Site Address: 260 S. Harbor Watch Dr - Stat. Currat Owner: Terrence R. Streicher

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 140257 PIN# 4710290863 DATE 8-15-07

OWNER OR APPLICANT (Strom Construction) PHONE: Business 704-478-9460 Home 704-506-4000 Chris Strom

ADDRESS 2343 COFFEE Dr Sherrills Ford NC 28673

LOCATION BUFFALO SHOALS (L) LAUREL COVE (R) Harbor Gate (L) South Harbor WATCH AT END ON RT

SUBDIVISION HARBOR WATCH BLOCK / SECTION -1- LOT 30 LOT AREA 1.82AC SITE CLASS. PS DESIGN FLOW 480 L.T.A.R. .3

Septic Tank: 1000 Gallons; STB 794 Date 6-25-07

Pump Tank: 1000 Gallons; PT Pellizzer Date 8-17-07

Pump Make: Gould Model CO 7½ HC Serial No. 3/4hp

Nitrification Field: No Fields 1 Square Feet EQ=1600 Linear Feet 267'

No Lines 4 Trench Width 24" Max Trench Bottom Depth 36"

☒ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI

System Description: Low Pressure 50% REDUCTION

Repair System Description: SAME

Maintenance Agreement Required: ☒ Yes ☐ No

☒ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other

No. Bedrooms 4 No. Persons 8 No. Employees

Water Supply: ☒ Individual ☐ Public ☐ Community

Gravel Depth N/A ☐ Gravity ☒ Pressure ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement wo/plumbing

Comments:/Conditions: (1) Keep TANKS FROM ENCROACHING INTO THE 50' SETBACK From The LAKE (2) Keep Proper FALL WITH Supply Line to TANKS. (3) DUE TO Pit # 7 this is a saprolite system & ALL WELLS MUST BE 100' AWAY

INITIAL SITE SKETCH

SEE ATTACHED SYSTEM DESIGN BY LORNE COOK, R.S.

Comments:/Conditions: From this system & repair. (4) This system Is maximized For Space. Any unauthorized site disturbance or changes can void this permit. (5) DO NOT CUT Driveway (6) Keep House/Garage out of ground & BACK FILL For positive Drainage

AS BUILT SKETCH

REQUIREMENTS. DO NOT GRADE OUT. Met & Discussed the conditions with the Builder. LOT SLOPES IN FRONT OF GARAGE & the landscape falls back to the lake & toward the road. BACK Filling will not affect the system design. (7) DO NOT CUT OR GRADE Driveway or permit will be void. (8) CALL Prior to installation for pump sizing & system specs if necessary.

☒ BUILDER CALLED 9-16-07. WANTS TO SLIDE WELL UP & Changed 3 CAR GARAGE TO A 2 CAR GARAGE. EXPLAINED SETBACK From WELL TO SETBACK FROM LAKE 100', THUS 50', Home 25' house will slide up 11' DUE TO 2 CAR GARAGE CHANGE AND Front of Home will be in exactly same place which will not affect the system. Lorne Cook He may get a well variance from DENR TO HAVE WELL CLOSER TO HOME, BUT STILL MAINTAIN TWO OF SETBACKS

Permit can be suspended or revoked if any false information is supplied toward securing the permit/any unauthorized changes are made to the site/any unauthorized changes are made in the installation of the system. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: _____ date 8-16-07

Improvement Permit by: _____ date 8-15-07

Authorization to Construct by: _____ date 8-16-07

Installed by: Stanley Septic Service

Operation Permit by: _____, R.S. date 16 Apr 08

Existing System Inspection by: _____ date _____

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

ON THE 21ST DAY OF JUNE, 2007

REVISED JULY 9, 2007

CURVE_TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHD_BRG
C1	33.41	50.00	32.79	S45°31'25"W

SIGNED Jack R. Christian

REGISTERED SURVEYOR
JACK R. CHRISTIAN & ASSOCIATES
7811 OLD CONCORD RD. CHARLOTTE, N.C. 28213
PHONE: (704)596-2214

HARBOR30

Permit # 140257
Pin # 4710290863

LAKE NORMAN

N 49°59'48" E
71.22'

N 21°34'21" E
88.29'

50' BUFFER

N 13°43'11" E
27.45'

LOT 30
35,514 sq.ft.
0.82 acres

Potential WELL SITE

100'

ST

PT

Supply to be installed AT 30" Minimum AND SLEEVE UNDER DRIVE

No Valid Permit Found
No Expired Permit Found
NO Mobile Hwy Zoning
Permits Found under address or PIN #

PROPOSED HOUSE
BASEMENT

REPAIR

130'

37.0'

351.88'

LOT 31

17.5'

Driveway
PARKING

LOT 29

N 63°37'12" W 323.12'

S 38°33'38" E

CENTRAL VALVE BOX

SETBACK LINE

12'

Central

TURN UPS

SEPTIC FIELD FLAGS
R = RED FLAG
W = WHITE FLAG
B = BLUE FLAG
G = GREEN FLAG

TOTAL FOOTAGE=485'

I = Initial 54'/60'/90'/63'
R = Repair

9/18/07
HAD 155' ON Previous Drawing which was wrong. BUILDER CALLED & IS CHANGED TO 80'. Lane Look Rs.

154.2'

20'

12' DRIVEWAY

C1

VALID PERMIT

LOT 6/28/07 37

Neighbors Proposed WELL

BUFFALO SHOALS RD.

HARBOR GATE DR.

WATCH DR.

LAUREL CV.

OSTWALT FARM LN.

PINEVILLE RD.

N HARBOR

VICINITY MAP

EXPIRED LOT 28 4-5-97

EXPIRED LOT 27 4-8-97

LOT 26 EXPIRED 4-5-97

HARBOR WATCH DRIVE
50' PUBLIC R/W

GRAPHIC SCALE
40 0 20 40

PLOT PLAN

NOTE: OTHER R/W'S OR EASEMENTS MAY EXIST WHICH MAY NOT BE SHOWN.

OF

LOT 30, HARBOR POINTE, SECTION 1

SCALE 1"=40'

FALLSTOWN TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA

THE PROPERTY OF: STROM CONSTRUCTION
MAP RECORDED IN BOOK ____ AT PAGE ____ DEED RECORDED IN BOOK ____ PAGE ____

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: 146257
COUNTY: 4710290865

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Applicant
OWNER: Stran Lorst
ADDRESS: 214 Woodduck Loop Mount Holly NC 28117
PROPOSED FACILITY: 4BEDR
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: Arborwalk Lot 30
APPLICATION DATE: 1-17-07
DATE EVALUATED: morning
PROPERTY SIZE: 1.02
PROPERTY RECORDED: YES

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	37% L	0-16"	scl wkgr	fr nonplas	spot	pick hit 48"	lots of BASKETBALL SIZE ROCKS	BOULDER & ROCK OUT	US
		16-48"	scl wk sbk	fr ss sp so					
		48-56	hard rock	>50% mixed					
			with sprolite		> average most limiting factor		at pit soil		
2	37% L	0-24	scl wkgr	fr nonplas					US
		24-48	scl wk sbk	fr ss sp so					
		48"	rock hard	sidl					
		36"	ROCK LOW	SLOPE					
3	37% L	0-24	scl wkgr	fr nonplas	>	24" < 36"	ROCK	ROCK OUT	US
		24-45	scl wk sbk	fr ss sp so					
		45"	ROCK						
4	37% L	0-8"	scl wkgr	fr nonplas					US
		8-24	scl wk sbk	fr ss sp so					
		24-36	(mod sbk	fr ss sp so		36"			
		36"	ROCK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	LPSD	LPSD
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. LOOK
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP
CC (Concave Slope)	I
CV (Convex Slope)	
D (Drainage Way)	
DS (Debris Slump)	II
FP (Flood Plain)	
FS (Foot Slope)	
H (Head Slope)	III
L (Linear Slope)	
N (Nose Slope)	
R (Ridge)	
S (Shoulder Slope)	
T (Terrace)	IV

SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*
S (Sand)	1.2 - 0.8	0.6 - 0.4
LS (Loamy Sand)		
SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3
L (Loam)		
Si (Silt)	0.6 - 0.3	0.3 - 0.15
SiCL (Silty Clay Loam)		
CL (Clay Loam)		
SCL (Sandy Clay Loam)		
SiL (Silt Loam)		
SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05
SiC (Silty Clay)		
C (Clay)	None	None
O (Organic)		

MINERALOGY/ CONSISTENCE

NEXP (Non-expansive)
SEXP (Slightly Expansive)
EXP (Expansive)

STRUCTURE

G (Single Grain)
M (Massive)
CR (Crumb)
GR (Granular)
SBK (Subangular Blocky)
ABK (Angular Blocky)
PL (Platy)
PR (Prismatic)

MOIST

VFR (Very Friable)
FR (Friable)
FI (Firm)
VFI (Very Firm v. Very Sticky)
EFI (Extremely Firm)

WET

NS (Non-sticky)
SS (Slightly Sticky)
S (Sticky)
VS (Very Sticky)
NP (Non-plastic)
SP (Slightly Plastic)
P (Plastic)
VP (Very Plastic)

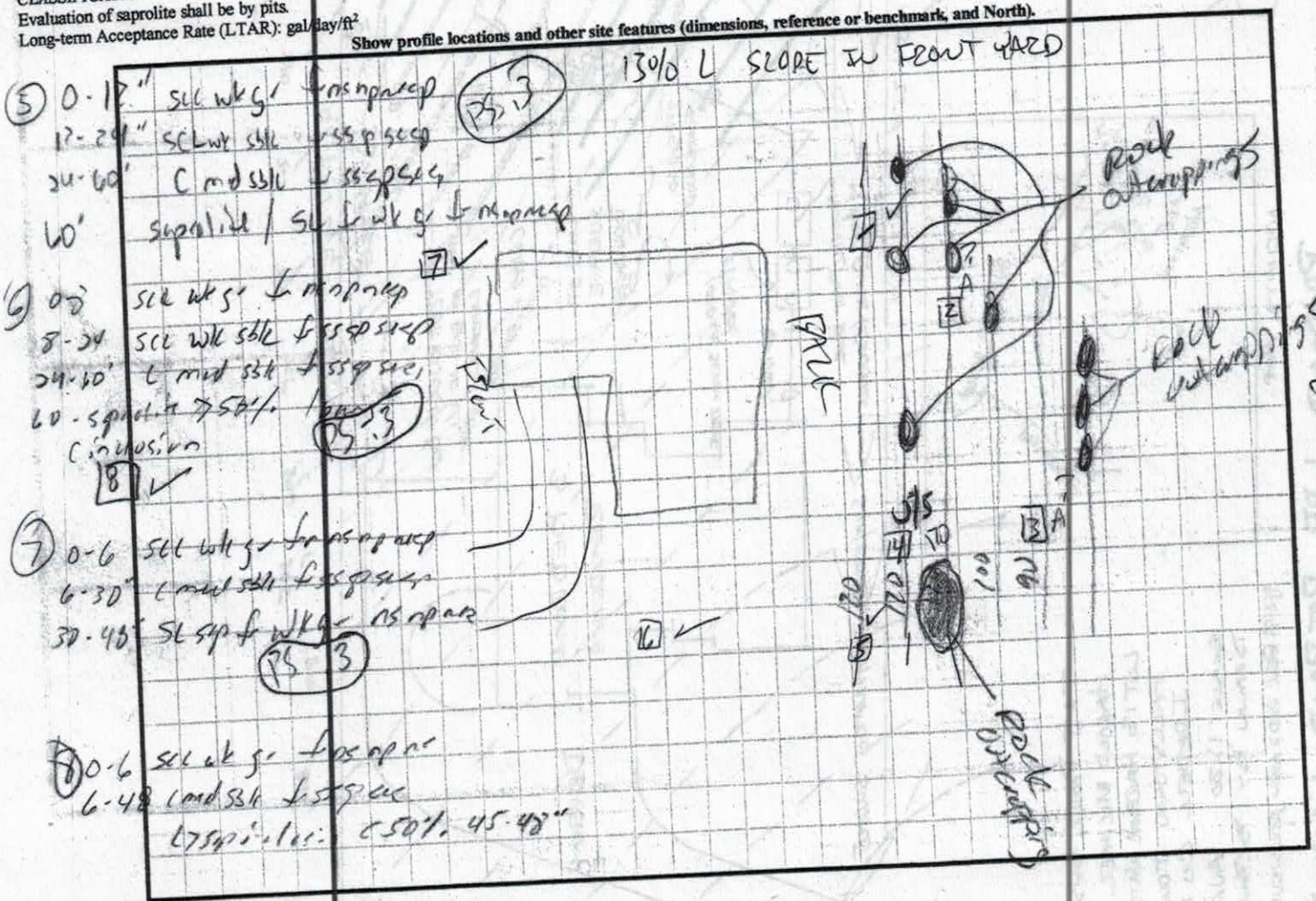
*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

NOTES

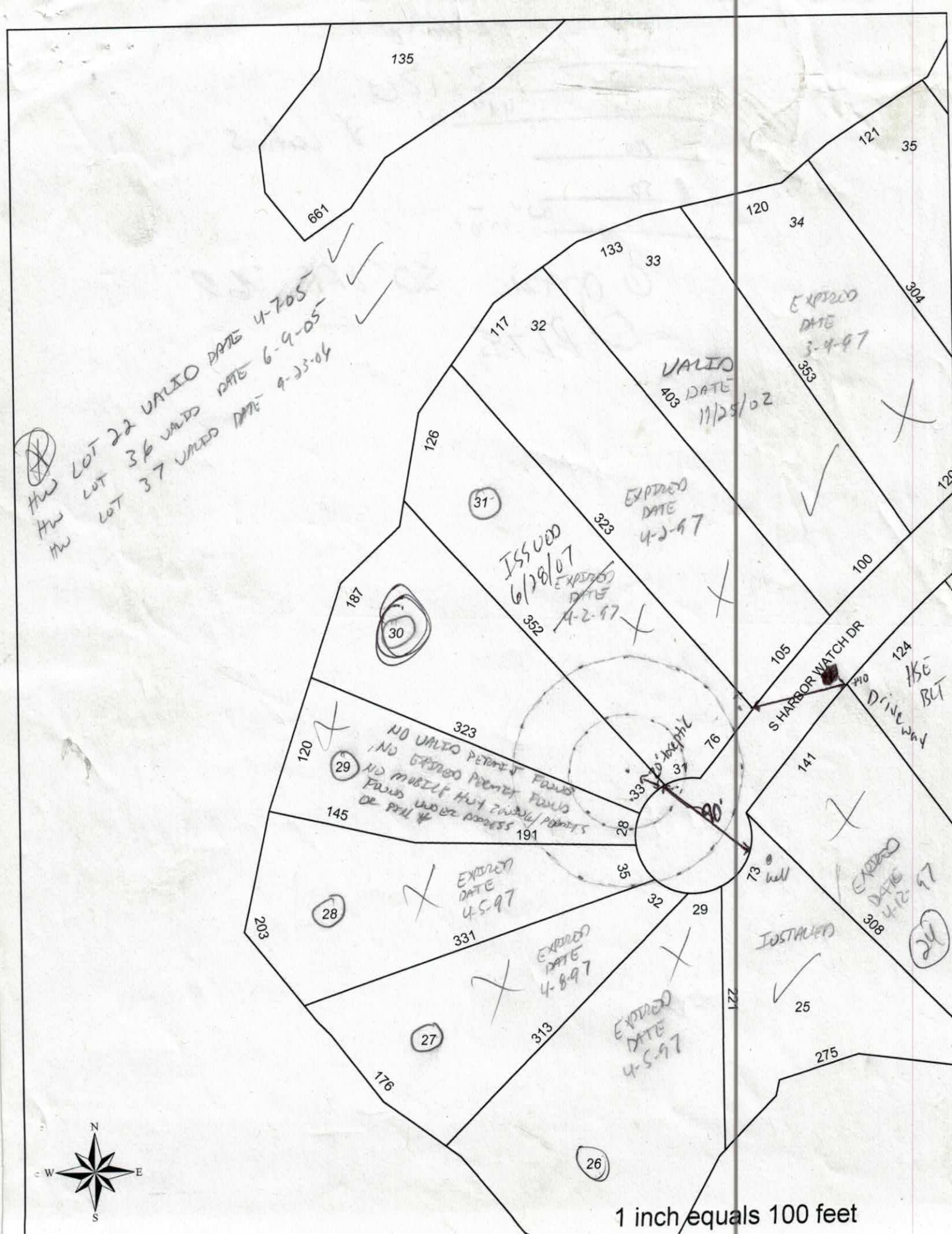
HORIZON DEPTH — In inches below natural soil surface
DEPTH OF FILL — In inches from land surface
RESTRICTIVE HORIZON — Thickness and depth from land surface
SAPROLITE — S(suitable) or U(unsuitable)
SOIL WETNESS — Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION — S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.
Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)



1 inch equals 100 feet

IREDELL COUNTY HEALTH DEPARTMENT

Application For Improvement Permit and/or Authorization To Construct, Existing System Inspection

(THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED - APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS)

1. APPLICATION FOR: ___ Improvement Permit ___Authorization To Construct ✓ BOTH ___Existing System Inspection

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application
   The following optional attachments may also be submitted: ___ Survey Plat, Scaled no more than 1 Inch = 60 Feet
   Place check ( ) beside whichever is submitted if applicable ✗ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Applicant Name	Mailing Address	(M) ~~Home~~ Phone	Work Phone
Chris Strom / stromConst. Inc	2343 Crofte Dr Sherrills Ford NC 28673	704 506-4000	828-478-9460
Owner Name	**Mailing Address**	**Home Phone**	**Work Phone**
Terry & Lisa Streicher	14 Brookshire Dr. Robinsville N.J. 08691	609-371-0561	

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
260 S Harbor Watch Dr	Harbor Watch	Lot 30

Driving Directions: _____

****

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

- (✓) New, Single Family Residence
- ( ) New, Multi-Family Residence
- ( ) Expansion of Existing Septic System
- ( ) Repair To Failing Septic System

Maximum Number of Bedrooms 4
Maximum Number of Occupants 8
If Expansion, Current Number of Bedrooms ___

- ( ) Crawl Space Foundation?
- ( ) Concrete Slab Foundation?
- (✓) Basement w/Plumbing?
- ( ) Basement w/out Plumbing?

IF Non- Residential Site Development:
Type of Business N/A
Square Footage of Building
Maximum Number of Employees
Maximum Number of Seats

****

6. Proposed Water Supply:

(✓) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

****

7. Desired Septic System Type: *(You may rank in order of preference, if any)* Less Exspensive

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other_____ ✗ No Preference

****

8. Please Answer The Following To The Best of Your Ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes ( ) No Is the site subject to approval by any other public agency?

****

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

9. Signature: _____ 2-1-07
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEATLH DEPARTMENT

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE SAMPLE SITE PLAN BELOW. INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!

Place an (X) beside each item as you complete the site plan:

- ___ **Property Line measurements are clearly identified…**
- ___ **All proposed structures are indicated…**
  SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site
- ___ **Front and side setbacks from property line…**
- ___ **Preferred driveway location and configuration, preferred well location…**
- ___ **Area you prefer your septic system to be placed…**
- ___ **North arrow, or other sufficient indicator of direction…**

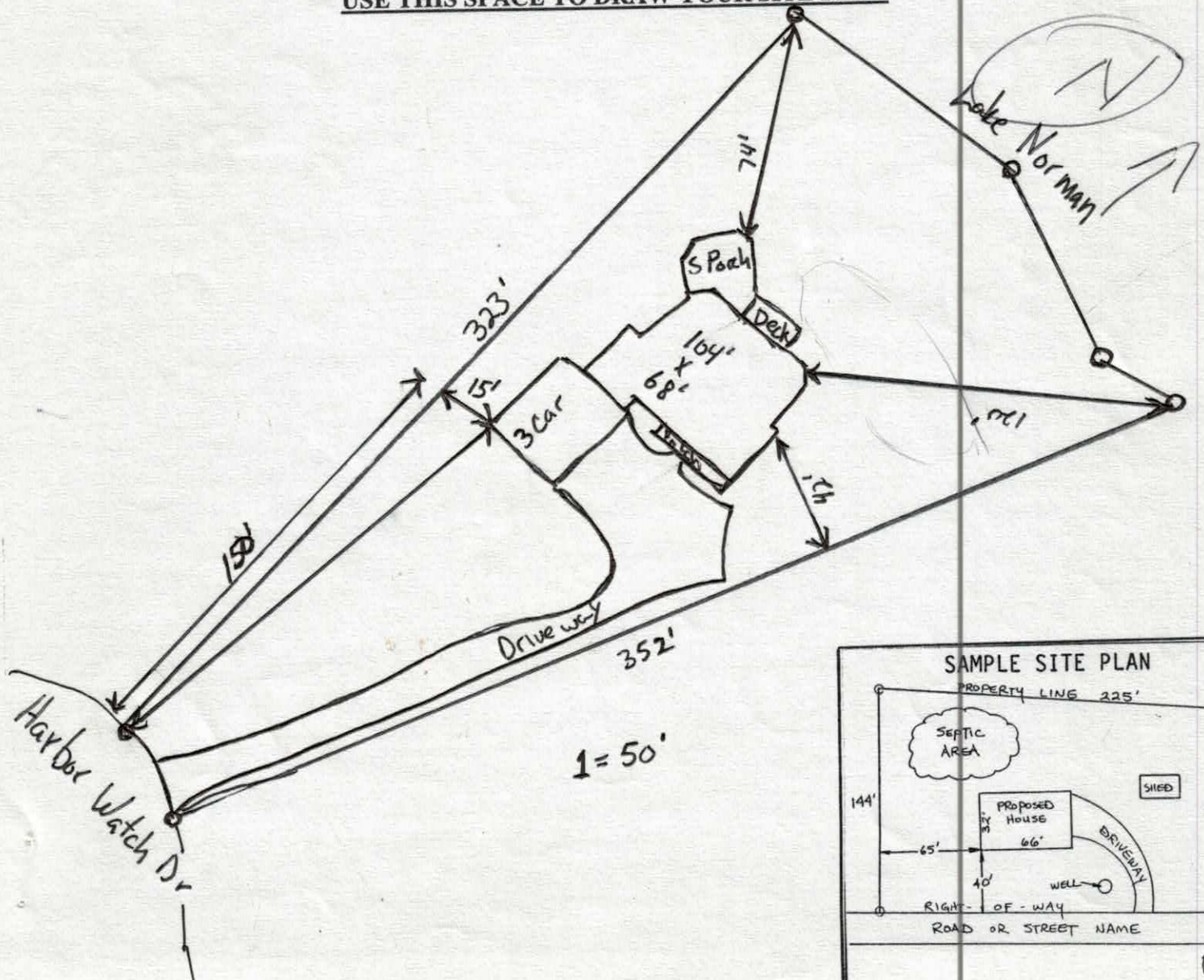
Circle N/A on the following if appropriate:

- ___ **Location of septic systems and wells within 100' of your property…** **N/A**
- ___ **Location of easements and rights of ways on your property…** **N/A**
- ___ **Location of any designated wetlands on the property…** **N/A**

Signature: _____ 2-1-06

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**

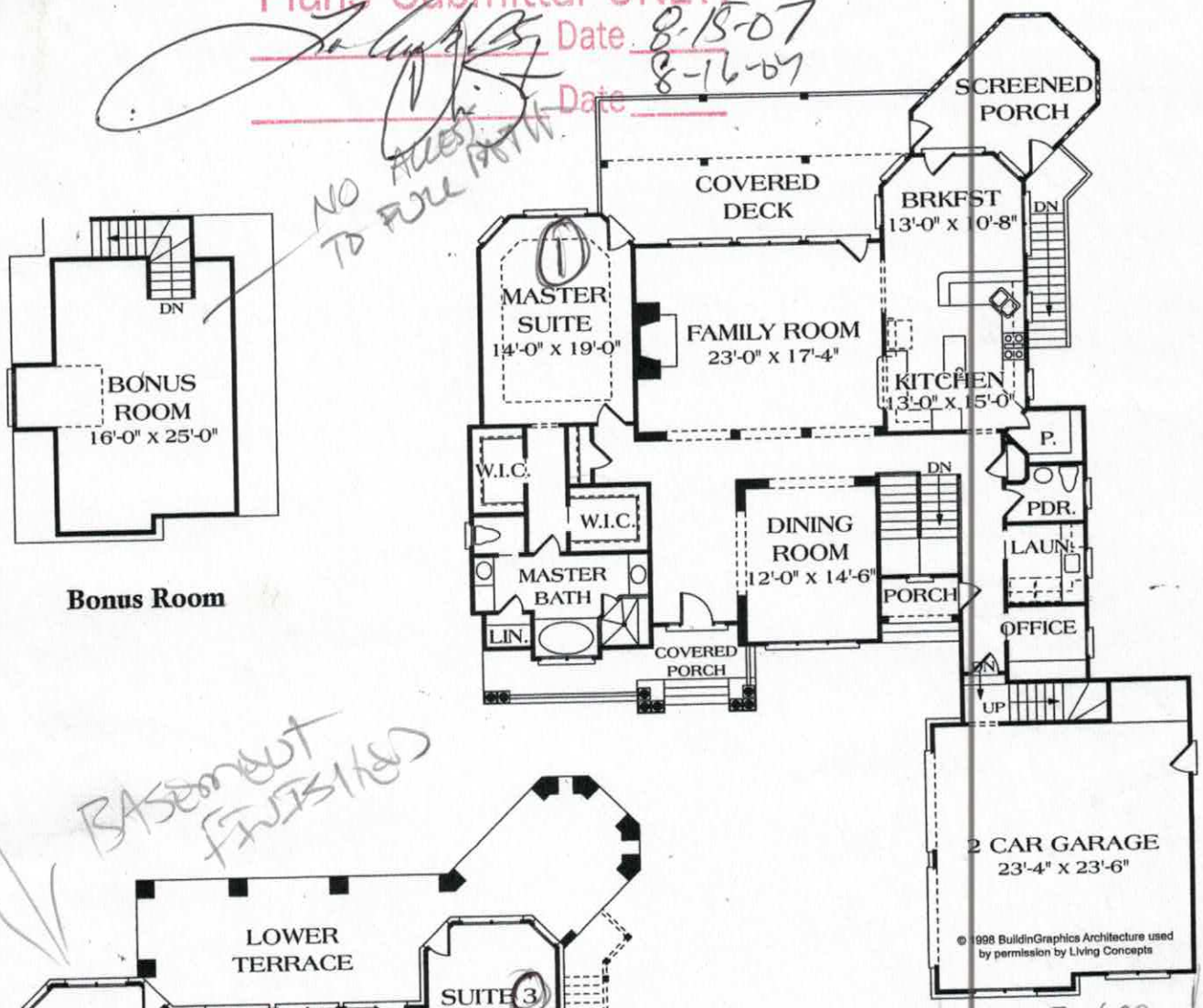
USE THIS SPACE TO DRAW YOUR SITE PLAN



Portsmouth

E-3546

Acknowledgement Of Plans Submittal ONLY!
Date 8-15-07
Date 8-16-07
Approved PLAN
NO ACCESS TO FULL PATH

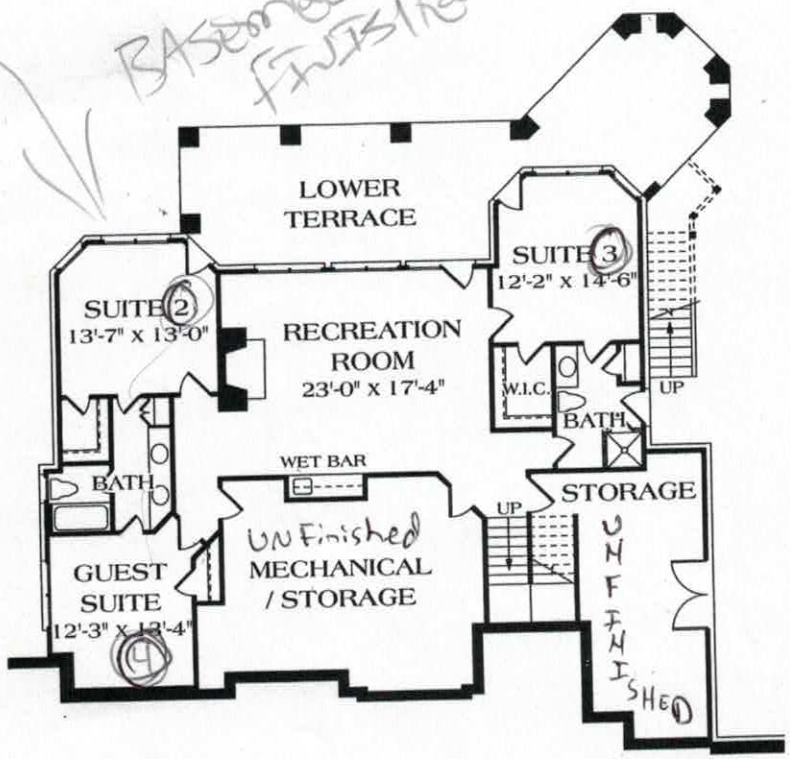


Bonus Room

First Floor Plan

BASEMENT FINISHED

3 CAR GARAGE 11' STAIRS ON SITE



Basement Plan

REVERSE PLAN

Plan Available on AutoCAD

PLAN SPECIFICATIONS

Basement	1,333	Sq.Ft.	**Bedrooms**	4
First Floor	2,213	Sq.Ft.	**Baths**	3.5
TOTAL	3,546	Sq.Ft.	**Width**	67'-2"
Bonus Room	430	Sq.Ft.	**Depth**	93'-2"
Garage	696	Sq.Ft.	**Foundation**	Basement
			Price Code	E

living concepts
Home plans by Frank Snodgrass
7400 Carmel Executive Park, Suite 150-B
Charlotte North Carolina 28226
Telephone: (704) 541-5917 Fax: (704) 542-1499
Website: www.livingconcepts.com

Iredell County
Planning & Enforcement
227 S. Center St. PO Box 788
Statesville, NC 28687
704-878-3113

Zoning Permit

Permit Number: 140257ZO

Printed: 1/16/2007

Master #: 140257

Associated Permits:
140257ZO Zoning

Applicant

Name: Strom Construction Inc
Address: 214 Wood Duck Loop
Mooresville, NC 28117
Phone: 704-664-9267

Parcel

Parcel Number: 4710290863.000
Address: 260 S Harbor Watch DR
STATESVILLE, NC 28677
Subdivision: Harbor Watch
Directions to Parcel:

Zoning: RA
Township: 1500
Area: .82
Lot(s): 30

Owners

Name: Terrence & Lisa Streicher
Address: 14 Brookshire Dr.
Robinsville, NJ 08691

Contractors

Contractor Type: Building
Name: Strom Construction Inc
Address: 214 Wood Duck Loop
Mooresville, NC 28117
Phone: 704-664-9267

Fees and Receipts:

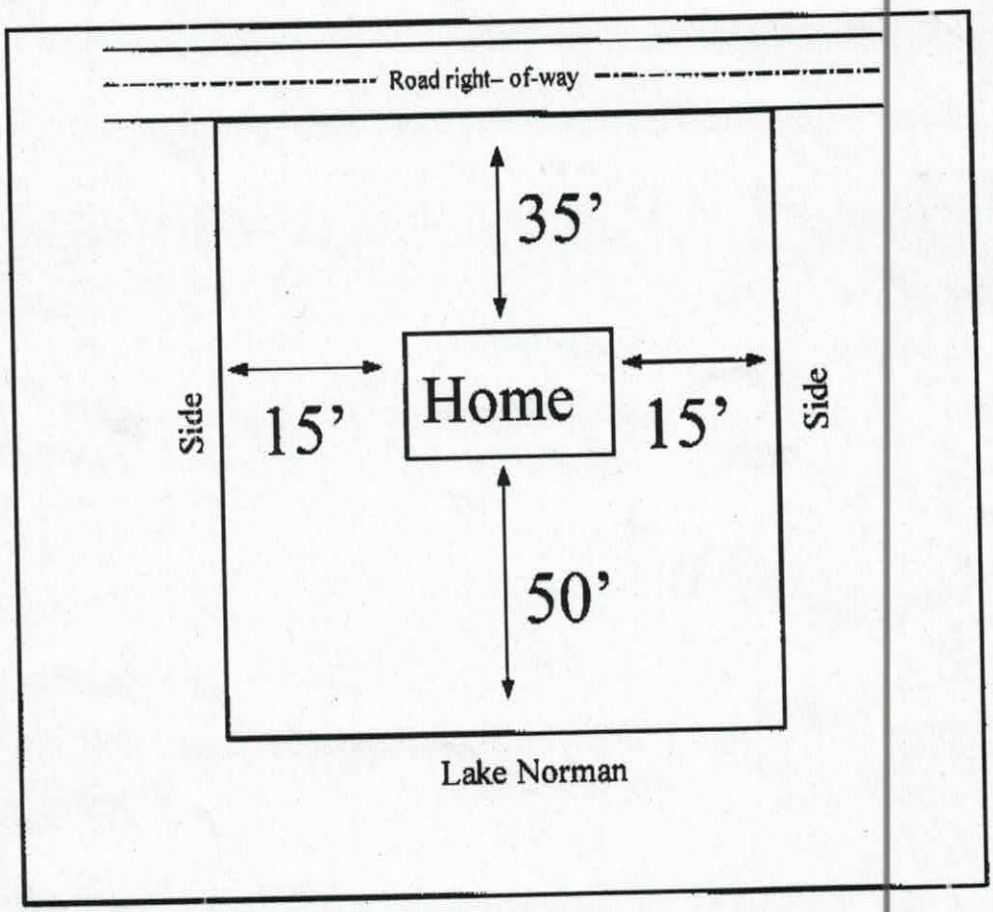
Number	Description	Amount
FEE-143319-07	Zoning - Permit / Inspection	$45.00
FEE-143320-07	Environmental Health - Type I or II System	$350.00
	Total Fees:	**$395.00**

ZONING DISCLAIMER

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. Applicant further acknowledges that the enforcement of deed restrictions, plat conditions, and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant Date

STREET NAME : 260 S Harbor Watch Dr.



In the box above indicate the location of the building's or structure's, their orientation to the front of the lot as indicated, and the setback distances to all property lines and the distances to any other building's or structure's on the lot. Also indicate the size/shape of the lot and the corresponding dimensions when necessary. The front of the lot is the portion which abuts a public right of way or easement.

REC-77676-07

	$395.00
Total Receipts:	**$395.00**

Conditions

Date: **Status:** **Code:**

Condition Description:

Condition Comments:

Permit Information:

Max Built Upon Area:	
Watershed:	WSIV-CA
Flood Zone:	No
Set Backs:	F35 R35 LS15 RS15
Minimum Lot Size:	25000
Minimum Lot Width:	100
Min # Parking Spaces:	
Land Use Permitted:	Yes
Community Sewer:	No
Site Plan Reviewed:	
Staff:	
Zoning Permit:	Yes
Septic Typet:	New System
Proposed Use:	Single Family
Property Recorded:	Yes
Community Water:	No
Provider:	
Provider:	
Date:	
# of Stories:	0
# of Bedrooms:	0
# of Units in Building	0

Site Plan Conditions:
Zoning Permit Comments: