

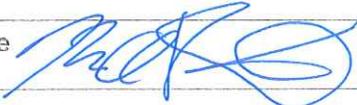
Administrative Alternates



**DEVELOPMENT
SERVICES
DEPARTMENT**

Development Services Customer Service Center | 1 Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2495 | eFax 919-996-1831

Administrative Alternate Request: <i>Requested in accordance with UDO Section 10.2.17</i>	OFFICE USE ONLY
Section(s) of UDO affected: Transitional Protective Yard Type A2 with a 6.5' high fence requirement Provide an explanation of the alternate requested, along with an applicant's statement of the findings In lieu of the fence, plant 40 shrubs for each 100' of lot line, in double rows, offset. All existing trees within the 20' TPY to remain. Provide all associated case plan numbers including zoning and site plan: Section 7.2.4.A.1, Transitional protective yard along perimeter lot lines	Transaction Number

Property Address 1100 Newton Road, Raleigh, NC 27615		Date 9/29/2016
Property PIN 1707958102	Current Zoning R4	
Nearest Intersection Falls of Neuse Road	Property size (in acres) 3.42 Acres	
Property Owner Gethsemane Lutheran Church Ryan A. Diggs, President	Phone (919) 847-0579, (919) 426-4279	Mail 1100 Newton Rd, Raleigh 27615
	Email gardenpastor@gmail.com, president.gelc@gmail.com	
Project Contact Person Victor Buzard	Phone (919) 847-1875	Mail 6201 Lookout Loop, Raleigh NC 27612
	Email vlbuzard@att.net	
Property Owner Signature 	Email president.gelc@gmail.com	
Notary Sworn and subscribed before me this <u>28</u> day of <u>September</u> , 201 <u>6</u>	Notary Signature and Seal 	

Rhododendron 'Christina'

[◀ Prev](#)

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Azalea



✂ HEIGHT: 6.0 ft

WIDTH: 6.0 ft

FALL COLOR: bronze

FLOWER: rose red flowers

FOLIAGE: Evergreen

GROWTH RATE: average

HARDINESS: 6b-9

MOISTURE: average

SOIL: well drained soils

SEED: dehiscent capsule

SUN: part sun/shade

SPECIES DESCRIPTION:

Evergreen shrub with 5 petaled spring blooms which often cover the plant. The numerous cultivars offer a variety of sizes, leaf shape, flower color, and hardiness to fit most landscapes.

GENERAL NOTES:

- SEE SOIL EROSION CONTROL PLAN ON SHEET 2 & PLANTING LIST BELOW.
- SEE GRADING PLAN ON SHEET 2 FOR REMOVAL EXISTING TREES & VEGETATION.

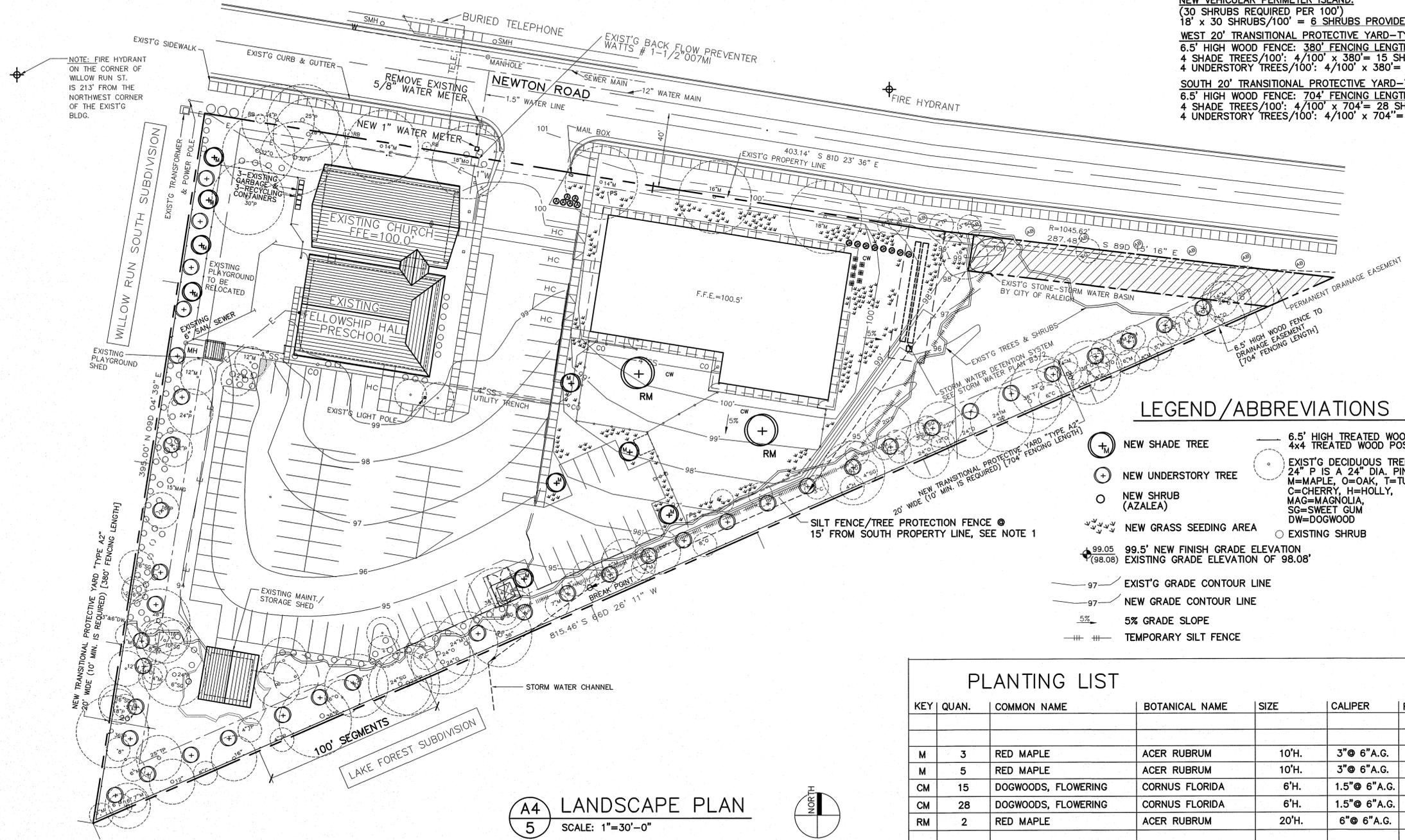
LANDSCAPE REQUIREMENTS:

NEW VEHICULAR SURFACE AREA: 4,843 SQ.FT.
 (1 TREE/2,000 SF)
 4,843 SF/2,000 SF = 2.4 TREES, 3 SHADE TREES PROVIDED

NEW VEHICULAR PERIMETER ISLAND:
 (30 SHRUBS REQUIRED PER 100')
 18' x 30' SHRUBS/100' = 6 SHRUBS PROVIDED

WEST 20' TRANSITIONAL PROTECTIVE YARD-TYPE A2:
 6.5' HIGH WOOD FENCE: 380' FENCING LENGTH
 4 SHADE TREES/100': 4/100' x 380' = 15 SHADE TREES (5 REQUIRED+10 EXISTING)
 4 UNDERSTORY TREES/100': 4/100' x 380' = 15 UNDERSTORY TREES REQUIRED

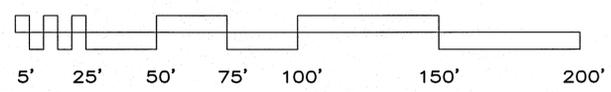
SOUTH 20' TRANSITIONAL PROTECTIVE YARD-TYPE A2:
 6.5' HIGH WOOD FENCE: 704' FENCING LENGTH
 4 SHADE TREES/100': 4/100' x 704' = 28 SHADE TREES (5 REQUIRED+10 EXISTING)
 4 UNDERSTORY TREES/100': 4/100' x 704' = 28 UNDERSTORY TREES REQUIRED



LEGEND/ABBREVIATIONS

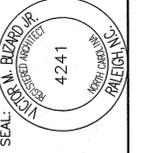
- (+M) NEW SHADE TREE
- (+) NEW UNDERSTORY TREE
- (O) NEW SHRUB (AZALEA)
- (G) NEW GRASS SEEDING AREA
- (99.05) 99.05' NEW FINISH GRADE ELEVATION
- (98.08) EXISTING GRADE ELEVATION OF 98.08'
- 97 EXIST'G GRADE CONTOUR LINE
- 97 NEW GRADE CONTOUR LINE
- 5% 5% GRADE SLOPE
- TEMPORARY SILT FENCE
- 6.5' HIGH TREATED WOOD FENCE W/ 4x4 TREATED WOOD POSTS 10' O.C.
- EXIST'G DECIDUOUS TREE 24" P IS A 24" DIA. PINE, M=MAPLE, O=OAK, T=TULIP, M=C=CHERRY, H=HOLLY, MAG=MAGNOLIA, SG=SWEET GUM, DW=DOGWOOD
- EXISTING SHRUB
- DEC. REQUIRED SPAC'G SQUARE FEET
- D DEPTH
- W WIDTH
- H HEIGHT
- A.G. ABOVE GRADE
- B&B BALL & BURLAP
- GAL. GALLON, SIZE CONTAINER

A4 LANDSCAPE PLAN
 SCALE: 1"=30'-0"



KEY	QUAN.	COMMON NAME	BOTANICAL NAME	SIZE	CALIPER	ROOT	REMARKS
M	3	RED MAPLE	ACER RUBRUM	10'H.	3" @ 6"A.G.	B&B	NEW SURFACE PARKING
M	5	RED MAPLE	ACER RUBRUM	10'H.	3" @ 6"A.G.	B&B	WEST TRANSITIONAL YARD
CM	15	DOGWOODS, FLOWERING	CORNUS FLORIDA	6'H.	1.5" @ 6"A.G.	B&B	WEST TRANSITIONAL YARD
CM	28	DOGWOODS, FLOWERING	CORNUS FLORIDA	6'H.	1.5" @ 6"A.G.	B&B	SOUTH TRANSITIONAL YARD
RM	2	RED MAPLE	ACER RUBRUM	20'H.	6" @ 6"A.G.	B&B	PLAYGROUND
GK	8	GARDENIA, KLEIM'S HARDY	JASMINOIDES	18"H.	-	1-3GAL.	AC COND. UNIT SCREENING
A	6	VARIAGATED ABELIA	MARDIS GRAS	18"H.	-	1-3GAL.	PARKING PERIMETER ISLAND
PS	130	BALE	PINE STRAW MULCH	-	2" THICK	-	ALL NEW AZALEA
CW	20	CYD.	CYPRUS WOOD CHIPS	-	3 CU.FT. BAGS	-	MIX 1 PART BARK / 1 PART SOIL @ TREES & SHRUBS
F	2	BAGS	TRANSPLANT FERTILIZER-SUPER PHOSPHATE	-	20# BAG	-	1/4 CUP / 3 GAL. PLANT
G	75#	GRASS SEED	TALL RED FESCUE	-	-	-	APPLY LIME, FERTILIZER & SEED, MULCH WITH STRAW
	160#	FERTILIZER, 10-10-10	-	-	-	-	
	200#	LIME	-	-	-	-	
	10	BALE	STRAW MULCH	-	-	-	

"SR-68-16" TRANSACTION #85580



Victor M. Buzard, Jr., Architect
 6201 LOOKOUT LOOP RALEIGH, NC (919) 847-1875



Precious Lambs Early Learning Center
Gethsemane Lutheran Church
 1100 NEWTON RD., RALEIGH, NORTH CAROLINA

PROJECT: 2016.1
 DATE: 8-26-16
 REV. 9-29-16
 SHEET NO. **5**
 OF 5

GENERAL NOTES:

1. SEE SOIL EROSION CONTROL PLAN ON SHEET 2 & PLANTING LIST BELOW.
2. SEE GRADING PLAN ON SHEET 2 FOR REMOVAL EXISTING TREES & VEGETATION.

LANDSCAPE REQUIREMENTS:

NEW VEHICULAR SURFACE AREA: 4,843 SQ.FT.

(1 TREE/2,000 SF)

4,843 SF/2,000 SF = 2.4 TREES, 3 SHADE TREES PROVIDED

NEW VEHICULAR PERIMETER ISLAND:

(30 SHRUBS REQUIRED PER 100')

18' x 30' SHRUBS/100' = 6 SHRUBS PROVIDED

WEST 20' TRANSITIONAL PROTECTIVE YARD—PROPOSED ALTERNATIVE DESIGN:

4 SHADE TREES/100': 4/100' x 380' = 15 SHADE TREES (5 REQUIRED+10 EXISTING)

RECOMMEND 5 UNDERSTORY TREES ADJACENT TO THE EXISTING PLAYGROUND.

SHRUBS: PROPOSE 40 SHRUBS/100' x 380' = 152 SHRUB TOTAL PROPOSED

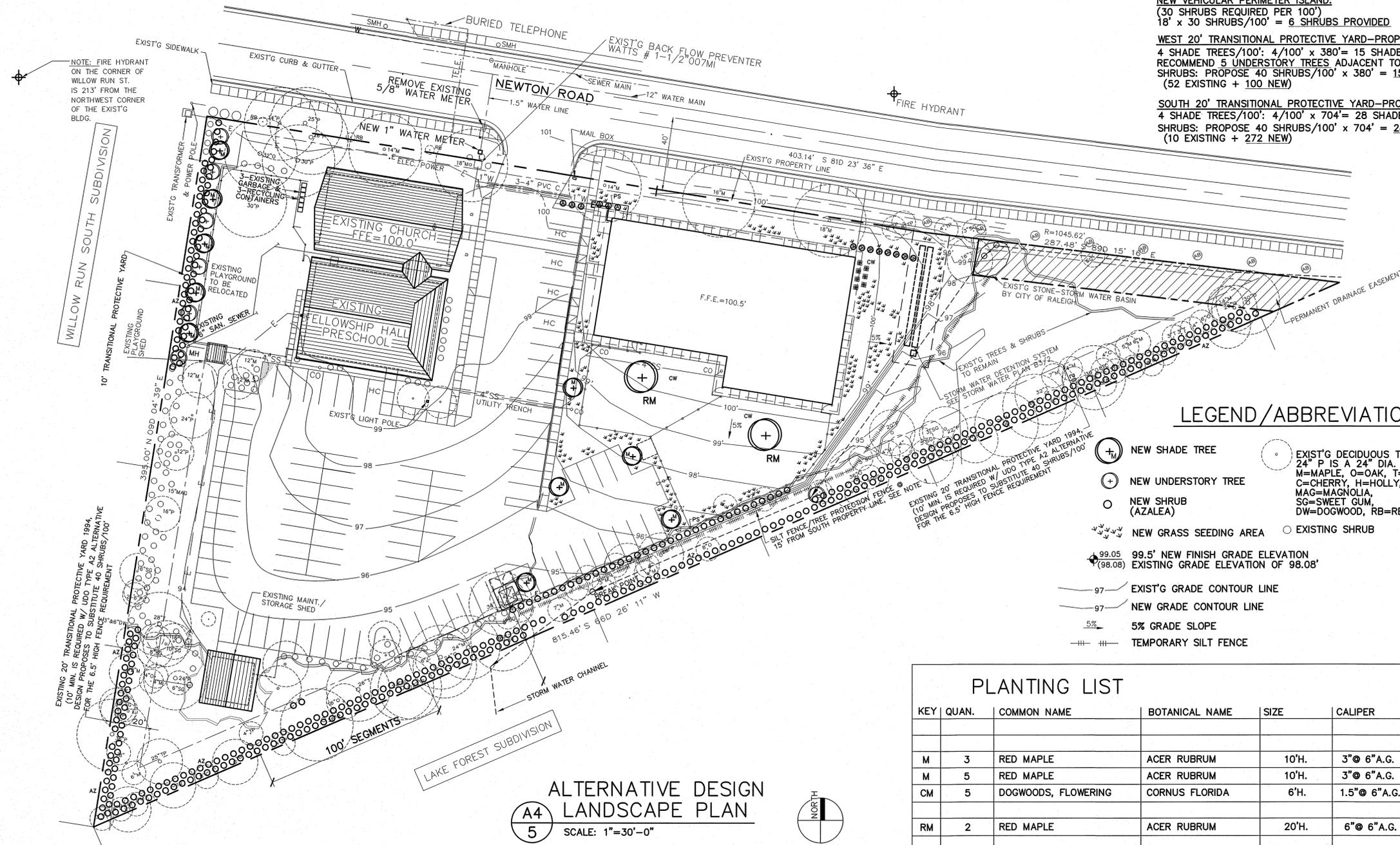
(52 EXISTING + 100 NEW)

SOUTH 20' TRANSITIONAL PROTECTIVE YARD—PROPOSED ALTERNATIVE DESIGN:

4 SHADE TREES/100': 4/100' x 704' = 28 SHADE TREES (0 REQUIRED+28 EXISTING)

SHRUBS: PROPOSE 40 SHRUBS/100' x 704' = 282 SHRUB TOTAL PROPOSED

(10 EXISTING + 272 NEW)



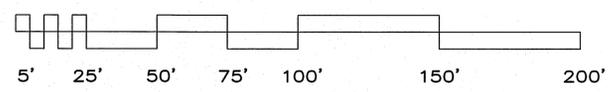
LEGEND/ABBREVIATIONS

- ⊕ NEW SHADE TREE
- ⊕ NEW UNDERSTORY TREE
- NEW SHRUB (AZALEA)
- ⊕ NEW GRASS SEEDING AREA
- 99.05 (98.08) 99.5' NEW FINISH GRADE ELEVATION EXISTING GRADE ELEVATION OF 98.08'
- 97 — EXIST'G GRADE CONTOUR LINE
- 97 — NEW GRADE CONTOUR LINE
- 5% 5% GRADE SLOPE
- — — — — TEMPORARY SILT FENCE
- EXIST'G DECIDUOUS TREE 24" P IS A 24" DIA. PINE, M=MAPLE, O=OAK, T=TULIP, C=CHERRY, H=HOLLY, MAG=MAGNOLIA, SG=SWEET GUM, DW=DOGWOOD, RB=RED BUD
- EXISTING SHRUB
- M RED MAPLE, SEE PLANT LIST FOR PLANT KEYS & COMMON NAMES
- DEC. DECIDUOUS TREE
- REQ'D REQUIRED SPAC'G SPACING
- SF SQUARE FEET
- D DEPTH
- W WIDTH
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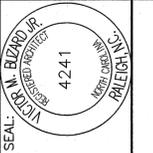
PLANTING LIST

KEY	QUAN.	COMMON NAME	BOTANICAL NAME	SIZE	CALIPER	ROOT	REMARKS
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M	5	RED MAPLE	ACER RUBRUM	10'H.	3" @ 6"A.G.	B&B	WEST TRANSITIONAL YARD
CM	5	DOGWOODS, FLOWERING	CORNUS FLORIDA	6'H.	1.5" @ 6"A.G.	B&B	WEST TRANSITIONAL YARD
RM	2	RED MAPLE	ACER RUBRUM	20'H.	6" @ 6"A.G.	B&B	NEW PLAYGROUND
GK	8	GARDENIA, KLEIM'S HARDY	JASMINOIDES	18"H.	—	1-3GAL.	AC COND. UNIT SCREENING
A	6	VARIAGATED ABELIA	MARDIS GRAS	18"H.	—	1-3GAL.	PARKING PERIMETER ISLAND
AZ	100	AZALEA	Rhododendron Christina	18"H.	—	1-3GAL.	WEST TRANSITIONAL YARD
AZ	238	AZALEA	Rhododendron Christina	18"H.	—	1-3GAL.	SOUTH TRANSITIONAL YARD
E	34	ENCORE AZALEA—Embers	Rhododendron Autumn	18"H.	—	1-3GAL.	SOUTH TRANSITIONAL YARD
PS	130	BALE PINE STRAW MULCH	—	2" THICK	—	—	⊕ ALL NEW AZALEA
CW	20	CYDYS. CYPRUS WOOD CHIPS	—	3 CU.FT. BAGS	—	—	MIX 1 PART BARK / 1 PART SOIL @ TREES & SHRUBS
F	2	BAGS TRANSPLANT FERTILIZER—SUPER PHOSPHATE	—	20#BAG	—	—	1/4 CUP / 3 GAL. PLANT
G	75#	GRASS SEED FERTILIZER, 10-10-10	TALL RED FESCUE	—	—	—	APPLY LIME, FERTILIZER & SEED, MULCH WITH STRAW
	160#	LIME	—	—	—	—	
	200#	—	—	—	—	—	
	10	BALE STRAW MULCH	—	—	—	—	

ALTERNATIVE DESIGN LANDSCAPE PLAN
A4
5
SCALE: 1"=30'-0"



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