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

Zoning Permit

Permit Number: 121605ZO

Printed: 10/19/2012

Master #: 121605

Associated Permits:

121605ZO	Zoning
121605EC	Erosion Control

Applicant

Name: Ken Jones
Phone: 704-400-7485
Address: 1020 JOnes Rd
Mt Ulla, NC 28125

Parcel

Parcel Number: 4639612620.000
Zoning: RA
Address: 123 Bay Shore LOOP
MOORESVILLE, NC 28117
Township: 1700
Area:
Subdivision: Bay Crossing
Lot(s): 30
Directions to Parcel: Perth Rd south, right on Liva Ln, right on Bay Crossing Dr, left on Bayshore Lp site on lakeside

Owners

Name: Amy & Chris Dirig
Address:

$ PAID #280.00 10-19-12

Contractors

Fees and Receipts:

Number	Description	Amount
FEE-266693-07	Zoning - Permit Application	$75.00
FEE-266694-07	Technology Fee - Planning	$2.25
FEE-266696-07	Environmental Health - ~~In Office Plan Review~~	$40.00 ~~$320.00~~
FEE-267769-07	Environmental Health - ~~Gravity System~~ #280.00	~~$500.00~~ ~~$40.00~~ #280.00
	Total Fees:	**$617.25**
REC-139112-07		~~$117.25~~
REC-139565-07		~~$500.00~~ #280.00 (cd)

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for IMPROVEMENT PERMIT , AUTHORIZATION TO CONSTRUCT, or 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 #	Alternate Phone #
Ken Jones	1020 Jones Rd Mt. Ulla, NC 28125	704-603-7181	704-400-7485
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Christopher Dirig	123 Bay Shore Loop, Mooresville, NC 28117	704-403-0093	

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
349 North Center St, Mooresville	Bay Crossing	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
( ) Other _____

Maximum Number of Bedrooms 4
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:
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: Natalie G. Morgan — PAID 10/8/12 — 10/8/12
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:

- X — Property Line measurements are clearly identified…
- X — 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
- X — Front and side setbacks from property line…
- X — Preferred driveway location and configuration, preferred well location…
- X — Area you prefer your septic system to be placed…
- X — North arrow, or other sufficient indicator of direction…

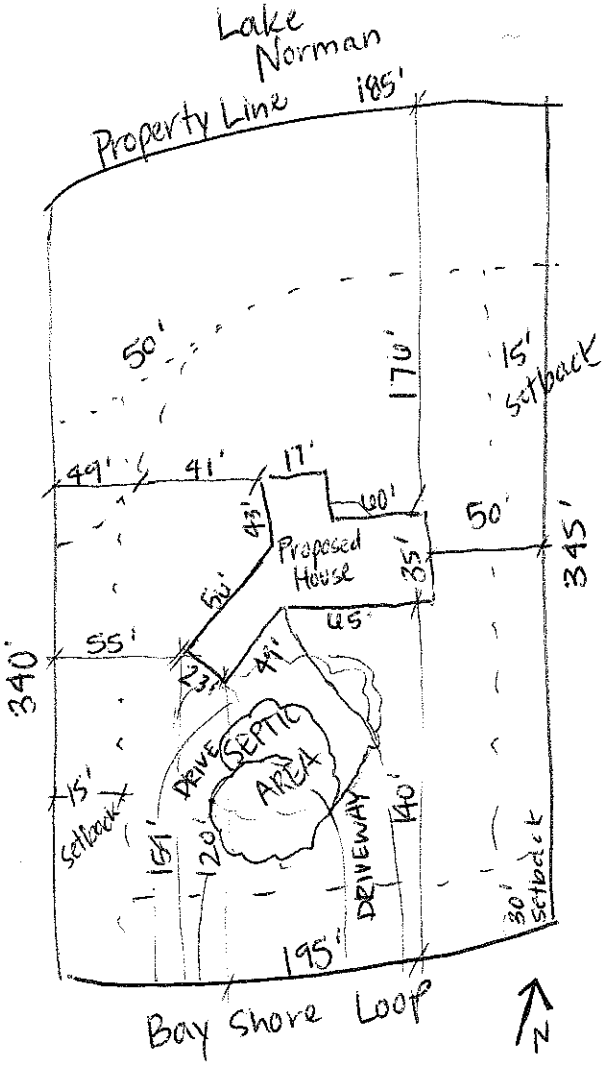
Circle N/A on the following if appropriate:

- ____ 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

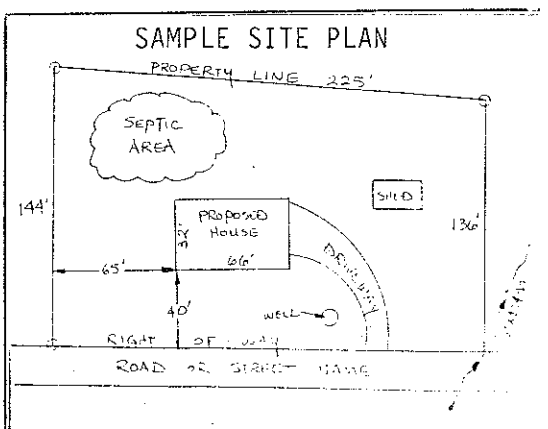
Signature: Natalie Magar
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

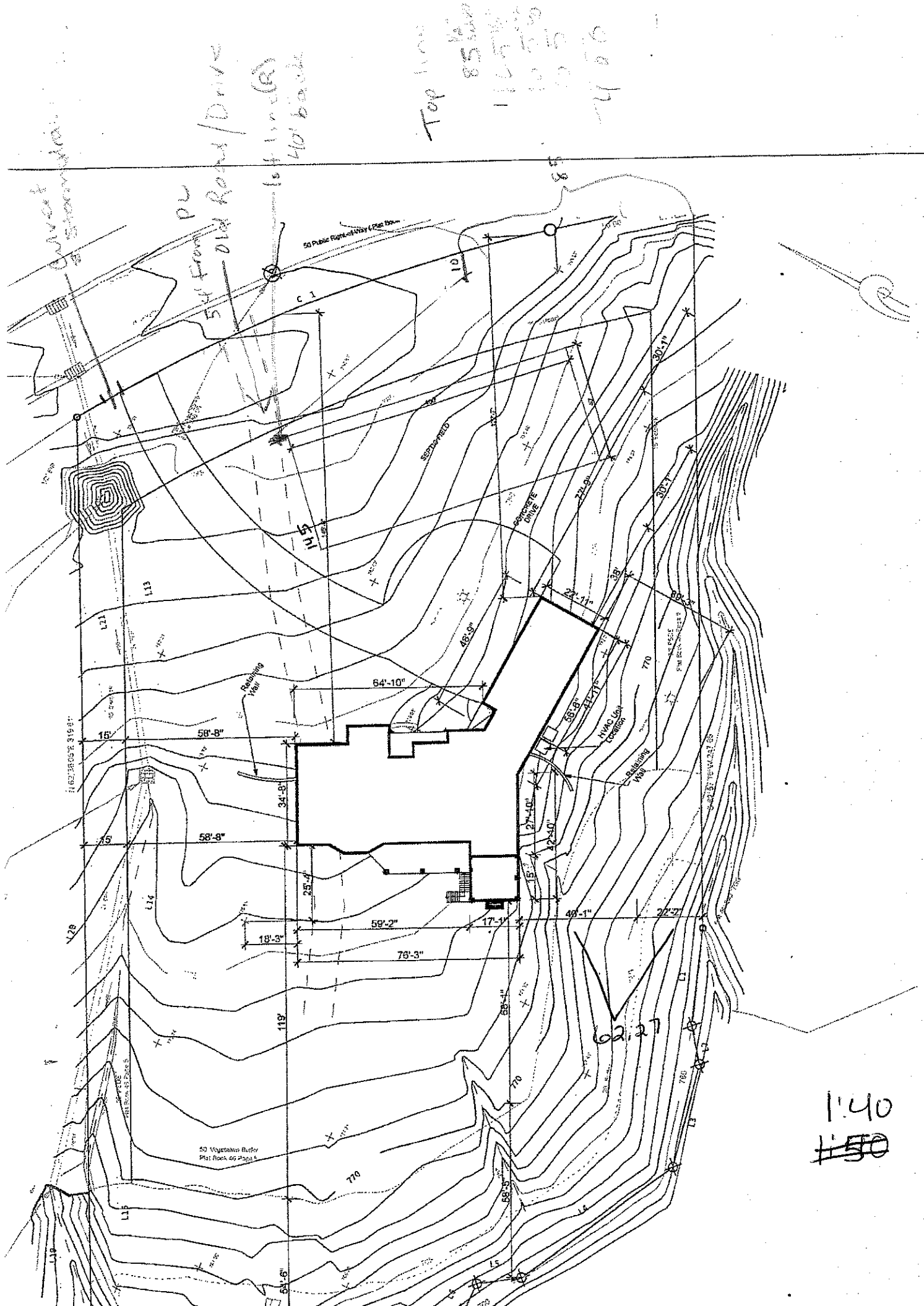
10/9/12
DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN



Drainfield starts 59' off front PL
Ends @ 110' ft back
65 ft over from Side PL
Other end ~ 27' from front PL
5 trees 30'+




50 Public Right-of-Way (Plat Book
C 1
SEPTIC FIELD
CONCRETE DRIVE
Retaining Wall
64'-10"
58'-8"
15'
34'-8"
25'-4"
59'-2"
18'-3"
76'-3"
17'-1"
40'-1"
22'-7"
27'-10"
12'-10"
HVAC Unit Location
Retaining Wall
119'
50' Vegetative Buffer
Plat Book 46 Page 5
770
62.27
1:40
1:50

...TMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
D... ...N OF ENVIRONMENTAL HEALTH
ON ... WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

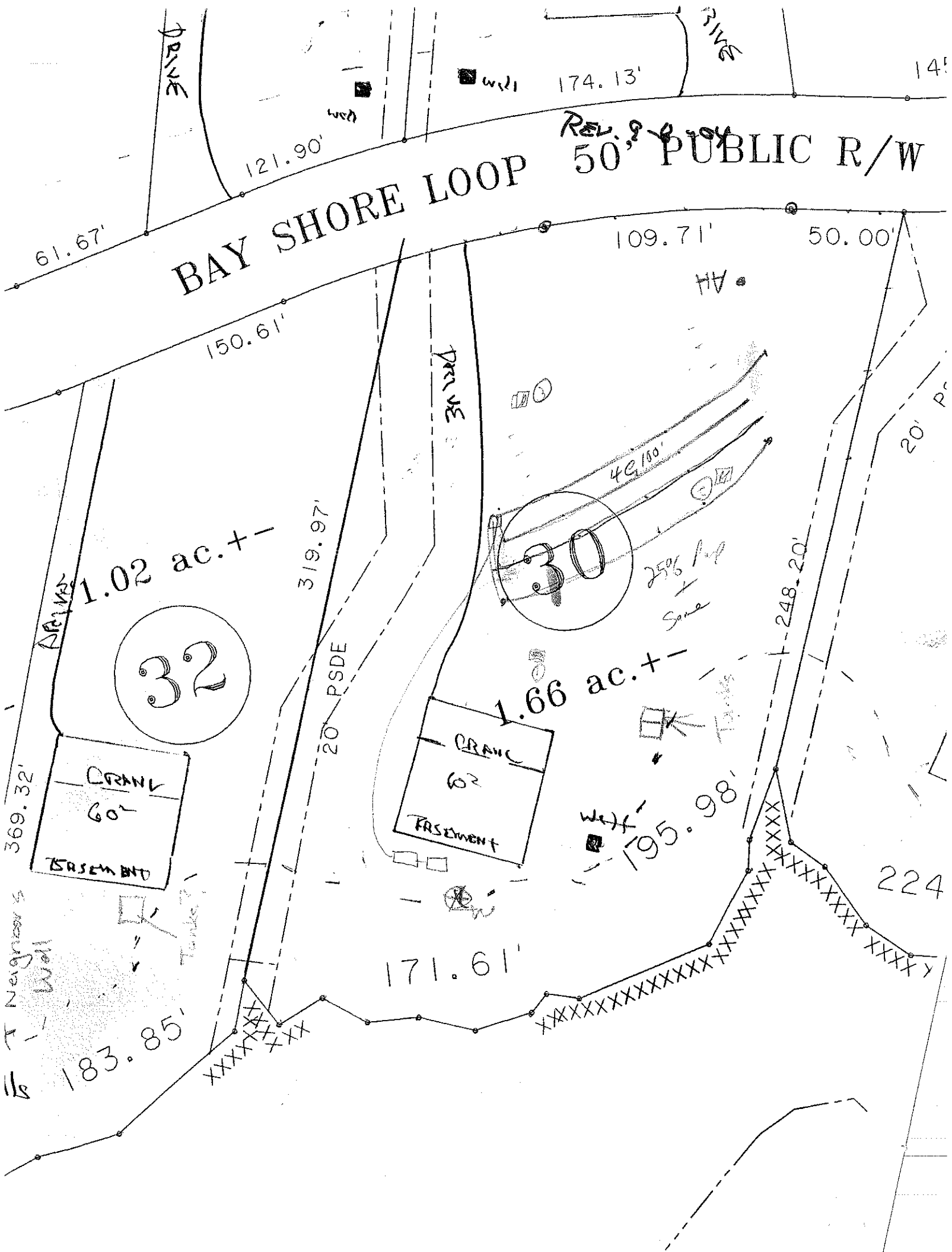
SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

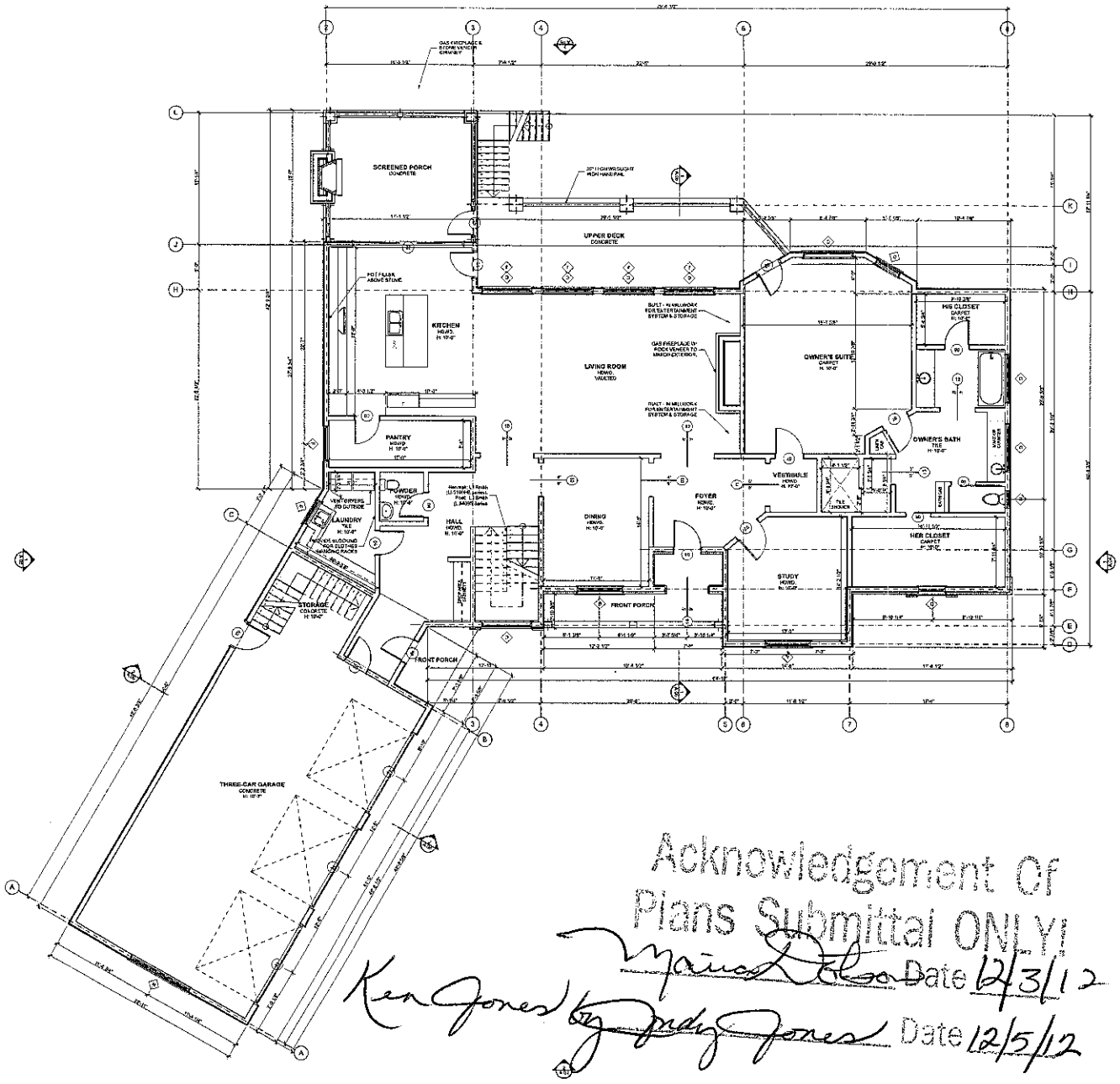
OWNER: Hecht Properties APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 11/5/04
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 30 Bay crossing PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-12	BSIL GR	fri SS SP		48"		OK MD	PS .3
		12-33	RC SBK	fri SSSP					
		33-48	RCL WSBK	fri SSSP					
2		0-4	BSIL GR	fri SS SP				11/9/12	PS .3
		4-28	RC MFSBK	fri SSSP					
		28-50	YRSIL WFSBK	fri SSSP	common SAP	50"			
3		0-6	BSIL GR	fri SSSP					PS .3
		6-28	RC SBK	fri SSSP					
		28-50	YRCL WSBK	fri SSSP	common many SAP	52"			
AH 4	5% 11/9/12 MD	0-10	Brn Snd. GR FR			48"			.3
		10-32	RCL MSBK						
		32-48	RCL WSBK	FR SS SP SE	w/ Common SAP Inc	LS			

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III B	IV
Site LTAR	.3	.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: C. Brady Freeman & Maria Dotson
OTHER(S) PRESENT: _____


BAY SHORE LOOP
50' PUBLIC R/W
REV. 9-6-94
121.90'
174.13'
61.67'
109.71'
50.00'
150.61'
319.97'
1.02 ac.+-
1.66 ac.+-
32
30
20' PSDE
GRAVEL
60'
EASEMENT
369.32'
183.85'
171.61'
195.98'
248.20'
25% slope
Some
4C/150'
20' P
224



1 MAIN LEVEL FLOOR PLAN

Acknowledgement Of
Plans Submittal ONLY
Date 12/3/12
Ken Jones by Judy Jones Date 12/5/12

DOOR SCHEDULE			
MARK	Nominal W x H Size	NOTES	Quantity
01	3'-0"x8'-0"	Doors by Decora Item #2012 (Ext)	1
02	2'-8"x8'-0"	Neuma Double Hinged Doors - 6080	1
02	2'-8"x8'-0"	Rogue Valley 182-RD Knotty Alder (Ext)	1
03	2'-5"x6'-8"		1
03	3'-0"x6'-8"		1
04	2'-6"x8'-0"	Neuma Double Hinged Doors - 6080	1
06	2'-6"x6'-0"		4
07	3'-0"x8'-0"		3
08	2'-8"x8'-0"	Pocket Door - 5082-A-ARP Knotty Alder	2
09	4'-0"x9'-0"	---	2
10	6'-0"x9'-0"	---	2
11	5'-0"x9'-0"	---	1
12	4'-0"x9'-0"	---	1
13	3'-0"x6'-0"	---	1
14	5'-0"x6'-0"	---	1
15	2'-8"x8'-0"	WOOD SCREEN DOOR	1
16	10'-0"x8'-0"	CUSTOM WOOD GARAGE DOOR	3
17	2'-8"x6'-8"		9
18	3'-0"x6'-8"		2
19	3'-0"x6'-8"	---	2
20	12'-0"x8'-0"	Neuma Sliding Doors - DGP 12080	1
21	2'-8"x6'-8"	Rogue Valley 182-RD Knotty Alder (Ext)	1
22	6'-0"x6'-8"	Neuma Double Hinged Doors - 6080	2
23	2'-8"x6'-8"	Future Doors	2
24	2'-8"x6'-8"	Secret Door Entry	1
25	2'-8"x6'-8"	Pocket Door - 5082-A-ARP Knotty Alder	2
26	2'-8"x6'-8"	---	2

WINDOW SCHEDULE			
MARK	Nominal W x H Size	DESCRIPTION	Quantity
A	5'-0"x7'-0"	FIXED	1
B	5'-0"x7'-0"	FIXED	1
C	5'-6"x6'-0"	FIXED	6
D	3'-0"x5'-0"	OPERABLE IN BEDROOMS ONLY	2
E	3'-1"x3'-0"	FIXED	1
F	4'-0"x11'-3 7/8"	FIXED	1
F	4'-0"x11'-4"	FIXED	1
G	5'-6"x1'-6"	FIXED	2
H	2'-0"x2'-0"	FIXED	1
J	5'-8 1/2"x1'-8"	FIXED	4
K	2'-4"x3'-6"	OPERABLE	1
L	5'-6"x5'-0"	FIXED	3
M	3'-0"x5'-1"	OPERABLE IN BEDROOMS ONLY	7
N	7'-6"x3'-0"	FIXED	1

GENERAL NOTES:

1. ALL CONSTRUCTION MUST MEET 2012 NORTH CAROLINA RESIDENTIAL CODE.
2. SMOKE DETECTORS ARE REQUIRED IN ALL SLEEPING ROOMS AND IMMEDIATELY OUTSIDE SLEEPING ROOMS. THEY SHALL ALSO BE PLACED ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENTS AND HABITABLE ATTICS.
3. EGRESS WINDOWS SHALL HAVE A MAXIMUM SILL HEIGHT OF 44". A MINIMUM OPENING AREA OF 4 SQ. FT. THE VERTICAL CLEAR SHOULD BE 22". THE HORIZONTAL CLEAR SHALL BE 20". GRADE LEVEL WINDOWS SHALL HAVE A MIN. GLAZING AREA OF 5.7 SQ. FT. BASEMENTS, HABITABLE ATTICS, AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY ESCAPE WINDOW. SINCE MANUFACTURED WINDOWS VARY IN PRODUCTION, GENERAL CONTRACTOR IS RESPONSIBLE FOR INSURING THAT SELECTED WINDOWS MEET THE ABOVE PERFORMANCE GUIDELINES.
4. AT LEAST ONE EXTERIOR EGRESS DOOR SHALL BE PROVIDED, WITH SIDE HINGES, AND A MINIMUM CLEAR WIDTH OF 32" AS MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP. THE DOOR SHALL HAVE A MIN. CLEAR HEIGHT OF NO LESS THAN 78"
5. STAIRS SHALL BE CONSTRUCTED WITH THE REQUIREMENTS OF SECTION R311.7 MINIMUM WIDTH OF 36". MINIMUM HEADROOM AT 6'-8" MEASURED FROM THE NOSE OF TREAD. MINIMUM TREAD DEPTH OF 9", MAXIMUM RISE OF 8 1/4". NOSING PROFILE NO LESS THAN 3/4" AND NOT MORE 1 1/4".
6. A LANDING SHALL BE PROVIDED AT THE TOP AND BOTTOM OF ALL STAIRS WITH A HEAD HEIGHT OF NO LESS THAN 6'-6".
7. HANDRAILS SHALL BE PROVIDED CONTINUOUS ON ONE SIDE OF A STAIR. HANDRAIL HEIGHT SHALL BE BETWEEN 34" x 38". CIRCULAR HANDRAILS SHALL HAVE A DIAMETER BETWEEN 1 1/4" AND 2". RECTANGULAR HANDRAILS SHALL HAVE A PERIMETER NO GREATER THAN 6 1/4", AND SHALL HAVE A LONG SIDE NOT LESS THAN 1 3/4" BELOW THE PROFILE. MINIMUM WIDTH OF THE HANDRAIL SHALL BE BETWEEN 1 1/4" AND 2 3/4".
8. GUARD RAILS SHALL BE 34"-38" MEASURED VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF THE TREADS.
9. GARAGES ATTACHED TO THE DWELLING SHALL HAVE 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF ALL WALLS. FOR GARAGES WITH HABITABLE ROOMS ABOVE, NOT LESS THAN 5/8" TYPE X GYPSUM BOARD OR EQUIVALENT. DOORS FROM THE GARAGE TO THE RESIDENCE SHALL BE SOLID WOOD DOORES NOT LESS THAN 1 3/8" THICK, SOLID OR HONEYCOMB STEEL DOORS NOT LESS THAN 1 3/8" THICK OR 20 MINUTE FIRE RATED DOORS.
10. DESIGN LOADS OF 40 PSF - LIVE, 10 PSF - DEAD
11. FLOOR TO WINDOW HEIGHT: 5'-0" MAIN LEVEL
    5'-8" LOWER LEVEL
12. FLOOR TO TOP OF PLATE HEIGHT: 10' - 1 1/2" MAIN LEVEL
    9' - 1 1/2" LOWER LEVEL
13. JOIST & BEAM SPAN CALCULATED USING NO. 2 SOUTHERN YELLOW PINE UNLESS NOTED OTHERWISE.
14. BRIDGING FOR FLOOR JOIST INSTALLED PERPENDICULAR TO JOIST AT 8'-0" INTERVALS OR AT SUB-FLOOR BREAK LINES.
15. ENGINEERED FLOOR SYSTEMS SHOULD BE BRACED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS, AND SHOULD NOT HAVE ANY UN-APPROVED POINT LOADS. SHOP DRAWINGS SHALL BE FORWARDED TO ENGINEER OF RECORD FOR REVIEW AND SEALING FOR CONFORMANCE WITH CONSTRUCTION DOCUMENTS.
16. ALL HEADERS OVER WINDOWS AND DOORS SHALL BE (2) NO. 2 SYP 2" x 10" WITH 1/2" PLY BETWEEN OR BETTER, UNLESS OTHERWISE NOTED ON PLANS.
17. ALL DOORS SHALL BE FRAMED OUT 6" AT INTERIOR CORNER. A MINIMUM OF 4.5" WILL BE ALLOWED AS NEEDED.
18. ALL DOCUMENTATION FROM TRUSS, OR ENGINEERED FLOOR PROVIDERS THAT BEAR THE SEAL OF A NC ENGINEER SHALL REMAIN ON SITE FOR THE DURATION OF THE PROJECT.

NATALIE MORGAN DESIGNS
828.545.2958 email.com | 704.756.3042

NOT FOR CONSTRUCTION

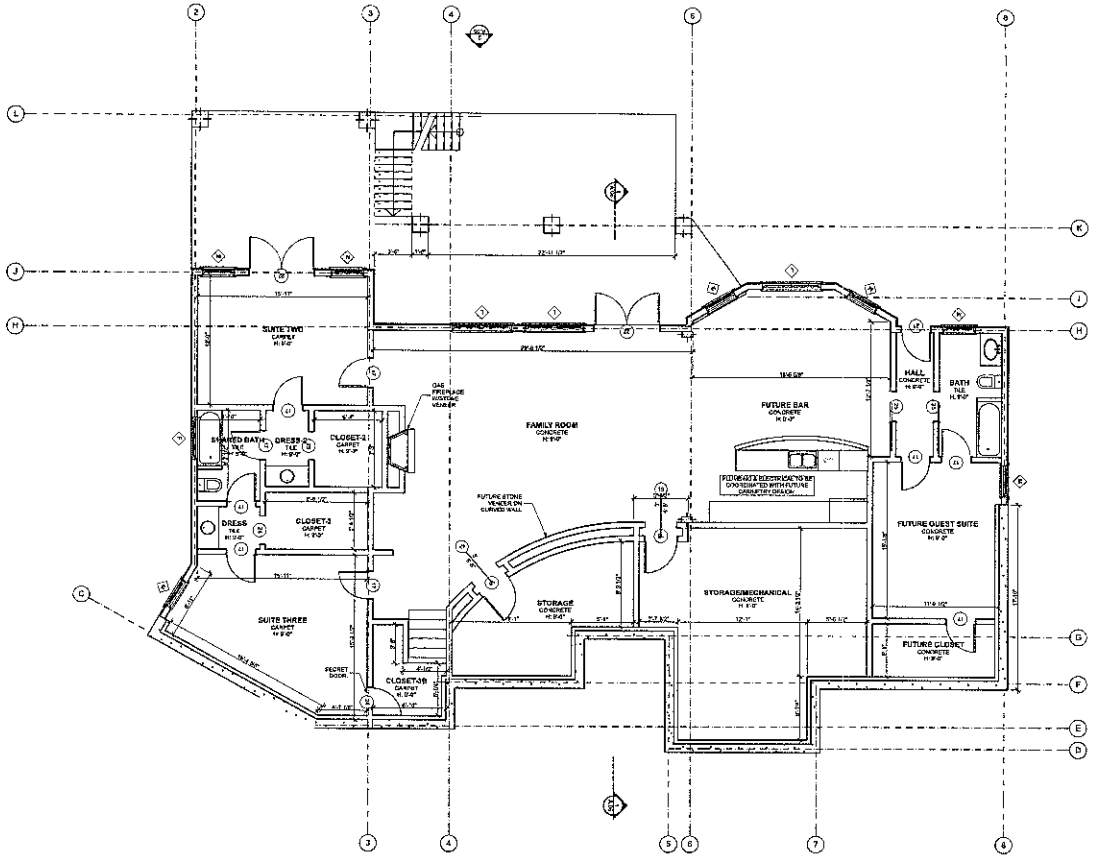
DIRIG LAKE RESIDENCE
CHRISTOPHER & AMY DIRIG
125 BAY SHORE LOOP
MOORESVILLE, NC 28117

KEY	REVISIONS	DATE
	ORIGINAL	4/30/12
	DECK SET	5/15/12
	LARGE CAPS	11/30/12

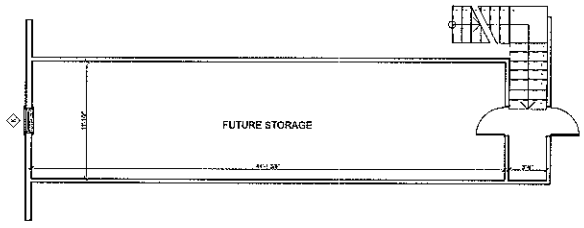
Drawn: NMD/JB
Check: NM SCERO
Drawn: TKM
Job: 12-
Sheet:

A.02

FLOOR PLANS



1 LOWER LEVEL FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 ATTIC STORAGE - FLOOR PLAN
SCALE: 1/4" = 1'-0"

Acknowledgement Of
Plans Submittal ONLY
Maria Date 12/3/12
Ken Jones by _____ Date 12/5/12
Cindy Jones

DOOR SCHEDULE

MARK	Nominal W x H Size	NOTES	Quantity
01	3'-0"x8'-0"	Doors by Decora Item #2012 (Ext)	1
02	2'-8"x8'-0"	Neuma Double Hinged Doors - 6080	1
02	2'-8"x8'-0"	Rogue Valley 182-RD Knotty Alder (Ext)	1
03	2'-6"x6'-6"		1
03	3'-0"x6'-6"		1
04	2'-8"x8'-0"	Neuma Double Hinged Doors - 6080	1
06	2'-8"x8'-0"		4
07	3'-0"x8'-0"		3
08	2'-8"x8'-0"	Pocket Door - 5082-A-ARP Knotty Alder	2
09	4'-0"x9'-0"	---	2
10	6'-0"x9'-0"	---	2
11	5'-0"x9'-0"	---	1
12	4'-0"x9'-0"	---	1
13	3'-0"x9'-0"	---	1
14	5'-0"x9'-0"	---	1
15	2'-8"x8'-0"	WOOD SCREEN DOOR	1
16	10'-0"x8'-0"	CUSTOM WOOD GARAGE DOOR	3
17	2'-8"x6'-8"		9
18	3'-0"x6'-8"		2
19	3'-0"x6'-8"	---	2
20	12'-0"x8'-0"	Neuma Sliding Doors - DGP 12080	1
21	2'-8"x6'-8"	Rogue Valley 182-RD Knotty Alder (Ext)	1
22	6'-0"x6'-8"	Neuma Double Hinged Doors - 6080	2
23	2'-6"x6'-8"	Future Doors	2
24	2'-8"x6'-8"	Secret Door Entry	1
25	2'-8"x6'-8"	Pocket Door - 5082-A-ARP Knotty Alder	2
26	2'-8"x6'-8"	---	2

WINDOW SCHEDULE

MARK	Nominal W x H Size	DESCRIPTION	Quantity
A	5'-0"x5'-0"	FIXED	1
B	5'-0"x5'-0"	FIXED	1
C	5'-5"x6'-0"	FIXED	5
D	3'-0"x6'-0"	OPERABLE IN BEDROOMS ONLY	2
E	3'-1"x3'-6"	FIXED	1
F	4'-0"x1'-3 7/8"	FIXED	1
F	4'-3"x1'-4"	FIXED	1
G	6'-6"x1'-6"	FIXED	2
H	2'-0"x2'-0"	FIXED	1
J	5'-9 1/2"x1'-8"	FIXED	4
K	2'-4"x3'-5"	OPERABLE	1
L	5'-9"x5'-0"	FIXED	3
M	3'-0"x5'-1"	OPERABLE IN BEDROOMS ONLY	7

GENERAL NOTES:

1. ALL CONSTRUCTION MUST MEET 2012 NORTH CAROLINA RESIDENTIAL CODE.
2. SMOKE DETECTORS ARE REQUIRED IN ALL SLEEPING ROOMS AND IMMEDIATELY OUTSIDE SLEEPING ROOMS. THEY SHALL ALSO BE PLACED ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENTS AND HABITABLE ATTICS.
3. EGRESS WINDOWS SHALL HAVE A MAXIMUM SILL HEIGHT OF 44", A MINIMUM OPENING AREA OF 4 SQ. FT. THE VERTICAL CLEAR SHOULD BE 22". THE HORIZONTAL CLEAR SHALL BE 20". GRADE LEVEL WINDOWS SHALL HAVE A MIN. GLAZING AREA OF 5.7 SQ. FT. BASEMENTS, HABITABLE ATTICS, AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY ESCAPE WINDOW. SINCE MANUFACTURED WINDOWS VARY IN PRODUCTION, GENERAL CONTRACTOR IS RESPONSIBLE FOR INSURING THAT SELECTED WINDOWS MEET THE ABOVE PERFORMANCE GUIDELINES.
4. AT LEAST ONE EXTERIOR EGRESS DOOR SHALL BE PROVIDED, WITH SIDE HINGES, AND A MINIMUM CLEAR WIDTH OF 32" AS MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP. THE DOOR SHALL HAVE A MIN. CLEAR HEIGHT OF NO LESS THAN 78"
5. STAIRS SHALL BE CONSTRUCTED WITH THE REQUIREMENTS OF SECTION R311.7 MINIMUM WIDTH OF 36". MINIMUM HEADROOM AT 6'-8" MEASURED FROM THE NOSE OF TREAD. MINIMUM TREAD DEPTH OF 9", MAXIMUM RISE OF 8 1/4". NOSING PROFILE NO LESS THAN 3/4" AND NOT MORE 1 1/4".
6. A LANDING SHALL BE PROVIDED AT THE TOP AND BOTTOM OF ALL STAIRS WITH A HEAD HEIGHT OF NO LESS THAN 6'-8".
7. HANDRAILS SHALL BE PROVIDED CONTINUOUS ON ONE SIDE OF A STAIR. HANDRAIL HEIGHT SHALL BE BETWEEN 34" x 38". CIRCULAR HANDRAILS SHALL HAVE A DIAMETER BETWEEN 1 1/4" AND 2". RECTANGULAR HANDRAILS SHALL HAVE A PERIMETER NO GREATER THAN 6 1/4", AND SHALL HAVE A LONG SIDE NOT LESS THAN 1 3/4" BELOW THE PROFILE. MINIMUM WIDTH OF THE HANDRAIL SHALL BE BETWEEN 1 1/4" AND 2 3/4".
8. GUARD RAILS SHALL BE 34"-38" MEASURED VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF THE TREADS.
9. GARAGES ATTACHED TO THE DWELLING SHALL HAVE 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE OF ALL WALLS. FOR GARAGES WITH HABITABLE ROOMS ABOVE, NOT LESS THAN 5/8" TYPE X GYPSUM BOARD OR EQUIVALENT. DOORS FROM THE GARAGE TO THE RESIDENCE SHALL BE SOLID WOOD DOORES NOT LESS THAN 1 3/8" THICK, SOLID OR HONEYCOMB STEEL DOORS NOT LESS THAN 1 3/8" THICK OR 20 MINUTE FIRE RATED DOORS.
10. DESIGN LOADS OF 40 PSF - LIVE, 10 PSF - DEAD
11. FLOOR TO WINDOW HEIGHT: 6'-0" MAIN LEVEL
    6'-8" LOWER LEVEL
12. FLOOR TO TOP OF PLATE HEIGHT: 10' - 1 1/2" MAIN LEVEL
    9' - 1 1/2" LOWER LEVEL
13. JOIST & BEAM SPAN CALCULATED USING NO. 2 SOUTHERN YELLOW PINE UNLESS NOTED OTHERWISE.
14. BRIDGING FOR FLOOR JOIST INSTALLED PERPENDICULAR TO JOIST AT 8'-0" INTERVALS OR AT SUB-FLOOR BREAK LINES.
15. ENGINEERED FLOOR SYSTEMS SHOULD BE BRACED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS, AND SHOULD NOT HAVE ANY UN-APPROVED POINT LOADS. SHOP DRAWINGS SHALL BE FORWARDED TO ENGINEER OF RECORD FOR REVIEW AND SEALING FOR CONFORMANCE WITH CONSTRUCTION DOCUMENTS.
16. ALL HEADERS OVER WINDOWS AND DOORS SHALL BE (2) NO. 2 SYP 2" x 10" WITH 1/2" PLY BETWEEN OR BETTER, UNLESS OTHERWISE NOTED ON PLANS.
17. ALL DOORS SHALL BE FRAMED OUT 6" AT INTERIOR CORNER. A MINIMUM OF 4.5" WILL BE ALLOWED AS NEEDED.
18. ALL DOCUMENTATION FROM TRUSS, OR ENGINEERED FLOOR PROVIDERS THAT BEAR THE SEAL OF A NC ENGINEER SHALL REMAIN ON SITE FOR THE DURATION OF THE PROJECT.

NATALIE MORGAN DESIGNS
828.582.4041

THESE BLUEPRINTS ARE THE PROPERTY OF NATALIE MORGAN DESIGNS AND ARE NOT TO BE USED IN ANY WAY WITHOUT THE EXPRESS WRITTEN PERMISSION OF NATALIE MORGAN DESIGNS. ANY UNAUTHORIZED USE OF THESE BLUEPRINTS WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

NOT FOR CONSTRUCTION

DIRIG LAKE RESIDENCE
CHRISTOPHER & AMY DIRIG
126 BAY SHORE LOOP
MOORESVILLE, NC 28117

BY	REVISIONS	DATE
	ORIGINAL	5/30/12
	DOOR SCH.	8/30/12
	LANDSCAPE PLAN	11/6/12

Date: 6/4/12
Scale: AS SHOWN
Drawn: SLM
Job:
Sheet:

A.03
FLOOR PLANS