Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 8405B | Permit #: _____ | Tax Parcel #: 195-213-50

Property Owner: TRUE HOMES.

Job Location Address: 6515 Northern Red Oak Dr.

City: CHARLOTTE State: NC Zip Code: 28227

Operation Permit Issuance Date: 02/01/2012 Contractor Name: Stevens Septic

Permitted Design Flow: 480 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: N/A gallons

Effluent Pump Model: N/A

Drainfield Installation ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 400 feet

# of Lines: 4 @ 100 feet

Depth of Media: 12 inches (Type) 25% ADS chambers

Depth of Cover: 12 inches

Distribution Device: D-Box Speed levels

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: 5 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 10 feet

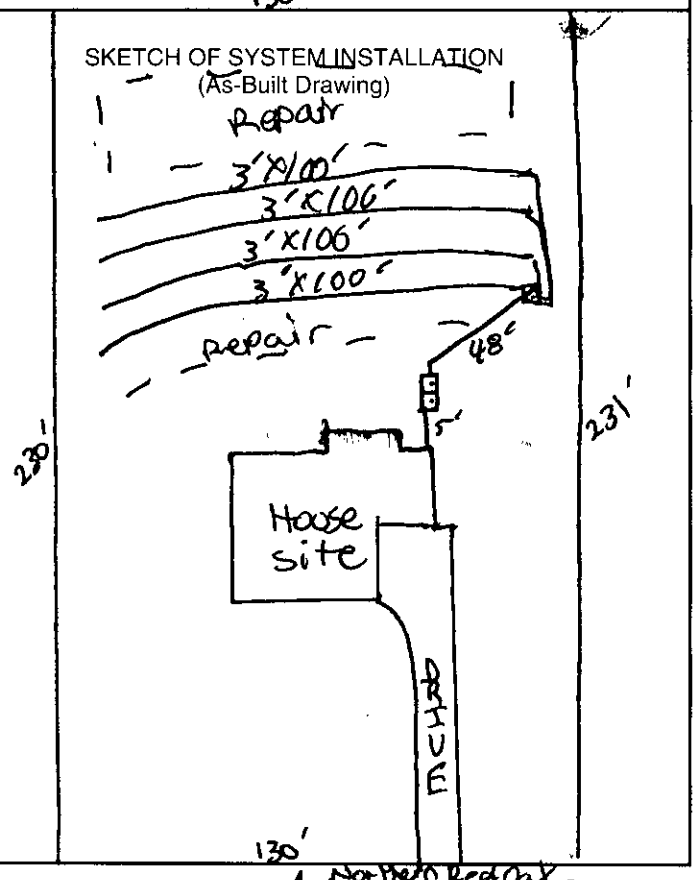
Inspection Dates

Tank(s) Inspected: 02/01/2012

Excavation Inspected: 02/01/2012

Pump & Controls Inspected: N/A

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIg BIOA36 G, G. N/A, N/A

DENR Authorized Agent: Jeremy Michael Signature: Jeremy Michael RE 14 S

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 8405B Permit #: _____ Tax Parcel #: 195-213-50

Property Owner: TRUE HOMES

Job Location Address: 6515 NORTHERN RED OAK DR.

City: CHARLOTTE State: NC Zip Code: 28227

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: II/g

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Jeremy Michael Date: 02/01/2012

Signature: Jeremy Michael REHS

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL *for an*
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 8405B Permit #: _____ Tax Parcel #: 195-213-50

Property Owner: True Homes

Job Location Address: 6515 Northern Red Oak Dr.

City: Charlotte State: NC Zip Code: 28227

Installation Approval Issuance Date: 01-24-2012

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, *with subsurface soil* absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before _____, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: 480 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: N/A gallons

Drainfield Design ☐ N/A

Trench Depth: 24 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 400 feet

# of Lines: 4 @ 100 feet

Depth of Media: 12 inches (Type) _____

Distribution Device: D-Box

Bed Design (For Repair Installations ONLY.) ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: 10 feet

Distance from Property Line: 10 feet

Distance from Water Supply Source: 10 feet

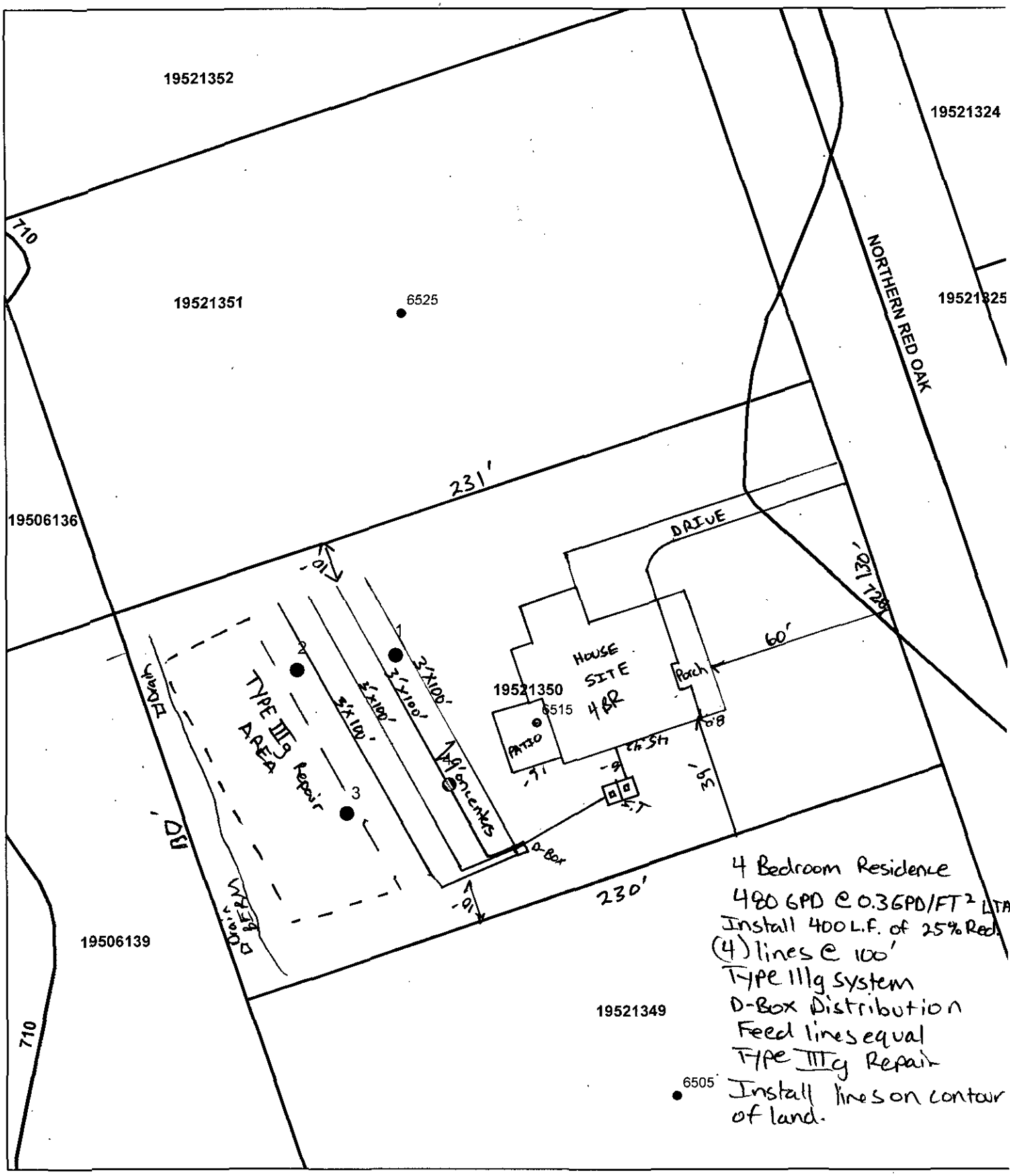
SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Install according to permit and plot plan on file with MCHD.

Comments: System Classification & Type: III g

DENR Authorized Agent: Jeremy Michael Signature: Jeremy Michael

SOIL EVALUATION LOCATIONS FOR
6515 Northern Red Oak Dr.
WAPSPS APPLICATION # 5369



Map Created By: J. Michael
Map Created On: 12/14/2011
Jeremy Michael REHS

0 15 60 Feet
SCALE = 1"=40'

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30005369** GWS File #: **8405B** Tax Parcel #: **195-213-50**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 12/14/2016

Type of Installation: Residential - New System Lot Number: 119

Structure Type: HOUSE Size (ft^2): 3297 # Bedrooms: 4 # Occupants: 6

Building Foundation: Concrete Slab Water Supply: Municipal

II. Initial System Type: Approved **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1200 Total Trench Length (ft): 400

Maximum Trench Depth (in): 24 Depth of Media (in): 12 Distribution Device: Distribution Box

III. Repair System Type: Approved **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd): 480 LTAR (gpd/ft^2): 0.3 Septic Tank Size (gal): 1500 Pump Tank Size (gal): N/A

Trench Width (ft): 3 Trench Spacing (ft): 9 Absorption Area (ft^2): 1200 Total Trench Length (ft): 400

Maximum Trench Depth (in): 24 Depth of Media (in): 12 Distribution Device: Distribution Box

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michael

Signature: Jeremy Michael REHS

Date Issued: 12/14/2011

Owner/Legal Agent: Tanya Redfern
Print Name

Signature:

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30005369** GWS File #: **8405B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michael

Signature: Jeremy Michael AEHS

Date Issued: 12/14/2011

Owner/Legal Agent: Tamika Redfern
Print Name

Signature:

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 1
Property ID: 195-213-50
Lot #: 119
File #: 8405B
AppID: 5369

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: True Homes
Applicant: True Homes
Address: 2649 Brekonridge Centre Monroe, NC 28110
Date Evaluated: 12/14/2011
Proposed Facility: Residence
Design Flow (.1949): 480 GPD
Property Size: 30034 SF
Location of Site: 6515 Northern Red Oak Dr. Charlotte, NC 28227
Property Recorded:
Water Supply: [X] Public [] Individual [] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 1941 Structure/ Texture	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS 3-4%	0-36	SBK/C	S/P/FI/SEXP		36"			PS, IV 0.3 GPD/FT^2
		36	rock						
2	LS 3-4%	0-40	SBK/C	S/P/FI/SEXP		48"			PS, IV 0.3 GPD/FT^2
		40-48	wSBK/CL	SS/SP/FI-FRI/SEXP					
3	LS 3-4%	0-40	SBK/C	S/P/FI/SEXP		48"			PS, IV 0.3 GPD/FT^2
		40-48	wSBK/CL	SS/SP/FI-FRI/SEXP					
4	LS 3-4%	0-39	SBK/C	S/P/FI/SEXP		48"			PS, IV 0.3 GPD/FT^2
		39-48	wSBK/CL	SS/SP/FI-FRI/SEXP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IIIg
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: Jeremy Michael Jeremy Michael AEHS
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Jeremy Michael
Others Present:

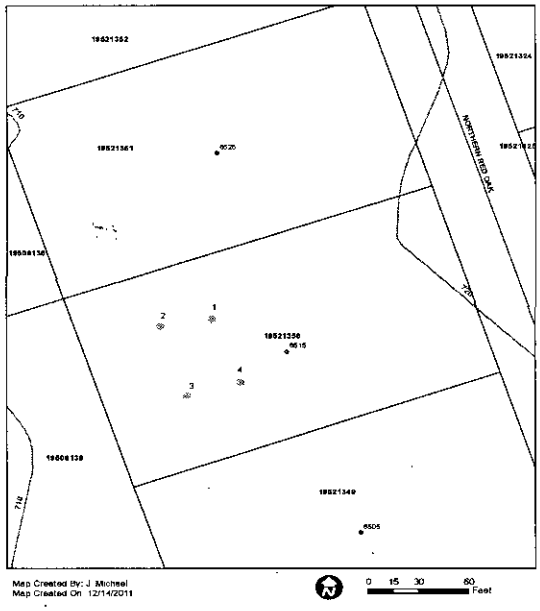
COMMENTS:

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations

SOIL EVALUATION LOCATIONS FOR
8515 Northern Red Oak Dr.
WAPSPS APPLICATION # 5369



8405 B

MECKLENBURG COUNTY
HEALTH DEPARTMENT 5369

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. SEPTIC / TYPE APPLICATION: ○ N/A ● NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ● N/A ○ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

3. JOB LOCATION INFORMATION:
TAX PARCEL NUMBER: 19521350
STREET ADDRESS: 615 Northern Red Oak
CITY: Charlotte
STATE: NC ZIP: 28227
SUBDIVISION NAME: Fairington Oaks
LOT #: 119 LOT SIZE (acres): 30034
TOWNSHIP:
○ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ● MINT HILL

4. BUILDING INFORMATION:
BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
● HOUSE ○ OTHER _____
HEATED SQUARE FOOTAGE: 3297
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 6
FOUNDATION TYPE:
● CONCRETE SLAB ○ BASEMENT WITH PLUMBING
○ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ● MUNICIPAL ○ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. PROPOSED USE OF WELL: ○ N/A ○ IRRIGATION ○ POTABLE (DRINKING WATER) ○ OTHER _____

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:
☐ N/A ☑ ANY TYPE ☑ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☑ OTHER _____

8A. RANK: 1 2 ___ ___ 3

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ● NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ● NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	○ YES ● NO	JURISDICTIONAL WETLANDS	○ YES ● NO
WELLS, SPRINGS, OR WATER LINES	○ YES ● NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ● NO
EASEMENTS OR RIGHT-OF-WAYS	○ YES ● NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ● NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ● NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ● NO
WASTE STORAGE	○ YES ● NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ● NO

10. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____ ☑ UNKNOWN

11. WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____ ☑ N/A

12. PROPERTY OWNER:
NAME: True Homes
ADDRESS: 2649 Brekonridge Centre
CITY: Monroe
STATE: NC ZIP: 28110
WORK PHONE: 704 238 1229
MOBILE PHONE: 7045063052
FAX: 910 401 1410
E-MAIL: rwhite@truehomesusa.com

13. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
WORK PHONE: _____
MOBILE PHONE: _____
FAX: _____
E-MAIL: _____

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. 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. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = *60 months, complete plat = non-expiring.*

_____ (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. 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. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

Property Owner's or Owner's Legal Representative Signature

12/13/11
Date

OFFICE USE ONLY

O SURVEY PLAT TO SCALE SUBMITTED O SCALED SITE PLAN SUBMITTED O UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ 250.00 DATE FEE RECEIVED: 12/13/11

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: lws

GWS FILE NUMBER ASSIGNED: 8405B

APPLICATION ID NUMBER ASSIGNED: 5369

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10

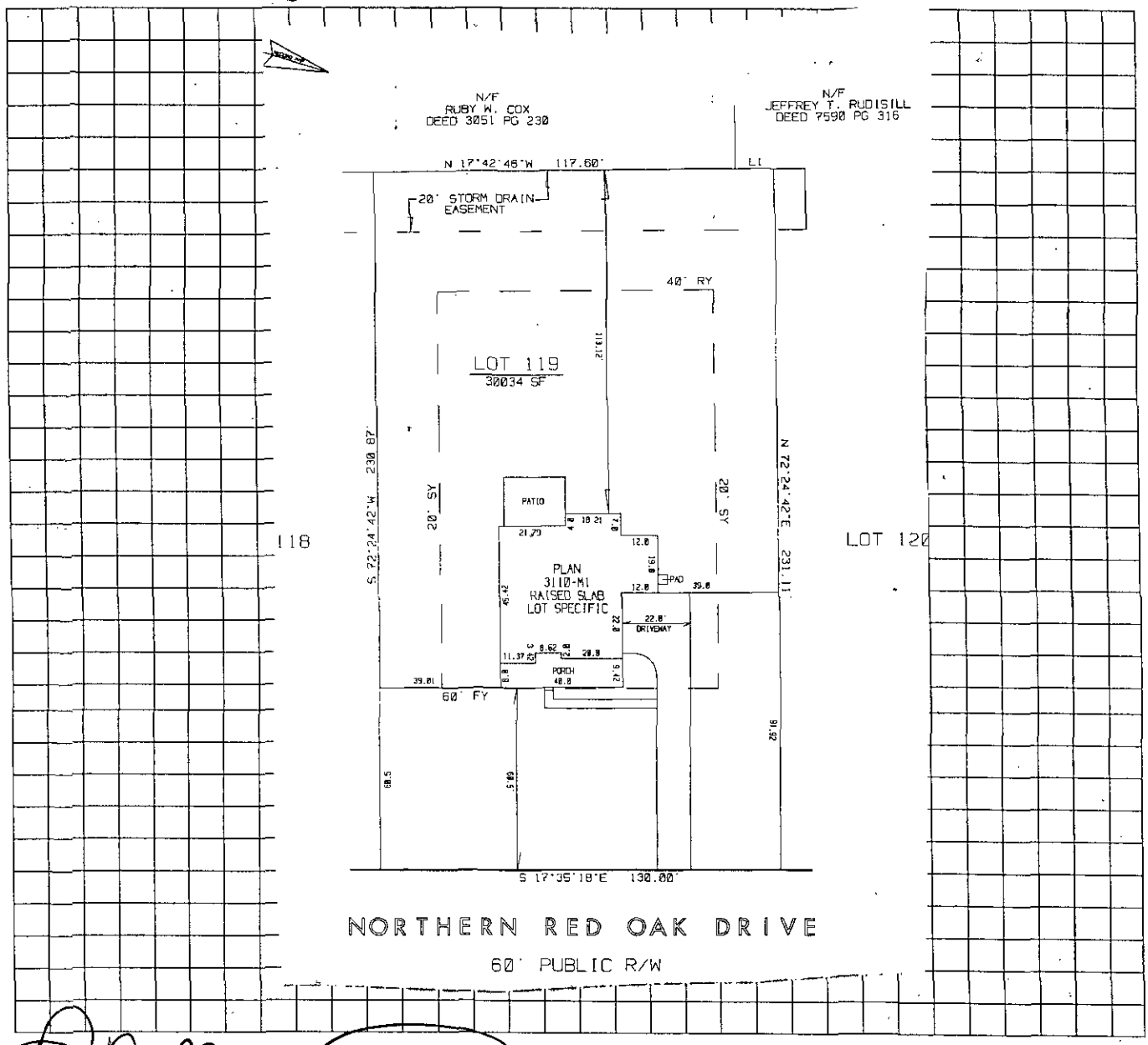
File #: 8405B

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 6515 Northern Red Oak Tax Parcel #: 19521350

Subdivision Name: Fairington Oaks Lot #: 119

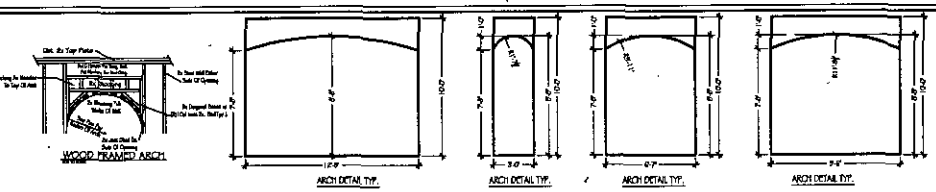


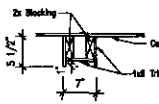
Property Owner's or Owner's Legal Representative Signature

12/13/14
Date

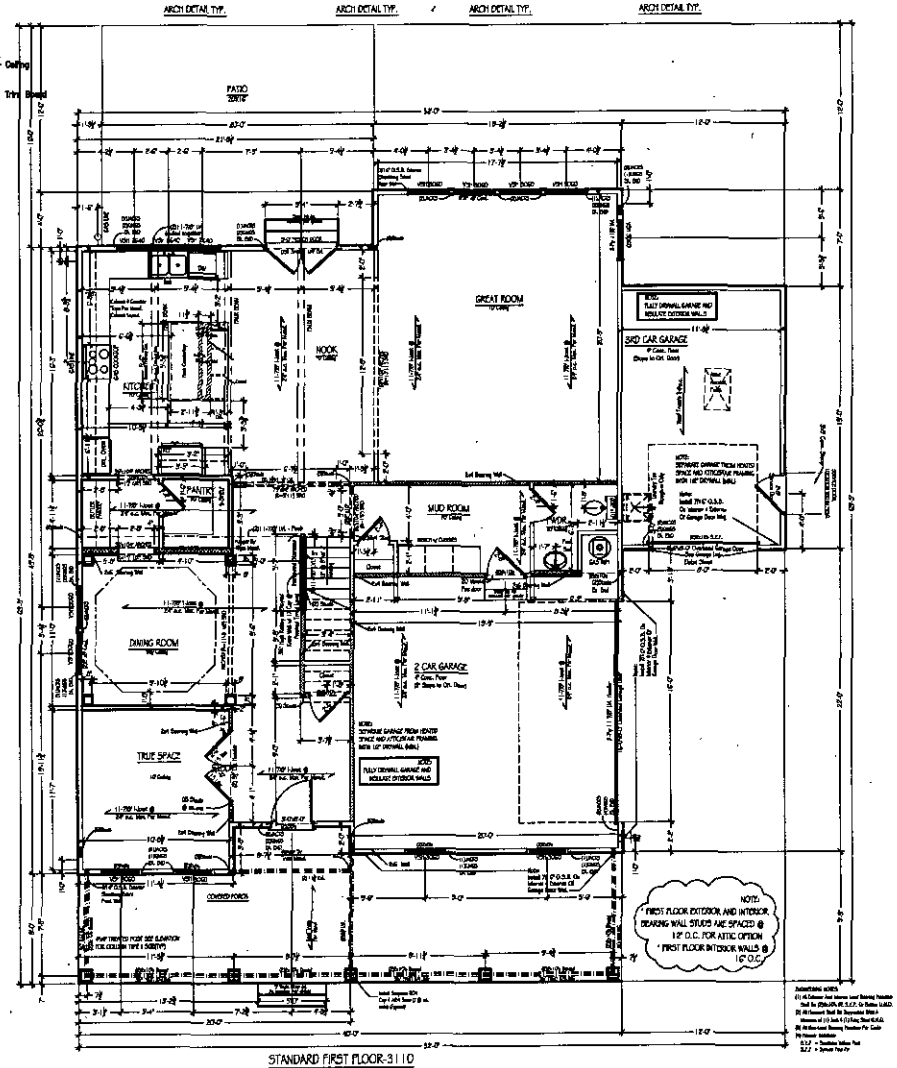
MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 12/15/10





FAUX BEAM DETAIL
KITCHEN ONLY



STANDARD FIRST FLOOR-3110

NORTH CAROLINA PROFESSIONAL
29245
ENGINEER
KEVIN P. MANSON
NORTH CAROLINA
RESIDENTIAL STRUCTURES, P.C.
C-3295
CERTIFICATE OF AUTHORIZATION FOR
RESIDENTIAL STRUCTURES, P.C.
3440 N. Davidson St.
Charlotte, N.C. 28205
Seal for Structural Only

GENERAL NOTES:

1. 9'-1 1/8" CEILING HEIGHT, UNLESS NOTED OTHERWISE
2. ALL INTERIOR NON LOAD BRG WALLS TO BE 2x4 STUDS 16" O.C.
3. WINDOWS TO BE VINYL SINGLE HUNG, SIZE AS INDICATED BY NUMBER ON PLAN (SEE WINDOW SCHEDULE)
4. DIMENSIONS ARE FROM FACE OF STUDS.
5. PROVIDE SLIDGING ABOVE WINDOWS & DOORS 16"O.C. TYP.
6. PROVIDE EXTRA STUDS AS INDICATED AT BEAM BEARING LOCATIONS.
7. ALL WINDOW HT. TO BE 6'-10 7/8" ABOVE FLOOR UNLESS OTHERWISE NOTED
8. PROVIDE DOUBLE CRIPPLES UNDER HEADERS FOR BEARING AT OPENINGS 6'-0" WIDE AND GREATER
9. SHIM INTERIOR DOORS 1 PC. DOORS 1/2" ABOVE SUBFLOOR
10. UPPER KITCHEN CABINETS 55" ABOVE SUBFLOOR
11. 16" O.C. STUDS AT KITCHEN WALLS W/ CABINETS

HALF WALL (See plan for ht.)
2X4 WALL (see plan for plate ht.)
2X4 BEARING WALL
2X4 EXTERIOR WALL
2X6 WALL (see plan for plate ht.)
2X6 WALL PLUMBING WALL
2X6 EXTERIOR WALL

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704-226-9486

Fairington Oaks
Lot #119

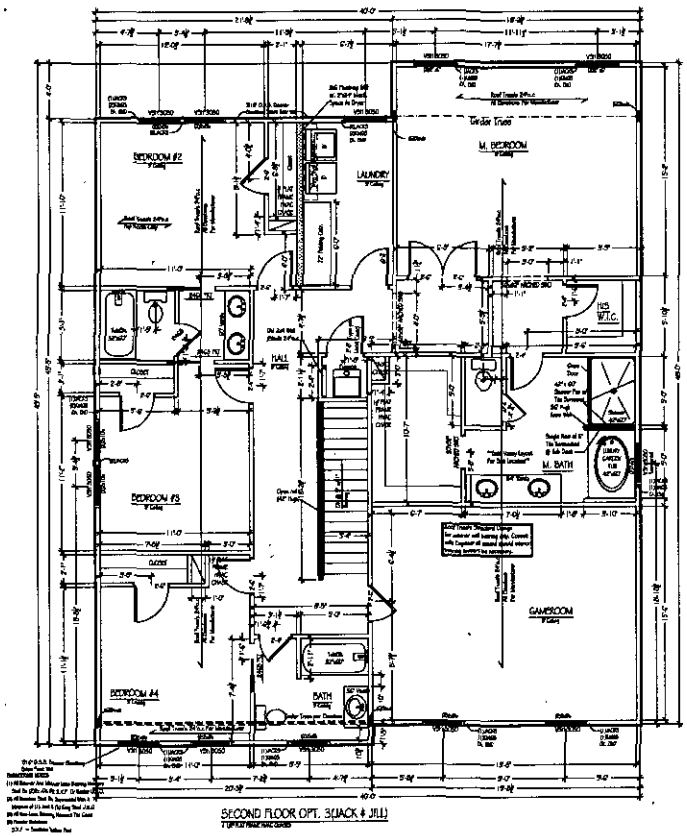
FIRST FLOOR PLAN

3110 - TOWNSEND

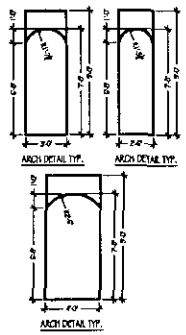
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DRAWN BY: MWH
DATE: 12.7.11
SCALE: 1/4" = 1'-0"
REVISION:
JOB: Lot Specific

SHEET: 4 / 9



SECOND FLOOR OPT. 3(JACK & JILL)



NORTH CAROLINA PROFESSIONAL ENGINEER KEVIN P. MUNSON SEAL 29249 RALEIGH NORTH CAROLINA RESIDENTIAL STRUCTURES, PC CERTIFICATE OF AUTHORIZATION No. 3295

RESIDENTIAL STRUCTURES, PC
3419 N. Davidson St.
Charlotte N.C. 28205
Seal for Structural Only

GENERAL NOTES:

1. 8'-1 1/2" CEILING HEIGHT, UNLESS NOTED OTHERWISE
2. ALL INTERIOR NON LOAD BRG WALLS TO BE 2x4 STUDS 16" O.C.
3. WINDOWS TO BE VINYL SINGLE-HUNG, SIZE AS INDICATED BY NUMBER ON PLAN (SEE WINDOW SCHEDULE)
4. DIMENSIONS ARE FROM FACE OF STUDS
5. PROVIDE BLOCKING ABOVE WINDOWS & DOORS 16"O.C. TYP.
6. PROVIDE EXTRA STUDS AS INDICATED AT TEAM BEARING LOCATIONS.
7. ALL WINDOW HT. TO BE 6'-10 7/8" ABOVE FLOOR UNLESS OTHERWISE NOTED
8. PROVIDE DOUBLE CRIPPLES UNDER HEADERS FOR BEARING AT OPENINGS 8'-0" WIDE AND GREATER
9. SHIM EXTERIOR DOORS & PKT. DOORS 1/2" ABOVE SUBFLOOR
10. UPPER KITCHEN CABINETS 55" ABOVE SUBFLOOR
11. 16" O.C. STUDS AT KITCHEN WALLS W/ CABINETS

HALF WALL (See plan for ht.)
2X4 WALL (see plan for plate ht.)
2X4 BEARING WALL
2X4 EXTERIOR WALL
2X6 WALL (see plan for plate ht.)
2X6 WALL PLUMBING WALL
2X6 EXTERIOR WALL

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SECOND FLOOR PLAN

3110 - TOWNSEND

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DRAWN BY: MWH
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SCALE: 3/16" = 1'-0"
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