IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 218518

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

PIN # 4740-52-9218

APPLICANT: ELG INVESTMENTS LLC APPLICANT ADDRESS: 16108 NORTH POINT RD. HUNTERSVILLE

SITE ADDRESS: 152 HAWKS LANDING DR. - Troutman PHONE: 704-578-4951 ALT. PHONE: KATHLEEN SAUNDERS

SITE DIRECTIONS: FLOWER HOUSE, TL HAWKS LANDING, ON R

SUBDIVISION: HAWKS LANDING SECTION: — LOT # 11 LOT AREA: .507 AC DESIGN FLOW: 360 L.T.A.R.: .3

Septic Tank 1000 (gal) STB 825 Date 1-24-17

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft: 300'

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth —

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

System Description: 25% REDUCTION

Repair System Description: PANEL BLOCK

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons

☐ Other No. Employees

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions:

INSTALLED AS SHOWN

INITIAL SITE SKETCH

SEE PLAN FROM THE OAKS GROUP

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: Date: 5/26/16 Installed by: ROWAN SEPTIC

IMPROVEMENT PERMIT by: Date: APPROVED MAY 24 2016 OPERATION PERMIT by: Date: 3-20-17

AUTHORIZATION TO CONSTRUCT by: Date: APPROVED MAY 24 2016 Existing System Inspected by: Date:

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

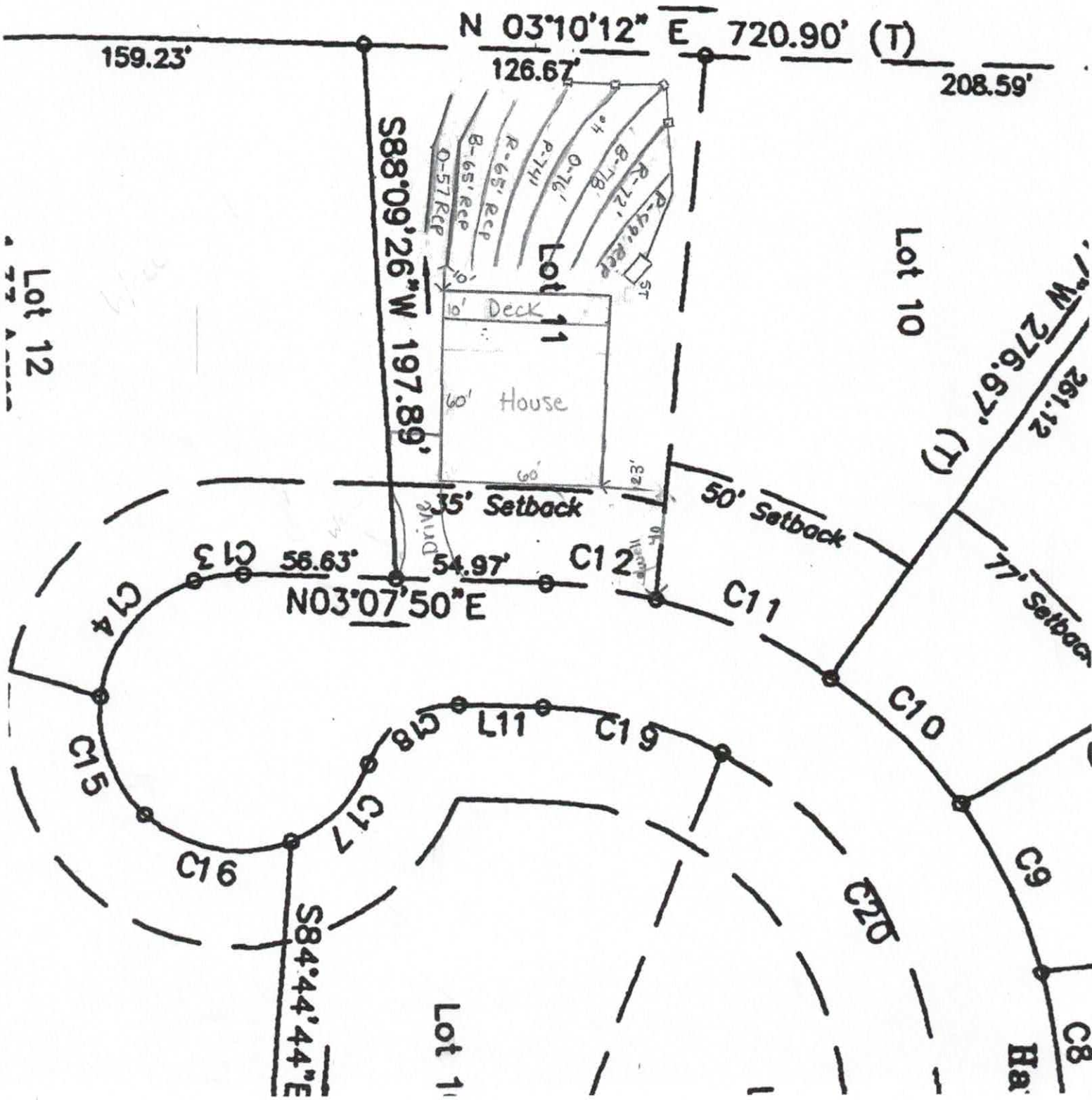
APPROVED MAY 2 4 2016

3A

Lot 22
Richard Lee Johnson
Deed Book 1861 Page 536
Parcel ID #4740-52-6034

N

1" = 50'



THE OAKS GROUP, PA

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

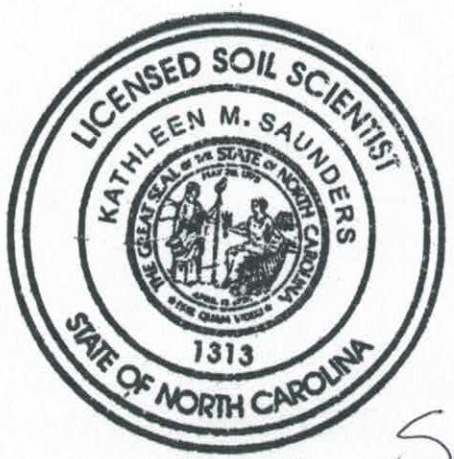
RE: 152 Hawks Landing Drive

Date: May 4, 2016

Attached is the septic specification information required to permit 152 Hawks Landing Drive for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Expedited Review Process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the ICHD with permitting. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the ICHD's responsibility to verify all specifications, including soil descriptions, before permitting and/or septic system installation.



Kathleen Saunders

APPROVED MAY 24 2016

Lot 11 Hawks Landing Subdivision Fast Track - The Oaks Group, PA

Number of Bedrooms	**3**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**360**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	300
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	36"
Maintenance Agreement Required	No
Repair System	**LP PPBPS**
Total Linear Feet	0.3
Repair Loading Rate	236

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Pink	LP PPBPS	49
2	System	Red	25% Reduction	72 endfed
3	System	Blue	25% Reduction	78 endfed
4	System	Orange	25% Reduction	76 endfed
5	System	Pink	25% Reduction	74 endfed
6	Repair	Red	LP PPBPS	65
7	Repair	Blue	LP PPBPS	65
8	Repair	Orange	LP PPBPS	57
				Total System: 300'
				Total Repair: 236'

Note: Keep proper setbacks to foundation drains
Distribution devices and tank locations can be altered at ICHD's discretion

Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 3/13/13

Owner or Client: ELG Investments
Proposed Facility: House
Design Flow:
Property Size:
Location of Site: Lot 11 Hawks Landing
Soil Described By: KMS
Others Present:
Site LTAR: Int. 0.3 Rep. 0.3
Antecedent Moisture:
Weather:
Site Classification: PS

Water Supply: [ ] Public [ ] Community [X] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY: Structure/ Texture	SOIL MORPHOLOGY: Consistence Mineralogy	PROFILE FACTORS: Inclusions	Matrix Color	Mottles	Profile Notes (Restr Hortz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L	0-3	WK GR SL	FR NS/NP		Br		Gravelly	0.3
		3-24	Mo SBK C	FR SS/SP	F sap	Red			
		24-45	WK SBK CL	FR SS/SP	C sap	Red			
		45-48	MA L Sap	FR SS/SP		yel R			
2	L	0-3	Mo GR SL	FR NS/NP		Br		Gravelly	0.3
		3-34	Mo SBK C	FR SS/SP		Red			
		34-48	WK SBK C	FR SS/SP	F Sap	Red			
3	L	0-7	Mo GR SL	FR NS/NP		Br			0.3
		7-22	Mo SBK C	FR SS/SP		Red			
		22-50	WK SBK CL	FR SS/SP	C sap	Red			
	P	50-59	MA L Sap	FR SS/SP		Red			
4	L	0-3	Mo GR SL	FR NS/NP		Br		Gravelly	0.3
		3-26	Mo SBK C	FR SS/SP		Red			
		26-48	WK SBK CL	FR SS/SP	F Sap	Red			
5									
6									

COMMENTS:

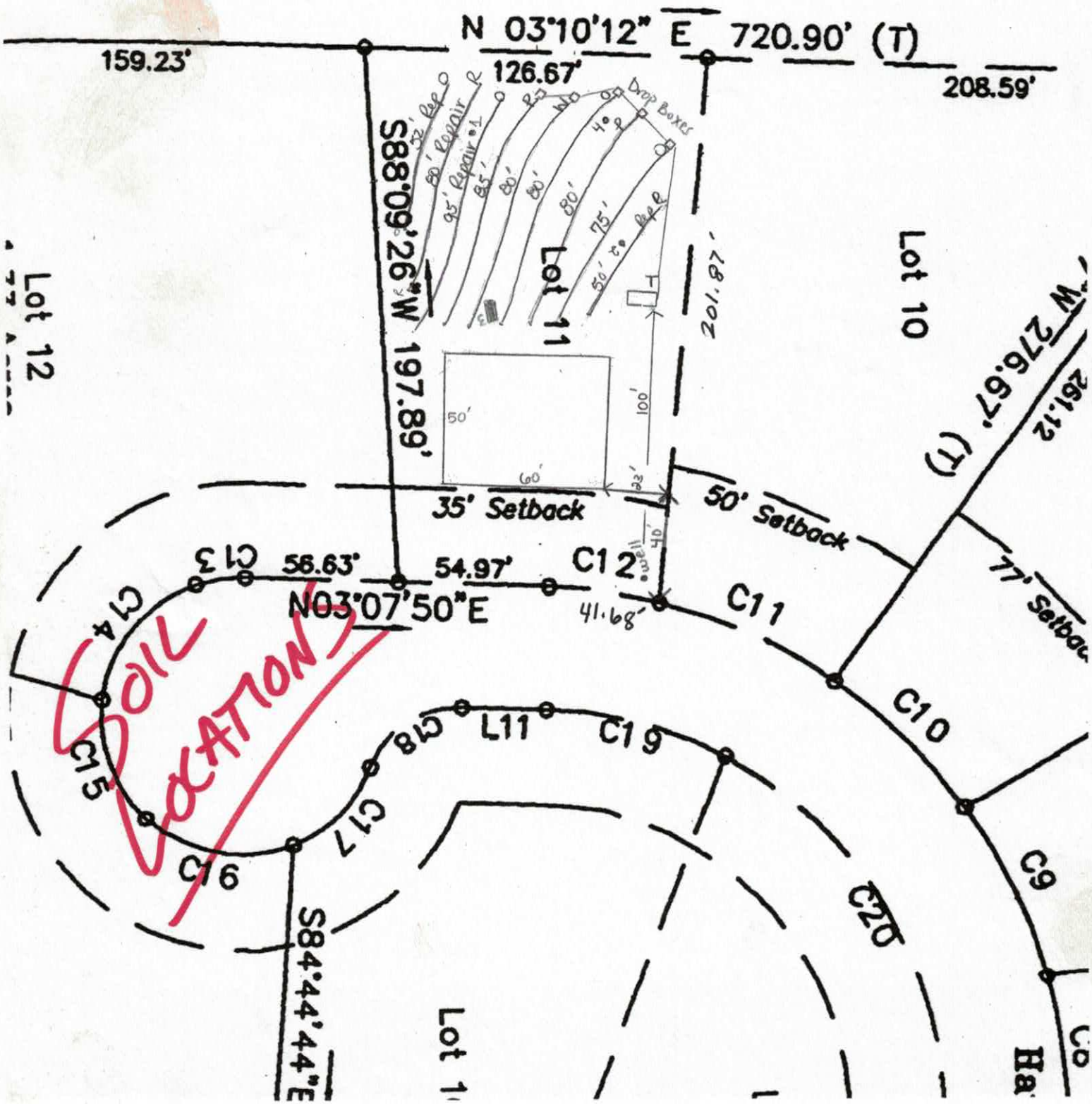
Approved ICHD
4-19-13

All Borings, septic lines, house stakes, and wells have been approximately located on this site plan, and have not been located on site by a licensed surveyor.

Lot 22
Richard Lee Johnson
Deed Book 1861 Page 536
Parcel ID #4740-52-6034

Approved ICHD
4-19-13

1" = 50'



RECEIVED MAY 6 2016

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: APPLICATION FORM

Paid $75.00 Ltd Relay. #218518

Application For:

- (X) Septic Improvement Permit
- (X) 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:

Place an (X) beside whichever is submitted if applicable

- (X) Survey Plat, scaled no more than 1 inch = 60 feet
- ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

contact Kathleen Saunders (704) 578-4951

Applicant Information:

Applicant Name: ELG Investments LLC **Address:** 16108 North Point Rd Huntersville 28078 **Phone:**

Owner Name: same **Address:** **Phone:**

Property Information:

Street Address: 152 Hawks Landing Dr Troutman

Subdivision Name: Hawks Landing **Section/Phase:** **Lot Number:** 11

Driving Directions: NC Hwy 115, L Flower House Loop, L Hawks Landing Dr on R near end

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: 3
Maximum Number of Occupants: 6

- ( ) Swimming Pool
- ( ) Other Addition/Structure:

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

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 ( ) Other:

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

05/04/16
DATE

AUTHORIZATION TO ACT AS AGENT FOR OWNER

Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit on behalf of the owner. This form allows the authorized agent to make decisions on behalf of the owner pertaining to modifications of permits in the field. It is the responsibility of the owner to assure that any/all permit conditions specified on permits issued by this Division are followed.

I, ELG Investments LLC, am the legal owner of the property located at 16108 North Point Rd Huntersville identified as PIN(Parcel Identification Number) 4740 52 9218.000, located in Iredell County, North Carolina.

I do hereby authorize (print authorized agent/company name) The Oaks Group, PA, _____, _____, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

1. Improvement Permit (IP)/ Authorization to Construct (AC).
2. Application for soil-site evaluation (new/repair).
3. Application/permit for water well/well abandonment.
4. Application for existing system.
5. Application for Improvement Permit (IP)/ Authorization to Construct (AC).

I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

_____ 5/2/16
Signature of Owner Date

Kathleen Saunders 5/4/16
Signature of Witness Date

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:

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

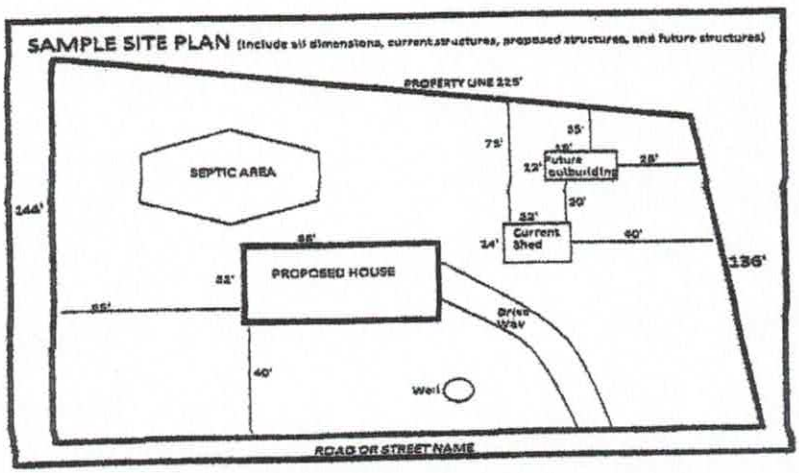
X ***Front and side setbacks from property line...*** X ***Preferred driveway location and configuration, preferred well location...***

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)



USE THIS SPACE TO DRAW YOUR SITE PLAN

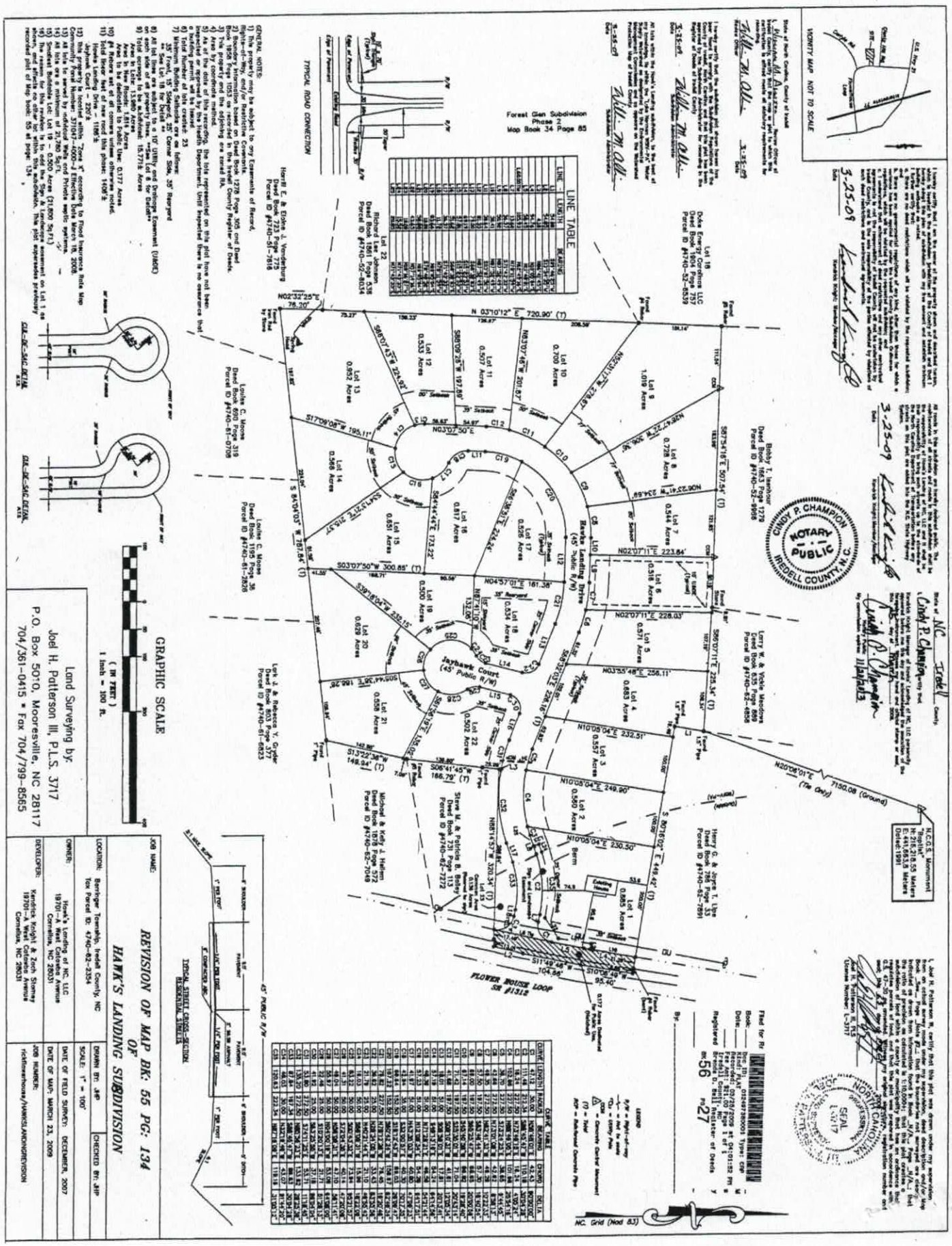
Please see attached site plan

Signature: Emma Hall

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

05/04/16

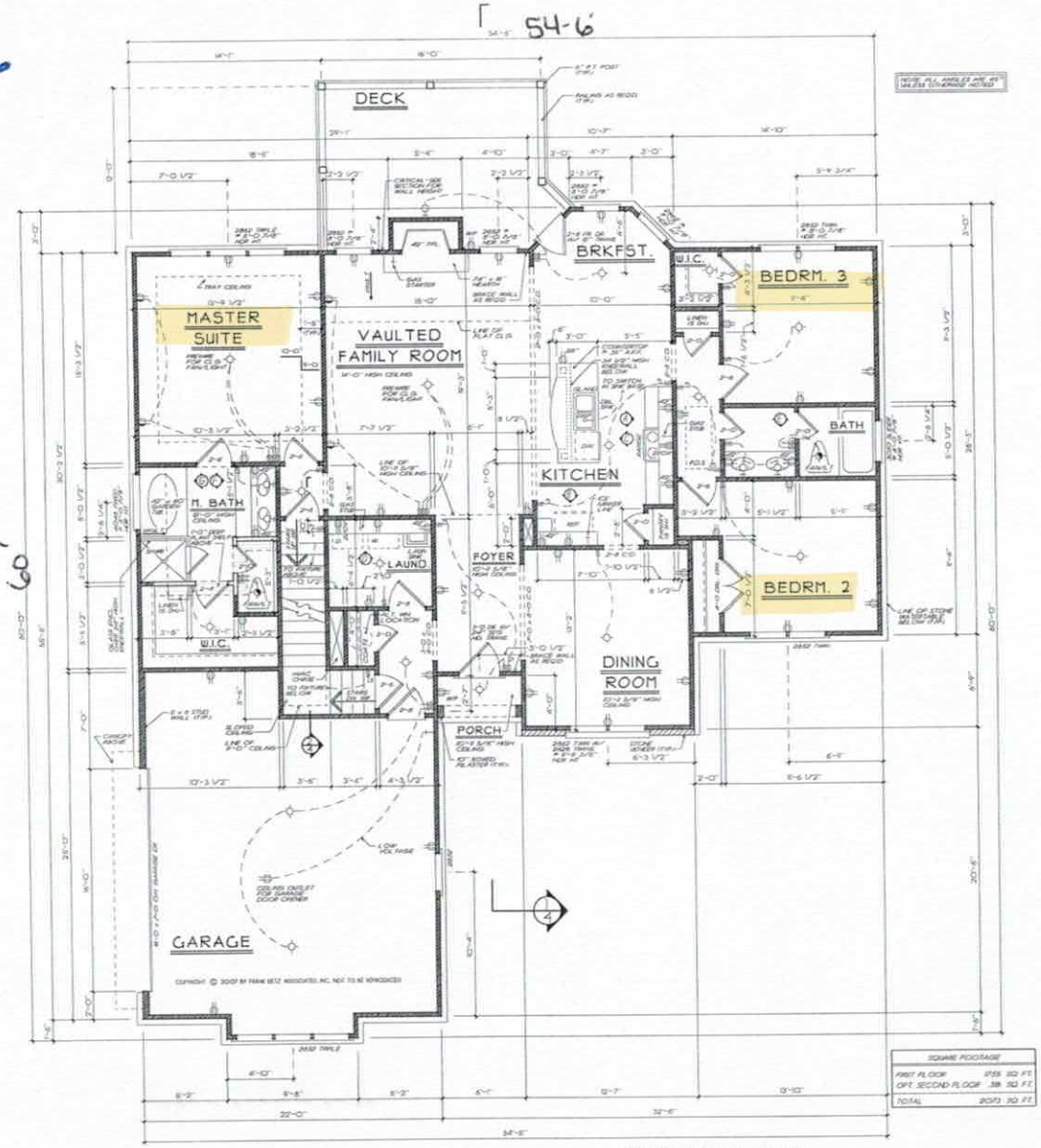
DATE

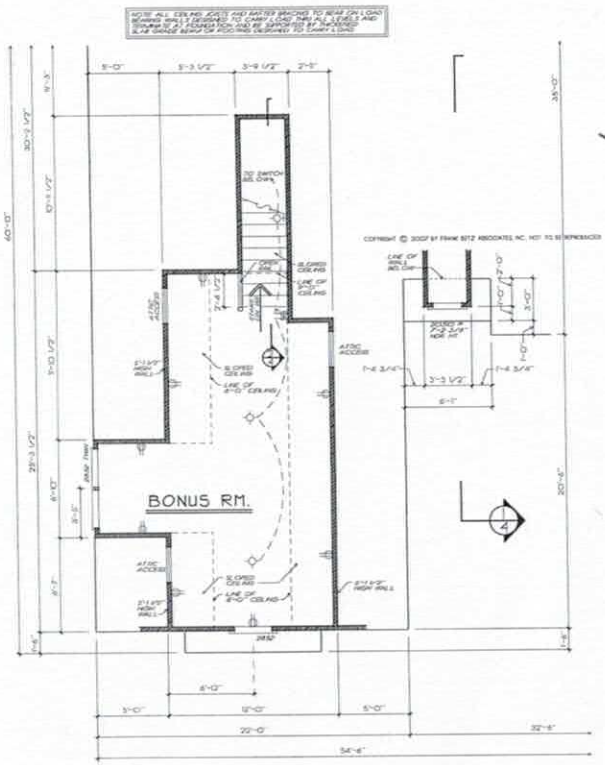

VICINITY MAP NOT TO SCALE
GRAPHIC SCALE
(IN FEET)
1 inch = 100 ft.
Land Surveying by:
Joel H. Patterson III, P.L.S. 3717
P.O. Box 5010, Mooresville, NC 28117
704/361-0415 * Fax 704/799-8565
REVISION OF MAP BK: 55 PG: 134
OF
HAWK'S LANDING SUBDIVISION
LOCATION: Barringer Township, Iredell County, NC
Tax Parcel ID: 4740-82-2354
DRAWN BY: JHP
CHECKED BY: JHP
SCALE: 1" = 100'
DATE OF FIELD SURVEY: DECEMBER, 2007
DATE OF MAP: MARCH 23, 2009
JOB NUMBER: hcshawnerhouse/HAWKSLANDINGREVISION
OWNER: Hawk's Landing of NC, LLC
19701-A West Catawba Avenue
Cornelius, NC 28031
DEVELOPER: Kendrick Knight & Zach Stanley
19701-A West Catawba Avenue
Cornelius, NC 28031
JOB NAME:
TYPICAL STREET CROSS-SECTION
RESIDENTIAL STREETS
45' PUBLIC R/W
Forest Glen Subdivision
Phase 4
Map Book 34 Page 85
Jayhawk Court
(45' Public R/W)
Hawks Landing Drive
(45' Public R/W)
FLOWER HOUSE LOOP
SR #1312
Lot 1 0.885 Acres
Lot 2 0.580 Acres
Lot 3 0.557 Acres
Lot 4 0.683 Acres
Lot 5 0.571 Acres
Lot 6 0.518 Acres
Lot 7 0.544 Acres
Lot 8 0.728 Acres
Lot 9 1.010 Acres
Lot 10 0.700 Acres
Lot 11 0.507 Acres
Lot 12 0.533 Acres
Lot 13 0.952 Acres
Lot 14 0.566 Acres
Lot 15 0.651 Acres
Lot 16 0.817 Acres
Lot 17 0.526 Acres
Lot 18 0.534 Acres
Lot 19 0.500 Acres
Lot 20 0.629 Acres
Lot 21 0.508 Acres
Lot 22 0.502 Acres
0.177 Acres Dedicated for Public Use (Hawks)
Lot 1 0.138 Acres
Lot 2 0.138 Acres
Lot 3 0.138 Acres
Lot 4 0.138 Acres
Lot 5 0.138 Acres
Lot 6 0.138 Acres
Lot 7 0.138 Acres
Lot 8 0.138 Acres
Lot 9 0.138 Acres
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Lot 11 0.138 Acres
Lot 12 0.138 Acres
Lot 13 0.138 Acres
Lot 14 0.138 Acres
Lot 15 0.138 Acres
Lot 16 0.138 Acres
Lot 17 0.138 Acres
Lot 18 0.138 Acres
Lot 19 0.138 Acres
Lot 20 0.138 Acres
Lot 21 0.138 Acres
Lot 22 0.138 Acres
Berm
Cemetery Marker
Lot 16 Duke Energy Corporation LLC Deed Book 1778 Page 1 Parcel ID #4740-52-8539
Lot 22 Richard Lee Johnson Deed Book 1538 Page 1 Parcel ID #4740-52-8034
Henri E. & Elaine J. Vandeberg Deed Book 723 Page 775 Parcel ID #4740-81-7616
Louise C. Moore Deed Book 319 Parcel ID #4740-81-0705
Louise C. Moore Deed Book 1195 Page 38 Parcel ID #4740-81-3828
Lori J. & Rebecca Y. Gryder Deed Book 603 Page 377 Parcel ID #4740-81-6823
Michael & Kelly J. Hellam Deed Book 1878 Page 572 Parcel ID #4740-82-7048
Steve M. & Patricia B. Bailey Deed Book 731 Page 113 Parcel ID #4740-82-7272
Henry G. & Joyce T. Lipe Deed Book 786 Page 33 Parcel ID #4740-82-7691
Lorry W. & Vickie Meadows Deed Book 859 Page 869 Parcel ID #4740-82-4858
Bobby T. Isenhour Deed Book 1663 Page 1278 Parcel ID #4740-52-9908
Duke Energy Corporation LLC Deed Book 1778 Page 1 Parcel ID #4740-52-8539
N 03°10'12" E 720.90' (T)
N02°32'25"E 76.20'
S87°07'43"E 224.65'
S89°09'28"W 197.89'
S17°09'08"W 195.11'
S 84°04'03" W 781.84' (T)
S03°07'50"W 300.85' (T)
S39°16'04"W 235.15'
S05°44'36"E 186.26'
S13°22'38"W 149.94' (T)
S06°41'45"W 186.79' (T)
N20°06'01"E 7150.08 (Ground)
S 80°16'03" E 149.42' (T)
N10°05'04"E 232.51'
N10°05'04"E 249.90'
N10°05'04"E 230.30'
N88°14'57"W 320.34' (T)
S17°49'49"W 104.86'
S10°08'49"W 95.40'
N87°41'10"W 132.08'
S87°07'11"E 225.34' (T)
N02°07'11"E 223.84'
N02°07'11"E 228.03'
N03°55'48"E 256.11'
S87°07'11"E 228.16' (T)
S87°34'16"E 307.84' (T)
N03°07'50"E
N04°57'01"E 181.38'
S84°44'44"E 173.22'
S89°36'35"E 224.24'
N03°10'12"E 278.87'
N03°07'46"W 201.87'
N00°37'50"W 334.69'
Found 1/2" Pipe
Found 1" Pipe
Found 5/8" Rebar
Found Iron Pin
Found Nail
Found Stone
Set 1/2" Rebar
Set Nail
Set Iron Pin
Set Stone
Concrete Monument
Utility Pole
Power Pole
Guy Anchor
Mailbox
Gate
Fence
Overhead Utility Lines
Underground Utility Lines
Edge of Pavement
Existing Road
Centerline
Property Line
Adjoining Property Line
Right-of-Way
Building Setback
Side Setback
Rear Setback
Drainage Easement
Utility Easement
Sight Distance Easement
Common Area
Open Space
Lake
Creek
Wetlands
Flood Zone
Cul-de-Sac
Curve
Chord
Radius
Arc Length
Delta
Tangent
Point of Curvature
Point of Tangency
Point of Beginning
Point of Reference
Point of Intersection
Point of Compound Curvature
Point of Reverse

Acknowledgement Of
Plans Submittal ONLY!
Date 5-24-16
BA
Date

GENERAL NOTES

GENERAL FRAMING NOTES





SQUARE FOOTAGE
FIRST FLOOR 1755 SQ. FT.
OPT. SECOND FLOOR 318 SQ. FT.
TOTAL 2073 SQ. FT.

FRANK BETZ ASSOCIATES, INC.
DESIGNERS OF CUSTOM AND STOCK HOME PLANS
3550 GEORGE BUSBEE PARKWAY
SUITE 190
KENNESAW, GEORGIA 30144
770-431-0868 888-717-3003

www.frankbetz.com

FRANK BETZ HomePlan PACKS

FIRST FLOOR PLAN/
OPT. SECOND FLOOR PLAN

THE MANCHESTER WALK - A

BY: RLD CK: JCH

DATE: 5/19/07

SHEET: 3

OF: 4?

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IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
218518
Issue Date: 05/03/2016

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4740529218.000	152 HAWKS LANDING DRIVE, TROUTMAN, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: ELG INVESTMENTS LLC	Applicant: THE OAKS GROUP
Address: 16108 NORTH POINT RD TROUTMAN, NC 28078	Address: 121 HOLT LN MOORESVILLE, NC 28117
Phone:	Phone: 704-578-4951

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.507	35.00	35.00	15.00	15.00	PACL	X

Remarks:

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: Erin Holt Date: 05/02/16

Permit Number	67587	TOTAL FEES:	$ 77.25