

PROPERTY OWNER INFORMATION

Name: Promenade Apartments, LLC

Mailing Address: 639 Executive Place, Suite 400 Fayetteville, NC 28305

Phone Number: 910-481-0501

Fax: _____

Email Address: maggie@cavinessandcatespm.com

APPLICANT INFORMATION

Applicant: Withers & Ravenel, Inc.

Mailing Address: 115 MacKenan Dr. Cary, NC 27511

Phone Number: 919-469-3340

Fax: 919-467-6008

Contact Person: Loftee G. Smith, PE

Email Address: lsmith@withersravenel.com

REQUIRED INFORMATION (to be submitted with the application)

The following items must accompany a Major Site Plan application.

To be completed by the applicant:			To be completed by staff:		
	Yes	N/A	Yes	No	N/A
1. A pre-application conference was held with Town of Clayton staff. Date: _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
2. I have referenced the <i>Plan Requirements Checklist</i> and used this as a guide	<input checked="" type="checkbox"/>				
3. Site Plan Review Fee (\$500 + \$5/acre)	<input checked="" type="checkbox"/>				
4. Completed application (9 copies)	<input checked="" type="checkbox"/>				
5. Owner's Consent Form (9 copies)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
6. Plan sets meeting the requirements listed in the <i>Plan Requirements Checklist</i> (9 copies)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
7. Adjacent property owners list (9 copies)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
8. Wastewater allocation request OR verification of wastewater allocation (9 copies)	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
9. Signed and sealed traffic impact analysis (2 copies)	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
10. Neighborhood meeting notice letter (9 copies) <i>See sample letter and meeting requirements</i>	May be provided at time of submittal if meeting date is known – otherwise must be submitted by email or mail on date the letter is mailed out.				
11. Neighborhood meeting summary form (9 copies)	Must be submitted after neighborhood meeting is held and at least 10 days prior to Planning Board meeting.				

JULY 14, 2014

STALLINGS MILL

ADJACENT OWNER LIST

PIN	NAME	ADDRESS	CITY	STATE	ZIPCODE
165911-55-1332	CORPORATE DEVELOPERS LLC	155 BENNETT PLACE	CLAYTON	NC	27527
165911-55-2509	TREE HOUSE PROPERTIES	PO BOX 4206	GREENSBORO	NC	27404
165910-46-1070	ELPHICK PROPERTIES LLC	1000 CCC DRIVE	CLAYTON	NC	27520
165914-34-8762	SHOTWELL 70 PARTNERS LLC CONWAY CENTRE LLC	1600 S BRENTWOOD BLVD STE 770	SAINT LOUIS	MO	63144
165911-55-2009	MARVEL, MICHAEL L PLAXA DEVELOPMENT COMPANY	2127 WILLOW HILL LN	CLAYTON	NC	27520
165910-35-5553	BARBER, ROBERT W & ELIZABETH	12182 W 70 BUS HWY	CLAYTON	NC	27520
165910-35-3771	HOUSE, J MICHAEL	12180 US 70 BUSINESS HWY W	CLAYTON	NC	27520
165914-44-6778	UNITED ENERGY, INC ATTN: ROSE BEASELY	PO BOX 469	CLINTON	NC	28329
165914-34-2724	CASH, JAMES W	P O BOX 417	CLAYTON	NC	27520
165910-45-3301	PROMENADE APARTMENTS LLC	630 EXECUTIVE PL STE 400	FAYETTEVILLE	NC	28305
165914-44-1546	HEALTH PROPERTIES INVESTMENTS INC	6207 COTTAGE HILL RD	MOBILE	AL	36609
165914-34-3471	BEDDINGFIELD, C H JR & SARAH H	P O BOX 97	CLAYTON	NC	27528
165914-44-0613	SHOTWELL 70 PARTNERS LLC CONWAY CENTRE LLC	1600 S BRENTWOOD BLVD STE 770	SAINT LOUIS	MO	63144
165914-44-5385	M CLAYTON REALTY ASSOCIATES LLC	636 OLD YORK ROAD 2ND FLOOR	JENKINTOWN	PA	19046
165911-56-7592	LEE BROTHERS RENTAL	400 W MAIN STREET	CLAYTON	NC	27520
165914-44-3407	SHOTWELL 70 PARTNERS LLC CONWAY CENTRE LLC	1600 S BRENTWOOD BLVD STE 770	SAINT LOUIS	MO	63144
165910-45-8042	TRI ARC FOOD SYSTEMS INC 23	4905 WATERS EDGE DR	RALEIGH	NC	27606
165914-34-8440	SHOTWELL 70 PARTNERS LLC CONWAY CENTRE LLC	1600 S BRENTWOOD BLVD STE 770	SAINT LOUIS	MO	63144



Town of Clayton
Planning Department
 111 E. Second Street, Clayton, NC 27520
 P.O. Box 879, Clayton, NC 27528
 Phone: 919-553-5002
 Fax: 919-553-1720

OWNER'S CONSENT FORM

Consent is required from the property owner(s) if an agent will act on their behalf. A separate form is required from each owner. Consent is valid for one year from date of notary, unless otherwise specified. All fields must be completed.

Project Name: Stallings Mill Address or PIN #: 165910-45-3301

AGENT/APPLICANT INFORMATION:

Loftee G. Smith, PE
 (Name - type, print clearly)

115 MacKenan Dr.
 (Address)
Cary, NC 27511
 (City, State, Zip)

I hereby give CONSENT to the above referenced agent/applicant to act on my behalf, to submit applications and all required materials and documents, and to attend and represent me at all meetings and public hearings pertaining to the following processes (list applicable requests):

New Major Site Plan

Furthermore, I hereby give consent to the party designated above to agree to all terms and conditions which may arise as part of the approval of this application.

I hereby certify that I have authority to execute this consent form as/on behalf of the property owner. I understand that any false, inaccurate or incomplete information provided by me or my agent will result in the denial, revocation or administrative withdrawal of this application, request, approval or permits. I further agree to all terms and conditions which may be imposed as part of the approval of this application.

OWNER AUTHORIZATION:

Maggie Lockwood
 (Name - type, print clearly)

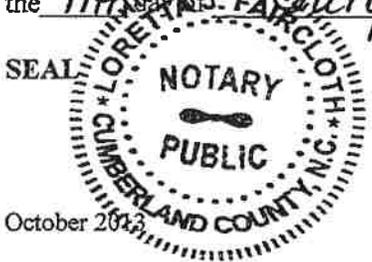
639 Executive Place, Suite 400
 (Address)

Margaret Lockwood
 (Owner's Signature)

Fayetteville, NC 28305
 (City, State, Zip)

STATE OF North Carolina
 COUNTY OF Cumberland

Sworn and subscribed before me Loretta J. Faircloth, a Notary Public for the above State and County, this the 11th day of July, 2014.



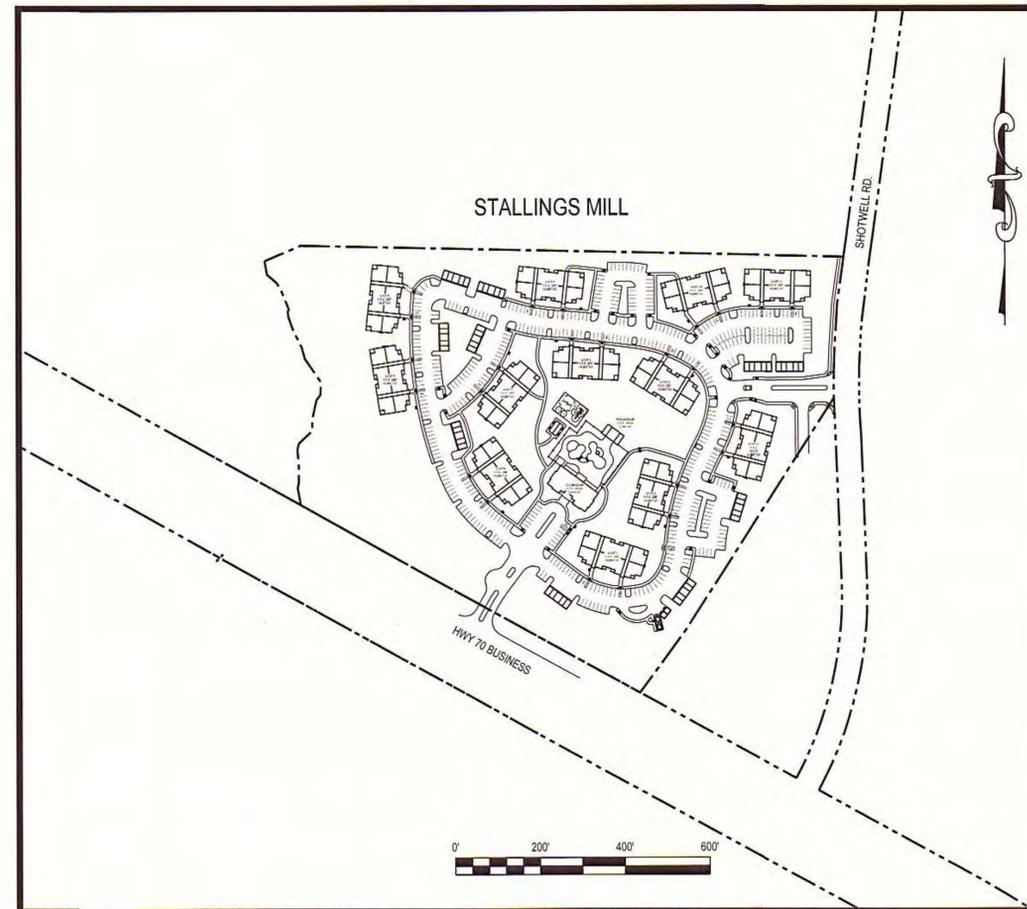
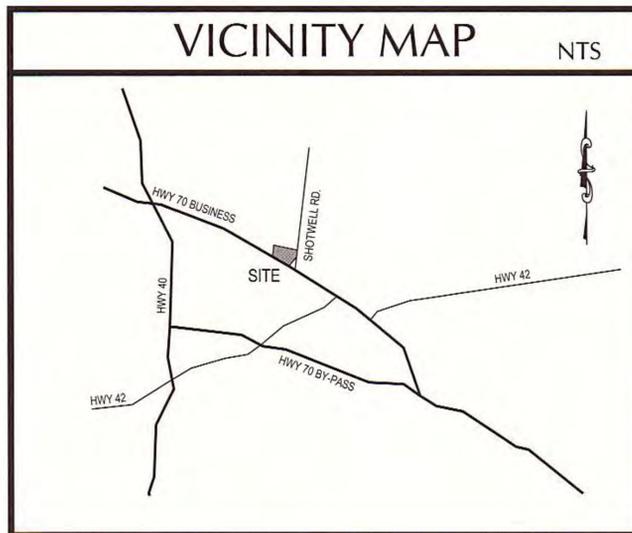
Loretta J. Faircloth
 Notary Public

My Commission Expires: June 8, 2018

SITE PLANS FOR STALLINGS MILL

U.S. HIGHWAY 70
CLAYTON, NORTH CAROLINA
JULY 08, 2014

SITE PLAN DRAWINGS FOR: STALLINGS MILL
 DATE: JUNE 30, 2014
 REV. 1 TRC COMMENTS 1st REVIEW 08/29/2014
 REV. 2 TRC COMMENTS 2nd REVIEW 09/12/2014



INDEX OF SHEETS	
COVER SHEET	SHT C0.0
EXISTING CONDITIONS	SHT C0.1
SITE PLAN	SHT C1.0
GRADING AND STORM DRAINAGE PLAN	SHT C2.0
UTILITY PLAN	SHT C3.0
STORMWATER PLAN	SHT C4.0
DETAILS	SHT C5.0
POOL HOUSE FLOOR PLAN	SHT C6.0
APARTMENT ELEVATIONS	SHT C6.1
APARTMENT FLOOR PLANS	SHT C6.2
LANDSCAPE PLAN	SHT L1.0
LANDSCAPE DETAILS	SHT L1.1
LIGHTING PLAN	SHT L2.0
FIRE TRUCK MOVEMENT	SHT EX1.0

Town of Clayton
Planning Department
Date: 9/22/14
By: [Signature]
Plan Approval

SP 2014-88
Approved 9/22/14 by Planning Board.

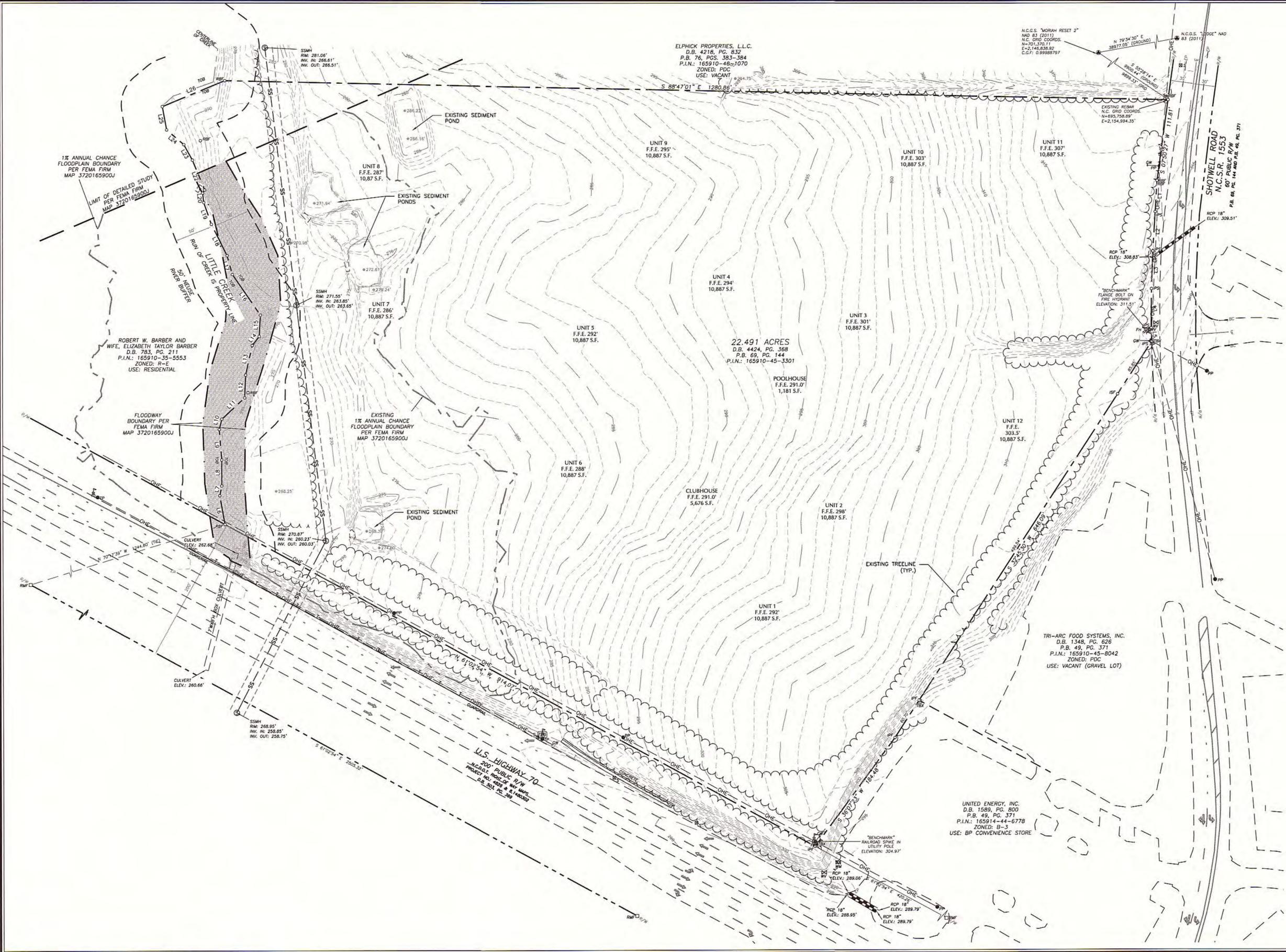
OWNER	ARCHITECT
PROMENADE APARTMENTS, LLC c/o CAVINESS & CATES, LLC 639 EXECUTIVE PLACE, SUITE 400 FAYETTEVILLE, NC 28305 OFFICE: (910) 481-0501 ATTN: MAGGIE LOCKWOOD	BRADLEY & BALL ARCHITECTS, PA 5921-H WEST FRIENDLY AVENUE GREENSBORO, NC 27410 (336) 294-5052

PREPARED BY:

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
111 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832



No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS



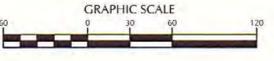
LINE	BEARING	DISTANCE
L1	S 03°21'41" W	43.21'
L2	S 03°31'01" W	54.22'
L3	S 02°07'02" W	51.71'
L4	S 00°34'41" W	53.41'
L5	S 01°57'49" E	18.56'
L6	N 12°03'08" W	40.20'
L7	N 11°42'50" E	13.55'
L8	N 00°04'57" E	35.57'
L9	N 04°31'51" W	41.87'
L10	N 13°37'32" E	14.74'
L11	N 46°51'58" E	42.60'
L12	N 02°17'35" E	31.24'
L13	N 12°29'56" E	41.80'
L14	N 37°35'27" E	15.55'
L15	N 03°14'40" E	29.16'
L16	N 34°22'16" W	67.16'
L17	N 15°28'24" W	26.75'
L18	N 26°20'02" W	47.94'
L19	N 18°54'27" W	31.72'
L20	N 07°09'29" W	13.13'
L21	N 34°06'36" E	5.22'
L22	N 22°08'33" W	44.30'
L23	N 28°50'46" W	24.15'
L24	N 49°05'15" W	30.82'
L25	N 10°19'25" W	32.47'
L26	N 67°08'13" E	92.09'

LEGEND

- FIRE HYDRANT
- TELEPHONE BOX
- FIBER OPTIC
- WATER VALVE
- SIGN
- ELECTRIC METER
- ELECTRIC PEDESTAL
- LIGHT POLE
- POWER POLE
- GUY WIRE
- CLEANOUT
- SANITARY SEWER MANHOLE
- CATCH BASIN
- JUNCTION BOX
- FLARED END SECTION
- WATER LINE
- SANITARY SEWER
- STORM SEWER
- EASEMENT
- OVERHEAD ELECTRIC

FLOOD INFORMATION
 THIS PARCEL OF LAND LIES WITHIN FLOOD HAZARD AREA A AS PER F.I.R.M. PANEL NUMBER: 3720165900J
 EFFECTIVE DATE: DECEMBER 2, 2005

- NOTES:**
1. SURVEY PERFORMED BY WITHERS & RAVENEL.
 2. NO WETLANDS, ROCK OUTCROPPINGS, CEMETERIES, ETC. EXIST ON THE SITE.
 3. CONTRACTOR TO VERIFY EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO WORK IN THOSE AREAS. REPORT ANY CONFLICTS TO THE ENGINEER.



No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer	TFW	Scale	1"=60'
Drawn By	JWC	Date	07/08/2014
Checked By	LGS	Job No.	02130305

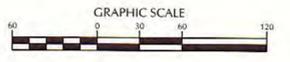
STALLINGS MILL
 Town of Clayton Johnston County North Carolina

EXISTING CONDITIONS

WITHERS & RAVENEL
 ENGINEERS | PLANNERS | SURVEYORS
 115 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 www.wITHERSRAVENEL.com License No. C0832

Sheet No. **C0.1**

M:\13\13-000\130305-Hwy 70 - Shotwell Road App\CAD\Construction Drawings\CD1 Existing Conditions.dwg - Friday, September 12, 2014 12:26:13 PM - WYAND, THOMAS



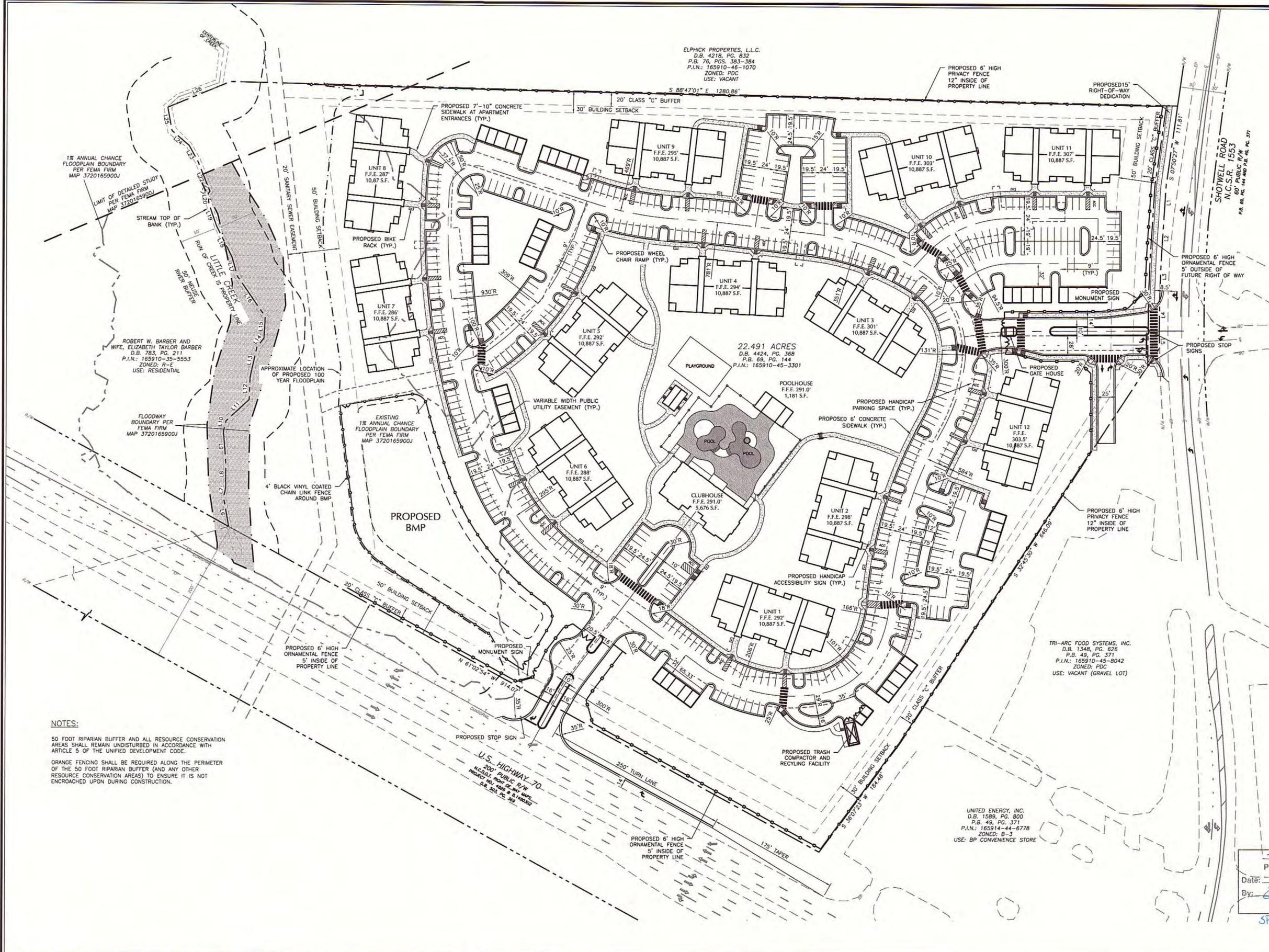
SITE DATA TABLE

STALLINGS MILL	
SITE PLANS	
ADDRESS : HIGHWAY 70	
PIN : 165910-45-3301	
PROPERTY LOCATION : TOWN LIMITS	
ZONING DISTRICT : PDR	
OVERLAY DISTRICT : THOROUGHFARE OVERLAY DISTRICT	
EXISTING USE : VACANT	
PROPOSED USE : APARTMENTS	
OWNER :	PROMENADE APARTMENTS, LLC c/o CAVINESS AND CATES, LLC 639 EXECUTIVE PLACE, SUITE 400 FAYETTEVILLE, NC 28305
PROPERTY SIZE :	22.49 ± ACRES
DEED BOOK AND PAGE :	3231, 695
PLAT BOOK & PAGE :	69, 144
DENSITY :	13 DU/ACRE MAX - 292 DU MAX 24 DU/BUILDING 288 DU PROPOSED
BUILDING COVERAGE :	3.52 AC (153,131 SF) - 15.63%
PERVIOUS COVERAGE :	12.85 AC (559,746 SF) - 57.14%
IMPERVIOUS COVERAGE :	9.64 AC (419,983 SF) - 42.87%
RESOURCE CONSERVATION AREA :	RIPARIAN BUFFER AREA : 36,159 SF 0.83 AC 100 YEAR FLOOD PLAIN : 71,762 SF 1.65 AC TOTAL : 107,921 SF 2.48 AC
BUILDING INFORMATION :	MAXIMUM HEIGHT : 48' MINIMUM DWELLING UNIT SIZE : 800 SF
PARKING :	REQUIRED SPACES : 576 SPACES (1 BDRM = 72 x 1, 2 & 3 BDRM = 216 x 2, VISITOR = 288/4) PROVIDED : 568 SPACES (468 SPACES + 50 GARAGE UNITS + 50 GARAGE APRONS) HANDICAP PARKING (INCLUDED IN PARKING ABOVE): 11 ACCESSIBLE SPACES REQUIRED 13 ACCESSIBLE SPACES PROVIDED ALL ARE VAN ACCESSIBLE

NOTE: FLOOD PLAIN DEVELOPMENT WILL TAKE PLACE IN CONFORMANCE WITH TOWN REQUIREMENTS.

Town of Clayton
Planning Department
Date: 9/22/14
By: *[Signature]*
Plan Approval

SP 2014-88



NOTES:
50 FOOT RIPARIAN BUFFER AND ALL RESOURCE CONSERVATION AREAS SHALL REMAIN UNDISTURBED IN ACCORDANCE WITH ARTICLE 5 OF THE UNIFIED DEVELOPMENT CODE.
ORANGE FENCING SHALL BE REQUIRED ALONG THE PERIMETER OF THE 50 FOOT RIPARIAN BUFFER (AND ANY OTHER RESOURCE CONSERVATION AREAS) TO ENSURE IT IS NOT ENCROACHED UPON DURING CONSTRUCTION.

No.	Revision	Date	By	Designer	Scale
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS	TFW	1"=60'
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS	JWC	07/09/2014
				Checked By	Job No.
				LGS	02130305

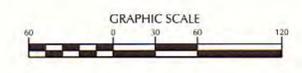
STALLINGS MILL
Town of Clayton Johnston County North Carolina

SITE PLAN

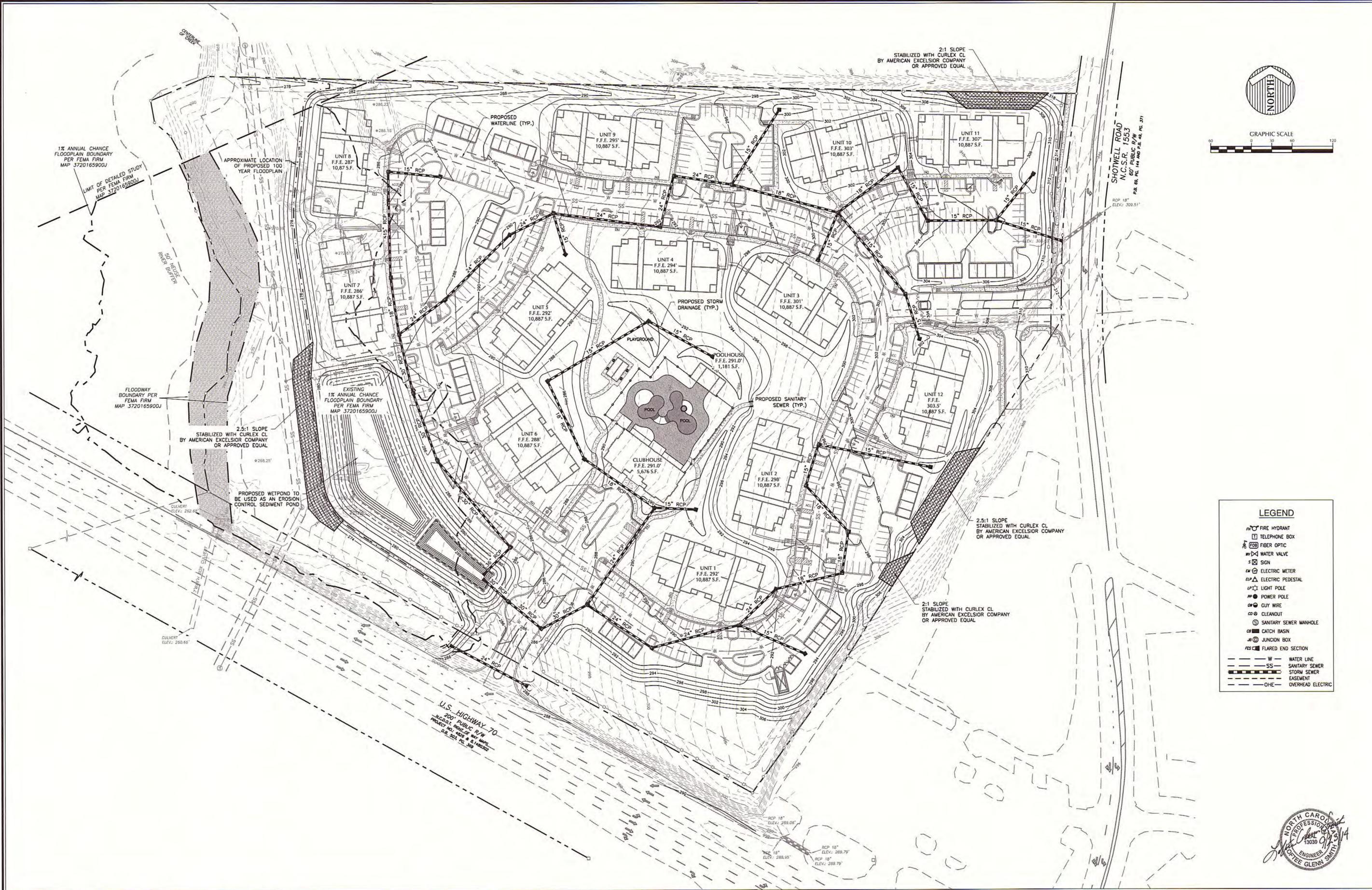
WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
115 MackKnair Drive Cary, North Carolina 27511 Tel: 919-469-3340 www.wITHERSRAVENEL.COM License No. C-0832

Sheet No. **C1.0**

K:\1\13-03005-Hwy_70 - Shotwell Road Aish\03005-Construction Drawings\01.0 Site Plan.dwg - Friday, September 12, 2014, 12:28:46 PM - W:\MDO\T\DOAS



SHOTWELL ROAD
N.C.S.R. 1553
60' PUBLIC R/W
P.B. 68, P.C. 144 AND P.B. 49, P.C. 371



LEGEND

- ⊕ FIRE HYDRANT
- ☐ TELEPHONE BOX
- ⊕ FIBER OPTIC
- ⊕ WATER VALVE
- ⊕ SIGN
- ⊕ ELECTRIC METER
- ⊕ ELECTRIC PEDESTAL
- ⊕ LIGHT POLE
- ⊕ POWER POLE
- ⊕ CUY WIRE
- ⊕ CLEANOUT
- ⊕ SANITARY SEWER MANHOLE
- ⊕ CATCH BASIN
- ⊕ JUNCTION BOX
- ⊕ FLARED END SECTION

— W — WATER LINE
 — SS — SANITARY SEWER
 — S — STORM SEWER
 - - - - - EASEMENT
 - - - - - OHE — OVERHEAD ELECTRIC

No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer	TFW	Scale	1"=60'
Drawn By	JWC	Date	07/08/2014
Checked By	LGS	Job No.	02130305

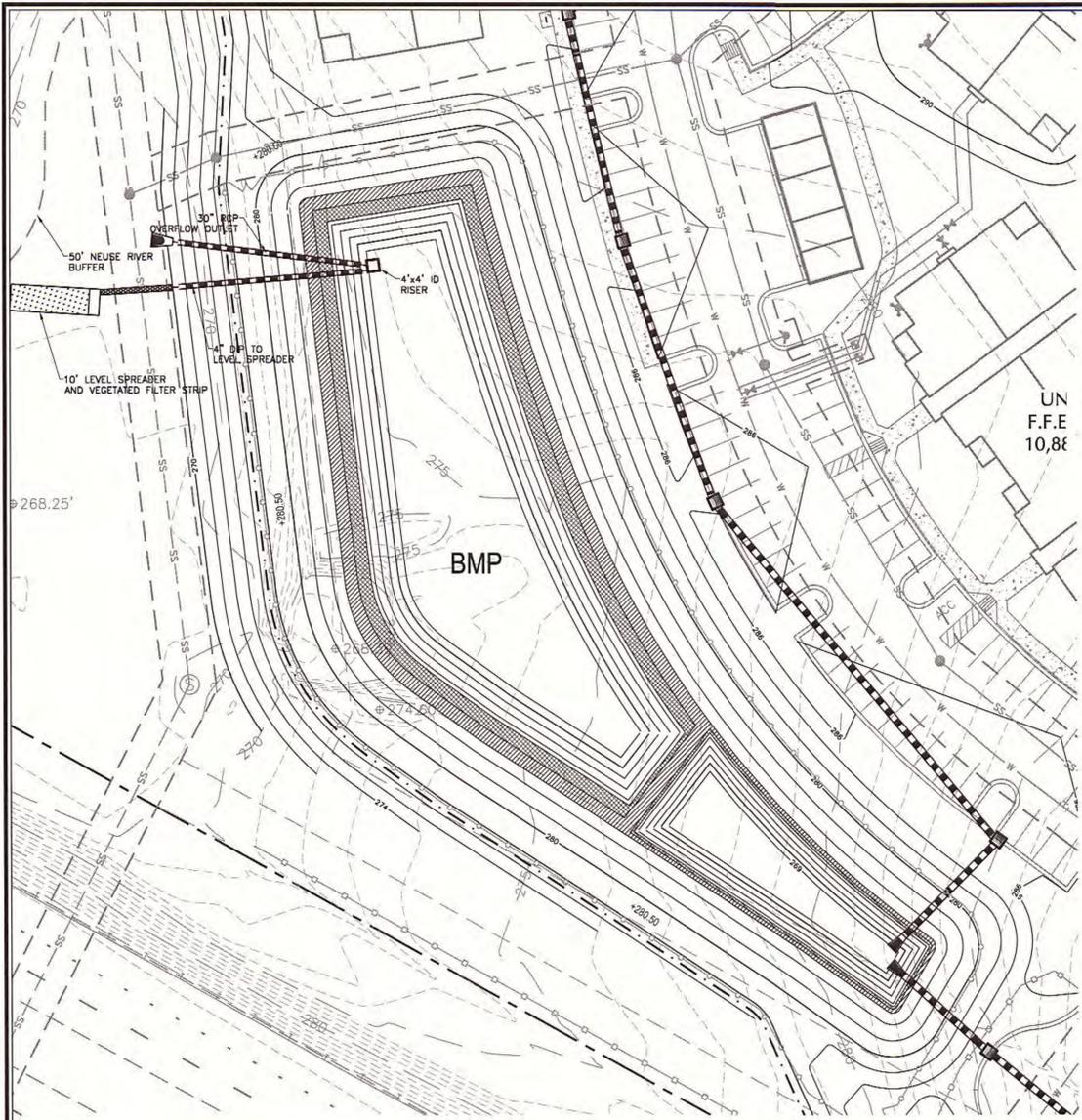
STALLINGS MILL
 Town of Clayton
 Johnston County
 North Carolina

GRADING AND DRAINAGE PLAN

WITHERS & RAVENEL
 ENGINEERS | PLANNERS | SURVEYORS
 115 Macken Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832

Sheet No. **C2.0**

K:\13\13-0200\130305-Hwy_70 - Shotwell Road Add\CAD\Construction Drawings\C2.0 Grading and Drainage Plan.dwg - Friday, September 12, 2014 1:26:23 PM - WANKO, THOMAS



BMP#1 DATA

	DIMENSIONS	ELEV.
PERMANENT POOL	21,815 SF	274.00
TOP OF DAM	10'	280.50
WATER QUALITY ORIFICE	3" DIA	274.00
RISER WEIR ELEVATION		277.5
ATTENUATION WEIR	1-4"(W)	276.05
RISER FOOTING	7' X 7' X 24" THK	
RISER BOX	4' X 4' INSIDE DIMENSIONS	
HIGH FLOW BYPASS OUTLET BARREL	75 LF 30" RCP @ 0.6%	
BARREL INV IN		270.00
BARREL INV OUT		269.50
WATER QUALITY OUTLET BARREL	80 LF 4" DIP @ 4.4%	
BARREL INV IN		273.50
BARREL INV OUT		269.50
POND BOTTOM		269.00

* CLAY LINER REQUIRED (SEE SPECIFICATIONS THIS SHEET)

VEGETATED FILTER STRIP PLANTING SPECIFICATIONS

THE VEGETATED FILTER STRIP SHALL BE CLEARED, AND COVERED WITH A MINIMUM OF 6" OF TOPSOIL. MIX 1-2 CUBIC YARDS OF PEAT MOSS OR COMPOST PER 1,000 SF INTO THE TOPSOIL. IN ADDITION, A ONE-TIME START-UP FERTILIZATION SHOULD BE ADDED, PER THE TABLE BELOW:

GRASS OTHER THAN CENTIPEDE:
 - 75 LBS OF GROUND LIMESTONE PER 1,000 SF
 - A STARTER TYPE FERTILIZER, HIGH IN PHOSPHORUS, BASED ON THE TYPE OF GRASS AND PLANTING METHOD.

CENTIPEDE:
 - 1/2 LB OF NITROGEN PER 1,000 SF

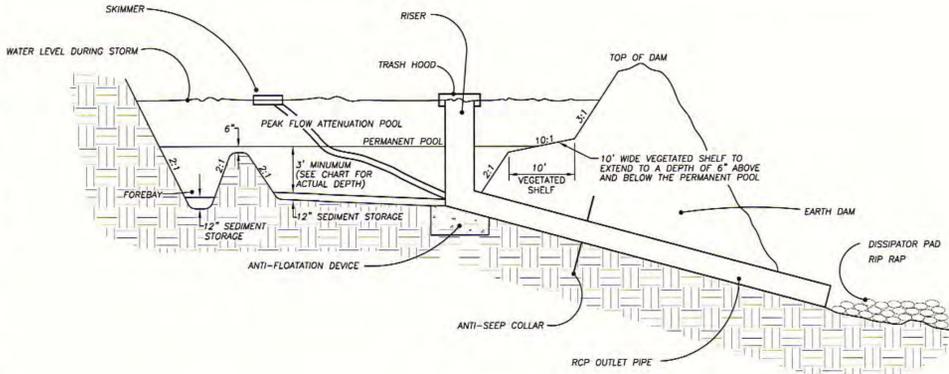
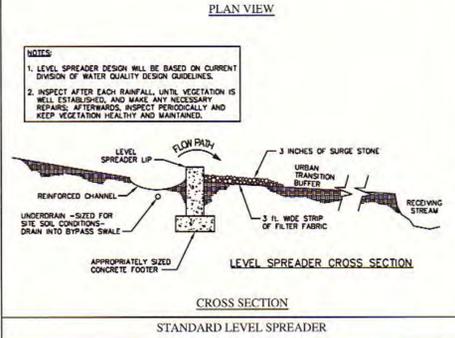
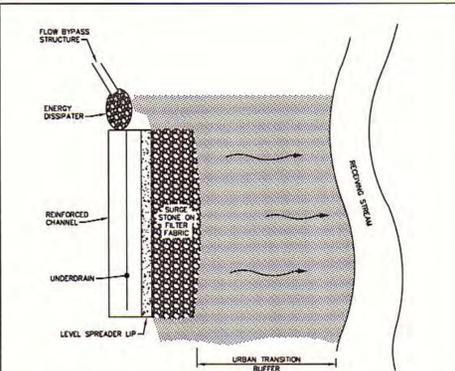
GRASS TYPE:
 - GRASS TYPE SHALL BE TALL FESCUE OR COMMON BERMUDA. GRASS SHALL BE SOD, GROWN IN NON-CLAYEY SOIL.
 - WATER SOD FREQUENTLY FOR THE FIRST THREE WEEKS AFTER INSTALLATION, SO THAT THE FIRST 1.5" OF SOIL IS KEPT MOIST.

CLAY LINER SPECIFICATIONS

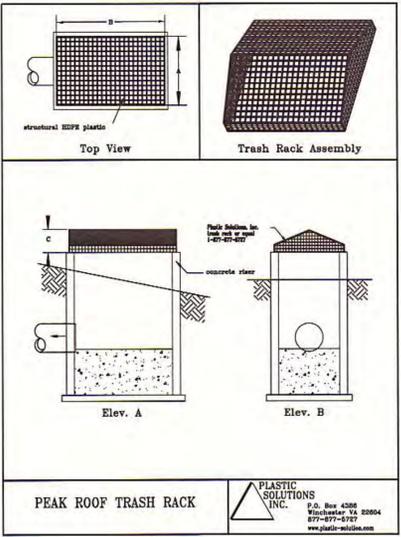
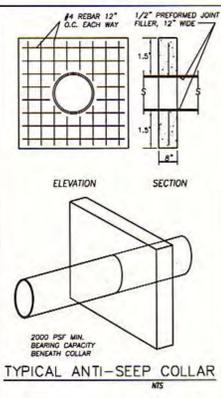
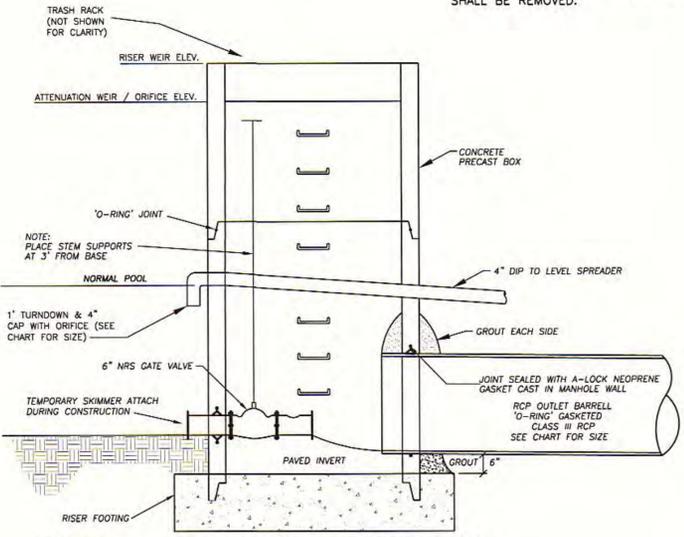
THE CLAY LINER FOR THE WET POND SHALL BE AT LEAST 8" THICK AND MEET THE FOLLOWING SPECIFICATIONS:

- UNIFIED SOIL CLASSIFICATION SYSTEM DESIGNATION OF CL, CH, ML, SC
- MINIMUM OF 40% PASSING #200 SIEVE
- MINIMUM PLASTICITY INDEX OF 12
- MAXIMUM INFILTRATION RATE OF 0.01 IN/HR.
- A MINIMUM OF 2 TESTS OF EACH ABOVE PARAMETER SHALL BE COMPLETED BY THE CONTRACTOR ON THE LINER MATERIAL AND PRESENTED TO THE ENGINEER FOR APPROVAL.
- COMPACTION TO A MINIMUM OF 93% PER ASTM D698, AND WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT (1% COMPACTION DENSITY TEST PER 2500 SQ. FT.)

THE CLAY LINER SHALL BE PLACED UNDER THE BOTTOM OF THE BMP PERMANENT POOL TO A THICKNESS OF 8 INCHES. A MINIMUM OF 4 INCHES OF TOPSOIL SHALL BE THE FINISHED GRADE AS SHOWN ON THE DRAWINGS AND/OR DETAILS. CARE SHALL BE TAKEN WHEN TRACKING IN THE TOPSOIL TO NOT PUNCTURE OR DAMAGE THE CLAY. A CLAY/SOIL MIXTURE MAY BE USED IF THE ABOVE SPECIFICATIONS ARE SATISFIED AND WITH WRITTEN APPROVAL BY THE ENGINEER.



NOTE:
 RISER BOX, SKIMMER AND OUTLET PIPE SHALL BE INSTALLED AT PRIOR TO THE BEGINNING OF OVERALL SITE GRADING AND SHALL BE UTILIZED AS A SEDIMENT CONTROL DEVICE CONSTRUCTION. ONCE SITE HAS BEEN STABILIZED AND GRADING IS COMPLETE THE BASIN SHALL BE CLEANED OUT AND STABILIZED. THE SKIMMER SHALL BE REMOVED.



K:\1513-0200\150305-11ey_70 - Stallings Mill APN\CAD\Construction Drawings\CAD Stormwater Ponding - Friday, September 12, 2014 1:31:48 PM - MWKLD, THOMAS

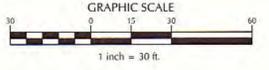
No.	Revision	Date	By	Designer	Scale
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS	TFW	AS NOTED
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS	JWC	07/08/2014

Checked By: LGS Job No: 02130305

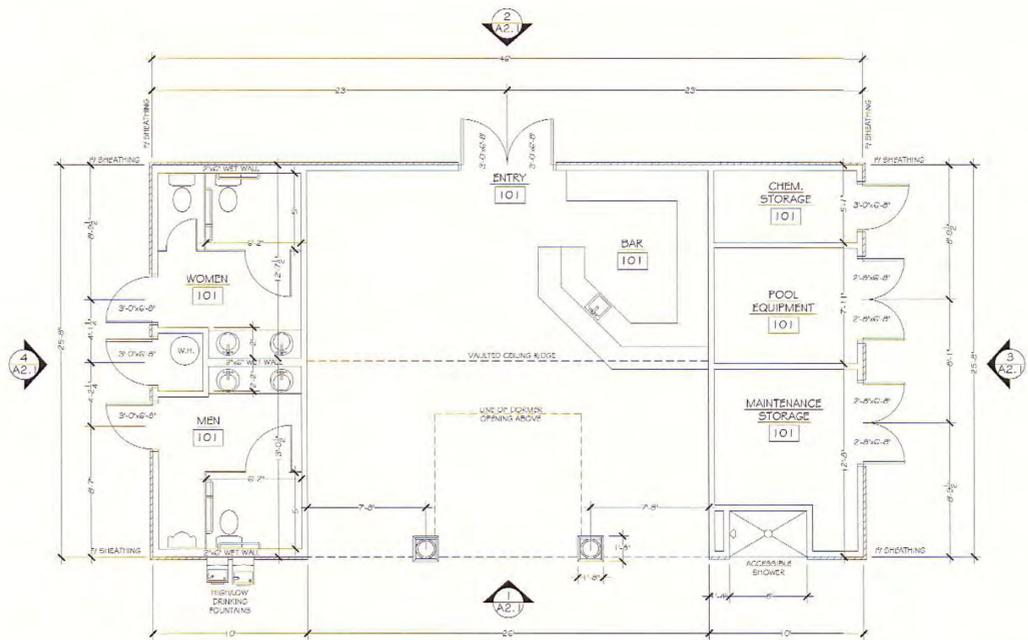
STALLINGS MILL
 Town of Clayton Johnston County North Carolina

STORMWATER PLAN

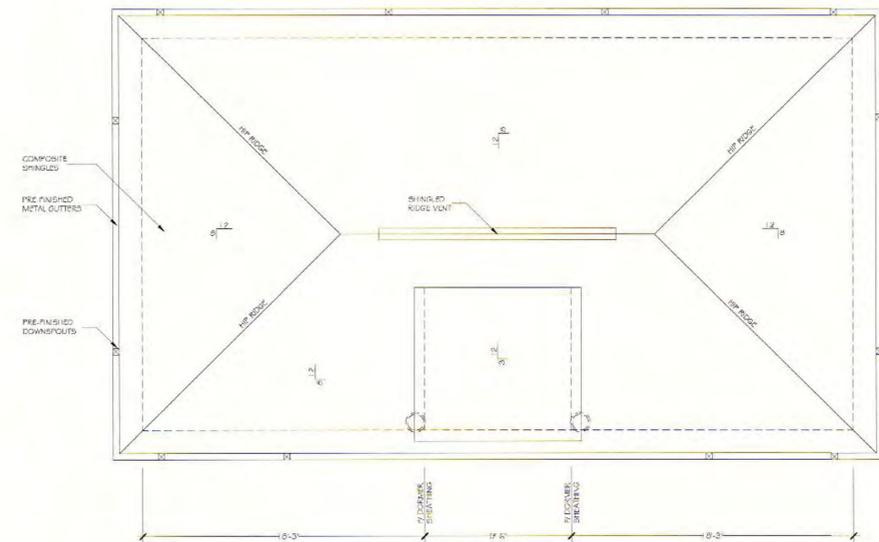
WITHERS & RAVENEL
 ENGINEERS | PLANNERS | SURVEYORS
 115 MacKinnon Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832



K:\1\13-000\13005-Rev. 70 - Sheeliff Road Arch\1305\Construction Drawings\05.0 Floor Plans.dwg - Friday, September 12, 2014 11:36:28 PM - MWK05, H10645



FLOOR PLAN
SCALE: 1/4" = 1'-0"



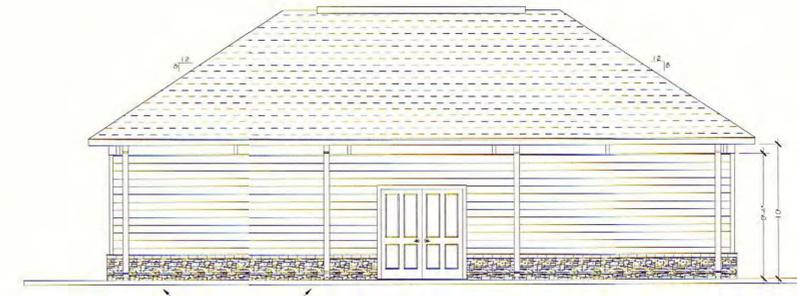
ROOF PLAN
SCALE: 1/4" = 1'-0"



FRONT ELEVATION
SCALE: 1/4" = 1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/4" = 1'-0"



REAR ELEVATION
SCALE: 1/4" = 1'-0"



LEFT SIDE ELEVATION
SCALE: 1/4" = 1'-0"

Town of Clayton
Planning Department
Date: 9/22/14
By: [Signature]
Plan Approval
SP 2014-88



No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer: TFW
Scale: AS NOTED
Drawn By: JWC
Date: 07/08/2014
Checked By: LGS
Job No.: 02130305

STALLINGS MILL

Town of Clayton

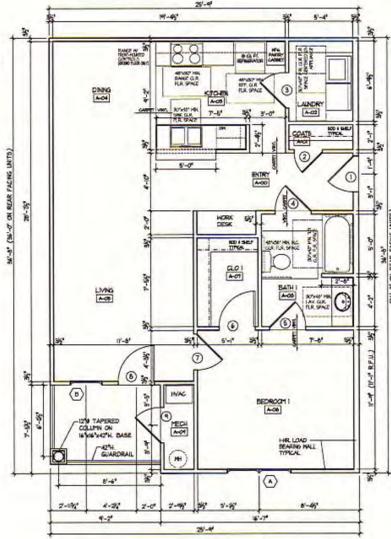
Johnston County

North Carolina

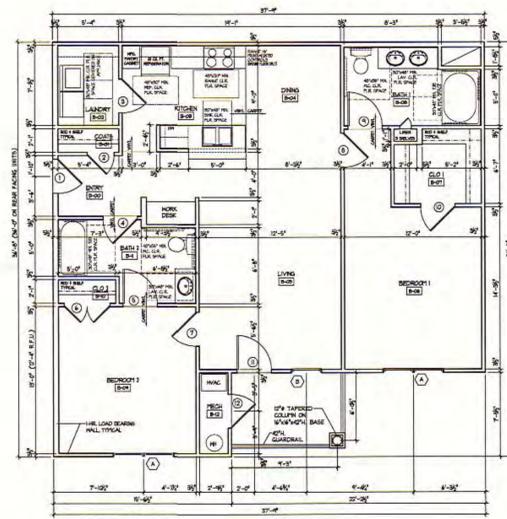
POOL HOUSE FLOOR PLAN

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
115 MacKean Drive Cary, North Carolina 27511 tel: 919-469-3340 www.wITHERSRAVENEL.COM License No. C-0832

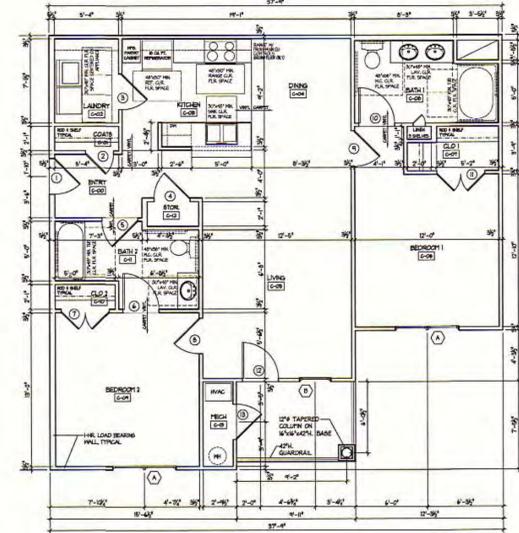
Sheet No.
C6.0



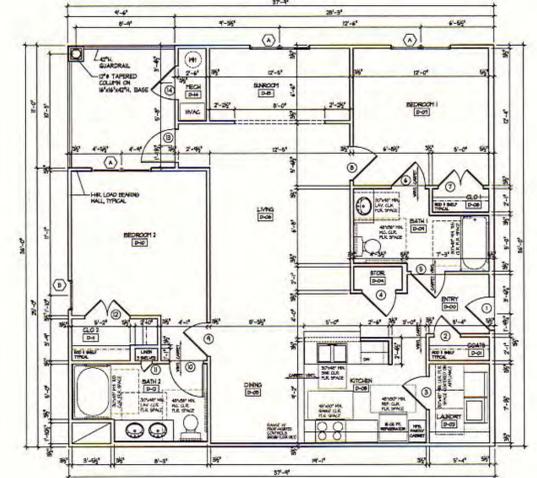
UNIT A
1BR: 855 SF (O.F.S.)



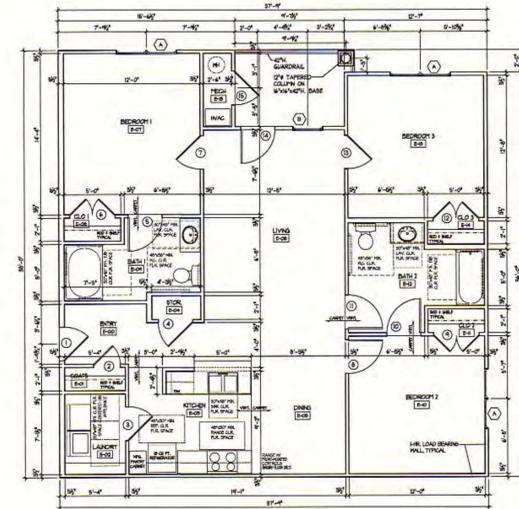
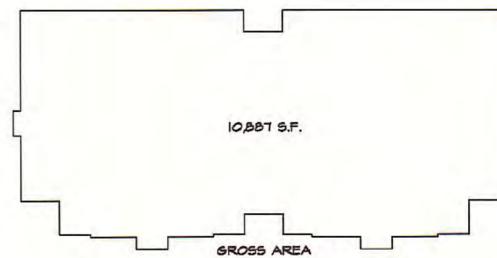
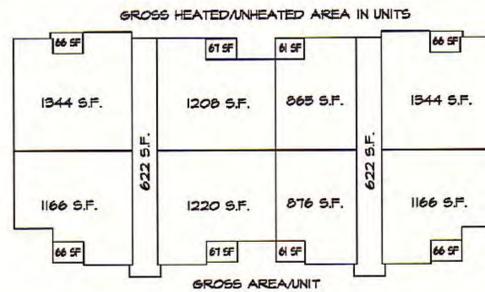
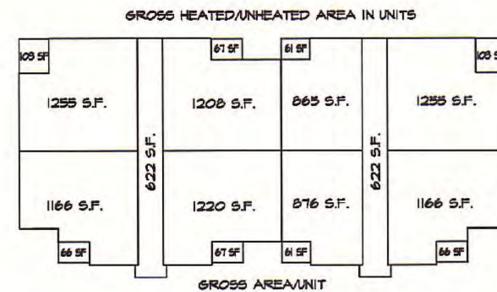
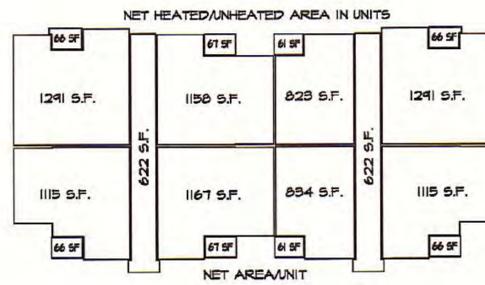
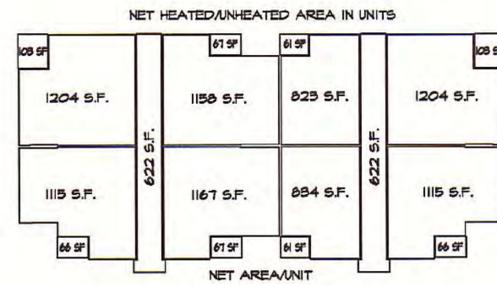
UNIT B
2BR: 1198 SF (O.F.S.)



UNIT C
2BR (SMALLER): 1145 SF (O.F.S.)



UNIT D
2BR/SUNROOM UNIT:
1255 SF (O.F.S.)



UNIT E
3BR UNIT: 1325 SF (O.F.S.)



No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer	TFW	Scale	AS NOTED
Drawn By	JWC	Date	07/08/2014
Checked By	LGS	Job No.	02130305

STALLINGS MILL
Town of Clayton Johnston County North Carolina

APARTMENT FLOOR PLANS

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
115 MacKean Drive Cary, North Carolina 27511 tel: 919-469-3340 www.wITHERSRAVENEL.COM License No. C-0832

Sheet No.
C6.2

K:\131-0305\130305-Hwy_70 - Stallings Mill Apartments\Construction Drawings\C6.0 Floor Plans.dwg - Friday, September 12, 2014 1:35:48 PM - WAKO, THOMAS

- ### GENERAL LANDSCAPE NOTES
- TREE PROTECTION FENCE SHALL SURROUND ALL EXISTING PLANTINGS AND EXISTING BUFFER AREAS WHERE APPLICABLE AND SHALL BE MAINTAINED UNTIL ALL SITE WORK IS COMPLETE. THE FENCE SHALL BE REMOVED PRIOR TO THE FINAL SITE INSPECTION FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
 - NO CHANGES TO ANY ASPECT OF THIS SITE PLAN, INCLUDING BUT NOT LIMITED TO LANDSCAPING, GRADING, BUILDING ELEVATIONS (ESPECIALLY COLOR), LIGHTING, OR UTILITIES WILL BE MADE WITHOUT THE APPROVAL OF THE DEVELOPMENT REVIEW COMMITTEE OF THE TOWN OF CLAYTON.
 - ALL EXTERIOR SITE LIGHTING WILL BE DESIGNED TO PREVENT OFF-SITE GLARE.
 - THE SITE SHALL BE STABILIZED AND SEEDED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (CO).
 - ALL ABOVE GROUND UTILITY EQUIPMENT (AND FACILITIES ASSOCIATED WITH ON-SITE ELECTRIC, TELEPHONE, GAS, CABLE OR OTHER SIMILAR UTILITY) AND ENCLOSED TRASH CONTAINMENT SHALL BE SCREENED BY THE ELEMENTS OF A TYPE B (SEMI-OPAQUE) BUFFER YARD TO A SIX (6) FEET IN HEIGHT OR THE HEIGHT OF THE UTILITY OR ENCLOSURE, WHICHEVER IS LESS.
 - NO TREE SHALL BE LOCATED WITHIN 10 FEET OF A LIGHT POLE OR 12 FEET FROM ELECTRICAL TRANSFORMERS.
 - THIS PLAN IS FOR PLANTING PURPOSES ONLY. FOR INFORMATION REGARDING GRADING, WALLS, ETC., REFER TO THE SITE AND GRADING PLANS.
 - ALL PLANTS AND PLANTING PROCEDURES SHALL MEET OR EXCEED AN N.L.A. STANDARDS AS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK", 2004 OR LATER EDITION.
 - ALL TREES AND SHRUBS SHALL BE FULL, WELL-BRANCHED PLANTS WHICH ARE CHARACTERISTIC TO THE SPECIES.
 - ALL CANOPY TREES TO BE A MINIMUM OF 2" CALIPER AND 8' HEIGHT, ALL UNDERSTORY TREES 1 1/2" CALIPER, 8' HEIGHT AND SHRUBS 18" 3 GAL. CONTAINER AT TIME OF INSTALLATION.
 - PLANT MATERIAL LOCATED WITHIN A REQUIRED SIGHT DISTANCE MAINTENANCE EASEMENT SHALL BE MAINTAINED AT A HEIGHT LESS THAN 24 INCHES OR LIMBED UP TO A MINIMUM HEIGHT OF SIX FEET.
 - ALL PLANT BEDS TO BE MULCHED WITH A MINIMUM OF 3" OF CLEAN PINE STRAW OR SHREDDED HARDWOOD BARK AT THE DISCRETION OF THE DEVELOPER. ALL PLANT GROUPINGS SHALL BE MULCHED AS ONE BED.
 - ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY OPERATED IRRIGATION SYSTEM THAT WILL ADEQUATELY COVER ALL LIVING PLANT MATERIAL. SUCH SYSTEM SHALL INCLUDE A RAIN SENSOR.
 - ALL LANDSCAPED AREAS SHALL BE MAINTAINED IN AN ATTRACTIVE AND HEALTHY CONDITION. DEAD OR DISEASED PLANTINGS SHALL BE REMOVED AND REPLACED IN A TIMELY FASHION.

- ### U.D.O. LANDSCAPE REQUIREMENTS
- PERIMETER BUFFER REQUIREMENTS:**
 TYPE C BUFFER, ALTERNATIVE 1:
 - FOR EVERY 100 LINEAR FEET, THERE SHALL BE AT LEAST 3 CANOPY TREES, 2 UNDERSTORY TREES AND 12 SHRUBS.
 - 2,720 LF = 84 CANOPY TREES, 82 UNDERSTORY TREES, AND 326 SHRUBS REQUIRED (SEE BUFFER DETAIL ON SHEET L1.1)
- PARKING LOT SCREENING:**
 - SCREEN PARKING FROM ADJACENT EXISTING RIGHT OF WAYS WITH A CONTINUOUS EVERGREEN HEDGE.
- PARKING LOT LANDSCAPING:**
 - 1 CANOPY TREE IN EACH PARKING LOT ISLAND.
- SITE INTERIOR LANDSCAPE REQUIREMENTS:**
 - 20% OF THE TOTAL LOT AREA SHALL BE LANDSCAPED.
 - 925,720 SF OF SITE = 185,144 SF REQUIRED LANDSCAPING AREA.
 - 38,796 SF OF RCA COUNTS TOWARD 21% OF REQUIRED LANDSCAPING.
 - 146,348 SF REVISED REQUIRED LANDSCAPING AREA.
 - PER 1,000 SF 1 CANOPY TREE, 1 UNDERSTORY TREE, & 2 SHRUBS SHALL BE PLANTED = 146 TREES, 146 UNDERSTORY TREES, 293 SHRUBS REQUIRED.
 - LANDSCAPING PROVIDED WITHIN VEHICULAR USE AREAS MAY BE COUNTED TOWARD THE SITE INTERIOR LANDSCAPE REQUIREMENT. TOTAL NUMBERS OF PLANT REQUIREMENTS SHALL BE ADDED FROM PLANT SCHEDULE ON SHEET L1.0 & L1.1.

BMP #1 SHALLOW WATER (NORMAL POOL TO 6" BELOW) = 3,136 S.F. 50 HERB. PLANTS / 200 S.F. = 784 PLANTS

PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
HERBACEOUS	196	IVI	<i>Iris virginica</i>	Southern Blue Flag Iris	CONT.	4" Pot	24" O.C.	
	195	PEV	<i>Pellandria virginica</i>	Arrow arum	CONT.	4" Pot	24" O.C.	
	160	POC	<i>Portulacaria cordata</i>	Pickersweed	CONT.	4" Pot	24" O.C.	
	117	SAC	<i>Saururus cernuus</i>	Lizard's tail	CONT.	4" Pot	24" O.C.	
	116	SCT	<i>Schoenoplectus tabernaemontani</i>	Softstem Bulrush	CONT.	4" Pot	24" O.C.	

BMP #1 SHALLOW LAND (NORMAL POOL AND ABOVE) = 3,536 S.F. SEE RIGHT FOR PLANT CALCULATIONS

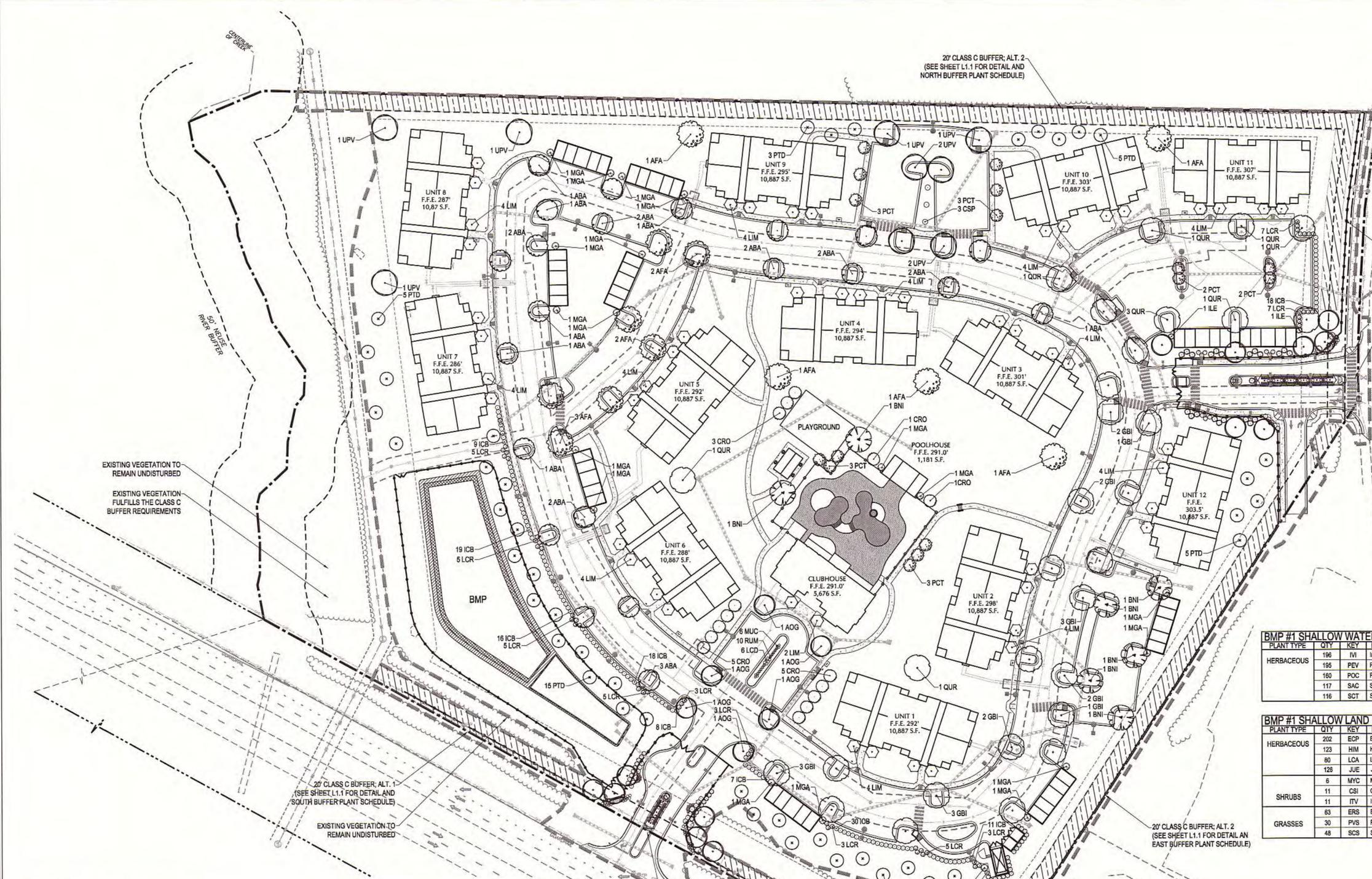
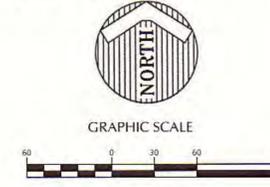
PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
HERBACEOUS	202	ECP	<i>Echinacea purpurea</i>	Coneflower	CONT.	4" Pot	24" O.C.	
	123	HIM	<i>Hibiscus moscheutos</i>	Rose Mallow	CONT.	4" Pot	24" O.C.	
	80	LCA	<i>Lobelia cardinalis</i>	Cardinal Flower	CONT.	4" Pot	24" O.C.	
	128	JUE	<i>Juncus effusus</i>	Soft Rush	CONT.	4" Pot	24" O.C.	
SHRUBS	6	MYC	<i>Myrica cerifera</i>	Wax Myrtle	CONT.	3 Gal.	30" MIN	5' O.C.
	11	CSJ	<i>Cornus sericea 'Isanti'</i>	Red Twig Dogwood	CONT.	3 Gal.	30" MIN	5' O.C.
	11	ITV	<i>Itea virginica</i>	Sweetgum	CONT.	3 Gal.	30" MIN	5' O.C.
GRASSES	63	ERS	<i>Eragrostis spectabilis</i>	Purple Love Grass	CONT.	1 Gal.	24" O.C.	
	30	PVS	<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah Switch Grass	CONT.	3 Gal.	24" O.C.	
	48	SCS	<i>Schizachyrium scoparium</i>	Little Bluestem	CONT.	1 Gal.	24" O.C.	

SHALLOW WATER - 0" to 6" BELOW NORMAL POOL
 - +/- 3,134

SHALLOW LAND - 0" to 12" ABOVE NORMAL POOL
 - +/- 3,536

- ### SHALLOW LAND PLANTING TABULATIONS
- HERBACEOUS PLANTS PROPOSED FOR 60% OF SHALLOW LAND AREA (2,122 S.F.)
 50 PLANTS/200 S.F. = 531 PLANTS REQUIRED
 - SHRUBS PROPOSED FOR 20% OF SHALLOW LAND AREA (707 S.F.)
 8 SHRUBS/200 S.F. = 28 SHRUBS REQUIRED
 - GRASSES PROPOSED FOR 20% OF SHALLOW LAND AREA (707 S.F.)
 40 GRASSES/200 S.F. = 141 GRASSES REQUIRED

Town of Clayton
 Planning Department
 Date: 9/22/14
 By: [Signature]
 Plan Approval
 SP 2014-88



STALLINGS MILL PLANT SCHEDULE 09.12.14

PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
CANOPY TREES	22	ABA	<i>Acer buergerianum 'ABMTP'</i>	Aeryn Trident Maple (STD)	B&B	2 1/2"	8'-8'	MATCHED
	10	AFA	<i>Acer x freemanii 'Autumn Blaze'</i>	Autumn Blaze Maple	B&B	2 1/2"	8'-8'	MATCHED
	7	AOG	<i>Acer rubrum 'October Glory'</i>	October Glory Red Maple	B&B	2 1/2"	8'-8'	MATCHED
	7	BNI	<i>Betula nigra</i>	River Birch	B&B	2 1/2"	8'-8'	MATCHED
	19	GBI	<i>Ginkgo biloba</i>	Ginkgo	B&B	2 1/2"	6'-8'	MATCHED
	45	PTD	<i>Pinus taeda</i>	Loblolly Pine	B&B	2 1/2"	6'-8'	MATCHED
	11	QUR	<i>Quercus rubra</i>	Red Oak	B&B	2 1/2"	6'-8'	MATCHED
UNDERSTORY TREES	9	UPV	<i>Ulmus parvifolia 'Emer II'</i>	Chinese Lacebark Elm	B&B	2 1/2"	6'-8'	MATCHED
	17	CRO	<i>Cercis reniformis 'Oklahoma'</i>	Redbud	B&B	1"	6'-8'	MATCHED
	3	CSP	<i>Cupressus sempervirens</i>	Italian Cypress	B&B	1"	6'-8'	MATCHED
	27	ILE	<i>Ilex x 'Emily Bruner'</i>	Emily Bruner Holly	B&B	2"	8'-10'	MATCHED
	50	LIM	<i>Lagerstroemia indica 'Muskgogel'</i>	Muskogee Crape Myrtle	B&B	2"	8'-10'	MULTI-STEM, MATCHED
	19	MGA	<i>Magnolia grandiflora 'TMGH'</i>	Alta Southern Magnolia	B&B	2"	8'-10'	MATCHED
	18	PCT	<i>Prunus cerasifera 'Thundercloud'</i>	Purple Leaf Plum	B&B	2"	8'-10'	MATCHED
SHRUBS	129	ICB	<i>Ilex cornuta 'Burfordi Nana'</i>	Dwarf Burford Holly	CONT.	3 Gal.	30" MIN	5' O.C.
	6	LCD	<i>Lonicera chinensis 'Danuma'</i>	Daruma Chinese Witchhazel	CONT.	3 Gal.	30" MIN	36" O.C.
	51	LCR	<i>Lonicera chinensis 'Ruby'</i>	Ruby Chinese Witchhazel	CONT.	3 Gal.	30" MIN	5' O.C.
	6	MUC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	CONT.	3 Gal.	18"-24"	36" O.C.
	21	MYC	<i>Myrica cerifera</i>	Wax Myrtle	CONT.	3 Gal.	30" MIN	5' O.C.
	10	RUM	<i>Raphiolepis umbellata 'Minor'</i>	Minor India Hawthorn	CONT.	3 Gal.	30" MIN	36" O.C.

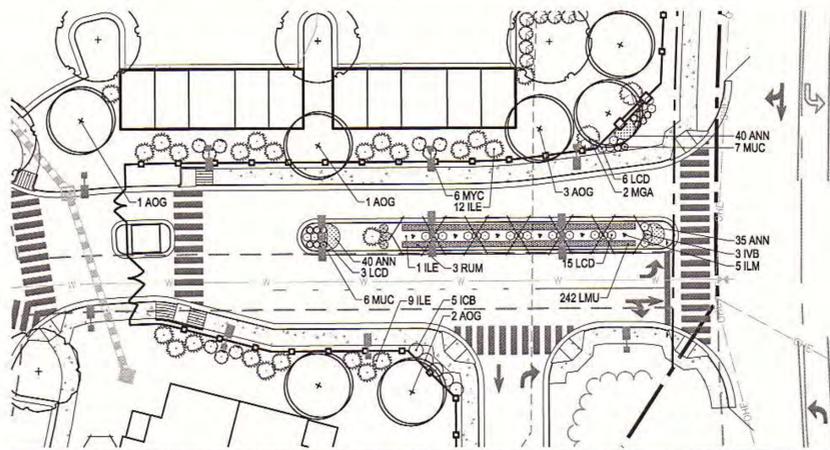
No.	Revision	Date	By	Designer	Scale
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS	TFW	AS NOTED
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS	JWC	07/08/2014

STALLINGS MILL
 Johnston County
 North Carolina

LANDSCAPE PLAN

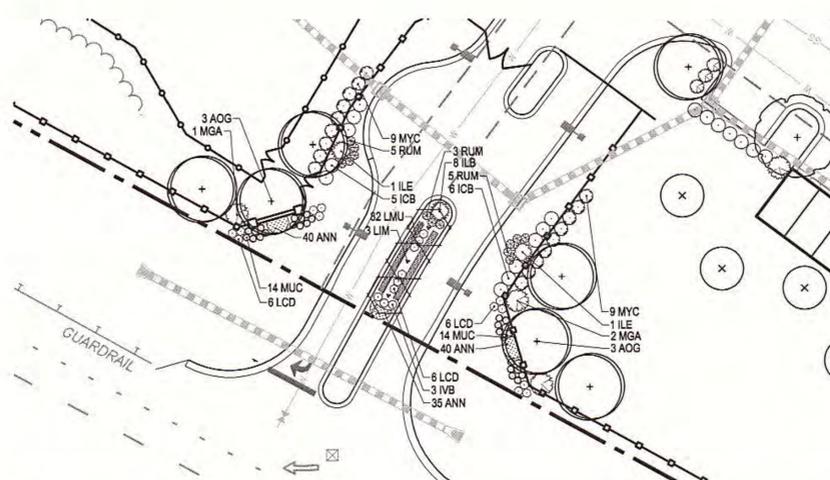
WITHERS & RAVENEL
 ENGINEERS | PLANNERS | SURVEYORS
 115 MacKenan Drive Cary, North Carolina 27511 Tel: 919-469-3340 www.wITHERS&RAVENEL.COM License No. C0832

K:\13\13-0205\130205-Hwy_70 - Showell Road April 2010\Construction Drawings\1-10 Landscape Plan.dwg - L1.0 Landscape Plan.dwg - Friday, September 12, 2014 2:53:29 PM - L1.0.dwg - L1.0.dwg - COPY



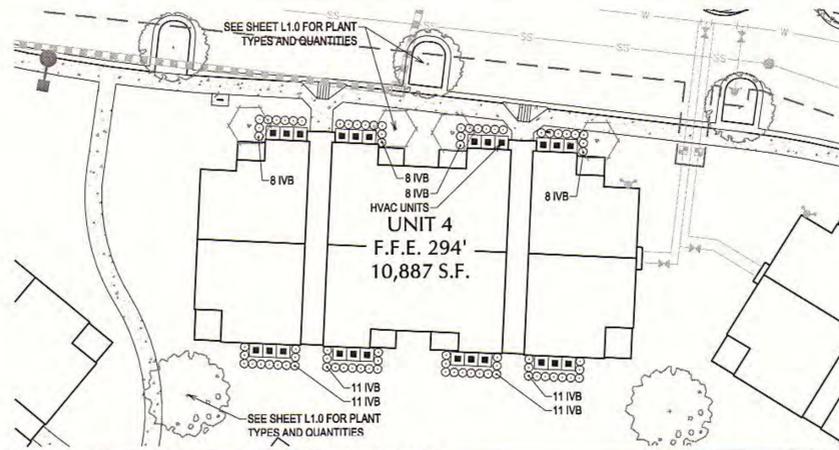
PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
TREES	7	AOG	<i>Acer rubrum</i> 'October Glory'	October Glory Red Maple	B&B	3"	12-14'	MATCHED
	10	ILE	<i>Ilex</i> x 'Emily Bruner'	Emily Bruner Holly	B&B	2"	8-10'	MATCHED
	6	LM	<i>Lagerstroemia indica</i> 'Muskegee'	Muskegee Crape Myrtle	B&B	2"	8-10'	MULTI-STEM, MATCHED
	2	MGA	<i>Magnolia grandiflora</i> 'TMGH'	Alta Southern Magnolia	B&B	2"	8-10'	MATCHED
	11	ICB	<i>Ilex cornuta</i> 'Burfordii Nana'	Dwarf Burford Holly	CONT.	3 Gal.	30" MIN	36" O.C.
	3	IVB	<i>Ilex vomitoria</i> 'Bordeaux'	Bordeaux Dwarf Yaupon Holly	CONT.	3 Gal.	30" MIN	36" O.C.
SHRUBS	31	LCD	<i>Loropetalum chinense</i> 'Danumai'	Danuma Chinese Witchhazel	CONT.	3 Gal.	30" MIN	36" O.C.
	6	MYC	<i>Myrica carifera</i>	Wax Myrtle	CONT.	3 Gal.	30" MIN	60" O.C.
	15	RUM	<i>Raphiolepis umbellata</i> 'Minor'	Minor India Hawthorn	CONT.	3 Gal.	30" MIN	36" O.C.
GROUND COVER	137	ANN	Seasonal Color Annuals	Annuals (replaced each year)	CONT.	flat	varies	12" O.C.
	240	LMU	<i>Liriope muscari</i>	Liriope	CONT.	1 Gal.	8"-12"	15" O.C.
	16	MUC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	CONT.	3 Gal.	18"-24"	36" O.C.

SHOTWELL ROAD ENTRANCE PLANTING CONCEPT
SCALE: 1" = 30'



PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
TREES	6	AOG	<i>Acer rubrum</i> 'October Glory'	October Glory Red Maple	B&B	2 1/2"	12-14'	MATCHED
	3	ILE	<i>Ilex</i> x 'Emily Bruner'	Emily Bruner Holly	B&B	2"	8-10'	MATCHED
	3	LM	<i>Lagerstroemia indica</i> 'Muskegee'	Muskegee Crape Myrtle	B&B	2"	8-10'	MULTI-STEM, MATCHED
	3	MGA	<i>Magnolia grandiflora</i> 'TMGH'	Alta Southern Magnolia	B&B	2"	8-10'	MATCHED
SHRUBS	13	ICB	<i>Ilex cornuta</i> 'Burfordii Nana'	Dwarf Burford Holly	CONT.	3 Gal.	30" MIN	36" O.C.
	3	IVB	<i>Ilex vomitoria</i> 'Bordeaux'	Bordeaux Dwarf Yaupon Holly	CONT.	3 Gal.	30" MIN	36" O.C.
	18	LCD	<i>Loropetalum chinense</i> 'Danumai'	Danuma Chinese Witchhazel	CONT.	3 Gal.	30" MIN	36" O.C.
	10	MYC	<i>Myrica carifera</i>	Wax Myrtle	CONT.	3 Gal.	30" MIN	60" O.C.
	13	RUM	<i>Raphiolepis umbellata</i> 'Minor'	Minor India Hawthorn	CONT.	3 Gal.	30" MIN	36" O.C.
GROUND COVER	119	ANN	Seasonal Color Annuals	Annuals (replaced each year)	CONT.	flat	varies	12" O.C.
	110	LMU	<i>Liriope muscari</i>	Liriope	CONT.	1 Gal.	8"-12"	15" O.C.
	28	MUC	<i>Muhlenbergia capillaris</i>	Pink Muhly Grass	CONT.	3 Gal.	18"-24"	36" O.C.

U.S. HIGHWAY 70 ENTRANCE PLANTING CONCEPT
SCALE: 1" = 30'



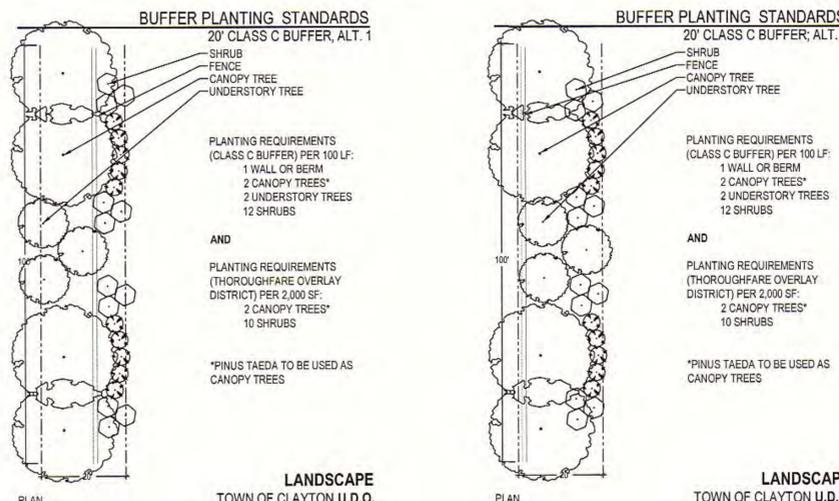
PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
SHRUBS	76	IVB	<i>Ilex vomitoria</i> 'Bordeaux'	Bordeaux Dwarf Yaupon Holly	CONT.	3 Gal.	30" MIN	36" O.C.

TYPICAL APARTMENT FOUNDATION LANDSCAPE PLAN
1" = 30'

PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
CANOPY	56	OPA	<i>Quercus palustris</i>	Pin Oak	B&B	2 1/2"	12-14'	MATCHED
UNDERSTORY	42	INS	<i>Ilex</i> x 'Nellie R. Stevens'	Nellie Stevens Holly	B&B	2"	8-10'	MATCHED
SHRUBS	167	ABG	<i>Abelia</i> x 'grandiflora'	Glossy Abelia	CONT.	3 Gal.	30" MIN	MATCHED
	140	LRO	<i>Ligustrum japonicum</i> 'Rotundifolium'	Curly Leaf Ligustrum	CONT.	3 Gal.	30" MIN	MATCHED

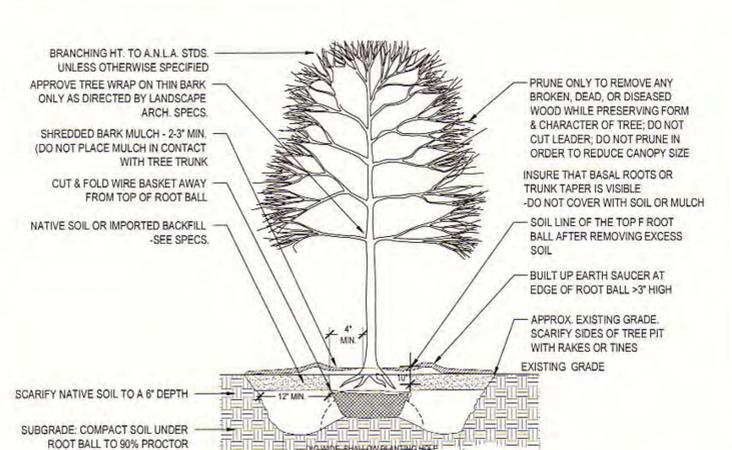
PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
CANOPY	29	OPA	<i>Quercus palustris</i>	Pin Oak	B&B	2 1/2"	12-14'	MATCHED
UNDERSTORY	22	INS	<i>Ilex</i> x 'Nellie R. Stevens'	Nellie Stevens Holly	B&B	2"	8-10'	MATCHED
SHRUBS	87	ABG	<i>Abelia</i> x 'grandiflora'	Glossy Abelia	CONT.	3 Gal.	30" MIN	MATCHED
	73	LRO	<i>Ligustrum japonicum</i> 'Rotundifolium'	Curly Leaf Ligustrum	CONT.	3 Gal.	30" MIN	MATCHED

PLANT TYPE	QTY	KEY	BOTANICAL NAME	COMMON NAME	ROOT	CALIPER	HEIGHT	NOTES
CANOPY	23	OPA	<i>Quercus palustris</i>	Pin Oak	B&B	2 1/2"	12-14'	MATCHED
UNDERSTORY	17	INS	<i>Ilex</i> x 'Nellie R. Stevens'	Nellie Stevens Holly	B&B	2"	8-10'	MATCHED
SHRUBS	89	ABG	<i>Abelia</i> x 'grandiflora'	Glossy Abelia	CONT.	3 Gal.	30" MIN	MATCHED
	57	LRO	<i>Ligustrum japonicum</i> 'Rotundifolium'	Curly Leaf Ligustrum	CONT.	3 Gal.	30" MIN	MATCHED



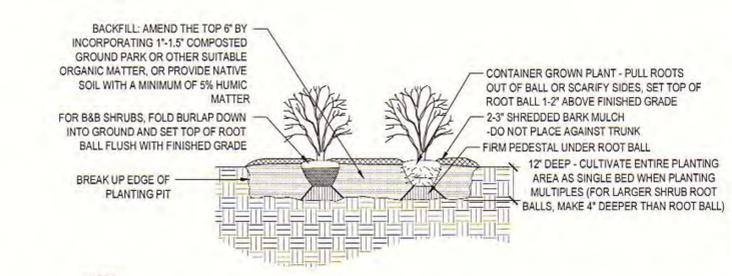
SPACING 'D'	ROW 'A'	PLANTS/S.F.
6" o.c.	5.7'	4.61
8" o.c.	6.93'	2.60
10" o.c.	8.66'	1.66
12" o.c.	10.4'	1.15
15" o.c.	13.0'	0.73
18" o.c.	15.6'	0.51
24" o.c.	20.8'	0.29
30" o.c.	26.0'	0.18
36" o.c.	31.30'	0.12
4" o.c.	3.46'	7.25
5" o.c.	4.33'	4.61
6" o.c.	5.2'	3.20
8" o.c.	6.93'	1.80
10" o.c.	8.66'	1.16

PLANT SPACING CHART
NOT TO SCALE



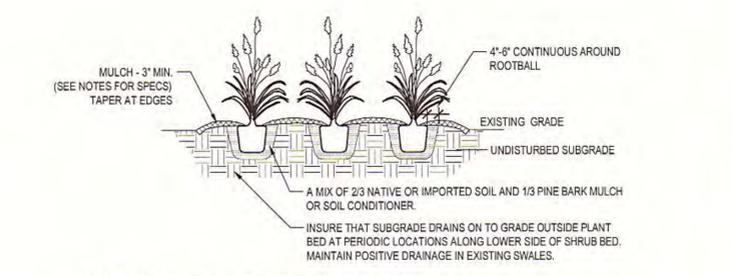
- TREE PLANTING NOTES:
- IF TREES SETTLE OR ARE BLOWN OUT OF PLUMB POSITION, THEY SHOULD BE STRAIGHTENED BY MAKING ADJUSTMENTS TO THE POSITION OF THE ROOTBALL - NOT BY PUSHING ON THE TRUNK AND/OR TIGHTENING THE GUY WIRE. TREES SHALL BE STRAIGHTENED DURING THE LIFE OF THE PROJECT AS THEY GET OUT OF PLUMB, NOT JUST AT THE END OF THE PROJECT.
 - BALL DEPTHS ON SOME TREES IN A SINGLE GROUP MAY VARY. IF DEPTHS VARY, ALL TREES IN A GROUP SHOULD BE SET SO THAT THE BASE OF THE TRUNKS WILL APPEAR TO BE AT THE SAME RELATIVE ELEVATION ABOVE GRADE.
 - NO DECIDUOUS OR EVERGREEN TREES WILL BE ACCEPTED IF THERE IS MORE THAN ONE LEADER, UNLESS THE TREE IS SPECIFIED AS MULTI-TRUNK.
 - CONTRACTOR TO VERIFY THAT ADEQUATE DRAINAGE EXISTS PRIOR TO PLANTING.
 - STAKING OF TREES IS NOT RECOMMENDED, EXCEPT ON WINDY SITES OR IF TREES ARE 3" CALIPER AND LARGER. IF STAKING IS DONE, FLEXIBLE STRAPS - NOT HOPE AND WIRE - SHOULD BE USED AND MUST BE REMOVED AT APPROPRIATE TIME. PROPERTY OWNER IS RESPONSIBLE FOR REPLACEMENT OF DESTROYED OR DAMAGED TREES.
 - ALL TREES SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MOST RECENT EDITION (2004 OR LATER) OF AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY A.N.L.A.
 - A ROOT COLLAR EXCAVATION FOR ALL TREES SPECIFIED WILL BE DONE BY THE TOWN ARBORIST TO ENSURE THAT TREES WERE PLANTED/GROWN TOO DEEPLY BY THE SOURCE (NURSERY). LANDSCAPE CONTRACTOR SHALL HAVE SUPPLIER MARK GROUND LEVEL LINE ABOVE ROOTBALL. IF TOWN ARBORIST DETERMINES THAT THERE IS EXCESSIVE SOIL OVER ROOT CROWN, THESE TREES WILL BE REJECTED.

TREE PLANTING DETAIL
NOT TO SCALE



- SHRUB PLANTING DETAIL NOTES:
- ALL SHRUBS SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MOST RECENT EDITION (2004 OR LATER) OF AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (A.N.L.A.)
 - SOIL ANALYSIS SHALL BE OBTAINED PRIOR TO PLANTING. SOIL SHALL BE AMENDED AS RECOMMENDED.
 - SHEET PREPARATION OF BEDS IS HIGHLY PREFERRED TO INDIVIDUALLY DUG HOLES.

SHRUB PLANTING DETAIL
NOT TO SCALE



ORNAMENTAL GRASS PLANTING DETAIL
NOT TO SCALE

Town of Clayton
Planning Department
Date: 9/22/14
By: [Signature]
Plan Approval
5P 2014-88



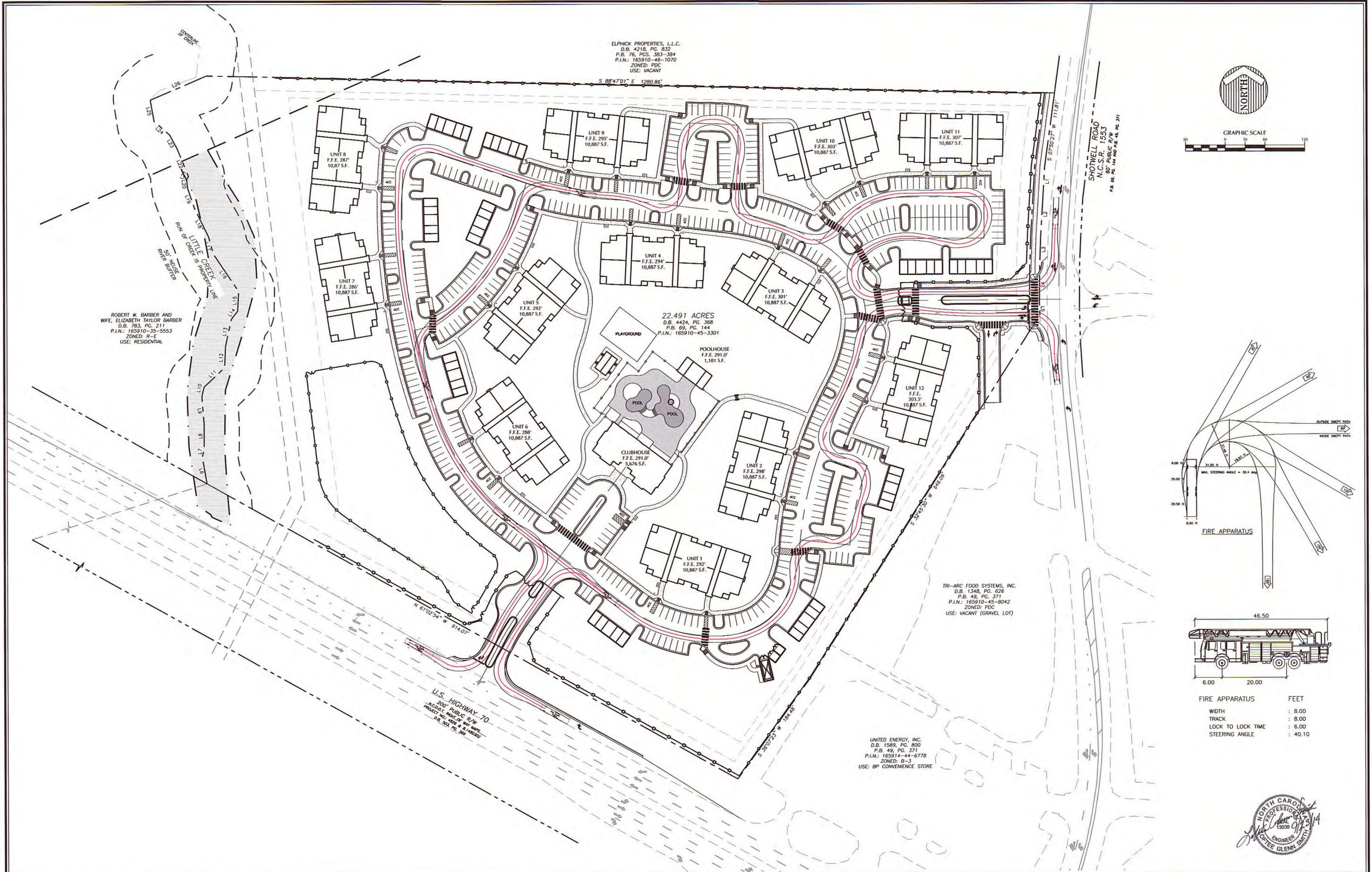
No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer: TFW
Scale: AS NOTED
Drawn By: JWC
Date: 07/08/2014
Checked By: LGS
Job No.: 02130305

STALLINGS MILL
Johnston County
Town of Clayton
North Carolina

LANDSCAPE DETAILS
WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
115 MacKenzie Drive Cary, North Carolina 27511 | tel: 919-469-3340 | www.withersravenel.com | License No. C-0832
Sheet No. L1.1

K:\1\13-020\13020-Hwy_70 - Shotwell Road Right-of-Way\Construction Drawings\EX1.0 Fire Truck Movement.dwg - Friday, September 12, 2014 11:38:30 PM - W:\AUGUS



No.	Revision	Date	By
1	TRC COMMENTS - 1st REVIEW	08/29/14	LGS
2	TRC COMMENTS - 2nd REVIEW	09/12/14	LGS

Designer	TFW	Scale	AS NOTED
Drawn By	JWC	Date	07/08/2014
Checked By	LGS	Job No.	02130305

STALLINGS MILL
Town of Clayton
Johnston County
North Carolina

FIRE TRUCK MOVEMENT

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
115 MacKinnon Drive, Cary, North Carolina 27511 | tel: 919-469-3340 | www.wITHERSRVNL.COM | License No. C-0832

Sheet No. **EX1.0**