONSIDERED AS WEEDS.
- B. AT THE END OF THE CONSTRUCTION PERIOD PROVIDE ONE FINAL WEEDING OF THE TREE AND PLANT PROTECTION AREA.
- 3.11 INSECT AND DISEASE CONTROL
- A. MONITOR ALL PLANTS TO REMAIN FOR DISEASE AND INSECT INFESTATIONS DURING THE ENTIRE CONSTRUCTION PERIOD. PROVIDE ALL DISEASE AND INSECT CONTROL REQUIRED TO KEEP THE PLANTS IN A HEALTHY STATE USING THE PRINCIPLES OF INTEGRATED PLANT MANAGEMENT (IPM). ALL PESTICIDES SHALL BE APPLIED BY A CERTIFIED PESTICIDE APPLICATOR.
- 3.12 CLEAN-UP
- A. DURING TREE AND PLANT PROTECTION WORK, KEEP THE SITE FREE OF TRASH, PAVEMENTS REASONABLY CLEAN AND WORK AREA IN AN ORDERLY CONDITION AT THE END OF EACH DAY. REMOVE TRASH AND DEBRIS IN CONTAINERS FROM THE SITE NO LESS THAN ONCE A WEEK.
1. IMMEDIATELY CLEAN UP ANY SPILLED OR TRACKED SOIL, FUEL, OIL, TRASH OR DEBRIS DEPOSITED BY THE CONTRACTOR FROM ALL SURFACES WITHIN THE PROJECT OR ON PUBLIC RIGHT OF WAYS AND NEIGHBORING PROPERTY.
 2. ONCE TREE PROTECTION WORK IS COMPLETE, WASH ALL SOIL FROM PAVEMENTS AND OTHER STRUCTURES. ENSURE THAT MULCH IS CONFINED TO PLANTING BEDS.
 3. MAKE ALL REPAIRS TO GRADES, RUTS, AND DAMAGE TO THE WORK OR OTHER WORK AT THE SITE.
- D. REMOVE AND DISPOSE OF ALL EXCESS MULCH, WOOD CHIPS, PACKAGING, AND OTHER MATERIAL BROUGHT TO THE SITE BY THE CONTRACTOR.
- 3.13 REMOVAL OF FENCING AND OTHER TREE AND PLANT PROTECTION
- A. AT THE END OF THE CONSTRUCTION PERIOD OR WHEN REQUESTED BY THE OWNER'S REPRESENTATIVE REMOVE ALL FENCING, WOOD CHIPS OR MULCH, GEOGRIDS AND FILTER FABRIC, TRUNK PROTECTION AND OR ANY OTHER TREE AND PLANT PROTECTION MATERIAL.
- 3.14 DAMAGE OR LOSS TO EXISTING PLANTS TO REMAIN
- A. ANY TREES OR PLANTS DESIGNATED TO REMAIN AND WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT THEIR OWN EXPENSE. TREES SHALL BE REPLACED WITH A TREE OF SIMILAR SPECIES AND OF EQUAL SIZE OR 6 INCH CALIPER WHICH EVER IS LESS. SHRUBS SHALL BE REPLACED WITH A PLANT OF SIMILAR SPECIES AND EQUAL SIZE OR THE LARGEST SIZE PLANTS REASONABLY AVAILABLE WHICH EVER IS LESS. WHERE REPLACEMENT PLANTS ARE TO BE LESS THAN THE SIZE OF THE PLANT THAT IS DAMAGED, THE OWNER'S REPRESENTATIVE SHALL APPROVE THE SIZE AND QUALITY OF THE REPLACEMENT PLANT.
1. ALL TREES AND PLANTS SHALL BE INSTALLED PER THE REQUIREMENTS OF SPECIFICATION SECTION PLANTING.
- B. PLANTS THAT ARE DAMAGED SHALL BE CONSIDERED AS REQUIRING REPLACEMENT OR APPRAISAL IN THE EVENT THAT THE DAMAGE AFFECTS MORE THAN 25 % OF THE CROWN, 25% OF THE TRUNK CIRCUMFERENCE, OR ROOT PROTECTION AREA, OR THE TREE IS DAMAGED IN SUCH A MANNER THAT THE TREE COULD DEVELOP INTO A POTENTIAL HAZARD. TREES AND SHRUBS TO BE REPLACED SHALL BE REMOVED BY THE CONTRACTOR AT HIS OWN EXPENSE.
1. THE OWNER'S REPRESENTATIVE MAY ENGAGE AN INDEPENDENT ARBORIST TO ASSESS ANY TREE OR PLANT THAT APPEARS TO HAVE BEEN DAMAGED TO DETERMINE THEIR HEALTH OR CONDITION.
- C. ANY TREE THAT IS DETERMINED TO BE DEAD, DAMAGED OR POTENTIALLY HAZARDOUS BY THE OWNER'S ARBORIST AND UPON THE REQUEST OF THE OWNER'S REPRESENTATIVE SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. TREE REMOVAL SHALL INCLUDE ALL CLEAN UP OF ALL WOOD PARTS AND GRINDING OF THE STUMP TO A DEPTH SUFFICIENT TO PLANT THE REPLACEMENT TREE OR PLANT, REMOVAL OF ALL CHIPS FROM THE STUMP SITE AND FILLING THE RESULTING HOLE WITH TOPSOIL.
- D. ANY REMEDIAL WORK ON DAMAGED EXISTING PLANTS RECOMMENDED BY THE CONSULTING ARBORIST SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE OWNER. REMEDIAL WORK SHALL INCLUDE BUT IS NOT LIMITED TO: SOIL COMPACTION REMEDIATION AND VERTICAL MULCHING, PRUNING AND OR CABLING, INSECT AND DISEASE CONTROL INCLUDING INJECTIONS, COMPENSATORY WATERING, ADDITIONAL MULCHING, AND COULD INCLUDE APPLICATION TREE GROWTH REGULATORS (TGR).
- E. REMEDIAL WORK MAY EXTEND UP TO TWO YEARS FOLLOWING THE COMPLETION OF CONSTRUCTION TO ALLOW FOR ANY REQUIREMENTS OF MULTIPLE APPLICATIONS OR THE NEED TO UNDERTAKE APPLICATIONS AT REQUIRED SEASONS OF THE YEAR.



S.W.S.
LANDSCAPE ARCHITECTURE
STEWART • WASHMUTH • SOLLARS

THE VILLAGE AT LAUREL
AND JACARANDA
JACARANDA BLVD + LAUREL RD
VENICE, FL

REVISIONS

REVISION #	BY	DATE

SUBMITTAL INFORMATION

PROJECT NO.:	2204
CONTRACT DATE:	02.11.22
CHECKED BY:	RWS
DRAWN BY:	RWS
SUBMITTAL:	CODE
ISSUED DATE:	06.12.2024

SIGNATURE & SEAL

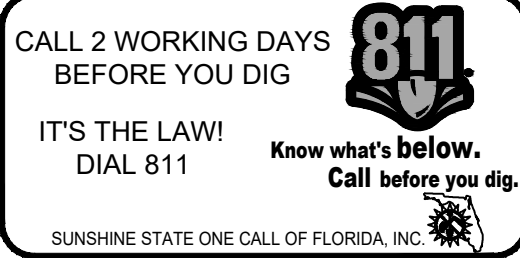


TREE
MITIGATION
SPECIFICATIONS
& DETAILS

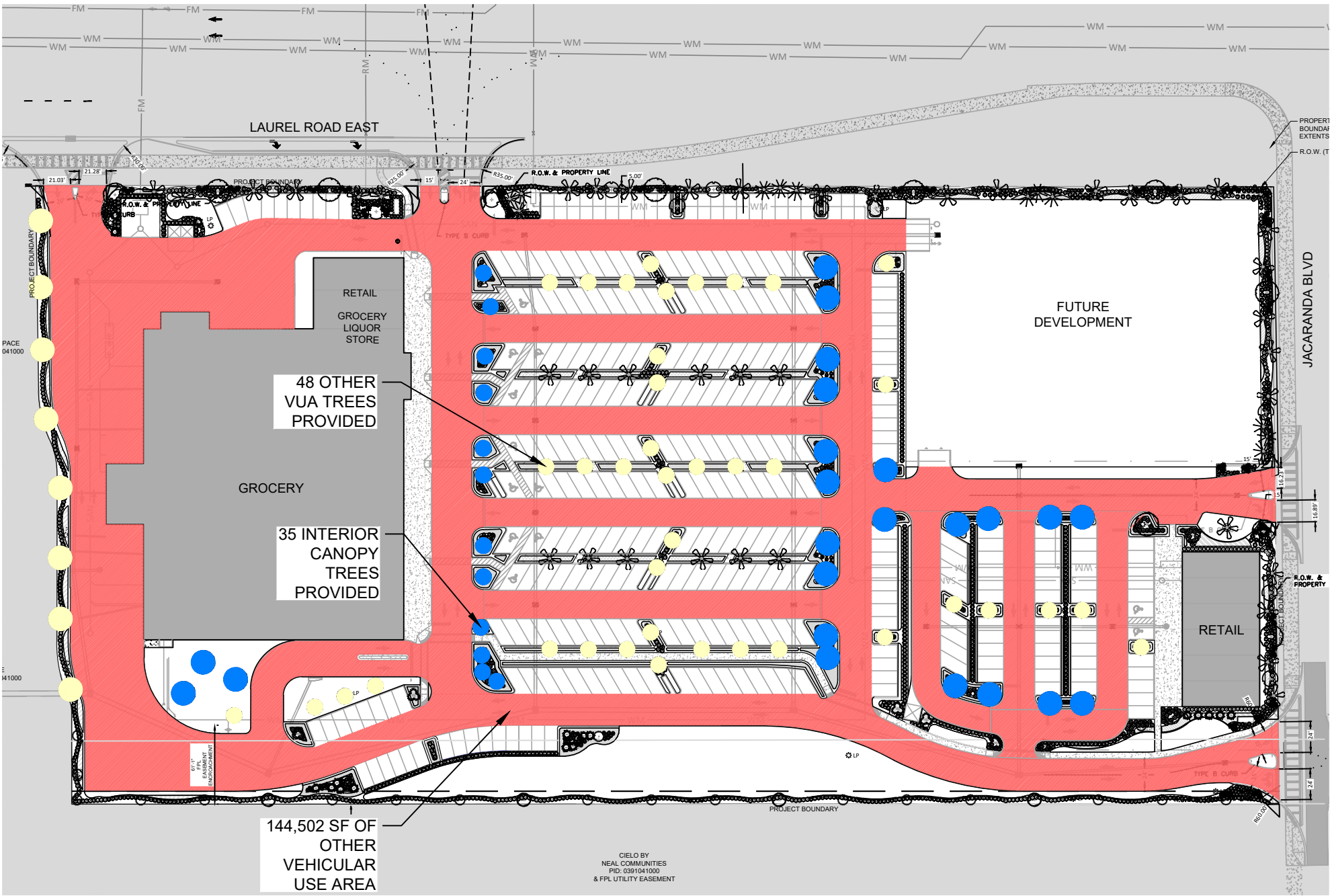
L0.02

NOT FOR CONSTRUCTION

THESE DRAWINGS SHALL NOT BE REPRODUCED OR MODIFIED IN ANY MANNER WITHOUT WRITTEN AUTHORIZATION FROM SWSLA.



LANDSCAPE CALCULATIONS		
CITY OF VENICE, FLORIDA		
CODE:	REQUIRED	PROVIDED
TREE MITIGATION & REPLACEMENT REQUIREMENT (PER CITY OF VENICE MUNICOD SEC. 118-12) 40 TREE INCHES / ACRE	10.42 AC * 40 INCHES = 417 TREE INCHES REQUIRED 3 PALMS IN A CLUSTER = 1 CANOPY TREE	138 TREES @ 3" = 414" 42 ROYAL PALMS / 3 = 14 CANOPY TREES @ 2.5" = 35" TOTAL INCHES PROVIDED = 449"
GENERAL TREE REQUIREMENTS (PER CITY OF VENICE MUNICOD SEC. 118-13)	NO SINGLE SPECIES TO EXCEED 50% OF TOTAL REPLACEMENT PLANTINGS MAX 25% OF TREE INCHES CAN BE PALMS 3 PALMS IN A CLUSTER = 1 CANOPY TREE MAX 25 OF REQUIRED TREES CAN BE PINE SPECIES	42 ROYAL PALMS / 3 = 14 CANOPY TREES @ 2.5" = 35" 35" / 449" PROVIDED = 7.7% 12 PINES PROVIDED
A. LANDSCAPING ADJACENT TO PUBLIC R.O.W. (LAUREL ROAD EAST / 967'-4" LF (INCLUDES ACCESS ROADS)) (PER CITY OF VENICE MUNICOD SEC. 86-438) MIN. 5' BUFFER WIDTH, 1 CANOPY TREE / 50 LF & CONTINUOUS SHRUB ROW AT 2' HT. MIN.	957'-4" / 50 = 20 CANOPY TREES REQUIRED CONTINUOUS SHRUB ROW	20 CANOPY TREES PROVIDED CONTINUOUS SHRUB ROW OR 404 SHRUBS
B. LANDSCAPING ADJACENT TO PUBLIC R.O.W. (JACARANDA BOULEVARD / 481'-1" LF (INCLUDES ACCESS ROADS)) (PER CITY OF VENICE MUNICOD SEC. 86-438) MIN. 5' BUFFER WIDTH, 1 CANOPY TREE / 50 LF & CONTINUOUS SHRUB ROW AT 2' HT. MIN.	481'-1" / 50 = 10 CANOPY TREES REQUIRED CONTINUOUS SHRUB ROW	10 CANOPY TREES PROVIDED CONTINUOUS SHRUB ROW OR 178 SHRUBS
C. LANDSCAPING ADJACENT TO PROPERTY LINES (SOUTHERN PROPERTY LINE / 936'-2" LF) (PER CITY OF VENICE MUNICOD SEC. 86-437) MIN. 10' BUFFER WIDTH, 1 CANOPY TREE / 50 LF & CONTINUOUS SHRUB ROW AT 2' HT. MIN.	936'-2" / 50 = 19 CANOPY TREES REQUIRED CONTINUOUS SHRUB ROW	19 CANOPY TREES PROVIDED CONTINUOUS SHRUB ROW OR 302 SHRUBS
D. LANDSCAPING ADJACENT TO PROPERTY LINES (WESTERN PROPERTY LINE / 479'-3" LF) (PER CITY OF VENICE MUNICOD SEC. 86-437) MIN. 10' BUFFER WIDTH, 1 CANOPY TREE / 50 LF & CONTINUOUS SHRUB ROW AT 2' HT. MIN.	479'-3" / 50 = 10 CANOPY TREES REQUIRED CONTINUOUS SHRUB ROW	10 CANOPY TREES PROVIDED CONTINUOUS SHRUB ROW OR 153 SHRUBS
INTERIOR LANDSCAPING (PER CITY OF VENICE MUNICOD SEC. 86-438) 10 SF PLANTING AREA / PARKING SPOT (EXCLUDES PERIMETER PARKING SPOTS). PERIMETER PARKING LANDSCAPING REQUIREMENT PROVIDED IN BUFFERS A & B 1 CANOPY TREE / 100 SF PLANTING AREA	343 PARKING SPOTS * 10 = 3,430 SF PLANTING AREA REQUIRED 3,430 SF / 100 = 35 CANOPY TREES REQUIRED	3,691 SF PLANTING AREA PROVIDED (INDICATED IN MAGENTA IN SHEET KEY ON SHEET L1.00) 35 CANOPY TREES PROVIDED (INDICATED IN BLUE IN OTHER VEHICULAR USE AREA MAP SHEET L1.00)
OTHER VEHICULAR USE AREA (PER CITY OF VENICE MUNICOD SEC. 86-438(1)) 10 SF OF LANDSCAPED AREA FOR EACH 500 SF OR FRACTION THEREOF OF VEHICULAR USE AREA 1 CANOPY TREE / 100 SF PLANTING AREA OF INTERIOR LANDSCAPING	144,502 SF OF OTHER VEHICULAR USE AREA (TRUCK LOADING AREA + PHARMACY DRIVE-THRU) 144,502 / 500 = 289 X 10 SF = 2,890 SF PLANTING AREA REQUIRED 2,890 / 100 = 29 CANOPY TREES REQUIRED	48+ CANOPY TREES PROVIDED (INDICATED IN YELLOW IN OTHER VEHICULAR USE AREA MAP SHEET L1.00) 38,599 SF PLANTING AREA PROVIDED (INDICATED IN GREEN IN SHEET KEY ON SHEET L1.00)



OTHER VEHICULAR
USE AREA KEY MAP

NOTES:

- REFER TO SHEETS L1.04 AND L1.05 FOR LANDSCAPE DETAILS AND SPECIFICATIONS.
- REFER TO SHEETS IR1.00 - IR1.04 FOR IRRIGATION LAYOUT, DETAILS, AND SPECIFICATIONS.
- REFER TO SHEET L1.03 FOR SOD LAYOUT AND SCHEDULE.
- PLANT LEVEL TO OR A HIGHER THAN GRADE. MULCH MUST BE AT LEAST 6" IN DIAMETER AND 3" DEEP, PULLED 3'-6" AWAY FROM THE TREE'S TRUNK TO PREVENT DECAY.
- ALL AREAS TO BE DISTURBED SHALL BE SODDED WITH NON-IRRIGATED BAHIA.
- ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE.
- CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.
- ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.
- TREES IN THE PLANT SCHEDULE INDICATED WITH AN ASTERISK SHALL BE TRIMMED OR PRUNED IN SUCH A MANNER SO AS TO NOT ALTER THEIR NATURAL FORM, GROWTH HABIT OR CHARACTER AND SHALL NOT BE PRUNED INTO 'UNNATURAL' SHAPES, INCLUDING BUT NOT LIMITED TO CIRCLES, OVALS OR SQUARES.

PLANT KEY

SYMBOL QTY COMMON NAME

TREES

- | | | |
|--|----|-------------------------|
| | 33 | Shady Lady Black Olive |
| | 32 | Japanese Blueberry Tree |
| | 19 | Spanish Stopper |
| | 6 | Pineapple Guava |
| | 34 | Eagleston Holly |
| | 12 | Slash Pine |
| | 8 | Southern Live Oak |

PALMS

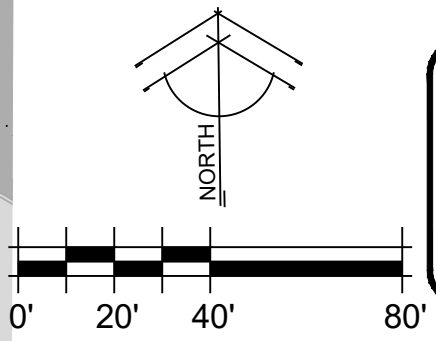
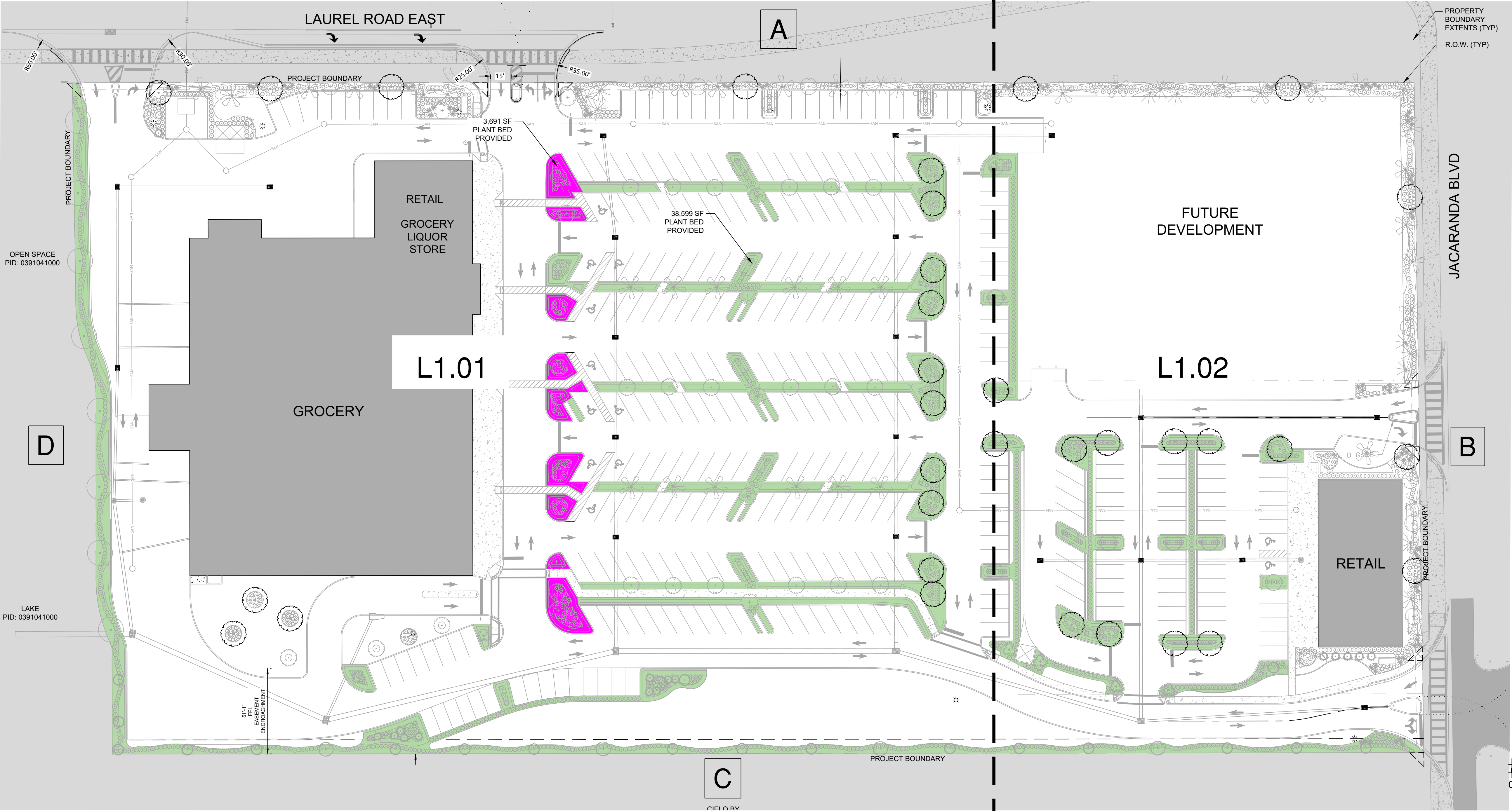
- | | | |
|--|----|------------------------|
| | 18 | Thatch Palm |
| | 6 | Pygmy Date Palm-Triple |
| | 42 | Florida Royal Palm |

SHRUBS

- | | | |
|--|-----|------------------------|
| | 241 | Red Tip Cocoplum |
| | 36 | Silver Button Wood |
| | 95 | White Crinum Lily |
| | 37 | Green Island Ficus |
| | 220 | Firefly FireBush |
| | 281 | Red Ixora |
| | 329 | Dwarf Red Ixora |
| | 763 | Downey Jasmine |
| | 43 | Simpson's Stopper |
| | 131 | Wax Myrtle |
| | 89 | Dwarf Green Schefflera |

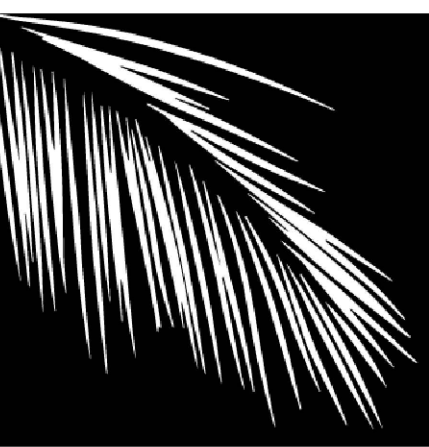
GROUND COVERS

- | | | |
|--|-------|----------------------|
| | 440 | Perennial Peanut |
| | 541 | Parsoni Juniper |
| | 1,178 | Lilyturf |
| | 108 | White Fountain Grass |
| | 2,616 | Asiatic Jasmine |
| | 163 | Fakahatchee Grass |
| | 76 | Florida Gamagrass |



CALL 2 WORKING DAYS
BEFORE YOU DIG
IT'S THE LAW!
DIAL 811
Know what's below.
Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NOT FOR CONSTRUCTION



S.W.S.
LANDSCAPE ARCHITECTURE
STEWART • WASHMUTH • SOLLARS

**THE VILLAGE AT LAUREL
AND JACARANDA**
JACARANDA BLVD + LAUREL RD
VENICE, FL

REVISIONS

REVISION # BY DATE

SUBMITTAL
INFORMATION

PROJECT NO.:	2204
CONTRACT DATE:	02.11.22
CHECKED BY:	RWS
DRAWN BY:	RWS
SUBMITTAL:	CODE
ISSUED DATE:	06.12.2024

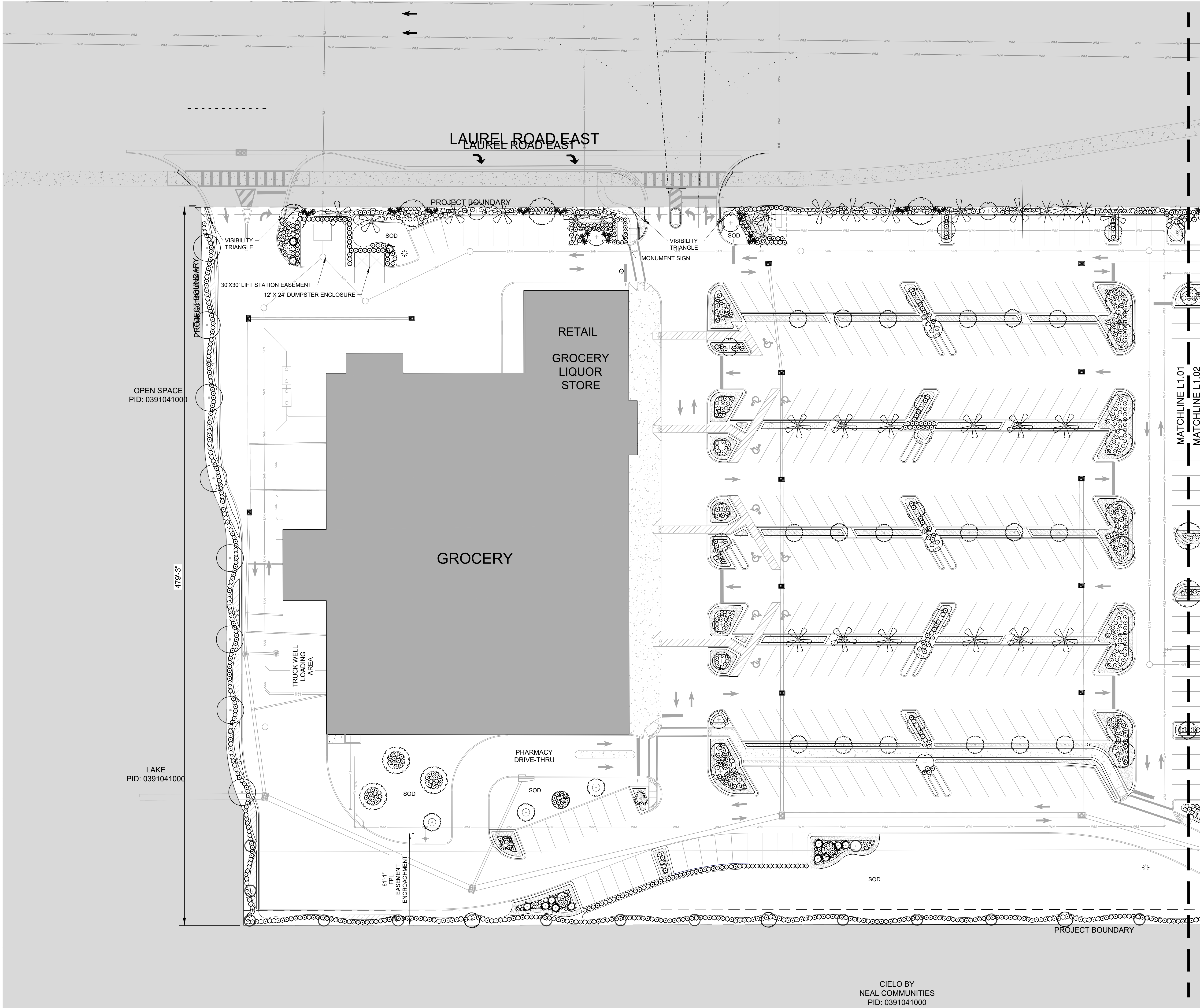
SIGNATURE & SEAL



SHEET KEY

L1.00

Plotted by RESCAP/RELL Shaw, S&P ----- Layout L1.01 LANDSCAPE LAYOUT June 11, 2024 09:45:11am Y:\Silver\Washmuth\Drawings\AutoCAD-Files\2022-Projects\LA 2204 - Palms at Jacaranda\CA\Plan Sheets\L1.01 - Code Landscape Layout.dwg



SEE SHEET L1.05 FOR COMPLETE PLANT SCHEDULE

PLANT KEY		
SYMBOL	QTY	COMMON NAME
TREES		
	33	Shady Lady Black Olive
	32	Japanese Blueberry Tree
	19	Spanish Stopper
	6	Pineapple Guava
	34	Eagleston Holly
	12	Slash Pine
	8	Southern Live Oak
PALMS		
	18	Thatch Palm
	6	Pygmy Date Palm-Triple
	42	Florida Royal Palm
SHRUBS		
	241	Red Tip Cocoplum
	36	Silver Button Wood
	95	White Crinum Lily
	37	Green Island Ficus
	220	Firefly FireBush
	281	Red Ixora
	329	Dwarf Red Ixora
	763	Downey Jasmine
	43	Simpson's Stopper
	131	Wax Myrtle
	89	Dwarf Green Schefflera
GROUND COVERS		
	440	Perennial Peanut
	541	Parsoni Juniper
	1,178	Lilyturf
	108	White Fountain Grass
	2,616	Asiatic Jasmine
	163	Fakahatchee Grass
	76	Florida Gamagrass

NOTES:

1. REFER TO SHEETS L1.04 AND L1.05 FOR LANDSCAPE DETAILS AND SPECIFICATIONS.

2. REFER TO SHEETS IR1.00 - IR1.04 FOR IRRIGATION LAYOUT, DETAILS, AND SPECIFICATIONS.

3. REFER TO SHEET L1.03 FOR SOD LAYOUT AND SCHEDULE.

4. PLANT LEVEL TO OR A HIGHER THAN GRADE. MULCH MUST BE AT LEAST 6" IN DIAMETER AND 3" DEEP, PULLED 3'-6" AWAY FROM THE TREE'S TRUNK TO PREVENT DECAY.

5. ALL AREAS TO BE DISTURBED SHALL BE SODDED WITH NON-IRRIGATED BAHIA.

6. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE.

7. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

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

9. TREES IN THE PLANT SCHEDULE INDICATED WITH AN ASTERISK SHALL BE TRIMMED OR PRUNED IN SUCH A MANNER SO AS TO NOT ALTER THEIR NATURAL FORM, GROWTH HABIT OR CHARACTER AND SHALL NOT BE PRUNED INTO 'UNNATURAL' SHAPES, INCLUDING BUT NOT LIMITED TO CIRCLES, OVALS OR SQUARES.

NORTH

0' 15' 30' 60'

CALL 2 WORKING DAYS BEFORE YOU DIG
IT'S THE LAW!
DIAL 811
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

811

Know what's below.
Call before you dig.

THE VILLAGE AT LAUREL
AND JACARANDA
JACARANDA BLVD + LAUREL RD
VENICE, FL

REVISIONS

REVISION #	BY	DATE

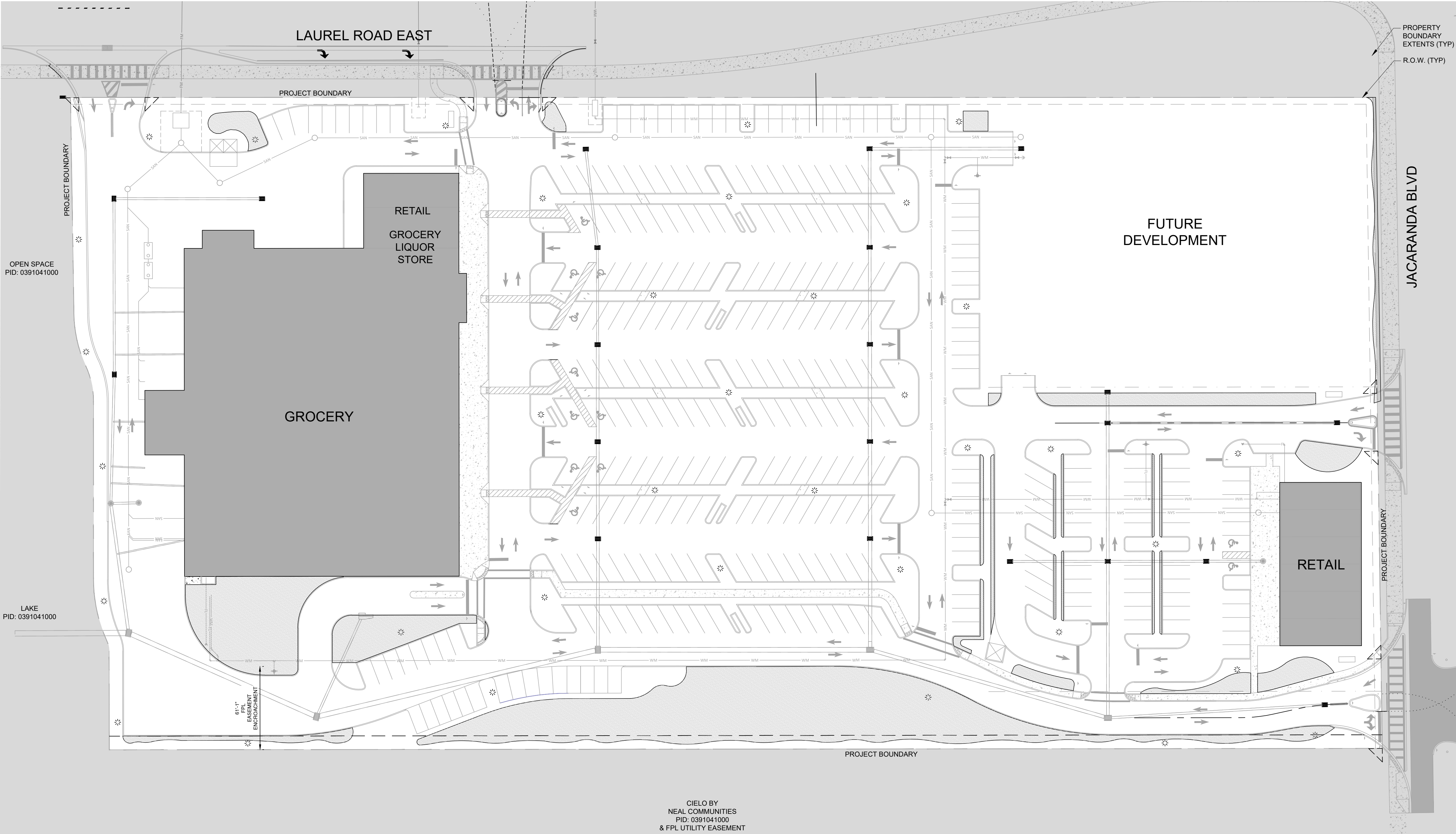
SUBMITTAL INFORMATION

PROJECT NO.: 2204
CONTRACT DATE: 02.11.22
CHECKED BY: RWS
DRAWN BY: RWS
SUBMITTAL: CODE
ISSUED DATE: 06.12.2024

SIGNATURE & SEAL

LANDSCAPE LAYOUT
L1.01

Plotted By: BECCAPURELL, Shaw, S&P, June 11, 2024, 09:55:54am, Layout: L1.03, SOD, LAYOUT, June 11, 2024, 09:55:54am, Y:\Stewart\Washmuth\Drawings\AutoCAD-Files\2022-Projects\2204 - Public at Jacaranda\Cal\Plan Sheets\L1.03, Y:\Stewart\Washmuth\Drawings\AutoCAD-Files\2022-Projects\2204 - Public at Jacaranda\Cal\Plan Sheets\L1.03, Y:\Stewart\Washmuth\Drawings\AutoCAD-Files\2022-Projects\2204 - Public at Jacaranda\Cal\Plan Sheets\L1.03



SOD SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME
--------	-----	----------------	-------------

SOD	34,485 sf	Paspalum notatum	Bahia
-----	-----------	------------------	-------

0'

20'

40'

80'

NORTH

CALL 2 WORKING DAYS BEFORE YOU DIG

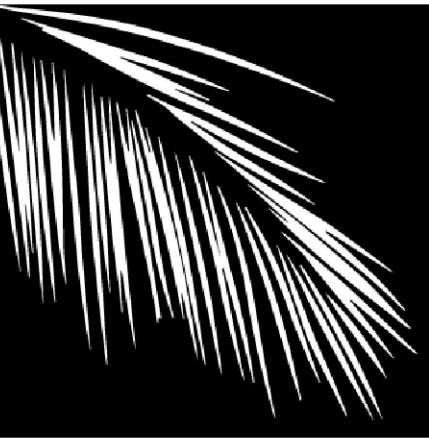
IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NOT FOR CONSTRUCTION

THESE DRAWINGS SHALL NOT BE REPRODUCED OR MODIFIED IN ANY MANNER WITHOUT WRITTEN AUTHORIZATION FROM SWSLA.



SWS
LANDSCAPE ARCHITECTURE
STEWART • WASHMUTH • SOLLARS

**THE VILLAGE AT LAUREL
AND JACARANDA**
JACARANDA BLVD + LAUREL RD
VENICE, FL

REVISIONS

REVISION #	BY	DATE

SUBMITTAL INFORMATION

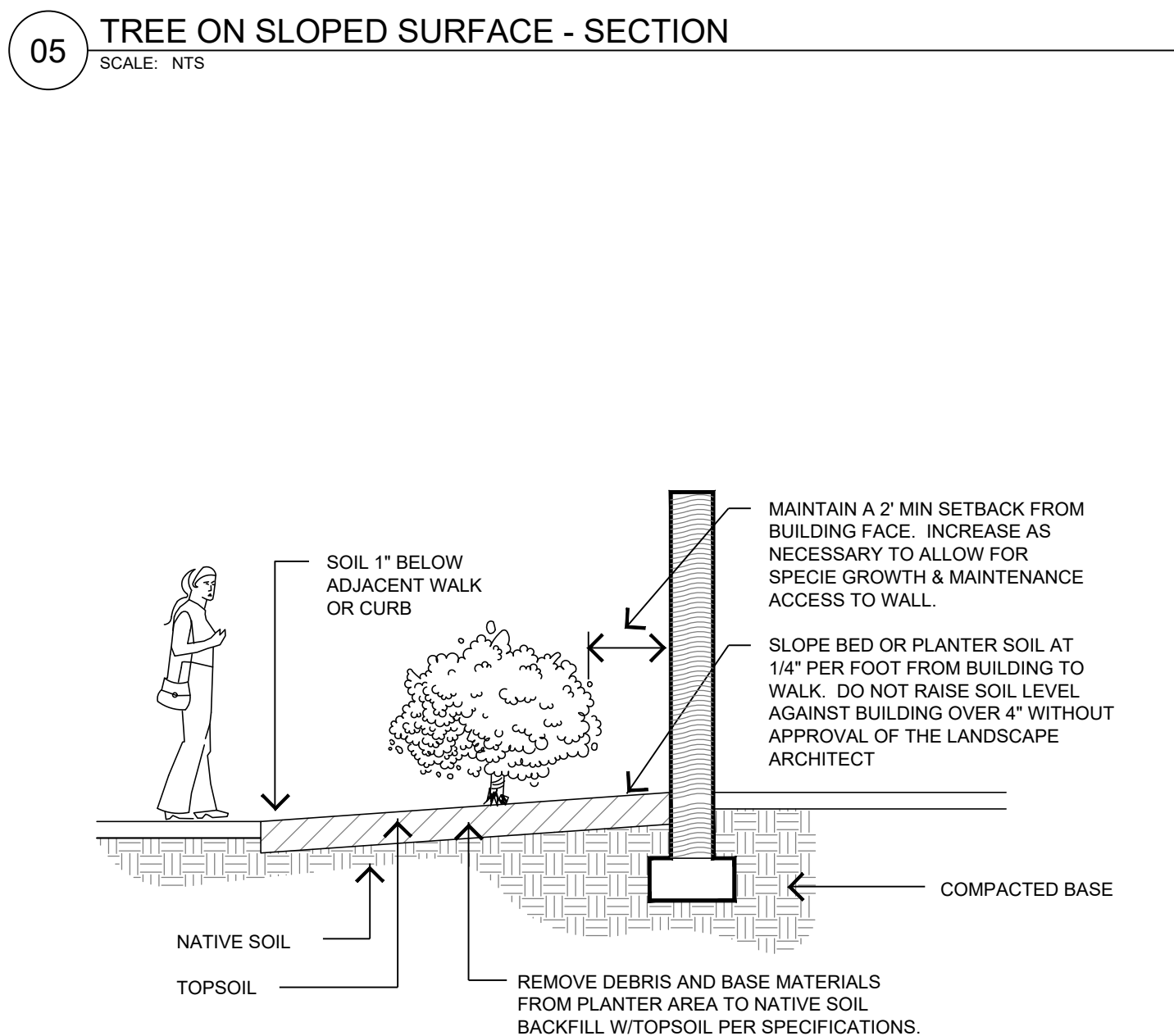
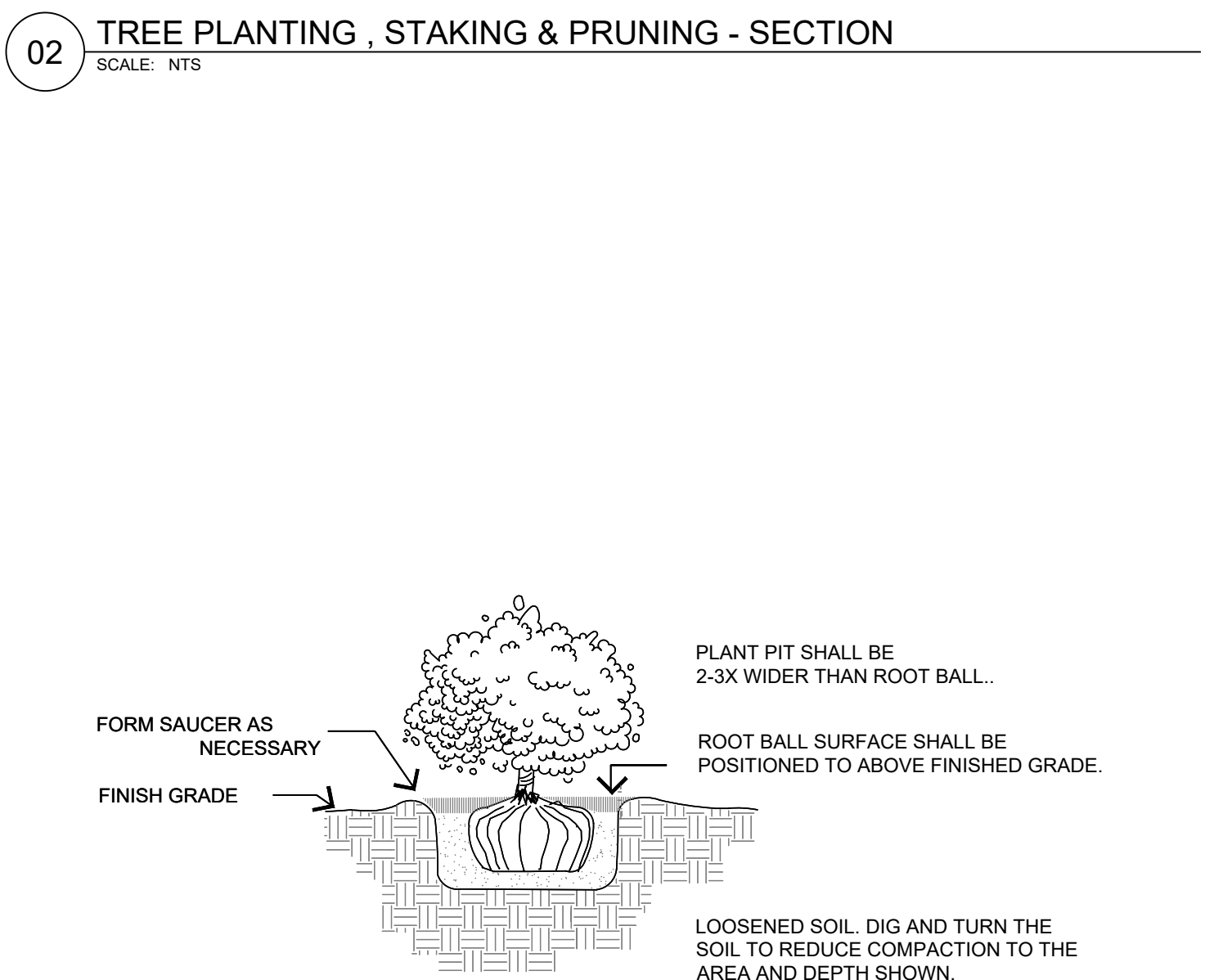
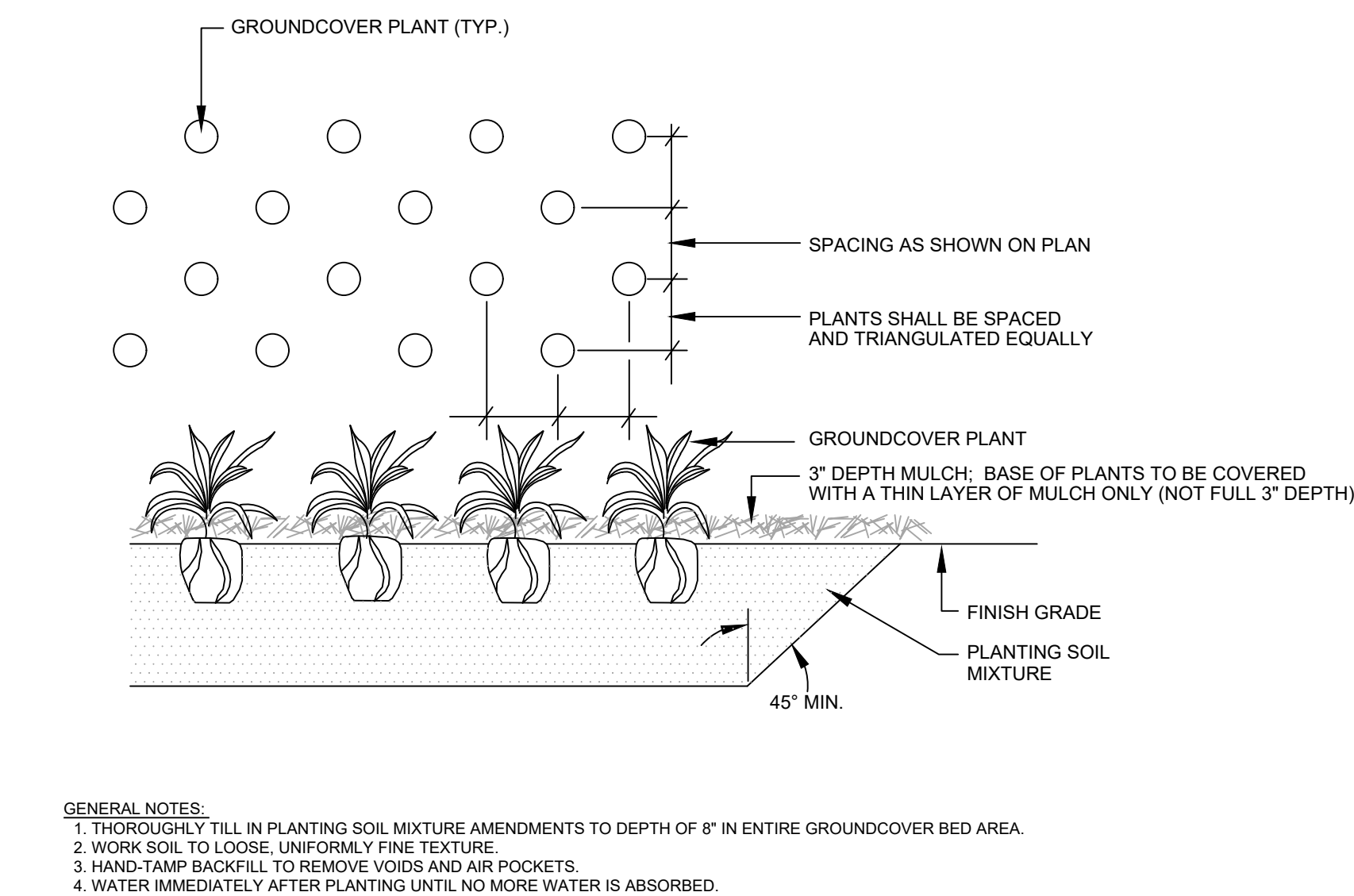
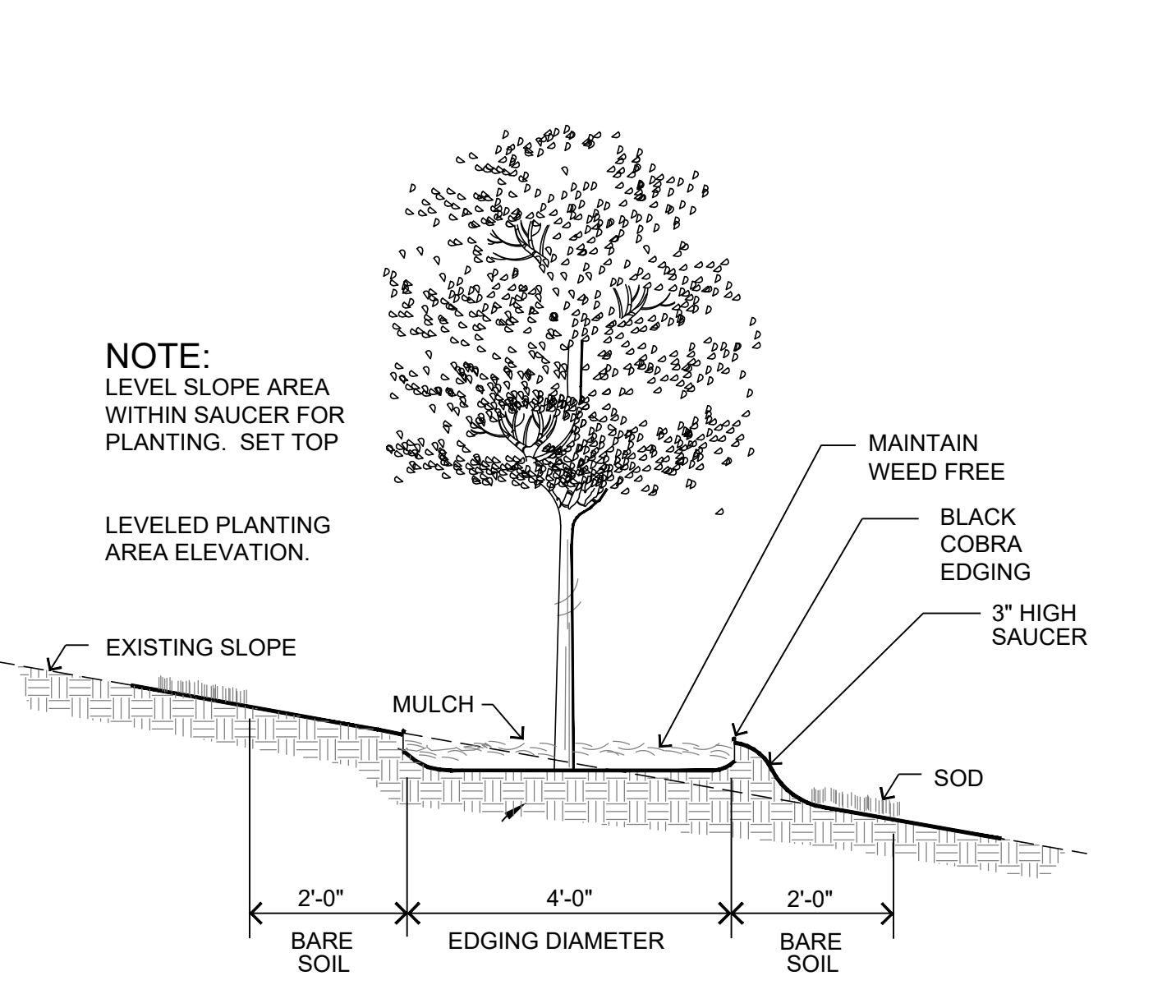
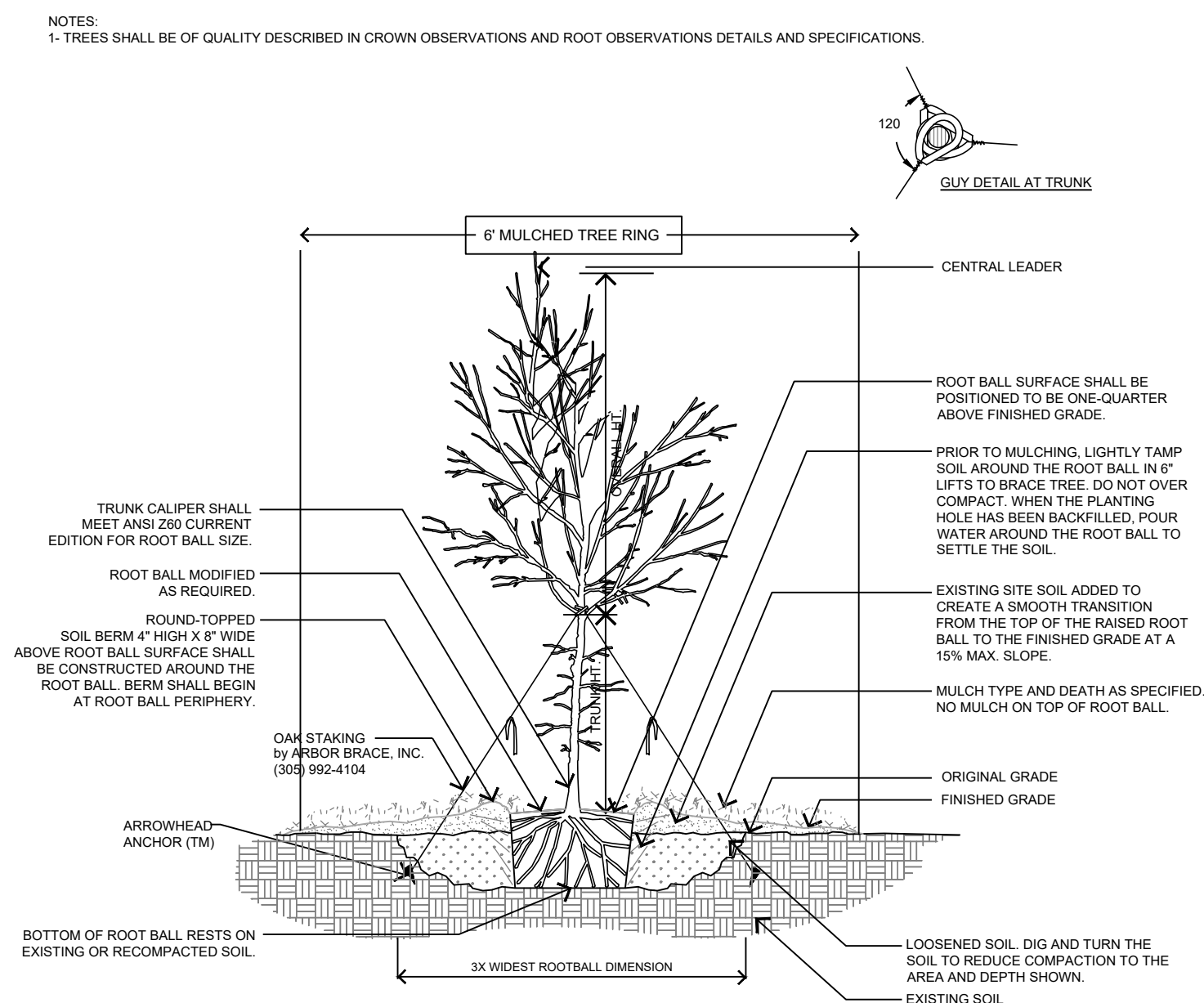
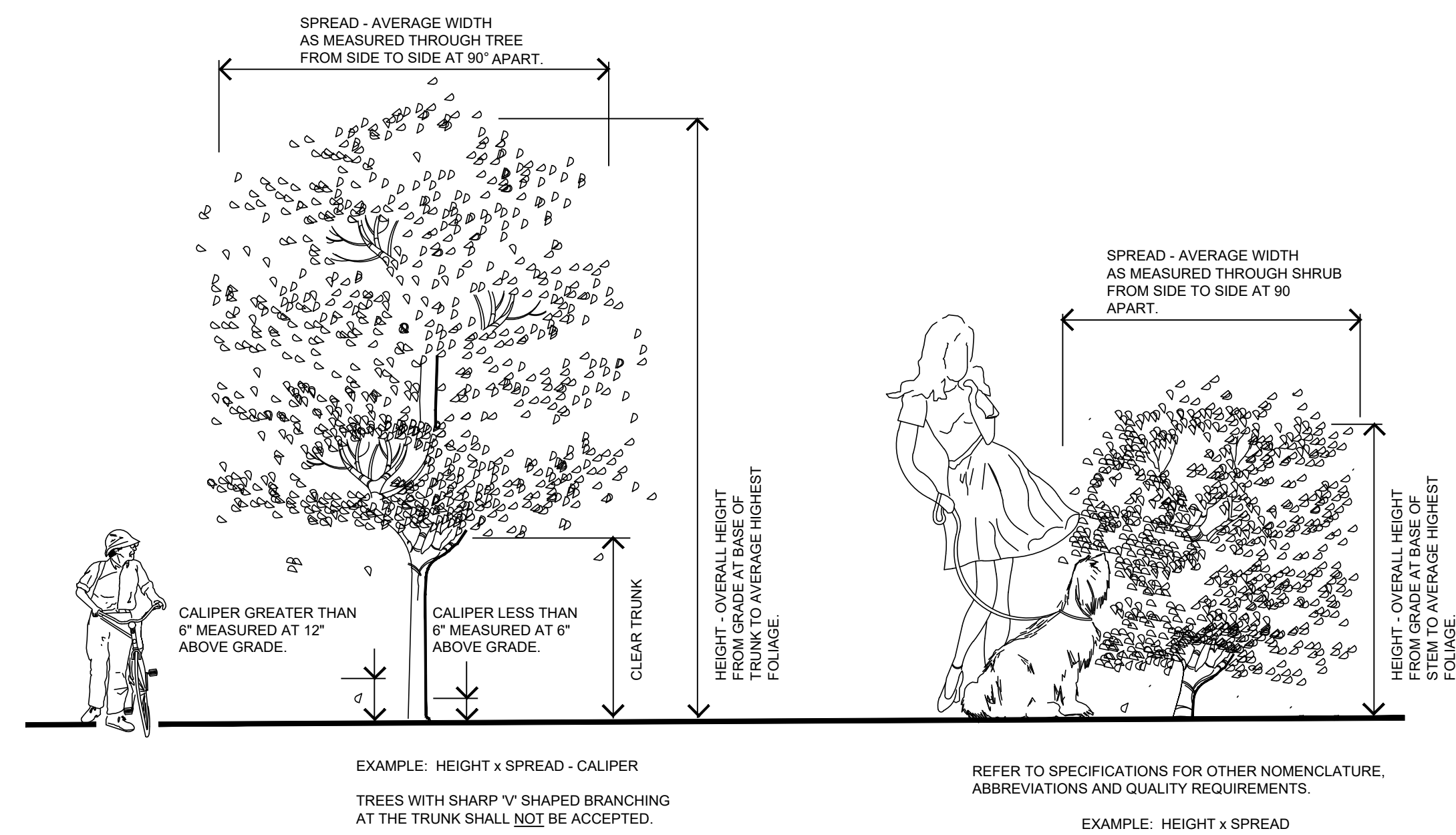
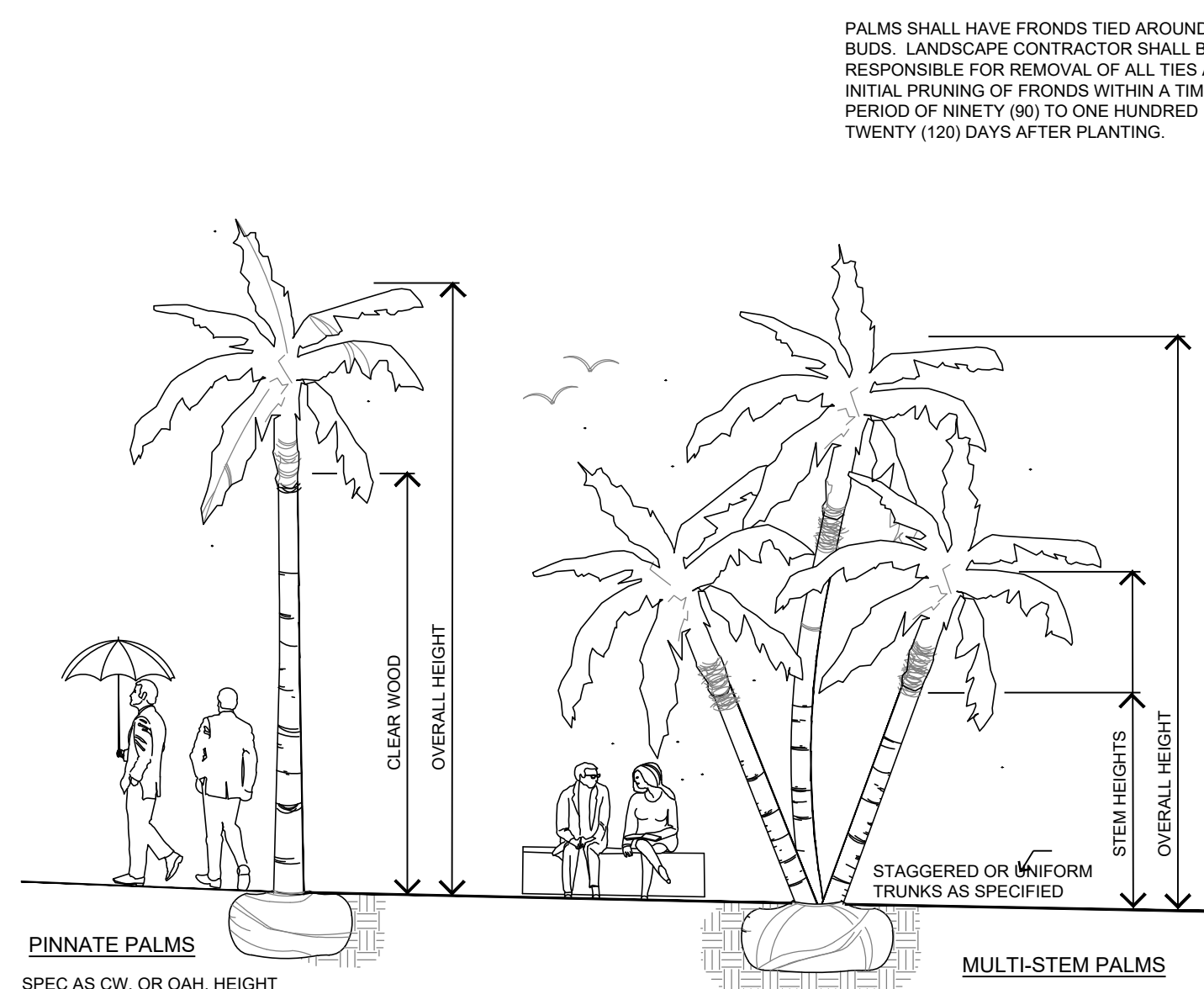
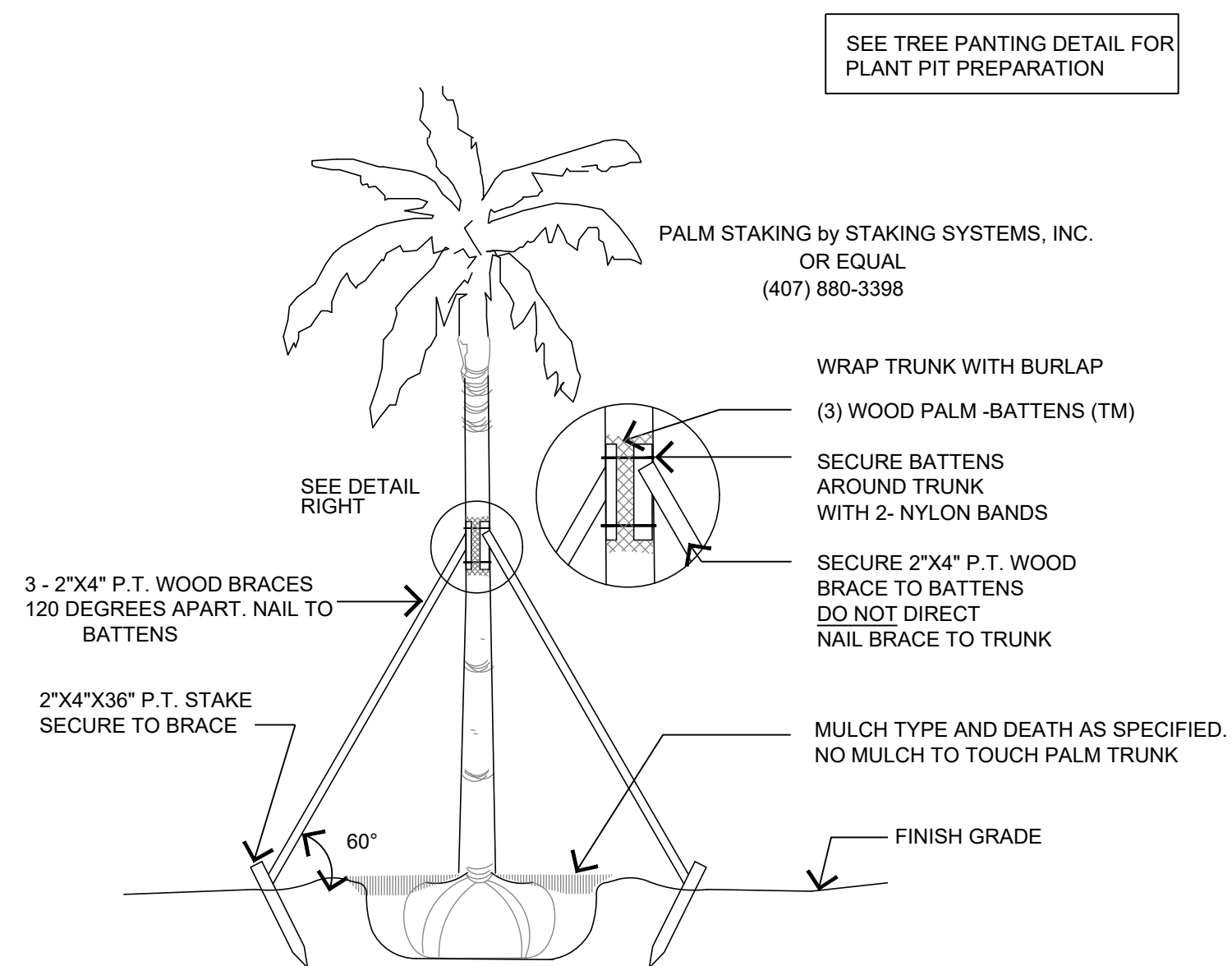
PROJECT NO.:	2204
CONTRACT DATE:	02.11.22
CHECKED BY:	RWS
DRAWN BY:	RWS
SUBMITTAL:	CODE
ISSUED DATE:	06.12.2024

SIGNATURE & SEAL



SOD LAYOUT

L1.03



S·W·S
LANDSCAPE ARCHITECTURE
STEWART • WASHMUTH • SOLLARS

THE VILLAGE AT LAUREL
AND JACARANDA

JACARANDA BLVD + LAUREL RD
VENICE, FL

JACARANDA BLVD + LAUREL RD
VENICE, FL

REVISIONS

[illegible]

SUBMITTAL INFORMATION

PROJECT NO.:	220
CONTRACT DATE:	02.11.2
CHECKED BY:	RW
DRAWN BY:	RW
SUBMITTAL:	COD
ISSUED DATE:	06.12.202

SIGNATURE & SEAL



LANDSCAPE DETAILS

L1.04

PLANTING NOTES

- THE CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST AND, GENERAL NOTES FOR COMPLETE LANDSCAPE PLANTING INSTRUCTIONS.
- INSTALLATION OF ALL WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS ON THE SITE IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE. THE LANDSCAPE CONTRACTOR SHALL CLOSELY COORDINATE WITH THE IRRIGATION CONTRACTOR.
- CONTRACTORS ARE CAUTIONED TO BE AWARE OF UNDERGROUND UTILITIES. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CHECK WITH THE JOB SITE SUPERINTENDENT AND UTILITY COMPANIES FOR A LOCATION OF ALL UTILITIES.
- ANY CONDITIONS FOUND CONTRARY TO THE PLANS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR RESOLUTION ALONG WITH A SUGGESTED COURSE OF ACTION PRIOR TO ALTERING THE DESIGN SOLUTION PRESENTED IN THE PLANS.
- PRIOR TO THE INSTALLATION OF AN OPERABLE IRRIGATION SYSTEM, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HAND WATERING OF ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS THAT MAY BE INSTALLED. WATERING SHALL BE A MIN OF FIVE (5) TIMES PER WEEK AND OF SUFFICIENT QUANTITY TO GUARANTEE THE MAINTENANCE OF PLANT MATERIAL QUALITY UNTIL SUCH TIME AS AN OPERABLE IRRIGATION SYSTEM IS AVAILABLE.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO ASSURE THAT THE PLANTINGS ARE RECEIVING PROPER IRRIGATION PRIOR TO THE ACCEPTANCE OF THE PROJECT BY THE OWNER. THE LANDSCAPE CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR TO ADJUST THE SYSTEM IF TOO LITTLE OR TOO MUCH WATER IS BEING APPLIED
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF PLANT MATERIAL EXPERIENCING TRANSPLANT SHOCK DUE TO THE LACK OF WATER AT ANY TIME DURING THE PLANTING OPERATION.
- MARK OUT THE LOCATIONS OF ALL PLANTING BEDS AND TREE LOCATIONS PRIOR TO THE INSTALLATION OF THE IRRIGATION SYSTEM SO AS TO FACILITATE THE LAYOUT OF THE IRRIGATION SYSTEM AND TREE BUBBLES.
- PLANT MATERIAL SHALL BE FLORIDA NO 1, OR BETTER QUALITY AS PER "GRADES AND STANDARDS FOR NURSERY PLANTS", FLORIDA DEPT. OF AGRICULTURE AND CONSUMER AFFAIRS, OR SHALL MATCH QUALITY STANDARDS AS PREVIOUSLY ESTABLISHED BY THE LANDSCAPE ARCHITECT THROUGH THE TAGGING OF REPRESENTATIVE SAMPLES.
- ALL PLANT MATERIAL SHALL EITHER BE SUN OR SHADE GROWN, AS APPROPRIATE FOR THE CONDITIONS ON THE SITE WHERE THE MATERIAL IS TO BE PLANTED.
- ALL PLANT MATERIAL SHALL BE PROTECTED DURING TRANSPORT AND DELIVERY TO THE JOB SITE WITH SHADE CLOTH OR OTHER ACCEPTABLE MEANS OF WINDBURN PROTECTION
- THE PLANT COUNT QUANTITIES IN THE PLANT LIST ARE FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. CONTRACTORS SHALL VERIFY ALL PLANT COUNTS WITH THE SPECIFIED QUANTITIES ON THE LANDSCAPE PLANS. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS DRAWN N THE PLAN.
- AT HIS DISCRETION, THE LANDSCAPE ARCHITECT MAY REQUIRE PLANTS TO BE SET IN PLACE AND APPROVED PRIOR TO INSTALLATION. THE LANDSCAPE CONTRACTOR SHALL CALL TO SCHEDULE THE INSPECTION FOUR (4) WORKING DAYS IN ADVANCE.
- TYPICALLY, SHRUB AND GROUNDCOVER PLANTINGS ARE SHOWN ON PLANS AS A MASS PLANTING BED. PLANTS SHALL BE PLACED ON A TRIANGULAR SPACING CONFIGURATION WITH STAGGERED SPACING. PLANT CENTER TO CENTER SPACING (O.C.) ARE LISTED IN THE PLANT LIST.
- TREES GROWN IN GROW BAGS OR GROW BAG TYPE OF MATERIALS MUST HAVE THE GROW BAG MATERIAL COMPLETELY REMOVED PRIOR TO PLANTING.
- BALLED AND BURLAPPED MATERIAL SHALL HAVE THE TOP ONE HALF (1/2) OF THE BURLAP AROUND THE BASE OF THE TRUNK CUT AND PULLED BACK. DO NOT REMOVE BURLAP. WIRE CAGES, STRAPS, ETC. MUST BE CUT AND REMOVED PRIOR TO INSTALLATION.
- TREES SHALL BE STAKED BY MEANS OF AN ARBORBRACE TREE GUYING SYSTEM.
- THE LANDSCAPE CONTRACTOR SHALL MULCH ALL PLANT BEDS WITH A CLEAN, WEED FREE MULCH OF A TYPE AND OF A DEPTH AS NOTED IN THE PLANT LIST. MULCH MUST NOT TOUCH PLANT STEM(S) OR TRUNKS. DO NOT MULCH ANNUAL BEDS.
- ALL FREE STANDING TREES SHALL HAVE A MINIMUM OF A 6" DIAMETER MULCH CIRCLE EXTENDING PAST THE OUTSIDE OF THE THE PLANTING PIT SAUCER. DO NOT PLACE MULCH ON TOP OF ROOT BALLS OF TREES OR PALMS.
- SOD SHALL BE PROVIDED AS SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF SUBSTANTIAL COMPLETION.
- THE CONTRACTOR SHALL REQUEST AN INSPECTION OF THE PROJECT. IF ALL WORK IS COMPLETE AND SATISFACTORY IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THEN THE INSTALLATION SHALL BE CONSIDERED SUBSTANTIALLY COMPLETE. SUBSTANTIAL COMPLETION SHALL CONSTITUTE THE BEGINNING OF THE GUARANTEE PERIOD.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER A COMPLETE MAINTENANCE PROGRAM TO BE FOLLOWED DURING AND AFTER THE WARRANTY PERIOD. DURING THE WARRANTY PERIOD, THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THEFT, VANDALISM OR UNUSUAL ACTS OF GOD.
- ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER QUALITY AT TIME OF PLANTING AND SHALL BE MAINTAINED IN THIS SAME CONDITION UNTIL FINAL ACCEPTANCE. DECLINE IN CONDITION AND QUALITY PRIOR TO ACCEPTANCE SHALL BE GROUNDS FOR REJECTION AND REPLACEMENT.
- REMOVAL OF ALL STAKING AND GUY WIRES SHALL BE THE RESPONSIBILITY OF THE OWNER AFTER PLANT ESTABLISHMENT. THE LANDSCAPE CONTRACTOR MUST AGREE TO REMOVAL IF DONE WITHIN THE WARRANTY PERIOD.

SOIL PREPARATION AND PLANTING MIX

- PRIOR TO INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL DETERMINE THE ADEQUACY OF THE EXISTING SOIL FOR SUSTAINING PLANTS. THE CONTRACTOR SHALL PROVIDE SOIL SAMPLES TAKEN FROM 5 TO 6 LOCATIONS ON THE SITE MIXED TOGETHER AND SENT TO AN APPROVED LABORATORY FOR ANALYSIS OF PH, FERTILITY AND COMPOSITION. RECOMMENDATIONS FOR DEFICIENCIES SHALL BE DETERMINED BY THE LANDSCAPE CONTRACTOR.
- PRIOR TO INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL DETERMINE THE ADEQUACY OF THE SOIL FOR DRAINAGE AND PERCOLATION. A SHOVEL WIDTH HOLE 36" DEEP SHALL BE DUG IN APPROPRIATE PLANTING BED LOCATIONS, FILLED WITH WATER AND MONITORED FOR A PERCOLATION RATE. INADEQUATE PERCOLATION SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT OR OWNER FOR CORRECTION. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF ALL PLANTS DUE TO INADEQUATE DRAINAGE CONDITIONS IF POOR CONDITIONS ARE NOT REPORTED.
- ALL EXISTING TURF AND WEED AREAS SHALL BE TREATED WITH ROUND-UP HERBICIDE AS NECESSARY TO ELIMINATE ALL TURF AND WEEDS. A MINIMUM OF TWO (2) APPLICATIONS ARE REQUIRED - AN INITIAL APPLICATION AND A SECOND APPLICATION 7 TO 10 DAYS LATER. APPLY AS PER MANUFACTURERS RECOMMENDATIONS. AREAS SHALL BE MECHANICALLY SCRAPED TO REMOVE DEAD FOLIAGE AND LITTER. ALL DEBRIS SHALL BE REMOVED FROM THE SITE.
- ALL HERBICIDE AND PESTICIDES SHALL BE APPLIED BY A LICENSED APPLICATOR AS PER STATE AND OTHER CODES.
- ALL EARTH AND FILL OPERATIONS SHALL BE BROUGHT WITHIN 1/10 OF A FOOT OF FINISHED GRADE BY OTHERS. THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO ADJUST FINISHED GRADES WHERE NECESSARY TO MEET WALKS, PAVEMENTS, DRIVES, ETC. AT PROPER ELEVATION FOR SOD AND MULCHING OPERATIONS.
- FINISH GRADE TO BE A SMOOTH EVEN SURFACE ASSURING POSITIVE DRAINAGE AWAY FROM STRUCTURES. ELIMINATE ANY LOW AREAS WHICH MAY COLLECT WATER.
- CONTRACTOR SHALL NOT AMEND SOIL IN PLANTING PITS FOR TREES, PALMS AND SHRUBS. SEE PLANTING DETAILS ON THIS SHEET. PLANT PIT SHALL BE SIX THE WIDTH OF THE ROOT BALL. EXISTING SOIL BACKFILL SHALL BE LOOSENEED AND LIGHTLY TAMPED.
- WHERE SPECIFIED IN THE PLANT SUMMARY, THE CONTRACTOR SHALL APPLY OR BROADCAST COMMAND COMPOST IN DEPTHS AND AREAS AS NOTED AS PER ALL APPLICATION RECOMMENDATIONS OF LIFESOLS WWW.LIFESOLS.COM (852-258-9330).

FERTILIZATION

- CONTRACTOR SHALL CORRECT PH AS NECESSARY AS DETERMINED FROM REQUIRED SOIL SAMPLES.
- CONTRACTOR SHALL DETERMINE THE FERTILIZATION NEEDS BASED ON THE RESULTS OF THE SOIL TESTS. APPROPRIATE RATES OF A SLOW RELEASE FERTILIZER MEETING THE LOCAL ORDINANCES SHALL BE APPLIED TO ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS.
- COST OF FERTILIZATION SHALL BE INCLUDED IN THE INITIAL COST OF THE PLANT MATERIAL.
- FERTILIZER APPLICATION SHALL BE CONSISTENT WITH CHAPTER 54, ARTICLE XXXII (FERTILIZER AND LANDSCAPE MANAGEMENT) OF THE SARASOTA COUNTY CODE.

IRRIGATION NOTES

- REFER TO IRRIGATION PLANS.
- THE SYSTEM IS FULLY AUTOMATIC AND PROVIDE COVERAGE OF THE PLANTED SITE IN ADHERANCE TO THE WATER EFFICIENT LANDSCAPE ORDINANCE.
- THE IRRIGATION SYSTEM SHALL PROVIDE:
- RAIN SENSOR GAUGE
 - SEPARATE ZONES TO IRRIGATE TURF AND SHRUBS.
 - CONNECTION TO THE DEVELOPER'S WELL WATER SOURCE
- THE PROGRAMING OF THE SYSTEM SHALL TAKE INTO CONSIDERATION SLOW PERCOLATING SOLIS.

LANDSCAPE SPECIFICATIONS

COMAND NOTES (SPECIFIED LS BEDS ONLY)

SPECIFICATIONS FOR THE USE OF COMAND IN PLANT BED ESTABLISHMENT

WHAT IS COMAND?
COMAND IS A HIGHLY ORGANIC COMPOST MATERIAL USED TO ENRICH STERILE SITE SOLIS.

HOW TO UTILIZE COMAND
PLANT BED
PROVIDE COMAND SCREENED TO 1/2" OR LESS. CONFIRM FINAL GRADE PROVIDED FROM GENERAL CONTRACTOR TO BE 2-3" BELOW FINAL FINISHED GRADE ELEVATION. BROADCAST A THREE (3) INCH LAYER OF COMAND EVENLY OVER THE PLANTING AREA. INCORPORATE COMAND INTO THE SOIL DURING PLANT MATERIAL INSTALLATION. WATER AND FERTILIZE UPON COMPLETION.

COMAND SUPPLY CONTACT:
GREEN EDGE TECHNOLOGIES
GRANT BEATT
1530 EASTBROOK DR.
SARASOTA, FL 34231
PHONE: 941-313-4919
EMAIL: GRANT@GREENEDGEFLORIDA.COM

CITY OF VENICE TREE MITIGATION AND REPLACEMENT SPECIFICATIONS

- (LDC SUBPART B, CHAPTER 18, SECTIONS 118-11, 118-12, AND 118-13)
- FOR TREES THAT WERE PRESERVED OR PLANTED AS PART OF A TREE PERMIT, PROBLEM TREES SHALL BE REPLACED WITH EQUIVALENT TREE INCHES OF SIMILAR SPECIES. REPLACEMENT TREES MAY BE PLANTED ON THE SAME SITE OR OTHER COMMON AREAS, SUCH AS AROUND DRAINAGE PONDS, NEAR A CLUBHOUSE, A PARK OR ENTRY, OR ADDRESSED THROUGH ARTICLE VI, TREE MITIGATION FUND.
- TREE REPLACEMENT CALCULATIONS PROVIDED HEREIN PROVIDE MINIMUM STANDARDS FOR TREE REPLACEMENT AND MITIGATION ON A PER ACRE BASIS OR PERCENTAGE THEREOF (SEE FORMULA AND EXAMPLES PROVIDED IN SUBSECTION (A)(V), BELOW). ALL PROPERTIES MUST MEET THE MINIMUM STANDARDS, OR WHERE THE SITE CANNOT ADEQUATELY ACCOMMODATE THE REQUIRED NUMBER OF TREE INCHES, PROVIDE MITIGATION BY PAYMENT TO THE CITY'S TREE MITIGATION FUND. THE REQUIRED TREE INCHES IS BASED ON THE SUBJECT PROPERTY ZONING DESIGNATION AS FOLLOWS:
 - ALL ZONING DISTRICTS EXCEPT INDUSTRIAL ZONING DISTRICTS, A MINIMUM SITE/PROJECT AREA OF 40 TREE INCHES PER ACRE OF APPROVED TREES IS REQUIRED. THIS CAN BE ACHIEVED AS FOLLOWS:
 - 1.1.1. PRESERVATION OF EXISTING TREES (INCHES MEASURED IN DBH) TO BE PRESERVED WITH NO IMPACT TO THE TPZ.
 - 1.1.2. PLANTING NEW TREES, WITHIN A PLANNED UNIT DEVELOPMENT (PUD) ZONING DISTRICT, PLANTING OF NEW TREES IS RESTRICTED TO COMMON AREAS ONLY.FORMULA: TOTAL PROJECT AREA ACREAGE (SEE EXHIBIT 5) X 40 INCHES = REQUIRED TREE INCHES PER ACRE
EXAMPLE: 3.2 ACRES X 40 INCHES = 128 TOTAL TREE INCHES REQUIRED
 - REPLACEMENT TREE GENERAL CRITERIA:
 - 2.A. FOR THE REMOVAL OF HERITAGE TREES, THE TOTAL CALIPER INCHES OF REPLACEMENT TREES SHALL EQUAL TOTAL DBH INCHES REMOVED, UNLESS OTHERWISE APPROVED BY THE CITY ARBORIST. FOR MULTI-TRUNKED TREES, THE TOTAL DBH OF THE FOUR LARGEST TRUNKS SHALL EQUAL THE REPLACEMENT CALIPER INCHES. UNLESS OTHERWISE STATED IN THIS CHAPTER, NEW PALMS MAY BE USED ONLY TO REPLACE PROTECTED PALMS REMOVED.
 - 2.B. TREE SPECIES SELECTED FOR PLANTING ARE SUBJECT TO CITY APPROVAL BASED UPON SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO: SOIL, CHARACTERISTICS, SOIL VOLUME, PLANTING AREA SIZE, AND VISIBILITY.
 - THE TREE SPECIES LISTED IN SEC. 118-13 ARE REQUIRED SPECIES FOR ALL TREE APPLICATIONS AND PERMITS. THE AVAILABLE SOIL VOLUMES AS DESCRIBED IN SECTION 118-13 ARE REQUIRED SPECIES FOR ALL TREE APPLICATIONS AND PERMITS. THE AVAILABLE SOIL VOLUMES AS POSSIBLE. MINOR DEVIATIONS FROM LARGE OR MEDIUM CANOPY TREE SOIL VOLUME REQUIREMENTS MAY BE ALLOWED BY THE CITY ARBORIST CS - COLD SENSITIVE (REQUIRES PROTECTION IF PLANTED AWAY FROM COASTAL AREAS GENERALLY UNDERSTOOD TO BE LOCATED EAST OF I-75)
 - 4.1. THE FOLLOWING SHALL BE REQUIRED FOR ALL LANDSCAPE DEVELOPMENT PLANS:
 - 4.1.1. AT A MINIMUM, 75 PERCENT OF REPLACEMENT TREES SHALL BE LARGE AND MEDIUM SIZED CANOPY TREES, UNLESS CANOPY TREES ARE NOT SUITABLE, AS REASONABLY DETERMINED BY THE DIRECTOR AND/OR DIRECTORS DESIGNED IN THE AREA TO BE PLANTED, WHERE TEN OR MORE TREES ARE TO BE PLANTED, NO SINGLE SPECIES SHALL CONSTITUTE MORE THAN 50 PERCENT OF THE TOTAL REPLACEMENT PLANTING.
 - 4.3. ALL REPLACEMENT CANOPY TREES SHALL BE A MINIMUM 2½ INCHES CALIPER MEASURED NO CLOSER THAN SIX INCHES FROM THE GROUND.
 - 4.4. ALL REPLACEMENT UNDERSTORY TREES SHALL BE A MINIMUM OF 1½ INCHES CALIPER MEASURED NO CLOSER THAN SIX INCHES FROM THE GROUND, AND BE A MINIMUM EIGHT FOOT IN HEIGHT FROM GRADE.
 - 4.5. NO MORE THAN 25 OF THE REQUIRED TREE PLANTINGS MAY BE OF THE PINUS (COMMONLY REFERRED TO AS PINE) SPECIES.
 - 4.6. REPLACEMENT TREES SHALL BE FLORIDA NO. 1 OR GREATER (FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION).
 - 4.7. SHAL PALMETTO (CABBAGE PALM) MAY BE PLANTED AT A RATE EQUIVALENT TO THREE PALMS TO ONE REQUIRED TREE (2½ TREE INCHES). OTHER FLORIDA-FRIENDLY PALM SPECIES MAY BE PROPOSED AT THE SAME THREE TO ONE RATIO FOR APPROVAL OF THE CITY ARBORIST. PALMS SHALL NOT CONSTITUTE MORE THAN 25 PERCENT OF THE REQUIRED TREE INCHES. IT IS NOT THE INTENT OF THIS RESTRICTION TO PREVENT THE PLANTING OF ADDITIONAL PALM TREES IN EXCESS OF THE REQUIRED TREE INCHES.

CITY OF VENICE BEST MANAGEMENT PRACTICES

- (LDC SUBPART B, CHAPTER 118, SECTION 118-19)
- THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE APPLICABLE TO ALL TREE PERMITS, UNLESS SPECIFIED OTHERWISE HEREIN. THESE STANDARD BEST MANAGEMENT PRACTICES SHALL ALSO BE APPLICABLE TO ACTIVITIES THAT AFFECT PROTECTED, HERITAGE, AND VENETIAN TREES, TREES LOCATED WITHIN A TPZ AND CRPZ, AND REGARDLESS OF WHETHER A TREE PERMIT IS REQUIRED FOR THE PROPOSED ACTIVITY.
 - PRIOR TO COMMENCING WORK AND THROUGHOUT THE DURATION OF THE AUTHORIZED ACTIVITY, THE OWNER, DEVELOPER, CONTRACTOR OR AGENT SHALL CLEARLY MARK WITH RED FLAGGING ALL TREES PROPOSED TO BE REMOVED AND SHALL ERECT BARRICADES AROUND ALL TREES TO BE PROTECTED. THE BARRICADES MUST REMAIN IN PLACE AND BE IN GOOD CONDITION FOR THE DURATION OF THE AUTHORIZED ACTIVITY. PROTECTIVE BARRICADES FOR PROTECTED TREES SHALL BE INSTALLED NO CLOSER THAN THE OUTER EDGE OF THE DESIGNATED TPZ OF THE TREE. BARRICADES SHALL BE PLACED NO CLOSER THAN THREE FEET FROM THE TRUNK OF PALMS. BARRICADES SHALL BE CONSTRUCTED IN A POST AND RAIL CONFIGURATION OR WITH ORANGE BARRIER FENCING AND BE NO LESS THAN FOUR FEET IN HEIGHT. THE UPRIGHT POSTS SHALL BE A MINIMUM OF A TWO BY TWO-INCH WOODEN STAKE. POSTS SHALL BE IMPLANTED DEEP ENOUGH INTO THE GROUND TO BE STABLE AND EXTEND A MINIMUM HEIGHT OF FOUR FEET ABOVE THE GROUND. A MINIMUM OF A ONE FOUR-INCH BY ONE INCH BY EIGHT FEET IN LENGTH WOODEN BOARD SHALL BE USED TO CONNECT THE UPRIGHT POSTS. THE MAXIMUM DISTANCE ALLOWED BETWEEN UPRIGHT POSTS IS EIGHT FEET. SILT BARRIERS, HAY OR STRAW BALES, OR SIMILARLY EFFECTIVE EROSION CONTROL BARRIERS MAY BE SUBSTITUTED AND REQUIRED IN ANY AREA WHERE EROSION OR SILTATION MAY CAUSE DAMAGE TO TPZ UPON APPROVAL BY THE CITY ARBORIST. BARRICADES THAT RESULT IN GREATER PROTECTION MAY BE SUBSTITUTED WITH THE APPROVAL OF THE CITY ARBORIST. IN ALL CASES, THE BARRIERS MUST REMAIN IN PLACE UNTIL THE FINAL FINISH GRADE IS ESTABLISHED AT THE END OF THE PROJECT OR PROJECT PHASE. 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 OR TREE CLUSTERS OF 20 TREES OR LESS AND 100-FOOT INTERVALS FOR AREAS OF MORE THAN 20 TREES THAT CLEARLY STATE POTENTIAL FINES AND TREE PROTECTION AREA, KEEP OUT.
 - NO DAMAGING ATTACHMENT ROPES OR WIRES/OTHER THAN SUPPORTIVE MEASURES FOR A TREE, SIGNS, POSTERS, HANDBILLS, TREE PERMITS OR OTHER OBJECTS MAY BE FASTENED TO ANY TREE EXCEPT PURSUANT TO AUTHORIZATION UNDER THE PROVISIONS OF THIS CHAPTER. NO GASEOUS, LIQUID, EQUIPMENT EXHAUST OR SOLID SUBSTANCE WHICH MAY BE HARMFUL TO TREES SHALL COME INTO CONTACT WITH ANY PORTION OF THE TREE.
 - THE CITY ARBORIST MAY CONDUCT PERIODIC INSPECTIONS OF THE SITE DURING LAND CLEARING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THIS CHAPTER.
 - THE CITY ARBORIST MAY ALLOW CERTAIN ACTIVITIES TO BE CONDUCTED WITHIN THE BARRICADED TPZ, UPON A DETERMINATION THAT THE TREE WILL NOT BE ADVERSELY AFFECTED, SUCH AS DRIVEWAYS, SWIMMING POOL DECKS, AND PATIO PAVERS.
 - IF TEMPORARY EQUIPMENT OR VEHICLE ACCESS INTO THE TPZ IS REQUIRED FOR CONSTRUCTION ACTIVITY, STEPS MUST BE TAKEN TO PROTECT THE TPZ FROM COMPACTION AND DAMAGE. FOR SHORT-TERM TEMPORARY ACCESS OF THREE WEEKS OR LESS, A SIX TO 12-INCH LAYER OF ORGANIC MULCH IN THE AREA OF ENCROACHMENT SHALL BE INSTALLED AND MAINTAINED. FOR LONGER PERIODS THE APPLICANT WILL BE REQUIRED TO INSTALL AND MAINTAIN A FOUR-INCH LAYER OF MULCH AND PLACE THREE-QUARTER-INCH PLYWOOD ON THE MULCH LAYER TO CREATE A PATH FOR EQUIPMENT OR VEHICLES. UNDER NO CIRCUMSTANCES SHOULD THESE ACCESS PATHS BE PLACED ON OR WHERE THEY MAY IMPACT THE ROOT PLATE. THE CITY ARBORIST SHALL BE INFORMED AND APPROVE OF ANY ALTERATIONS TO THE ORIGINAL APPROVED TREE PROTECTION PLAN. VIOLATIONS WILL BE SUBJECT TO FINES AND PENALTIES AS ESTABLISHED IN THE SCHEDULE OF FEES AND CHARGES PER SECTION 118-5.
 - THE USE OF POSTS, PILINGS OR A SIMILAR SYSTEM SHALL BE USED AS THE CONSTRUCTION METHOD FOR STRUCTURES WITHIN THE TPZ. CONTINUOUS FOOTERS AND STEM WALLS SHALL NOT BE INSTALLED WITHIN THE TPZ UNLESS APPROVED BY THE DIRECTOR AND/OR DIRECTORS DESIGNED. THESE POSTS OR PILINGS SHALL BE ENGINEERED ONLY AS LARGE AS NECESSARY TO SUPPORT THE PROPOSED STRUCTURE. ALL EFFORTS SHALL BE MADE TO REDUCE THE IMPACT TO LARGE ROOTS AND IN NO CIRCUMSTANCES SHOULD THE STRUCTURE ENCROACH ON THE ROOT PLATE OF A TREE.
 - NO TRENCHES ARE PERMITTED WITHIN THE TPZ WITHOUT PRIOR APPROVAL OF THE CITY ARBORIST. WITH APPROVAL OF THE CITY ARBORIST, HAND DUG TRENCHES MAY BE ALLOWED AND ROOTS PRUNED CLEANLY AS DIRECTED IN ANSI A 300 PART 8, ROOT MANAGEMENT STANDARD. ALL EFFORTS SHOULD BE MADE TO BYPASS THE TPZ WITH UNDERGROUND UTILITIES AND IRRIGATION LINES UNLESS TUNNELING METHODS ARE USED A MINIMUM OF 36 INCHES BELOW THE EXISTING GRADE.
 - SOL VOLUMES—REQUIRED SOIL VOLUMES FOR TREES.
 - 9.1. LARGE CANOPY TREES, TALLER THAN 45 FEET IN HEIGHT:
 - 9.1.1. MINIMUM OPEN SOIL SPACE 300 SQUARE FEET OR MINIMUM UNCOMPACTED SOIL VOLUME OF 900 CUBIC FEET TO A DEPTH NOT TO EXCEED 36 INCHES.
 - 9.1.2. NO CLOSER THAN FOUR FEET FROM ANY PAVEMENT OR CURBING.
 - 9.1.3. MINIMUM PLANTING SPACE WIDTH IS EIGHT FEET.
 - 9.1.4. MINIMUM UNCOMPACTED SOIL DEPTH 36 INCHES.
 - 9.2. MEDIUM CANOPY TREES, FROM 25 TO 45 FEET IN HEIGHT:
 - 9.2.1. MINIMUM OPEN SOIL SPACE 200 SQUARE FEET OR MINIMUM UNCOMPACTED SOIL VOLUME OF 500 CUBIC FEET TO A DEPTH NOT TO EXCEED 36 INCHES.
 - 9.2.2. NO CLOSER THAN 36 INCHES FROM ANY PAVEMENT OR CURBING.
 - 9.2.3. MINIMUM PLANTING SPACE WIDTH IS SIX FEET.
 - 9.2.4. MINIMUM UNCOMPACTED SOIL DEPTH 30 INCHES.
 - 9.3. SMALL UNDERSTORY TREES, LESS THAN 25 FEET IN HEIGHT:
 - 9.3.1. MINIMUM OPEN SOIL SPACE 100 SQUARE FEET OR MINIMUM UNCOMPACTED SOIL VOLUME OF 200 CUBIC FEET TO A DEPTH NOT TO EXCEED 36 INCHES.
 - 9.3.2. NO CLOSER THAN 24 INCHES FROM ANY PAVEMENT OR CURBING.
 - 9.3.3. MINIMUM PLANTING SPACE WIDTH IS FOUR FEET.
 - 9.3.4. MINIMUM UNCOMPACTED SOIL DEPTH 24 INCHES.
 - 9.4. EXCEPTIONS TO THE SPACE REQUIREMENTS FOR SOME INDIVIDUAL SPECIES MAY BE GRANTED BY THE CITY ARBORIST.
 - THE FOLLOWING ARE METHODS TO ACHIEVE SOIL VOLUME REQUIREMENTS FOR STREET TREES IN OR NEAR SIDEWALKS, WITHIN PLAZAS AND PARKING LOTS.
 - 10.1. STRUCTURAL SOIL® IS AN AGGREGATE SOIL DEVELOPED AND PATENTED BY CORNELL UNIVERSITY, CONSISTING OF A COMBINATION OF STONE AND SOIL PLUS ADDITIVES. THIS PRODUCT OR AN APPROVED EQUIVALENT PROVIDES A HIGHLY COMPACTABLE MATERIAL THAT ALLOWS FOR ROOT GROWTH AND MAY BE USED UNDER PAVEMENT TO PROVIDE THE REQUIRED SOIL VOLUME FOR ROOT SPACE.

CITY OF VENICE BEST MANAGEMENT PRACTICES CONT.





















- SUSPENDED PAVEMENT, MODULAR SOIL CELL SYSTEMS DESIGNED TO BE ASSEMBLED AND PLACED UNDER PAVEMENT MAY BE USED TO PROVIDE ROOT SPACE. THESE SYSTEMS ARE DESIGNED TO SUPPORT THE PAYMENT WEIGHT WHILE PROVIDING UNCOMPACTED SOIL VOLUME FOR TREE ROOTS.
- OTHER SOIL VOLUME SYSTEM DESIGNS MAY BE APPROVED BY THE DIRECTOR AND/OR DIRECTOR'S DESIGNEE

CITY OF VENICE BEST GENERAL PLANTING SPECIFICATIONS

(LDC SUBPART B, CHAPTER 86, SECTIONS 86-431, 86-433, 86-34, 86-35, 86-439, AND 86-461)

- QUALITY AND SUITABILITY. PLANT MATERIALS USED IN CONFORMANCE WITH THE PROVISIONS OF THIS DIVISION SHALL CONFORM TO THE STANDARDS FOR FLORIDA NO. 1 OR BETTER AS GIVEN IN GRADES AND STANDARDS FOR NURSERY PLANTS, PART I, 1963, AND PART II, STATE OF FLORIDA DEPARTMENT OF AGRICULTURE, TALLAHASSEE, OR EQUAL, THERETO AS APPROVED BY THE ZONING ADMINISTRATOR OR HIS DESIGNEE. PLANT MATERIALS SHALL BE INDIGENOUS TO THE CITY AREA OR OF A HARDY SPECIES ADAPTED TO THE CLIMATE AND SOILS OF THE AREA. EXOTIC SPECIES OR THOSE REQUIRING WATERING IN EXCESS OF THE CITY'S NORMAL RAINFALL ARE DISCOURAGED.
- TREES. ALL TREES SHALL BE SPECIES HAVING AN AVERAGE MATURE SPREAD OR CROWN OF GREATER THAN 15 FEET IN THE CITY AREA AND HAVING TRUNKS WHICH CAN BE MAINTAINED IN A CLEARWOOD. TREES HAVING AN AVERAGE MATURE SPREAD OF GROWN LESS THAN 15 FEET MAY BE SUBSTITUTED BY GROUPING THE TREES SO AS TO CREATE THE EQUIVALENT OF A 15-FOOT CROWN SPREAD. TREE SPECIES SHALL BE A MINIMUM OF TEN FEET IN OVERALL HEIGHT AND FOUR FEET IN SPREAD AND A MINIMUM OF THREE INCHES IN DIAMETER MEASURED SIX INCHES ABOVE THE GROUND IMMEDIATELY AFTER PLANTING. TREES OF SPECIES WHOSE ROOTS ARE KNOWN TO CAUSE DAMAGE TO PUBLIC ROADWAYS OR OTHER PUBLIC WORKS SHALL NOT BE PLANTED CLOSER THAN SIX FEET TO SUCH PUBLIC WORKS, UNLESS THE TREE ROOT SYSTEM IS COMPLETELY CONTAINED WITHIN A BARRIER FOR WHICH THE MINIMUM INTERIOR DIMENSIONS SHALL BE FIVE FEET SQUARE AND FIVE FEET DEEP, AND FOR WHICH THE CONSTRUCTION REQUIREMENTS SHALL BE FOUR-INCH-THICK CONCRETE REINFORCED WITH #6 WIRE MESH (SIX BY SIX BY SIX) OR EQUIVALENT. ALL TREES SHALL BE APPROVED BY THE ZONING ADMINISTRATOR. EXISTING TREES, AS DEFINED IN THIS SUBSECTION, MAY BE USED TO MEET THE REQUIREMENTS OF THIS SECTION. FOR THE PURPOSE OF THIS SUBSECTION, PALMS SHALL NOT BE CONSIDERED TREES.
- SHRUBS AND HEDGE PLANTS. SHRUBS SHALL BE A MINIMUM OF TWO FEET IN HEIGHT WHEN MEASURED IMMEDIATELY AFTER PLANTING. HEDGE PLANTS, WHERE REQUIRED, SHALL BE PLANTED NOT MORE THAN THREE FEET ON CENTER, AND MAINTAINED SO AS TO FORM A CONTINUOUS, UNBROKEN, SOLID VISUAL SCREEN WITHIN A MAXIMUM OF ONE YEAR AFTER TIME OF PLANTING.
- VINES. VINES SHALL BE A MINIMUM OF 30 INCHES IN HEIGHT IMMEDIATELY AFTER PLANTING AND MAY BE USED IN CONJUNCTION WITH FENCES, SCREENS OR WALLS TO MEET PHYSICAL BARRIER REQUIREMENTS AS SPECIFIED.
- GROUND COVERS. GROUND COVERS IN LIEU OF GRASS IN WHOLE OR IN PART SHALL BE PLANTED IN SUCH A MANNER AS TO PRESENT A FINISHED APPEARANCE AND REASONABLY COMPLETE COVERAGE AND SHALL BE USED WITH A DECORATIVE MULCH SUCH AS PINE OR CYPRESS BARK OR OTHER MATERIAL OF A SIMILAR NATURE.
- LAWN GRASS. GRASS AREAS SHALL BE PLANTED IN SPECIES NORMALLY GROWN IN PERMANENT LAWNS IN THE CITY AREA. GRASS AREAS MAY BE SOODED, PLOWED, SPRIGGED, EXCEPT THAT SOLID SOD SHALL BE USED IN SWALES OR OTHER AREAS SUBJECT TO EROSION. IN AREAS WHERE OTHER THAN SOLID SOD OR GRASS SEED IS USED, NURSE GRASS SEED SHALL BE SOWN FOR IMMEDIATE EFFECT AND PROTECTION UNTIL COVERAGE IS OTHERWISE ACHIEVED.
- EXCEPT FOR SINGLE-FAMILY AND TWO-FAMILY DWELLINGS AND AS OTHERWISE PERMITTED IN SECTION 86-50, PRIOR TO THE ISSUANCE OF ANY PERMIT FOR PAVING OR SURFACING UNDER THE PROVISIONS OF THIS CHAPTER, A PLOT AND PLANTING PLAN SHALL BE SUBMITTED TO AND BE APPROVED BY THE BUILDING DIVISION OF THE CITY. THE PLOT PLAN SHALL BE DRAWN TO SUITABLE SCALE, AND SHALL INCLUDE ALL PERTINENT DIMENSIONS AND INDICATE CLEARLY BY DELINEATION THE EXISTING AND PROPOSED PARKING SPACES OR OTHER VEHICULAR USE AREAS, ACCESS AISLES, DRIVEWAYS, HYDRANTS, THE SOURCE OF WATER SUPPLY FOR PLANTINGS, AND THE LOCATION AND SIZE OF ALL LANDSCAPE MATERIALS, INCLUDING THE LOCATION OF PLANTING PROTECTIVE DEVICES, AND THE LOCATION AND SIZE OF BUILDINGS, IF ANY, TO BE SERVED AND THE RELATION OF THE OFF-STREET FACILITIES THERETO, AND SHALL DESIGNATE PLANTINGS BY NAME AND SHALL LOCATE THE PLANT MATERIAL TO BE INSTALLED OR, IF EXISTING, TO BE USED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS DIVISION. NO CONSTRUCTION PERMIT SHALL BE ISSUED UNLESS THE PLOT PLAN HAS BEEN REVIEWED AND APPROVED BY THE ENGINEERING DIVISION OF THE CITY AS COMPLYING WITH THE PROVISIONS OF THIS SECTION.
- ALL LANDSCAPING REQUIRED BY THIS SUBDIVISION SHALL BE INSTALLED IN ACCORDANCE WITH THE PLOT PLAN AS FINALLY APPROVED PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
- MAINTENANCE AND UPKEEP OF ALL LANDSCAPING AND LANDSCAPED AREAS REQUIRED BY THIS CHAPTER IS THE RESPONSIBILITY, JOINTLY AND SEVERALLY, OF OWNERS, TENANTS OR AGENTS. IF ANY, LANDSCAPING AND LANDSCAPED AREAS SHALL PRESENT A HEALTHY, NEAT AND ORDERLY APPEARANCE, FREE FROM REFUSE AND DEBRIS. DEAD OR DYING PLANT MATERIALS SHALL BE PROMPTLY REMOVED AND REPLACED BY MATERIALS MEETING THE REQUIREMENTS OF THE ORIGINAL LANDSCAPING PLAN. FAILURE TO MEET THIS REQUIREMENT OF CONTINUED MAINTENANCE AND UPKEEP SHALL BE A VIOLATION OF THIS CHAPTER.
- WHERE AN ACCESSWAY INTERSECTS A PUBLIC RIGHT-OF-WAY, ALL LANDSCAPING SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY AT A LEVEL BETWEEN 2.5 FEET AND TEN FEET WITHIN THE AREAS OF PROPERTY ON BOTH SIDES OF AN ACCESSWAY FORMED BY THE INTERSECTION OF EACH SIDE OF THE ACCESSWAY AND PUBLIC RIGHT-OF-WAY LINES, WITH TWO SIDES OF EACH TRIANGLE BEING TEN FEET IN LENGTH FROM THE POINT OF INTERSECTION AND BEING A LINE CONNECTING THE ENDS OF THE TWO OTHER SIDES, PROVIDED THAT TREES HAVING LIMBS AND FOLIAGE TRIMMED IN SUCH A MANNER THAT NO LIMBS OR FOLIAGE EXTEND INTO THE CROSS-VISIBILITY AREA SHALL BE ALLOWED, PROVIDED THEY ARE LOCATED SO AS NOT TO CREATE A TRAFFIC HAZARD, NO BUFFER, STRUCTURE OR LANDSCAPING, EXCEPT REQUIRED GRASS OR GROUND COVER, SHALL NOT BE LOCATED CLOSER THAN THREE FEET TO THE EDGE OF ANY ACCESSWAY PAVEMENT.

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	COVERAGE
TREES							
	33	Burdia buceras 'Shady Lady'	Shady Lady Black Olive	Container or RPG	3"Cal	10' Ht. Min.	
	32	Elaeocarpus decipiens	Japanese Blueberry Tree	B&B or Cont	3"Cal	10' Ht. Min.	
	19	Eugenia forida * See General Note #9	Spanish Stopper	Container or RPG	3"Cal	10' Ht. Min.	
	6	Feijoa sellowiana * See General Note #9	Pineapple Guava	Container or RPG	3"Cal	10' oah	
	34	Ilex x attenuata 'Eagleston' * See General Note #9	Eagleston Holly	Container or RPG	3"Cal	10' Ht. Min.	
	12	Pinus elliotii	Slash Pine	Container or RPG	3"Cal	12'-14' oah	
	8	Quercus virginiana	Southern Live Oak	Container or RPG	3"Cal	10' Ht. Min.	
PALMS							
	18	Coccolthrinax morrisii	Thatch Palm	B & B		6'-8' oah	
	6	Phoenix roebelenii	Pygmy Date Palm-TripLe	B&B		6' - 8' oah	
	42	Roystonea elata	Florida Royal Palm	B&B	N/A	12' gw, matching	
SHRUBS							
	241	Chrysobalanus icaco 'Red Tip'	Red Tip Cocophum	3 gal	24" min.	18"-24"	36"
	38	Conocarpus erectus sericeus	Silver Button Wood	3 gal	24" Min.	18"-24"	36"
	95	Citrum asiaticum	White Citrum Lily	3 gal.	24"-36"	24"-36"	36"
	37	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gal	12"-18"	12"-18"	30"
	220	Hamelia patens 'Firefly'	Firefly Firebush	3 gal	12"-18"	12"-18"	30"
	281	Ixora coccinea	Red Ixora	3 gal	18"-24"	18"-24"	36"
	329	Ixora taiwanensis 'Dwarf Red'	Dwarf Red Ixora	3 gal	12"-15"	8"-12"	30"
	763	Jasminum multiflorum	Downey Jasmine	3 gal	24" Min.	18"-24"	36"
	43	Myrsine frutescens	Simpson's Stopper	3 gal	24"-30"	24"-30"	36"
	131	Myrica cerifera	Wax Myrtle	3 gal	24"-30"	18"-24"	48"
	89	Schefflera arboricola 'Dwarf'	Dwarf Green Schefflera	3 gal	24" Min.	18"-24"	36"
GROUND COVERS							
	440	Arachis glabrata	Perennial Peanut	1 gal	8"-12"	8"-12"	12"-18"
	541	Juniperus chinensis 'Parsoni'	Parsoni Juniper	3 gal	8"-12"	12"-18"	36" o.e.
	1,178	Linum muscat	Lilyturf	1 gal	8"-12"	8"-12"	18" o.e.
	108	Pennisetum setaceum 'White'	White Fountain Grass	3 gal	18"-24"	12"-18"	30" o.e.
	2,616	Tradescantia virginiana	Asiatic Jasmine	1 gal	3'-6"	8"-12"	12"-18"
	163	Tripsacum dactyloides	Fakahatchee Grass	3 gal	18"-24"	18"-24"	48" o.e.
	76	Tripsacum fordsianum	Florida Gamagrass	3 gal	18"-24"	18"-24"	36" o.e.
DESCRIPTION							
COCOA BROWN GRADE "B" MULCH, 3" DEEP IN ALL BEDS & 6" DIA.				QTY	542.16 cy		
TREE RINGS							
	34,485 sf	Prunella vulgaris	Batla	sod	NA	NA	NA

CITY OF VENICE BEST GENERAL PL