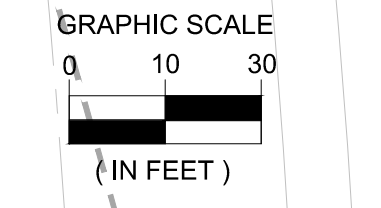


TRENDS PLACED WITHIN 10 FEET OF DRAINAGE STRUCTURES OR PIPE SHALL INCLUDE A ROOT BARRIER PRODUCT TO PROTECT THE DRAINAGE SYSTEM.

BUFFER REQUIREMENT.
1:30 SHRUBS @ 24" O.C. 423.2 LF / 30 = 14 TREES
+ 24" O.C. SHRUBS REQ. 14 TREES PROVIDED AND
24" O.C. SHRUBS MET. REMAINING 34' NATURAL
BUFFER DUE TO WETLAND RESTRICTION.



1 inch = 30 ft.
ELEVATIONS BASED ON
NAVD 88 VERTICAL DATUM
DATUM CONVERSION
NGVD29 - NAVD88 = 1.486'

BUFFER REQUIREMENT.
1:30 SHRUBS @ 24" O.C.
171 LF / 30 = 6 CANOPY
TREES REQ.
5 PROPOSED TREES + 1
EXISTING TREE = 6
TREES PROVIDED AND
24" O.C. SHRUBS MET.

EXISTING TREES
COUNTED AS 1
TREE TOWARDS
BUFFER REQUIREMENT.
(TYP.)

EXISTING TREES
COUNTED AS 1
TREE TOWARDS
BUFFER REQUIREMENT.
(TYP.)

EXISTING TREES
COUNTED AS 1
TREE TOWARDS
BUFFER REQUIREMENT.
(TYP.)

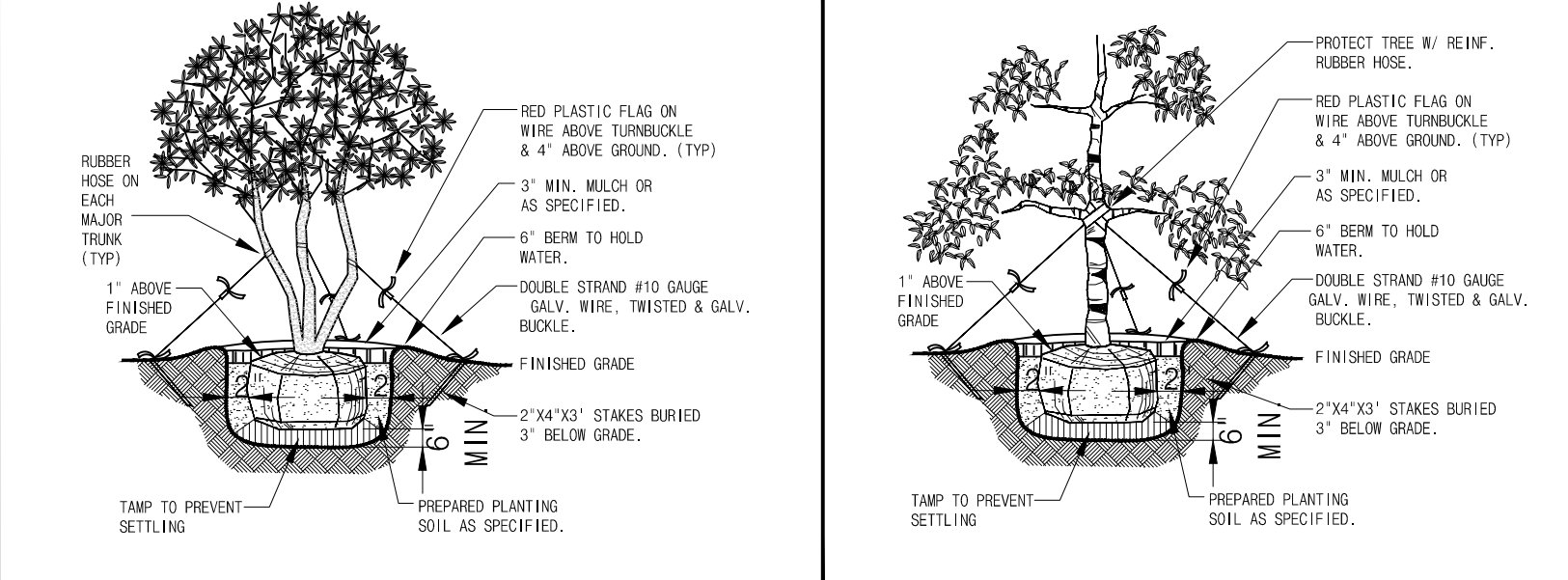
BURIED UTILITIES NOTE
BURIED UTILITIES ARE SHOWN AT THEIR APPROXIMATE LOCATION BASED UPON INFORMATION OBTAINED FROM UTILITY COMPANIES AND FIELD EVIDENCE. OTHER BURIED UTILITIES MAY EXIST ON THE SUBJECT SITE WHICH ARE NOT SHOWN ON THIS DRAWING. USE EXTREME CAUTION DURING LOCATION PROCEDURES AND CONTACT FLORIDA STATE ONE CALL 1-800-432-4770 FOR EXACT LOCATION OF BURIED FACILITIES PRIOR TO EXCAVATION OPERATIONS.

CALL BEFORE YOU DIG...
1-800-432-4770
UTILITIES PROTECTION CENTER
IT'S THE LAW

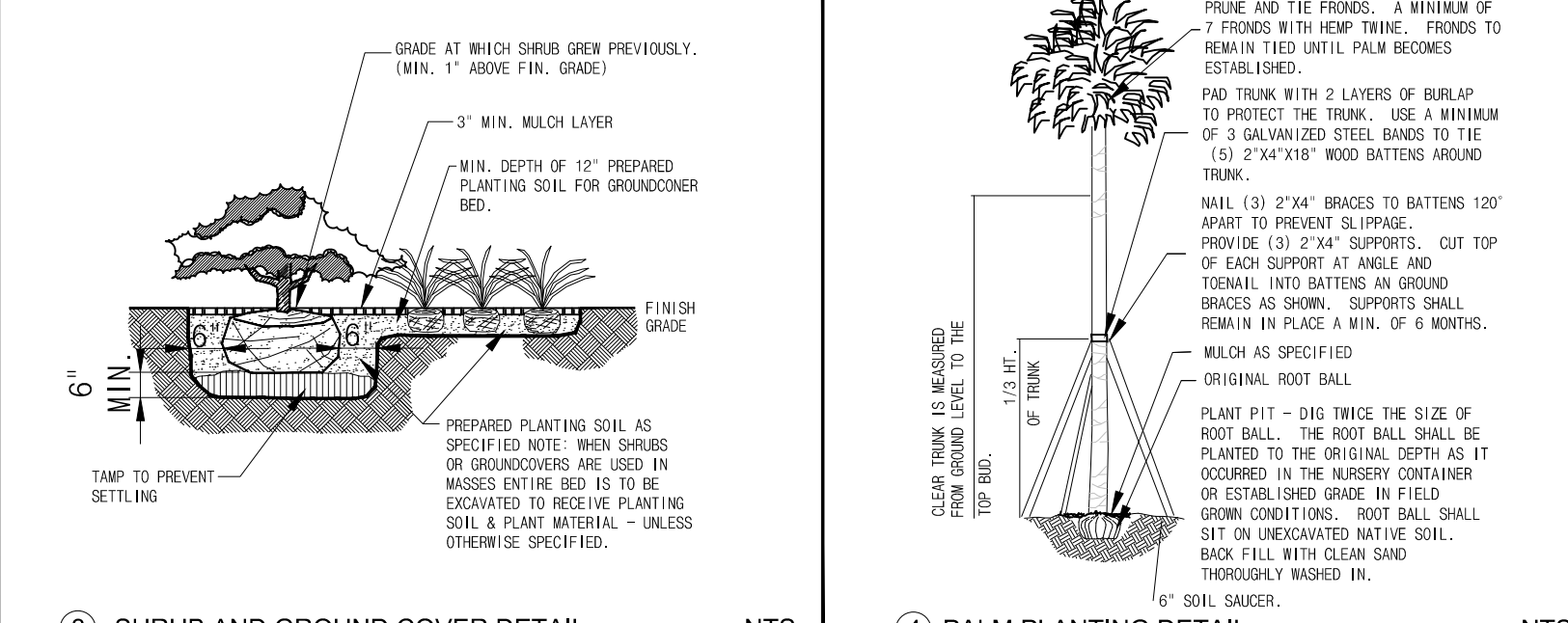
PLANT LIST

SYMBOL	BOTANICAL NAME (COMMON NAME)	MINIMUM SIZE/SPACING	DROUGHT TOLERANCE	NATIVE FLORIDA	QUANTITY
QV	QUERCUS VIRGINIANA (SOUTHERN LIVE OAK)	12" MIN. HT. 2.5" CAL. MIN. 4" CLEAR TRUNK	YES	YES	16
MG	MAGNOLIA GRANDIFLORA (SOUTHERN MAGNOLIA)	12-14" MIN. HT. 2.5" CAL. MIN. 3" CLEAR TRUNK	YES	YES	17
TD	TAXODIUM DISTICHUM (BALD CYPRESS)	12" MIN. HT. 2.5" CAL. MIN. 5" CLEAR TRUNK	YES	YES	26
IX	ILEX X ATTENUATA (EAST PALATKA HOLLY)	12" MIN. HT. 2.5" CAL.	YES	NO	3
BS	BURSERIA SIMARUBA (GUMBO LIMBO)	12" MIN. HT. 2.5" CAL.	YES	YES	6
TH	TABEBUIA HETEROPHYLLA (PINK TRUMPET TREE)	12" MIN. HT. 2.5" CAL.	YES	NO	8
LEG	EMERALD GODDESS LIRIOPE (LIRIOPE MUSCARI)	12"-14" MIN. HT. 1 GAL. 24" O.C.	YES	NO	162
RI	RAPHIOLEPIS INDICA (INDIAN HAWTHORNE)	18" MIN. HT. 3 GAL. 24" O.C.	YES	NO	200
JA	JASMINE ASIATIC (ASIAN JASMINE)	6"-8" MIN. HT. 1 GAL. 18" O.C.	YES	NO	216
VO	WALTER'S VIBURNUM (VIBURNUM OBOVATUM)	24" MIN. HT. 18" SPREAD. 3 GAL. 24" O.C.	YES	YES	601
PM	PODOCARPUS MACROPHYLLUS (PODOCARPUS)	48" X 30" MIN. SPREAD. 15 GAL. 50" O.C.	YES	NO	26
HP	HAMELIA PATENS (FIREBUSH)	24" MIN. HT. 18" SPREAD. 3 GAL. 24" O.C.	YES	YES	78
BS	BAHIA SEED	QUANTITY TO BE CALCULATED BY CONTRACTOR	YES	YES	TBD
SOD	BAHIA	QUANTITY TO BE CALCULATED BY CONTRACTOR	YES	YES	TBD

NOTE: WHERE GALLON REFERENCES MAY CONFLICT WITH HEIGHT/SPREAD AND CALIPER MEASUREMENTS, THE HEIGHT/SPREAD AND CALIPER MEASUREMENTS SHALL GOVERN.



1 MULTI-TRUNK DETAIL NTS 2 TREE PLANTING DETAIL NTS



3 SHRUB AND GROUND COVER DETAIL NTS 4 PALM PLANTING DETAIL NTS

GENERAL LANDSCAPE NOTES

- ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER AS OUTLINED UNDER GRADES AND STANDARDS FOR NURSERY PLANTS, PART 1965 AND PART 8, STATE OF FLORIDA DEPARTMENT OF AGRICULTURE, TALLAHASSEE, FLORIDA, AND ANY AMENDMENTS THERETO.
- ALL TREES AND PLANT MATERIAL SHALL BE PLANTED IN ACCORDANCE WITH THE SPECIFICATIONS DESCRIBED IN THE STATE DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF FORESTRY, TREE PROTECTION MANUAL FOR FLOWERING AND DEVELOPERS, OCTOBER, 1980.
- THE LANDSCAPE CONTRACTOR (CONTRACTED BY OWNER ALG) SHALL BE RESPONSIBLE FOR ALL MATERIALS AND ALL WORK AS CALLED FOR ON THE LANDSCAPE PLANS. THE LIST OR PLANT QUANTITIES ACCOMPANYING THE PLANS SHALL BE USED AS A GUIDE ONLY. IF A VARIATION OCCURS BETWEEN THE PLANS AND THE PLANT LIST, THE PLANS SHALL CONTROL.
- ALL TREES, SHRUBS AND GROUND COVERS SHALL BE PLANTED USING A SOIL MIXTURE PREPARED ACCORDINGLY TO EXISTING SOIL TO PROTECT.
- THE LANDSCAPE CONTRACTOR SHALL INSURE ADEQUATE VERTICAL DRAINAGE IN ALL PLANT BEDS AND PLANTERS. VERTICAL DRILLING THROUGH ANY COMPACTED FILL TO NATIVE SOIL SHALL BE ACCOMPISHED TO 48" DEPTH.
- ALL PLANT BEDS AND TREE WATERING BASINS SHALL BE TOP DRESSED WITH THREE INCHES (3") OF NON-CYPRESS MULCH.
- NO TREES SHALL BE PLANTED CLOSER THAN 5 FEET (5') FROM THE EDGE OF PAVEMENT TO ALLOW ADEQUATE TREE TRUNK PROTECTION.
- LANDSCAPE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR STABILITY AND PLUMBING OF ALL TREES AND SHALL BE LEGALLY LIABLE FOR ANY DAMAGE CAUSED BY THE INSTABILITY OF ANY PLANT MATERIAL.
- ALL LANDSCAPE AREAS TO BE FURNISHED WITH AN AUTOMATIC UNDERGROUND SYSTEM, DRAGGED TO ESTABLISH A LEVEL FINISH GRADE. ALL DEBRIS TO BE REMOVED FROM THE SITE.
- SOIL SHALL BE FREE OF WEEDS AND PESTS. IT SHALL BE LAID EVENLY AND ROLLED, WITH RIGHT FITTING JOINTS. THE SOIL SHALL CONTAIN NEUTRAL SOIL (PH) DOES NOT FALL APART OR TEAR WHEN LIFTED. ALL AREAS NOT PAVED OR OTHERWISE LANDSCAPED SHALL BE SOILED. SOIL SHALL BE 8" ADJUSTED OR EQUAL.
- ALL LANDSCAPE AREAS TO BE FURNISHED WITH AN AUTOMATIC UNDERGROUND SYSTEM, WITH 100% COVERAGE, BACKFLOW PREVENTOR, & RAIN SENSOR DEVICE. DIRECT SPRINKLER HEADS AWAY FROM ANY NATURAL AREAS AND PAVED SURFACES.
- THE TREE CALIPER OF ALL CANOPY TREES SPECIFIED ON THE PLANT LIST SHALL BE MEASURED AT FOUR AND ONE-HALF FEET ABOVE GRADE.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING ON SITE OR ADJACENT AREAS, INCLUDING BUT NOT LIMITED TO BUILDINGS, PAVING, UTILITIES, ETC. WHICH IS CAUSED BY PREPARING OR INSTALLING ANY AND ALL PLANT MATERIAL.

CITY NOTES:

- A. NO LANDSCAPING SHALL BE PLANTED IN A MANNER THAT WOULD ADVERSELY AFFECT UTILITY EASEMENTS. LANDSCAPING SHALL BE IN COMPLIANCE WITH CHAPTER 153 AND THE CITY OF PORT ST. LUCIE CODE OF ORDINANCES, PSLUSD TECHNICAL SPECIFICATIONS AND POLICIES.
- B. ALL LANDSCAPING WITHIN CITY UTILITY EASEMENTS SHALL COMPLY WITH PSLUSD TECHNICAL SPECIFICATIONS, POLICIES, AND CODES.
- C. ALL LANDSCAPING SHALL MEET THE LATEST PSLUSD LANDSCAPE POLICY AND SHALL NOT BE PLACED IN A MANNER THAT WOULD CREATE CONFLICTS WITH THE INTENDED OPERATIONS AND MAINTENANCE OF ANY EXISTING UTILITY.
- D. TREES SHALL NOT BE PLANTED WITHIN TEN (10) FEET OF ANY PSLUSD UNDERGROUND INFRASTRUCTURE.
- E. NO LANDSCAPING OTHER THAN SOO GRASSES SHALL BE LOCATED WITHIN 5' OF A PSLUSD APPURTENANCE SUCH AS A WATER METER ASSEMBLY, BACKFLOW DEVICE, FIRE HYDRANT OR SEWER CLEANOUT, ETC.

NATIVE AND FLOWERING TREE REQUIRED CALCULATIONS:

AT LEAST FIFTY (50) PERCENT OF ALL REQUIRED TREES SHALL BE NATIVE SPECIES. 76 PROPOSED TREES/ 11 NON-NATIVE. 11% = 15% NON NATIVE AND 85% NATIVE TREES PROPOSED. REQ.MET.

AT LEAST TWENTY-FIVE (25) PERCENT OF ALL SHRUBS SHALL BE NATIVE SPECIES. 1,241 PROPOSED SHRUBS/620 NON-NATIVE. 50% = 50% NON NATIVE AND 50% NATIVE. REQ.MET.

AT LEAST TWENTY (20) PERCENT OF THE REQUIRED TREES SHALL BE FLOWERING TREES. 76 PROPOSED TREES/ MG BS AND TH PROPOSED FLOWERING TREE = 31% = 40% FLOWERING TREES. REQ.MET.

RICK ABT
5349 HUGH HOWELL RD.
STONE MOUNTAIN, GA 30087
404-909-2736

Jeremy R. Anderson, State of Florida, Professional Engineer, License No. 71636
This item has been digitally signed and sealed by Jeremy R. Anderson on the date indicated here.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

PSLUSD PROJECT #11-292-06 PORT ST. LUCIE PROJECT #P20-142

DOLLAR GENERAL

Commercial Real Estate Development

HANLIX DEVELOPMENT

Commercial Real Estate Development

COMMON OAK ENGINEERING

COMMON OAK ENGINEERING
1209 EDGEWATER DR. SUITE 100
ORLANDO, FL 32804
407.951-5915
CERTIFICATE OF AUTHORIZATION: 32644

DOLLAR GENERAL
PORT ST. LUCIE
AT
TURTLE DOVE LN. &
NW E. TORINO PKWY
PORT ST. LUCIE, FL 34986
STORE # 21975

NO.	DATE	REVISION/ISSUE	BY	CHK	APP
1	03/18/2022	CITY OF PORT ST. LUCIE	RS		
2	07/06/2022	CITY OF PORT ST. LUCIE	RS		

ENGINEER'S NAME & PE#

RICK ABT
FLORIDA RLA #1321

PROJECT # 219.070

DATE 03/18/2022 SHEET 5

SCALE 1:30 C7.0

LANDSCAPE PLAN