

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107  
and  
**THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
Office of Environmental Quality Control  
Water Quality Certification and Wetlands Programs Section  
2600 Bull Street  
Columbia, South Carolina 29201

REGULATORY DIVISION

Refer to: P/N # 2008-00904-5IK through 2008-00914-5IK

June 20, 2008

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the State of South Carolina by

**MR. ALBERT OLIPHANT**  
**AUTUMN COVE, LLC**  
**C/O MALLORY LILES**  
**17100 CABERNET COURT**  
**CORNELIUS, NC 28031**

for a permit to construct 11 docks in

**LAKE WYLIE**

at locations designated for use on Lots 282, 283, 302, 304, 311, 344, 346, 354, 373, 374 and 375, in Autumn Cove Subdivision, Summerside Drive, in Lake Wylie, in York County, South Carolina (Latitude: 35.101549 Longitude: -81.084511).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

**12 O'CLOCK NOON, MONDAY, JULY 21, 2008**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of constructing 11 private, residential docks on Lake Wylie. The proposed docks will be constructed in one of the following designs: a 26' x 20' "U-shaped" floating dock; a 4' x 14' wooden ramp; a 6' x 20' fixed pier; a 26' x 20' "U-shaped" floating dock; a 4' x 12' wooden ramp; a 6' x 10' fixed pier; or a 20' x 10' "T-shaped" floating dock; a 4' x 12' wooden ramp; a 8' x 10' fixed pier. According to the applicant, the purpose of the proposed work is to provide access to Lake Wylie for private single family lots.

REGULATORY DIVISION

Refer to: P/N # 2008-00904-5IK through 2008-00914-5IZ

June 20, 2008

**NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
69A Hagood Avenue  
Charleston, South Carolina 29403-5107**

The work shown on this application must be determined consistent with applicable provisions of the South Carolina Construction in Navigable Waters Permit Program. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State navigable waters permit must submit all comments in writing to the S.C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

Preliminary review of the scope of work sought by this application indicates that State and Federal permits should be processed concurrently. If the Federal permit is issued in advance of the State's a special provision will be included in the Federal permit expressing the endorsement of the District Engineer to any revisions or conditions subsequently imposed by the State permit.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 0.125 acres of freshwater habitat well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended).

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

REGULATORY DIVISION

Refer to: P/N # 2008-00904-5IK through 2008-00914-5IZ

June 20, 2008

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact Leslie L. Parker at 803-253-3904.

Question 11

Description of the overall project and each activity.

The project consist of placing eleven private docks from the water fronts of eleven private single family lots in Autumn Cove subdivision on Lake Wylie SC. These are the last of the water front lots in Autumn Cove Phase V, VI, VII that do not have existing docks. All of the other lots were approved for Dock permits prior to the COE requirement of an individual permit for speculation facilities. There will be no other construction or disturbance of the waterfront.

	Project Title: <i>AUTUMN COVE DOCK RD.</i>	
	Project Location: <i>LAKE WYLIE SC.</i>	
	Applicant: <i>ALBERT OLIPHANT</i>	
Revisions	Date: <i>3-25-08</i>	Scale:
Date / Initials	Application #:	Sheet <i>1</i> of <i>22</i>

## Question #12

Overall project purpose and the basic purpose of activities.

The over all project purpose is to build individual docks on the remaining waterfront lots that currently do not have docks. This project will allow the future individual property owners' access to Lake Wylie.

	Project Title: <i>AUTUMN COVE DOCK RQ.</i>	
	Project Location: <i>LAKE WYLIE SC</i>	
	Applicant: <i>ALBERT DUPHANT</i>	
Revisions Date / Initials	Date: <i>3-25-08</i>	Scale:
	Application #:	Sheet <i>2</i> of <i>22</i>

Form 396578 (9-06)

LAKE WYLIE  
COUNTY YORK

# DUKE ENERGY LAKE SERVICES PRIVATE FACILITIES PROGRAM PERMIT APPLICATION FORM

DUKE ENERGY PERMIT NO. \_\_\_\_\_

First ALBERT D. MI OLIPHANT Last III Signature (Required)  Date 3-3-08

Street PO Box 23589  
City COLUMBIA State SC Zip 29224  
Phone 803 324-9534 Cell / E-Mail / Other 803 385-7368

Street LAKE WYLIE State SC Zip \_\_\_\_\_  
Development AUTUMN COVE Lot No. \_\_\_\_\_

Company Name \_\_\_\_\_ Phone / E-Mail / Etc. \_\_\_\_\_

Address \_\_\_\_\_

Check the appropriate box.	Stationary Pier (Fig. 1)	Slip Style Dock (Fig. 3 & 4)	Platform Style Dock (Fig. 2 & 5)	FACILITY SQUARE FOOTAGE
Use: 1 Individual 2 Common <u>1</u>	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input type="checkbox"/> 1 <input type="checkbox"/> 2	Stationary Surface Area: Dock #1 / Dock #2 <u>176</u> / <u>108</u> FT <sup>2</sup>
Status: 1 Existing 2 Proposed <u>2</u>	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2	<input type="checkbox"/> 1 <input type="checkbox"/> 2	Floating Surface Area: Dock #1 / Dock #2 <u>320</u> / <u>320</u> FT <sup>2</sup>
Type of Facility: 1 Stationary 2 Floating 3 Combination <u>3</u>	<input type="checkbox"/> 1	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	Total Surface Area: Dock #1 / Dock #2 <u>496</u> / <u>428</u> FT <sup>2</sup>



FIG. 1

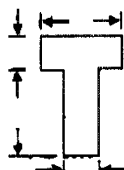


FIG. 2

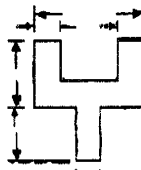


FIG. 3

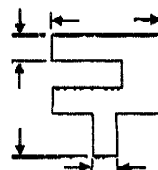


FIG. 4

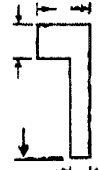


FIG. 5

Check box if uncovered dock.  Check box if uncovered dock.

See attached.

FIG. 6 (other)

If application is for a common use facility, additional waterfront property owners using the facility appoint the individual(s). Listed in the applicant information section of this form as the agent applying for permit. All parties using the facility for permanent mooring must be waterfront property owners (i.e., eligible for individual facilities) and must sign below: (use additional sheet if needed).

Name \_\_\_\_\_ Address \_\_\_\_\_ Date \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_ Date \_\_\_\_\_

Project Title: \_\_\_\_\_  
Project Location: \_\_\_\_\_

LAKE WYLIE SC  
Applicant: ALBERT OLIPHANT

Date: 3-25-08 Scale: \_\_\_\_\_

Application #: \_\_\_\_\_ Sheet 3 of 22

Condition of Pier:  Good  Fair  Poor Permitted:  Yes  No  Denied

Final Inspection Completed: \_\_\_\_\_ Date: \_\_\_\_\_ Revisions \_\_\_\_\_

Comments: \_\_\_\_\_ Date / Initials \_\_\_\_\_



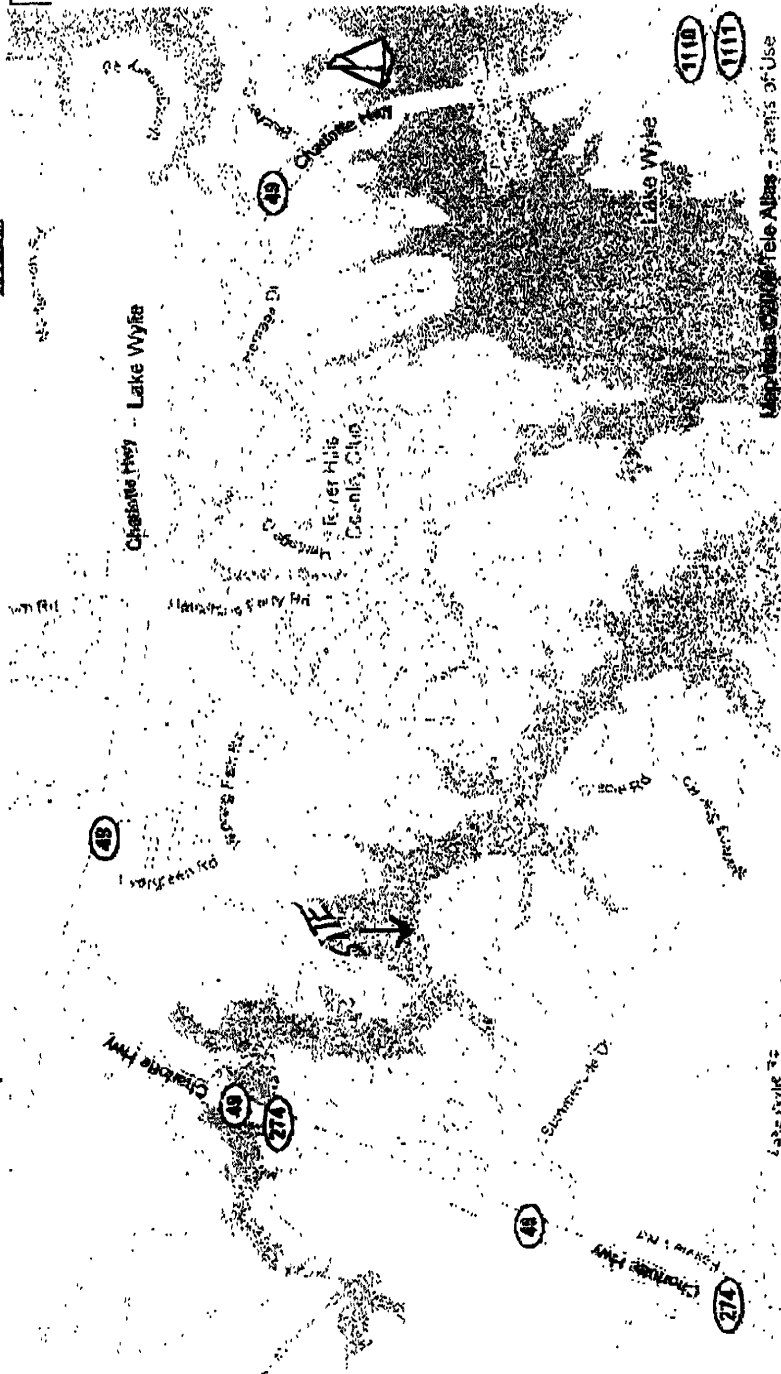
Search for Address: Enter a street address...

Find

View: Lake Wylie

Color Key Lake Access: PDF's Stats

- Bottomland Hardwoods
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- Commercial Marina
- Environmental
- Future Commercial Marina
- Future Public Recreation
- Future Residential
- Future Residential Marina
- Impact Minimization Zones
- IMZ Developed
- Natural Areas
- Natural Isolated Berm
- Project Operations
- Public Infrastructure
- Public Recreation
- Residential
- Residential Marina



Latitude: 35.1054450160031 Longitude: -81.06828689575195

Project Title:

AUTUMN COVE Dock Pg

Project Location:

LAKE WYLIE SC

Applicant:

ALBERT QUIPMANT

Date:

3-25-08

Application #:

Sheet 4 of 99

Revisions

Date /

Initials

HTTP://WWW.DUKE-ENERGY.COM/ENVIRONMENT/WATER-QUALITY/SHORELINE-

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- Black and White
- Map Size**
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- Large

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UTM  
Map Datum  
NAD83/WGS84

Show target



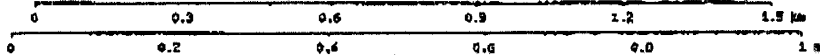
**USGS Lake Wylie (SC,NC) Topo Map**  
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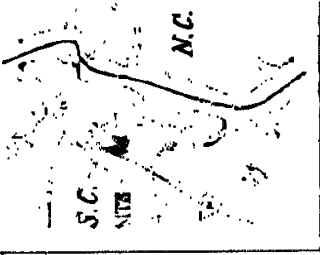
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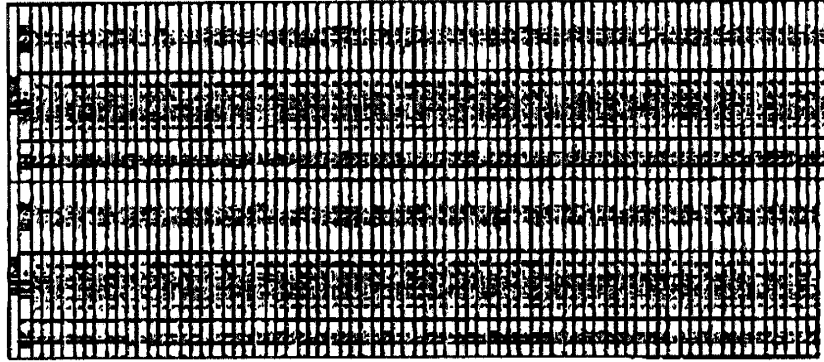
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Portland, ME 04108

Project Title:	
AUTUMN COVE ROCK A	
Project Location:	
LAKE WYLIE SC	
Applicant:	
ALBERT OLIPHANT	
Revisions	Date:
Date / Initials	3-25-08
	Scale:
	Application #:
	Sheet 5 of 2





LAKE WYCHE MAP SHEET

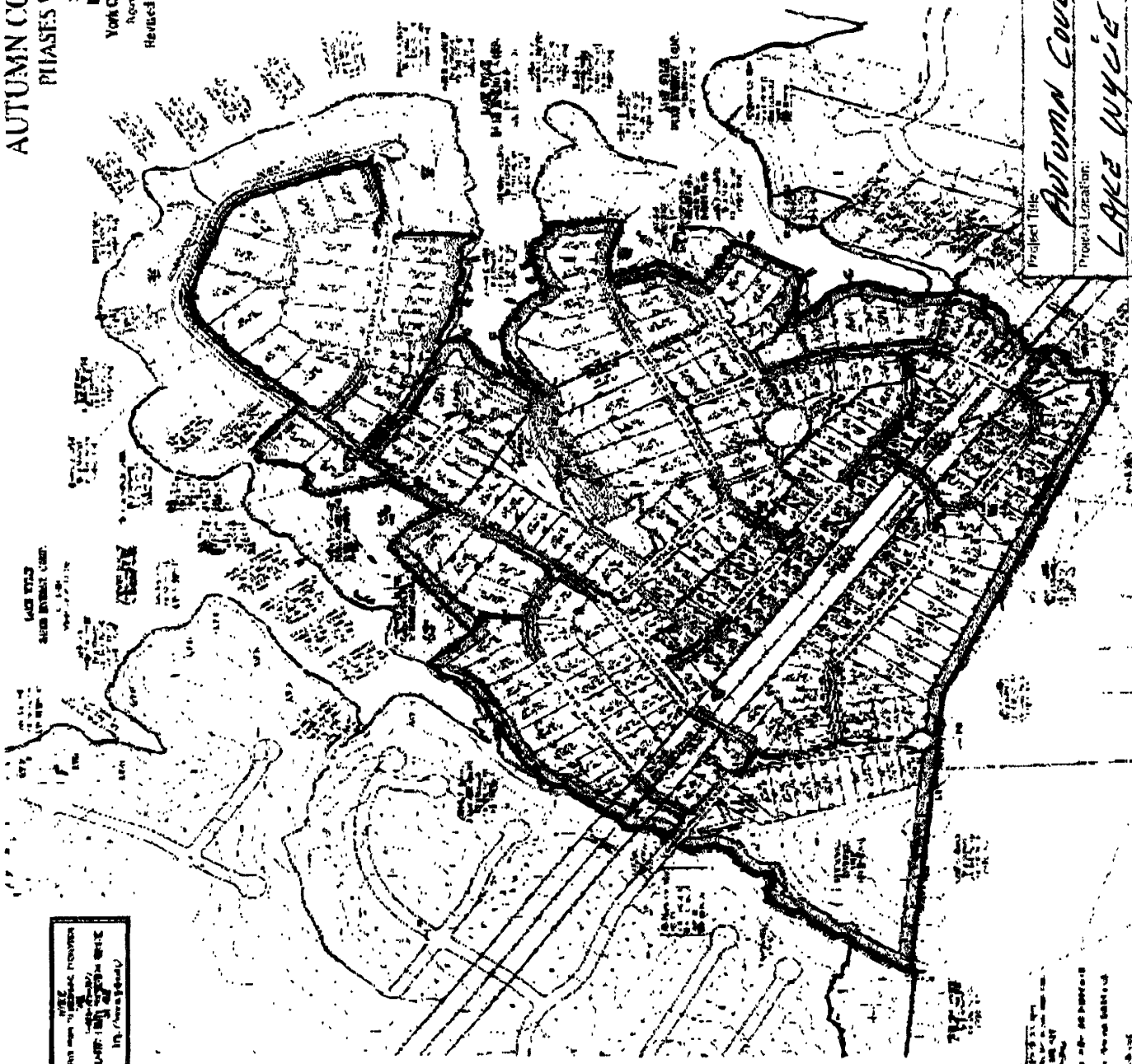


Preliminary Page 04

# AUTUMN COVE SUBDIVISION

## PHASES V, VI, VII, & VIII

SHEETS 101-104  
 Initial Township  
 York County, South Carolina  
 Approved 8/2/06  
 Revised October 13, 2007



Project Title	<i>Autumn Cove</i>
Project Location	<i>Lake Wychie SC</i>
Applicant	<i>ROBERT OLIPHANT</i>
Date	<i>3-25-08</i>
Scale	

NOT TO SCALE  
 ALL DIMENSIONS TO BE SHOWN ON THIS PLAN SHALL BE AS SHOWN UNLESS OTHERWISE SPECIFIED  
 1/8" = 100'

- 1/8" = 100'
- 1/4" = 200'
- 1/2" = 400'
- 3/4" = 600'
- 1" = 800'
- 1 1/4" = 1000'
- 1 1/2" = 1200'
- 2" = 1600'
- 2 1/2" = 2000'
- 3" = 2400'
- 4" = 3200'
- 5" = 4000'
- 6" = 4800'
- 8" = 6400'
- 10" = 8000'
- 12" = 9600'
- 15" = 12000'
- 20" = 16000'
- 24" = 19200'
- 30" = 24000'
- 36" = 28800'
- 48" = 38400'
- 60" = 48000'
- 72" = 57600'
- 96" = 76800'
- 120" = 96000'
- 144" = 115200'
- 180" = 144000'
- 216" = 172800'
- 288" = 230400'
- 360" = 288000'
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- 6790880446" = 6626160000000'
- 6903420446" = 6620000000000'
- 7017480446" = 6602112000000'
- 7133080446" = 6571440000000'
- 7249340446" = 6528928000000'
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- 7854840446" = 6090496000000'
- 7980880446" = 5949872000000'
- 8108820446" = 5794736000000'
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- 8370480446" = 5444544000000'
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- 8640080446" = 5045968000000'
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- 9799480446" = 3077680000000'
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- 10108780446" = 2520336000000'
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- 10427180446" = 1945760000000'
- 10589780446" = 1652272000000'
- 10754640446" = 1354720000000'
- 10921780446" = 1053168000000'
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- 11263080446" = 441136000000'
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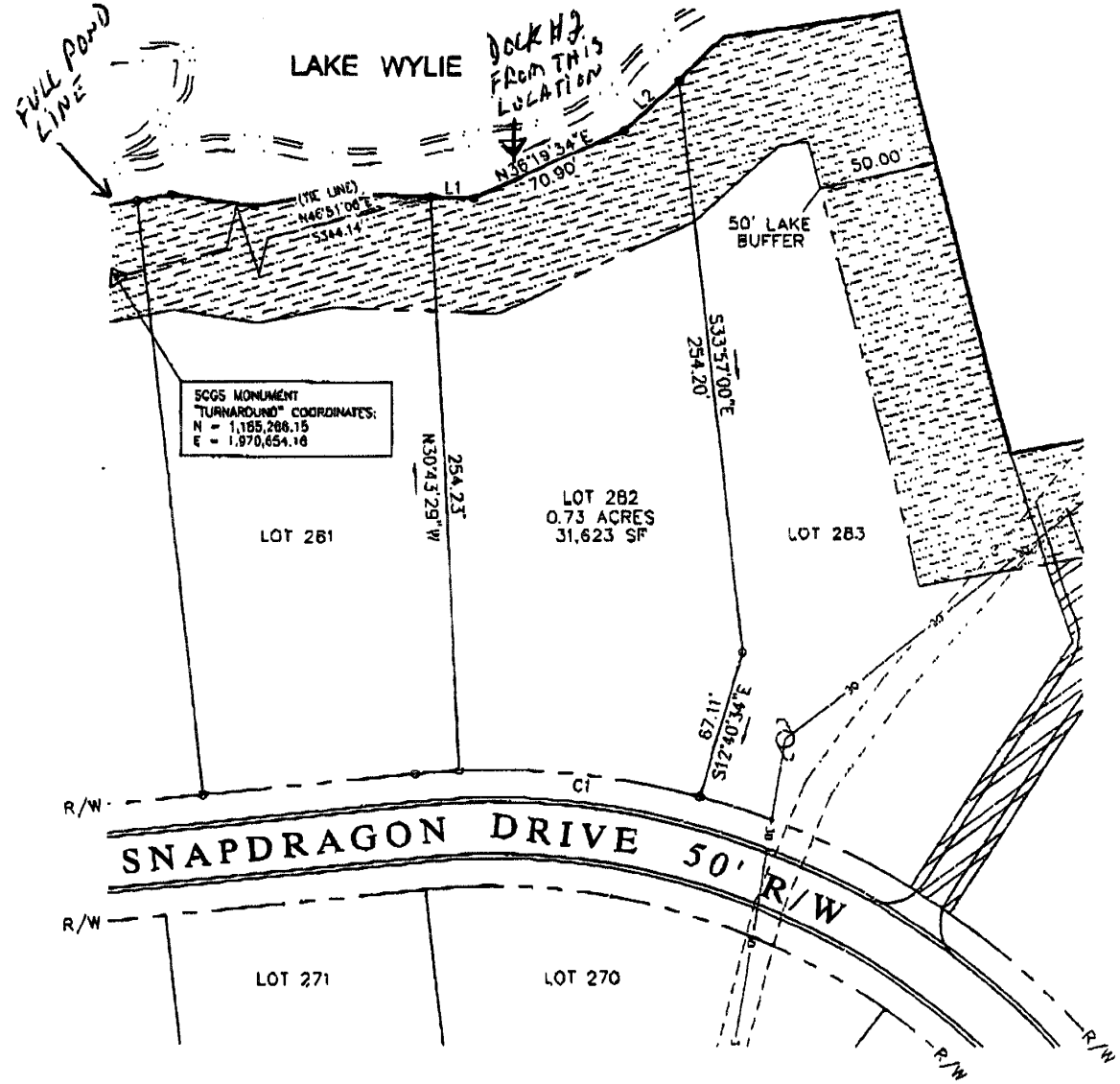
OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



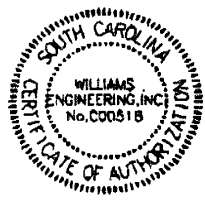
LOCATION MAP  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	17.91	N04°05'08"E
L2	32.09	N17°48'05"E

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	323.00'	102.38'	51.62'	101.95'	S68°17'39"W	18°02'55"



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,165,206.15  
E = 1,970,654.16



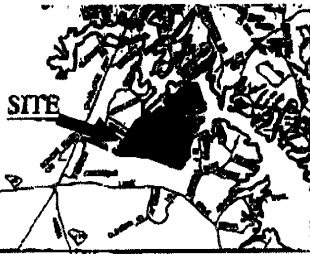
*Edward F. Woodward* 08/12/08  
EDWARD F. WOODWARD P.L.S. 8613

Project Title: AUTUMN COVE DOCK R.O.  
 Project Location: LAKE WYLIE SC.  
 Applicant: ALBERT OLIPHANT  
 Date: 3-25-08 Scale: \_\_\_\_\_  
 Application #: \_\_\_\_\_

SCALE: 1" = 50'	 Williams Engineering Inc. A Subsidiary of Keck & Wood, Inc. 215 Hampton Street, Suite 100, Rock Hill, SC 29730 Phone: 803-324-3100 Fax: 803-324-3919	Autumn Cove - Phase VI	
CHECKED BY: EFW		Lot 282	
DRAWN BY: ERG		Dock Permit Sketch	
DATE: 03/11/08		Revisions	

Date / Initials

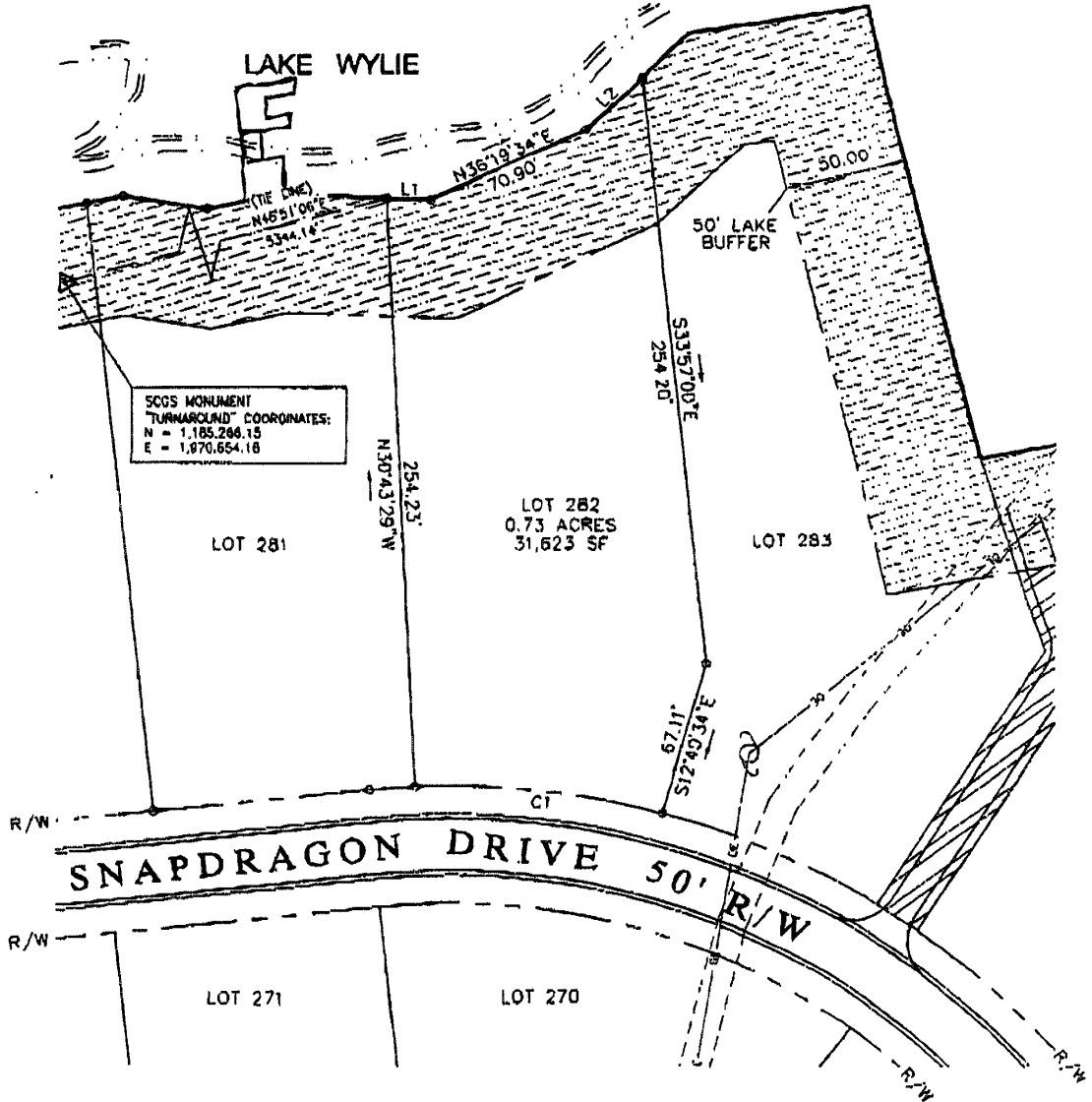
OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



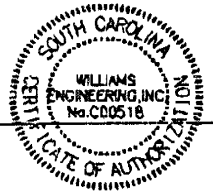
LOCATION MAP  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	17.91	N84°05'08"E
L2	32.09	N17°48'08"E

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	329.00'	102.18'	51.62'	101.95'	S88°17'59"W	18°02'55"



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,266.15  
E = 1,070,654.18



*Edward F. Woodward* 08/12/08  
EDWARD F. WOODWARD P.L.S. #613

Project Title: AUTUMN COVE

Project Location: LAKE WYLIE SC

Applicant: ALBERT OLIPHANT

Date: \_\_\_\_\_ Scale: \_\_\_\_\_

Application #: \_\_\_\_\_

Sheet LA of 1.2

SCALE: 1" = 30'  
CHECKED BY: EFW  
DRAWN BY: ERC  
DATE: 03/11/08

**W/E** Williams Engineering Inc.  
A Subsidiary of Keck & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-4919

Autumn Cove - Phase VI  
Lot 282  
Dock Permit Sketch  
Revisions

Date / Initials

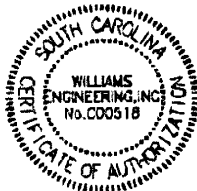
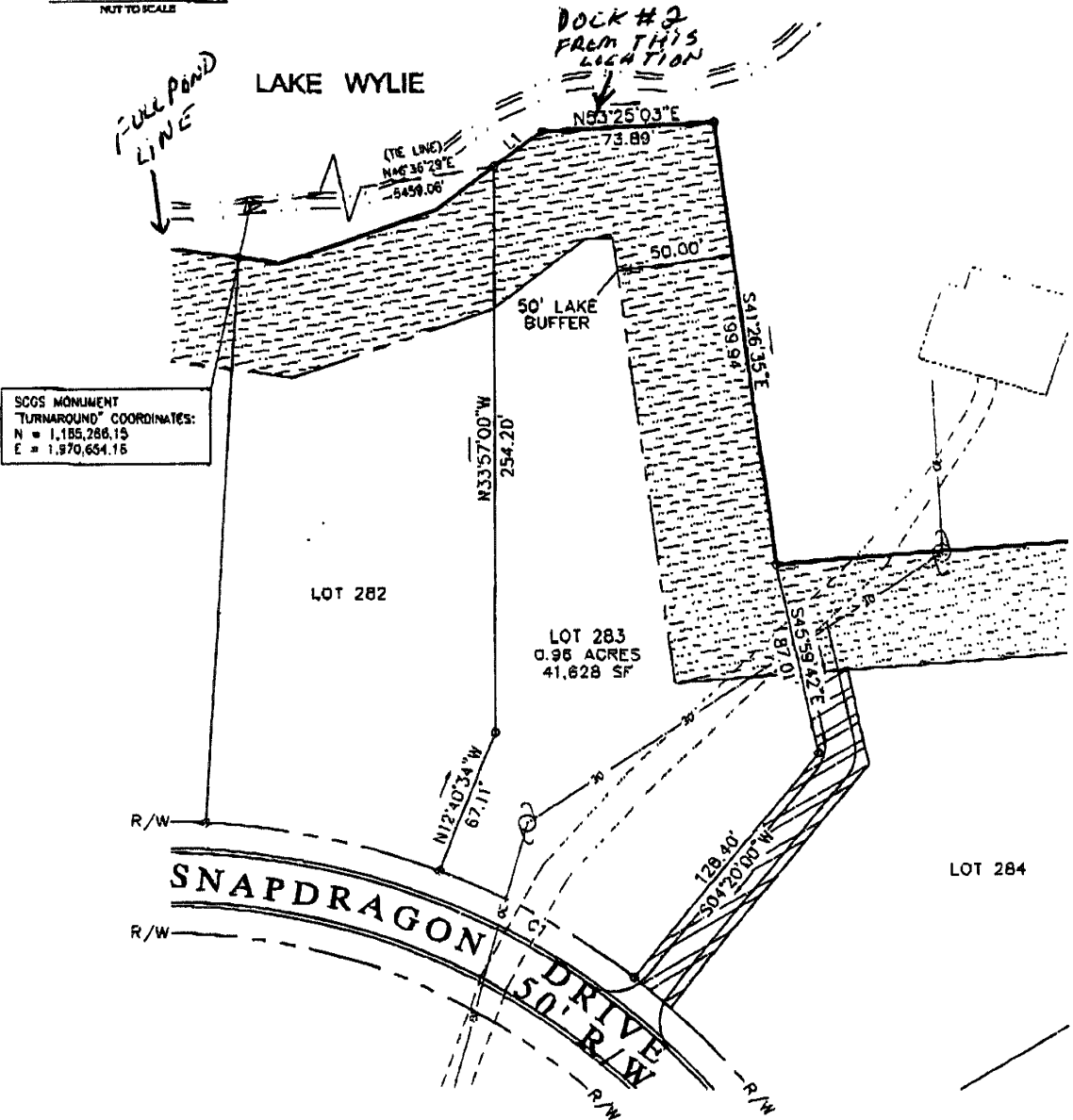


**LOCATION MAP**  
NOT TO SCALE

**OWNER:**  
AUTUMN COVE, LLC  
ALBERT OLIPHANT

LINE TABLE		
LINE	LENGTH	BEARING
L1	26.22	N174°08'E

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	323.00'	98.48'	48.60'	96.13'	S85°49'43"W	170°34'



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 0813

**Project Title:**  
AUTUMN COVE DOCK RD

**Project Location:**  
LAKE WYLIE SC

**Applicant:**  
ALBERT OLIPHANT

**Date:** 3-25-08

**Scale:**

**Application #:**

**Sheet 7 of 20**

SCALE: 1" = 50'	Williams Engineering Inc. A Subsidiary of Keck & Wood, Inc.	Autumn Cove - Phase VI	
CHECKED BY: EFW		Lot 283	Revisions
DRAWN BY: ERG		213 Hampton Street, Suite 100, Rock Hill, SC 29730	Date / Initials
DATE: 03/11/08		Phone: 803-324-3192 Fax: 803-324-0919	JOB NUMBER:



SITE

LOCATION MAP

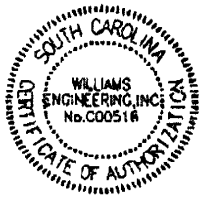
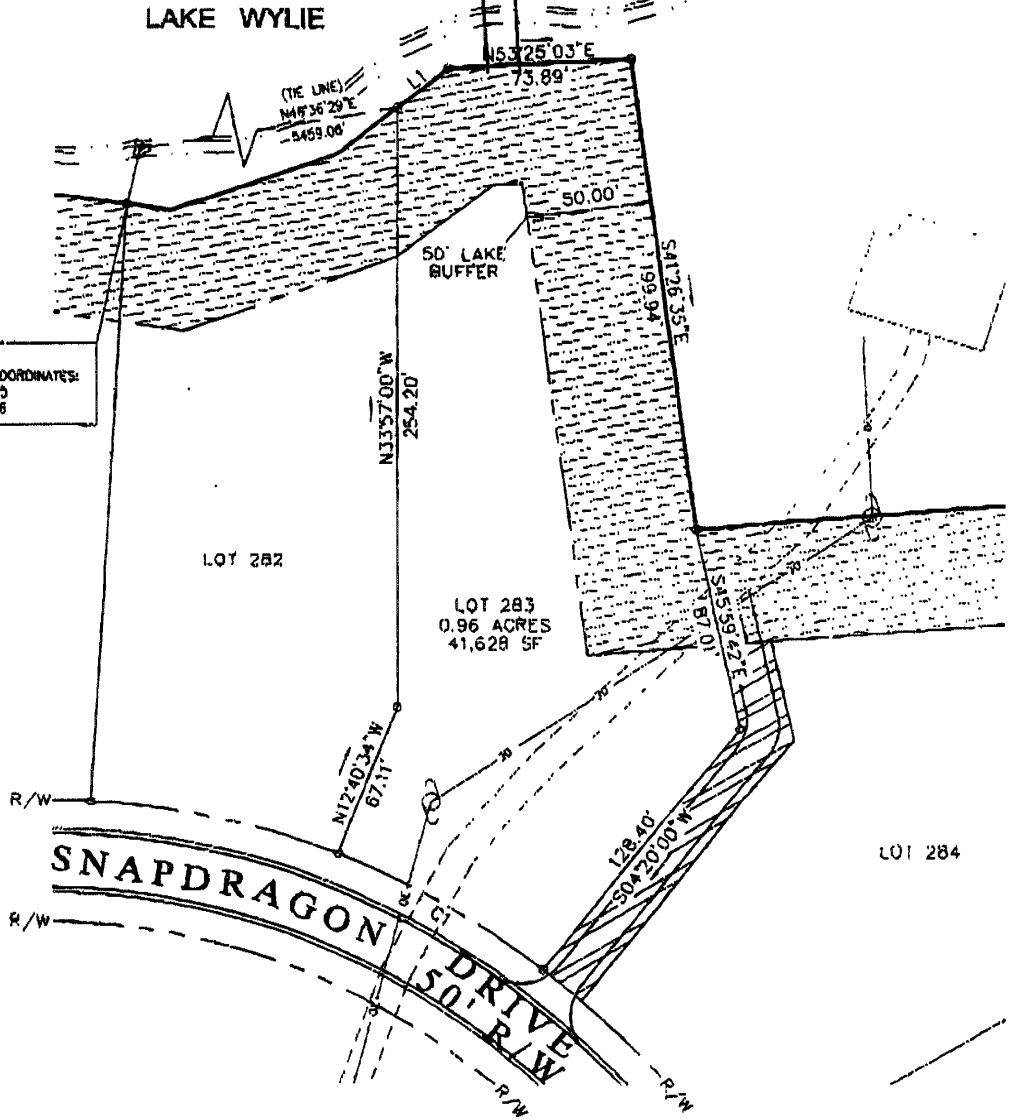
NOT TO SCALE

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT

LINE TABLE		
LINE	LENGTH	BEARING
L1	26.22	N1748°06'T

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	325.00'	96.48'	44.60'	26.13'	S85°48'43"W	17°00'34"

SCOS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,286.15  
E = 1,970,654.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8813

Project Title: AUTUMN COVE

Project Location: LAKE WYLIE SC

Applicant: ALBERT OLIPHANT

Date: 3-25-08 Scale: \_\_\_\_\_

Application #: \_\_\_\_\_

Sheet 7A of 22

SCALE: 1" = 30'	Williams Engineering Inc. A Subsidiary of Kueh & Wood, Inc. 315 Hampton Street, Suite 100, Rock Hill, SC 29730 Phone: 803-724-1192 Fax: 803-714-8916	Autumn Cove - Phase VI
CHECKED BY: EFW		Lot 283
DRAWN BY: ERG		Revisions
DATE: 03/11/08		Job NUMBER:

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



SITE

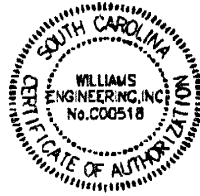
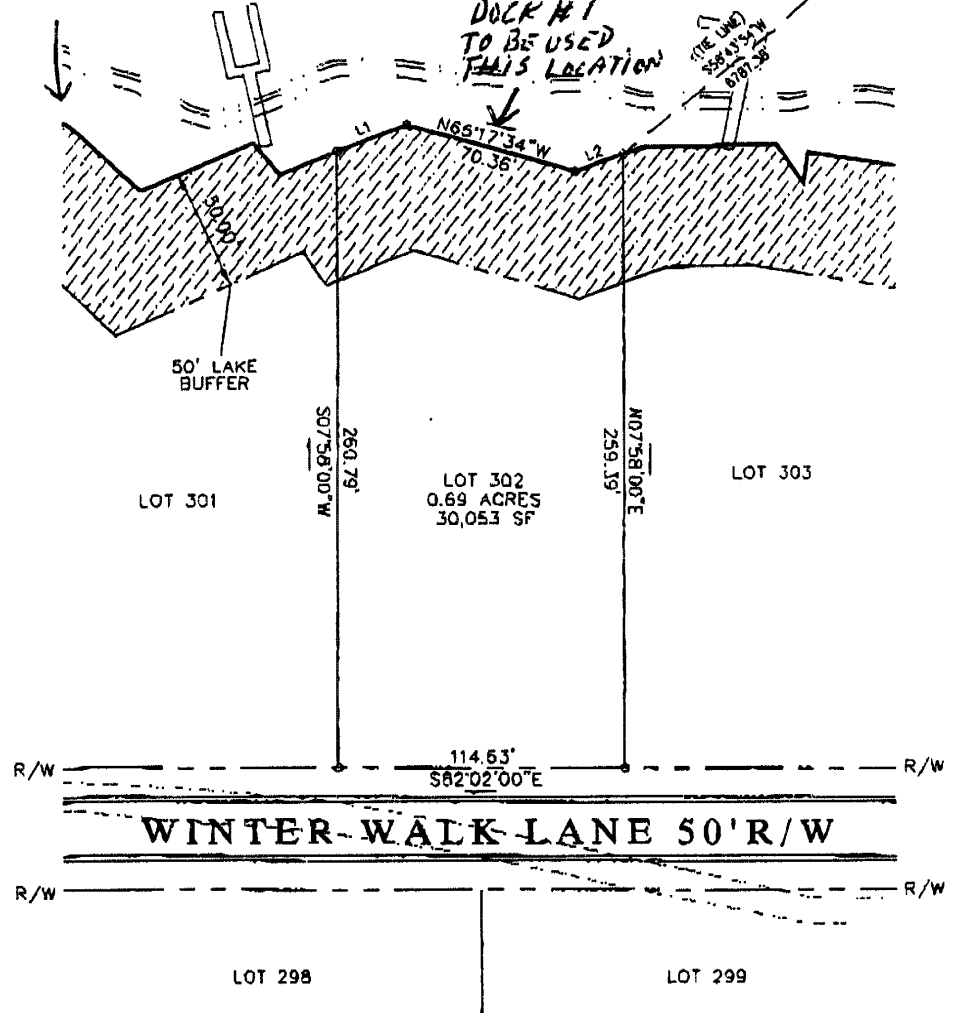
LINE TABLE		
LINE	LENGTH	BEARING
L1	30.05	S75°18'22"W
L2	20.83	S77°30'37"W

LOCATION MAP  
NOT TO SCALE

FULL POND  
LINE

SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,288.15  
E = 1,970,654.16

DOCK #1  
TO BE USED  
THIS LOCATION



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Keck & Wood, Inc.  
214 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3193 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 302  
Dock Permit Sketch  
JOB NUMBER:

Revisions	
Date / Initials	

Project Title:  
**AUTUMN COVE DOCK R.**

Project Location:  
**LAKE WYLIE SC**

Applicant:  
**ALBERT OLIPHANT**

Date: **3-25-08** Scale: **1" = 50'**

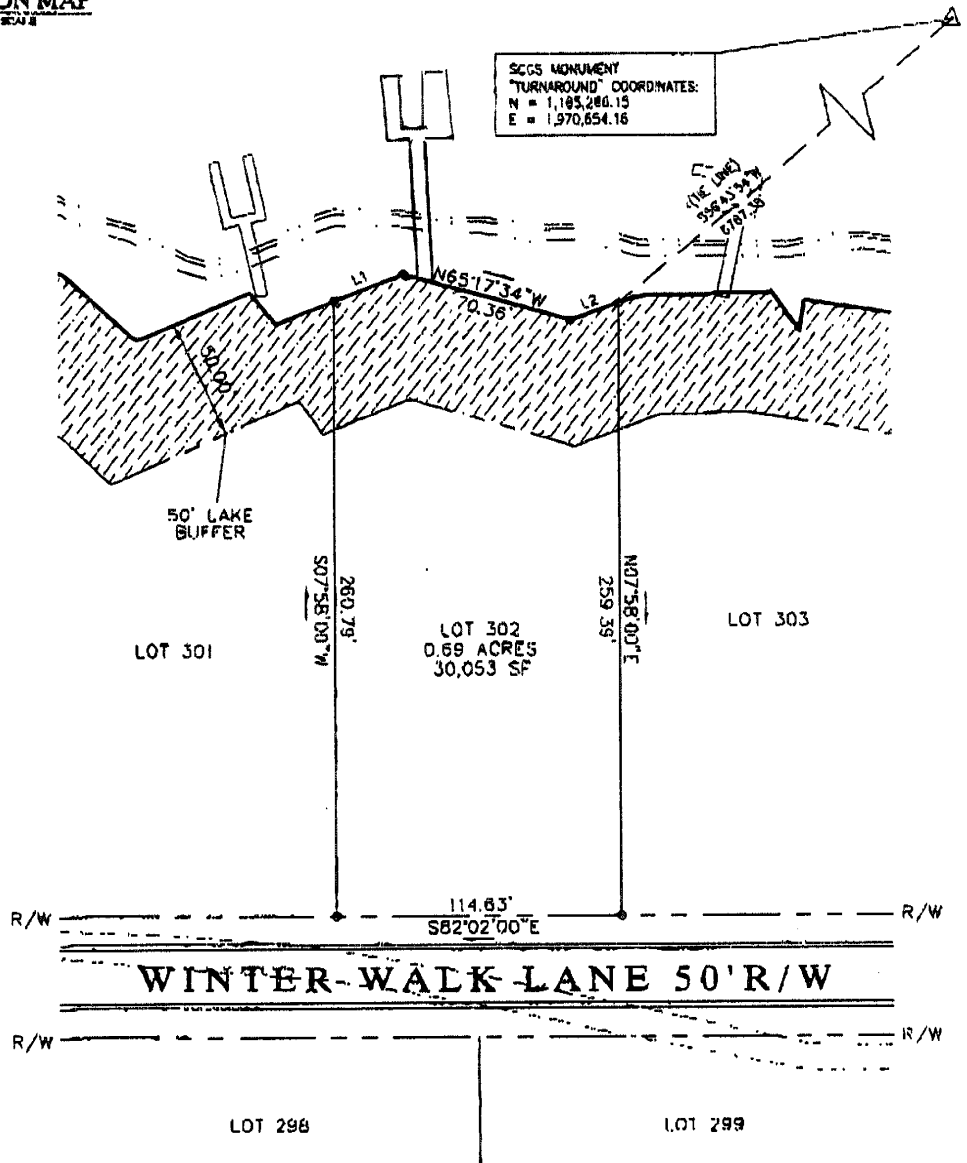
Application #:  Sheet **8** of **9**



LOCATION MAP  
NOT TO SCALE

AUTUMN COVE, LLC  
ALBERT OLIPHANT

LINE TABLE		
LINE	LENGTH	BEARING
L1	30.05	S73°18'22"W
L2	20.83	S77°30'37"W



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,286.13  
E = 1,970,854.16



*Edward F. Woodward*  
EDWARD F. WOODWARD P.L.S. 8813

Project Title: AUTUMN COVE

Project Location: LAKE WYDIE SC

Applicant: ALBERT OLIPHANT

Date: 3-25-08 Scale:

Application #:

Sheet 0A of 22

SCALE: 1" = 50'

CHECKED BY: EFW

DRAWN BY: ERC

DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Kock & Wood, Inc.

215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-0192 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 302  
Dock Permit Sketch

JOB NUMBER:

Revisions	
Date / Initials	

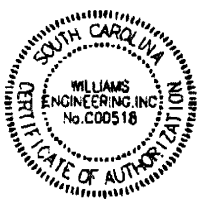
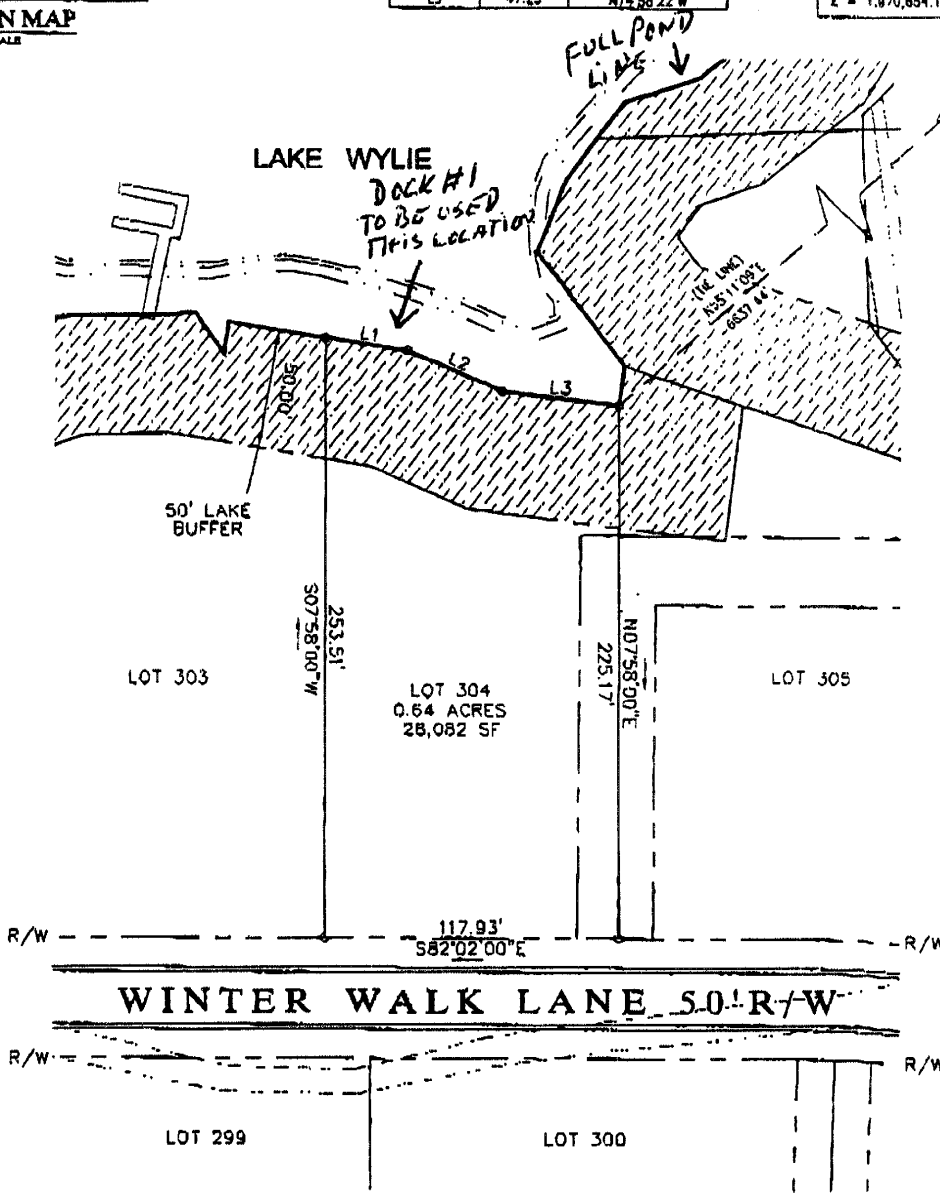
AUTUMN COVE, LLC  
ALBERT OLIPHANT



LOCATION MAP  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	33.48	N72°40'44"W
L2	41.88	N87°48'24"W
L3	47.23	N74°58'22"W

SCOS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,184,266.15  
E = 1,870,654.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613



SCALE: 1" = 50'	Williams Engineering Inc. A Subsidiary of Kock & Wood, Inc. 215 Hampton Street, Suite 100, Rock Hill, SC 29730 Phone: 803-324-3192 Fax: 803-324-8919	Autumn Cove - Phase VII Lot 304 Dock Permit Sketch
CHECKED BY: EFW		JOB NUMBER: 062723 01
DRAWN BY: ERG		
DATE: 03/11/08		

Project Title:	AUTUMN COVE DOCK RQ	
Project Location:	LAKE WYLIE SC	
Applicant:	ALBERT OLIPHANT	
Date:	3-25-08	Scale:
Application #:		Sheet 9 of 9

Revisions	
Date / Initials	



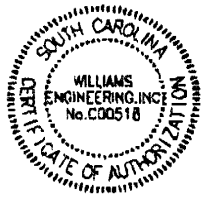
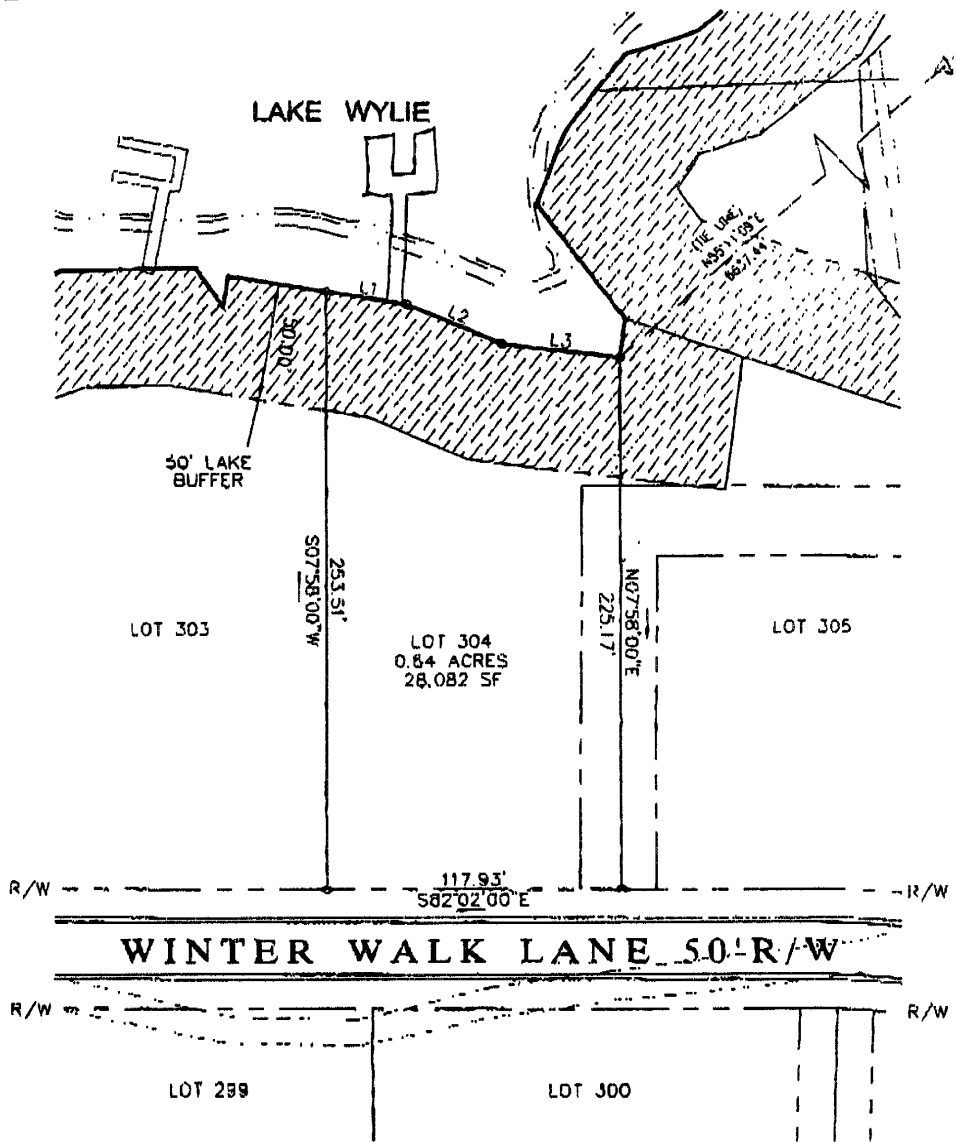
**AUTUMN COVE, LLC  
ALBERT OLIPHANT**



**LOCATION MAP**  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	31.48	N72°40'44"W
L2	41.69	N57°49'24"W
L3	47.23	N74°58'22"W

SCCS MONUMENT  
TURNAROUND COORDINATES:  
N = 1,185,268.15  
E = 1,970,654.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613

SCALE: 1" = 30'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

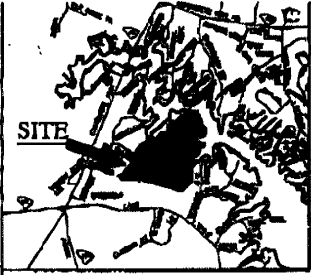
**WEI Williams Engineering Inc.**  
A Subsidiary of Keck & Wood, Inc.  
215 Ffrenchton Street, Suite 100, Muck Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-4919

Autumn Cove - Phase VII  
Lot 304  
Dock Permit Sketch  
JOB NUMBER:

Project Title: <i>AUTUMN COVE</i>	
Project Location: <i>LAKE WYLIE SC</i>	
Applicant: <i>ALBERT OLIPHANT</i>	
Date: <i>3-25-08</i>	Scale:
Application #:	Sheet <i>9A</i> of <i>33</i>

Revisions	
Date / Initials	





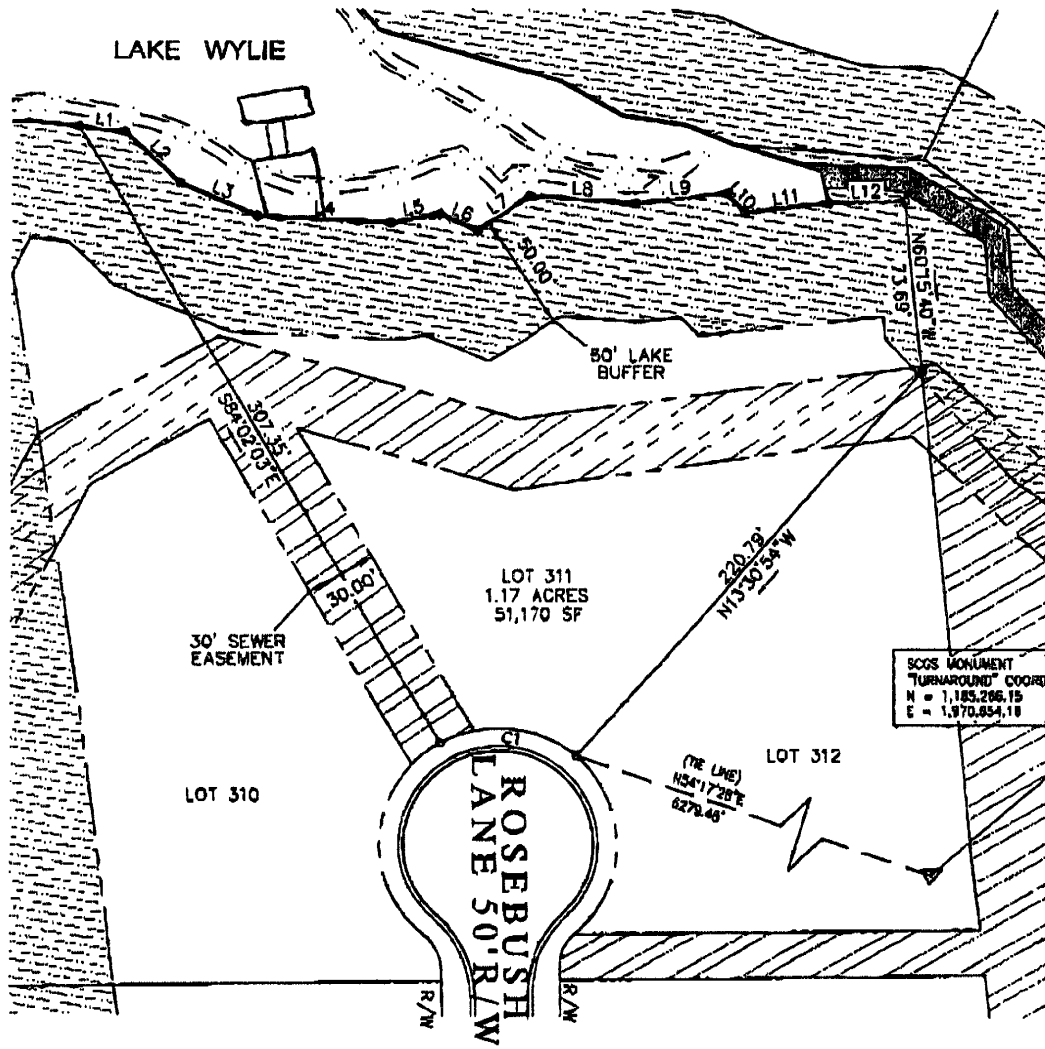
SITE

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT

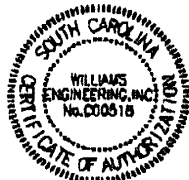
LINE	LENGTH	BEARING
L1	19.25	S43°03'15"W
L2	32.69	S79°54'02"W
L3	39.41	S56°20'16"W
L4	55.75	S38°13'17"W
L5	20.89	S25°42'42"W
L6	19.93	S88°39'15"W
L7	28.08	S82°11'17"W
L8	45.28	S39°44'58"W
L9	38.62	S27°31'27"W
L10	10.93	S87°08'18"W
L11	35.51	S28°27'31"W
L12	31.56	S33°40'28"W

LOCATION MAP  
NOT TO SCALE

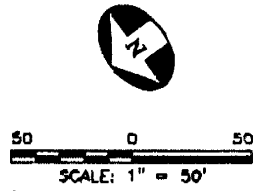
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	80.00'	81.54'	35.35'	57.73'	N41°13'31"E	79°31'00"



SCGS MONUMENT  
TURNAROUND COORDINATES:  
N = 1,185,266.15  
E = 1,970,854.18



*Edward F. Woodward*  
EDWARD F. WOODWARD P.L.S. 8813



SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERO  
DATE: 03/11/08

**W/E** Williams Engineering Inc.  
A Subsidiary of Kock & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 311  
Dock Permit  
JOB NUMBER: 0

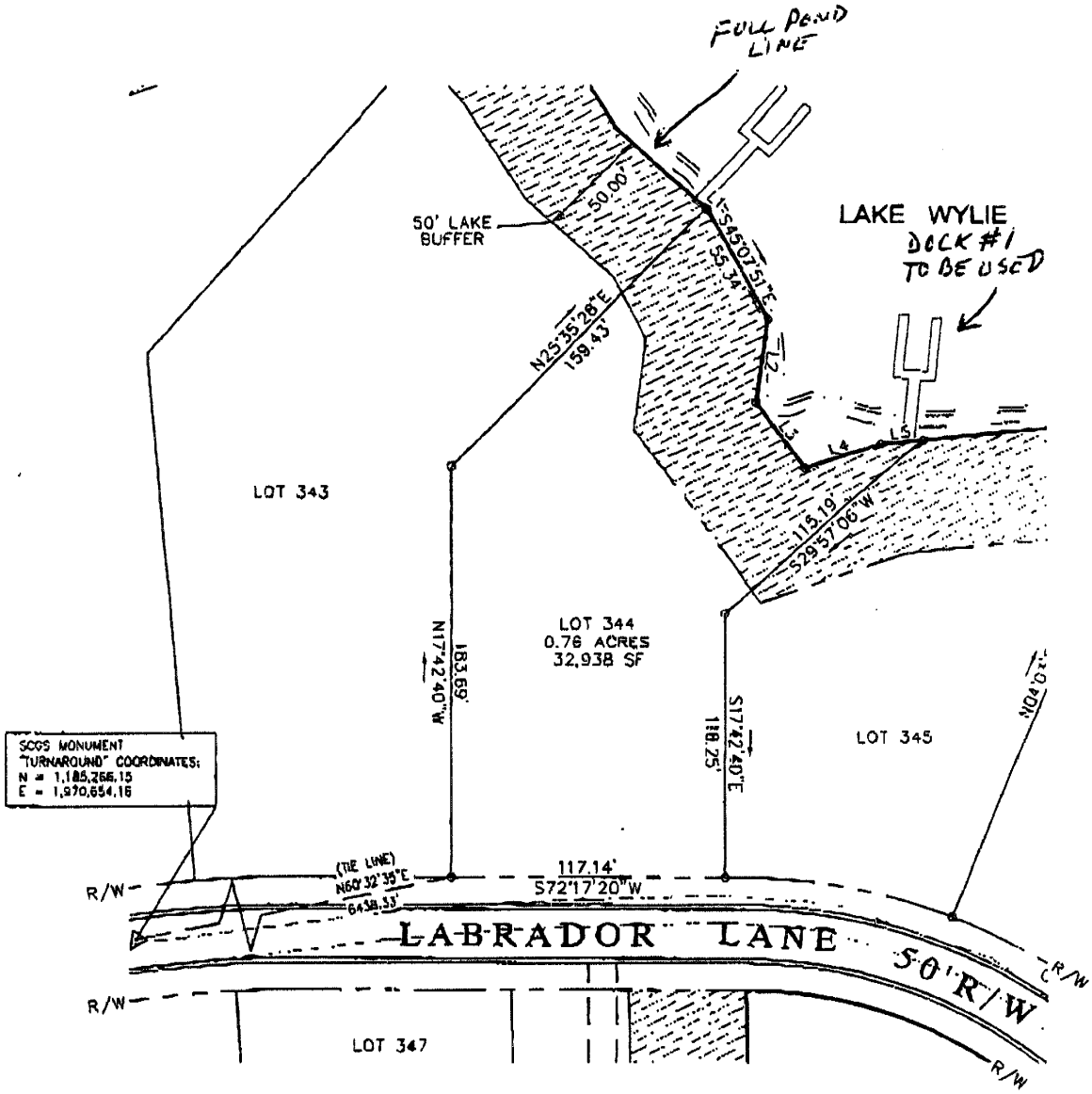
Project Title: **AUTUMN COVE**  
Project Location: **LAKE WYLIE SC**  
Applicant: **ALBERT OLIPHANT**  
Date: **3-25-08**  
Sheet of: **10A 22**

**AUTUMN COVE, LLC  
ALBERT OLIPHANT**

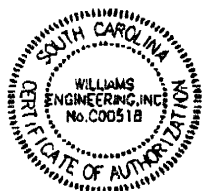


**LOCATION MAP**  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	0.90	S64°12'56"E
L2	37.11	S09°54'29"E
L3	37.13	S52°38'57"E
L4	34.52	N53°27'16"E
L5	18.01	N66°13'31"E



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,266.15  
E = 1,970,654.18



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 6613

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**WIZ** Williams Engineering Inc.  
A Subsidiary of Kock & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-224-3192 Fax: 803-224-8919

Autumn Cove - Phase VII  
Lot 344  
Dock Permit Sketch  
JOB NUMBER: Revisions

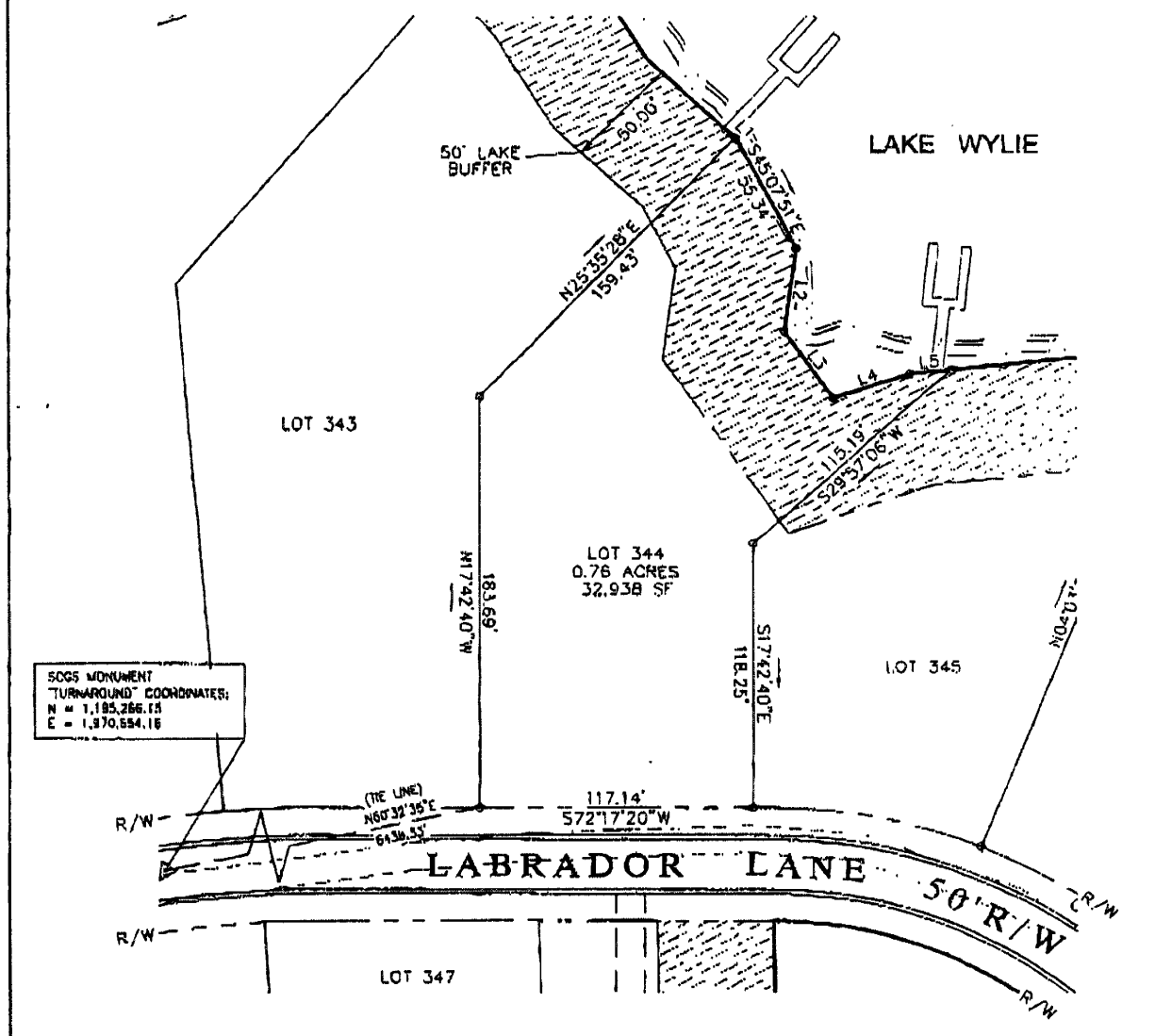
Project Title: AUTUMN COVE DOCK #1  
Project Location: LAKE WYLIE SC.  
Applicant: ALBERT OLIPHANT  
Date: 3-25-08 Scale:  
Application #: \_\_\_\_\_ Sheet 11 of 23

Date / Initials

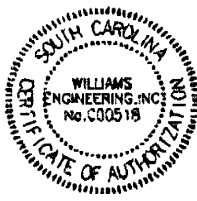


**LOCATION MAP**  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	0.90	S84°12'58"E
L2	37.11	S08°34'28"E
L3	57.13	S92°39'57"E
L4	34.52	N53°27'18"E
L5	18.01	N86°13'31"E



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,286.15  
E = 1,370,554.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 0613

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**W/E** Williams Engineering Inc.  
A Subsidiary of Kock & Wood, Inc.  
215 Hampton Street, Suite 103, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-4618

Autumn Cove - Phase VII  
Lot 344  
Dock Permit Sketch  
JOB NUMBER: Revisions

Project Title: *AUTUMN COVE*

Project Location: *LAKE WYLIE SC*

Applicant: *ALBERT OLIPHANT*

Date: \_\_\_\_\_ Scale: \_\_\_\_\_

Application #: \_\_\_\_\_

Sheet *11A* of *22*

Date / Initials

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



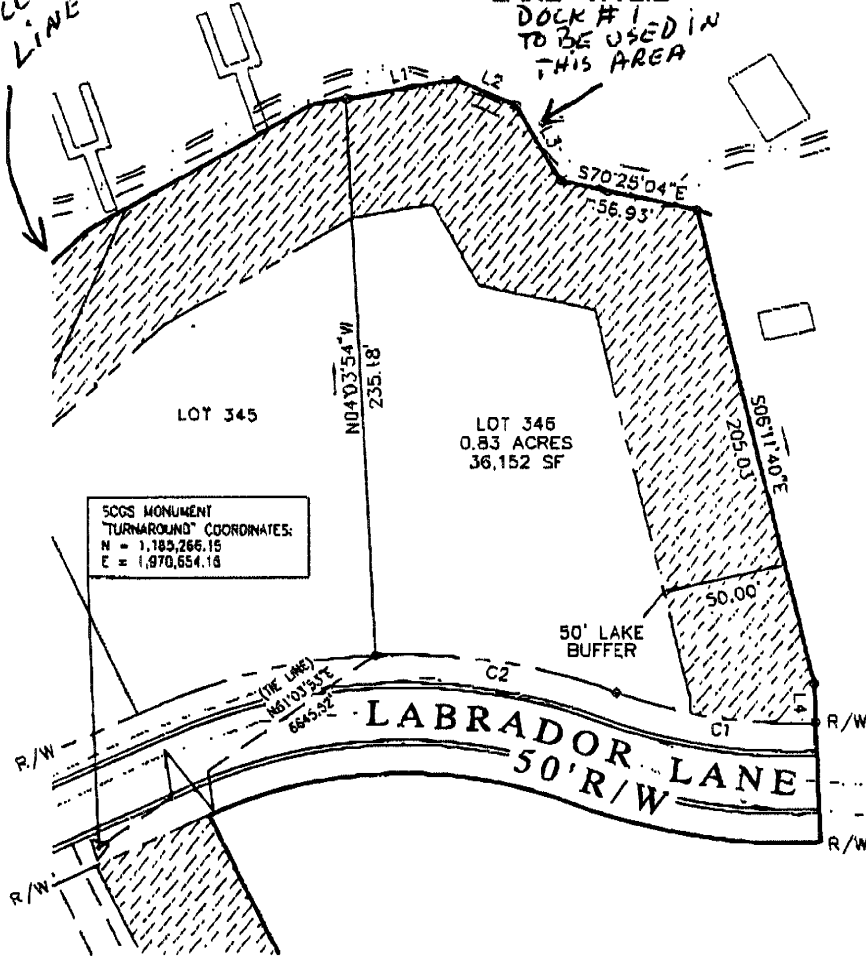
LOCATION MAP  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	45.31	N86°39'59"E
L2	28.53	S58°38'38"E
L3	36.48	S22°15'28"E
L4	18.28	S04°45'37"W

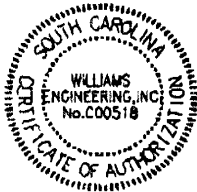
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	203.28	81.97	41.55'	81.42'	N74°03'31"W	23°02'59"
C2	240.00	99.48	50.47	88.77'	N74°03'36"W	23°45'00"

Full Pond Line

LAKE WYLIE  
DOCK #1  
TO BE USED IN  
THIS AREA



SOGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,265.15  
E = 1,970,654.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. #813

Project Title:  
AUTUMN COVE DOCK #1  
Project Location:  
LAKE WYLIE SC  
Applicant:  
ALBERT OLIPHANT

SCALE: 1" = 50'  
CHECKED BY: EPW  
DRAWN BY: ERG  
DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Keck & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-0919

Autumn Cove - Phase VII  
Lot 346  
Date: Permit Sketch  
JOB NUMBER: Revisions

Date / Initials  
Date: 3-25-08  
Scale:  
Application #: Sheet 12 of 27

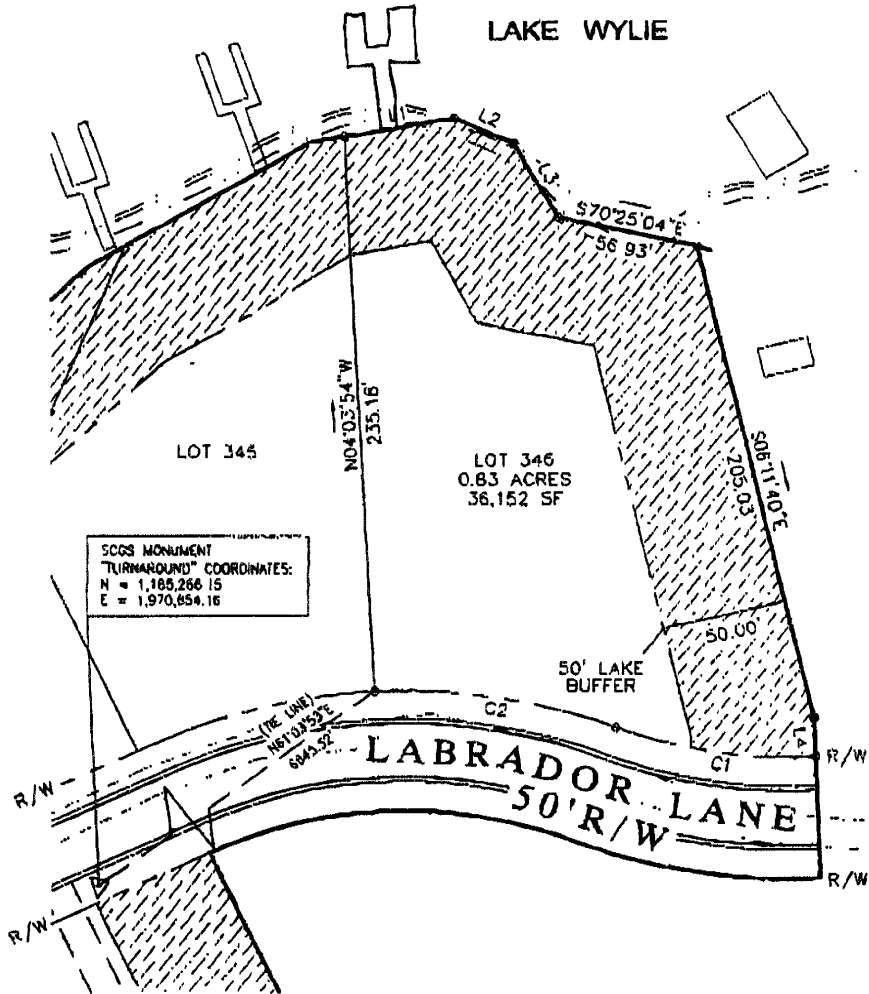
**AUTUMN COVE, LLC  
ALBERT OLIPHANT**



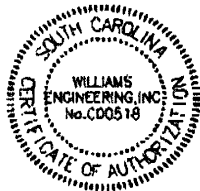
**LOCATION MAP**  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	45.31	N86°39'58"E
L2	28.53	S59°39'38"E
L3	36.40	S22°15'29"E
L4	16.28	S94°55'37"W

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	203.76'	81.97'	41.55'	81.42'	N74°03'31"W	23°02'59"
C2	240.00'	99.48'	50.47'	98.77'	N74°03'30"W	23°45'00"



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,266.15  
E = 1,970,854.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613



SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**W&E Williams Engineering Inc.**  
A Subsidiary of Kock & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-224-3192 Fax: 803-224-8919

Autumn Cove - Phase VII  
Lot 346  
Do Not Permit Sketch  
Revisions  
JOB NUMBER:

Project Title: **AUTUMN COVE**  
Project Location: **LAKE WYLIE SC**  
Applicant: **ALBERT OLIPHANT**

Date / Initials: **3-25-08**  
Scale: **12A of 22**  
Application #:

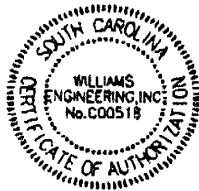
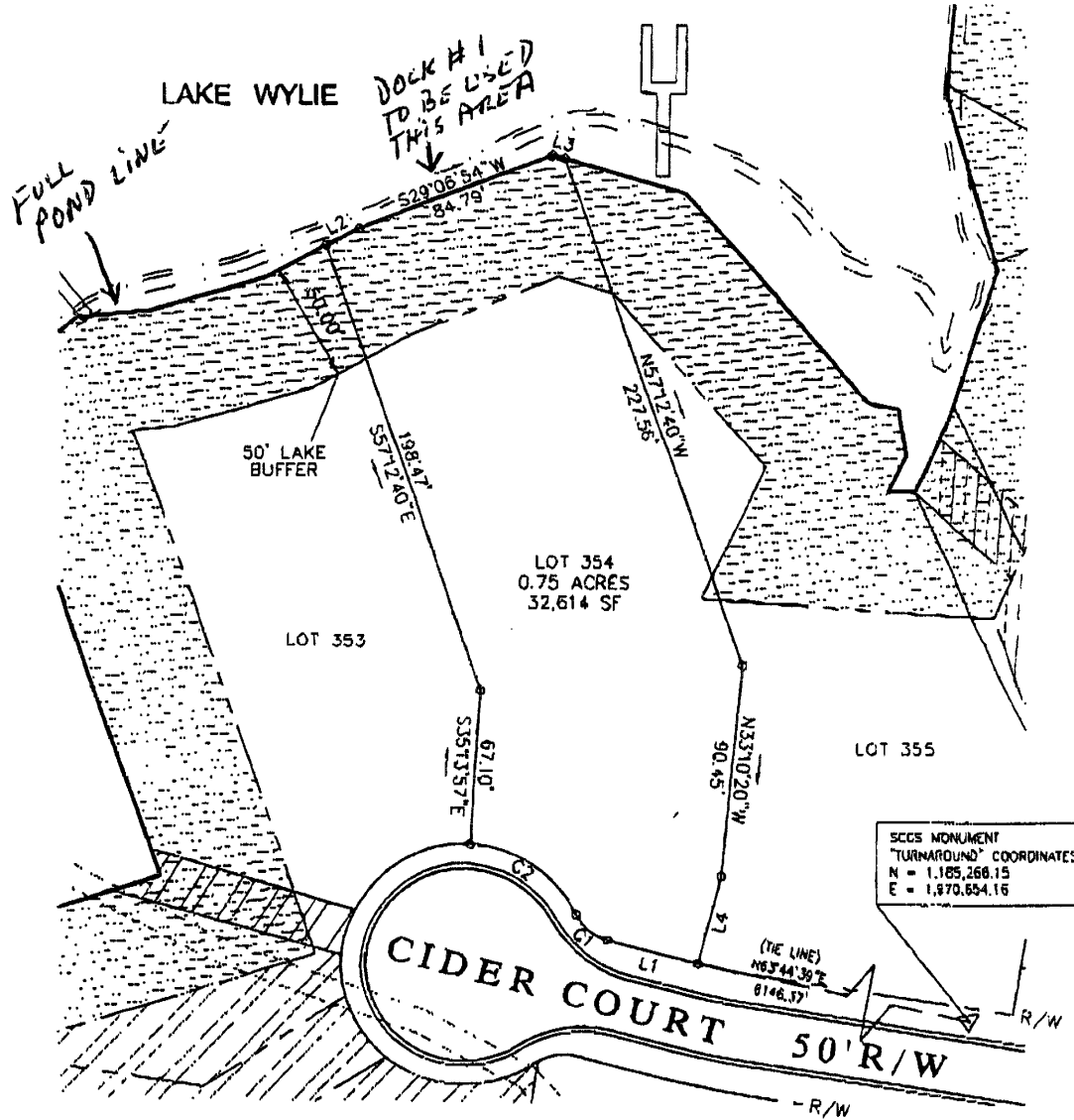
**AUTUMN COVE, LLC  
ALBERT OLIPHANT**



LINE TABLE		
LINE	LENGTH	BEARING
L1	37.76	N88°08'47"E
L2	15.39	S22°16'28"W
L3	5.09	S65°30'08"W
L4	37.74	N23°51'13"W

**LOCATION MAP**  
NOT TO SCALE

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	20.00'	17.45'	9.33'	16.98'	S88°51'22"E	49°39'41"
C2	50.00'	53.56'	29.67'	51.03'	N85°27'13"E	61°22'28"



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Keck & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: (803) 324-3192 Fax: (803) 324-9919

Autumn Cove - Phase VII  
Lot 354  
Dock Permit Sketch  
JOB NUMBER:

Project Title:  
*AUTUMN COVE DOCK PERMIT*  
Project Location:  
*LAKE WYLIE S.C.*  
Applicant:  
*ALBERT OLIPHANT*  
Date: *3-25-08* Scale:  
Application #: Sheet 13 of 22

Revisions  
Date / Initials





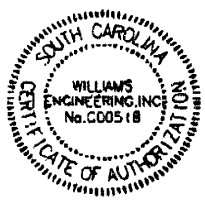
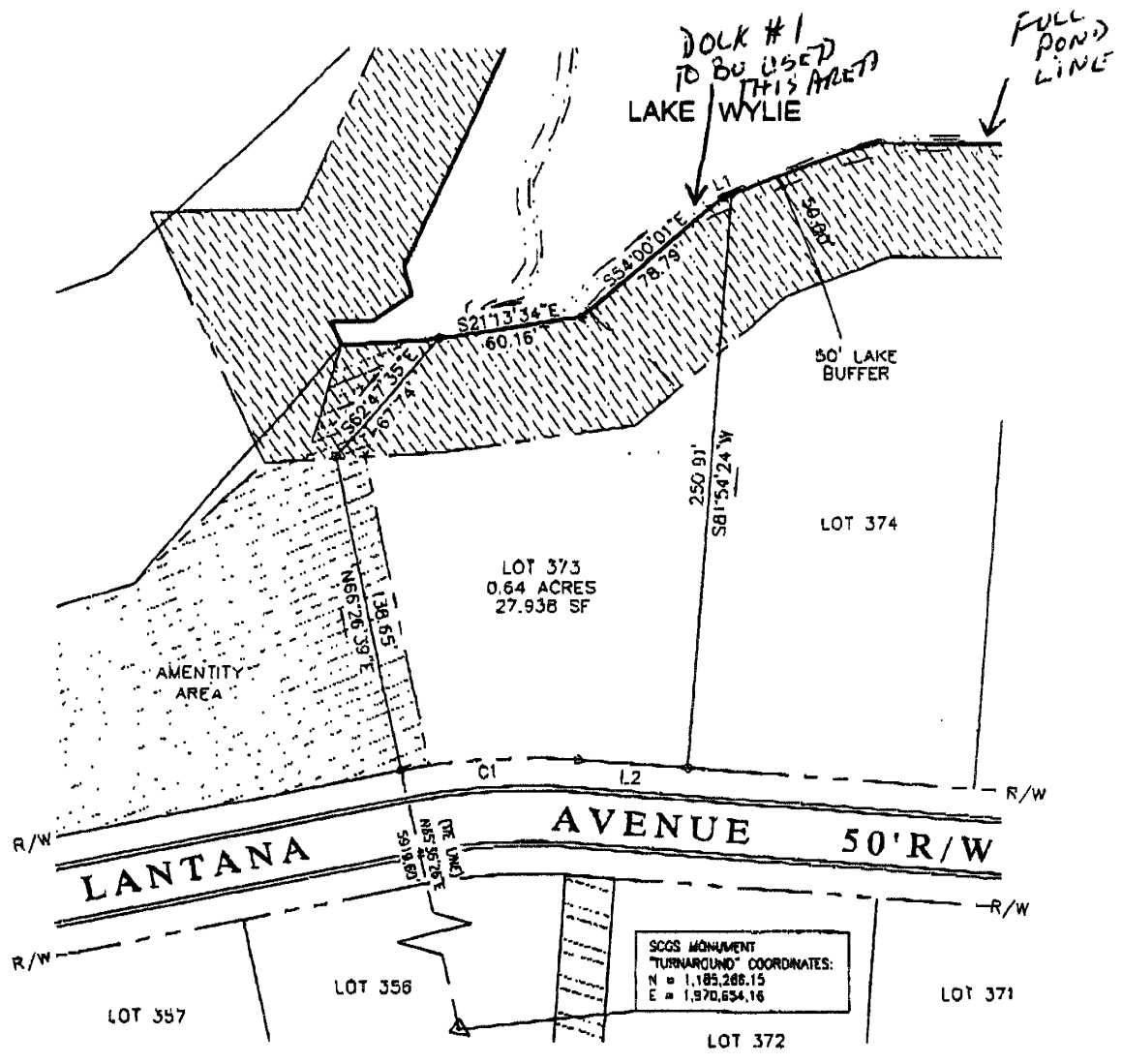
**AUTUMN COVE, LLC  
ALBERT OLIPHANT**



**LOCATION MAP**  
NOT TO SCALE

LINE TABLE - LOT 373		
LINE	LENGTH	BEARING
L1	3.90	S33°49'45"E
L2	45.78	N08°03'36"W

CURVE TABLE - LOT 373						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
B1	275.00'	74.22'	37.33'	73.69'	N15°49'26"W	152°27'45"



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8513

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Keck & Wood, Inc.  
315 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 373  
Revisions  
Date / Initials

Project Title: AUTUMN COVE DOCK R  
Project Location: LAKE WYLIE SC  
Applicant: ALBERT OLIPHANT  
Date: 3-25-08 Scale:  
Application #: Sheet 14 of 22

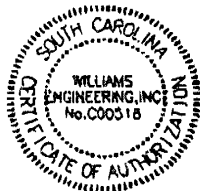
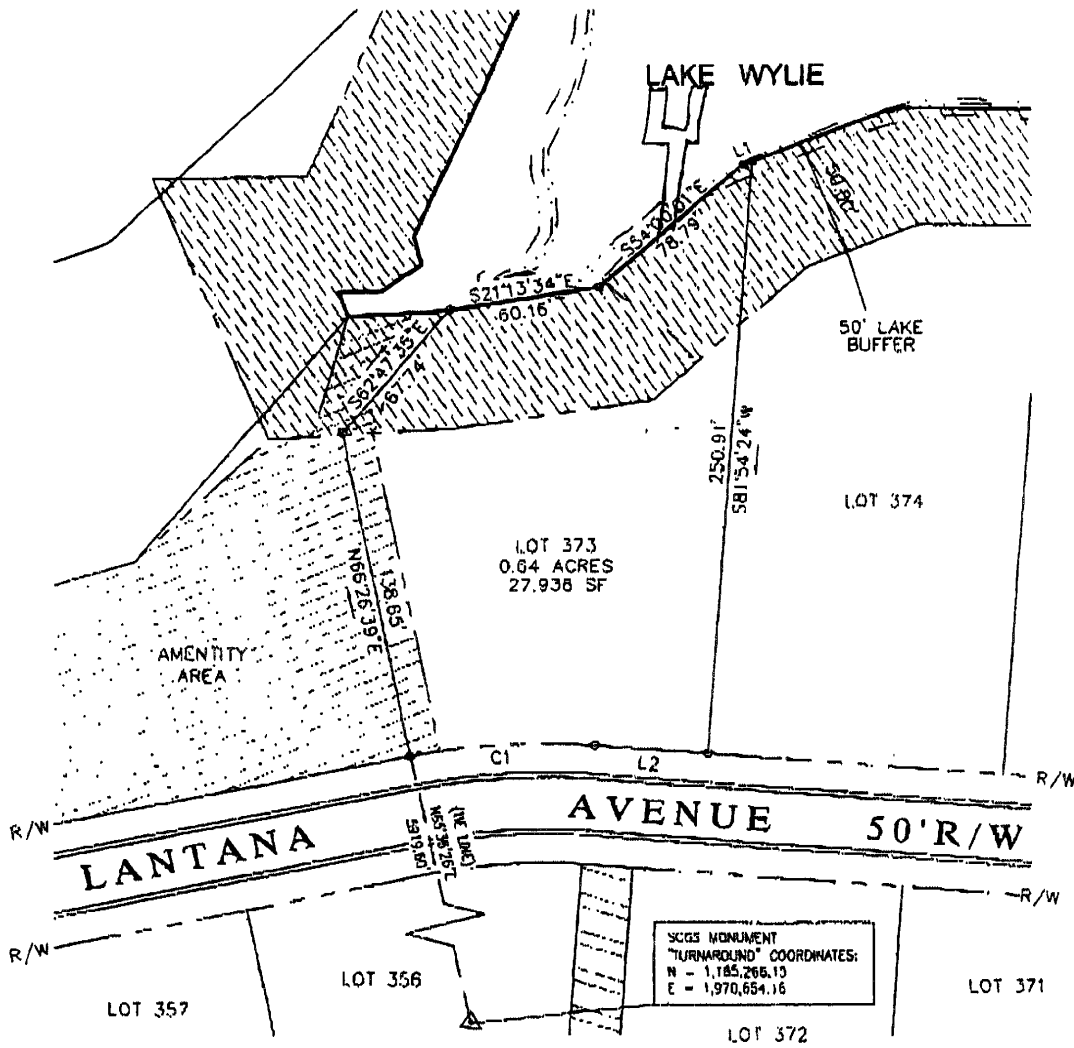
ALBERT OLIPHANT



LOCATION MAP  
NOT TO SCALE

LINE TABLE - LOT 373		
LINE	LENGTH	BEARING
L1	3.90	S33°49'43"E
L2	45.78	N08°05'38"W

CURVE TABLE - LOT 373						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	279.00'	74.22'	37.33'	73.99'	N15°49'28"W	15°27'45"



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613

Project Title: AUTUMN COVE

Project Location: LAKE WYLIE SC

Applicant: ALBERT OLIPHANT

Date: 3-25-08 Scale:

Application #: \_\_\_\_\_

Sheet of 14A 22

SCALE: 1" = 50'

CHECKED BY: EPW

DRAWN BY: ENG

DATE: 03/11/08

**Williams Engineering Inc.**  
A Subsidiary of Knack & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 373  
Doc  
Revisions

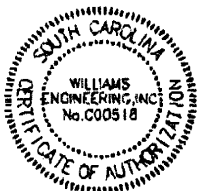
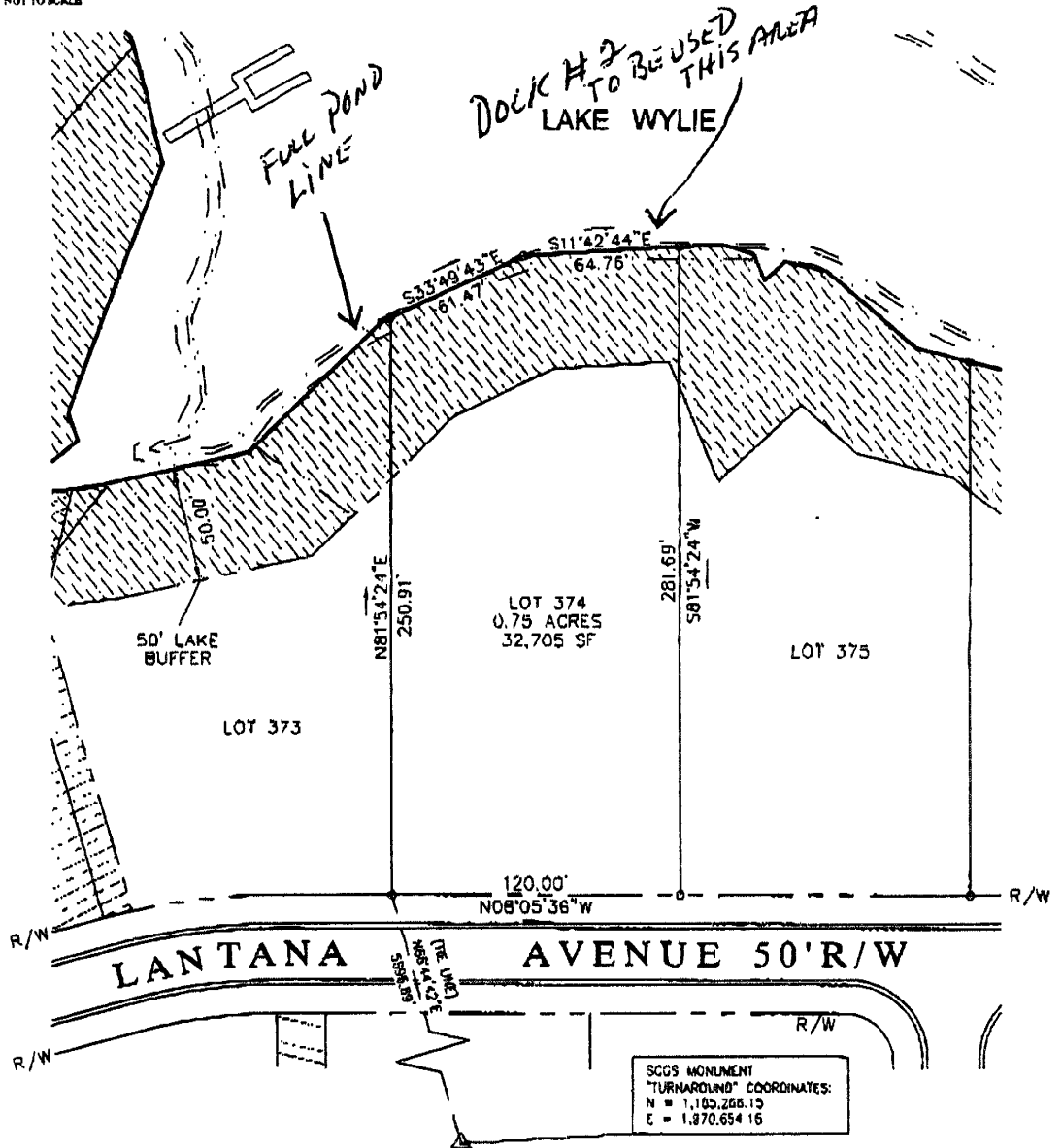
Date / Initials	Date	Scale
	3-25-08	

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



SITE

LOCATION MAP  
NOT TO SCALE



*Edward F. Woodward* 03/11/08  
EDWARD F. WOODWARD P.L.S. 8613

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**W/E** Williams Engineering Inc.  
A Subsidiary of Keck & Wood, Inc.  
215 Hampton Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-8919

Autumn Cove - Phase VII  
Lot 374  
Doc Revisions  
Date / Initials  
JOB NUMBER:

Project Title: AUTUMN COVE DOCK R.

Project Location: LAKE WYLIE S.C.

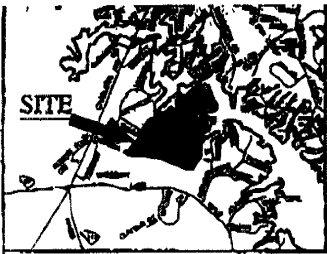
Applicant: ALBERT OLIPHANT

Date: 3-25-08 Scale:

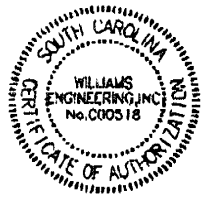
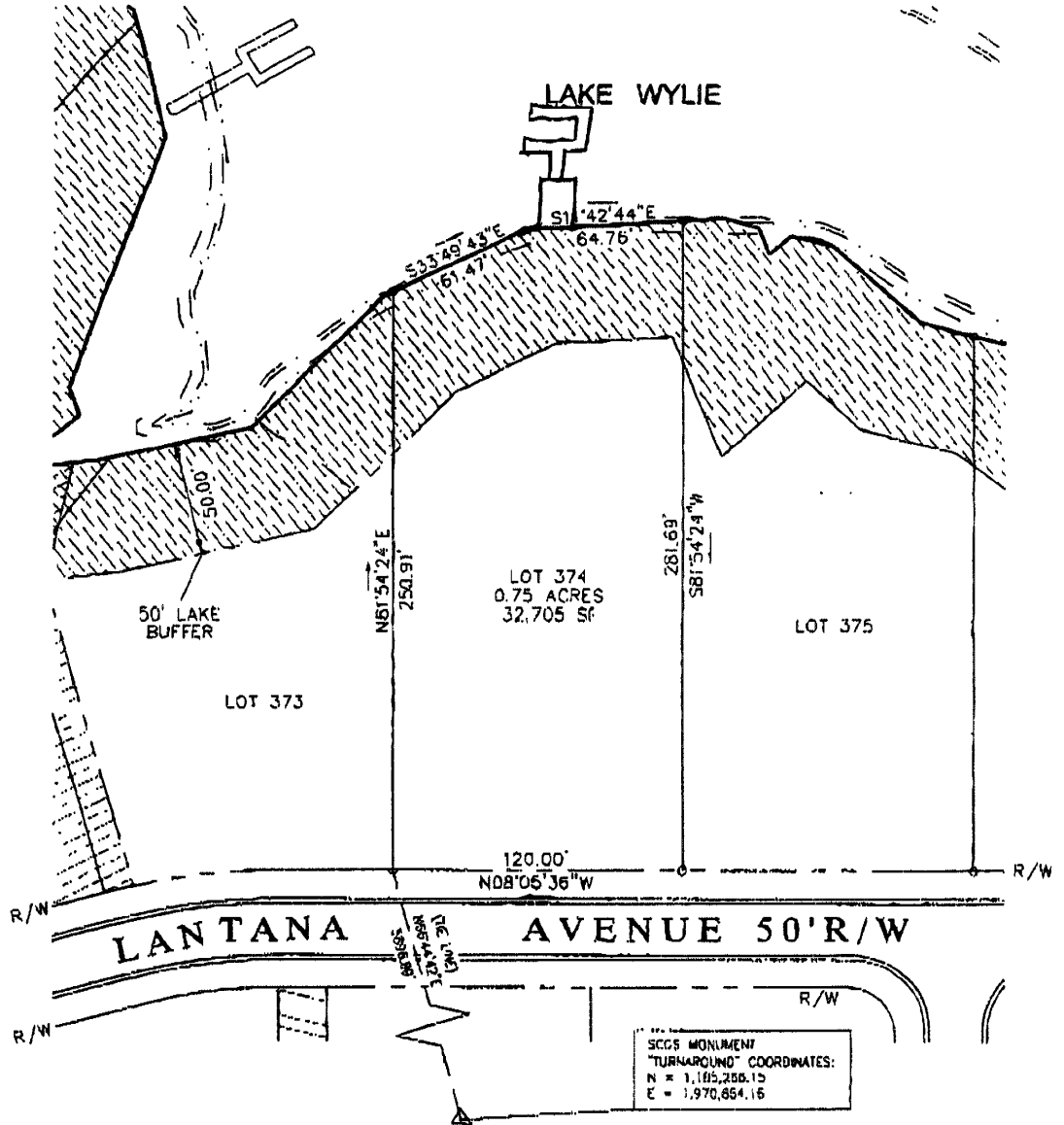
Application #: \_\_\_\_\_ Sheet 15 of 25



OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



LOCATION MAP  
NOT TO SCALE



*Edward F. Woodward*  
EDWARD F. WOODWARD P.L.S. 8613

SCALE: 1" = 50'	Williams Engineering Inc. A Subsidiary of Rock & Wood, Inc.	Autumn Cove - Phase VII
CHECKED BY: EFW		Lot 374
DRAWN BY: ERG	215 Hampton Street, Suite 100, Rock Hill, SC 29730 Phone: 803-324-3191 Fax: 803-324-8919	Date / Revisions
DATE: 03/11/08	JOB NUMBER:	Initials

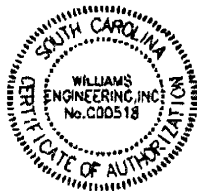
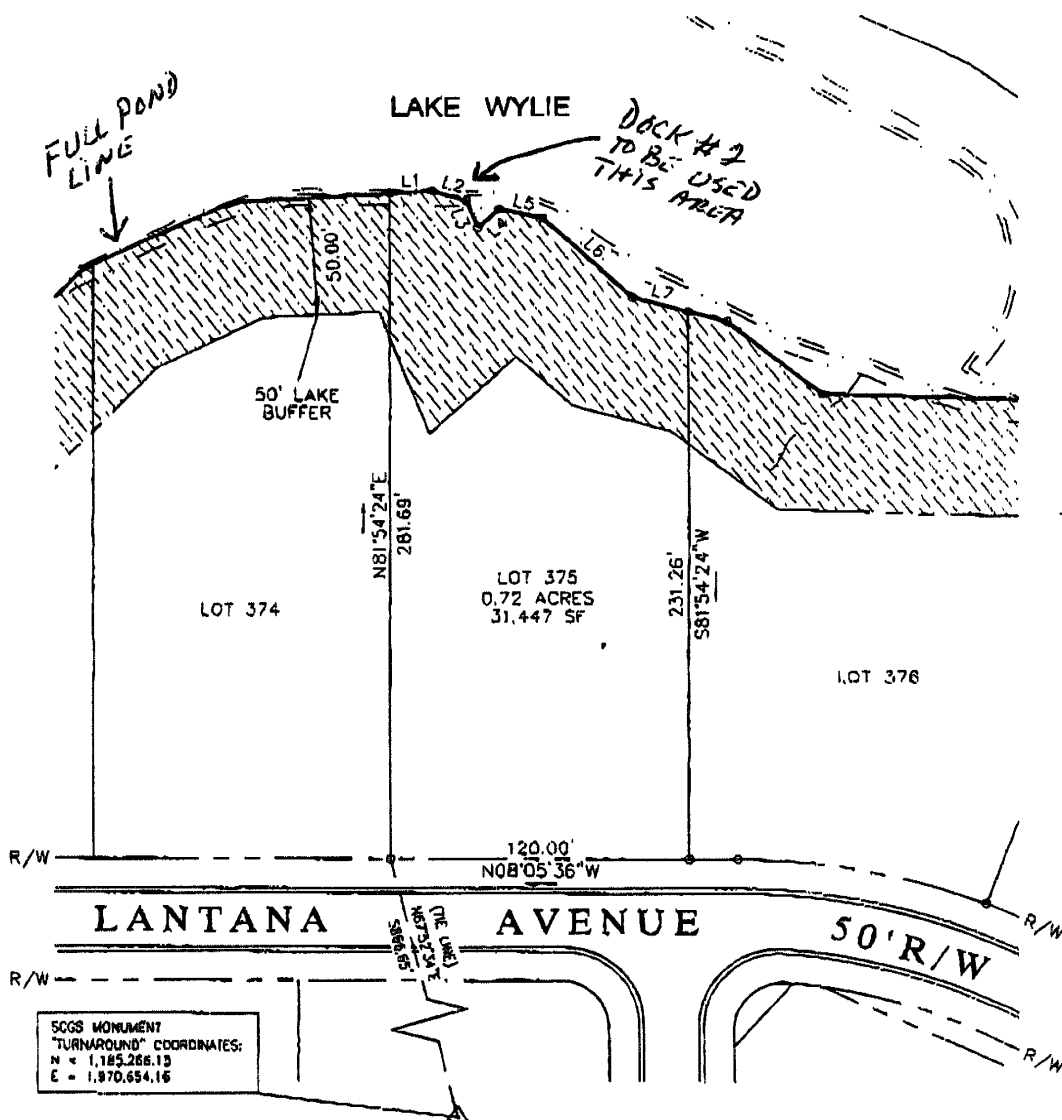
Project Title: <i>AUTUMN COVE</i>	
Project Location: <i>LAKE WYLIE SC</i>	
Applicant: <i>ALBERT OLIPHANT</i>	
Date: <i>3-25-08</i>	Scale:
Application #:	Sheet <i>15A</i> of <i>22</i>

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT



LOCATION MAP  
NOT TO SCALE

LINE TABLE		
LINE	LENGTH	BEARING
L1	17.18	S11°42'44"E
L2	14.37	S08°55'26"W
L3	12.56	S06°23'57"W
L4	11.68	S81°10'48"E
L5	17.72	S05°07'22"W
L6	49.86	S34°28'23"W
L7	22.78	S06°41'49"W



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613

Project Title: AUTUMN COVE DOCK #2  
 Project Location: LAKE WYLIE S.C.  
 Applicant: ALBERT OLIPHANT  
 Date: 3-25-08 Scale: \_\_\_\_\_  
 Application #: \_\_\_\_\_ Sheet 16 of 27

SCALE: 1" = 50'  
 CHECKED BY: EFW  
 DRAWN BY: ERG  
 DATE: 03/11/08

**Williams Engineering Inc.**  
 A Subsidiary of Kock & Wood, Inc.  
 215 Hampton Street, Suite 100, Rock Hill, SC 29730  
 Phone: 803-324-3192 Fax: 803-324-8919

Autumn Cove - Phase VII  
 Revisions  
 Date / Initials

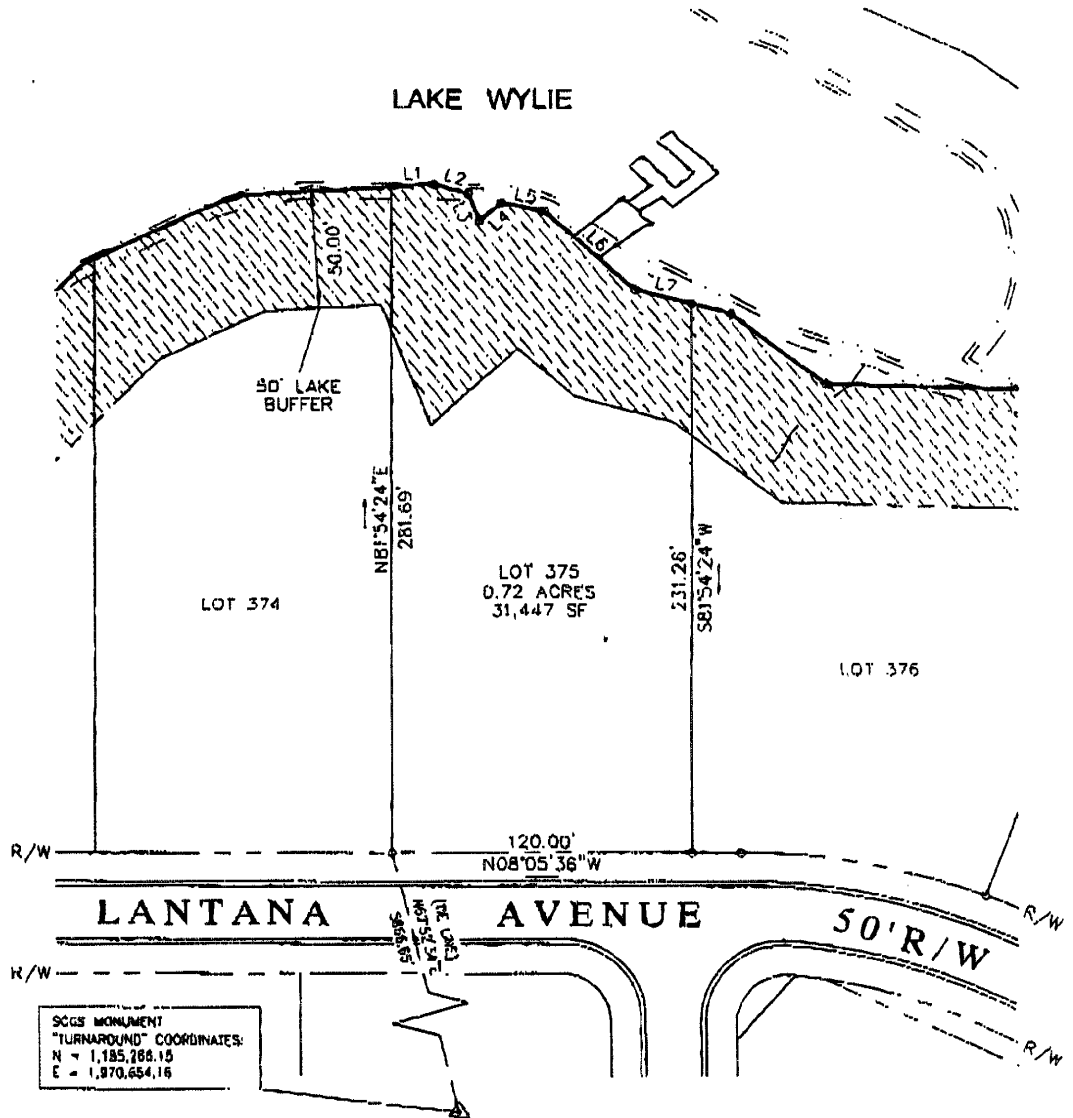


SITE

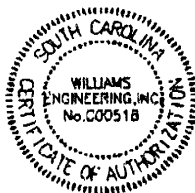
LOCATION MAP  
NOT TO SCALE

OWNER:  
AUTUMN COVE, LLC  
ALBERT OLIPHANT

LINE TABLE		
LINE	LENGTH	BEARING
L1	17.18	S11°42'44"E
L2	14.37	S07°56'28"W
L3	12.56	S07°23'57"W
L4	11.68	S51°10'46"E
L5	17.72	S06°07'22"W
L6	49.86	S34°29'23"W
L7	22.78	S06°11'49"W



SCGS MONUMENT  
"TURNAROUND" COORDINATES:  
N = 1,185,268.15  
E = 1,970,654.16



*Edward F. Woodward* 03/12/08  
EDWARD F. WOODWARD P.L.S. 8613



Project Title: <i>AUTUMN COVE</i>	
Project Location: <i>LAKE WYLIE SC</i>	
Applicant: <i>ALBERT OLIPHANT</i>	
Date: <i>3-25-08</i>	Scale:
Application #:	Sheet of <i>10A 22</i>

SCALE: 1" = 50'  
CHECKED BY: EFW  
DRAWN BY: ERG  
DATE: 03/11/08

**W/E** Williams Engineering Inc.  
A Subsidiary of Keck & Wood, Inc.

215 Hearnes Street, Suite 100, Rock Hill, SC 29730  
Phone: 803-324-3192 Fax: 803-324-8514

Autumn Cove - Phase VII

Revisions

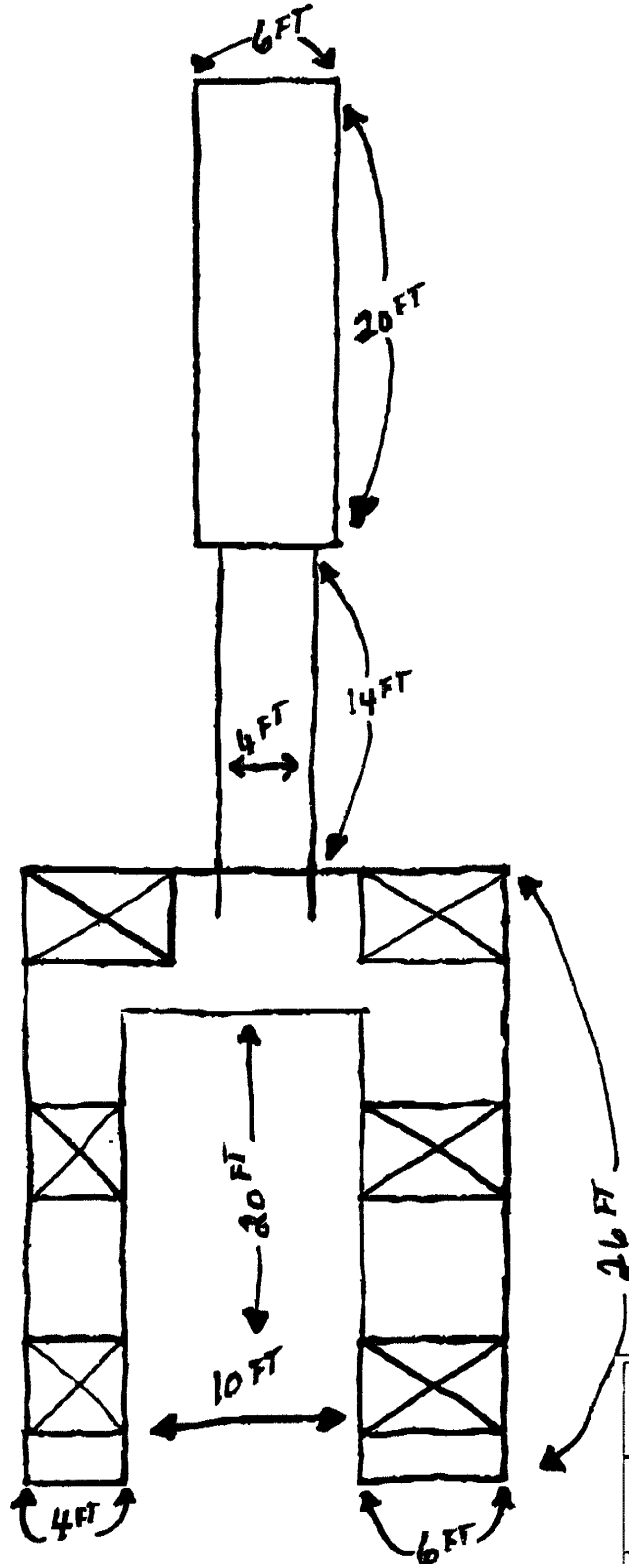
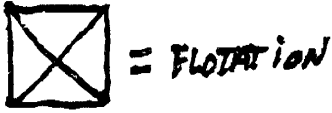
Date / Initials

JOB NUMBER:

### TOP VIEW

DOCK # 1: TO BE USED ON LOTS

302  
304  
344  
346  
354  
373



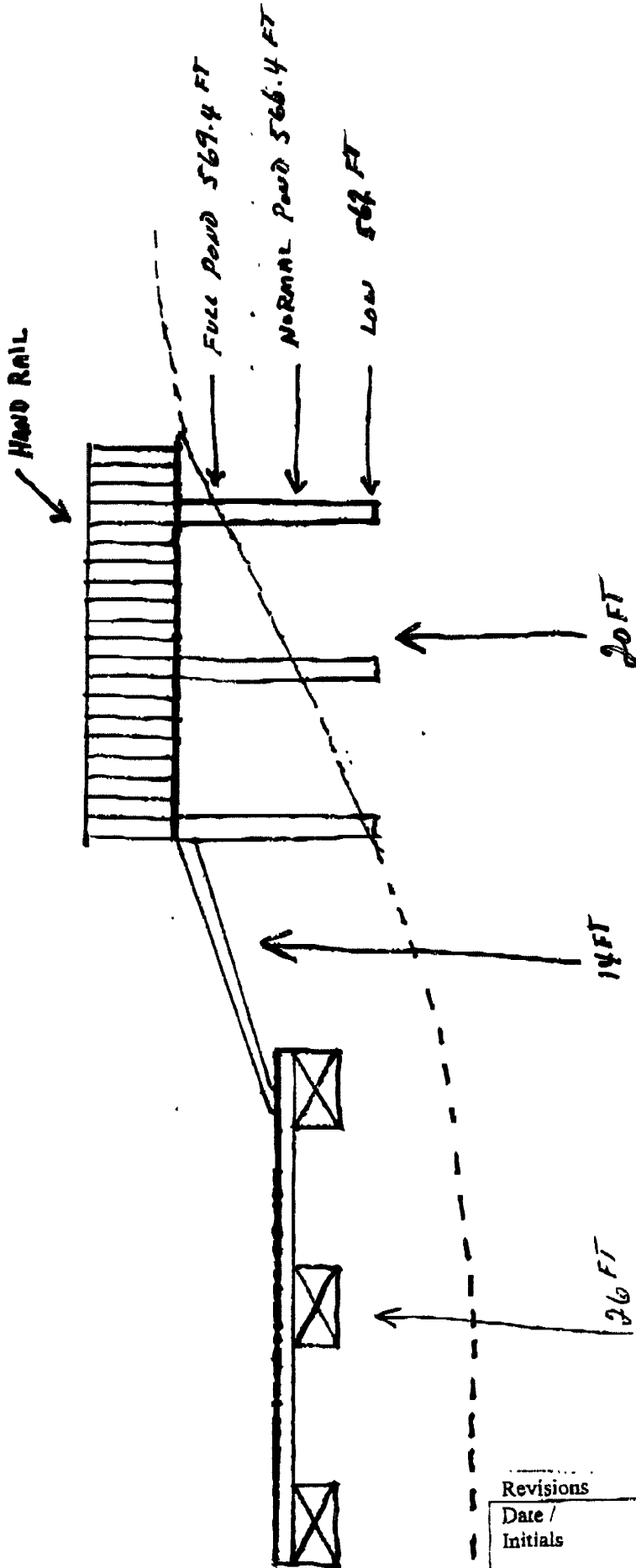
Project Title:	
AUTUMN COVE DOCK RG	
Project Location:	
LAKE WYLIE SC	
Applicant:	
ALBERT OLIPHANT	
Revisions	Date / Initials
	3-25-08
Date / Initials	Scale:
Application #:	Sheet 17 of 20



SIDE VIEW

Dock #1 To BE USED ON LOTS

- 302
- 304
- 344
- 346
- 354
- 373



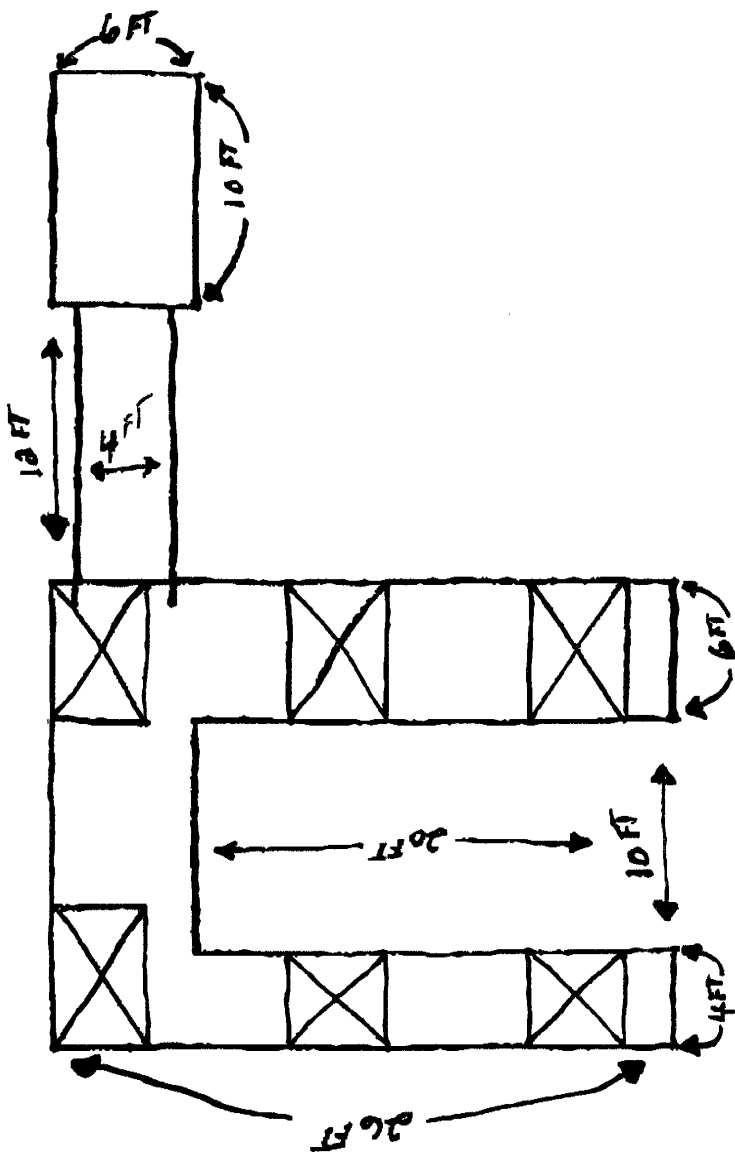
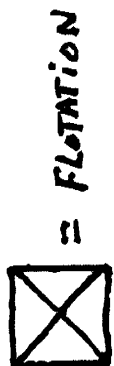
☒ = FLOTTATION

Project Title:		AUTUMN COVE Dock Rd	
Project Location:		LAKE WYLIE SC.	
Applicant:		ALBERT OLIPHANT	
Revisions	Date / Initials	Date:	Scale:
		3-25-08	
		Application #:	Sheet 18 of 22

TOP VIEW

DOCK #2 TO BE USED ON LOTS


282  
283  
374  
375

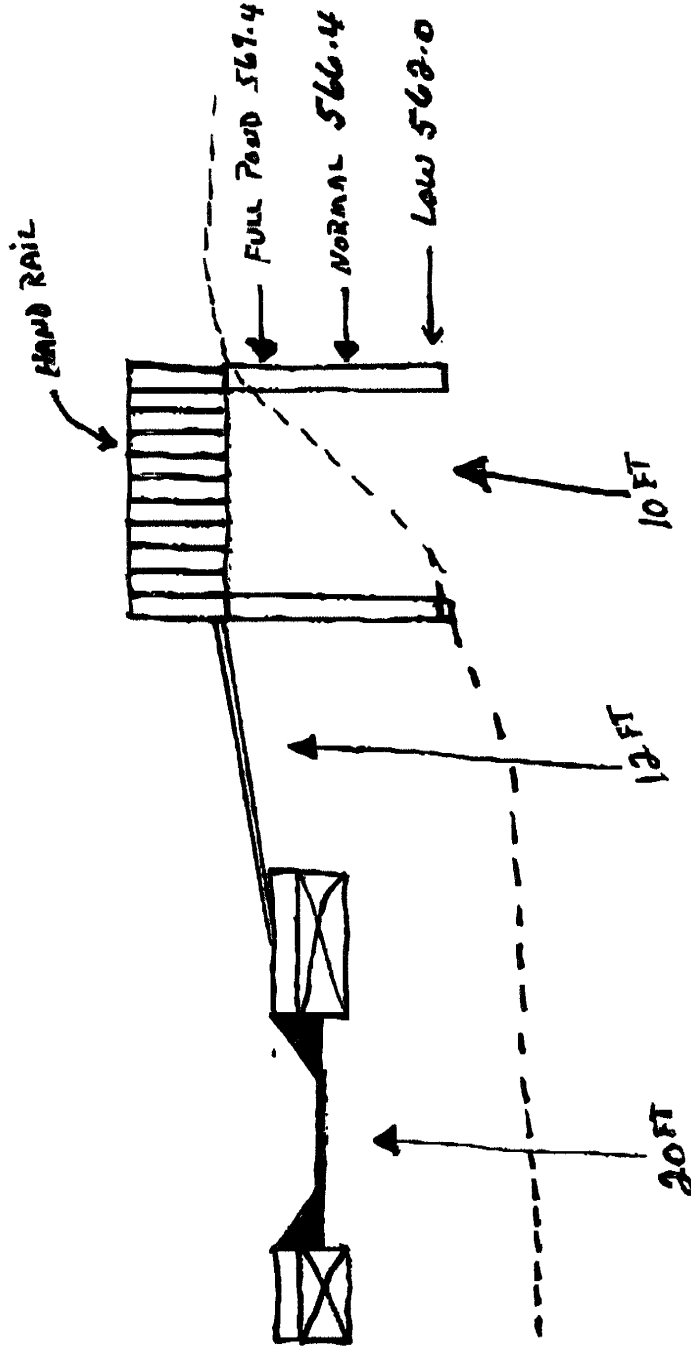


Project Title:		AUTUMN COVE DOCK RA	
Project Location:		LAKE WYLIE SC.	
Applicant:		ALBERT CLIPHANT	
Revisions	Date / Initials	Date:	Scale:
		3-25-08	
	Application #:	Sheet 19 of 22	

SIDE VIEW  
DOCK #2 TO BE USED ON LOTS

282  
283  
374  
375

 = FLOTATION



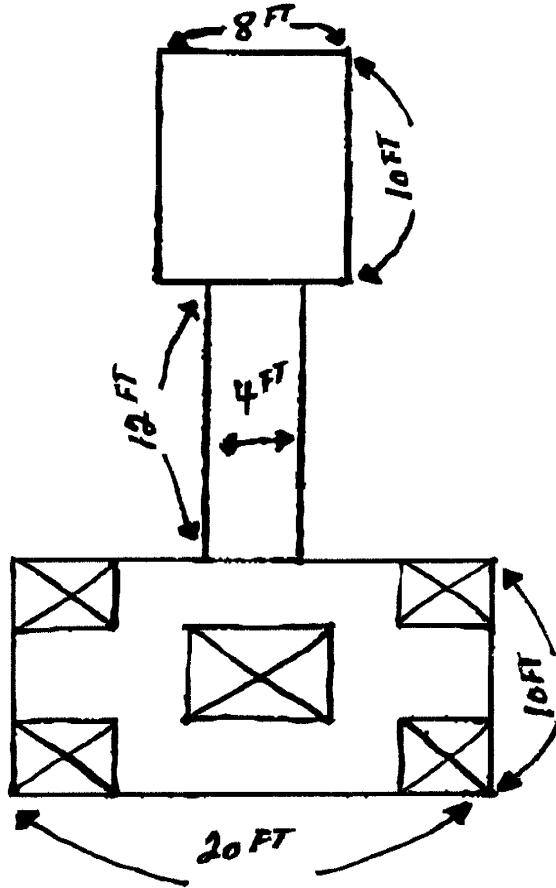
Project Title: <i>AUTUMN COVE DOCK RQ</i>		Project Location: <i>LAKE WYLIE SC</i>	
Applicant: <i>ALBERT OLIPHANT</i>		Date: <i>3-25-08</i>	
Revisions		Scale:	
Date /	Initials	Application #:	
		Sheet <i>20</i> of <i>27</i>	



= FLOTATION

### TOP VIEW

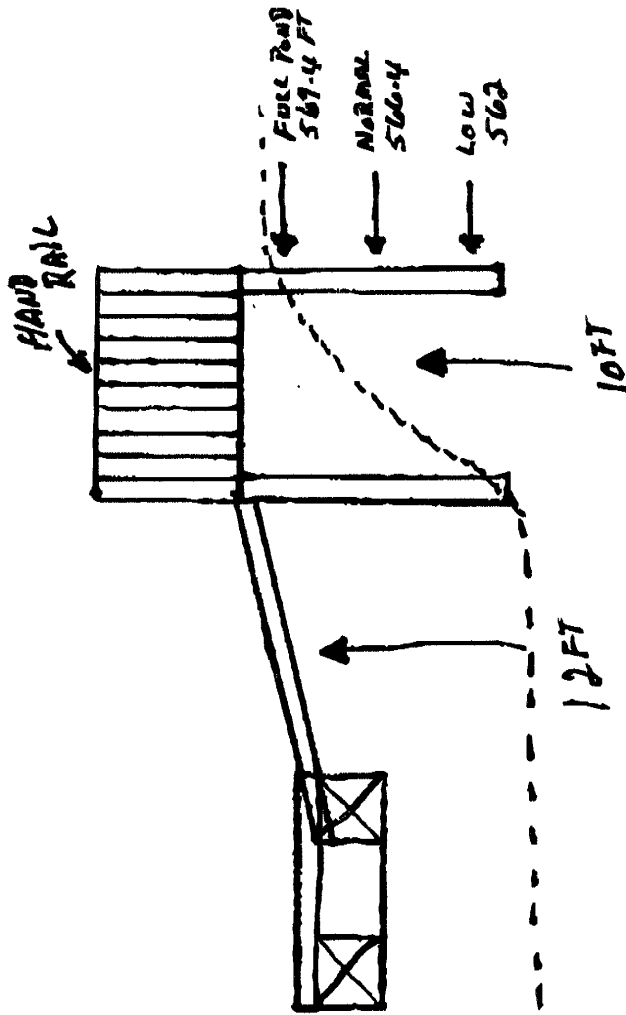
### DOCK # 3 TO BE USED ON LOT 311



Project Title:		
AUTUMN COVE DOCK PER		
Project Location:		
LAKE NYLIE SE		
Applicant:		
ALBERT OLIPHANT		
Revisions	Date:	Scale:
Date / Initials	3-25-08	
	Application #:	Sheet 21 of 22

SIDE VIEW  
Dock # 3 TO BE USED ON LOT 311

= FLotation



Revisions Date / Initials	Project Title: <i>AUTUMN COVE DOCK #3</i>		
	Project Location: <i>LAKE WYLIE SC</i>		
Applicant: <i>ALBERT OLIPHANT</i>		Date: <i>3-25-08</i>	Scale:
Application #:		Sheet <i>13</i> of <i>22</i>	