IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 21522

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

PIN # 4624357497

APPLICANT: Melissa & Jason Dumbrique | APPLICANT ADDRESS: 257 Gainswood Mooresville, NC 28117

SITE ADDRESS: 257 Gainswood, Mooresville 28117 | PHONE: | ALT. PHONE: 704 277 7804

SITE DIRECTIONS: Brawley School Rd TL 2nd Gainswood on right

SUBDIVISION: N I & T | SECTION: 6 | LOT # 494 | LOT AREA: 1.65 Acre | DESIGN FLOW: 480 gpd | L.T.A.R.: .275

Septic Tank	1000 (gal)	STB 1012	Date 11-13-17	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☐ Residence	No. Bedrooms 4
Pump Tank	1000 (gal)	PT PT-17	Date 2-13-18	System Description:	LPPPBPS	☐ Business	No. Persons 8
Pump Make		Model	Serial #	Repair System Description:	PPPBPS & TS Drip	☐ Other	No. Employees
# Nitrification Fields	1	# Lines 4	Linear Ft: 296ft	Maintenance Agreement Required:	☒ YES ☐ NO	☒ Slab	☒ Crawl Space
Trench Width	min 24"	Max. Trench Bottom Depth	40"	Gravel Depth	N/A	☐ Basement w/plumbing	☐ Basement w/o plumbing

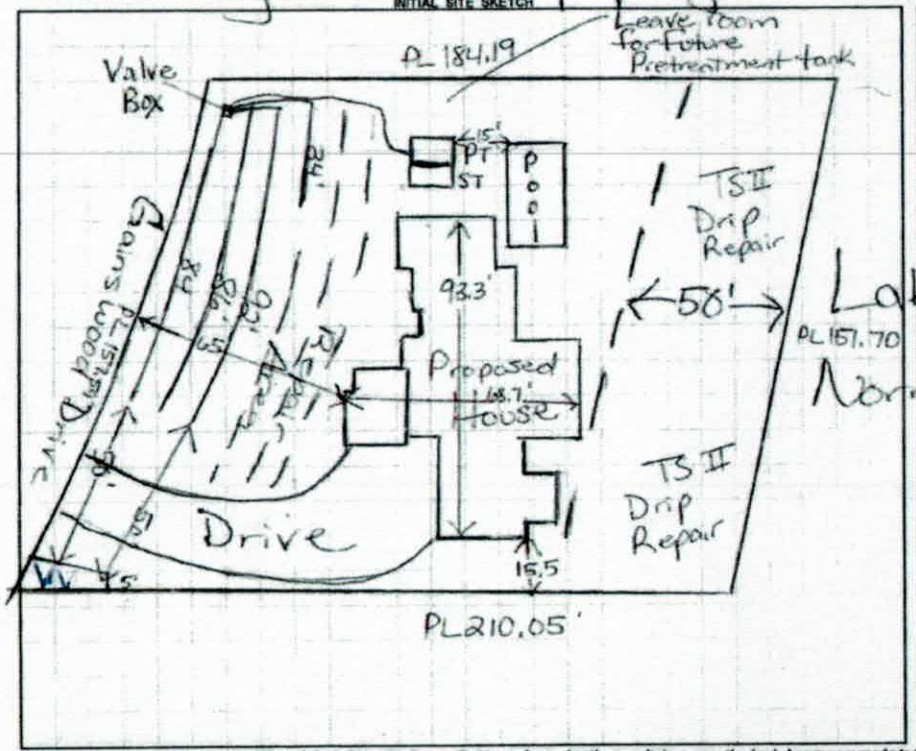
Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: 40" TB with 12" under panels (see Email from Tim Johnson 12/4/15)

Note: Existing ST should be "properly" Abandoned

* Must Abandon existing well prior to issuance of Authorization to Construct.
Well abandonment completed 5/31/2017

INITIAL SITE SKETCH

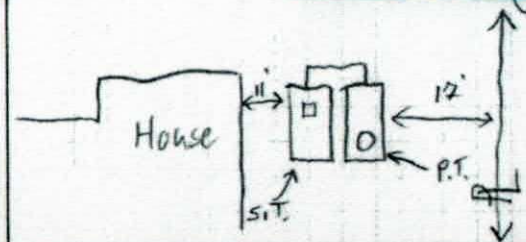


AS BUILT SKETCH

Scale 1:50

4/2/18: Mid-seam Conc. 1000-gal Taylorsville Precast w/a EF-4 Effluent Filter
Top seam 1000 gallon conc. tanks

	Date	Initials
Drain Lines Checked	4/6/18	CCC
Tanks Checked	4/2/18	CCC
Pressure Manifold or Valve Box Checked	+ Pressure Set 4/3/18	CCC
Pressure Head Set	4/3/18	CCC
Electrical Checked	5/15/18	CCC
Floats Set	5/15/18	CCC
Alarm Checked	5/15/18	CCC
Maintenance Contract (Y) N	5/15/18	CCC



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: [signature] Date: 7/8/16 Installed by: Precision Excavation / Shane Cashion

IMPROVEMENT PERMIT by: [signature] RS Date: 7/9/16 OPERATION PERMIT by: Carla C. Cave Date: 5/15/18

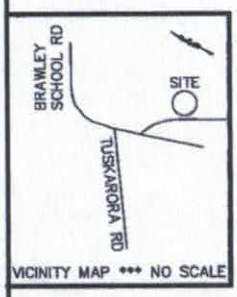
AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 6/1/2017 Existing System Inspected by: Date:

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

DAS DON ALLEN & ASSOCIATES, P.A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * 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 2398, page 1719, and/or plat book 34, page 18, 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 1, day of JUNE,
A.D. 20 16.

WILLIAM M. ALLEN, PLS
SEAL L3499
PROFESSIONAL LAND SURVEYOR WILLIAM M. ALLEN



NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENT AND/OR RIGHTS-OF-WAY OF RECORD.
2) AREA COMPUTED BY THE COORDINATE METHOD.
3) EXISTING 760' & 761' CONTOUR ELEVATION BASED ON LAKE NORMAN LAKE LEVEL AT COWAN'S FORD DAM (READING ON 11\16\2015.
4) UNDERGROUND POWER
5) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

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

0' 25' 50' 100'
SCALE IN FEET

PLOT PLAN SURVEY

OF
257 GAINSWOOD DRIVE
LOT 494 CRESCENT LAND & TIMBER CORP., SECT. 6

SCALE 1" = 50'
DAVIDSON TWSP., IREDELL CO., N.C.
ACQUIRED BY: MELISSA & JASON DUMBRIGUE

FIELD BOOK: 500I
FILE: CLT 494 S6
DC FILE:
TAX MAP NO: 4624357497

PLEASE NOTE:
- Rear screen porch, two garages will not have foundation drains b/c they are slabs (marked A, B, C to the left)
- Master wing also can have slab, thus no drain if needed. (marked D to the left)

Paul Penninger

From: Tim Johnson <timj_tjpanel@yahoo.com>
Sent: Friday, December 4, 2015 11:44 AM
To: Paul Penninger
Subject: Re: Proposed T&J Panel System

Yes with only 12 inches of cover over the lines we are fine with this at T &J Panels
We usually only go to venting because of depth at greater than 18 inches and this only if majority of system is at this depth or greater
Tim Johnson
T&J Panels, inc

Sent from my iPhone

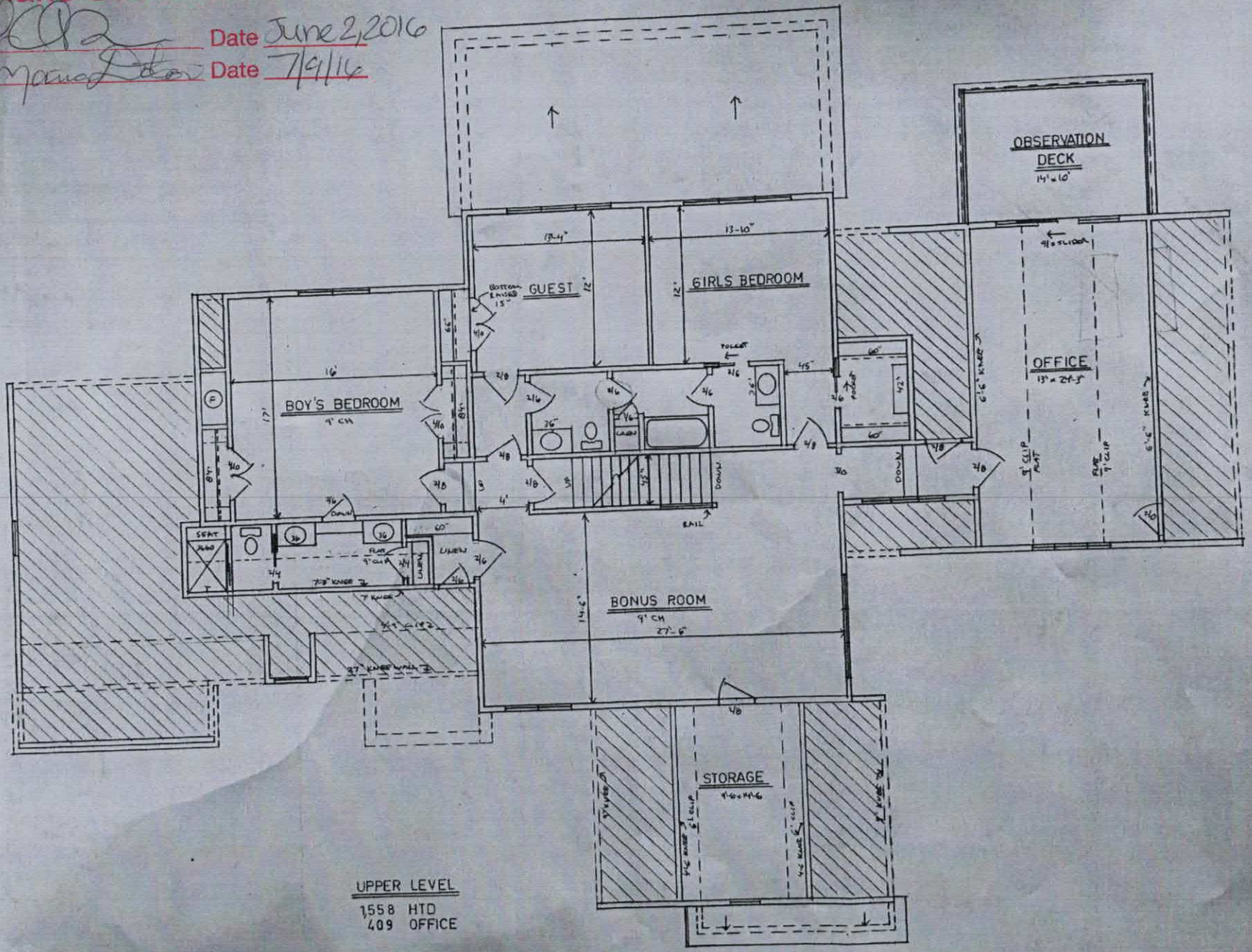
On Nov 30, 2015, at 9:07 AM, Paul Penninger <pgpenninger@gmail.com> wrote:

> Hi Tim,
>
> I have a lot I am working on off Gainswood Road in Mooresville. The primary system will be a 4 bedroom, LPP T&J Panel. If I want to propose a 40 inch trench bottom and place 12 inches of sand under the panel, are you OK with this? This would place the actual panel at the same depth as a typical 36 inch trench bottom.
>
> Thanks,
>
> Paul
>
> **Penninger Soil Consulting, PLLC**
> pgpenninger@gmail.com
> 704.996.6330

Acknowledgement of
Plans Submittal ONLY!

Date June 2, 2016

Date 7/9/16



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)

Abandoned ST

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

********** Paid $320.00

2. 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 check ( ) beside whichever is submitted if applicable ___ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information: #215229

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Melissa & Jason Dumbrigue	257 Gainswood Dr.	704-660-3428	704-277-7804
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Melissa & Jason Dumbrigue	257 Gainswood Dr.	704-660-3428	704-277-7804

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
257 Gainswood Dr.		Lot 494 CL&T

Driving Directions: Brantley School Rd South. (L) on Gainswood Dr.

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 4
Maximum Number of Occupants ___
If Expansion, Current Number of Bedrooms ___

- (X) Crawl Space Foundation?
- (X) 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 ____ *Year*

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other ___

*NO preference

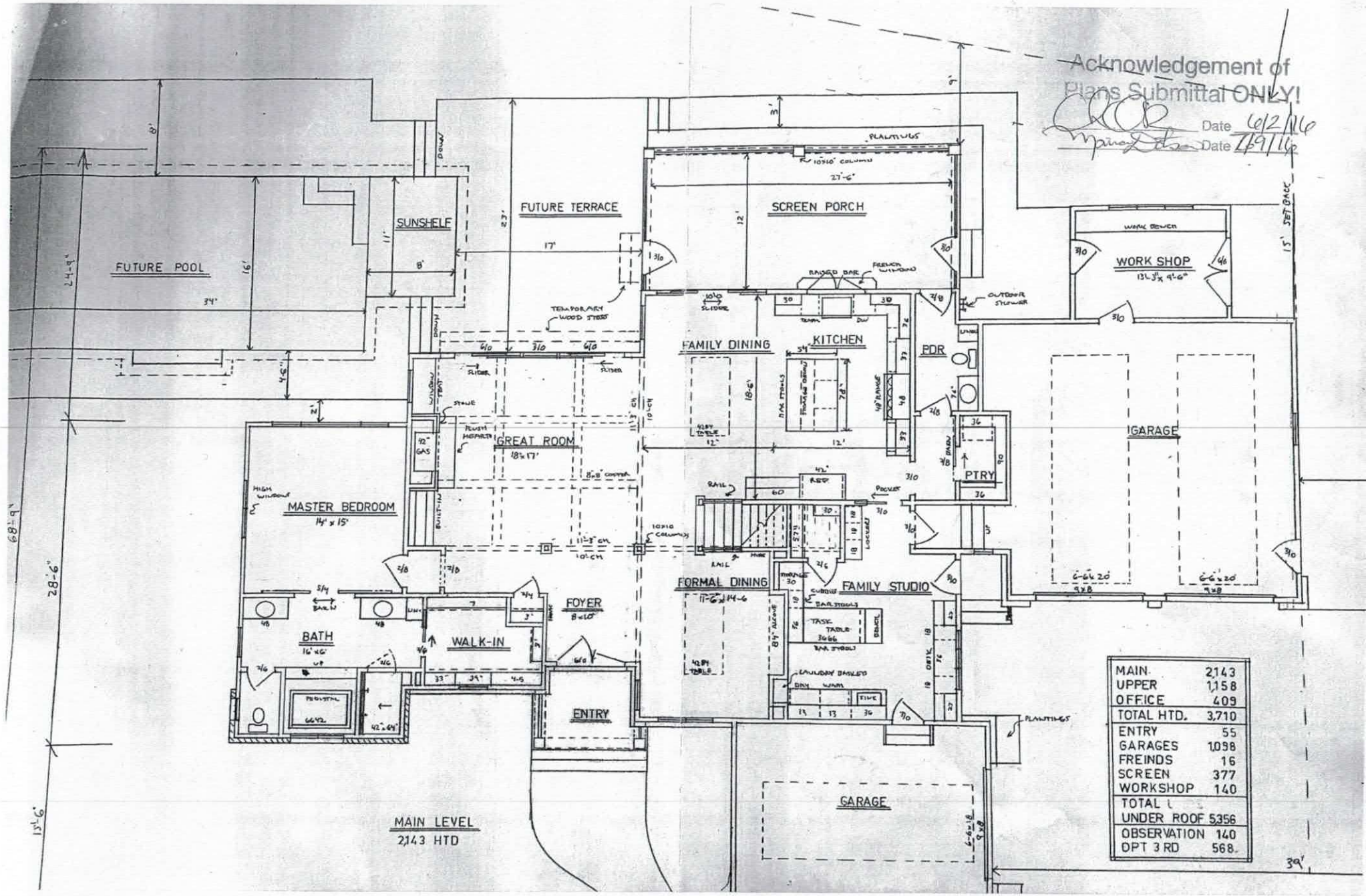
8. Please Answer The Following To The Best of Your Ability:

( ) 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: _____ June 2, 2016

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


Acknowledgement of
Plans Submittal ONLY!
Date 6/2/16
Date 7/9/16
FUTURE POOL
SUNSHELF
FUTURE TERRACE
SCREEN PORCH
PLANTINGS
WORK SHOP
OUTDOOR SHOWER
FAMILY DINING
KITCHEN
PDR
GREAT ROOM
18'x17'
MASTER BEDROOM
14' x 15'
GARAGE
PTRY
FORMAL DINING
FAMILY STUDIO
FOYER
BATH
WALK-IN
ENTRY
GARAGE
MAIN LEVEL
2,143 HTD
MAIN 2,143
UPPER 1,158
OFFICE 409
TOTAL HTD. 3,710
ENTRY 55
GARAGES 1,098
FREINDS 16
SCREEN 377
WORKSHOP 140
TOTAL UNDER ROOF 5,356
OBSERVATION 140
OPT 3 RD 568

ESTIMATED 15' SETBACK
OFF PROPERTY LINE

POOL

OPTIONAL SLAB FOUNDATION

FOUNDATION DRAIN

CRAWL SPACE

SLAB FOUNDATION

SLAB ON GRADE

15' SETBACK

50' SETBACK

SEPTIC DRIP LINE

LAKE SIDE

PROPERTY LINE

FOUNDATION PLAN
257 GAINSWOOD DRIVE