# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 15E 148312

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

PIN # 4625503305

APPLICANT: Warren Smith APPLICANT ADDRESS: 178 Torrence Chapel Rd Mooresville NC

SITE ADDRESS: 135 Lightship Dr Mooresville NC 28117 PHONE: 704-362-1622 ALT. PHONE:

SITE DIRECTIONS: Brawley School Rd, TR Lightship Dr, 3rd Lot on left (corner of Swayne + Lightship)

SUBDIVISION: The Point ON Norman SECTION: 8 LOT # 855 LOT AREA: 1.3 ac DESIGN FLOW: 600 L.T.A.R.: 0.3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1500 | (gal) | STB | 338 | Date | 4-21-14 | ☒ New System | ☐ Repair | ☐ Expansion | System Type: I II (III) IV V VI | |
| Pump Tank | | (gal) | PT | | Date | | System Description: | Gravity 25% Reduction | | | |
| Pump Make | | | Model | | Serial # | | Repair System Description: | same | | | |
| # Nitrification Fields | 1 | | # Lines | 5 | Linear Ft: | 500 | Maintenance Agreement Required: | ☐ YES | ☒ NO | | |
| Trench Width | 36" | | Max. Trench Bottom Depth | 36" | Gravel Depth | N/A | | ☒ GRAVITY | ☐ PRESSURE | | |

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

No. Bedrooms 5 No. Persons 10 No. Employees ☒ Crawl Space

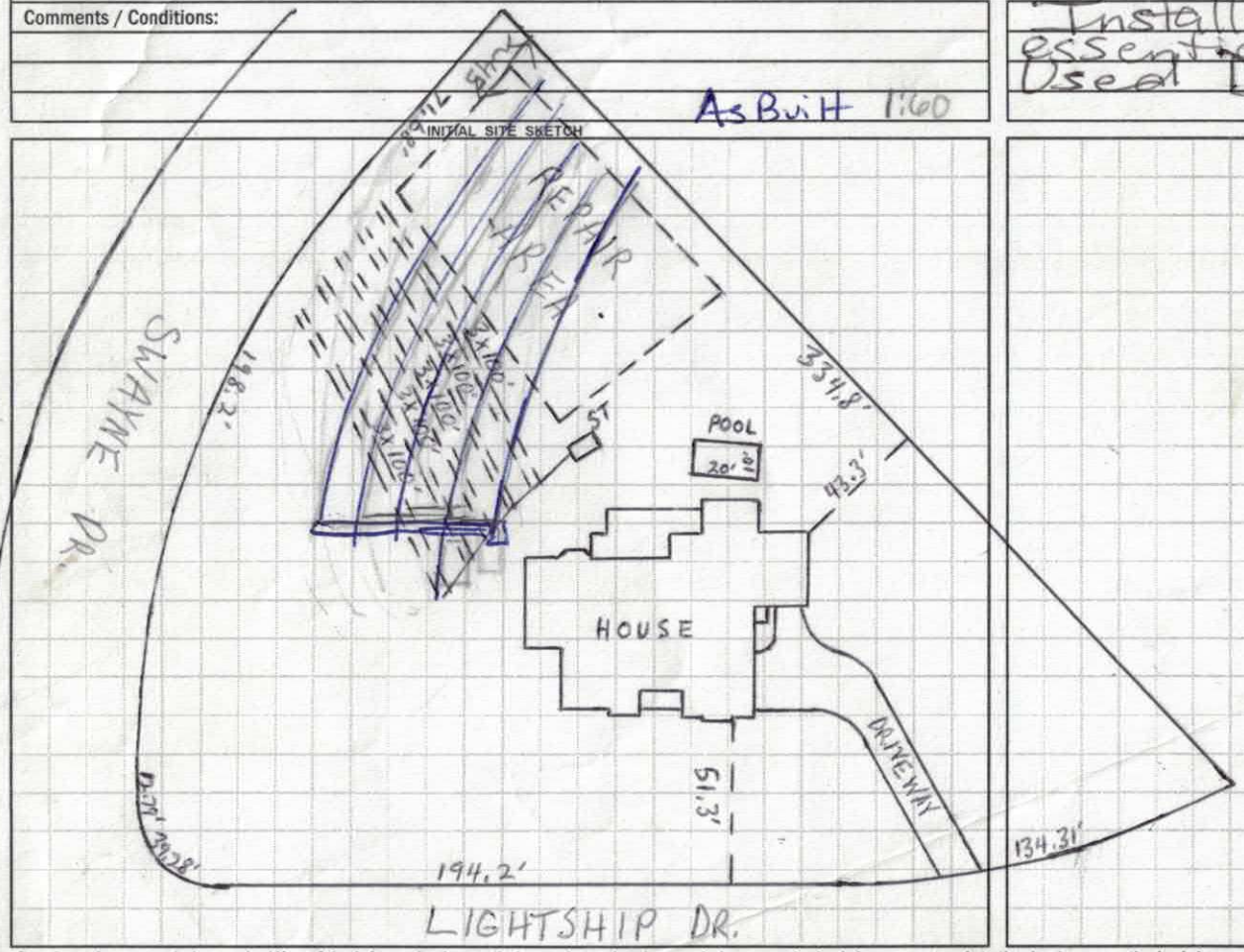
Water Supply: ☐ Private ☐ Public ☒ Community ☐ Basement w/o plumbing

Comments / Conditions:

Installed Infiltrator Quick 4 essentially as drawn Used Distribution box "Tuff-Lite"

As Built 1:60

INITIAL SITE SKETCH




AS BUILT SKETCH in Blue



*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: 9-27-13 Installed by: Hallman Construction

IMPROVEMENT PERMIT by: Colin R. Pruitt Date: 9-20-13 OPERATION PERMIT by: Mark Nelson Date: 6/4/15

AUTHORIZATION TO CONSTRUCT by: Colin R. Pruitt Date: 9-20-13 Existing System Inspected by: Date:

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

Paid $105.00 PD
9-18-13
Ltd Relayout

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

**Application For:**
( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (X) 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:** ( ) 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:** WARREN SMITH **Address:** 178 TOREN CT CHAPEL RD MOORESVILLE **Phone:** 704-363-167

**Owner Name:** John SHERARD **Address:** 135 LIGHTSHIP DR MOORESVILLE **Phone:** 704-996-39

**Property Information:**

**Street Address:** 135 LIGHTSHIP DRIVE MOORESVILLE NC 28117

**Subdivision Name:** THE POINT **Section/Phase:** 8 **Lot Number:** 855

**Driving Directions:** FROM 150 SCHOOL RT ON LIGHTSHIP DR 2nd LT

**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:**

( ) New Well ( ) Existing Well (X) 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 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:** _____ 9/18/13
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) 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…**
- X — ***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**
- X — **Location of easements and rights of ways on your property…** **N/A**
- N/A — **Location of any designated wetlands on the property…** **N/A**

**Signature:** _____ 9/18/13

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

## USE THIS SPACE TO DRAW YOUR SITE PLAN

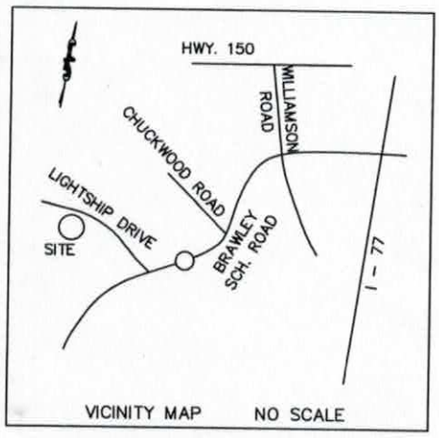
SEE SURVEY

White Copy – Environmental Health Yellow Copy – Applicant
V:\FORMS\OSWP Forms\Application For OSWP Permit.doc

DAS DON ALLEN & ASSOCIATES, P. A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
111-D Raceway Drive * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 1925, page 728, and/or plat book 39, page 24, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 18, day of SEPTEMBER, A.D. 20 2013.

WILLIAM M. ALLEN, PLS




PB59 PG23

LOT 856
GUILLERMO BAEZA
1999\1019

LOT 858
JEROME BABICH
1651\2142

LOT 855
1.30 AC.

| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | LENGTH |
| L1 | S 06°58'27" W | 12.79' |

N37°00'17"W 334.80' total (BASE BEARING) 223.43

111.37

S48°19'25"W 71.68

S83°01'33"E 194.20

N34°18'58"E 56.94

20' SIDE SETBACK

50' FRONT SETBACK

50' FRONT SETBACK

43.3'

51.3'

10' X 70' SIGHT TRIANGLE

PROPOSED HOUSE

PROP. DRIVE

10'x20' POOL

REPAIR

CONC. MON.

EIP

IPS

R\W

C1

C2

C3

L1

PUBLIC STORM DRAINAGE EASEMENT

(TIE ONLY)

PK NAIL

SWAYNE DR. (50' PUBLIC R\W)

LIGHTSHIP DR. (50' PUBLIC R\W)

LEGEND
- P.P. = POWER POLE
- = DUKE POWER TRANS.
- E.I.P. = EXISTING IRON FOUND
- I.P.S. = #4 REBAR SET
- R/W = RIGHT-OF-WAY

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | RADIUS | LENGTH | BEARING | CHORD |
| C1 | 275.00' | 134.31' | S 82°58'56" W | 132.98' |
| C2 | 25.00' | 39.28' | N 38°01'33" W | 35.36' |
| C3 | 275.00' | 198.20' | N 27°37'19" E | 193.94' |

0' 30' 60' 100'
SCALE IN FEET

# PLOT PLAN SURVEY

OF

## LOT 855 THE POINT PHASE 8, MAP 2

SCALE 1" = 60'

DAVIDSON TWSP., IREDELL CO., N.C.

ACQUIRED BY: JONATHAN & BARBARA SHRAGA

FIELD BOOK:
FILE: POINT LOT 855
DC FILE:
TAX MAP NO: 4625503305

Date 9/12/13

Acknowledgement Of
Plans Submittal ONLY!
Date

## AREA CALCULATIONS

| | |
|---|---|
| MAIN LEVEL HEATED | 2,260 S.F. |
| RECORD FLOOR HEATED | 2,260 S.F. |
| TOTAL HEATED | 2,744 S.F. |
| GARAGE(S): | |
| 2 - CAR GARAGE | 554 S.F. |
| 1 - CAR GARAGE | 228 S.F. |
| REAR COVERED PORCH | 339 S.F. |
| FRONT COVERED ENTRY | 71 S.F. |
| FRONT COVERED PORCH | 32 S.F. |
| SIDE COVERED PORCH | 32 S.F. |
| TOTAL UNDER ROOF | 4,056 S.F. |

## WINDOW NOTE:

1) OPERABLE UNITS, WHERE THE OPENING TRIM IS RECESSED ABOVE THE FINISHED CEILING OR BELOW THE FINISHED FLOOR, SHALL BE MEASURED FROM THE INTERIOR SURFACE OF THE WINDOW SHALL BE A MINIMUM OF 24 INCHES ABOVE THE FINISHED FLOOR OR OPERABLE SECTION OF WINDOW SHALL NOT OPERABLE SECTION OF WINDOW SHALL BE LOCATED A MINIMUM OF 24 INCHES ABOVE THE FINISHED FLOOR.

2) ALL WINDOWS IN BEDROOMS AND BASEMENTS ARE LOCATED WITHIN 3 FEET OF THE FINISHED FLOOR, A FINISHED DIAMETER OPENING WITH MINIMUM DIMENSIONS OF 24 INCHES HIGH AND 20 INCHES WIDE SHALL BE PROVIDED. THE MINIMUM NET CLEAR OPENING SHALL BE 5.7 SQUARE FEET.

3) ALL WINDOWS IN BEDROOMS AND BASEMENTS ARE LOCATED WITHIN 3 FEET OF THE FINISHED FLOOR, A FINISHED DIAMETER OPENING WITH MINIMUM DIMENSIONS OF 24 INCHES HIGH AND 20 INCHES WIDE SHALL BE PROVIDED. THE MINIMUM NET CLEAR OPENING SHALL BE 5.7 SQUARE FEET.

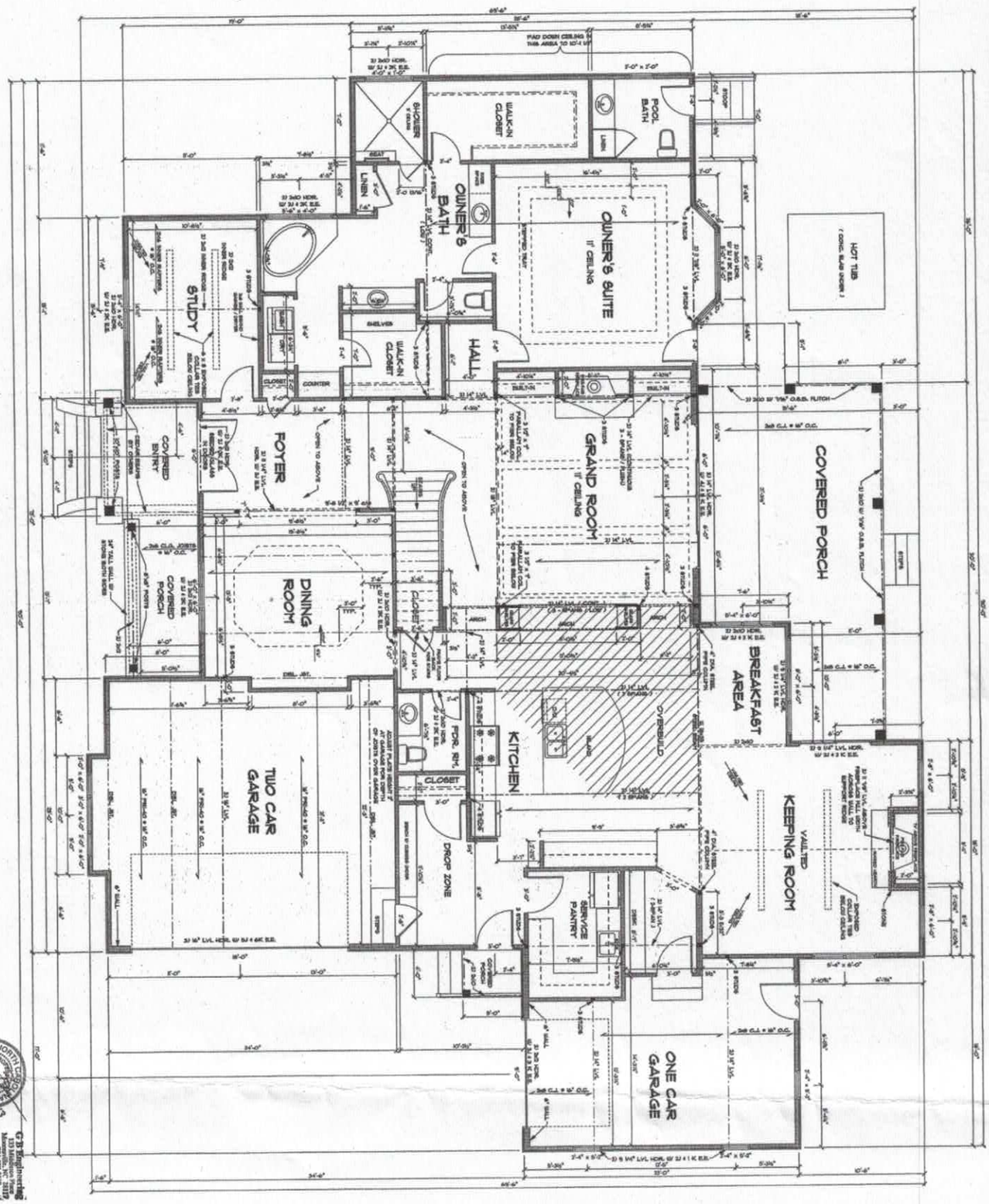
GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO VERIFY DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION

FRAMING NOTES: VERIFY FLEMISH BRAND LOCATIONS DURING LAYOUT. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. SUBMIT SHOP DRAWINGS FOR ROOF TRUSSES AND STAIRS TO G.C. FOR REVIEW PRIOR TO FABRICATION. THESE PLANS ARE A "PLAN-SET" OF PLANS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DETAILS AND CONFORMANCE TO ACCEPTED CONSTRUCTION PRACTICES AND CODE COMPLIANCE.

NOTE: PROVIDE STIFFENER PLY BEHIND ALL TUBS AND SHOWERS AGAINST EXTERIOR WALLS & BEHIND ALL BATHTUBS AS REQUIRED BY THE 2012 NORTH CAROLINA RESIDENTIAL BUILDING CODE

NOTE: PROVIDE TEMPORARY BRACING AS REQUIRED TO STABILIZE THE STRUCTURE DURING CONSTRUCTION. CONTRACTOR TO USE ATTENTION OF THE BUILDER OR SUPERINTENDENT PRIOR TO PROCEEDING WITH THE WORK. FAILURE TO DO SO WILL MAKE THE VENDOR RESPONSIBLE FOR CORRECTION.

1) ALL HEADERS THIS LEVEL SHALL BE (2) 2x10 U.N.O.
2) 2x4 @ 16" O.C. U.N.O.
3) PROVIDE DOUBLE JOIST UNDER ALL PARALLEL WALLS




# MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0" 10' 1 1/2" CEILING HEIGHT THIS LEVEL

1 / A-1

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NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL 029613 CHRIS A. BARNES

5-22-13

C.B. Engineering
123 Madison Street
Mooresville, NC 28115
N.C. Reg. Eng. #029613

SHEET No. A-1 OF 7

MAIN FLOOR PLAN

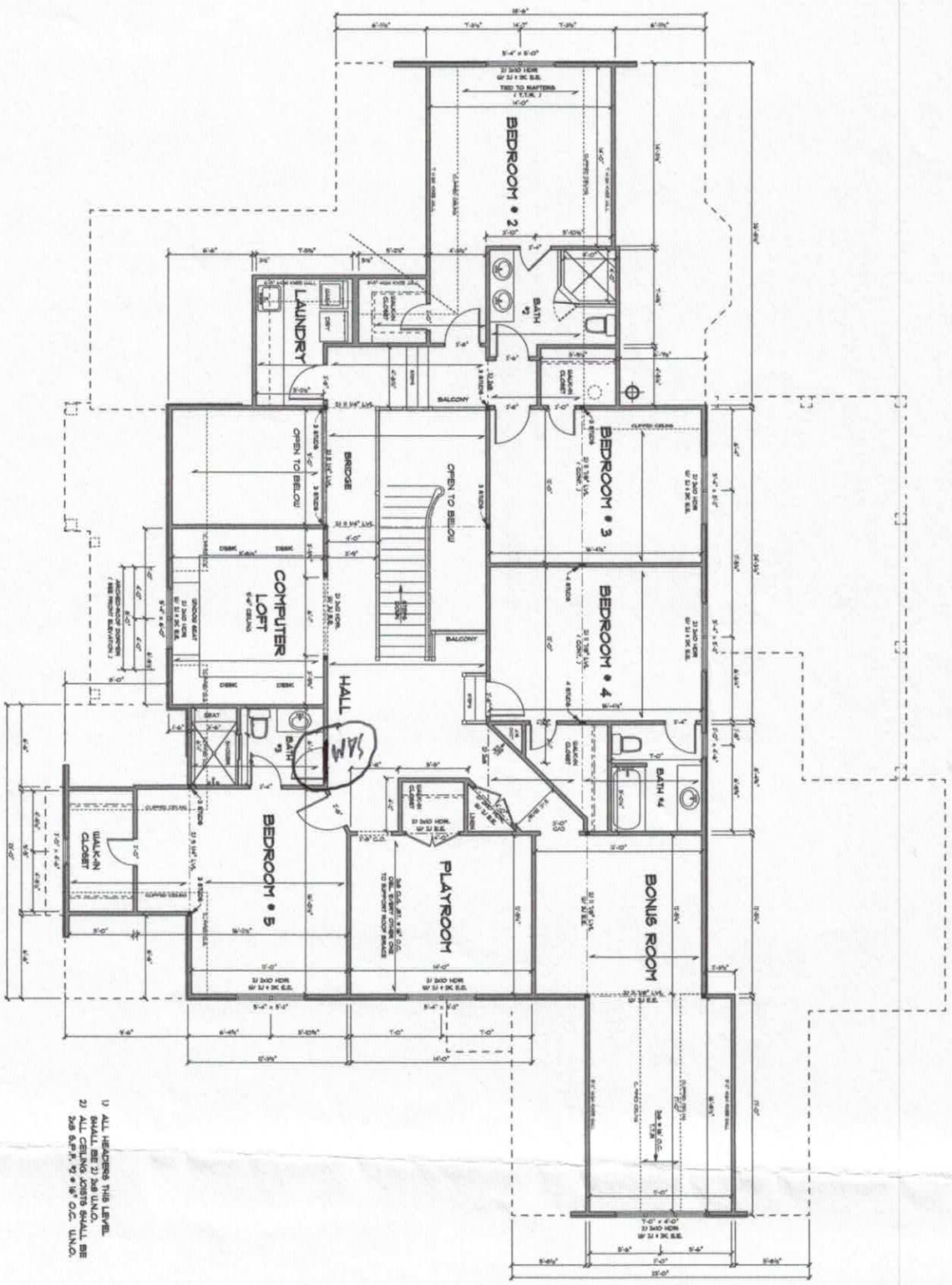
Plan for Mr. & Mrs. Shraga
The Point

Courtland Homebuilders, Inc.
P.O. Box 3190, Mooresville, NC 28117
704-363-1622
www. CourtlandHomeBuilders.com

Plans by U.S. HOME DESIGNS, INC.
7810 Peach Blossom Ct., Harrisburg, NC 28075
Designer: Stephen W. Turley
office: 704-664-4400 cell: 704-309-0762
www.ushomedesigns.com

Acknowledgement Of
Plans Submittal ONLY!

Date 9/18/13




## 1 / A-2 UPPER FLOOR PLAN

SCALE: 1/4" • 1'-0" 9' 1 1/2" CEILING HEIGHT THIS LEVEL

**WINDOW NOTE:**

PLUMBING NOTE: VERIFY PLUMBING RISER LOCATIONS WHERE SHOWN ON PLANS. VERIFY EXTERIOR AIR LOCATIONS AND TYPICAL ATTIC PLATFORMS WITH GC

NOTE: THIS IS A "BLUEPRINT" SET OF PLANS. GENERAL CONTRACTOR SHALL PERMIT CONSTRUCTION PRACTICES AND CODE COMPLIANCE TO BE ACCEPTED

NOTE: ANY DISCREPANCIES ON THESE PLANS MUST BE BROUGHT TO THE ATTENTION OF U.S. HOME DESIGNS, INC. FAILURE TO DO SO WILL MAKE THE STONAGE RESPONSIBLE FOR CORRECTION.

NOTE: EXPOSED FOUNDATION WALLS ADJACENT TO FINISH GRADE SHALL BE WATERPROOFED FROM THE TOP OF THE FOOTING TO THE FINISH GRADE. WALLS SHALL BE WATERPROOFED WITH A FLUID APPLIED WATERPROOFING MEMBRANE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. WATERPROOFING SHALL BE APPLIED FROM THE TOP OF THE FOOTING TO THE FINISH GRADE. WHERE A DRAINAGE DIMPLE MEMBRANE IS USED, IT SHALL BE PROTECTED WITH A PROTECTION COURSE FROM THE TOP OF THE FOOTING TO THE FINISH GRADE. WALLS WITH ATTIC SPACE BEHIND, ARE EXPOSED EXTERIOR AS REQUIRED BY THE 2012 NCRC RESIDENTIAL CODE

GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO VERIFY DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION

1) ALL HEADERS THIS LEVEL SHALL BE 2/ 2x8 U.N.O.
2) ALL CEILING JOISTS SHALL BE 2x8 @ P.R. 16" O.C. U.N.O.

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SHEET No. A-2 OF 7

UPPER FLOOR PLAN

PLAN FOR: Mr. & Mrs. Shraga
The Point

Courtland Homebuilders, Inc.
P.O. Box 3190, Mooresville, NC 28117
704-363-1622
www. CourtlandHomeBuilders.com

Plans by: U.S. HOME DESIGNS, INC.
7810 Peach Blossom Ct., Harrisburg, NC 28075
Designer: Stephen W. Turley
office: 704-664-4400 cell: 704-309-0762
swturley@msn.com

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

# DEVELOPER PERMIT

**Zoning Permit**
**Permit Number:** 148312ZO


Printed: 2/4/2008

**Master #:** 148312

**Associated Permits:**
148312ZO Zoning

## Applicant

**Name:** RICH APGAR
**Address:** 570 WILLIAMSON RD
MOORESVILLE , NC 28117

**Phone:** 704-534-0445

## Parcel

**Parcel Number:** 4625503305.000
**Address:** 000 LIGHTSHIP DR
MOORESVILLE , NC 28117
**Subdivision:** The Point

**Zoning:** R20 CUD
**Township:** 1700
**Area:** 1.309
**Lot(s):** 855

**Directions to Parcel:** BRAWLEY SCHOOL RD, RIGHT LIGHTSHIP ON CORNER OF LIGHTSHIP & SWAYNE

## Owners

**Name:** MICHAEL T & LORI A MILLER
**Address:** 3820 TALL GRASS DR
NAPERVILLE, IL 605640000

## Contractors

## Fees and Receipts:

| Number | Description | Amount |
|---|---|---|
| FEE-167669-07 | Zoning - Permit / Inspection | $45.00 |
| FEE-167670-07 | Environmental Health - Type I or II System | $400.00 |
| | **Total Fees:** | **$445.00** |
| REC-93369-07 | | $445.00 |
| | **Total Receipts:** | **$445.00** |

## Conditions