IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 204575

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

PIN # 4664971977

APPLICANT: Shea Homes APPLICANT ADDRESS: 8008 Corporate Center Dr.

SITE ADDRESS: 226 Walking Horse Trail PHONE: ALT. PHONE:

SITE DIRECTIONS: Shearers Rd S TL Anniston Way TR Bumell TL Walking Horse Trail lot on right

SUBDIVISION: Anniston SECTION: 4 LOT# 153 LOT AREA: .81 Acre DESIGN FLOW: 600gpd L.T.A.R.: .3

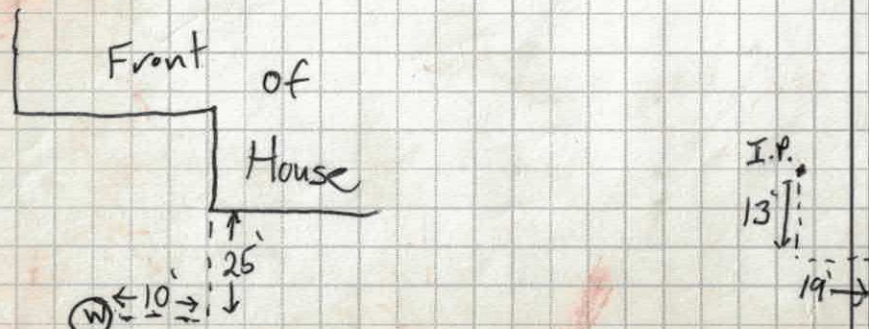
Septic Tank	1500	(gal)	STB 1014 - mid scan	Date	10-4-15	[X] New System [ ] Repair [ ] Expansion	System Type: I [ ] II [ ] III IV V VI	[X] Residence [ ] Business [ ] Other [ ] Slab [ ] Basement w/ plumbing	No. Bedrooms	5	Water Supply [X] Private [ ] Public [ ] Community
Pump Tank		(gal)	PT	Date		System Description:	Gravity - 25% reduction		No. Persons	10	
Pump Make		Model		Serial #		Repair System Description:	(Some) LP-PPBPS (50% Reduction)		No. Employees		
# Nitrification Fields	1	# Lines	4	Linear Ft:	500'	Maintenance Agreement Required:	[ ] YES [X] NO	[X] Crawl Space			
Trench Width	36"	Max. Trench Bottom Depth	36"	Gravel Depth	N/A	[X] GRAVITY	[ ] PRESSURE	[ ] Basement w/o plumbing			

Comments / Conditions: This permit replaces previous permit from 2-26-08

1-5-16 : 1500 gal Mid scan Bowan Septic Concrete Septic Tank w/ a Tuff-Tite EF-6 Effluent Filter. Baffle Wall Gap OK. 8' from House. At time of final inspection, new well appears to encroach upon repair area, Repair likewise switched to LP-PPBPS

INITIAL SITE SKETCH

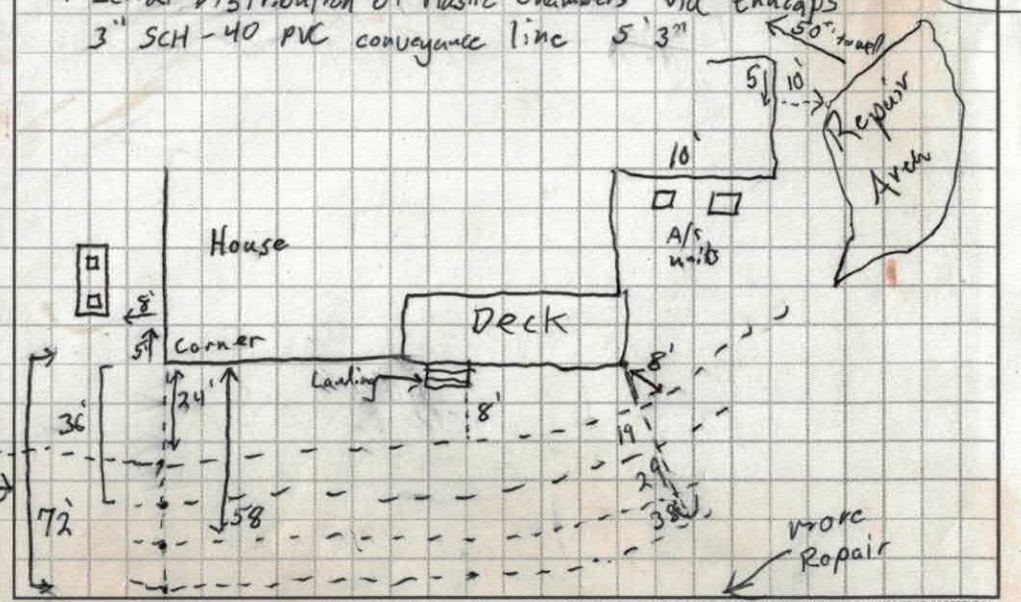
See attached approved plan by Michael Athanas & Associates dated 7/10/14



AS BUILT SKETCH

L_1 = 142' [Chambers] 35 elevations "OK" 34 → 36" Trench Bottom
L_2 = 129' [Chambers] 32 " " 12' off
L_3 = 132' [Chambers] " " Distance on Center OK
L_4 = 106' [26 Chambers] " " Full OK

* Serial Distribution of Plastic Chambers via endcaps
3" SCH-40 PVC conveyance line 5'3"



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. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

[ ] IMPROVEMENT PERMIT with plat valid without expiration. [ ] IMPROVEMENT PERMIT with site plan valid for 60 mos. [X] AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Date: 11/12/14 Installed by: Kevin Kirkpatrick [Rowan Septic]

IMPROVEMENT PERMIT by: Date: 2/15/14 OPERATION PERMIT by: Date: 1-5-16

AUTHORIZATION TO CONSTRUCT by: APPROVED Date: MAY 22 2015 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

C31
C30
C32
C6
L14
35' FS
70.36
Total
35'
FS
N55°25'23"E
120.00
35' FS
Lot #1
0.810 ac.
35,268 sq. ft.
N19°01'35"W
343.57
N55°25'23"W
200.44
260.00
N.M.A.
OK
7/12/14



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

Reference: Data Sheet for Anniston, Lot 153
House Footprint: 70' x 70'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 5/600 GPD
Predetermined LTAR: 0.3 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-drop boxes/ end cap
Septic Tank Size: 1500 gallons

Line	Design Length	Actual Length
Yellow 1		42'
Orange 2		47'
White 3		56'
Yellow 4		79'
White 5		32'
Yellow 6		50'
Orange 7	**140'**	**145'**
White 8	**130'**	**144'**
Yellow 9	**120'**	**127'**
Orange 10	**110'**	**115'**
White 11		67'
Yellow 12		51'
Orange 13		45'
White 14		37'

Initial System: 500' **Repair System:** 506'

Comments:
The purpose of this evaluation was to change the current permitted system type from a panel block system to a 25% reduction system, MA&A is using the current permitted soils rating of .3 gal/d/ft2. Please note the house location was located by use of white pin flags.

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

Sheet ___ of ___
PROPERTY ID #: 4649719
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Anniston LLC / Shea Homes — APPLICATION DATE 2/08
ADDRESS: 226 Walking Horse Trail — DATE EVALUATED: 1/08
PROPOSED FACILITY: 5BRM — PROPOSED DESIGN FLOW (.1949): 600 gpd — PROPERTY SIZE: ___
LOCATION OF SITE: Lot 153 — PROPERTY RECORDED: ___
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

OK MD 7/15/14

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
P153A 1	SS 15-20%	0-17	RCMFSBK	FrssspSexp	FSap		—	—	
		17-50	RCLVFSBK	FrssspSexp	MSap	50			.3
			Same - Okay						
P153B 2	SS 15-20%	0-21	RCLMASBK/MABK	FrssspSexp	CSap	51	—	—	
		21-51	RCLMFSBK	FrssspSexp					.3
			0-20 Rd/Brw C						
			20-50 Rd/Brw C/CL						
P153C 3	SS 15-20%	0-33	RCLMA/BK/SBK	FrssspSexp	MSap	52	—	—	
		33-52	RCLVFSBK	FrssspSexp					.3
P153D 4	SS 15-20%	0-12	BRCMASBK	FrssspSexp		52	—	—	
		12-52	RCLVMSBK	FrssspSexp					3-35
			Same						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PM 25% Red	PM 25% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: ___
OTHER(S) PRESENT: ___

COMMENTS: ___

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

Sheet ___ of ___
PROPERTY ID #: 466497197
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Niblock / Shea Homes — APPLICATION DATE ___
ADDRESS: 226 Walking Horse Trail — DATE EVALUATED: 2/26/08
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): 600gpd. PROPERTY SIZE: ___
LOCATION OF SITE: Lot 153 Anniston — 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
1	Pit 153A 15%	0-17	R C	m-w SBK	SS, SP, SE, FR	50"			PS .3
		17-50	R C L	w/SBK	SS, SP, SE				
2	Pit 153B 17%	0-20	B to Rd/Brw C	m SBK		50"			PS .3
		20-50	Rd/Brw C/C L	w/SBK	FR, SS, SP, SE				
3	Pit 153D 15%	0-12	Brw/Rd C	m SBK	SS, SP, SE, FR	52"			PS .3 to .35
		12-52	R C L	m-w SBK	FR, SS, SP, SE				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PM 25% Red	PM 25% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: ___

COMMENTS: ___

Old

ROLLANS *Soil & Environmental Services, Inc.*

470 North Broad St., Suite D, Mooresville, NC 28115 Phone: (704) 658-1723 Fax: (704) 658-1724

Ashley Rollans, NC Licensed Soil Scientist
Mobile: (704) 746-5046
E-mail: Rollansfortcj@aol.com

Brady Freeman, Registered Sanitarian
Mobile: (704) 746-6497
E-mail: bfree209@yahoo.com

Attached is a proposed design for a PPBPS Septic System with low pressure distribution for a 5 bedroom single family residence on Lot # 153 in Anniston Subdivision, Iredell County, North Carolina.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4
- System Tapsheet---------- 5

Site Plan/System Plan---------- 6-7

Calculations---------- 8

Profile Descriptions---------- 9

February 18, 2008
Project #: 01-1005
Design By: Rollans Soil & Environmental Services

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by DEHNR, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Pumptank riser should be 6" above grade, control panel should be 12" above grade.
- Design precludes foundation drains.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a PPBPS installation.
- Repair is specified as a PPBPS installation.
- Backfill 4 - 6" of material (County Approved) over panels, rake trench walls, lime side-walls, install trenches 36" wide and have no more than 1/4" fall in 10 feet.

LP PPBPS SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	Anniston LLC
Address:	17824 Statesville Rd STE 112 Conover, NC 28031
Phone:	
County:	Iredell
Location:	ANNISTON LOT 153
Source of Wastewater Flow:	5 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	600
System Flow:	31.98

Design Specifications

Drainfield Size:	340
Loading Rate (gpd/ft.^{2}):	0.3
Depth of Gravel in Trench:	NA (PPBPS)
Gravel Size:	NA (PPBPS)
Trench Depth:	36 in.
Trench Width:	36 in.
Septic Tank Size:	1500 gal.
Pump Tank Size:	1500 gal.
Estimated Supply Line Length:	19
Supply Line Diameter:	2 in. SCH 40 PVC
Supply Line Volume:	3.31
Dosing Volume:	188.14
Supply Manifold:	N/A
Supply Manifold Length:	N/A
Supply Manifold Volume:	N/A
Recommended Float Controls:	SJE Sensor Float Control Switches as Required for Control Panel or County Approved Equivalents
Recommended Control Panel:	SJE-Rhombus Model 112 (NEMA 4x) Control Panel or County Approved Control Panel.
Pressure Head:	2 ft.
Friction Head:	0.45
Elevation Head:	3.30
Total Dynamic Head:	6.61
Threaded Union:	In Tank
Gate Valves:	1 in Tank 1 per lateral
Check Valves:	In Tank
Anti-Siphon Hole:	YES
Additional Comments:	Soil suitability was performed by Rollans Soil & Environmental Services

ANNISTON LOT 153
LP PPBPS

DESIGN FLOW (gpd):	600
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.3
TOTAL AREA TRENCH BOTTOM:	1020
TOTAL LATERAL LENGTH:	340
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	333.3333333
SUPPLY LINE LENGTH:	19
TOTAL DYNAMIC HEAD:	6.61
MANIFOLD SIZE:	N/A
DOSING VOLUME:	188.14
PUMP TANK DRAW DOWN*:	6.1
SEPTIC TANK SIZE:	1500 gal.
PUMP TANK SIZE:	1500 gal.

**Pump tank draw down based on a volume basis of 31 gallons per inch. Draw down may vary among pump tank manufacturers.*

ANNISTON LOT 153

Project #: 01-1005

LAYOUT FOR 5 BEDROOM HOME — February 18, 2008

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM		19.6			100.00		
INSTR. 1			119.60				
HOUSE CNR				5.50	114.10		
P. TANK				6.10	113.50		
1	RED			2.50	117.10	32	32
2	ORANGE			3.10	116.50	37	37
3	BLUE			4.50	115.10	47	47
4	PINK			5.90	113.70	69	69
5	***RED***			***7.80***	***111.80***	***73***	***70***
5	***RED***			***7.80***	***111.80***	***73***	***70***
6	***ORANGE***			***10.10***	***109.50***	***67***	***65***
6	***ORANGE***			***10.10***	***109.50***	***67***	***65***
7	***BLUE***			***12.40***	***107.20***	***70***	***70***
7	BLUE			12.40	107.20	49	49
8	PINK			15.70	103.90	119	119
9	RED			19.80	99.80	54	54
					Total	**757**	**747**

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***340***	***0.3***	***MOD.***	***0.300***	***PPBPS***	***LOW PRESSURE***
Repair	407	0.3	MOD.	0.300	PPBPS	LOW PRESSURE

Notes:
** TBM located top of ground at EIP at corner of lot (see site plan)
**TBM is assumed to be 100'
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**BS, HI, and FS indicate rod readings

LP PPBPS TAPSHEET -ANNISTON LOT# 153

SYSTEM

Line #	Color	Elevation	Length	Hole Size	Flow/hole	Trench Area	Number of Panels
5	***RED***	111.8	***70***	0.156	**0.41**	210	16
5	***RED***	111.8	***70***	0.156	**0.41**	210	16
6	***ORANGE***	109.5	***65***	0.156	**0.41**	195	15
6	***ORANGE***	109.5	***65***	0.156	**0.41**	195	15
7	***BLUE***	107.2	***70***	0.156	**0.41**	210	16
							78
	total	**feet =**	**340**	**gal/min =**	**31.98**		
			Des. Flow	**600**			
			Pump Run=	**5.88**			
			soil LTAR	**0.3**			
			LTAR +5%	**0.315**			
			LTAR with mod.	**0.6**			
			LTAR with mod.. + 5%	**0.63**			

.156 equals 5/32 inch hole

CALCULATIONS

Location ANNISTON PH IV

Project Number 01-1005

Lot No: Lot 153

No. of Bedrooms	5	
Design Flow	600	$^{gal}/_{day}$
LTAR	0.300	$^{gal}/_{ft^2\ day}$
PPBPS? (YES OR NO)	YES	
Supply Line Length	19	ft.
Supply Line Volume	3.306	gal.
Required Feet of Line	333.3333	ft.
Amount of Line from Layout	340	ft.
Gallons per Minute	31.98	$^{gal}/_{min}$
Required Septic Tank Capacity	1500	gal.
Minimum Standard Tank Size	1500 gal.	
Panel Volume	3.6	gal.
# of Panels	78	
Dosing Volume	188.14	gal.

Note: Dosing Volume based on 67% of # of panels times 3.6 gal/panel

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

Tank Draw Down	6.1	*Generic Draw Down of 31 gal.per in.*
Pump Run Time	5.88	minutes
Elevation Head	3.3	ft.
Pressure Head	2	ft.
Friction Factor	2.37	ft./100 ft. *(From the interpolater.)*
Friction Head	0.45	ft.
Total Dynamic Head (+15%)	6.61	ft.

RECEIVED MAY 20 2015

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAGE 1: *APPLICATION FORM*

Application For:
(✓) Septic Improvement Permit (✓) New Well Permit (X) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) 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: ( ) 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 BUILDERS Address: 8008 CORPORATE CENTER Phone: 704 301 3229

Owner Name: SAME Address: = = Phone: =

Property Information:

Street Address: 226 R WALKING HORSE TRAIL

Subdivision Name: ANNISTON Section/Phase: 1 Lot Number: 153

Driving Directions: NORTH ON CODLE CREEK / LEFT ON JOHNSON DAIRY / SITE ON LEFT

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

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

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: _____
( ) Swimming Pool
( ) Other Addition/Structure: _____

(✓) 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:

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

Desired Septic System Type: *(you may rank in order of preference)*
( ) No Preference ( ) Alternative (✓) Conventional ( ) Innovative (✓) Modified Conventional ( ) Other: _____

Year existing system installed: _____

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. industrial) 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.

Signature: Stan W. Lunsford
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

5/18/15
DATE

RECEIVED JUL 10 2014 DJ

Paid $195.00 Int. Redraw #204575

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:
( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(✓) 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:
Place an (X) beside whichever is submitted if applicable
( ) Survey Plat, scaled no more than 1 inch = 60 feet
( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Shea Homes Address: 8008 Corporate Center Dr. Phone: _____

Owner Name: Same Address: _____ Phone: _____

Property Information:

Street Address: ~~Lot~~ 226 Walking Horse Trail

Subdivision Name: Anniston Section/Phase: _____ Lot Number: 153

Driving Directions: Shears Rd → Lt Anniston Way

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

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

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
( ) Swimming Pool
( ) Other Addition/Structure: _____

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

Non-Residential Site Development:

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

Water Supply:

(✓) 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 ( ) Other: Accepted

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. industrial) 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.

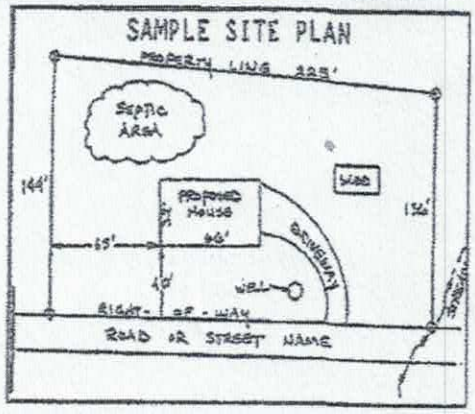
Signature: _____ 7/10/2014
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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:

(X) Property Line measurements are clearly identified
(X) All proposed structures are indicated
(X) Front and side setbacks from property line
(X) Preferred driveway location and well location
(X) Area you prefer your septic system to be placed
(X) North arrow, or other sufficient indicator of direction

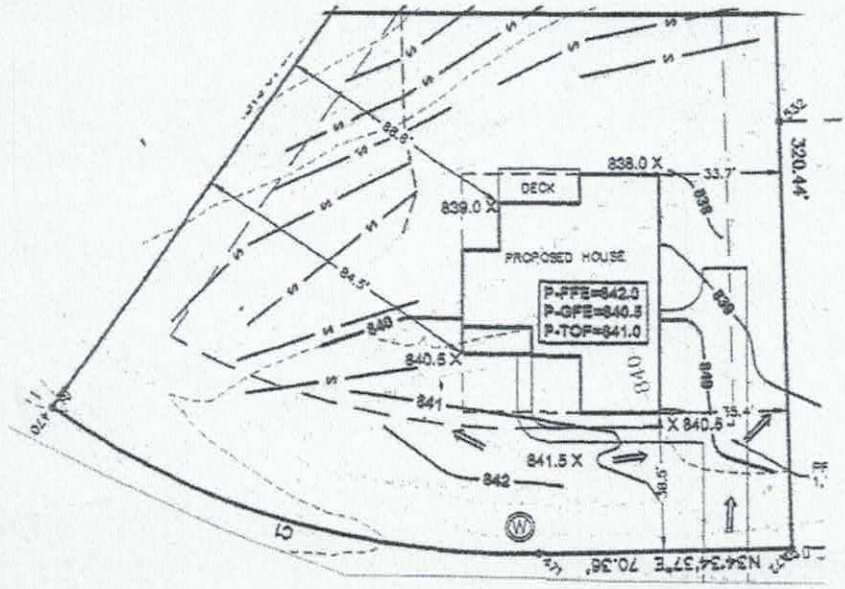


Circle N/A on the following if appropriate:

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

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

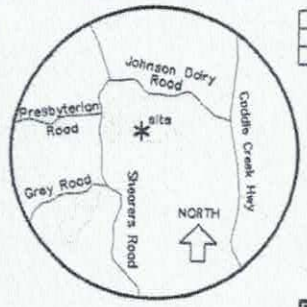


* WALKING HORSE TRAIL *

LOT - 153

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

5/18/15
DATE



VICINITY MAP
n.t.s.

CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	225.00	142.93	140.34	S 52°46'31" W	36°23'48"

F.E.M.A.– F.I.R.M. INFORMATION

COMMUNITY NUMBER: 370313 MAP NUMBER: 3710456400E
EFFECTIVE DATE: MARCH 02, 2009 ZONE: X (OUT)

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES

SUPERINTENDANT VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION!

REQUESTS

05.05.2015
CRAWL
DRIVE RIGHT SIDELOAD
DECK
206BD–RH MARICOPA
FULL BRICK

MB 54 PG 69

LEGEND

O	PROPERTY CORNER
(F)	FOUND
(S)	SET
#4b	No. 4 REBAR
R/W	RIGHT OF WAY
P.D.E.	PUBLIC DRAINAGE EASEMENT
MAG	SURVEY NAIL
Ⓢ/SSMH	SANITARY SEWER MANHOLE
P–FFE	PROPOSED FINISH FLOOR ELEV
P–GFE	PROPOSED GARAGE FLOOR ELEV
P–TOF	PROPOSED TOP OF FOUNDATION ELEV
HP	GRADING HIGH POINT
LP	GRADING LOW POINT
	BENCHMARK SURVEY NAIL
⟸	DRAINAGE FLOW DIRECTION
-S-	PROPOSED SEPTIC LINE

THIS PROPERTY MAY BE SUBJECT TO EASEMENTS AND/OR RIGHTS–OF–WAY EITHER RECORDED OR IMPLIED.

SCALE: 1" = 40'

Lucas–Forman Incorporated
Land Surveying
Planning & Engineering
N.C. License C–1215
4000 Stuart Andrew Boulevard
Charlotte, North Carolina 28217
P.O. Box 11386 28220–1386
(704) 527–6626 Fax 527–9640

PLOT PLAN
of
WALKING HORSE TRAIL
MOORESVILLE, IREDELL COUNTY, N.C.

LOT 153 BLOCK N/A MAPBOOK 54 PAGE 69
SUBDIVISION ANNISTON – PHASE 4 MAP 1
DEED REFERENCE:
for
SHEA HOMES

REVIEWED:	DATE: 05.12.2015	REV.
DRAWN: BSH/JTE	UPDATE:	

ENVELOPE:

JOB# ANN0153 | FILE# IRE

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:

- ✓ 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

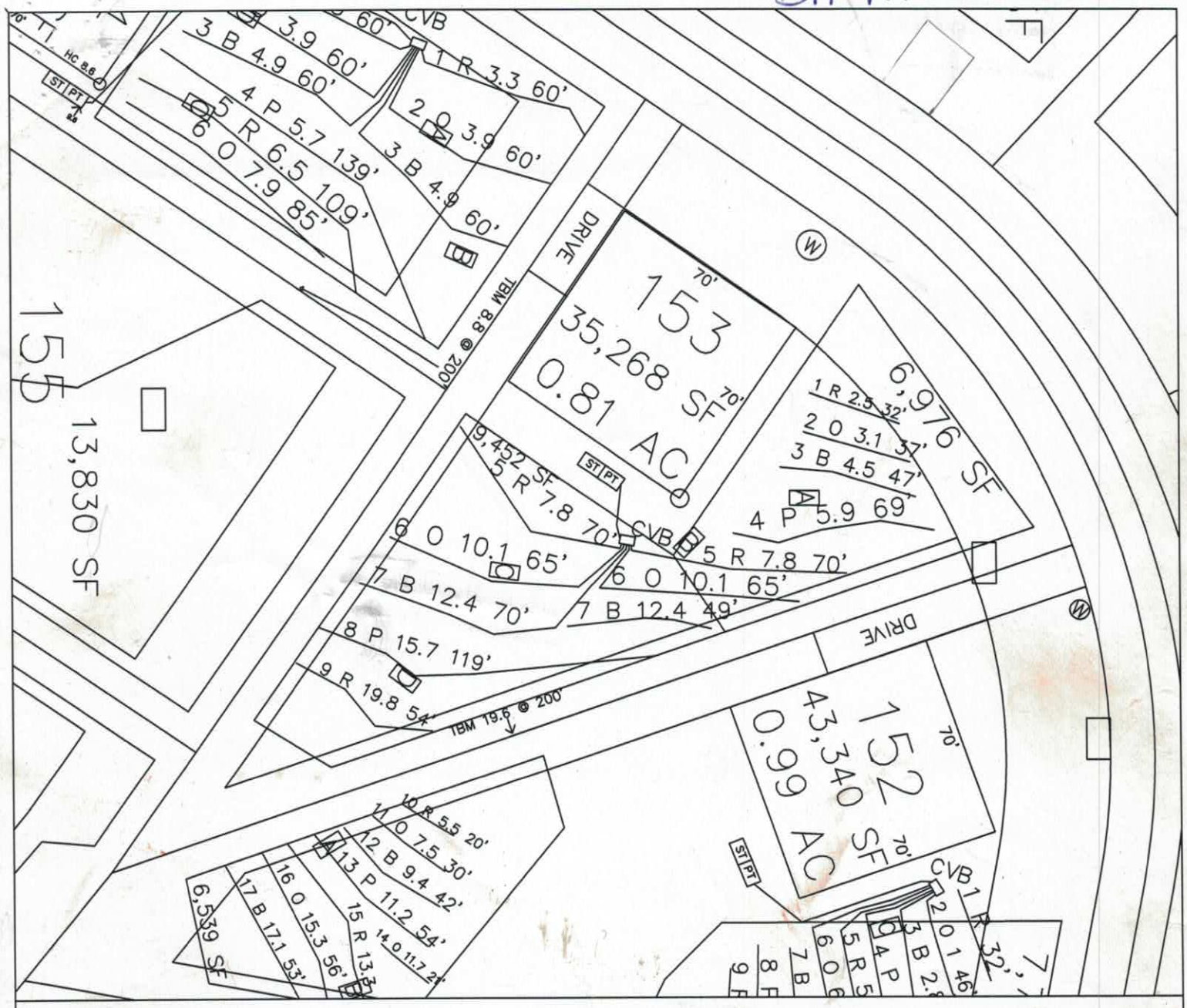
Signature: _____ 7/10/2014
REQUIRED property owner or owner's legal representative signature. DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN

See Attached Plan

White Copy – Environmental Health Yellow Copy – Applicant

BH Pit locations



LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.
- House Footprint (All 70' x 70')
- System lines.
- Repair lines.
- TBM.
- Well Location.
- Purposed Pit Location
- RS&ES Pit Location.
- Health Dept. Pit Location.

GRAPHIC SCALE
1" = 50'

50 0 50 100

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE. SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278 - 0989
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: ROLLANSFORTCJ@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: ANNISTON, LLC. / ANNISTON PHASE IV

LOCATION/DATE: SHEARER CHAPEL ROAD, IREDELL COUNTY, NORTH CAROLINA, FEBRUARY 2006

JOB # :	01-1005
FILE:	C:\JOBS\01-1005
PROJECT MGR.:	S.A.R.
FIELD WORK:	S.A.R.
DRAWN BY:	S.A.R.

Acknowledgement of
Plans Submittal ONLY!

WALKING HORSE Lot-153

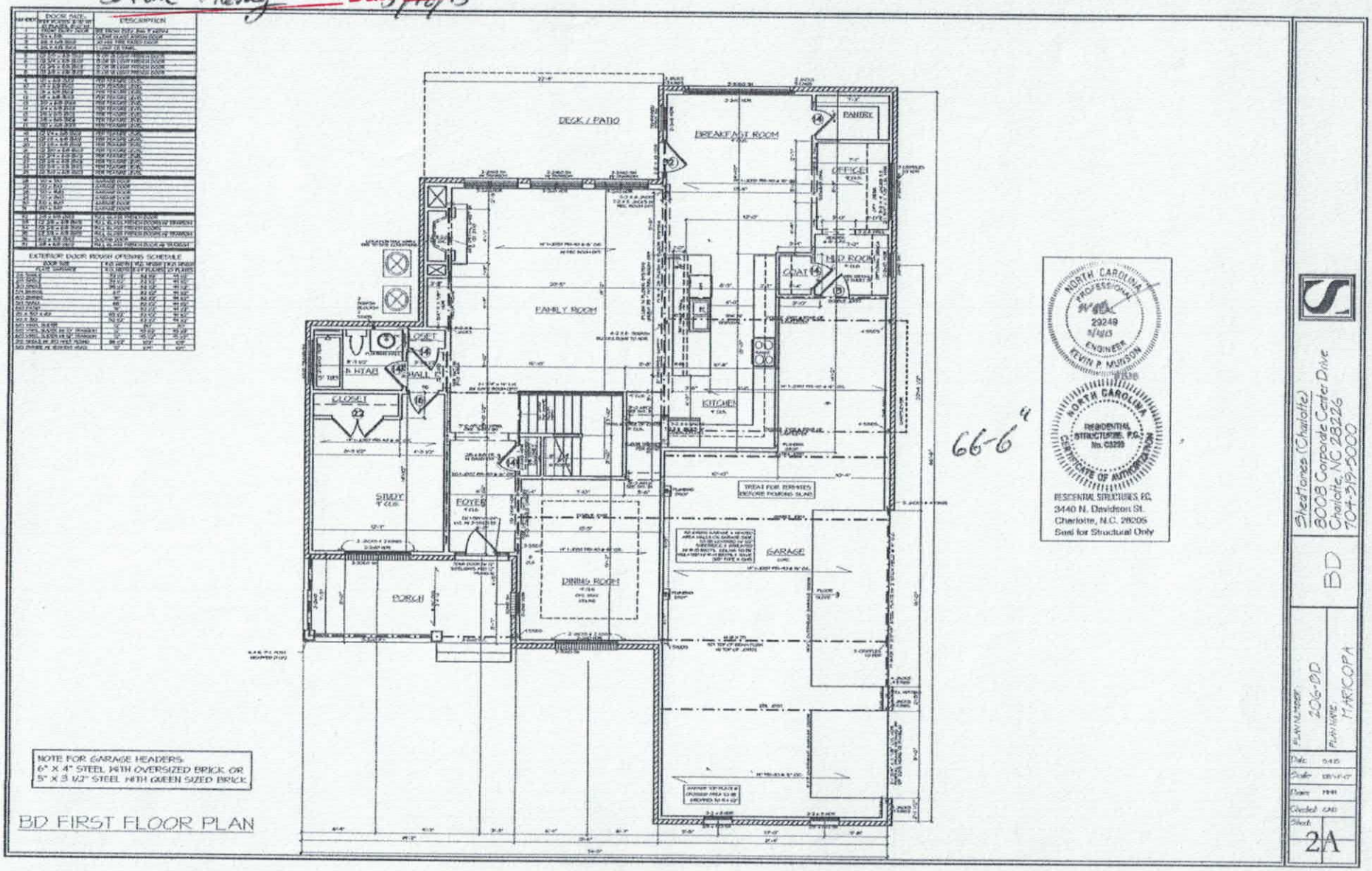
3A

APPROVED MAY 22 2015

Date

Stan Prenley

Date 5/18/15



Acknowledgement of
Plans Submittal ONLY!

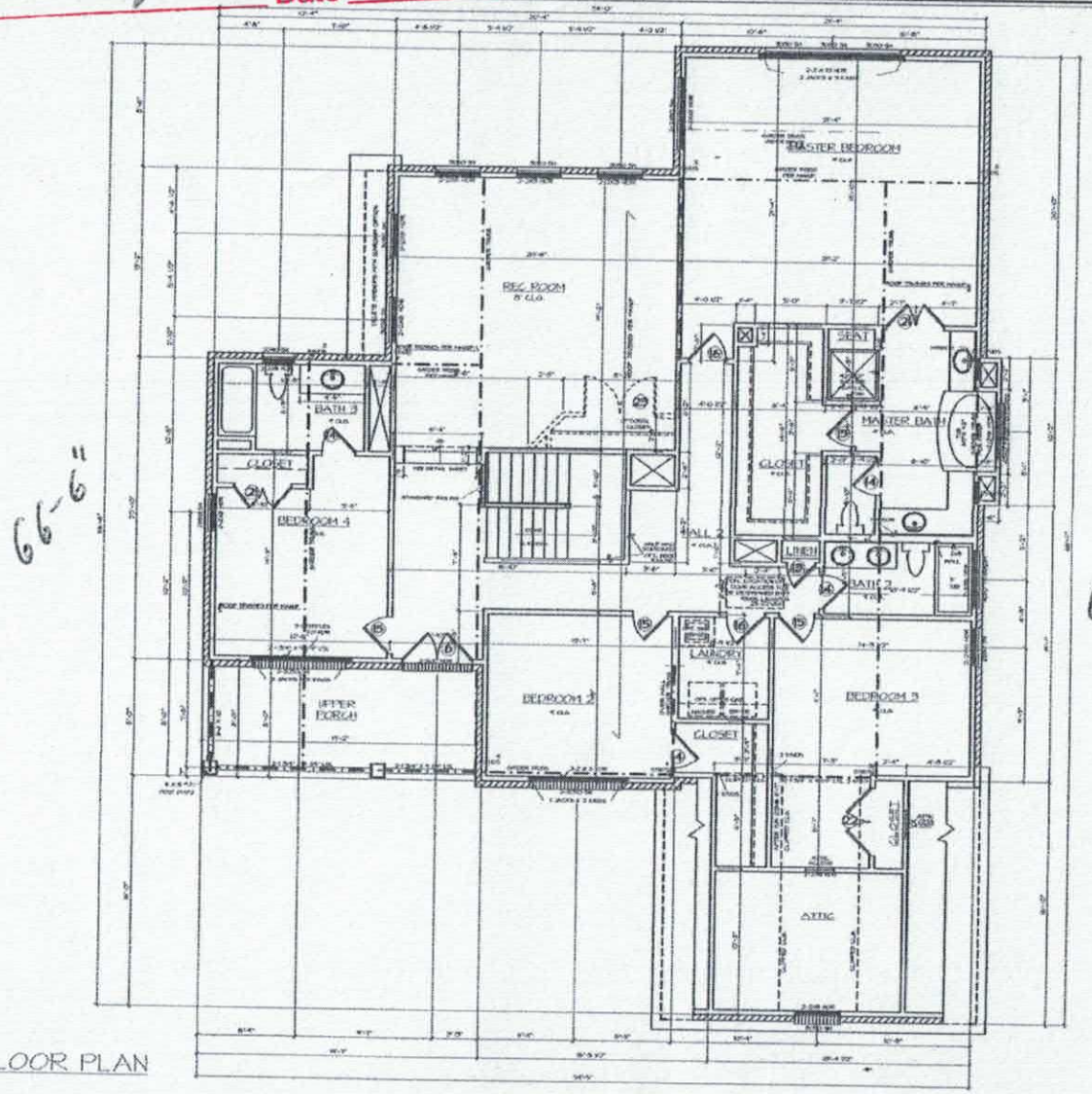
WALKING HORSE Lot-153

APPROVED MAY 22 2015

Stan Pearley Date 3/18/15

Date

54'



66-6"

66-11"

54-5"

BD SECOND FLOOR PLAN

NORTH CAROLINA PROFESSIONAL SEAL 29249 5/2013 ENGINEER KEVIN P. MUNSON

NORTH CAROLINA RESIDENTIAL STRUCTURES P.C. No. C3299 CERTIFICATE OF AUTHORIZATION

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

Stock Homes (Charlotte)
8008 Corporate Center Drive
Charlotte, NC 28226
704-319-8000

BD

PLAN NUMBER 206-BD
PLAN NAME MARICOPA

Date 5-15
Scale 1/8"=1'-0"
Drawn RMB
Checked CAD
Sheet 3B