

MULTI-TRUNK TREE STAKING
SCALE: NOT TO SCALE

SHRUB PLANTING
SCALE: NOT TO SCALE

Approved Construction Plan

Name _____ Date _____

Planning _____

Traffic _____

File _____

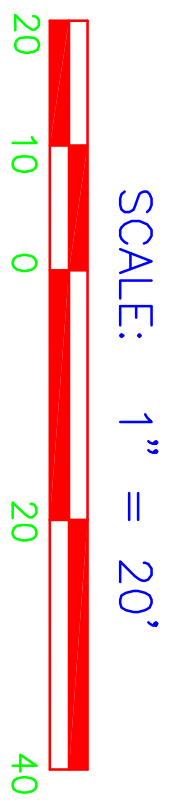
WILMINGTON
NORTH CAROLINA

Public Services • Engineering Division

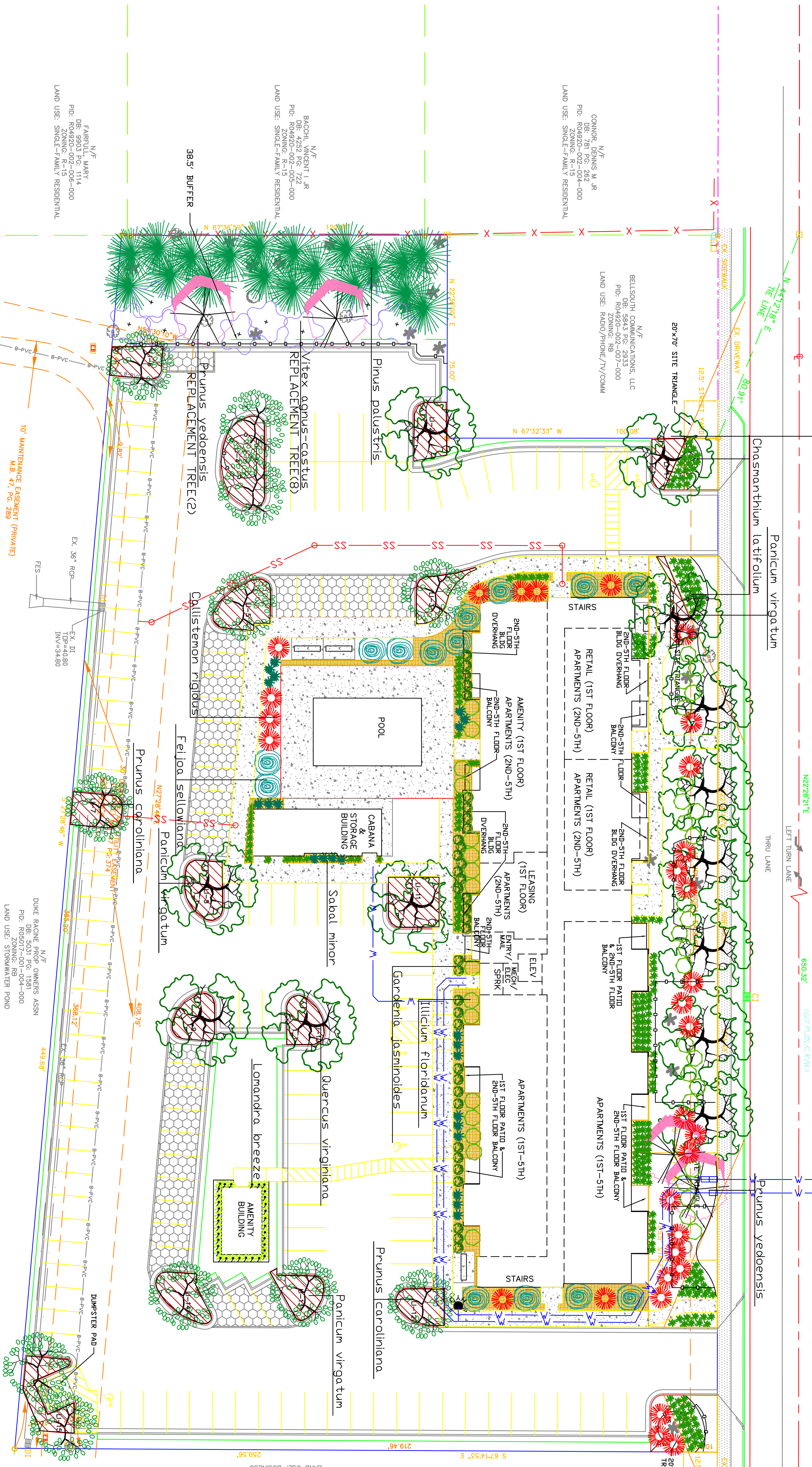
APPROVED STORMWATER MANAGEMENT PLAN

Date: _____ Permit # _____

Signed: _____



ALL PROPOSED PLANTINGS WITHIN THE SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT FROM 30' - 10' IN ACCORDANCE WITH SECTION 18-556 OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.



Plant Table

Quantity	Symbol	Scientific Name	Common Name	Planting Size
11		Prunus caroliniana	Carolina Cherry	10 TO 12'
4		Prunus yedoensis	Yoshino Cherry	10 TO 12'
8		Vitex agnus-castus	Chaste tree	8'

Broadleaf Evergreen

Quantity	Symbol	Scientific Name	Common Name	Planting Size
14		Feljoo sellowiana	Pineapple guava	3-gal
36		Gardenia jasminoides	August beauty	3-gal
37		Tiliolum floridanum	Florida anise shrub	3-gal
13		Quercus virginiana	Southern live oak	2'-Gal

Conifer Evergreen

Quantity	Symbol	Scientific Name	Common Name	Planting Size
18		Pinus palustris	Longleaf pine	seedling plugs

Grass

Quantity	Symbol	Scientific Name	Common Name	Planting Size
35		Lomandra breeze	Breeze grass	1-gal
245		Chasmanthium latifolium	River oat	liner - plugs
850		Panicum virgatum	Red switchgrass	liner - plugs

Palm

Quantity	Symbol	Scientific Name	Common Name	Planting Size
23		Sabal minor	Dwarf palmetto	3-gal

Shrub

Quantity	Symbol	Scientific Name	Common Name	Planting Size
30		Callistemon rigidus	Red bottlebrush	3-gal

LANDSCAPE NOTES:

1. CONTRACTOR RESPONSIBLE FOR IDENTIFYING ALL UNDERGROUND UTILITIES PRIOR TO LANDSCAPE INSTALLATION.
2. TREES SHALL BE LOCATED A MINIMUM OF 5' FROM SEWER/WATER LINES.
3. STAKE ALL TREES AS SHOWN IN DETAIL OR AS OTHERWISE DIRECTED BY OWNER.
4. ALL SHRUB BEDS SHALL BE MULCHED WITH A MINIMUM DEPTH OF 3" OF PINESTRAW.
5. PLANTING SOIL MIX OF 1 PART BLACK HEN AND 1 PART BEATMOSS ADDED TO EACH HOLE. ADD 1 TEASPOON OF SLOW RELEASE FERTILIZER TO EACH PLANTING HOLE.
6. MANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT. CONTRACTOR.
7. IRRIGATION SHALL BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATION CONTRACTOR.
8. STREET TREES WILL BE PLANTED AS CLOSE TO CITY REGULATIONS AS POSSIBLE HOWEVER SITE CONDITIONS SUCH AS DRIVEWAY LOCATIONS, SIGNS, ETC. MAY REQUIRE ADJUSTMENT FROM PROPOSED PLAN.
9. ALL PROPOSED PLANTINGS WITHIN THE SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT FROM 30' - 10' IN ACCORDANCE WITH SECTION 18-556 OF THE CITY OF WILMINGTON LAND DEVELOPMENT CODE.
10. ALL TREE LOCATIONS SHALL BE ADJUSTED WITH ANY LIGHT LOCATIONS.
11. ALL PLANT MATERIAL SHALL CONFORM TO OR EXCEED THE STANDARDS OF THE CURRENT VERSION OF THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.

STREET YARD-GOVERNMENT CENTER DRIVE

STREET FRONTAGE = 374.43 - 24 - 24 = 326.43 FT
 REQUIRED STREET YARD = 25 * 326.43 = 8160.75 SF
 PROVIDED STREET YARD = 837.62 + 7.792.49 + 262.50 = 8292.61 SF
 PROVIDED SURPLUS = 100.00 SF

PREVIOUS AREA = 1000.00 SF

REQUIRED PLANTING = 8292.61 / 100% = 1210Y
 PROVIDED PLANTING = 8292.61 / 800 = 1382' 14" UNDERSTORY TREES PER 1 CANOPY TREE
 PROVIDED = 135 SHRUBS

TREE MITIGATION

TOTAL PINE TREE DBH = 115' * 0.5 * 0.5 * 115 = 19 PLUGS
 PROVIDED = 19 PINE PLUGS (LONG LEAF PINE)

TOTAL 100% MITIGATION TREE DBH = 23'
 REQUIRED # OF REPLACEMENT TREES (100% MITIGATION) = 1 / 3 * 10 * 23 = 8 TREES
 REQUIRED # OF REPLACEMENT TREES (75% MITIGATION) = 1 / 3 * 3 * 0.75 * 8 = 2 TREES
 PROVIDED = 10 REPLACEMENT TREES - (2) PRUNUS YEDDENISIS @10-12'

INTERIOR SHADING

PARKING FACILITY AREA (PARKING LOT AREA INCLUDING DRIVEWAY WITHIN GOVERNMENT CENTER DRIVED TO BACK OF CURB FOR BACK OF SIDEWALK ADJACENT TO PARKING SPACES) MINUS LANDSCAPE ISLANDS) = 52,719 SF
 REQUIRED INTERIOR SHADING (15%) = 0.15 * 52,719 = 7,908 SF
 PROVIDED INTERIOR SHADING & TREES = 12,372 SF

1 EXISTING PINE = 10' x 4' = 40 SF
 6 LIVE DAKS @ 7'0" x 4' = 280 SF
 6 CAROLINA LAURELS @ 7'0" x 4' = 280 SF
 3 CAROLINA LAURELS @ 5'3" x 4' = 210 SF

FOUNDATION PLANTING-SOUTH SIDE OF CABANA & STORAGE BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
 PROVIDED FOUNDATION PLANTING AREA = 18 SF

FOUNDATION PLANTING-NORTH SIDE OF CABANA & STORAGE BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
 PROVIDED FOUNDATION PLANTING AREA = 18 SF

FOUNDATION PLANTING-EAST SIDE OF AMENITY BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
 PROVIDED FOUNDATION PLANTING AREA = 18 SF

FOUNDATION PLANTING-WEST SIDE OF AMENITY BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
 PROVIDED FOUNDATION PLANTING AREA = 18 SF

FOUNDATION PLANTING-SOUTH SIDE OF BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
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FOUNDATION PLANTING-WEST SIDE OF BUILDING

REQUIRED FOUNDATION PLANTING AREA = 10' x 15' x 0.12 = 18 SF
 PROVIDED FOUNDATION PLANTING AREA = 18 SF

LANDSCAPE PLAN
 347 GOVERNMENT CENTER DRIVE
 WILMINGTON, NORTH CAROLINA



TRIBUTE PROPERTIES -OWNER
 10 SOUTH CARDINAL DRIVE
 WILMINGTON, NORTH CAROLINA 28403

DONNA CLEMMONS-LANDSCAPE ARCH. ASLA
 WRIGHTSVILLE BEACH, N.C.
 910.550.8788

GOVERNMENT CENTER
 APARTMENTS