RECEIVED JUN 9 2014 PD

IREDELL COUNTY HEALTH DEPARTMENT

Paid $350.00 Comprehensive Relayout

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

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.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: (X) Survey Plat, scaled no more than 1 inch = 60 feet

Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Shea Homes Address: 8088 Corporate Center St 300 Charlotte, NC Phone: _____

Owner Name: Same Address: _____ Phone: _____

Property Information:

Street Address: 298 Walking Horse Tr.

Subdivision Name: Anniston Section/Phase: _____ Lot Number: 146

Driving Directions: Shavers, TL Anniston Way, TR Burrell, TL Walking Horse, Near end on Rt

Site Development Information: *(check or complete ALL that apply)*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: _____
(X) Swimming Pool
( ) Other Addition/Structure: _____

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

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

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (X) Other: Accepted

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) 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.

Signature: _____ 6/9/2014

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

IREDELL COUNTY HEALTH DEPARTMENT

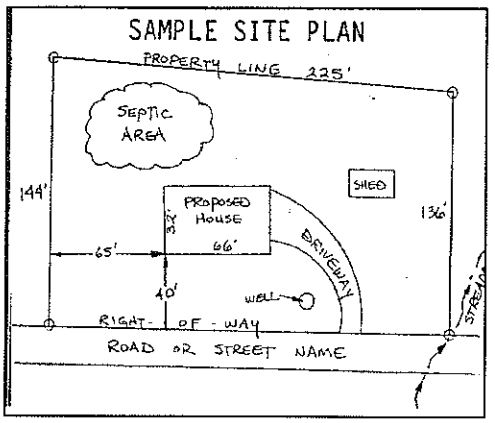
ENVIRONMENTAL HEALTH DIVISION

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
( ) Front and side setbacks from property line
( ) Preferred driveway location and 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

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See Attached Plan

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

6/9/2014
DATE

APPROVED JUN 24 2014
AZP



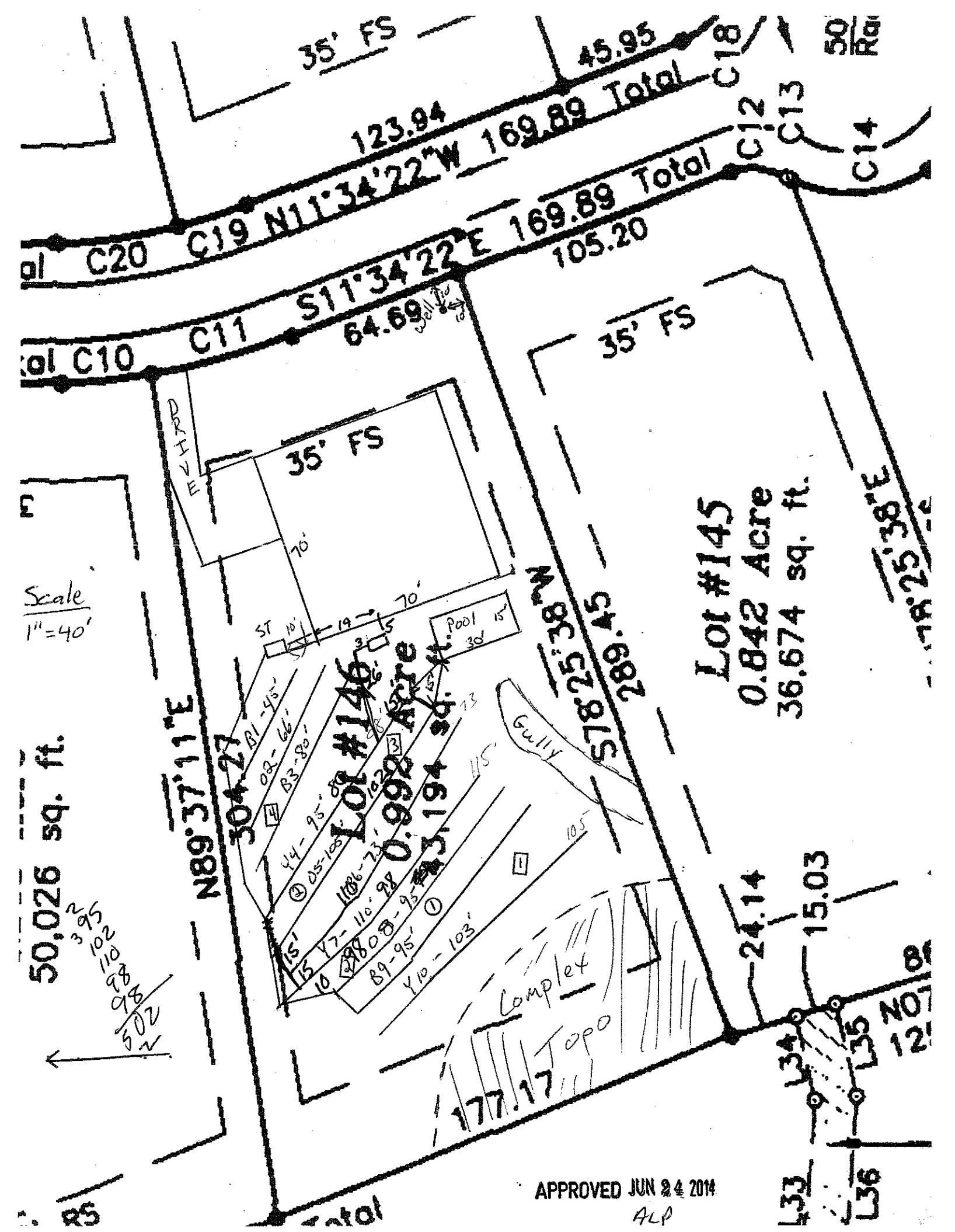
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Anniston 146
House Footprint: 70' x 70'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 5/600 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic Tank Size: 1500 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
Blue 1		45'
Orange 2		66'
Blue 3		80'
Yellow 4	**95'**	**98'**
Orange 5	**105'**	**115'**
Blue 6		73'
Yellow 7	**110'**	**116'**
Orange 8	**95'**	**98'**
Blue 9	**95'**	**96'**
Yellow 10		103'

Initial System: 500' **Repair System:** 367'

Comments: Please note any terraces, topographic irregularities or inconsistencies will need to be smoothed out and blended in order to accommodate the layout and installation of this system. Any changes prescribed by Iredell County Environmental Health Department are welcome.


35' FS
45.95
123.94
C18
C13
C12
C14
C20 C19 N11°34'22"W 169.89 Total
C20 C19 N11°34'22"W 169.89 Total
105.20
C10 C11 S11°34'22"E
64.69
35' FS
35' FS
DRIVE
76'
70'
ST
Pool
Scale
1"=40'
N89°37'11"E
304.27
S78°25'38"W
289.45
Lot #145
0.842 Acre
36,674 sq. ft.
Lot #146
0.992 Acre
43,194 sq. ft.
Gully
50,026 sq. ft.
Complex
Topo
177.17
24.14
15.03
APPROVED JUN 24 2014
ALP

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4664978490_
COUNTY: Iredell_____

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: _Shea Homes_____ APPLICATION DATE_____
ADDRESS:_____ DATE EVALUATED: _____
PROPOSED FACILITY: __5 bdrm_____ PROPOSED DESIGN FLOW (.1949): _600 GPD____PROPERTY SIZE: _0.992 AC_____
LOCATION OF SITE: _Anniston 146, 298 Walking Horse Tr._____PROPERTY RECORDED: _5/28/2008_____
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 1	LS 12%	0-30	R CL WSBK	FR SS SP	N/A	30"	F-C SAP PS	N/A	PS 0.3-0.4
		30-60	VER SL SAP M	VFR SS SP					
P 2	LS 12%	0-24	R C SBK	FR SS SP	N/A	46"	F-C SAP PS	N/A	PS 0.3-0.35
		24-43	R CL WSBK	FR SS SP					
		43-55	VER L SAP M	VFR SS SP					
P 3	LS 12%	0-25	R C SBK	FR SS SP	N/A	50"	F-C SAP PS	N/A	PS 0.3-0.35
		25-50	R CL WSBK	FR SS SP					
		50-57	VER L SAP M	VFR SS SP					
P 4	LS 12%	0-30	R C SBK	FR SS SP	N/A	49"	Few SAP Com SAP PS	N/A	PS 0.3-35
		30-44	R CL WSBK	FR SS SP					
		44-60	VER SL SAP M	VFR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1500 FT2	1101 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____PS_____
EVALUATED BY: __M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS: _____

APPROVED JUN 24 2014 AZP

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4664978490
DATE OF EVALUATION:
COUNTY: Iredell

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
AB 1	LS 12%	0-36	R C SBK	FR SS SP	N/A	36"	F-C SAP PS	N/A	PS 0.3-0.4
		36-48	VER L/SL SAP M	VFR SS SP					
AB 2	LS 12%	0-15	R C SBK	FR SS SP	N/A	28"	Com SAP PS	N/A	PS 0.3-0.4
		15-28	R CL WSBK	FR SS SP					
		28-48	VER L SAP M	VFR SS SP					

COMMENTS:

APPROVED JUN 24 2014 ALP

RECEIVED AUG - 1 2014

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

#204270

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 x 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: x 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:

Shea Builders	8008 Corporate Center Drive, #300, Charlotte, NC 28226	(704) 884-1548	(704) 674-8102
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Shea Builders	8008 Corporate Center Drive, #300Charlotte, NC 28226	(704) 884-1548	(704) 674-8102
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

298 Walking Horse Trail	Anniston	Lot: 146
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: From I 77 North, exit 36, Left at top of ramp onto Hwy 150, Right onto Perth Rd

Left onto Fern Hill Rd, Left into the community.

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

(x) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System due to ___
( ) Other ___

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

(X) Crawl Space Foundation?
( ) Concrete Slab Foundation?
( ) 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:

(x) 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)* ( ) Existing system--installed in ___ YEAR

( ) Alternative (x) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other ___ ( ) No Preference

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

( ) Yes (x) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industry) to be generated?
( ) Yes (X) 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: ___ Cynthia Blackburn
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

July 29, 2014
DATE

IREDELL COUNTY HEATLH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
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, pool 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:

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

Signature: Cynthia Blackburn

REQUIRED property owner or owner's legal representative signature.

July 29, 2014

DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES

F.E.M.A. - F.I.R.M. INFORMATION
COMMUNITY NUMBER: 370313 MAP NUMBER: 3710466400E
EFFECTIVE DATE: MARCH 02, 2009 ZONE: X (OUT)

LOT SETBACKS		
ZONING	RA	
SIDE YARD	15	FEET
SIDE YARD ON CORNER LOT	25	FEET
REAR YARD	35	FEET
SETBACK	35	FEET

REQUESTS
7/7/14
CRAWL
DRIVE RIGHT
COV'D PORCH
207-AD ALPINE
24'X22' ATTACHED GARAGE

SUPERINTENDANT VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION!

VICINITY MAP
n.t.s.
Johnson Dairy Road
Presbyterian Road
site
Caddie Creek Hwy
Grey Road
Shearers Road
NORTH

N12°48'09"W 177.17'
524
525
43,194 sq. ft.
0.992 acres
289.45'
N89°37'11"E 304.27'
N78°25'38"E
LOT 145
LOT 147
EXISTING HOUSE
EXISTING HOUSE
18.0'
18.0'
39.7'
35.1'
207-AD ALPINE
CRAWL
DRIVE RIGHT SIDE
FULL BRICK
08/02/2014
PROPOSED DRIVE & WALK
1718 SF
S11°34'22"E 64.69'
C1
WALKING HORSE TRAIL
50' PUBLIC ROAD R/W
761.4'
761.4'
761.4'

80

NUMBER	DOOR SIZE: W x H x THICKNESS OR R.O. WIDTH	DESCRIPTION
1	FRONT ENTRY DOOR	SEE FRONT ELEV. FOR 9' HEIGHT
2	3'0 x 6'8	GEAR BLADE ATHERN DOOR
3	3'0 x 6'8 (3'0x3)	20' MIN. FIRE RATED DOOR
4	3'0 x 6'8 (3'0x3)	FLIGHT (3) PANEL
5	(1) 2'0 x 6'8 (6'0x3)	(1) CW, (2) LIGHT FRENCH DOOR
6	(1) 3'0 x 6'8 (6'0x3)	(1) CW, (2) LIGHT FRENCH DOOR
7	(1) 3'0 x 6'8 (6'0x3)	(1) CW, (2) LIGHT FRENCH DOOR
8	(1) 3'0 x 6'8 (6'0x3)	(1) CW, (2) LIGHT FRENCH DOOR
9	1'0 x 6'8 (6'0x3)	PER PEA SAFETY LEVEL
10	1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
11	1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
12	1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
13	2'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
14	2'6 x 6'8 (6'0x3)	PER FEATURE LEVEL
15	3'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
16	3'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
17	3'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
18	(2) 1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
19	(2) 1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
20	(2) 1'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
21	(2) 2'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
22	(2) 2'4 x 6'8 (6'0x3)	PER FEATURE LEVEL
23	(2) 2'6 x 6'8 (6'0x3)	PER FEATURE LEVEL
24	(2) 3'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
25	(2) 3'0 x 6'8 (6'0x3)	PER FEATURE LEVEL
26	9'0 x 7'0	GARAGE DOOR
27	16'0 x 7'0	GARAGE DOOR
28	10'0 x 7'0	GARAGE DOOR
29	9'0 x 7'0	GARAGE DOOR
30	8'0 x 8'0	GARAGE DOOR
31	8'0 x 8'0	GARAGE DOOR
32	2'0 x 6'8 (6'0x3)	FULL GLASS FRENCH DOOR
33	(2) 2'0 x 6'8 (6'0x3)	FULL GLASS FRENCH DOORS W/ TRANSOM
34	(2) 3'0 x 6'8 (6'0x3)	FULL GLASS FRENCH DOORS
35	(2) 3'0 x 6'8 (6'0x3)	FULL GLASS FRENCH DOORS W/ TRANSOMS
36	6'0 x 6'8 (6'0x3)	SLIDING DOOR
37	8'0 x 6'8 (6'0x3)	FULL GLASS FRENCH DOOR W/ TRANSOM

EXTERIOR DOOR ROUGH OPENING SCHEDULE

DOOR SIZE	R.O. WIDTH	R.O. HEIGHT	R.O. HEIGHT
PLATE VARIANCE	R.O. WIDTH (SEE PLANS)		10' PLATES
2/0 SINGLE	2'1 1/2"	6'11 1/2"	8'1 1/2"
2/6 SINGLE	2'7 1/2"	8'3 1/2"	9'5 1/2"
3/0 SINGLE	3'1 1/2"	8'3 1/2"	9'5 1/2"
3/4 SWINGS	6'3"	8'3 1/2"	9'5 1/2"
4/0 SWINGS	6'3"	8'3 1/2"	9'5 1/2"
3/4 PATIO	6'0"	8'3 1/2"	9'5 1/2"
4/0 PATIO	6'0"	8'3 1/2"	9'5 1/2"
1'0 X 3'0 X 1'0	6'3 1/2"	8'1 1/2"	9'3 1/2"
1'0 X 5'0	5'3 1/2"	6'9 1/2"	7'9 1/2"
2'0 VINYL SCREEN	2'1"	6'0"	7'0"
3'0 VINYL SLIDER W/ 10" TRANSOM	3'1"	8'10 1/2"	9'10 1/2"
3'0 VINYL SLIDING W/ 10" TRANSOM	3'1"	8'10 1/2"	9'10 1/2"
3'0 SINGLE W/ BOW VAULT ROUND	3'0 1/2"	7'0"	8'0"
2'6 RISING W/ SEGMENT HEAD	2'7"	6'0"	7'0"

BRICK SUPPORT NOTES:

1) FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 8'-0" IN LENGTH, REST A 6" x 4" x 5/16" STEEL ANGLE W/ 4" MIN. EMBEDMENT AT SIDES FOR BRICK SUPPORT.

2) FOR ALL HEADERS 8'-0" AND GREATER IN LENGTH, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO HEADER W/ 1/2" LAG SCREWS @ 12" O.C. STAGGERED FOR BRICK SUPPORT.

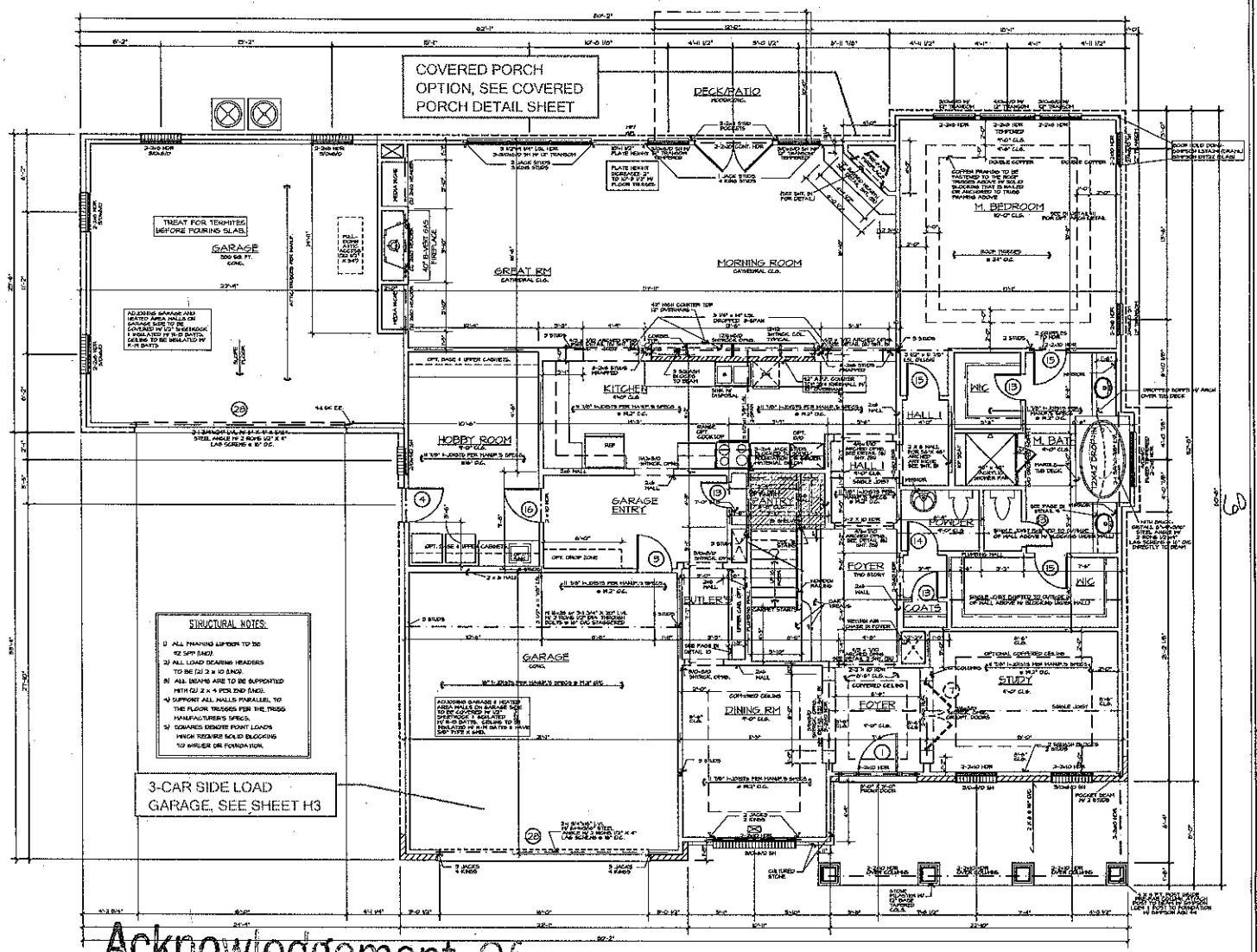
3) FOR ALL BRICK SUPPORT @ ROOF LINES, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO 2 x 10 BLOCKING INSTALLED BETWEEN WALL STUDS W/ 1/2" LAG SCREWS 12" O.C. STAGGERED AND IN ACCORDANCE WITH SECTION R505.1.2.2 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2012 EDITION.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 29249 7/1/14 ENGINEER KEVIN J. MUNSON

NORTH CAROLINA RESIDENTIAL STRUCTURES, P.C. No. C1295 CERTIFICATE OF AUTHORIZATION

RESIDENTIAL STRUCTURES, P.C.
3440 N. Davidson St.
Charlotte, N.C. 28205
Seal for Structural Only

FIRST FLOOR PLAN



Acknowledgement Of
Plans Submittal ONLY!
Date 8/8/14
Date 8/13/14

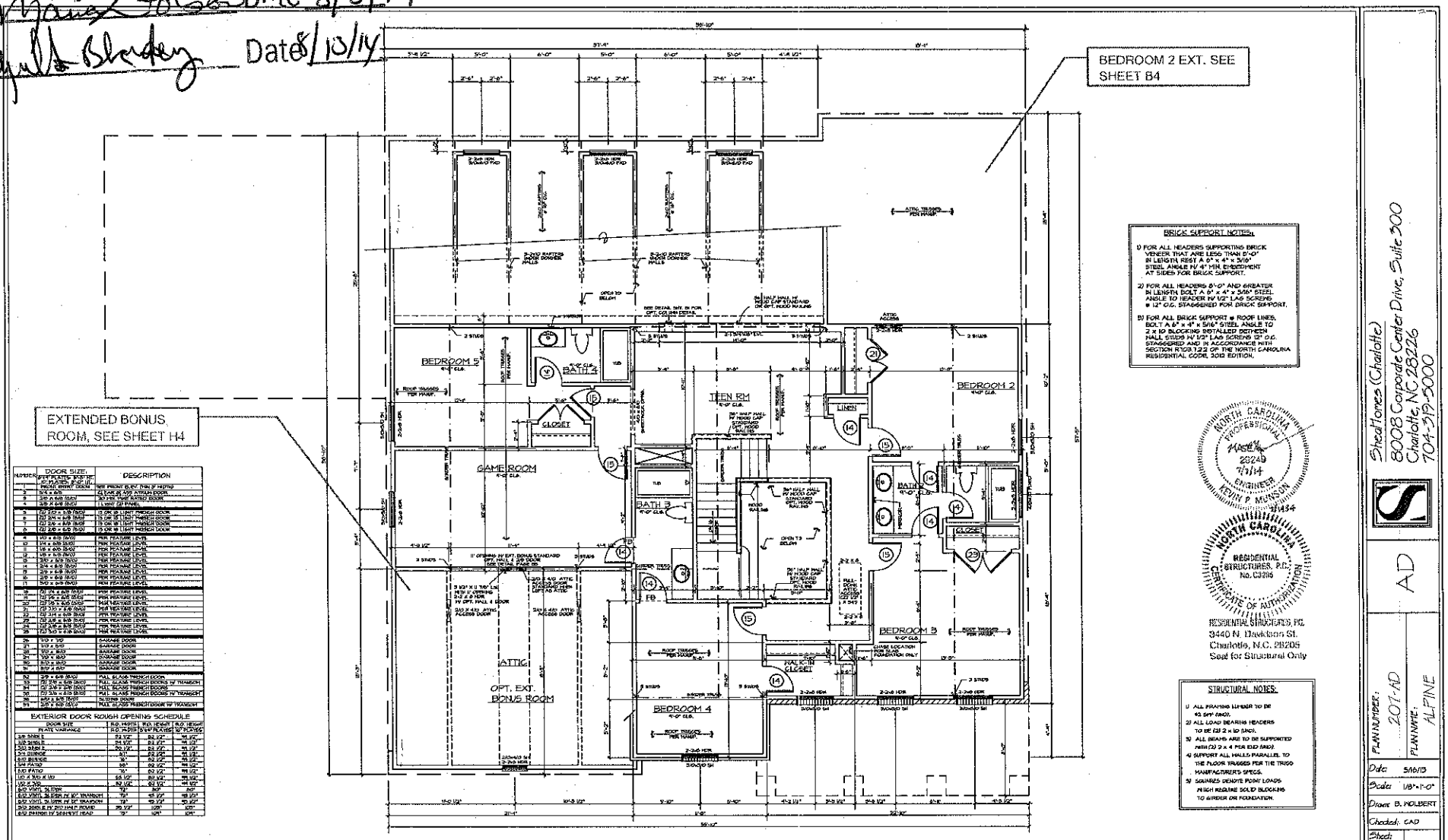
Sheatlomes (Charlotte)
8008 Corporate Center Drive, Suite 300
Charlotte, NC 28226
704-319-5000

AD

PLAN NUMBER: 207-AD
PLAN NAME: ALPINE

Date: 5/16/13
Scale: 1/8"=1'-0"
Drawn: B. HOLBERT
Checked: CAD
Sheet: E1

Acknowledgement Of
Plans Submittal ONLY!
Date 8/8/14
Date 8/10/14



NUMBER	DOOR SIZE: (EXT. PLATES: 9'-0" TO 10'-1" PLATES: 8'-0" TO 8'-1")	DESCRIPTION
1		SEE FRONT ELEV. FOR TYPE OF FRONT DOOR
2	5'-0 x 8'-0	GLASS SLIDING DOOR
3	3'-0 x 6'-8 (6'-0")	20 MIN. RATED DOOR
4	3'-0" x 6'-8" (6'-0")	1 LIGHT 20 MIN. RATED DOOR
5	(2) 2'-0 x 6'-8 (6'-0")	15 OR 18 LIGHT FRENCH DOOR
6	(2) 2'-4 x 6'-8 (6'-0")	15 OR 18 LIGHT FRENCH DOOR
7	(2) 2'-6 x 6'-8 (6'-0")	15 OR 18 LIGHT FRENCH DOOR
8	(2) 2'-8 x 6'-8 (6'-0")	15 OR 18 LIGHT FRENCH DOOR
9	1'-10 x 6'-8 (6'-0")	PER FEATURE LEVEL
10	2'-4 x 2'-8 (6'-0")	PER FEATURE LEVEL
11	1'-8 x 6'-8 (6'-0")	PER FEATURE LEVEL
12	1'-8 x 4'-8 (6'-0")	PER FEATURE LEVEL
13	2'-8" x 6'-8 (6'-0")	PER FEARURE LEVEL
14	2'-4 x 6'-8 (6'-0")	PER FEARURE LEVEL
15	2'-8 x 6'-8 (6'-0")	PER FEARURE LEVEL
16	2'-8" x 6'-8 (6'-0")	PER FEATURE LEVEL
17	5'-0 x 6'-9 (6'-0")	PER FEATURE LEVEL
18	(2) 2'-4 x 6'-8 (6'-0")	PER FEATURE LEVEL
19	(2) 2'-6 x 6'-8 (6'-0")	PER FEATURE LEVEL
20	(2) 3'-0 x 6'-8 (6'-0")	PER FEATURE LEVEL
21	(2) 2'-4 x 6'-8 (6'-0")	PER FEATURE LEVEL
22	(2) 2'-6 x 6'-8 (6'-0")	PER FEATURE LEVEL
23	(2) 3'-0 x 6'-8 (6'-0")	PER FEATURE LEVEL
24	(2) 2'-8 x 6'-8 (6'-0")	PER FEATURE LEVEL
25	(2) 3'-0 x 6'-8 (6'-0")	PER FEATURE LEVEL
26	9'-0" x 7'-0"	GARAGE DOOR
27	9'-0" x 8'-0"	GARAGE DOOR
28	16'-0" x 8'-0"	GARAGE DOOR
29	18'-0" x 8'-0"	GARAGE DOOR
30	8'-0" x 8'-0"	GARAGE DOOR
31	9'-0" x 8'-0"	GARAGE DOOR
32	2'-8" x 6'-8 (6'-0")	FULL GLASS FRENCH DOOR
33	(2) 2'-0 x 6'-8 (6'-0")	FULL GLASS FRENCH DOORS W/ TRANSOM
34	(2) 2'-6" x 6'-8 (6'-0")	FULL GLASS FRENCH DOORS
35	(2) 2'-0 x 6'-8 (6'-0")	FULL GLASS FRENCH DOORS W/ TRANSOM
36	9'-0" x 8'-0" (6'-0")	SLIDING DOOR
37	2'-8" x 6'-8" (6'-0")	FULL GLASS FRENCH DOOR W/ TRANSOM

EXTERIOR DOOR ROUGH OPENING SCHEDULE

DOOR SIZE PLATE VARIANCE	R.O. WIDTH	R.O. HEIGHT 9'-0" PLATES	R.O. HEIGHT 10'-1" PLATES
3/8 SWING	3'-1 1/2"	8'-1 1/2"	9'-1 1/2"
3/8 SINGLE	3'-1 1/2"	8'-1 1/2"	9'-1 1/2"
5/0 SWING	5'-1 1/2"	8'-1 1/2"	9'-1 1/2"
3/4 GARAGE	8'-1"	8'-1 1/2"	9'-1 1/2"
6/0 SWING	6'-1"	8'-1 1/2"	9'-1 1/2"
5/4 PATIO	5'-1"	8'-1 1/2"	9'-1 1/2"
6/0 PATIO	6'-1"	8'-1 1/2"	9'-1 1/2"
10'-0 X 9'-0 X 1/0	5'-1 1/2"	8'-1 1/2"	9'-1 1/2"
16'-0 X 7'-0"	16'-1 1/2"	8'-1 1/2"	9'-1 1/2"
6/0 VINYL SLIDER	6'-1"	8'-0"	9'-0"
6/0 VINYL SLIDER W/ 10" TRANSOM	6'-1"	9'-1 1/2"	10'-1 1/2"
6/0 VINYL SLIDER W/ 16" TRANSOM	6'-1"	9'-1 1/2"	10'-1 1/2"
8/0 2068 R.W. 20" HALF ROUND	8'-1 1/2"	10'-1"	11'-1"
6/0 PAIRED W/ SERVENT HEAD	12'-1"	10'-1"	11'-1"

BRICK SUPPORT NOTES:

1) FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 6'-0" W/ LENGTH REST A 6" x 4" x 5/16" STEEL ANGLE W/ 4" MIN. EMBEDMENT AT SIDES FOR BRICK SUPPORT.

2) FOR ALL HEADERS 6'-0" AND GREATER W/ LENGTH BOLT A 6" x 4" x 5/16" STEEL ANGLE TO HEADER W/ 1/2" LAG SCREWS @ 12" O.C. STAGGERED FOR BRICK SUPPORT.

3) FOR ALL BRICK SUPPORT @ ROOF LINES, BOLT A 6" x 4" x 5/16" STEEL ANGLE TO 2 x 10 BLOCKING INSTALLED BETWEEN WALL STUDS W/ 1/2" LAG SCREWS 12" O.C. STAGGERED AND IN ACCORDANCE WITH SECTION R703.7.2.2 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2012 EDITION.

NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN P. MUNSON 29249 7/1/14

NORTH CAROLINA RESIDENTIAL STRUCTURES, P.C. No. C3295 CERTIFICATE OF AUTHORIZATION

RESIDENTIAL STRUCTURES, P.C.
3440 N. Davidson St.
Charlotte, N.C. 28205
Seal for Structural Only

STRUCTURAL NOTES:

1) ALL FRAMING LUMBER TO BE #2 SYP (MIN).
2) ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 SPF(#2).
3) ALL BEAMS ARE TO BE SUPPORTED WITH (2) 2 x 4 PER STUD (MIN).
4) SUPPORT ALL WALLS PARALLEL TO THE FLOOR TRUSSES PER THE TRUSS MANUFACTURER'S SPECS.
5) SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION.

SECOND FLOOR PLAN (OPT. GAME ROOM/BEDROOM 5)

Stock Homes (Charlotte)
8008 Corporate Center Drive, Suite 300
Charlotte, NC 28226
704-319-5000

AD

PLAN NUMBER: 207-ND
PLAN NAME: ALPINE
Date: 5/16/13
Scale: 1/8"=1'-0"
Drawn: B. HOLBERT
Checked: CAD
Sheet: A3