

PRELIMINARY SUBDIVISION PLAN APPROVAL **APPLICATION**

Submit required documentation to: Wake County Planning Department/Current Planning Section PO Box 550 Raleigh, NC 27602-0550

Wake County Office Building 336 Fayetteville Street Mall, Downtown Raleigh

Contact Current Planning at (919) 856-6216 for additional information.

File# \$1000.00 Fee Amt Paid Check # Rec'd Date Rec'd By

Name of Subdivision
MAGNOLIA POND
() cluster subdivision (x) lot-by-lot subdivision
Has a preliminary plan previously been approved for subdivision of this site? () Yes (≺) No
If yes, when and under what name? \(\frac{\mathcal{\lambda}}{\mathcal{\Lambda}}\)
Property
Parcel Identification Number: 1797 09 9320
Address: HOPKINS CHAPEL ROAD
Location: WEST side of HOPKINS CHAPEL ROAD , at/between (street)
DUKES LAKE ROAD and FOULER ROAD (street)
Total site area in square feet and acres: 32.725 Ac. square feet 1,425,501 5.F. acres
Zoning District(s) and Overlay Districts (if any) and land area within each:
PAOW WATERSHED OVERLAY - WSO-ZNC (WS-II)
Conditions of any Conditional Use Zoning Districts:
Present land use(s): AGRICULTURAL (FORMERLY)
Property Owner
Name: JAMAL ALAVI (HIGHLAND BUILDERS)
Address: P.O. Box 25091
City: Raverail State: NC Zip Code: 25091 27611
E-mail Address: JAM ALAYI @ YAHOO. com FAX: 919 676-8785
Telephone Number: 919 740-9627
relephone Number. 140 1601
Applicant (person to whom all correspondence will be sent)
Name: TERRY BOYLAN RLA (ESP ASSOCIATES P.A.)
Name: TERRY BOYLAN RLA (ESP ASSOCIATES P.A.) Address: 14001 WESTON PKWY.
City: Carry State: NC Zip Code: 275/3
City: CARY State: NC Zip Code: 275/3 E-mail Address: TBOYLAN @ ESPASSOCIATES. COM FAX: 919 677-1252 Telephone Number: 919 678-1070 Relationship to Owner: ELGINEER / PLANNER
Telephone Number: 919 678-1070 Relationship to Owner: ELGINEER / PLANNER

Proposal							
Max. allowable lot density st County Land Use Plan):		see Article	5, Unifi	ed Devel	opment Ordinar	nce, and	the Wake
Max. # of lots allowable*:	32			Propos	ed # of lots*:	21	
Min. allowable lot area*:	40,00	00	sf	Propos	ed min. lot area	*: 40	023 sf
Average lot area*: 50	551	1 7 1				•	sf
Min. allowable lot width*:	110		ft	Propos	sed min. lot widt	h*:/	10 ft
* If applicable, show for each zoning	district						
Min. open space standard (se	e Sec. 3.4	4.3(E)(1)):	(×) 10	% ()	25 % of site a	rea	
Min. open space area:		3.27					acres
Proposed open space area [b	y parcel]:	6.3	6				acres
Proposed open space use(s)	[by parcel]: PA:	SSIVE	RECRE	ation		
Proposed future developmen	t site area	[by site]: _	0				acres
Proposed impervious surface	s area: _	171,0	56				sf
Proposed impervious surface	coverage	(imperviou	s surfac	es area/s	site area x 100):	12	%
Site area w/in area of special	flood haza	ard (see Art	icle 14,	Unified D	Development Ord	dinance):	acres
within floodway: ϕ	acre	s					,
Recreation Ordinance							
Method of complying with Re dedication		rdinance*:	rese	rvation			fee
The amount of land to be de recorded. If fee is used, then \$120,000 subdivided into 20	the equiv	alent value	is used	. For exa	ample: 25 acres	with a ta	
Tax value of property (land or	nly) 122,	370 Total	# of pro	posed lo	ts 21 Tota	al # of aci	res 32.72
Calculate both: Estimate of	f recreation	n area requ	ired:	0.6	Ac		
Estimate of	f recreation	n fee requir	ed:	\$3491	0.28		
*Wake County Parks, Recreation a will be allowed.	nd Open Spa	ace Staff and	or Subdiv	vision Admi	inistration Staff will	determine	which option
Vehicular Access							
Names of access street(s) an	d number	of access p	ooints al	ong each	1: HOPKINS C	HAPEL	RO - ONE
					Access A	BINT	
Name of access or adjacent	Right-of-	Pavement	No. of	Paved?	Roadway design	Traffic	Est. traffic
street	way width (ft)	width (ft)	lanes	(Y or N)	capacity ¹	volume (ADT) ²	generated (ADT) ³
HOPKINS CHAPEL ROAD	60	24	2	Y	11,000 VPD	1000	250 VPD
						VPD	

See NCDOT Highway Capacity Manual or Wake County Thoroughfare Plan Appendix

² See CAMPO web site (www.raleigh-nc.org/campo) or contact NCDOT Traffic Survey Unit

³ Base on Institute of Transportation Engineers ratios - ratio used for estimate (e.g., x trips per y sf)
Estimated traffic generated by heavy vehicles (vehicles other than automobiles and light trucks):
Type of vehicle: GARBAGE DEUVERY TRUCK ADT: <1 VPD Type of vehicle: ADT: <1 VPD
Type of vehicle: ADT:
Utilities and Services
Water supply provided by: () municipal system (
() community system (Community WELL-HEATER UTILITIES) () individual well(s)
Estimated total water demand:gpd
Wastewater collection/treatment provided by: () municipal system (
(X) community system – specify type(ABSORPTIO
Estimated total wastewater discharge:
Solid waste collection provided by: PRIVATE CONTRACTOR
Electrical service provided by: Progress ENERGY Underground (X) yes () no
Natural gas service provided by: RBUC SERVICE OF NC
Telephone service provided by: BELL SOUTH Underground (X) yes () no
Cable television service provided by: TIME WARNER Underground (X) yes () no
Fire protection provided by: WAYE COUNTY
Miscellaneous
Generalized slope of site: SLOPES TO STEKAM LOCATED ALONG CENTER OF SITE
Valuable natural features (rare plant community, wildlife habitat, lake, stream, geology, etc.) on or adjoining site: STEKAM, FARM POLO
Valuable historic resources (homestead, mill, archeological site) on or adjoining site:
Land Use Plan Classifications
General Classification (note associated municipality and/or watershed):
() Short-Range Urban Services Area/Water Supply Watershed
() Short-Range Urban Services Area
() Long-Range Urban Services Area/Water Supply Watershed
() Long-Range Urban Services Area
(X) Non-Urban Area/Water Supply Watershed LITTLE RIVER WATER SUPPLY WATERSHED
() Non-Urban Area
Land Use Classification(s) (Note Area Land Use Plan, if applicable):

Other information (additional relevant information about the site or proposal you wish to note or cite)
All property owners must sign this application unless one or more individuals are specifically authorized to act as an agent on behalf of the collective interest of some or all of the owners (provide a copy of such authorization).
The undersigned property owner(s) hereby authorize the filing of this application (and any subsequent revisions thereto). The filing of this application authorizes the Wake County staff to enter upon the site to conduct relevant site inspections as deemed necessary to process the application. Signature: Date: 8124, 07
Signature: Date: 8/24/07
Signature: Date:
Signature: Date:
The undersigned applicant hereby certifies that, to the best of his or her knowledge and belief, all information supplied with this application is true and accurate.
Signature: Jenene B. Lay In Date: 3/24/07

Notes: All documents and maps submitted as required become the property of Wake County. The Wake County Unified Development Ordinance is on the web at www.wakegov.com. All application fees are non-refundable.

Project Tracking Form Regular Subdivision/Variance

Project Name: Magnolia Pond

Initial Submittal Date: August 28, 2007

Optimal Review Cycle Code: 8a

DRS Meeting Date: October 11, 2007

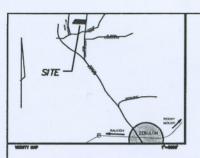
DRS Comments Finalized & Distributed: October 17, 2007

Revised Application Submittal Date: November 2, 2007

Planning Director Decision Date (if applicable): November 19, 2007

Planning Board Meeting Date(s)(if applicable): December 19, 2007

Note: Schedule is subject to change if one or more of the above deadlines are not met.



CURRENT PARCEL CHARTER(S):

PA: (MAS) 676-6765 PROJECT CONTINCE JUNE ALANS, P.E.

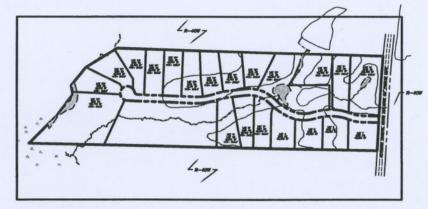
WHEERING/GLITHET DING/FLANGENG/

PROJECT CONTINCE TERRY BOYLAN, RLA

BINGSONABITAL and GROTECHISCAL CONSULTANT

MAGNOLIA POND

WAKE COUNTY, NC PRELIMINARY LOT BY LOT SUBDIVISION PLANS



1

1 GENERAL SITE PLAN

IMPERVIOUS SURFACE CALCULATION GROSS SITE AREA 32,725 Ac IMPERVIOUS at 12% 3.927 Ac 171,000 SF EFFECTIVE LENGTHS FOR AREA CALCULATION MAGNOLIA WAY NO 86 ENTRANCE START STA 0+58.66 END STA. 17+11.95 36,452 SF -0+21.35 0+58.66 2.546.SE 2 546 SE SEPTIC FIELD ACCESS OR WELL SITE 2,518 SF samp house 144,0 SF 2.662 SF SUB-TOTAL IMPERVIOUS 47.850.8 SF 123,396 SF GRAND TOTAL IMPERVIOUS 171,055 8 SF

LOT No.	AREA at	AREA at
1 .	46,811	5,876
2	42,226	5,675
3	40,838	5,878
Constitution and	60,395	5,876
5	40,023	5,676
8	40,083	5,676
7	40,692	5,878
В	80,473	6,876
9	46,277	5,876
10	55,700	5.876
11	56,833	5,876
12	41.001	5,876
13	41,186	5,876
14	41,493	5,676
15	41,111	5,876
16	40,977	5,876
17	40,636	5,876
18		5,876
19	40,908	5,876
20	40,835	5,876
21	153,775	5,876
British 188	per partie	
Participation	N. 3480 S.C.	
	Lots	Impervious
Total Area :	24,870 Az	123,300 SF
Avg Lot Area	50,551 SF	
Max Lot Area	153,775 SF	
Min Lot Area	40.023 SF	

LOT BY LOT SIZE AND IMPERVIOUS

LOT IMPERVIOUS

MAGNOLIA POND SUBDIVISION
RABN / WSO DIC (WS.B)
RABN / WSO DIC (WS.B)
LIBIO River in Nesse Flow Sasin
WS.B / HOW / NSW GENERAL INFORMATION EXISTING LAND USE PROPOSED LAND USE FORMER AGRICULTURAL Single Family Residential, Lot by Lot Subdivision OVERALL ACREAGE OF EXISTING TRACT 32,725 As DISTURBED AREA NUMBER OF EXISTING TRACTS 0.38 At NO AMENTY SITE PROVIDED 1.89 Ac 90.77 Ac) 6.36 Ac 24.37 Ac 32.725 Aq OPEN SPACE INFORMATION REGIO OPEN SPACE AREA OPEN SPACE AREA PROVIDED a 1775 Ac a May of Late OWNER OF OPEN SPACE MAGNOLIA POND HOME OWNER'S ASSOCIATION DENSITY INFORMATION MINIMUM LOT SEE REQUIRED BY DODS in one or 0.918 As MINIMUM LOT SEE PROVIDED MAXIMUM LOT SEE PROVIDED AVERAGE LOT SEE PROVIDED 40.023 SF 153,775 SF 50,561 SF MINIMUM LOT FRONTAGE REQUIRED MINIMUM LOT WIDTH REQUIRED MAXMUM BURDING HEIGHT ALLOWED HENNUM BUILDING SETBACKS BUFFER AREAS
STREAM BUFFER AREA - 1646
STREAM BUFFER AREA - 1646
STREAM BUFFER AREA - 0.S. & ROW (mg 18,586 SF per Lot) IMPERVIOUS AREAS

MAX IMPERVIOUS COVERAGE ALLOWED

12% of pass including takes and ponds

NPERV, AREA - STREETS & IMPR.

IMPERVIOUS AREA - LOTS 3.927.64 171 040 55 1,004 Ac 2,00 Ac 47,658.8 SF 123,400 SF AVG. MPERVIOUS AREA PER LOT (pross)
AVG. MPERVIOUS AREA PER LOT
(fines and others budie)
TOTAL IMPERVIOUS AREA CREATED 171,054 SF RECREATION REQUIREMENTS MEGREATION AREA REQUIRED
RECREATION AREA PROVIDED EXISTING RAILROAD R.O.W.

Magnolia Pond - Site Development Data



3 SITE DATA TABLE

INDEX OF SHEETS

COMER SHEET

MI — NOTES

DI — ONLOLLATIONS

DOT — ENSTRING CONDITION

PPI — PRELIMINARY PLAT

UI — UTILITY PLAN

BENELOPER

EEP ASSOCIATES, PA

SUPPLETOR

HIMPLAND BULDERS, INC.
PO SOIT 20001
RALBIRL, NO 27041
Phi: (1010) 670-6705
Phi: (1010) 670-5705
PROJECT CONTROL JAMAL ALANS, P.E.

DATE: AUGUST SS, 2007 RESUMMITIES:





2 LOT DATA TABLES

SHEET 1 VA39_COV.DWG

STORM WATER

- I, BECAMBE THE PROJECT IS LOCATED WITHIN THE LITTLE PRINT WITHIN SUPPLY WITHINSTEIN, AND THAT THE LAND LIKE IS JOHNS FOR MACH, WOL.—MIC (WAS ALL, WASC COLUMY) WINTER CALLIFY PRINCIPAL MICLIES THAT THE PROJECT COST, AND AND MICHAEL STATE OF THE STATE OF THE WASC COST OF THE WASC COST.
- 2 THERE ARE NO 100-YEAR PLOOD ZONER, AS MAPPED BY PEDERAL EMERGENCY MANAGEMENT ASSISTY (FEM.),
- 3.FLOOD HAZARD SOLD.

 A. LOTS AND O'RM SPACES WITH AN ASTRONON "F CONTROL FLOOD HAZARD SOLD AS EXTENSAND BY THE BRIEF COUNTY LLOO. AND, O'R AS FILLD VERWIND BY THE CARDA GROUP (LICENSED SOL SCHOTIST).
- BLEFORE ACCUSING A BULDING PERMIT FOR LOTE IMMORD WITH AN ASTERIOR "", THE BULDER MAY HEED TO GETHIN A FLOOD INJURIO MEEA HEE FEMBLE FROM WHISE COUNTY ENGINEERING, SETWICES, THE BULDER'S ENGINEERING MEEL MEET, WHICH SUMMY
- C.PLOOD STUDY APPROVALS, IN PLAL CONFIDENCING WITH WINE COUNTY ENVIRONMENTAL SERVICES' REQUIREMENTAL ARE REQUIRED PRIOR TO CONSTRUCTION PLAN APPROVAL POR ROADS, GREENING OR ANY ACTIVITY LOCATED WITH PLOOP HEADED SOLS.
- D. THERE SHALL BE NO PILLING, OR THE SHEDTICH OF PERMANENT STRUCTURES, IN THE AMERIS OF BANE COUNTY PLOCO MAZAND SCILE, OR PENA 100-YEAR PLOCO ZONES UNTIL A PLOCO STUDY IS APPROVED BY WHISE COUNTY AMERICAN PENA.
- A PRE-DEVELOPMENT AND POST-DEVELOPMENT STORMEN THE GALCULATIONS WILL BE SUBMITTED TO WANT FOR REVERY AND APPROVAL PRIOR TO WANT COUNTY SESSING CONSTRUCTION FLAN AND FRAIL PLAT APPROVALS.
- BLOCKTOK, THE AND DIMENSIONS/ON-ACTICS OF STORMULTER MANAGEMENT STRUCTURES AND DEVICES WILL BE SUBSTITED TO MANE COUNTY FOR REVIEW AND APPROVAL PROOF TO MANE COUNTY ISSUES CONSTRUCTION FLAN AND PIBM. PLAT APPROVAL
- A ACTIVISES ALLOWED WINDS REDURED INSTRUMED SUFFERS AND DISABASE MAY SUFFERS
- A. ROAD CROSSINGS (PUBLIC OR PRIMATE ROADS), PROVIDED:
- 1. NO ALTERNATIVE TO THEIR LOCATION IN THE BUFFER DISTR.
- 2. BUPPER DISTURBANCE DOES NOT EXTEND BEYOND THE REQUIRED RIGHT-OF-MAY OR EASEMENT NETH, OR M NO CASE IS MORE THAN 80-PET MOR.
- 3. BUFFER DISTURBANCE IS NO MORE THAN 8000 SQUARE PLET IN AREA.
- 4. THE ROAD CROSSES THE SUPPER AT AN ANGLE AS CLOSE TO SO-DEGREES AS POSSIBLE (AND HOT LESS THAN 60-DEGREES).
- 8. SIDE SLOPES DO NOT EXCEED A 2 HORSCHTAL TO 1 MERTICAL PARTO (SINDAMA AND/OR RETARINO WILLS MAY SE USED TO MEET THIS AND THE DISTURBANCE WIDTH STANDAMO).
- 8. ALL CULVENTS ARE DESIGNED AND CONSTRUCTED FOR THE 26-YEAR STORM EVENT, OR AS OTHERWISE REQUIRED BY MAKE COLUMN EXPROMEDIAL SERVICES.
- B. DRIVERBY GROSSINGS THAT ACCESS SINGLE-FAMILY DISELLINGS, PROVIDED:
- 1. NO ALTERNATIVE TO THEIR LOCATION IN THE BUFFER (INCLUDING OPPORTUNITY FOR SHARED DRIVETINGS)
- 1. SUPPER DISTURBANCE IS NO MORE THAN 60-PIET HIDE
- 3. BUFFER DISTURBANCE IS NO MORE THAN 6000 SQUARE FEET IN AREA.
- 4. THE DIVINESHINY ORDSIES THE SUPPER AT AN ANGLE AS CLOSE TO SO-DESIREES AS POSSIBLE (AND NOT LESS THAN SO-DESIRES).
- A. SIDE SLAPES DO NOT EXCESS A 2 HORIZONTAL TO 1 MERTICAL RATIO (BRIDGING AND/OR RETAINING WALLS MAY BE USED TO MEET THIS AND THE DISTANBANCE WIDTH STANDARD).
- 8. ALL CILIERTS ARE DESIGNED AND CONSTRUCTED FOR THE 26-YEAR STORM EVENT, OR AS OTHERWISE REGISTED BY WAVE COUNTY ENGINEERING, SERVICES,
- 7. ALL ACTIVITIES LOCATED IN THE REPARAN BUFFERS MILL REQUIRE NO STATE DASSON OF MATER QUALITY APPROAMS, PRIOR TO RIGHL PLAT.
- B. ALL BOX. AND BROSSON CONTROL RESULATIONS BY TOME COUNTY TILL BE COMPLED WITH. DETMAS
 MILL BE SUBMITED FOR TIME COUNTY BENEVAND APPROVAL PRIOR TO CONSTRUCTION.

RECREATION

1. THE BINNE COUNTY RECREATION LAND DESIGNTION ORDINANCE REQUIRES 0.60 ACRES OF THE SUBDIVISION OF DIP RECREATIONAL PURPOSES (1/38 ACRE X 21 LOTS — 0.60 ACRES). AREA RESERVED FOR PASSES EXCENSED — 0.38 ACRES OF THE

TREE CONSERVATION AND OPEN SPACE

- L DISTRICT THESE AND MERCHINGL LOCATED AS SOF MICE MOST OF BMY SUPPRISE SHOWN ON FLANE SHALL SEPTIMETED FROM CONTROLLED A CENTRES SY THE PROSECUTION FOR SHAPE OR SHAPE COUNTY GOO SECTION FILE—A MY THESE LOCATED IN THESE SUPPRISE DAMAGE DURING STATEMENT ACTURED SHALL BE REPLICED TO A MIND OF OLD CAUSED BOY OF SHEET BEST PAIR IS CAUSED BOY ACTURED SHALL BE REPLICED TO A MIND OF OLD CAUSED BOY FROM SHAPE SHAPE OF CAUSED BOY ACTURED AND ACTURED TO THE SHAPE OF SHAPE SHAPE BOY RECORDED TO THE PROSECUTION OF THE SHAPE OF
- 2.0789 SPACES INVESTIGATED ON PLANE THAT HAVE BROWN AS AN ACTIVE RESIDEATIONS, THE "SHALL BE AMERICANED AS ARE ASSEMBLE ASSEMBLE

EXISTING CONDITIONS

- 1. DISTING TOPOGRAPHIC PEATURES AND CONTOURS ARE MAPPED PROM DATA COMPILED FROM WIVE COUNTY GR, NO DOT GR AND PORTIONS THAT HAVE BEEN LAND SURMENED BY CANTRONNE MOSS, PARTITIA.
- SEDERING FLOOD PROME SCALS ARE MAPPED FROM THE CANDAM GROUP'S (LICENSED SCAL SCHOTTST) SCALS SUPPLEATED FROM FOR ON-SHE SEPIC DEPOSAL SYSTEMS. SCALE FLOOD PROME SCALS LOCATIONS ARE ADJUSTED TO MANY IN TRANSMANCE CONTINUES.
- S.EXETTING METLANDE ARE MAPPED PROM CAMPRIONE MORE DELINCATIONS THAT MILL BE USED TO OBTAIN US ARMY CORPS OF ENGINEERS AND INC. DIVISION OF MATER QUALITY IMPACT PERMITS.
- A THE PROPERTY BOUNDARY IS MARRED FROM CAMPACHINE MORE PANTERA.
- B.ALL ENSING LAND UNES IN AND SURROUNDING THE PROPOSED DEVELOPMENT ARE ZONED RIGHL AND ARE WITHIN THE 1800-SHC (183-4) LITAL RIVER WATER SUPPLY WATERSHED.

ROADWAYS

- 1. ALL ROADS WITHIN THIS PROPOSED SUBDIVISION SHALL SE PLIELIC WITH 46-POOT WIDE REINTS-OF-WAY, 30-POOT WIDE ASPHALT RESION PARESENT WITH SIDE SHALES.
- LROADINY GEOMETRY, CONSTRUCTION AND APPURIEDANCES WILL BE RISTALLED IN ACCORDANCE WITH HC DOT STAMBANDS AND WASE COUNTY SUBDINISTAN ORIGINANCE SECTION 8—31 REQUIREMENTS, AS APPLICABLE FOR PRIVATE ROADS.
- A PROPOSED STREET HAMES WILL BE APPROVED BY MAKE COUNTY 615 PRICE TO FINAL PLAT APPROVAL.
- S.AN NC DOT PERMIT FOR THE NEW PUBLIC ROAD CONNECTION WITH HOPKING CHAPEL ROAD WILL BE RECURRED PRICE TO CONSTRUCTIONS.

UTILITIES

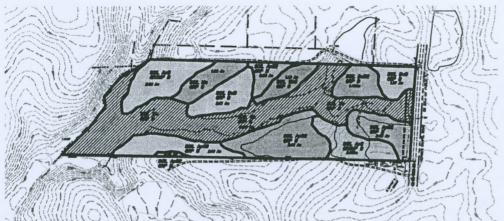
- ANY DESIGN WITH MILE AND WASHINGT SETTE STREET ON THE PROPERTY MILE MANDOWS IN CONFILE ACCOUNTS WITH A MEN COUNTY OWN TREST OF STREET, AND AND AND ANY OWN THE PROCESSOR AND REPORTED REQUIRED AND ANY STREET PROCESSOR AND REPORTED REQUIRED AND ANY STREET PROCESSOR AND REPORTED REQUIRED AND ANY STREET PROCESSOR AND ANY STREET ANY STREET AND ANY STREET, AND ANY STREET AND ANY STREET, AND ANY STREET AND ANY STREET, AND ANY
- 2. HE FROYOND IN THE POTTEM IS A SHALL COMMETTY THEL, CHINED, OPERATED AND MARTINAED BY A PROVINCE ON THE PRODUCT HELD AND PROVINCES. ALL COMMENTS HELD THE PRODUCTS. ALL COMPANIES HELD SHALL BE ANDRESSO TO, MAY HAVE A PRODUCT BY THE PRODUCT BY THE ACCOUNT AND STATE OF THE PRODUCT BY THE ADDRESS OF THE ADDRESS
- 3. THE PROPOSED SUSTEMMEN SYSTEM AS TO SEE A COMMUNICATION OF HOMES WITH OH-STIE SEPTIC TANKS AND STOCKED ASSOCIATION SYSTEMS AND HOMES WITH OH-STIE SEPTIC TANK/STYLLENT PURP SYSTEMS STRINED BY A COMMUNITY SHOULD ASSOCIATION SYSTEMS
- THE COMMONITY SEPTIC STREAM PLANTED THE GROUPS ASSOCIATION SYSTEM TO HANGLE SPELIEST FROM MALERIEL PROSESSATION SYSTEM TO HANGLE SPELIEST FROM MALERIEL PROSESSATION SYSTEM, WITH THE PROPERTY SET LICE THAT SHE SHOWN AND PROSESSATION SYSTEM. WITH THE REMAINSMENT PROSESSATION OF THE SHOWN OF THE SHAP STREAM STRE
- BALL APPLICABLE PROVISIONS OF THE INVECTORATY LLD.C. (INCLIDENC APPLICE 12) AND TREBLATIONS COMMINEN STRING THAT THE DESTRUCT AND INTERPRETATION COMMINENCE (INCLIDENCE ALTOS) CONTRACTOR OF THE RESIDENCE ADSOURCEMENT AND THE APPLICATIONS AND LEE AMORTION DISTRICT APPLICATIONS OF THE COLUMN TO AN ADMINISTRATION OF THE COLUMN AND STATE AUTHORISES. LLD.C. TOCKNOWN DISTRICT AND ADMINISTRATION STATE AUTHORISES.
- BARDSHIE MEAN ON BOM LOT FOR SETTIC STOCKE ARROWTED STITLES THE SE COORDINATE STITLE AND APPROVED OF SHEEL CONTROL PERMANENT. STITLES, EVEN APPROVED STILL STEELS, EVEN APPROVED STILL STREET, EVEN APPROVED STILL STOKES ARE CONSISTED FOR SETTIC GROUND, ABSOURTED, SILL APPROVED SILL ALSO SE CONTROL DESCRIPTION.

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Wa



	AREA Ac	SOIL GROUP &	SOL GROUP D	SOIL GROUP D
	2800000	2.72 2.09	1.52	11.00
	DECEMBER OF	3.40	NOTE OF STREET	#6555E
	CW2731.748	25 100 19325	059564686	MER ARLESS
	900239790	020000000000000000000000000000000000000	F694.5503-2000	195 45810679
	PERFECT NO.	11 644 (1930 S)	9244940B	MEDIAL MA
	SERVE BE	15550000	\$1,361,6-46	\$55.55 (Sec.
Total Area (AC.)	0.00 As	11.39.74	LSPA:	TEREAL
PERCENT	0%	50%	5%	39%

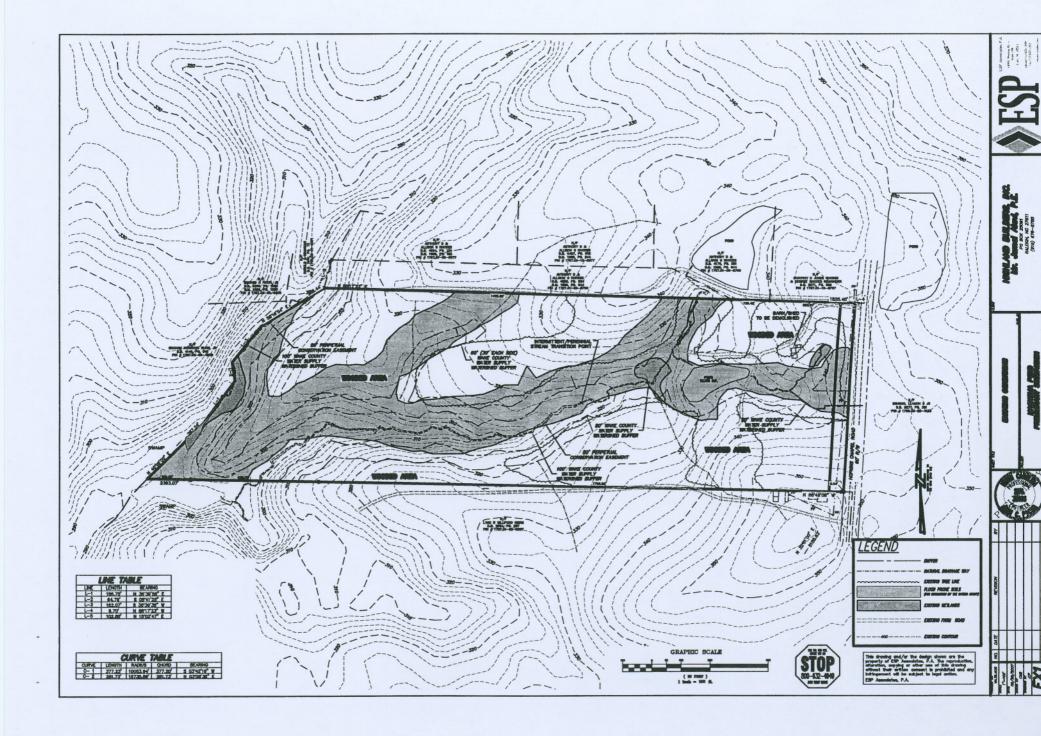
WAKE	Stormwater	Manag	gemer	t Plan		Project No.: Date: Designer:	VA36 8/28/2001 PICHA
	TARGET	GURVE	NUMBE	RCALCUL	ATION		(4)
	Wake Cou	nty Tarq	get Gurv	e Numbers			
	Zoning District	A	8	C	0	1	
	R-80W and R-80	3.7	60	73	79	1	
	R-40W and R-40	41	62	75	80	1	
	R-30, R-20, R-15, R-5	43	63	76	81	1	
	Site Data: Total Site Area: Zorring District	32,73 R-40W	acres				
	Soil Composition						
	Hydrologic Soil Group A	Site Area	3	Target CN 41			
	8	18.39	56%	62			
	C	1.52	5%	75			
	0	12.82	100%	80			
	Target Curve Nur	nber:	7	0			

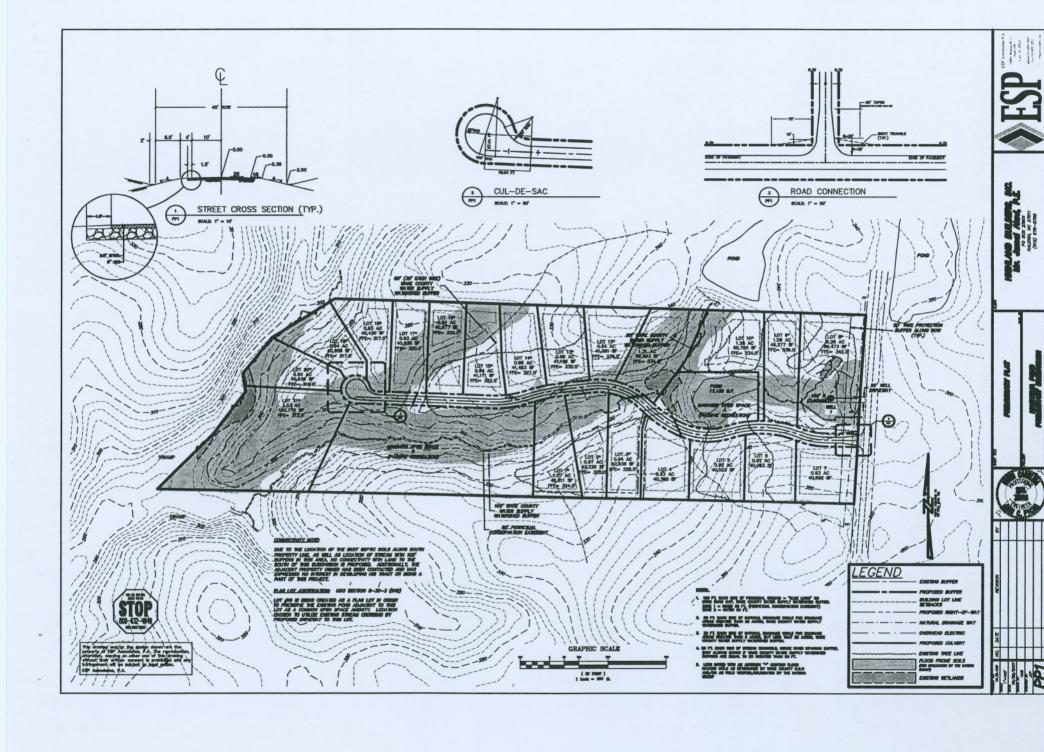
WAKE	S	tormwater Man 0	agement Plan		Project No.: VA39 Date: 8/26/29
COUNTY		0			Designet: PIO
		PR EL MIN	ARY PLAN SUBMITTAL		
	Site Data:				
		al Ste Area:	72.73	pores	
	2	ming District:	8-40W		
		reber of Lote:	21	2,000	
		Aree in RAVI:	1.90	acres	
		Area in RMI:	1,084	ecres	
		Vooded Area:	1.0	acres	
	(Cureton Open	Specia to remede t be reforested)			
		Open Space:	2.64	acres	
	(Gratinal Open				
		n Buller Area:	8.00	acres	
	(Name Plot	Buffer or Webs			
100	County West	reserve Buffled			
	Lot Data:				
	Total	Lot Acreage: (schol buffer)	16.28	erres	
	Imperious	Area per Lot:	5676	**	
	Assumed \	Vooded Area:			
		brood Table 3.1)	20	*	
1771		Vooded Area:			
	(Must be recorded		0.00000	80765	
	Ave	age Let Size: poles suffec	33977	-	
	Ave	rage Percent	20011		
		Nous per Lot:	17.29	*	
1000000	Persent Impe	vious for site:	11,994	4	
	Stormwate	r Calculations:			
		30000	Weighted CM		
	Woode	44.90%	64		
	Cress/Lawn proper-ious	43.10% 12.00%	60		
	100000				
	Proposed Cur				
	Target Curv	Marcher	70 CHICAGO CONTROL POR CONTROL CONTROL	men months	**************
War and the same of the same o	Kan tateuns				**********
Results:				-	
Storag	e Volume Require	d: -6298 ef			
(Approximate local)	bre shown on Probremy P	mg			
Prefin	inary Total Nitrop	in .			
1	Loading from Site	3.33 lbs/ac/yr			

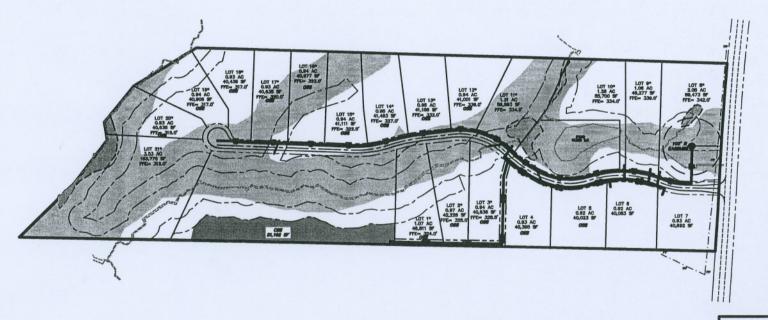
	POTAL SERVICE AND

WATERSHED BUFFERS AND OPEN SPACE MAP

1 HYDROLOGIC SOIL GROUPS - PRE-DEVELOPMENT

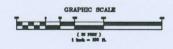








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