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

Zoning Permit

Permit Number: 141696ZO

Printed: 11/4/2013

Master #: 141696

Associated Permits:

141696ZO	Zoning
141696WE	Well

Applicant

Name: IQ Custom Construction Inc
Address: 840 Edmiston Rd.
Mount Ulla, NC 28125

Phone: (704) 400-6472

Parcel

Parcel Number: 4637128515.000
Address: 166 Patternote RD

Zoning: RA
Township: 1700
Area: 1.31

Subdivision: Devonshire
Lot(s): 26

Directions to Parcel: brawley sch rd. right on blum, right patternote, lot on right

Owners

Name: CHARLES SAYRE
Address:

Contractors

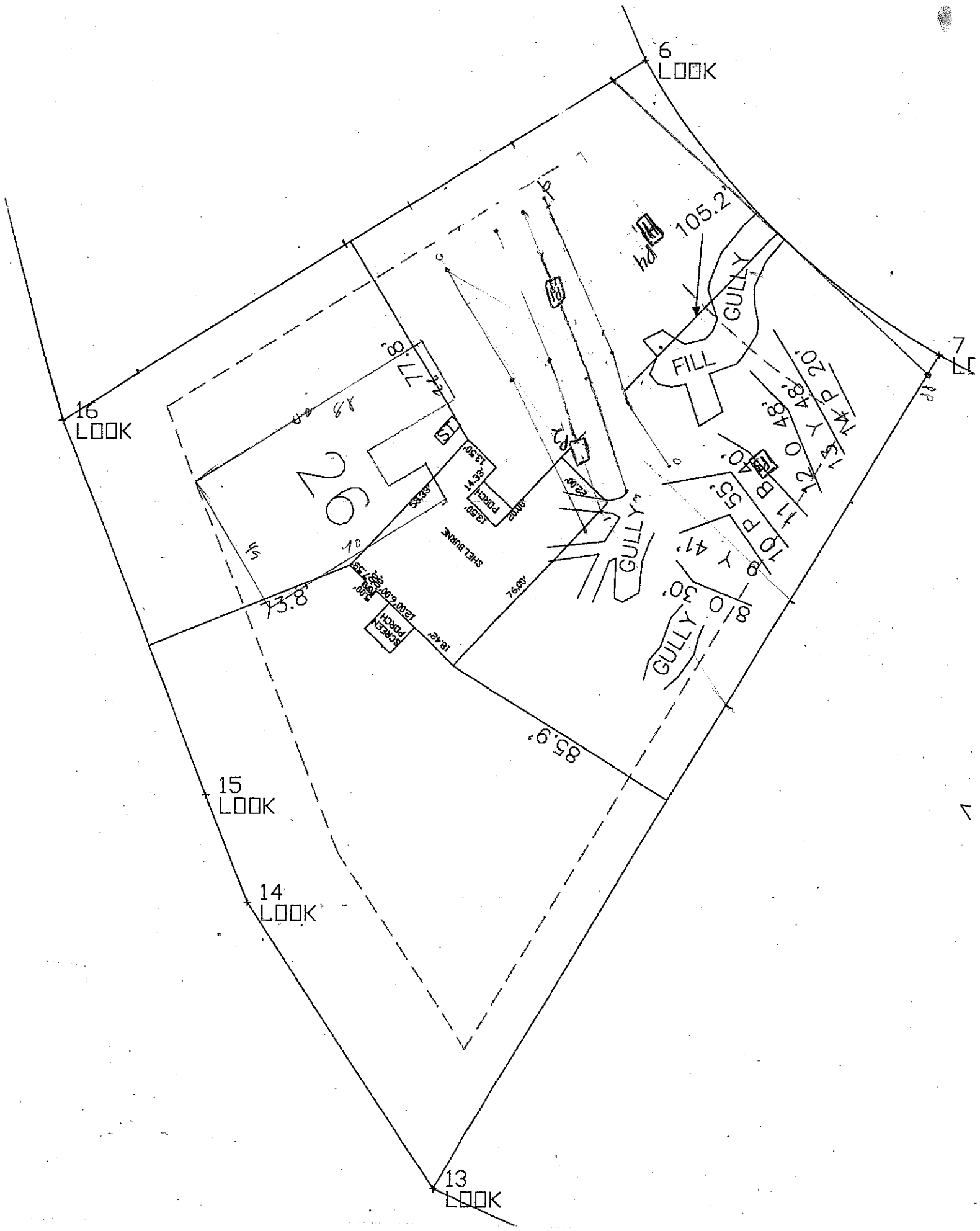
Contractor Type: Building
Name: IQ Custom Construction Inc
Address: 840 Edmiston Rd.
Mount Ulla, NC 28125

Phone: (704) 400-6472

updated ZO $77.25

Fees and Receipts:

Number	Description	Amount
FEE-148316-07	~~Zoning - Permit / Inspection~~	~~$45.00~~
FEE-148317-07	~~Environmental Health - Type I or II System~~	~~$350.00~~
FEE-300651-07	Zoning - Permit Application	$75.00


6
LOOK
105.2
GULLY
FILL
7
16
LOOK
77.8
26
SHED
GULLY
GULLY
73.8
85.9
15
LOOK
14
LOOK
13
LOOK

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

Sheet: 1-1
Property ID: 4637-12-8515
Lot #: 26
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: IQ Custom Construction Inc
Address: 840 Edmiston Rd Mt Ulla NC 28125
Proposed Facility: 4BRM Design Flow (.1949) 480gpd
Location of Site: 166 Patternate Rd Mooresville NC 28117

Applicant: IQ custom Construction
Date Evaluated: 11-15-13
Property Size: 1.31 ac
Property Recorded: Yes

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

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .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
P 1	SS 7%	0-5	Fill						
		5-15	R C WFSBk	Fr SS SP SE/P	few sap	29"	PS	—	PS .3-.35
		15-31	YR CL WFSBk	Fr SS SP SE/P	Com sap				
		31-63	Var FSL Sap	R Fr SS SP SE/P	few/com RC incl				
P 2	SS 18%	0-18	R C WFSBk	Fr SS SP SE/P		29"	PS	—	PS .35
		18-29	YR CL WFSBk	Fr SS SP SE/P	Many sap				
		29-63	Var FSL Sap	R Fr SS SP SE/P	few CL				
P 3	SS 5%	0-10	Fill/colluvial			incl.			PS .225
		10-30	B SCL/CL	WFSBk Fr SS SP SE/P	Com Organic				
		30-51	R C MMSBk	Fr SS SP SE/P					
		51-58	R C WFSBk	Fr SS SP SE/P					
P 4	SS 8%	0-23	R C MMSBk	Fr SS SP SE/P		48"	PS	—	PS .3
		23-35	R C WFSBk	Fr SS SP SE/P					
		35-48	R CL WFSBk	Fr SS SP SE/P	Com sap				
		48-64	Var L/SL Sap	R Fr SS SP SE/P	many Rec incl				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red.	LP PP BPS
Site LTAR	0.3	0.275

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: NONE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (✓) 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: IQ Custom Construction Address: 870 Edmiston Rd Mountain, NC 28125 Phone: 9802972329

Owner Name: Jason Slagle Address: " " Phone: 704 400 6472

Property Information:

Street Address: 166 Patternoke Rd

Subdivision Name: Devonshire Section/Phase: _____ Lot Number: 26

Driving Directions: 77 South to Ex. 135 (Brawley Sch. rd) right onto brawley sch. rd. right onto Blume rd, right onto Patternoke rd lot on right ½ mile.

Site Development Information: *(check or complete ALL that apply)*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: _____
( ) Swimming Pool
( ) Other Addition/Structure: _____

( ) 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 ( ) 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 (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) 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.

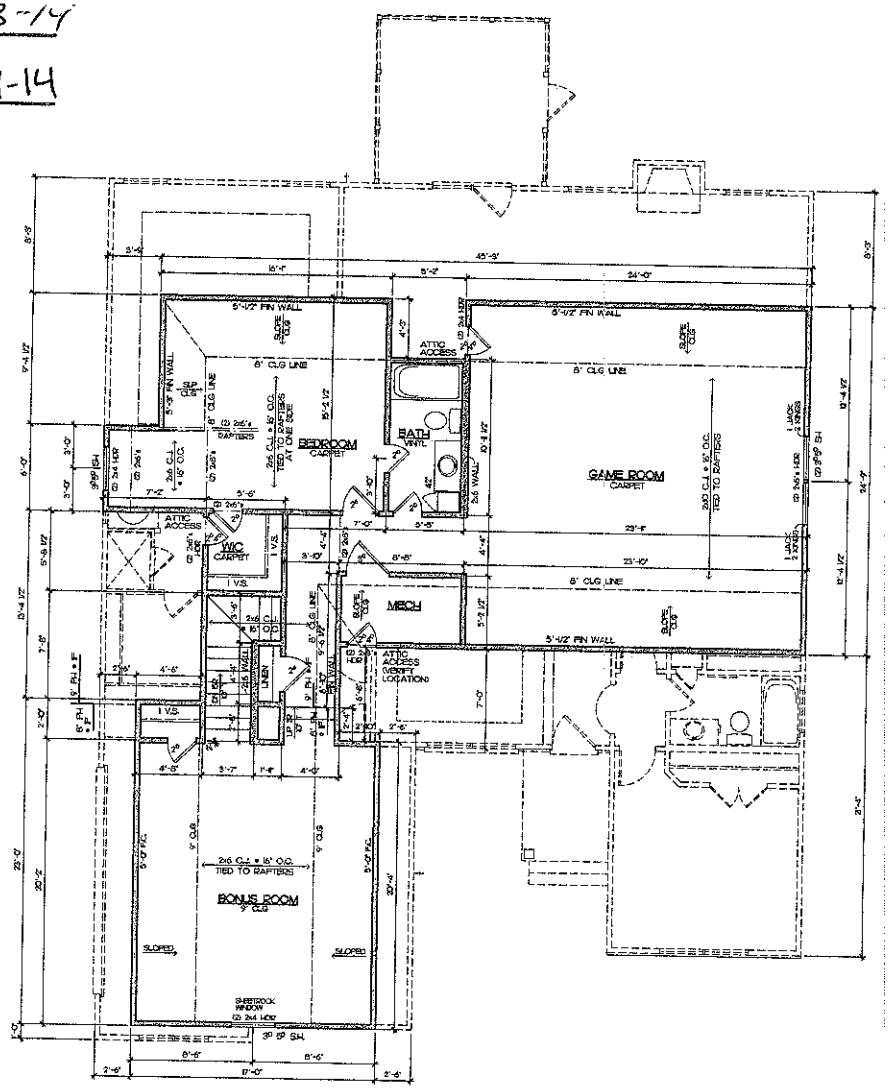
Signature: Jason Slagle
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/8/14
DATE

Acknowledgement Of
Plans Submittal ONLY!

17-m17 Date 1-3-14

BAlley Date 1-9-14



SECOND FLOOR PLAN

NOTES: -WINDOW R.O. TO BE SAME AS WINDOW CALL OUT
-SEE TRUSS LAYOUT FOR BEAM SIZES AND LOCATIONS
-CLOSED OPENING AT ALL BI-FOLD DOORS.
-SEE DETAIL SHEET FOR ADDITIONAL DETAILS

1/4"=1'-0"

NOTE
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Drafting & Design
CHARLOTTE NC
704-542-8888

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IQ CUSTOM CONSTRUCTION
840 Edmisten Rd. Mt. Ulla, NC 28125 Ph. 704-669-0778

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 34488 C. SCOTT BROOKS 1/7/14

Southern Dynamic Engineering and Design, PLLC
P.O. Box 97
Pineville, NC 28134
Seal for Structural Only

Project: The Shelburne II

Sheet Title: SECOND FLOOR PLAN

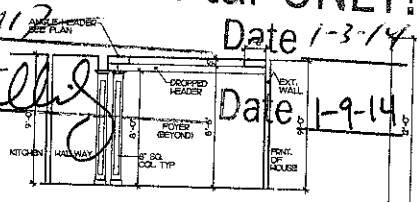
Drawn By: C. BAZARE
Date: 2-8-12
REV:
Site:

SHELBURNE II 2F

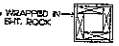
Sheet 4

DESIGNED AND ENGINEERED TO COMPLY WITH THE 2006 I.R.C.

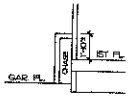
Acknowledgement Of
Plans Submittal ONLY!
12-MI2 Date 1-3-14
3A-ELS Date 1-9-14



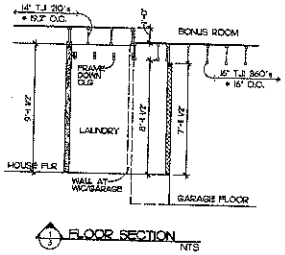
① COLUMN DETAIL AT DINING RM.
1/4" = 1'-0"



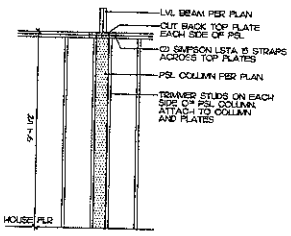
TYPICAL INTERIOR COLUMN IN PLAN
NTS



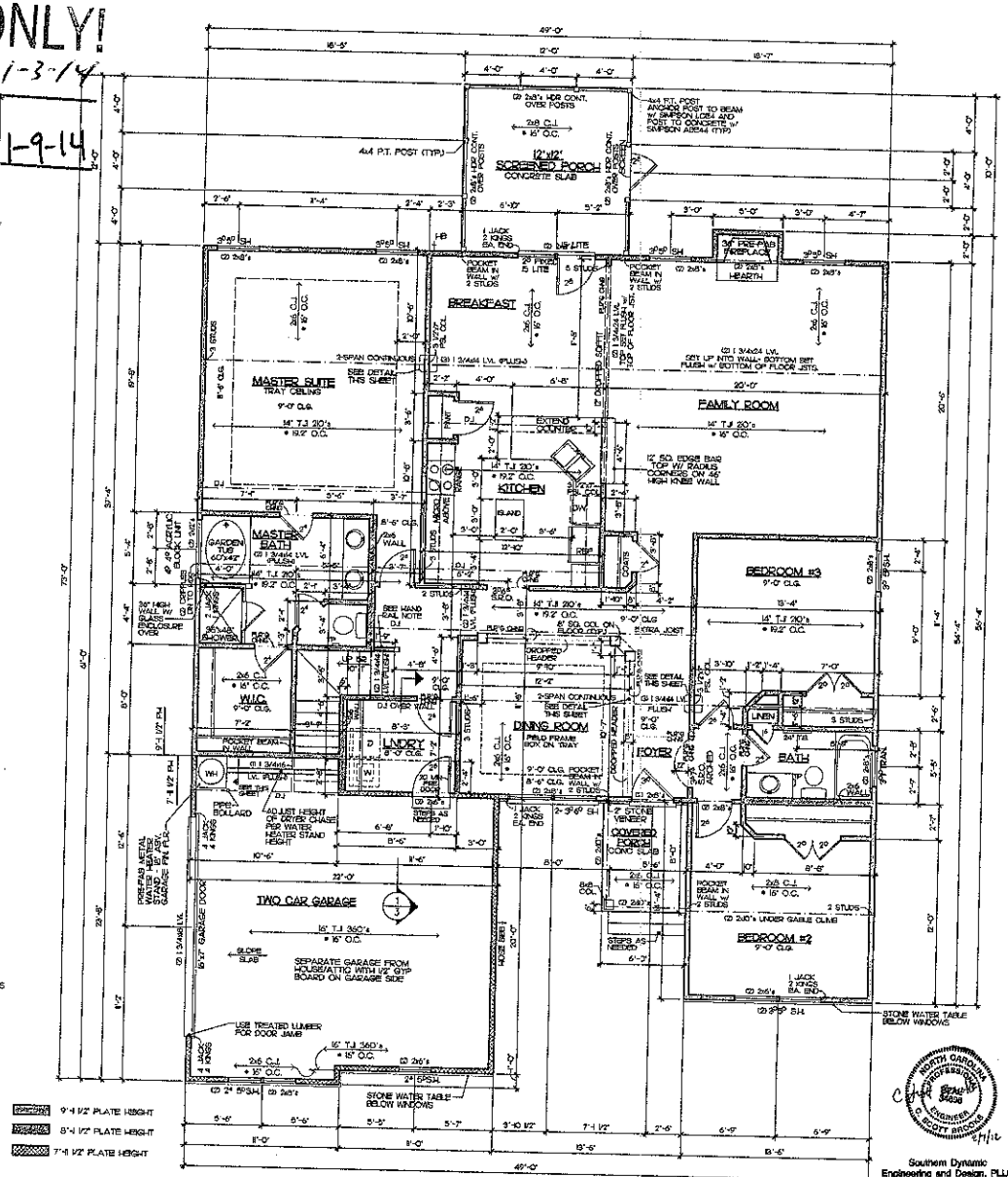
DRYER VENT CHASE
VERIFY HT. W/ WATER HEATER STAND IF APPLICABLE
1/2"=1'-0"



1/2 FLOOR SECTION
NTS



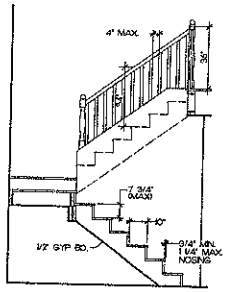
TYPICAL PSL COLUMN DETAIL
NTS



FIRST FLOOR PLAN
NOTES: WINDOW RO TO BE SAME AS WINDOW CALL OUT
SEE TRUSS LAYOUT FOR BEAM SIZES AND LOCATIONS
CASED OPENING AT ALL BI-FOLD DOORS
SEE DETAIL SHEET FOR ADDITIONAL DETAILS
1/4" = 1'-0"

SQUARE FOOTAGE	
FIRST FLOOR	2,125
SECOND FLOOR	1,471
TOTAL	3,596
FRONT PORCH	47
SCREEN PORCH	144
2 CAR GARAGE	479

HANDRAIL NOTE
HAND RAIL TO BE EITHER HALF WALL WITH WOOD CAP OR OPEN HANDRAIL WITH WOOD RAILS, COORDINATE TYPE WITH SPIRES PLANS. FOR HALF WALL SEE DETAIL SHEET D-4, FOR OPEN TYPE HANDRAIL COORDINATE WITH STAIRCASE SUPPLIER.



TYPICAL STAIR DETAIL
STAIR CONFIG PER PLAN
3/8"=1'-0"

NOTE: ALL WINDOWS TO BE LOW E GLASS

WINDOW THERMAL PERFORMANCE	
GLASS TYPE	LowE-140
U-FACTOR	0.36
R-VALUE	2.78
SHGC	0.19
VLT	0.28

THE DATA LISTED IS FOR PLYGEM 1100 SERIES SINGLE HUNG VINYL WINDOW.

INSULATION R-VALUES
EXTERIOR WALLS - R-13 KRAFT BATT 3 1/2" THICK
OPEN WALLS - R-19 KRAFT BATT 6 1/4" THICK
BONUS ROOM FLOOR - R-19 KRAFT BATT 6 1/4" THICK
SLOPED CEILING - R-30 KRAFT BATT 10" THICK
HVAC PLATFORM - R-30 KRAFT BATT 10" THICK
FLAT CEILING - R-30 LOOSE FILL 12" THICK
CRAWL SPACE - R-19 KRAFT BATT 6 1/4" THICK w/6 MIL. BLACK POLYETHYLENE

NOTE
Drafting & Design executes no liability for any home construction from this office. It is the responsibility of the purchaser, or his agent, to have all working drawings reviewed prior to any beginning of construction. The contractor must verify compliance with all local building codes.

Every attempt has been made in preparation of this drawing to meet all requirements of the state, city, and/or county. Any discrepancies found should be brought to our attention prior to construction.

Drafting & Design will not be liable for any human error or for any change made to the plans.

Structural steel beams are to be sized by an engineer and is the responsibility of the builder/contractor.

Local, state and federal building codes take precedence over this plan.

Drafting & Design, Inc.
Charlotte, NC
704-545-2858

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IQ CUSTOM CONSTRUCTION
640 Edmonston Rd Mt. Ulla, NC 28125 Ph: 704-660-5736

Project: The Shelburne II
Sheet Title: FIRST FLOOR PLAN

Drawn By: C. BAZARE
Date: 2-6-12
REV:
Site:

246.3FP
Sheet: 3

Southern Dynamic Engineering and Design, PLLC
P.O. Box 97
Pineville, NC 28134
Seal for Structural Only

DESIGNED AND ENGINEERED TO COMPLY WITH THE 2006 I.R.C.

...ION OF ENVIRONMENTAL HEALTH
...-SITE WASTEWATER SECTION

PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

...NER: ____ APPLICANT: ____
...DRESS: ____ APPLICATION DATE: ____ DATE EVALUATED: 5-17-01
...OPOSED FACILITY: ____ PROPOSED DESIGN FLOW (.1949): ____ PROPERTY SIZE: ____
...CATION OF SITE: Lot 26 Devonshire PROPERTY RECORDED: ____
...ATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other ____
...ALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
...PE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

#5 0-20 wksl SCL fr sssp
20-48 wksl blc L fr sssp common sap
o35

.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
	0-17	wksl ybr d	fr sssp					
	17-34	wksl blc L	common sil sap fr sssp					.3
	0-36	wksl ybr d	fr sssp					
in Swallow area	36-52	wksl L	many sil sap fr sssp					.3+
	0-5	lo sil	fr					
	5-25	sil	red d	fr sssp				.3
	25-48	wksl	yr d/L	common sap fr sssp				
	0-3	lo sil	fr					
	3-24		red d	fr sssp				.3
	24-52		yr d/L	fr sssp				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
...ilable Space (.1949)		
...stem Type(s)		

OTHER FACTORS (.1946): ____

EVALUATED BY: ____