

General Notes

- FLORIDA NO. 1, AS GIVEN IN THE GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I & II AS PREPARED BY FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
- 2. ALL UTILITIES THAT ARE KNOWN TO THE LANDSCAPE ARCHITECT ARE LOCATED II. EXISTING AND PROPOSED LANDSCAPING IS TO BE MAINTAINED PER ON THE PLAN, FOR EXISTING OR PROPOSED UTILITIES: A. NO TREE SHALL BE PLANTED WHERE IT COULD CONFLICT WITH OVERHEAD
- POWER LINES AT MATURE HEIGHT. B. NO TREE, SHRUBS, HEDGES OR VINES SHALL BE PLANTED WITHIN FIVE (5) FEET OF ANY EXISTING OR PROPOSED UTILITY POLE, GUY WIRE OR-PAD MOUNTED TRANSFORMER.
- C. LARGE TREES (HEIGHT AT MATURITY OF MORE THAN 30 FEET SHALL BE PLANTED NO CLOSER THAN A HORIZONTAL DISTANCE OF 30 FEET FROM
- THE NEAREST OVERHEAD POWERLINE. D. MEDIUM HEIGHT TREE (HEIGHT AT MATURITY BETWEEN 20 AND 30 FEET) SHALL BE OFFSET AT LEAST TWENTY 20 FEET. E. SMALL TREES (HEIGHT AT MATURITY OF LESS THAN 20 FEET) REQUIRE NO
- OFFSET F. PALMS SHOULD BE PLANTED AT A DISTANCE EQUAL TO OR GREATER THAN THE AVERAGE FROND LENGTH PLUS 2 FEET FROM POWER LINES.
- 3. THE CONTRACTOR SHALL ENSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS, OR OTHER WASTE MATERIALS TO A DEPTH OF 24 INCHES PRIOR TO LANDSCAPE INSTALLATION.
- 4. IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS, EXISTING DRAINAGE PATTERN SHALL NOT BE ALTERED OR EFFECTED BY NEW LANDSCAPING,
- 5. PLANT ALL TREES AND PALMS (2 INCH 4 INCH) ABOVE FINISHED GRADE, TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD, REMOVE THE TOP ONE-THIRD (1/3) OF THE WIRE BASKETS ON ALL B & B MATERIAL.
- 6. ALL HEDGES AND GROUNDCOVERS TO BE PLANTED LEAVING SPACE BETWEEN PLANTS AND BUILDINGS, WALLS AND FENCES.
- 7. ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH PRE-EMERGENT HERBICIDE AND THEN TOP-DRESSED WITH 3-INCH DEEP LAYER OF COMMERCIAL PINE BARK NUGGETS, CONTRACTOR SHALL INSTALL WOVEN WEED BARRIER FABRIC IN ALL SHRUB/GROUNDCOVER BEDS.
- 8. HAND DIGGING HOLES FOR INSTALLING PROPOSED TREES IN CLOSE PROXIMITY TO UTILITIES IS REQUIRED TO AVOID CONFLICTS.
- 9. ALL EXOTIC VEGETATION TO BE REMOVED FROM THE SITE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.

- I. PLANT AND LANDSCAPE MATERIALS SHALL CONFORM TO THE STANDARDS FOR IO. NEW SOD SHALL BE ST, AUGUSTINE FLORITAM, THE QUANTITY SHOWN ON THE PLANT LIST IS AN ESTIMATE AND CONTRACTOR SHALL DETERMINE EXACT QUANTITIES IN THE FIELD. SOD AREAS TO BE MAINTAINED BY THE CONTRACTOR FROM THE TIME OF INSTALLATION TO THE TIME OF FINAL ACCEPTANCE.
 - JURISDICTION'S CLEAR SIGHT TRIANGLE REGULATIONS.
 - THE LANDSCAPE ARCHITECT MAY INSPECT TREES AND SHRUBS WHETHER AT 12. PLACE OF GROWTH OR AT SITE BEFORE PLANTING, FOR COMPLIANCE WITH THE REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE AND QUALITY. LANDSCAPE ARCHITECT RETAINS RIGHT TO FURTHER INSPECT TREES AND SHRUBS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEMS, INSECTS, INJURIES AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK, REMOVE REJECTED TREES OR SHRUBS IMMEDIATELY FROM PROJECT SITE.
 - ALL OF THE MINIMUMS FOR EACH PLANT SPECIFIED WITHIN THE PLANT LIST ARE 13. REQUIRED TO BE MET. IF ANY OF THE MINIMUMS ARE NOT MET, THE INSTALLED MATERIAL MAY OR MAY NOT BE REJECTED ON A CASE BY CASE BASIS BY THE LANDSCAPE ARCHITECT, OWNER, OR JURISDICTION.
 - 14. NO SUBSTITUTIONS WILL BE ACCEPTABLE, IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY TO LANDSCAPE ARCHITECT AND JURISDICTION TOGETHER WITH THE PROPOSAL FOR USE OF EQUIVALENT MATERIAL.
 - 15. IN EVENT OF DISCREPANCY, THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST.
 - 16. TREES TO BE STAKED ONLY IF REQUIRED AS DEEMED NECESSARY BY OWNER AND LANDSCAPE ARCHITECT TO ASSURE HEALTH, SAFETY AND WELFARE (INCLUDES BUT NOT LIMITED TO ALL CURVED CABBAGE, TALL ROYALS, CURVED AND LEANING SPECIMEN), ALL WOOD STAKES TO BE PAINTED FOREST GREEN. STAKING PROCEDURES SHALL BE STANDARD CONTRACTOR PRACTICE CREATING NO TRUNK DAMAGE OR FUTURE STRANGULATION OF TREE.
 - 17. ALL PLANT MATERIAL SHALL BE PLANTED WITH "TERRA-SORB AG" OR AN APPROVED EQUAL, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE RATE OF APPLICATION.
 - 18. AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDED WHICH MEETS OR EXCEEDS THE FULL REQUIREMENTS OF THE LAND DEVELOPMENT REGULATIONS. THE OWNER WILL SUPPLY ALL PROPOSED PLANT MATERIAL WITH 100% IRRIGATION (AUTOMATIC) COVERAGE (WITH 50% OVERLAP MINIMUM) WITHIN TEN DAYS OF INITIAL INSTALLATION.
 - 19. CONTRACTOR TO INSTALL THE IRRIGATION SYSTEM PER THE JURISDICTION'S REGULATIONS TO CONFORM TO THE LANDSCAPE DESIGN.

Additional Notes

- I. ALL IRRIGATION SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE NEEDS OF THE SYSTEM. STORM WATER REUSE, RECLAIMED WATER USE, GRAY WATER IRRIGATION SYSTEMS AND/OR SHALLOW WELLS SHALL BE USED. THE USE OF POTABLE WATER FOR IRRIGATION WILL NOT BE ALLOWED.
- 2. THERE SHALL BE 3-FT. MINIMUM CLEARANCE FROM LANDSCAPE PLANTS TO THE EDGE OF THE METERS LESS THAN 3-IN. AND IO-FT. FOR METERS 3-INC. AND LARGER.
- 3. THERE SHALL BE 7.5-FT. MINIMUM CLEARANCE FROM THE FRONT AND BOTH SIDES AND 4-FT, FROM THE BACK FOR ALL FIRE HYDRANTS.
- 4. NO TREE SHALL BE PLANTED WITHIN 10-FT. OF ANY WATER OR SEWER MAIN.
- 5. NO TREE WILL BE PLANTED WITHIN 3-FT. OF THE PROPERTY LINE OR 6-FT. OF ANY ABOVE OR UNDERGROUND UTILITY
- 6. THE PROPOSED ROADWAY BUFFERS ARE NOT LOCATED IN POTENTIAL FUTURE RIGHT-OF-WAY RESERVATION SETBACKS.
- 7. NO CLEARING WITH HEAVY EQUIPMENT, FILLING, OR PLACEMNT OF IMPROVEMENTS OR UTILITY LINES SHALL OCCUR WITHIN THE PROTECTED ROOT ZONE OF ANY CANOPY TREE TO BE SAVED,

	REQUIRED/		Overall
	PERMITTED	PROVIDED	
TREE PLANTING REQUIREMENT SITE AREA TREES - 1/3,500 SF INCLUDES (2) PROPOSED TREES = 2 TREES (1) EXISTING 14" OAK = 5 TREES	36,101 SF (0. 11 TREES	8 AC) 11 TREES	CANOPY TREES: INCLUDES (3) EXIS (3) EXIS
(1) EXISTING 17" OAK = 4 TREES* * 1 TREE CREDIT USED FOR WEST BUFFER CALCULA	TIONS		(5) EXIS (5) EXIS (6) PRC
VEHICLE USE AREA (VUA) LANDSCAPE AREA (10%) TREES = 1 TREE/250 SF REQU. LANDSC. =	18,934 SF 1,893 SF 8 TREES	1,893 SF 8 TREES	(34) PR BUFFER SHRUBS: OTHER VEGETATIOI
			TOTAL VEGETATION
LANDSCAPE BUFFERS <u>ROADWAY LANDSCAPE BUFFER</u> EAST - BEN HILL GRIFFIN PKWY- 40' WIDE BUFFER E/ TYPE "D" BUFFER	ASEMENT (187 I	_F)	NATIVE VEGETATIO TREES (MIN. 75% NA SHRUBS (MIN. 50% I
(5) TREES / 100 LF (187 LF / 100 LF X 5) = (3) EXISTING PALMS = 1 TREE (6) PRPOSED PALMS = 2 TREES (1) EXISTING TREES = 1 TREES (6) PROPOSED TREES = 6 TREES	10 TREES	10 TREES	
CONT. HEDGE DOUBLE ROW		161 SHRUBS	
NORTH - ENTRANCE DRIVE- 20' WIDE BUFFER (203 TYPE "D" BUFFER	LF)		
(5) TREES / 100 LF (203 LF / 100 LF X 5) = (5) EXISTING PALMS = 5 TREE (5) PROPOSED TREES = 5 TREES	10 TREES	10 TREES	
EXISTING CONT. HEDGE DOUBLE ROW	77	2000 2003	
WEST - INTERIOR ROAD - 20' WIDE BUFFER (139 LF) TYPE "D" BUFFER)		
 (5) TREES / 100 LF (139 LF / 100 LF X 5) = (1) EXISTING TREES = 5 TREES (6) PROPOSED TREES = 6 TREES 	7 TREES	11 TREES	
CONT. HEDGE DOUBLE ROW		117 SHRUBS	
PROJECT BOUNDARY BUFFERS		·	
SOUTH - ADJACENT COMMERCIAL - 5' WIDE BUFF TYPE "A" BUFFER	ER (170 LF)		
(4) TREES / 100 LF (170 LF / 100 LF X 4) =	7 TREES	7 TREES	
BUILDING PERIMETER PLANTINGS BUILDING GROSS FLOOR AREA:	2.020 SF	,	
REQUIRED LANDSCAPE AREA (10%):	202 SF	238 SF	

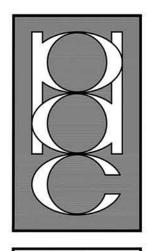
SYM	BOTANICAL NAME/ COMMON NAME	HEIGHT/ SPREAD	SPECIFICATION	NATIVE	DROUGHI TOLERAN	
IC	ILEX CASINE DAHOON HOLLY	12' HT. 6' SPR.	3" CAL, FIELD GROWN, B8B	Y	М	9
CD	COCCOLOBA DIV ERSIFOLIA PIGEON PLUM	12' HT. 6' SPR.	FIELD GROWN, B&B 3" CAL.	Y	н	6
QV	QUERCUS VIRGINIANA LIVE OAK	12' HT. 6' SPR.	FIELD GROWN, B&B 3" CAL, 5' CT, MIN.	Y	н	13
SP	SABAL PALMETTO SABAL PALM	IO' - I4" C.T.	AS SHOWN, BOOTED STAGGERED HEIGHTS	Y	н	6
тн	TABEBUIA HETEROPHYLLA PINK TRUMPET TREE	12' HT. 6' SPR.	FIELD GROWN, BEB 3" CAL, 5' CT. MIN,	Ν	н	6
CHR	CHRYSOBALANUS ICACO 'RED TIP' RED TIP COCOPLUM	24" X 18"	7 GAL., 24° O.C. FULL TO BASE	Y	н	74
PHC	PHOENIX ROEBELENII PYGMY DATE PALM	4' - 5' OAH	TRIPLE TRUNK FULL HEAD, EQ. HTS.	Ν	н	2
POD	PODOCARPUS MACROPHYLLUS PODOCARPUS	24" X 18"	7 GAL., 30" O.C. FULL TO BASE	Ν	н	21
SCH	SCHEFFLERA ABORICOLA 'TRINETTE' VARIEGATED ARBICOLA	24" X 18"	7 GAL., 24" O.C. FULL TO BASE	Ν	н	86
STR	STRELITZIA REGENAE BIRD OF PARADISE	30" X 24"	7 GAL., AS SHOWN FULL TO BASE	Ν	М	3
VIB	VIBURNUM OBOVATUM WALTER'S VIBURNUM	24" X 18"	7 GAL., 24° O.C. FULL TO BASE	Y	н	176
DIA	DIANELLA TASMANICA 'VARIEGATA' VARIEGATED FLAX LILY	18" X 16"	3 GAL., 24" O.C. FULL TO BASE	Ν	н	165
ILE	ILEX VOMITORIA 'STOKES DWARF' DWARF YAUPON HOLLY	18" X 16"	3 GAL., 24" O.C. FULL TO BASE	Ŷ	н	141
JUN	JUNIPERUS HORIZONTALIS 'WILTONI' BLUE RUG JUNIPER		3 GAL., 24" O.C. FULL TO BASE	Ν	н	105
LIR	LIRIOPE MUSCARI LIRIOPE		I GAL., 24° O.C. FULL TO BASE	Ν	М	55
MUH	MUHLENBERGIA CAPILLARIS PINK MUHLY GRASS	18" X 18"	3 GAL., 30" O.C. FULL TO BASE	Y	н	15
PHX	PHILODENON 'XANADU' DWARF PHILODENDRON	18" X 18"	3 GAL. 24° O.C. FULL TO BASE	Ν	М	9
RHA	RHAPHIOLEPIS INDICA INDIAN HAWTHORN	18" X 14"	3 GAL., 24" O.C. FULL TO BASE	Ν	н	98
ZAN	ZAMIA PUMILA COONTIE	18" X 18"	7 GAL., 30" O.C. FULL TO BASE	Y	н	71
SOC	STENOTAPHRUM SECUNDATUM ST. AUGUSTINE FLORITAM GRASS		DISEASE FREE, LAID TIGHTLY, EVEN UNIFORM	N	М	T.B.D.

		REQUIRED/ PERMITTED	PROVIDED
Y TREES:		53 TREES	53 TREES
DES	 (3) EXISTING TREES = (3) EXISTING SABALS (5) EXISTING SYLVEST (6) PROPOSED SABA (34) PROPOSED TREE 	= 1 TREE ER PALMS = 5 TREES LS = 2 TREES	
SHR	UBS:		278 SHRUBS
VEGETATION:		<u></u>	842 PLANTS
EGETATION			1,178 PLANTS
VEC	ETATION		
MIN.	75% NATIVE):	31 TREES	34 TREES (85%)
(MIN. 50% NATIVE):		560 SHRUBS	577 SHRUBS (52%)

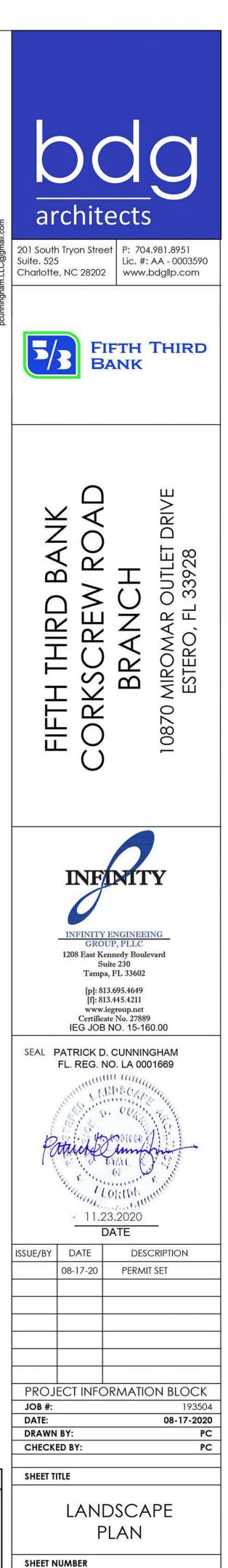
SCALE

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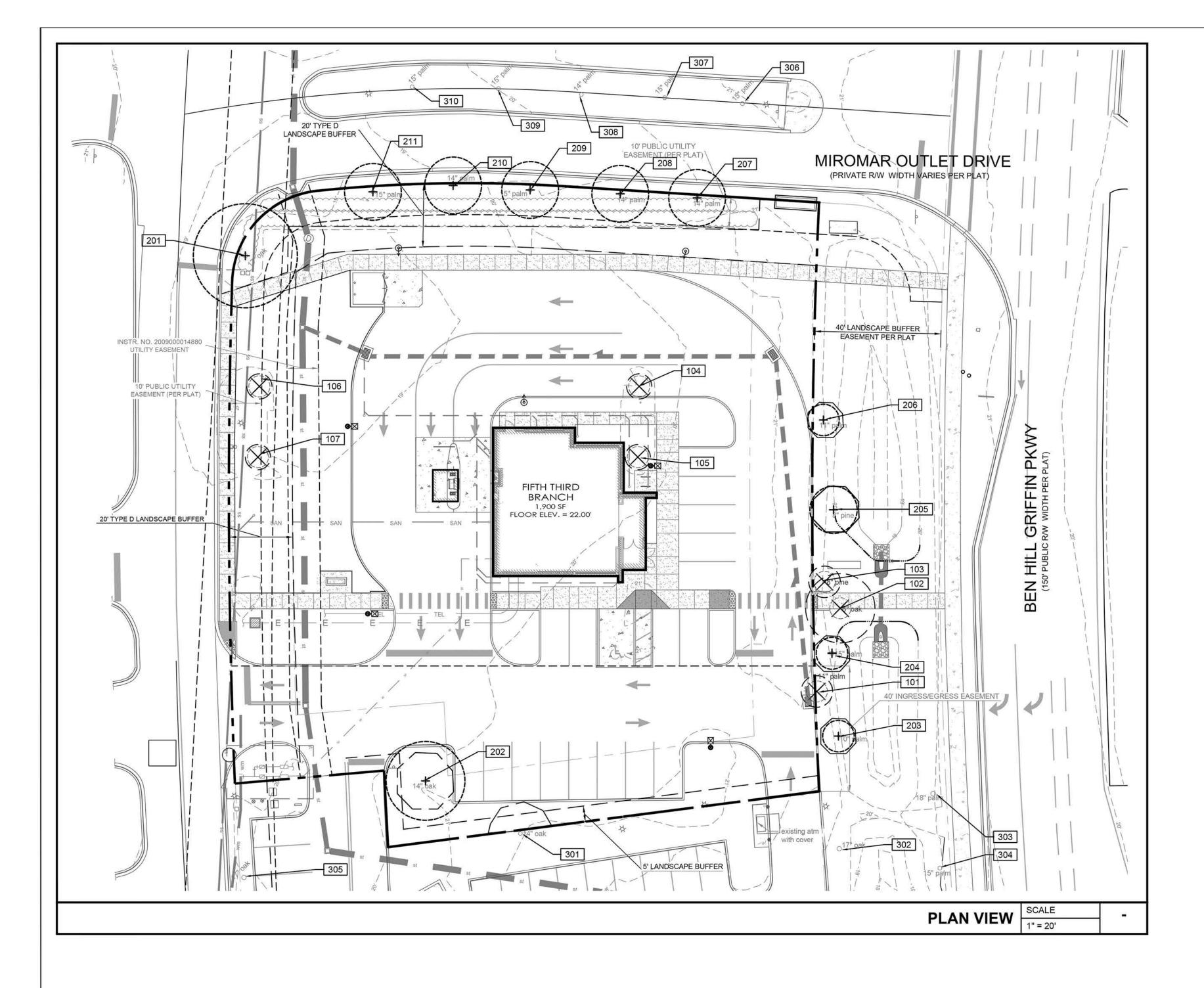
PATRICK D. CUNNINGHAM, LLC Iand planning landscape architecture 519 Sapphire Drive Sarasota, FL 34234 O: 941.351.8915



LP01.01

60 '

40 '



EXISTING TREES: (TO BE REMOVE	10
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NO.	TREE SPECIES	DBH	
101	PALM SPP.	10"	
102	OAK SPP.	6"	
103	PINE SPP.	8"	
104	HOLLY SPP.	4"	
105	HOLLY SPP.	4"	
106	HOLLY SPP.	4"	
107	HOLLY SPP.	4"	

EXISTING TREES: (TO REMAIN)

NO.	TREE SPECIES	DBH	CANOPY	
201	OAK SPP.	17"	35'	
202	OAK SPP.	14"	25'	
203	SABAL SPP.	10"	12'	
204	SABAL SPP.	15"	12'	
205	PINE SPP.	8"	16'	
206	SABAL SPP.	11"	12'	
207	PALM SPP.	14"	18'	
208	PALM SPP.	14"	18'	
209	PALM SPP.	15"	18'	
210	PALM SPP.	14"	18'	
211	PALM SPP.	15"	18'	

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KEY

100 23" OAK

EXISTING TREE/PALM TO REMAIN EXISTING OFF-SITE TREE/PALM

EXISTING TREE TO BE REMOVED

EXISTING TREE/PALM I.D. TAG

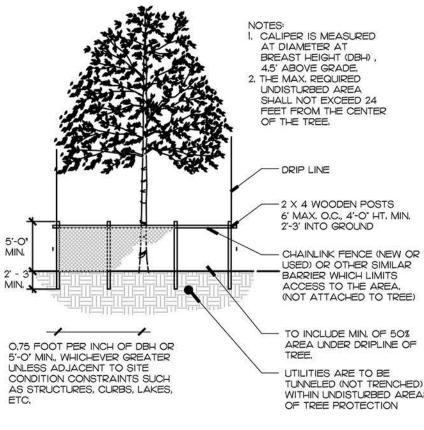
DBH & COMMON NAME

TPZ - TREE PROTECTION ZONE

48 HOURS BEFORE DIGGING 8-1-1 SUNSHINEBILCOM NOTIFICATION CENTER

Notes:

- I. TREE CALCULATIONS ABOVE ARE PER THE LAND DEVELOPMENT REGULATIONS.
- 2. THE CITY MAY WISH TO RELOCATE THE EXISTING TREES AT OWNER'S EXPENSE TO COUNTY PROPERTIES WITHIN THE DISTRICT.
- 3. A TREE REMOVAL PERMIT WILL BE REQUIRED PRIOR COMMENCEMENT OF DEVELOPMENT ACTIVITY.
- 4. THE CONDITION OF THE TREES LISTED ARE BASED ON A VARIETY OF MATERIALS, AS WELL AS FIELD OBSERVATIONS, AND ARE TO BE USED AS REFERENCE ONLY AND IS NOT TO BE USE FOR TREE PERMITTING. A CERTIFIED ARBORIST, NOT THE LANDSCAPE ARCHITECT IS RESPONSIBLE FOR ANY TREE EVALUATION REQUIRED BY THE CITY.
- 5. A CERTIFIED ARBORIST IS TO PROVIDE THE FINAL TREE DISPOSITION PLAN AT TIME OF TREE PERMITTING, THE VALUATION OF TREES SHALL BE APPRAISED USING THE COUNCIL OF TREE AND LANDSCAPE APPRAISERS GUIDE FOR PLANT APPRAISAL, LATEST EDITION.TREE BARRICADES FOR TREES TO BE PRESERVED DURING CONSTRUCTION SHALL BE LOCATED AT THE DRIP LINE, UNLESS OTHERWISE APPROVED BY THE ENVIRONMENTAL REVIEW STAFF, PRIOR TO COMMENCEMENT OF CONSTRUCTION.



TYPICAL TREE PROTECTION DETAIL NOT TO SCALE

ACTION

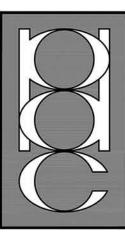
TO BE REMOVED TO BE REMOVED

TO BE REMOVED

ACTION	CRZ DIA. (FEET)
TO BE PROTECTED	27'
TO BE PROTECTED	19'
TO BE PROTECTED	12'
TO BE PROTECTED	12'
TO BE PROTECTED	16'
TO BE PROTECTED	12'

EXISTING TREES: (OFF-SITE)

NO.	TREE SPECIES	DBH	CANOPY	ACTION	CRZ DIA (FEET)
301	OAK SPP.	14"	27'	TO BE PROTECTED	21'
302	OAK SPP.	17"	36'	TO BE PROTECTED	NA
303	PALM SPP.	18"	18'	TO BE PROTECTED	NA
304	PALM SPP.	18"	18'	TO BE PROTECTED	NA
305	OAK SPP.	17"	36'	TO BE PROTECTED	NA
306	PALM SPP.	15"	18'	TO BE PROTECTED	NA
307	PALM SPP.	15"	18'	TO BE PROTECTED	NA
308	PALM SPP.	14"	18'	TO BE PROTECTED	NA
309	PALM SPP.	15"	18'	TO BE PROTECTED	NA
310	PALM SPP.	15"	18'	TO BE PROTECTED	NA



PATRICK D. CUNNINGHAM, LLC

land planning

landscape architecture

519 Sapphire Drive

Sarasota, FL 34234

O: 941.351.8915



201 South Tryon Street P: 704.981.8951 Lic. #: AA - 0003590 Charlotte, NC 28202 www.bdgllp.com

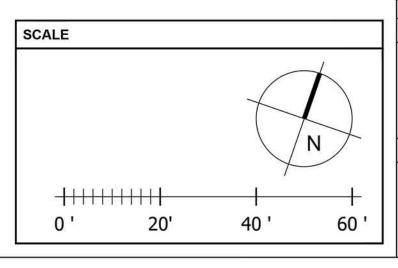
- DRIP LINES CAN BE ESTIMATED BASED ON I-FOOT OF RADIUS (OUT FROM TEH TRUNK IN ALL DIRECTIONS) FOR EVERY I-INCH DBH (DIAMETER AT BREAST HEIGHT).
- 7. THE AREA WITHIN THE DRIP LINE SHALL REMAIN UNDISTURBED,
- THE FOLLOWING ACTIVITIES ARE PROHIBITED WITHIN TEH DRIP LINE OF PRESERVED TREES:
- A. IMPROVEMENTS, FILL, MACHINERY AND VEHICLE TRAVEL OR PARKING
- B. UNDERGROUND UTILITIES C. GRADE CHANGES, COMPACTION OF SOIL, OR EXCAVATION
- D. STORAGE OR CONSTRUCTION MATERIALS.
- THE TREE PROTECTION BARRICADES SHALL CONSIST OF CHAINLINK FENCE OR ORANGE SAFETY FENCE PER THE DETAIL UNLESS OTHERWISE APPROVED BY THE BUILDING AND DEVELOPMENT SERVICES.

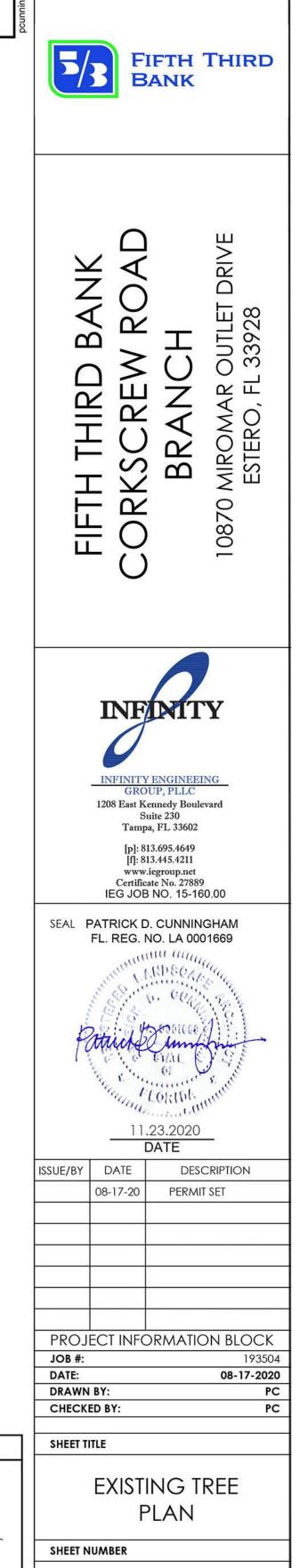
ALL EXISTING TREES TO BE PROTECTED DURING ANY LAND CLEARING AND/OR CONSTRUCTION AS FOLLOWS ¹
(A) PRIOR TO ANY LAND CLEARING
OPERATIONS, TEMPORARY BARRIERS
SHALL BE INSTALLED AROUND ALL TR
TO REMAIN WITHIN THE LIMITS OF LA
CLEARING OR CONSTRUCTION AND S REMAIN UNTIL THE COMPLETION OF T WORK.
TREE PROTECTION SHALL COMPLY W

- CLEARING OR CONSTRUCTION AND SHALL REMAIN UNTIL THE COMPLETION OF THE WORK. TREE PROTECTION SHALL COMPLY WITH THE JURISDICTION'S REGULATIONS,
- (B) NO MATERIALS, TRAILERS, EQUIPMENT OR CHEMICALS SHALL BE STORED, OPERATED DUMPED, BURIED OR BURNED WITHIN THE PROTECTED AREAS.

SHALL BE INSTALLED AROUND ALL TREES TO REMAIN WITHIN THE LIMITS OF LAND

- NO ATTACHMENT, WIRES (OTHER THAN PROTECTIVE GUY WIRES), SIGNS OR PERMITS SHALL BE ATTACHED TO A PROTECTED TREE.
- (C) PROTECTED TREES SHALL BE PRUNED TO RESTORE THIS NATURAL SHAPE AND FERTILIZED AS NECESSARY TO COMPENSATE FOR ANY LOSS OF ROOTS AND TO STIMULATE ROOT GROWTH, ANY DAMAGE TO TREE CROWNS OR ROOT SYSTEMS SHALL BE REPAIRED IMMEDIATELY AFTER DAMAGE OCCURS.
- UTILITIES ARE TO BE TUNNELED (NOT TRENCHED) WITHIN UNDISTURBED AREAS





LP02.01

