CHATHAM COUNTY MAJOR SUBDIVISION REVIEW CHECKLIST

Subdivision Name	ARCADIA		
Review For:	[] Sketch	[X] Prelim	[] Final

Attach all supporting documentation regarding these approvals. If approvals are still pending, attach applications for

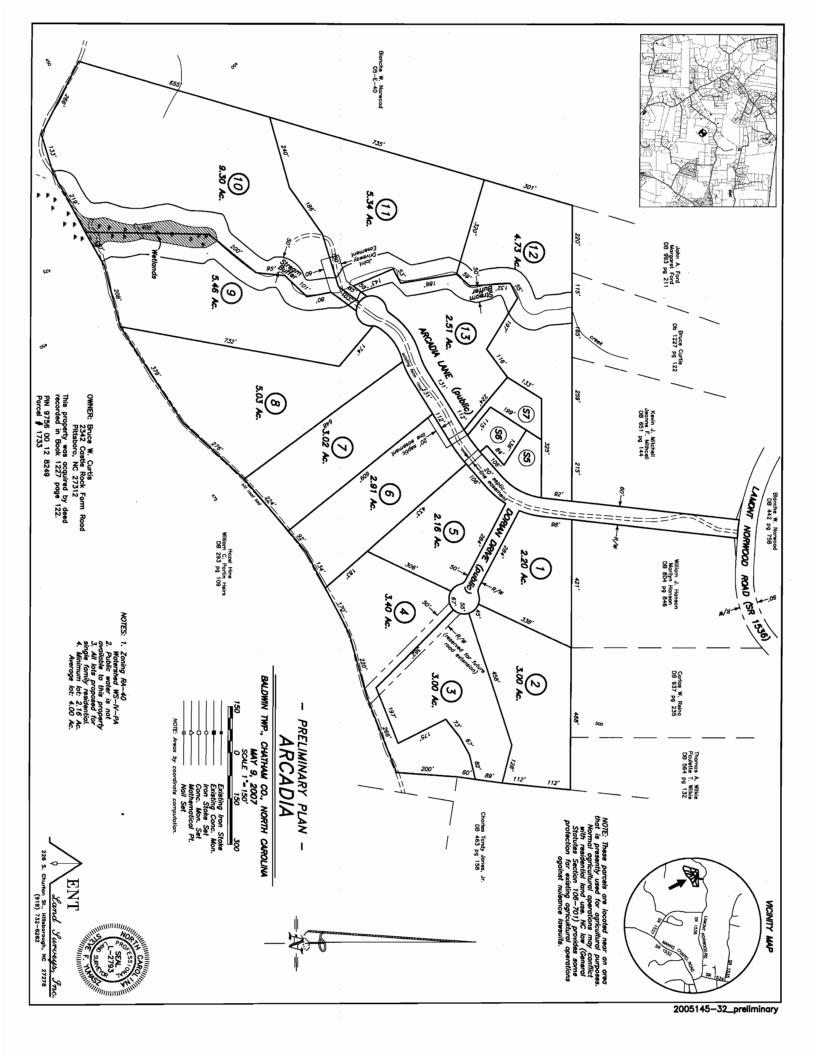
SKETCH DESIGN REVIEW	APPROVAL DATE
[] 25 Copies of Plat with topo along with one (1) 8-1/2 x 11 copy	
[] Application w/Complete Adjacent Owner Addresses	
[] Soil Scientist Report and soil map	
[] 1 electronic copy of all items above (see Digital Document Requirements)	
PRELIMINARY PLAT REVIEW	
[X] 25 Copies of Plat along with one (1) 8-1/2 x 11 copy	
[X] Application w/ Complete Adjacent Owner Addresses	
[X] Detailed Soils Map and Letter of explanation or D.E.M. approval	05/11/2007
{see Requirements for soil scientist report)	
[X] NCDOT Approval (if public roads)	05/11/2007
[X] DOT Comm. Driveway Permit	04/20/2007
[X] Erosion Control Plan Approval (if new roads or one acre disturbed)	04/30/2007
U.S. Army Corps of Engineers Permit (if appl)	
[X] Road Name Request Form	05/15/2006, 01/12/200
[] County Public Water Approval (if applicable)	//
State Public Water Approval (if applicable)	
[X] Chatham Co. Schools' Road Comments (if new roads)	Pending
Stormwater Management Plan Approval (if appl)	
Economic & Environmental Impact Study (if appl)	
Water / Sewer Impact Statement (if appl)	
[X] 1 electronic copy of all items above (see Digital Document Requirements)	
FINAL PLAT REVIEW	
] 25 Copies of Plat	
] Application	
] 1 electronic copy of all items above (see Digital Document Requirements)	
] Chatham County Environmental Health Division septic improvement permits or NCDWQ septic permits for each lot.	
] Road Completion Certificate or Financial Guarantee	
] Utilities Completion Cert. or Financial Guarantee	

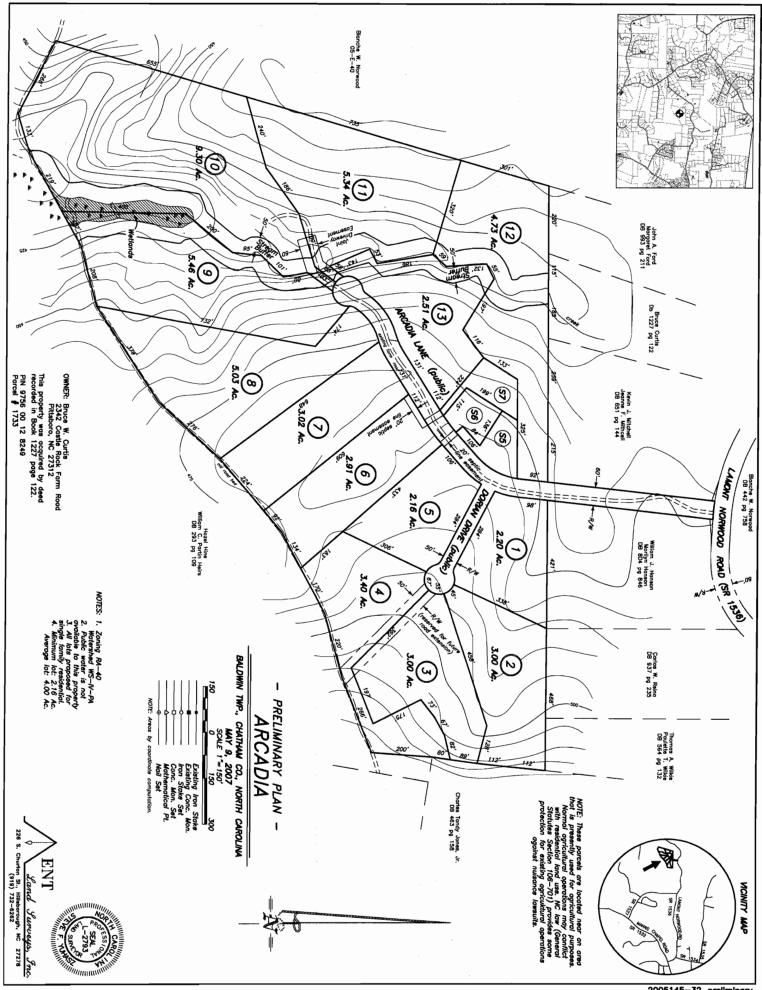
Chatham County Planning Department P.O. Box 54 Pittsboro, NC 27312 Tel: (919) 542-8204 Fax: (919) 542-2698 MAJOR SUBDIVISION APPLICATIO	
Name of Subdivision: ARCADIA	
Subdivision Applicant:	Subdivision Owner:
Name: _ENT Land Surveys, Inc.	Name: Bruce Curtis
Address: 226 S Churton St Hillsborough, NC 27278	Address: 2342 Castle Rock Farm Road Pittsboro, NC 27312
Phone:(W) (919) 732-6262	Phone:(W) (919) 542-5902
Phone:(H) Fax: (919) 644-117	77 Phone:(H) (919) 542-5767 Fax:
E-Mail_steve@entlandsurveys.com Township: Baldwin Zoning: RA-40	E-Mail P. I. N. # <u>9756 00 12 8249</u>
Flood Map #_3710974600J Zone: X	
Watershed: WS-IV-PA	Existing Access Road: S.R. #1536
Total Acreage: _57.03 Total	S.R. road name <u>Lamont Norwood Road</u> I # of Lots: <u>13</u> Min. Lot Size: <u>2.16 Ac.</u>
Ph. I Acreage Ph. I	# of lots Max. Lot Size: <u>9.30 Ac.</u>
Ph. II Acreage. Ph. II	I # of lots Avg. Lot Size: 4.00 Ac.
Ph. III Acreage Ph. II	II # of lots
Type of new road: [] Private/ Length	[X] Public/ Length <u>1930'</u>
	er System: Sewer System:
	individual wells [X] septic systems
q[]p	ommunity wells [] community system ublic system [] public system
	ame name etc., and the approximate acreage or square footage:
ENT Land Surveys, Inc.	1 0 1 1
Date of Date o	Signature of Owner Date May 10,07
Steve F. Yuhayz Signature of Applicant	Signature of Owner f
For Office Use Only: Notes:	
	ounty Commissioners: Sketch
	Preliminary Final
Payment: Date/ Amount: \$	

ADJACENT LAND OWNERS (Property owners across a road, easement, or waterway are considered adjacent land owners):

Legal notices are mailed to these owners, please type or write neatly, and include zip codes.

1. Blanche W. Norwood (Tr 1602)	11.
843 Lamont Norwood Road	
Pittsboro, NC 27344	
2. John A. and Margaret B. Ford (Tr 1738)	12.
1044 Lamont Norwood Road	
Pittsboro, NC 27344	
3. Bruce W. Curtis (Tr 1739)	13.
2342 Castle Rock Farm Road	
Pittsboro, NC 27344	
4. Kevin J and Jeanne F. Mitchell (Tr 70046)	14.
1190 Lamont Norwood Road	
Pittsboro, NC 27344	
5. Blanche W. Norwood (Tr 1734)	15.
843 Lamont Norwood Road	
Pittsboro, NC 27344	
6. William J. and Marilyn Hanson (Tr 1641)	16.
1240 Lamont Norwood Road	
Pittsboro, NC 27344	
7. Carlos W. Reina (Tr 1642)	17.
1316 Lamont Norwood Road	
Pittsboro, NC 27344	
8. Thomas A. and Paulette T. Wilkie (Tr 60584)	18.
1370 Lamont Norwood Road	
Pittsboro, NC 27344	·
9. Charles T. Jones, Jr. (Tr 60581)	19.
1496 Lamont Norwood Road	
Pittsboro, NC 27344	
10. Hazel Hines, Wm C. Partin Hrs. (Tr 1599)	20.
979 Lamont Norwood Road	
Pittsboro, NC 27344	





Neal C. Floyd & Associates, Inc.

To: ENT Land Surveys, Fre 226 S. Churton Street Hillsborough, N.C. 27278

5/11/07

RE: preliminary plan . Arcadia - lots 1-13

Dear Steve,

Enclosed is the soils map for the proposed Lot design based on my site and soil evaluations incorporated with the soil avaluations completed by the soil scientist/EHS of the Chatham County Health Department. The soil areas shown for onsite waste disposal are a combination of work and are field located for this design.

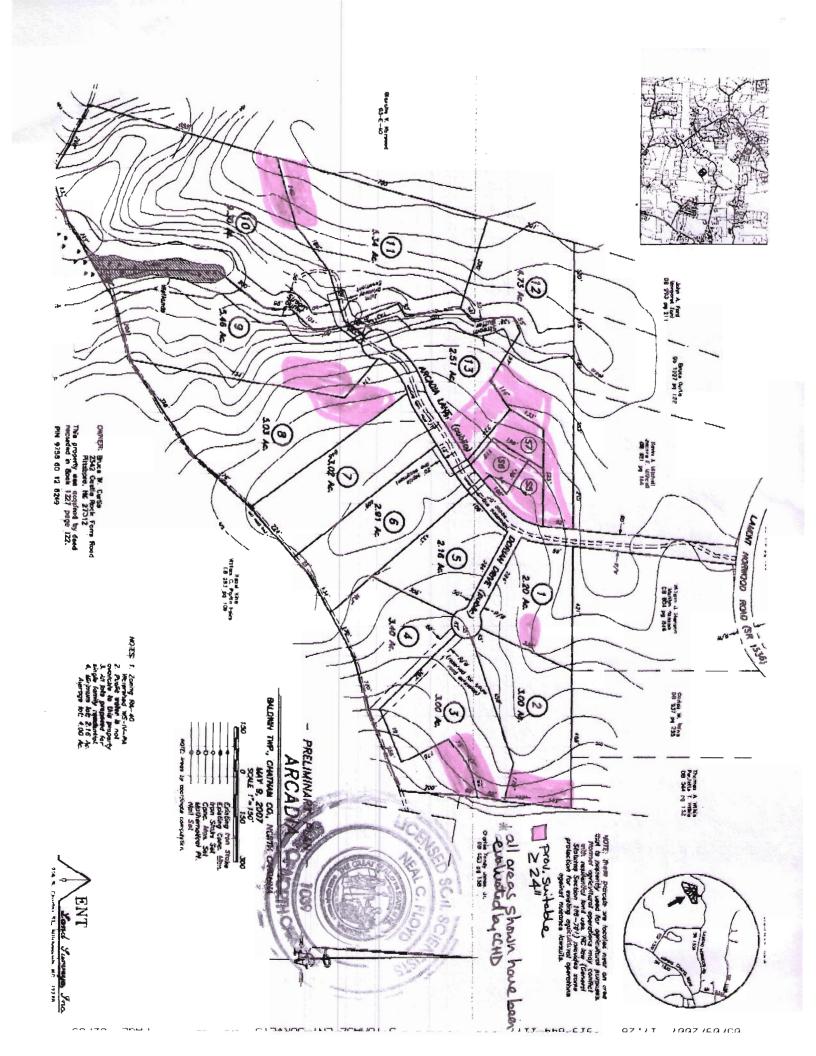
The site occurs across several ridge and side slope complexes underlain by mixed acid/basic crystalline rock. Some rock outcroppings are visible throughout the site. The site is wooded with a mixture of mature pines and hardwoods. A perennial stream crosses the property from N to S and has some associated wetlands as shown. The sail is characterized as having a 6 to 18" sandy loam AI underlain by a red to reddish yellow Bt/orgillic. The Bt has fine to moderate subangular blocky skucture and ranges from 2.4 to 40t" to the BC/CB. The LTAR'S can range from 0.3 gpd/ft2 for conventional systems.

Based on the current design of the subdivision, all lots are set to have 4 bedroom conventional/ at grade conventional systems on site or as offsite systems. Each area is marked and field located. Final design adjustment may be made upon review by The CCHD at time of the permit and final review. At the final review with The CCHD, any lot line adjustments or other items can be made to satisfy all approvals.

Neal C. Floyd & Associates, Inc.

If you have any questions please contact me.

Sincerely Meditoryl Neal Flord Soil Scientist



05/11/2007 14:48



State of North Carolina DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY GOVERNOR DIVISION OF HIGHWAYS

LYNDO TIPPETT SHCRETARY

May 11, 2007

Chatham County

Subject: Subdivision - Final Plan Review - Arcadia off of SR 1536

Mitchell-Westendorf, P.A. 1709 Legion Rd., Suite 201 Chapel Hill, N.C. 27517

Dear Mr. Mitchell:

The N. C. Department of Transportation, Division of Highways has reviewed the construction plans as submitted to this office and approval is granted subject to the following stipulations and recommendations:

- 1. All Construction is to be in accordance with the details and changes in ted as shown on the plans. Note that the K-value at sta 15+14.2 must be changed to a minimum of 30 on all subsequent plans and the plan sheet submitted to this office.
- A driveway permit has been previously issued.
- 3. The entire 50' right of way is to be cleared and grubbed throughout the whole phase of the project. Please be aware that the areas within the sight distance quadrants are to be treated as right of way.
- 4. All soil axeas within the proposed right of way and any other soil areas disrurbed during construction shall be seeded and mulched immediately upon completion of toadway construction. The seeding shall be done as outlined in the seeding specification attachment.
- 5. The crossline drainage is approved as proposed and redlined on the construction plans. If, however field conditions dictate any changes these shall be made. If any of the property owners desire to pipe their ditches within the proposed NCDOT right of way, please advise them that this work should conform to NCDOT specifications for this type of work (see attached). If any ditches are piped and not satisfactorily completed to NCDOT specifications, this could result in the road not being accepted for addition to the state maintained system of roads. Any ditches piped prior to addition to the state maintained system are subject to an encroachment agreement, as are utility companies, when the road is added.

P.O. BOX 1164, ASHEBORO, NORTH CAROLINA 27204 PHONE (336) 629-1423 FAX (336) 629-7228

- The typicals as shown in the plans, are approved.
- 7. The Division of Highways will only allow mailboxes, with non-rigid type post, such as 4" x 4" wooden or small diameter metal type on new additions. Brick columns or mailboxes on rigid stands such as block, stone or any other type deemed to be a traffic hazard will not be allowed within the right of way. This policy applies to all roads being considered for addition to the State Maintained System.
- 8. An erosion control plan shall require approval from Chatham County. The developer should forward this plan to Mr. Jim Willis, Erosion and Sediment Control Officer, 80 East, P.O. Box 130, Pittsboro, N.C. 27312, phone (919) 545-8343 for his review and approval.
- 9. As this subdivision is proposed to be public and is likely to be requested to be added to the state maintained system of toads, the developer will be responsible for providing a PE Certification, (See Attached) and testing results for base and asphalt density stating that the streets have been built in accordance with the most current "Subdivision Roads: Minimum Construction Standards" manual and with the attached approved plans. Please be advised that this PE Certification does not approve the road for addition to the State Highway System for maintenance. When the proper home density is achieved and roads have been satisfactorily maintained, the developer or property owners must submit Form SR-1, Petition for Road Addition (copy attached to this correspondence), and four (4) copies of the recorded plat to request that the road or roads be added to the State Highway system. Any maintenance problems found when the road is requested to be added must be repaired by the developer prior to the road becoming state maintained. As stated in GS 136-102.6, final acceptance by the Division of Highways of the public streets and placing them on the State highway system for maintenance shall be conclusive proof that the streets have been constructed according to the minimum standards of the Board of Transportation.
- 10. The developer shall comply with all applicable local, state, and federal environmental regulations, and shall obtain all necessary local, state, and federal environmental permits, including, but not limited to, those related to sediment control, stormwater, wetlands, streams, endangered species, and historical sites.
- 11. A properly completed Verification of Compliance with the Department of Environment and Natural Resources (DENR) (page 35, attached) must be submitted prior to the road(s) being considered for addition to the NCDOT System.
- 12. In preparing the final plat for certification by this office and subsequent recording, the following information will be incorporated:
 - A. The sight distance quadrants at the intersections shall be shown either as a public easement or as the property line.
 - Public easements for drainage throughout the development.
 - C. All roads shall be shown as public and the right of way width shown.

PAGE 04

05/11/2007 14:48 336-629-7228

- 13. If the plans of this subdivision change in a way that would cause a change in the classification of these roads from Local Residential to Residential Collector the developer will be responsible for upgrading roads to meet Residential Collector standards prior to addition the state maintenance system.
- 14. This approval does not approve the utilities within this subdivision. Any utilities shall be submitted for approval to this office via a properly executed Encroachment Agreement to be approved at the time the roads within the subdivision are petitioned to be added to the state system for maintenance. Please note that water valves should be located a minimum of 6' from edge of pavement, fire hydrants should be behind the right of way line and all service taps should be installed prior to paving.

If you have any further questions regarding this matter, please do not hesitate to call this office at (336) 629-1423.

Reuben Blakleger

Reuben Blakley, PE District Engineer

REB/jeb

Attachments

cc: Mr. Tim Johnson, P.E., Division Engineer Mr. B.F. Sloan, County Maintenance Engineer File



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY. GOVERNOR **DIVISION OF HIGHWAYS**

LYNDO TIPPETT SECRETARY

April 20, 2007

Chatham County

County Driveway Permit File Number 19-715 (Arcadia Subdivision

Subject: Commercial Driveway Permit Application with Entrances on SR 1536

Mr. Bruce W. Curtis 2342 Castle Rock Farm Rd. Pittsboro, NC 27312

Dear Mr. Curtis:

Personnel assigned to this office have conducted a review of the permit Application and approval is granted subject to the following stipulations:

- 1. The entrances onto SR 1536 is to be constructed in accordance with the attached detail sheet.
- 2. The entrances onto SR 1536 shall be paved for at least 50' along the centerline of the entrance.
- 3. The entrances onto SR 1536 shall require radii on each side of the driveways as shown on the attached drawing.
- No parking or outdoor advertising (signs) shall be allowed inside the right of way of SR 1536.
- 5. Any areas inside the right of way disturbed during construction shall be seeded and mulched immediately upon completion of construction. Upon completion of construction, final approval by the District Engineer is required prior to opening the access connection for public use (page 9 Driveway Manual).

Attached to this correspondence please find an approved copy of TEB Form 65-04 (Driveway Permit Application - N. C. Department of Transportation). Upon completion of the driveway entrance construction please notify the Chatham County Maintenance Department (Phone 919-742-3431) so a final inspection of the entrance can be made.

Yours very truly,

R. E. Blakley, P.E. District Engineer

REB/jek Attachments

Cc: Mr. Timothy Johnson P.E., Division Engineer

Mr. B.F. Sloan, County Maintnance Engineer

File

N.C. DEPARTMENT OF TRANSPORTATION APPLICATION IDENTIFICATION Driveway Date of STREET AND DRIVEWAY ACCESS Application Permit No. PERMIT APPLICATION Chatham County: Development Name: Arcadia Subdivision LOCATION OF PROPERTY: Route/Road: SR 1536. Lamont Norwood Road 3800 Exact Distance SEW ⊠ Feet SR 1537 and Route No. SR 1536 Toward west From the Intersection of Route No. Property Will Be Used For: 🔯 Residential /Subdivision 🔲 Commercial 🔲 Educational Facilities 🗎 TND 🗎 Emergency Services 🗎 Other City Zoning Area. Property: is is not within Any **AGREEMENT**

- I, the undersigned property owner, request access and permission to construct driveway(s) or street(s) on public rightof-way at the above location.
- I agree to construct and maintain driveway(s) or street entrance(s) in absolute conformance with the current "Policy on Street and Driveway Access to North Carolina Highways" as adopted by the North Carolina Department of Transportation.
- I agree that no signs or objects will be placed on or over the public right-of-way other than those approved by NCDOT.
- I agree that the driveway(s) or street(s) will be constructed as shown on the attached plans.
- I agree that that driveway(s) or street(s) as used in this agreement include any approach tapers, storage lanes or speed change lanes as deemed necessary.
- I agree that if any future improvements to the roadway become necessary, the portion of driveway(s) or street(s) located on public right-of-way will be considered the property of the North Carolina Department of Transportation, and I will not be entitled to reimbursement or have any claim for present expenditures for driveway or street construction.
- I agree that this permit becomes void if construction of driveway(s) or street(s) is not completed within the time specified by the "Policy on Street and Driveway Access to North Carolina Highways".
- I agree to pay a \$50 construction inspection fee. Make checks payable to NCDOT. This fee will be reimbursed if application is denied.
- I agree to construct and maintain the driveway(s) or street(s) in a safe manner so as not to interfere with or endanger the public travel.
- I agree to provide during construction proper signs, signal lights, flaggers and other warning devices for the protection of traffic in conformance with the current "Manual on Uniform Traffic Control Devices for Streets and Highways" and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the District Engineer.
- I agree to indemnify and save harmless the North Carolina Department of Transportation from all damages and claims for damage that may arise by reason of this construction.
- I agree that the North Carolina Department of Transportation will assume no responsibility for any damages that may be caused to such facilities, within the highway right-of-way limits, in carrying out its construction.
- I agree to provide a Performance and Indemnity Bond in the amount specified by the Division of Highways for any construction proposed on the State Highway system.
- The granting of this permit is subject to the regulatory powers of the NC Department of Transportation as provided by law and as set forth in the N.C. Policy on Driveways and shall not be construed as a contract access point.
- I AGREE TO NOTIFY THE DISTRICT ENGINEER WHEN THE PROPOSED WORK BEGINS AND WHEN IT IS COMPLETED.

PR 1 9 2007

DIVISION 8 DISTANCE

DEPT. OF TRANSPORTATION

	SIGNATU	IRES OF APPLICAL	NT
COMPANY SIGNATURE ADDRESS	PROPERTY OWNER (APPLICANT) Bruce W. Curtis 2342 Castle Rock Farm Road Pittsboro, NC 27312 Phone No. 919 5	NAME SIGNATURE ADDRESS 42 5902	MITNESS A Douglas P. Leon * D Sungland Leonard 637/Silverberry P: HSbeco NC 27312
COMPANY SIGNATURE ADDRESS	AUTHORIZED AGENT Phone No.	NAME SIGNATURE ADDRESS	WITNESS
	٩	APPROVALS	
APPLICATION A	SIGNATURE SIGNAT	「Y (when required)	4-19-07 DATE
	SIGNATURE	TITLE	DATE
•	E BOLLES (FEX) SIGNATURE		4-20-07 DATE
NEDECTION DV	NCDOT		
INSPECTION BY			
BY	SIGNATURE	TITLE	DATE



CHATHAM COUNTY PUBLIC HEALTH DEPARTMENT Division of Environmental Health Soil Erosion and Sedimentation Control

April 30, 2007

LETTER OF APPROVAL

Bruce Curtis 2342 Castle Rock Farm Road Pittsboro, NC 27312

RE:

Project Name: Arcadia Subdivision

Project Number: 2007-007

Acres approved: 2.8

Total Acres: 60

Submitted By: Mitchell Westendorf, PA

Date Received: 4-5-07

Dear Sir or Madam:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire two (2) years following the date of approval, if no land-disturbing activity has been undertaken.

Section 6 (I) of the Chatham County Sedimentation and Erosion Control Ordinance requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Chatham County Sedimentation and Erosion Control Ordinance, this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCGO1000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed general permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. Please notify us when you would like to schedule a preconstruction conference. Notification shall be given at least 7 days prior to initiation of activity.

Your cooperation is appreciated.

Sincerely,

Jim Willis, CPESC

Chatham County Soil Erosion Control Officer

Enclosures: Certificate of Approval

NPDES Permit



Chatham County, North Carolina Certificate of Sedimentation and Erosion Control Plan Approval and Land-Disturbing Permit

For

ARCADIA SUBDIVISION

Project Name and Location

2007-007 Permit Number

The posting of this certificate certifies that an erosion and sedimentation control plan has been approved for this project by Chatham County, North Carolina in accordance with North Carolina General Statute 113A-57 (4) and 113A-54 (d)(4), the North Carolina Administrative Code, Title 15A, Chapter 4B.0007 (c) and as per applicable sections of the Chatham County Soil Erosion and Sedimentation Control Ordinance. This certificate must be posted at the primary entrance of the job site before construction begins and until establishment of permanent ground cover as required by North Carolina Administrative Code, Title 15A, Chapter 4B.0027 (b) and as per Chatham County's Erosion and Sediment Control Ordinance, Section 5 (d).

Responsible Person: BRUCE CURTIS Phone: 919-542-5902

This plan was approved with "modifications" \(\subseteq \text{Yes} \) \(\text{No} \) and \(\text{or} \) \(\text{"performance reservations" } \(\subseteq \text{Yes} \) \(\text{No} \).

Reviewer:

Date: 4-30-07

THE ORDINANCE REQUIRES THAT A COPY OF THE EROSION CONTROL PLAN MUST BE KEPT AVAILABLE AT THE JOB SITE AT ALL TIMES FOR INSPECTION

SUBDIVISION:	rtadia .	· .	
DIRECTIONS: Go MANA	is chapel and 3mi	TUTH RT-LAMONT NOTWOOD	۵
		NUMBER: 542-5902 542-5767 elopment:	
Major Development: 15 Development with acreage	of 10 acreage of 10 acre	elopment:	
Proposed road names	OK to submit	DUPLICATED Do not Submit	
ARCADIA LANE		and the second s	
		•	
		The state of the s	
DATE SUBMITTED TO E SUBMITTED BY:	m. Custo		
EOC OFFICER: DATE ROADS APPROVE	se suits		
DATE FINAL PLAT REC	EIVED:		
DATE GIVEN TO 911:			
SURROUNDING COUNT	Y CONTACTED:		
PERSON SPOKEN WITH COMMENTS:	15		
· :		-15 cd 3719/02	



Jan 12 07 04:15p Jan 12 2007 4:25PH HP LASERJET 3330

P.1_

SUBDIVISION: ARCADIA	<u>.</u>	٠.
		No.
DIRECTIONS: Turn left Jones Ferry - property	ON TO CATMON (TO WOOD OFF
JONES LEVEL - PLOPERING	1/3 MI ON /	711
DEVELOPER: Bruce Cyr	TIS PHONE N	UMBER: 919-542-5907
Major Development: X	Minor Devel	opwent:
Development with acreage of 10	acreage of 10 acres	or more:
Proposed road names	OK to submit	DUPLICATED Do not Submit
DORIAN Drive		
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	*************************************	•
DATE SUBMITTED TO EOC	1-12-07	
SUBMITTED BY: Bruce C		
EOC OFFICER: Sugar (haus	
DATE ROADS APPROVED:	1-12-07	
DATE FINAL PLAT RECEIV	ED:	
DATE GIVEN TO 911:		
DATE CONTACT MADE YVI		
SURROUNDING COUNTY C	ONTACTED:	
PERSON SPOKEN WITH:		
GOMMENTS:		
_		
}) (rsed 4719/02

FAXED

Bune W. Curtis

226 S. Churton St., Hillsborough, NC 27278 (919) 732-6262 FAX (919) 644-1177 email: steve@entlandsurveys.com

May 10, 2007

Dr. Ann Y. Hart, Superintendent Chatham County Schools P.O. Box 128 Pittsboro, NC 27312

RE: Arcadia

Dear Dr. Hart:

Enclosed is a Preliminary Plan for the proposed Arcadia subdivision on Lamont Norwood Road. We have applied for preliminary plat approval, and request comments from the school system concerning the planned road system.

Please contact me with any questions or comments. Comments should also be forwarded to Lynn Richardson, Chatham County Planning.

Very truly yours,

Steve F. Yuhasz

enc.

cc: Bruce Curtis



May 11, 2007

Steve Yuhasz, PLS ENT Land Surveys, Inc. 226 S. Churton Street Hillsborough, NC 27278

Re: Arcadia Subdivision, Chatham County Existing CMP driveway culvert

Dear Steve:

We were asked to evaluate an existing driveway culvert located on the property that is proposed as Arcadia Subdivision in Chatham County. The property is located on Lamont Norwood Road. The existing corrugated metal pipe is functioning properly today based on a visual inspection. The existing pipe is under a driveway that will serve proposed lots S2-10 and S2-11. The pipe should be adequate for construction traffic expected for construction of the houses on these 2 lots.

Please do not hesitate to contact us if we can provide any additional information on this matter.

With best regards,

Warren D. Mitchell, PE