IREDELL COUNTY HEALTH DEPARTMENT

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

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

S/D: Ht Harbour Estates Phase 1

PERMIT# 142103 PIN# 4625390064.057 / 4625.39.1637.57A DATE 5-14-07

OWNER OR APPLICANT Kelly Building & Development Corp PHONE: Business _____ Home _____

ADDRESS 386 Bay Harbour Rd Mooresville NC 28117

LOCATION Brawley Sch Rd. @ Bay Harbour, Corner of Bay Harbour & Windy Run on Right

SUBDIVISION Harbour BLOCK / SECTION 5 LOT 57A/57C LOT AREA 1.17 SITE CLASS. PS DESIGN FLOW 600 L.T.A.R. .30

Septic Tank: 1500 Gallons; STB 338 Date 3-27-08

Pump Tank: 1500 Gallons; PT 477 Date 11-20-07

Pump Make: Myers Model ME100 Serial No. _____

Nitrification Field: No Fields 1 Square Feet _____ Linear Feet 336

No Lines 4@84 Trench Width 24"/36" A Max Trench Bottom Depth 30 inch Gravel Depth _____

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

System Description: Low Pressure Pipe Block

Repair System Description: Same

Maintenance Agreement Required: ☐ Yes ☐ No

☑ House/Mod. Home ☐ Mobile Home ☐ Business ☐ Other _____

No. Bedrooms 5 No. Persons _____ No. Employees _____

Water Supply: ☐ Individual ☐ Public ☒ Community

☐ Gravity ☑ Pressure ☐ Slab ☐ Crawl Space ☑ Basement w/plumbing ☐ Basement wo/plumbing

Comments:/Conditions: 4" on center 19.0.c

Off site Septic

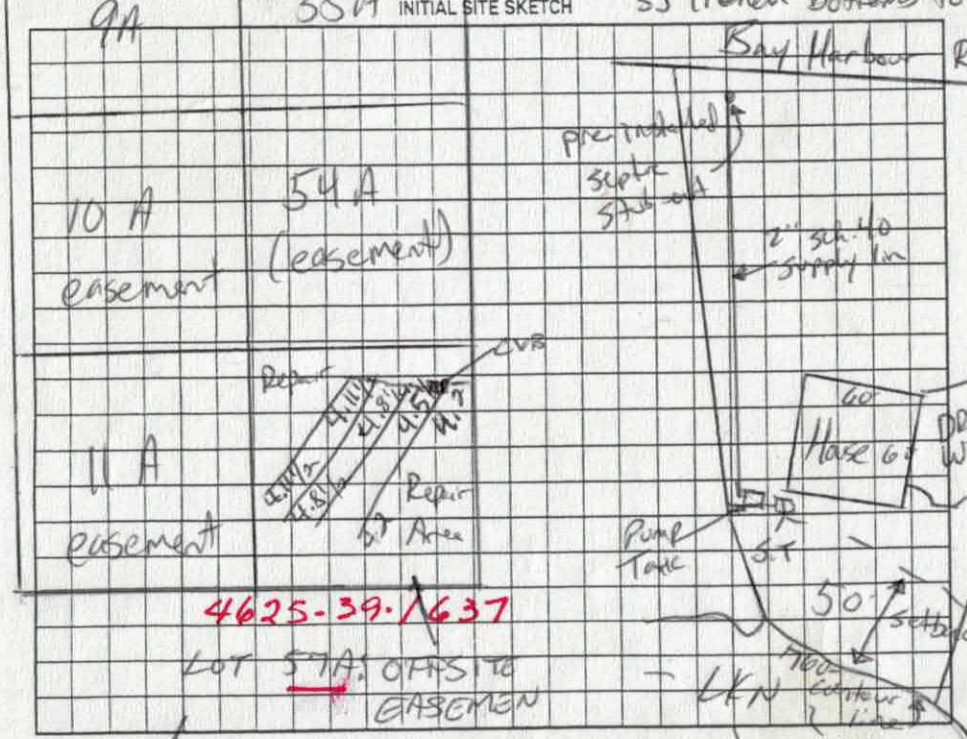
1) Lines & Tanks must be at least 10 ft from property lines 2) Supply line & Valve box at least 5 ft from prop. line 3) Trench bottoms to be at 30 INCHES on contour

Comments:/Conditions: Drilled 3/16" hole

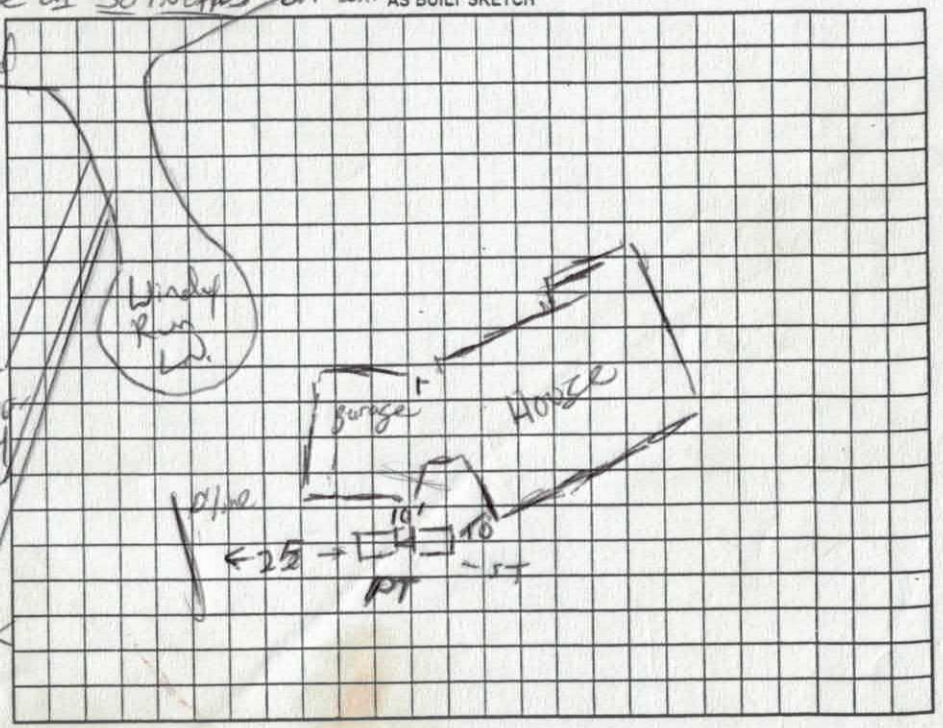
8/6/08 Lines Checked

9/22/08 Tanks checked by AC

INITIAL SITE SKETCH



AS BUILT SKETCH



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: WD Barger date 5-19-07

Improvement Permit by: Jeff E Apt date 5-22-07

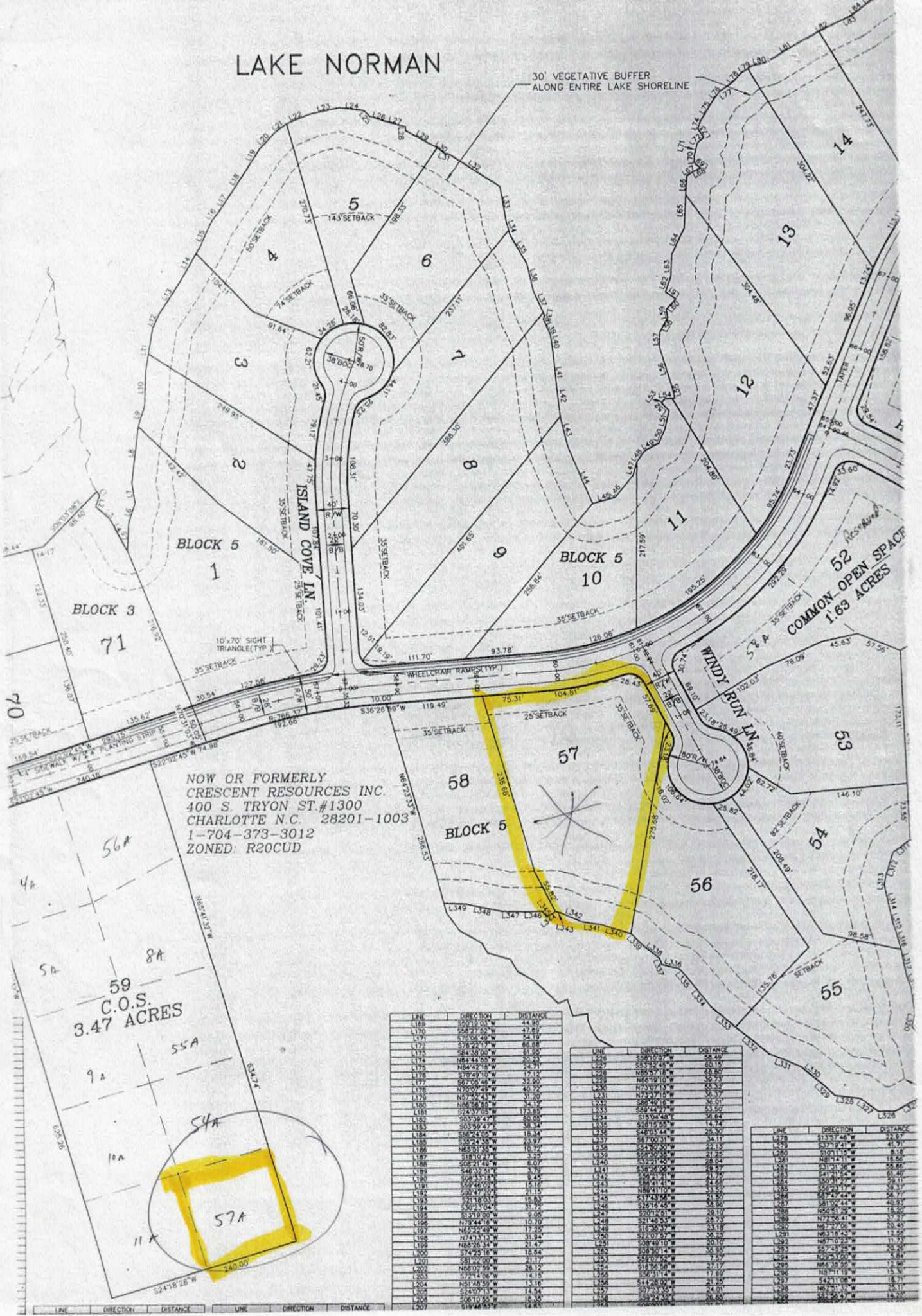
Authorization to Construct by: Jeff E Apt date 5-22-07

Installed by: R & H RS

Operation Permit by: Maintenance Office date 9/18/08

Existing System Inspection by: _____ date _____

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


LAKE NORMAN
30' VEGETATIVE BUFFER ALONG ENTIRE LAKE SHORELINE
ISLAND COVE LN.
WINDY RUN LN
BLOCK 5
BLOCK 3
COMMON OPEN SPACE 1.63 ACRES
NOW OR FORMERLY
CRESCENT RESOURCES INC.
400 S. TRYON ST.#1300
CHARLOTTE N.C. 28201-1003
1-704-373-3012
ZONED: R20CUD
59
C.O.S.
3.47 ACRES
35' SETBACK
25' SETBACK
WHEELCHAIR RAMP(S)(TYP.)
10'x70' SIGHT TRIANGLE(TYP.)

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

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: CRI APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 7-30-96
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Sea Trail Campsite Harbour Sec 13 PROPERTY RECORDED: _____
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) 1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (1941) 1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS 1942 SOIL WETNESS/ COLOR	1943 SOIL DEPTH	1956 SAPRO CLASS	1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 SFE J	L 6% SCRUBBED	0-3	gr bens L						.3+
		3-15	SSAB RC	fi sp 1:1					
		15-27	MSAB RCL	fr sssp 1:1					
		27-48	wk fsab RCL	fr sssp 1:1					
2 SFE S	L 6% eroded middle	0-9	red br sl/scl		few red mottles				PS .3+
		9-48	red c/ SSAB	mg fr 1:1					
3 SFE "	L 46%	0-3	R brn SL	fr					PS .3+
		3-12	SSAB RC	fi					
		12-38	MSAB RCL	fr					
		38-52	m-wk sab RSL w/red SAP	fr					
4 SFE " (Lot 57)	L 46%	0-6	red br sl	1:1					PS .3+
		6-24	red c SSAB						
		24-48	red cl MSAB						

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

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

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 57 Harbour PROPERTY RECORDED: _____
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR. HORIZ	PROFILE CLASS & LTAR
P,T 1		0-3		fr					
		3-12	SSMb RC	fr sp 1:1					
		12-40	wk smb yecl w/lw-sap fr sp	fr sp 1:1	immaculate management standards/corrections				.2-.25
		40-48	yecl loamy	fr					
		48-65	yL SP						
AA 2		0-7	sp e-bew SL/scl						
		7-19	Mo wk smb e-bew	fr sp mixed					.1-.2
		19-48	ybew fsl w/ pockets CL						
3									
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

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	Home Phone	Work Phone
			704-664-9222 (KB+D.)
William Barger	144 Sunrise Cir	704-663-5564	
Owner Name	Mailing Address	Home Phone	Work Phone

4. **Property Information:**

386 Bay Harbour Rd. (Street Address) — The Harbour (Subdivision Name) — Lot 57 (Section/Phase and Lot Number)

Driving Directions: Brawley School Rd, Right on Bay Harbour Rd, On Right Corner of Bay Harbour + Windy Run.

****

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 5
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

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

IF Non- Residential Site Development: NA
Type of Business ___
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)*

( ) 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:** ___ DATE

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

1 SECOND FLOOR PLAN

NOT FOR CONSTRUCTION

BARGER RESIDENCE
LOT 57, THE HARBOUR
(SUNSET POINT)

BARCO DESIGN CONSULTANTS

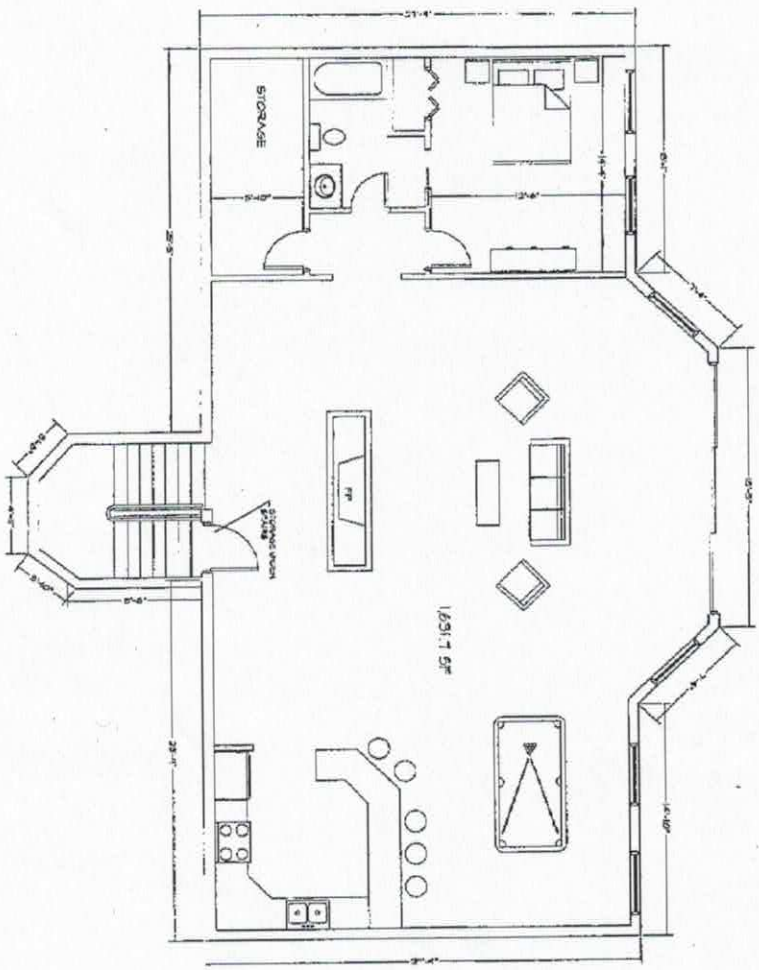
SHEET TITLE
SECOND FLOOR PLAN

SHEET NUMBER
A-102

Acknowledgement Of
Plans Submittal ONLY!
Date 5-24-07
Date 5/29/07
Acknowledgement Of
Plans Submittal ONLY!
1 FIRST FLOOR PLAN
NOT FOR CONSTRUCTION
BARGER RESIDENCE
LOT 57, THE HARBOUR
(SUNSET POINT)
BARCO
DESIGN CONSULTANTS
A-101
FIRST FLOOR PLAN

3pgs

To: "Joseph-Enviro (Septic) @ 704-664-9737 Fax#
From: KB+D Corp @ 704-664-9222 (fax# 704-664-9879)
For: Permit # 14210320 Lot 57 The Harbour
Barger Residence



1 BASEMENT PLAN

NOT FOR CONSTRUCTION

A-103

BASEMENT FLOOR PLAN

BARGER RESIDENCE
LOT 57, THE HARBOUR
(SUNSET POINT)

BARCO DESIGN CONSULTANTS

May 17 07 12:17p Kelly Building Dev Corp (704) 664-9879 p.1

DEVELOPER PERMIT

— Barger's —

Iredell County

ZONING PERMIT

227 South Center St. PO Box 788 Statesville, NC 28687 Phone 704-878-3118

Call Sanitarian between 8 a.m. & 9 a.m. Statesville 704-878-5305 Mooresville 704-664-5281

Permit #:	142103ZO	Subdivision:	The Harbour
Proposed Use:	Single Family	Township:	1700 Davidson
Location of Property:	386 BAY HARBOUR RD MOORESVILLE NC 28117		
Parcel #:	4625390064.000	Zoning:	R20
Lot #:	57 Size: 1.17	Flood Plain:	No Watershed: WSIV-CA
Applicant:	Kelly Building & Development Corporation	Owner:	William Barger
Address:	122 Pointe Harbor Lane Mooresville NC 28115	Address:	144 Sunrise Circle Mooresville, NC 28117
Phone:	704-664-9222	Phone:	704-663-5564
Property Recorded:	Yes Site Plan Reviewed:	Community Water:	No Community Sewer:

If permitted the following minimum requirements must be met, unless Health Department requires more land area, or other qualifications are indicated in the comments.

Min. Lot Area:	30000	Min. Front Yard:	35 ft	Min. Left Side Yard:	15 ft
Min. Lot Width:	100	Min: Rear Yard:	50 ft	Min: Right Side Yard:	25 ft
Min. Number Parking Spaces:		Max. Built Upon Area:			

Comments:

Directions:

BRAWLEY SCHOOL RD, RIGHT BAY HARBOUR , CORNER OF BAY HARBOUR AND WINDY RUN

FEES

Zoning Permit/Inspection Fee	☑	$45.00
Site Plan Review Fee	☐	$0.00
Environmental Health New System	☑	$350.00
Environmental Health Existing System	☐	$0.00
Total Fees:		$395.00

I certify that all statements made in this application and any attached documents are true, complete, and correct to the best of my knowledge and belief and are made in good faith. I understand that false information may be grounds for rejection of this application. Authorized Health Department and Planning & Enforcement Representatives are granted right of entry to make evaluations or inspections and to release information upon public request.

Applicant:_____ Date: _____

A non-refundable fee of $45.00 is charged on all permit applications.

ALAINA DILLARD Printed: 4/9/2007