IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 219432

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

PIN # 4659 15 1311

APPLICANT: Essex Homes APPLICANT ADDRESS: 13000 S. Tryon St. F-205 Charlotte, NC 28278

SITE ADDRESS: 132 Harvest Wind Ct Mooresville, NC 28115 PHONE: 704 301-3229 ALT. PHONE: 704 423-8988

SITE DIRECTIONS: US21/Hwy 115 N. TL Clear Springs TL Autumn Grove Ln TR Early Frost TL Harvestwind Crater

SUBDIVISION: Autumn Grove SECTION: 2 LOT # 36 LOT AREA: .63 Acre DESIGN FLOW: 480 gpd L.T.A.R.: .275

Septic Tank	1000	(gal)	STB	160	Date	2/1/16	☒ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI	
Pump Tank	1000	(gal)	PT	319	Date	5/4/16	System Description:	LPPBPS			
Pump Make			Model		Serial #		Repair System Description:	Same			
# Nitrification Fields	1		# Lines	3	Linear Ft:	290ft	Maintenance Agreement Required:	☒ YES	☐ NO		
Trench Width	min. 24"		Max. Trench Bottom Depth	36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

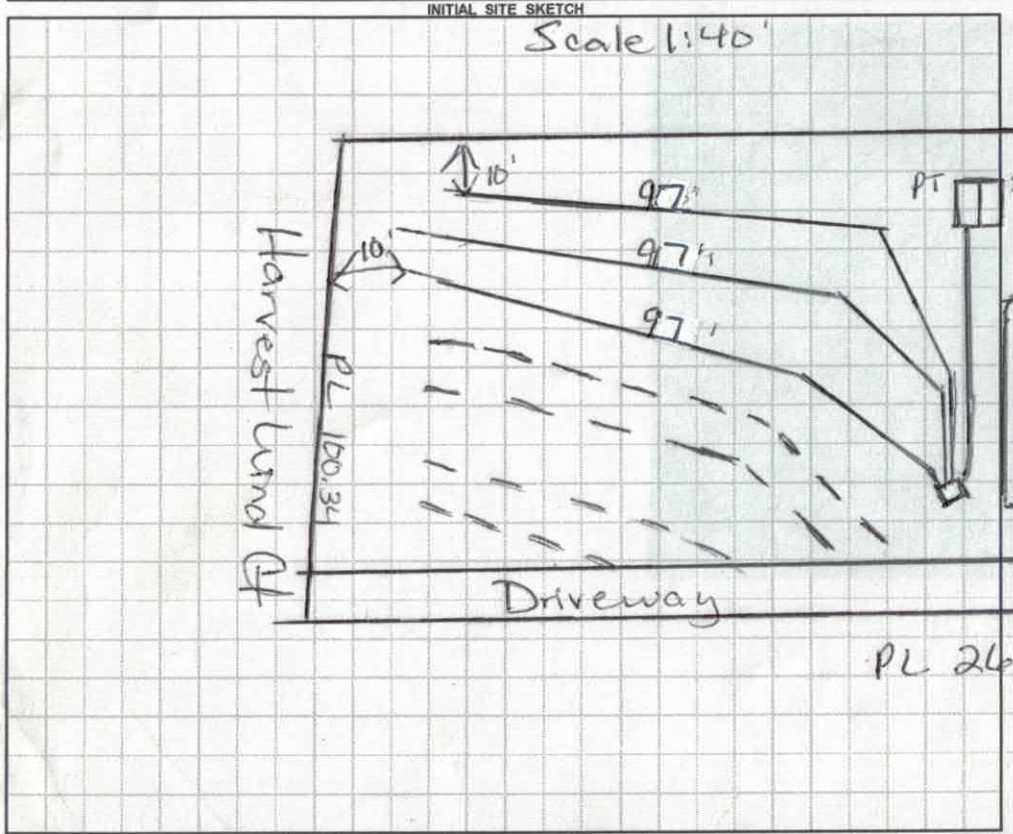
No. Bedrooms 4 No. Persons 8 No. Employees ☒ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

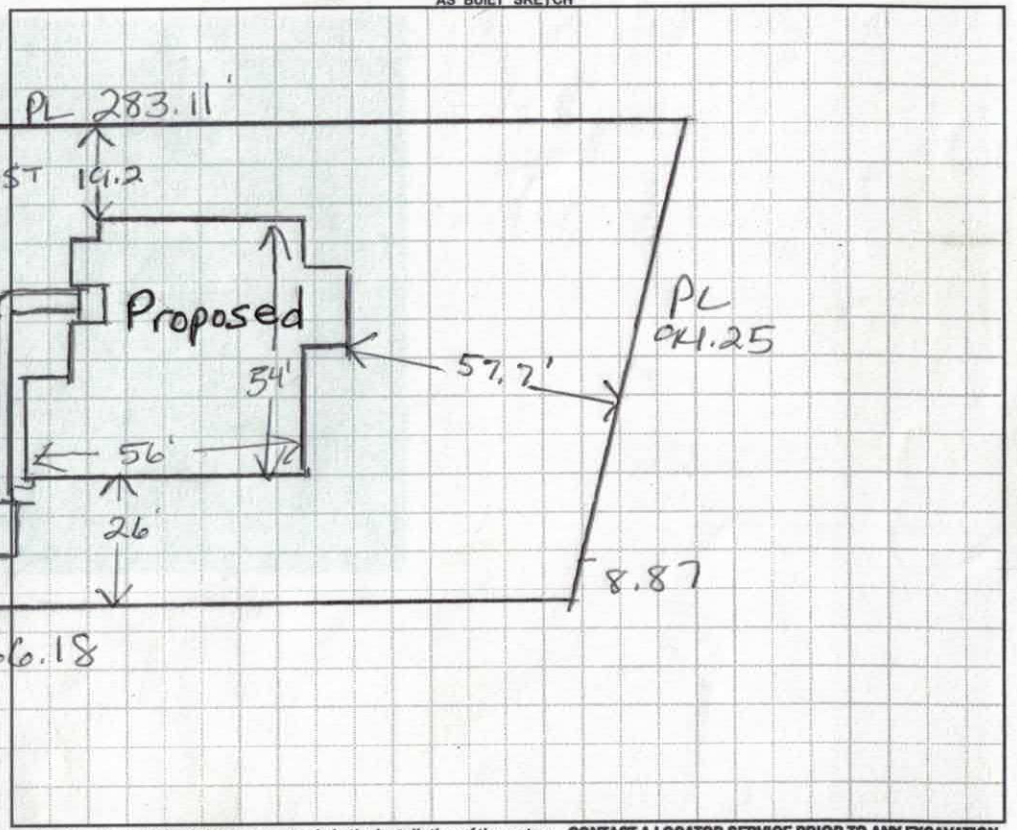
Comments / Conditions: * 290ft required.

Note: Original Soil Evaluation done by Rollins Soil & Environmental Services
2/16/17 Set 2ft pressure, checked test & alarm

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. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

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

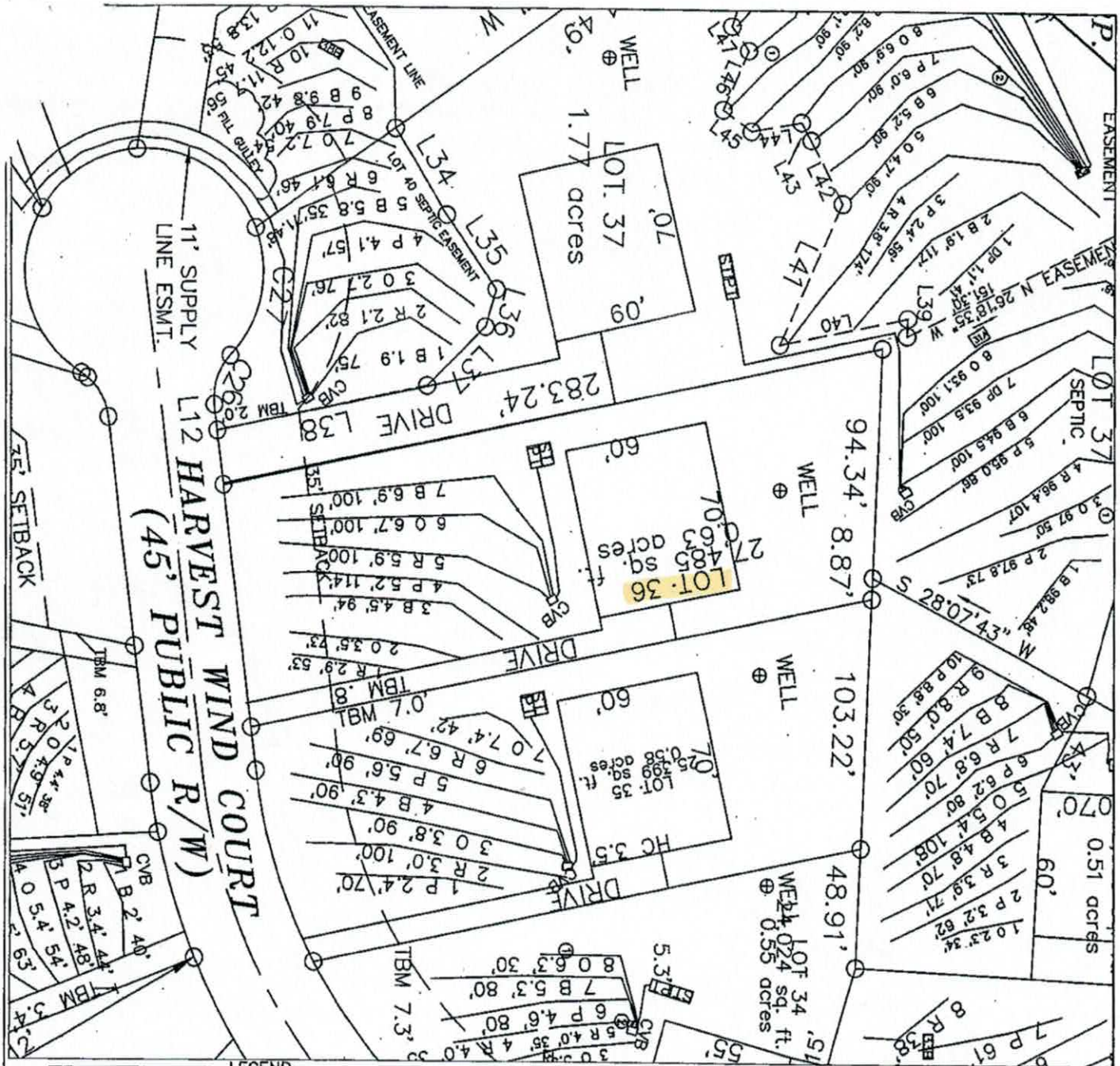
Owner / Applicant Signature: Bobby Ott Date: 7-25-16 Installed by: Water Management

IMPROVEMENT PERMIT by: Maria Dotson RS Date: 7/8/16 OPERATION PERMIT by: Maria Dotson Date: 2/16/17

AUTHORIZATION TO CONSTRUCT by: Maria Dotson RS Date: 7/8/16 Existing System Inspected by: Date:

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

	Date	Initials
Drain Lines Checked	11/23	WS
Tanks Checked	11/27	WS
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		
Comments: Attached		



LEGEND

House Box.

System lines.

Repair lines.

GRAPHIC SCALE
1" = 60'

60 0 60 120

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

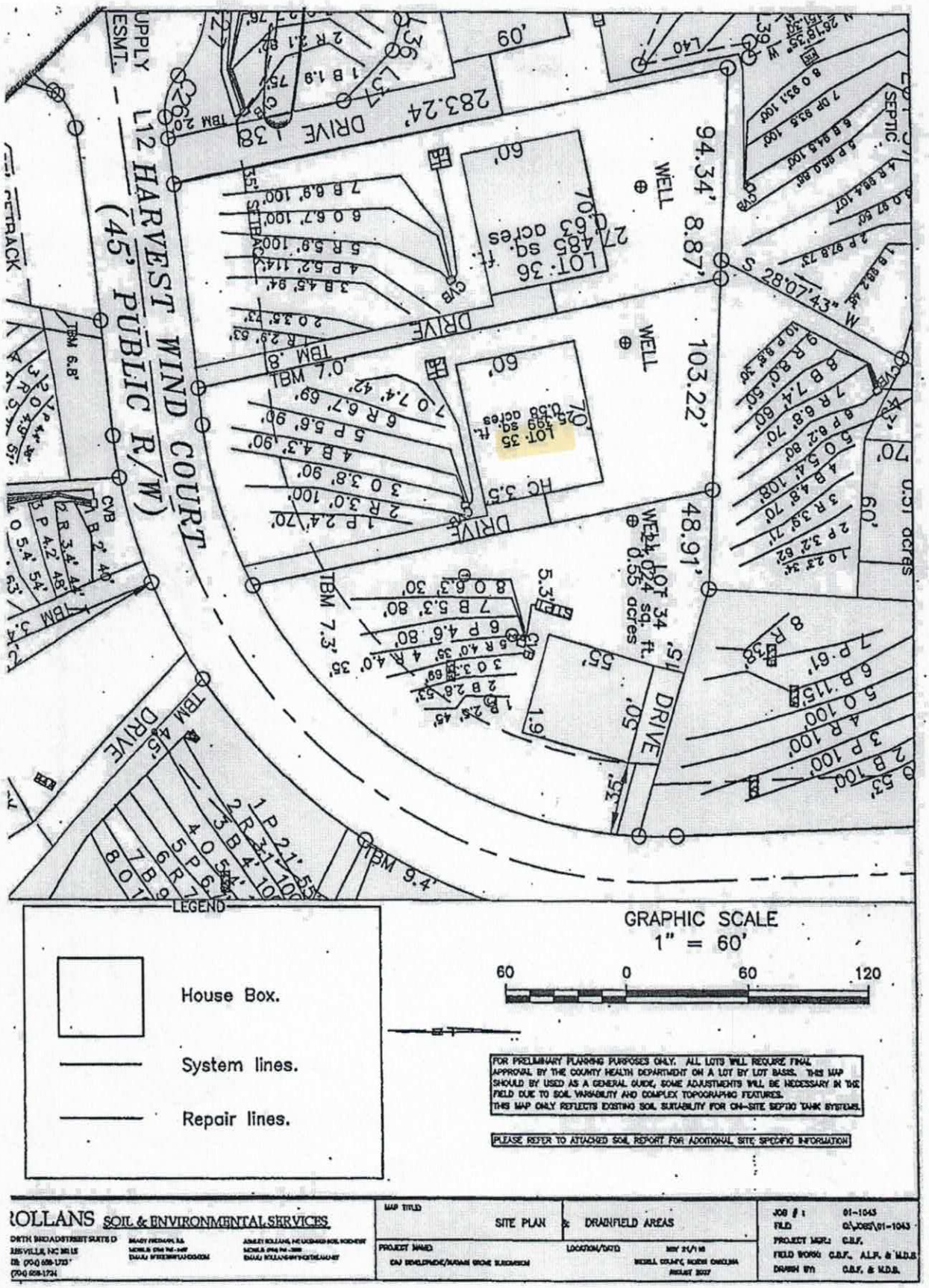
ROLLANS SOIL & ENVIRONMENTAL SERVICES
470 NORTH BROAD STREET SUITE D
MOORESVILLE, NC 28115
PHONE: (704) 658-1725
FAX: (704) 658-1724
BRADY FREEMAN, LS
EMAIL: BFREEMAN@VCG.COM
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
EMAIL: ROLLANSENVIRO@TEAM.NET

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: E&J DEVELOPMENT/AUTUMN GROVE SUBDIVISION

LOCATION/DATE: HWY 21/115 IREDELL COUNTY, NORTH CAROLINA AUGUST 2022

JOB # : 01-1043
FILE: C:\JOBS\01-1043
PROJECT MGR.: C.B.F.
FIELD WORK: C.B.F., A.L.P. & M.D.B.
DRAWN BY: C.B.F. & M.D.B.



For reference

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

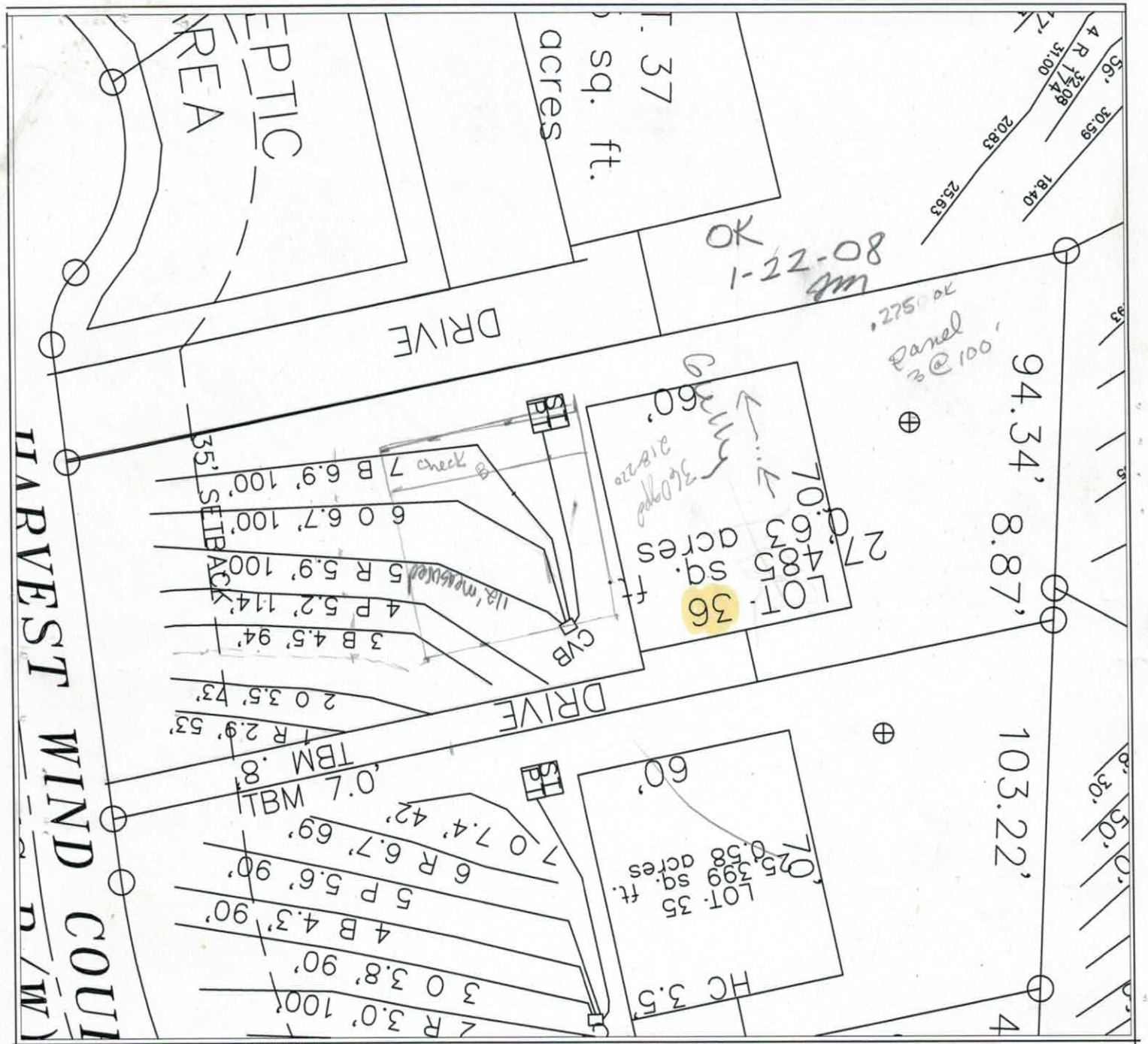
#36

PROPERTY ID #: _____
DATE OF EVALUATION: 1-7-08
COUNTY: Mc

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 36A	LSS 0-5%	0-9	B SCL Gr	SS, SP, Fr SExP	—	66"	—	—	P5
		9-38	RC MFSBK/ABK	SS, SP, Fr SExP	Br YB				
		38-66	RCL UFSBK	SS, SP, Fr SExP	Common Sap				.275
2		0-6	gr scl	SS SP SE	Br	50" C-Sap			.3
		6-29	MO SBK C	Fr SS SP	Red				
		29-50	WK SBK Cl	Fr SS SP	Red				
3	4%	0-10	GR BSCL	Fr SS SP					.3
		10-30	MFSBK RC	Fr SS SP					
		30-56	WSBK RCL	Fr SS SP SExP					
4		0-7	gr sl	Fr SS SP	Br	f-vfl/br			.275
		7-36	MO SBK C/F-ABK	Fr SS SP	Red				
		36-58	WK SBK/F-ABK Cl	Fr SS SP	Red	f-vfl/br			
			36-40"						

COMMENTS: _____


HARVEST WIND COURT
(45' PUBLIC R/W)
SEPTIC AREA
LOT. 37
27,675 sq. ft.
0.635 acres
LOT. 36
27,485 sq. ft.
0.631 acres
LOT. 35
25,399 sq. ft.
0.583 acres
LOT. 34
24,024 sq. ft.
0.551 acres
LOT. 33
30,056 sq. ft.
0.690 acres
LOT. 32
27,208 sq. ft.
0.625 acres
DRIVE
94.34'
8.87'
103.22'
48.91'
SETBACK
TBM
TBM 5.3'
70'
60'
HC 3.5'
7 B 6.9' 100'
6 O 6.7' 112'
5 R 5.9' 111'
4 P 5.2' 114'
3 B 4.5' 94'
2 3.5' 73'
1 R 2.5' 53'
6 R 6.7'
5 P 5.6'
4 B 4.3'
3 O 3.8'
2 R 3.0'
1 P 2.4'
1 B 2' 40'
2 R 3.4' 44'
3 P 4.2' 48'
4 O 5.4' 54'
5 R 6.7' 63'
9 O 2.3' 33'
8 B 4.3' 79'
7 P 3.6' 77'
6 R 3.0' 76'
5 O 2.3' 70'
4 B 1.8' 60'
3 P 1.6' 51'
2 B 3.2' 62'
1 O 2.3' 34'
8 R 3.9' 71'
7 P 6.2' 92'
6 B 4.8' 108'
5 O 5.4' 108'
4 R 6.8' 79'
3 P 7.4' 64'
2 B 8.8' 51'
1 O 10.4' 38'
8 R 38'
7 P 61'
6 B 115'
5 O 100'
4 R 100'
3 P
2 B
1 DP 41'
2 B 117'
3 P 56'
4 R 74'
5 O 117'
6 O 125'
7 DP 122'
8 B 119'
9 R 107'
10 DP 73'
1 B 48'
2 P 73'
3 O 50'
4 R 107'
5 P 68'
6 B 119'
7 DP 122'
8 O 125



LEGEND

House Box.

System lines.

Repair lines.

GRAPHIC SCALE
1" = 40'

40 0 40 80

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
470 NORTH BROAD STREET SUITE D
MOORESVILLE, NC 28115
PHONE: (704) 658-1723
FAX: (704) 658-1724
BRADY FREEMAN, RS.
MOBILE: (704) 746 - 6497
EMAIL: BFREE2098@YAHOO.COM
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 3046
EMAIL: ROLLANS@WINDSTREAM.NET

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: E&J DEVELOPMENT/AUTUMN GROVE SUBDIVISION

LOCATION/DATE: HWY 21/115 IREDELL COUNTY, NORTH CAROLINA AUGUST 2007

JOB # : 01-1043
FILE: C:\JOBS\01-1043
PROJECT MGR.: C.B.F.
FIELD WORK: C.B.F., A.L.P. & M.D.B.
DRAWN BY: C.B.F. & M.D.B.

RECEIVED JUN 2 2016

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

(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)

#219432

1. APPLICATION FOR: ✓ Improvement Permit ✓ Authorization To Construct ___ Existing System Inspection

****

Ltd Relayout

2. Page 2: *Site Plan Worksheet* Form MUST Accompany This Application

Paid $105.00 7-1-16

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:

Contact Stan Pressley when ready 5152

ESSEX HOMES	13000 S. TRYON ST. F-205	704-423-8988	704-622-5152
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
ESSEX HOMES	CHARLOTTE, NC 28278		
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

****

4. Property Information:

132 HARVEST WIND CT, MOORESVILLE NC 28115	AUTUMN GROVE	1/2	36
Street Address	Subdivision Name	Section/Phase	Lot Number

Driving Directions: CHARLOTTE HWY TO CLEAR SPRINGS RD, left AUTUMN GROVE LN, RIGHT EARLY FROST LN, left HARVEST WIND CT, PROPERTY ON THE RIGHT

****

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 due to _____
( ) Other _____

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 _____
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)* ( ) EXISTING SYSTEM installed ____ *Year*

( ) Alternative ( ) Conventional (✓) Innovative ( ) Modified Conventional ( ) Other _____

8. Please Answer The Following ( ) Yes ( ) No Does the site contain any jurisdictional wetlands?
To The Best of Your Ability: ( ) 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: _____ 5-30-16

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

Autumn Grove Lot 36

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Essex Homes Southeast (Derek Burns), am the legal owner(s) of the property located at 132 Harvest Wind Ct, Mooresville, NC, identified as PIN (Parcel Identification Number) 4659151311, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Cornestone Properties - Stan Pressley, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Signature of Owner(s) — Date: 7/20/16

Signature of Witness — Date: 7/20/16

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*:

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…**

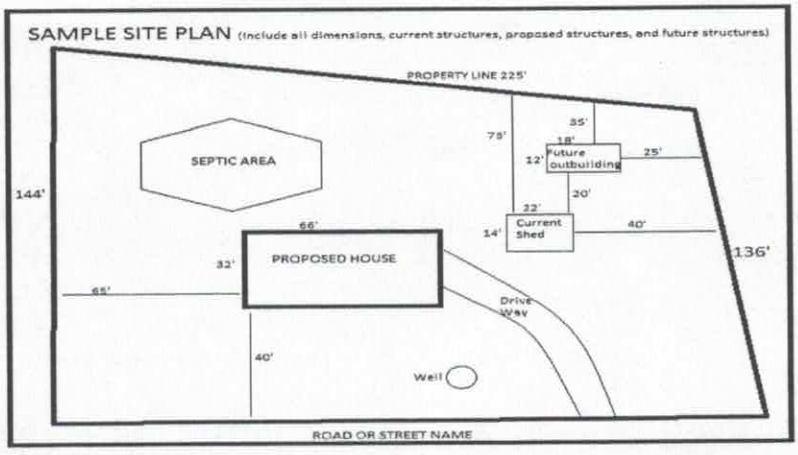
✓ **North arrow, or other sufficient indicator of direction…**

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**



USE THIS SPACE TO DRAW YOUR SITE PLAN

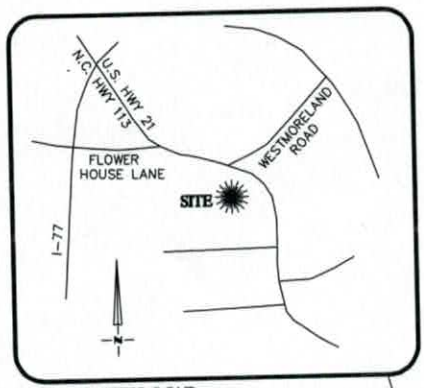
☐ SEE ENCLOSED PLOT PLAN!

Signature: _____

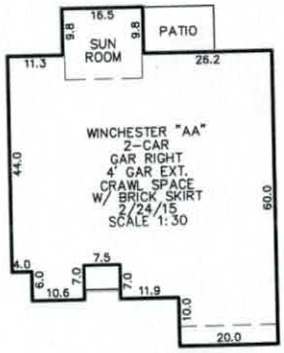
REQUIRED **property owner or owner's legal representative signature.**

5-30-16

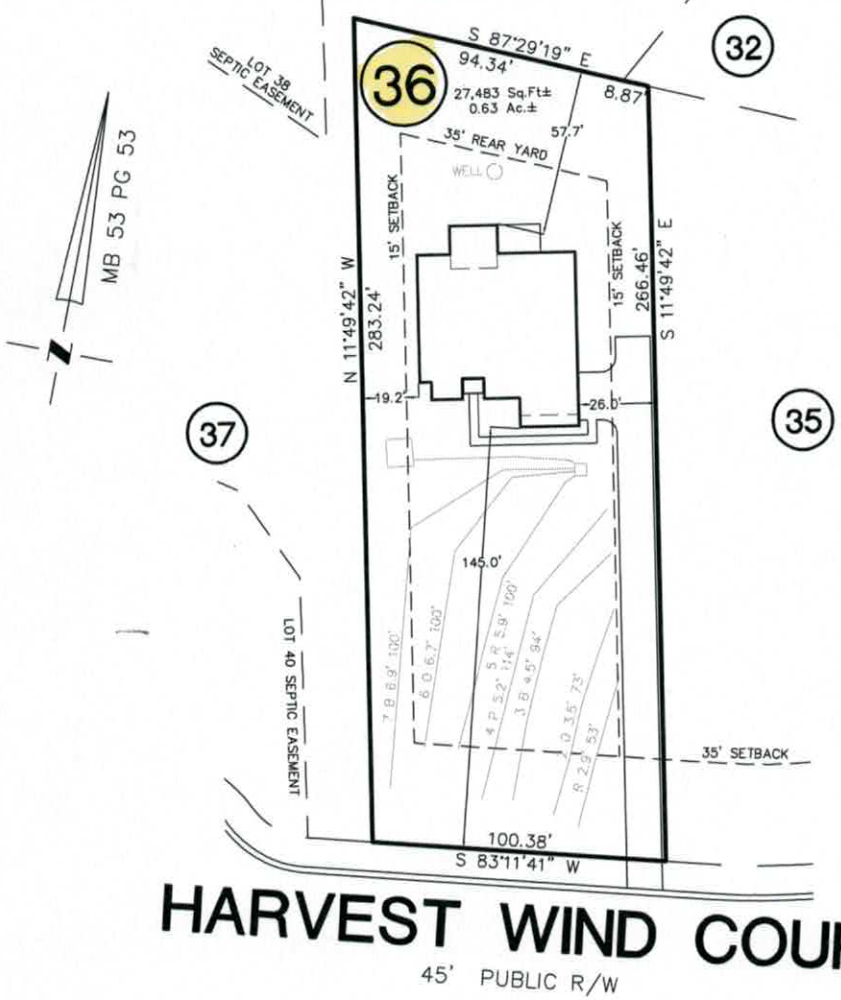
DATE



VICINITY MAP
Not To Scale



LOT FIT ONLY



HARVEST WIND COURT

45' PUBLIC R/W

NOTE:
1. BUILDER ASSUMES RESPONSIBILITY FOR GRADING LOT AND/OR DESIGNING STEPS, PORCHES, DECKS, ETC. AS NECESSARY TO PREVENT ENCROACHMENT INTO SETBACKS.
2. HOUSE DIMENSIONS AND OPTIONS SHOULD BE VERIFIED WITH CONTRACTOR PRIOR TO CONSTRUCTION.
3. SETBACKS/ EASEMENTS SHOULD BE VERIFIED WITH DEVELOPER AND LOCAL OFFICIALS PRIOR TO CONSTRUCTION.
4. THIS IS A CONCEPTUAL DRAWING AND CONTENTS SHOWN HEREON ARE SUBJECT TO CHANGE UPON FINAL CONSTRUCTION.
THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES.

50 0 50
SCALE: 1" = 50'

HOUSE LOCATION PLOT PLAN

FOR

LOT 36, AUTUMN GROVE SUBDIVISION, PHASE 2
Barringer Township, Iredell County, North Carolina

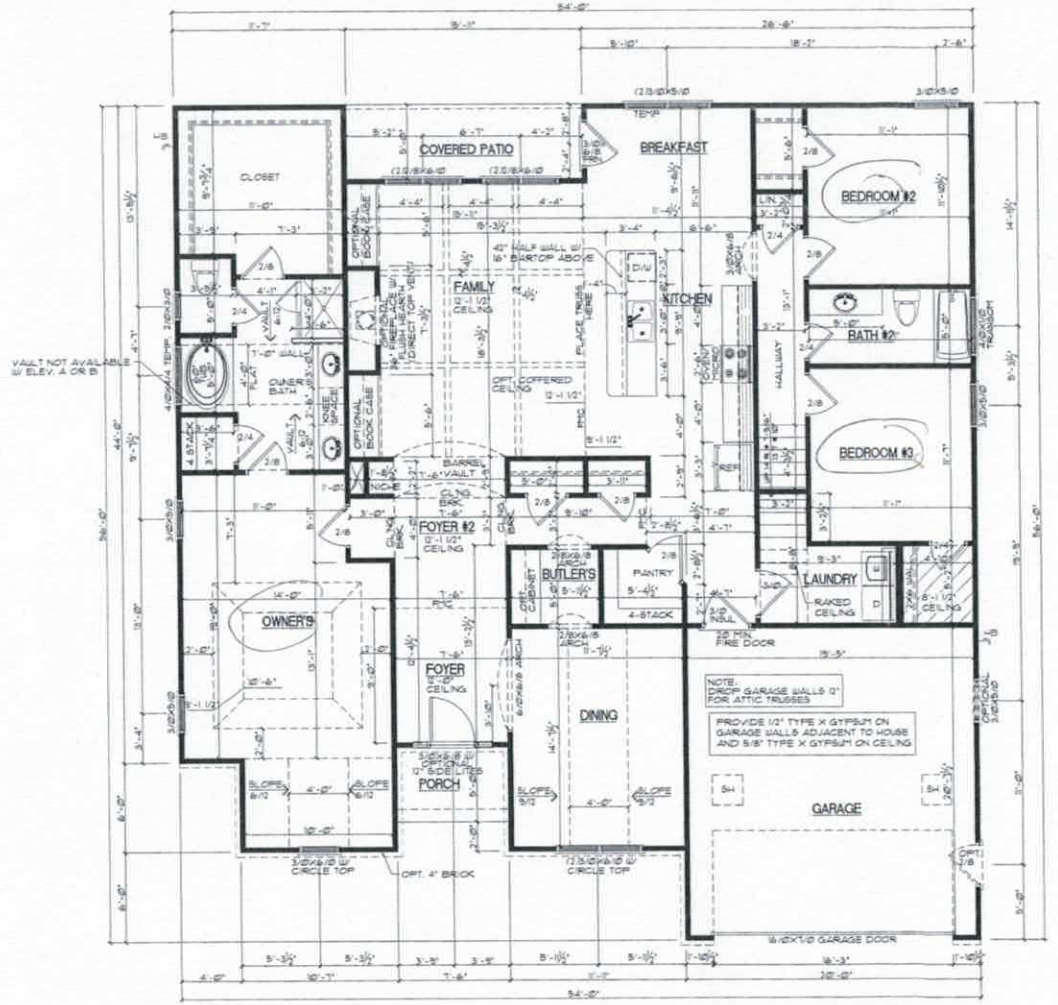
PROPERTY OF: ESSEX HOMES

MAP BOOK 53 PAGE 53 DEED REFERENCE

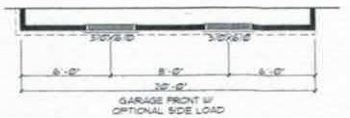
EASTOVER
LAND SURVEYING COMPANY, P.A.
LAND SURVEYORS - PLANNERS (C-1833)
10430 PARK ROAD, SUITE #300
CHARLOTTE, NORTH CAROLINA 28210
PHONE (704) 927-8080
FAX (980) 309-0842

DRAWN BY: MJA

DATE: MAY 20, 2016



FIRST FLOOR–"A"



NOTE:
UNFINISHED BASEMENT:
BUILD ONLY SOLID WALLS, ADD ROUGH-IN FOR FUTURE PLUMBING.

FINISHED BASEMENT:
BUILD ALL WALLS, CABINETS AND BATHS. FURR POURED WALLS AT FINISHED AREAS W/ 2X4 WALL AT 16" O.C.

PROVIDE WINDOW FALL PROTECTION PER R612.2

PLANS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE 2012 EDITION AND THE SOUTH CAROLINA RESIDENTIAL CODE, 2012 EDITION

GENERAL NOTES

WALLS:
ALL WALLS ARE DRAWN 3-1/2" THICK U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.

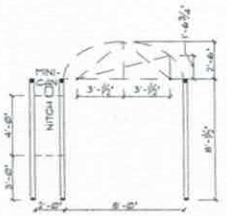
SMOKE / CARBON DETECTORS:
LOCATION AND NUMBER OF DETECTORS SHALL COMPLY W/ R314 OF THE 2012 NCRC.

EGRESS:
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. 1 & C. BLDG. CODE IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

ATTIC ACCESS:
PROVIDE MIN. ATTIC ACCESS PER R807

WALL/CEILING HGT.
WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE.
KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

NOTE:
IF BUILDING IS LESS THAN 10' FROM PROPERTY LINE PROVIDE SOFFIT PROTECTION PER NC RESIDENTIAL BUILDING CODE SECTION R302.1.3



BARREL VAULT DETAIL

NOTE: ARCH HEIGHT TO START @ 8'-0" +12" BELOW PLATE HEIGHT=

Acknowledgement of Plans Submittal ONLY!

Date 6-2-16

Date 7/8/16

www.frazierhomedesign.com
FRAZIER HOME DESIGN, LLC.
2840 PLAZA PLACE, SUITE 320
RALEIGH, NC 27612
O: (919)-424-7245

THE WINCHESTER

Essex Homes, Inc.

DATE:	04/05/2013
DRAWN BY:	JJ
REVISION DATE:	2/24/2015 KDB

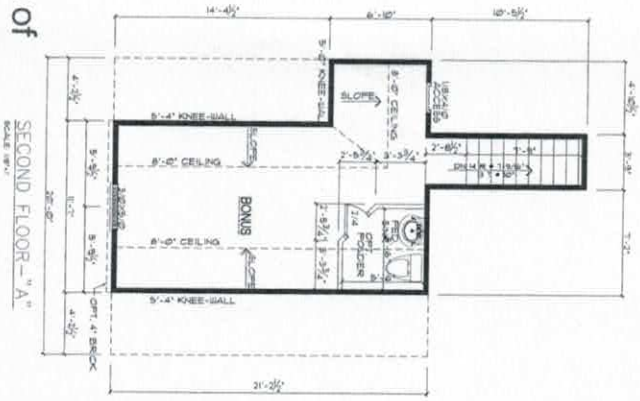
FIRST FLOOR

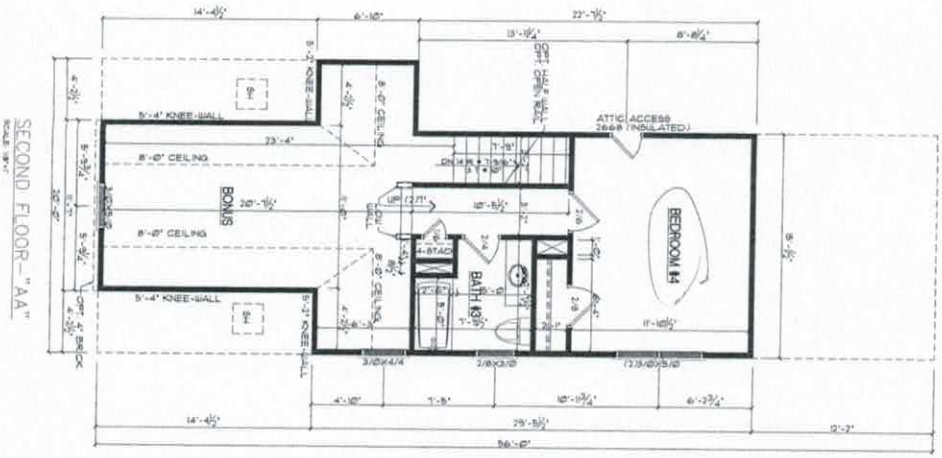
SHEET NO. 4.1

Acknowledgement of
Plans Submittal ONLY!

Date 6-2-16

Date 6/2/16





SHEET NO. 5.1	SECOND FLOOR	REVISION DATE 2/24/2015 KDB	DRAWN BY: JJ
			DATE: 04/08/2013

Essex Homes, Inc.

THE WINCHESTER

www.frazierhomedesign.com
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