IREDELL COUNTY HEALTH DEPARTMENT - *ENVIRONMENTAL HEALTH*

☒ STATESVILLE OFFICE 704-878-5305 ☐ MOORESVILLE OFFICE 704-664-5281

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

PERMIT # 16646 3 PIN # 3774 73 4480 DATE July 29, 2011

OWNER D.G. Custom Homes APPLICANT: Same PHONE: Home/Cell # Business # 704 400 2307

SITE ADDRESS 106 Pier Point Drive; Stony Point OWNER / APPLICANT ADDRESS 182 N. Main St, Mooresville, NC 28117

SITE DIRECTIONS Sharon School Rd TR Stewart Rock TL Fulbright TR @ gated entrance go to Stopsign TR Rivercliff on left - corner of Tw/Pier Point

SUBDIVISION Riverwalk BLOCK / SECTION 4 LOT # 17 LOT AREA 1.361 Ac DESIGN FLOW 480 gpd L.T.A.R. .03

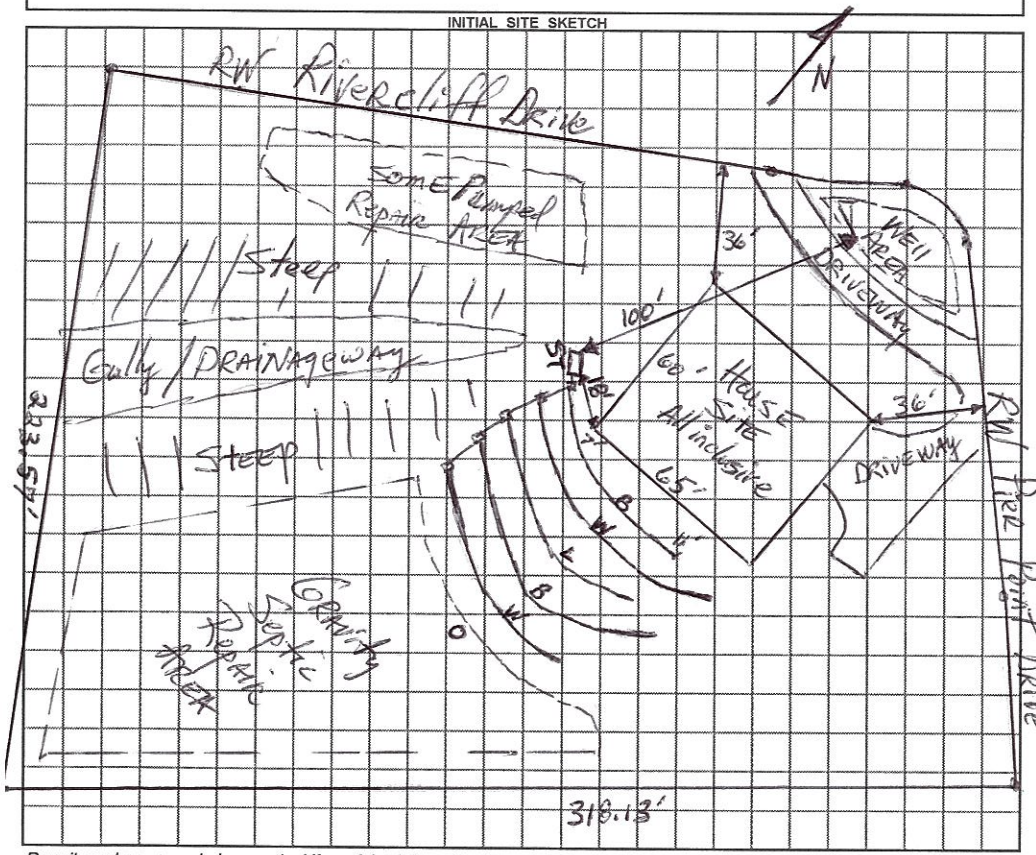
Septic Tank 1000	Gallons: STB 1012	Date 6-11-11	☒ New System ☐ Repair ☐ Expansion System Type I II (III) IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank	Gallons: P T	Date	System Description: Gravity 25% Reduction	☐ Business	No. Persons	☒ Private
Pump Make	Model	Serial #	Repair System Description: 25-50% Reduction	☐ Other	No. Employees	☐ Public
No. Nitrification Fields: 1	No. Lines 5	Linear Feet 400	Maintenance Agreement Required ☐ YES ☒ NO	☐ Slab	☒ Crawl Space	☐ Community
Trench Width 36"	Max. Trench Bottom Depth 36"		Gravel Depth NA ☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions

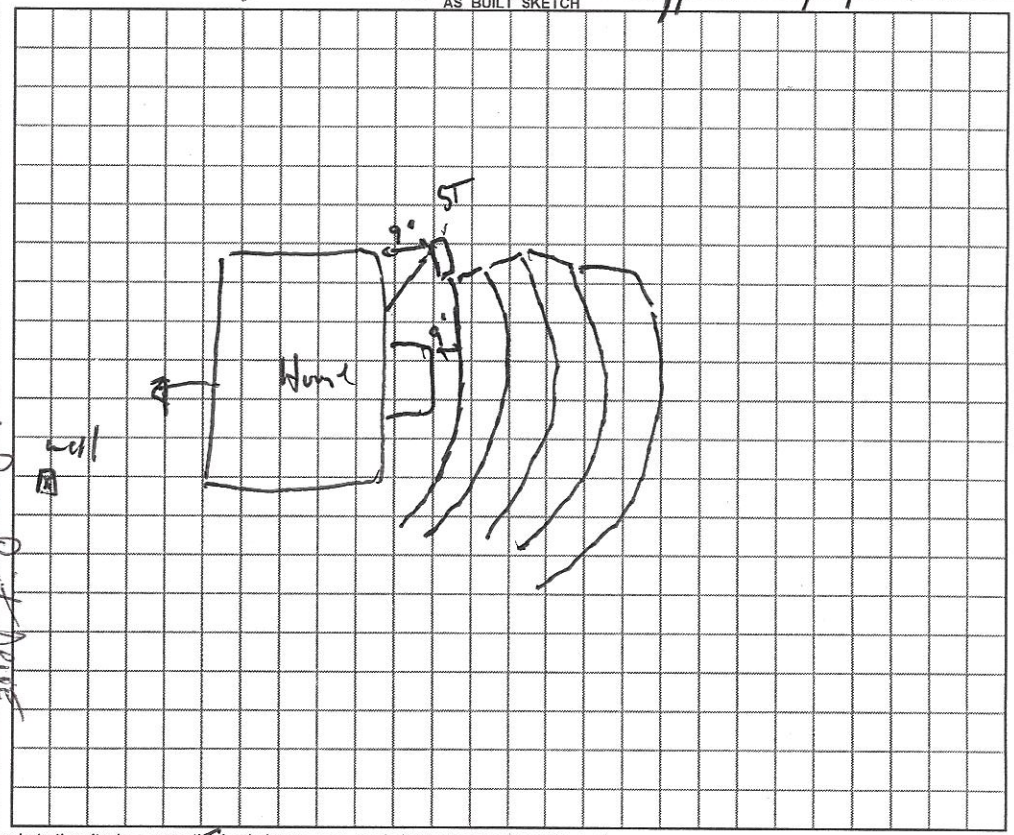
* changed to front entry garage
* 3BR floorplan submitted 8-5-11

ST was marked
Poly/rock fill.
Septic tank location opposite proposed.

INITIAL SITE SKETCH



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.

☐ ***IMPROVEMENT PERMIT*** with plat valid without expiration. ☒ ***IMPROVEMENT PERMIT*** with plat valid without expiration site plan valid 60 mo. ☑ ***AUTHORIZATION TO CONSTRUCT*** valid for period equal to IMPROVEMENT PERMIT not to exceed 60 mo.

Owner / Applicant Signature: D.G. Custom Homes / David Dan Date 8-5-11

IMPROVEMENT PERMIT by: REHS Date 7-29-11

AUTHORIZATION TO CONSTRUCT by: R. Steve Hendrick REHS Date 8-5-11

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

Installed by: Steve Lyons

OPERATION PERMIT by: REHS Date 3 Nov. 11

Existing System Inspected by: REHS Date

White Copy – Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

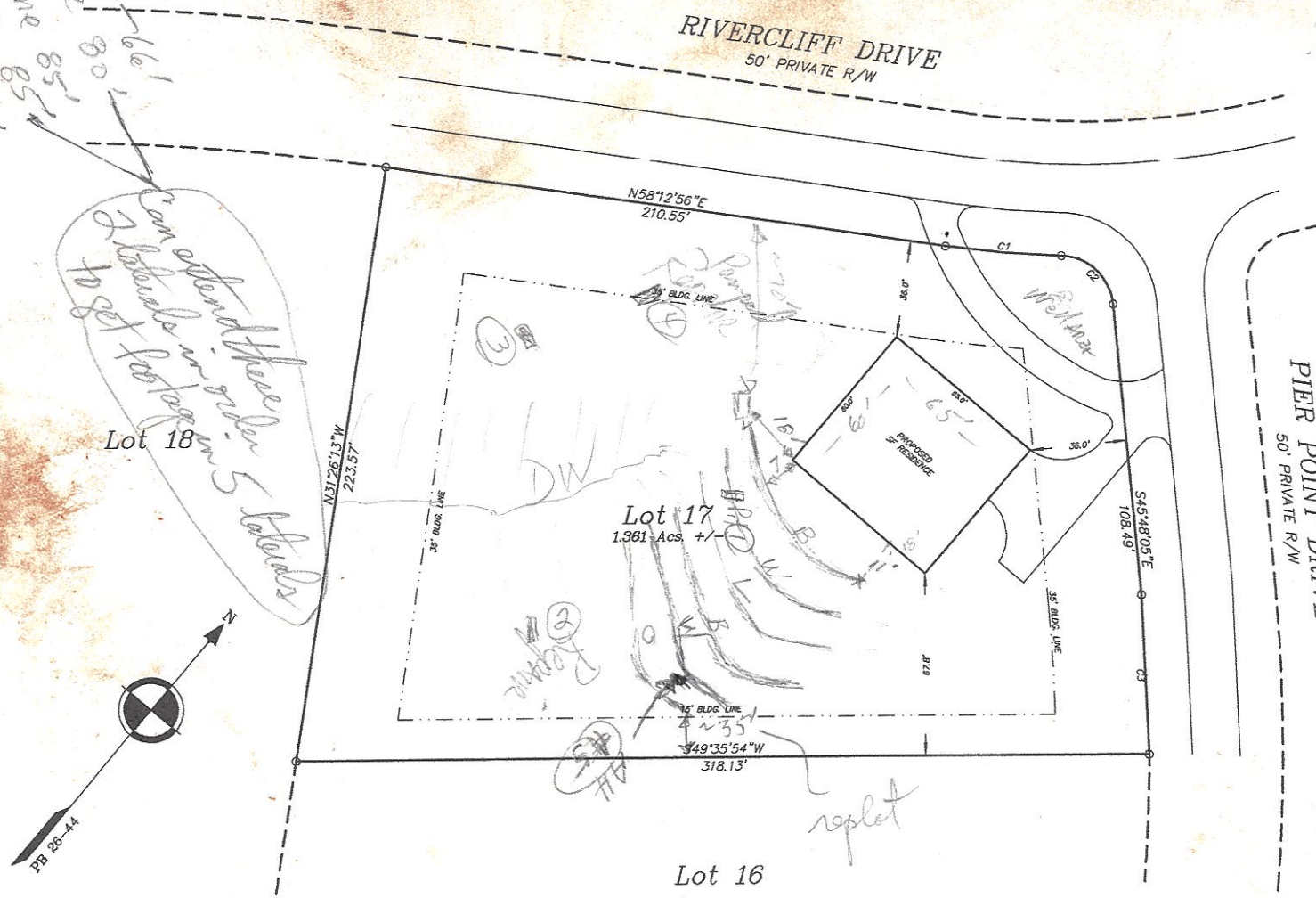
OWNER: DR Homes
ADDRESS: 182 N. Main, Mooresville, NC
PROPOSED FACILITY: SFR
LOCATION OF SITE: Riverwalk lot 17 Sect 4
PROPOSED DESIGN FLOW (.1949): 480gpd
APPLICATION DATE ___
DATE EVALUATED: 6-3-11
PROPERTY SIZE: 1.3ac
PROPERTY RECORDED: ___
WATER SUPPLY: • (Private) • Public • Well • Spring • Other ___
EVALUATION METHOD: • (Auger Boring) • (Pit) • Cut
TYPE OF WASTEWATER: • (Sewage) • Industrial Process • Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 Pit	8% HS	0-5	gr brn sdl	fr sssp	None	28"	PS	None	.3
		5-18	sbk c	fr sssp sl sticky					
		18-28	wk sbk cl	fr sssp					
		28-63	massive ls sap	fr sssp					
2 Pit	25% S	0-10	gr brn scl	fr sssp sl sticky	None	31"	PS	None	.3
		10-31	wk sbk cl	fr sssp sl sticky					
		31-60	massive sl sap	fr sssp					
3 Pit	24% S	0-4	gr brn sl	fr sssp	NA	(U)	(U)	20-60"	
		4-20	sbk cl/cl	fr sssp so sap					
		20-60	hard weathered rock w/some soil/sap	hard					
			drip irrigation lateral	soil depth lone					
4 Pit	21%	0-12	gr brn scl	fr sssp	None	48"	NA	NA	.3
		12-27	sbk c	fr sssp sl sticky					
		27-53	wk sbk cl	fr sssp sl sticky					
		53-70	cl sap	fr sssp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	5	5
System Type(s)	Conv 25% red	25-50% red.
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: [signature]
OTHER(S) PRESENT: ___

COMMENTS: ___



Preliminary Site Plan

106 Pier Point Drive; 1.361 Acs.
RIVERWALK
SECTION IV, LOT 17

Shiloh Township, Iredell County, NC

Tax PIN 3774-73-4480 ~ D. B. 1603-725 ~ P. B. 26-44

PRELIMINARY PLAT
NOT FOR RECORDATION,
CONVEYANCE, OR SALES

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	7°01'51"	42.95'	350.00'	N54°42'00"E	42.92'
C2	83°00'50"	28.98'	20.00'	S87°18'30"E	26.51'
C3	5°23'59"	59.44'	630.73'	S43°06'05"E	59.42'

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for IMPROVEMENT PERMIT , AUTHORIZATION TO CONSTRUCT, or EXISTING SYSTEM INSPECTION

(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)

1. APPLICATION FOR: (✓) Improvement Permit ( ) Authorization To Construct ( ) BOTH ( ) Existing System Inspection

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:

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
DG Custom Homes	182 N. Main ST Mooresville	704 400-2307	704 506-0401

Owner Name	Mailing Address	Home Phone #	Alternate Phone #
DG Custom Homes	182 N. Main ST Mooresville	704 400-2307	704 506-0401

4. Property Information:

106

Street Address	Subdivision Name	Section/Phase and Lot Number
Lot #17 Pier Point DR	Riverwalk	4 #17

Driving Directions: I-40 West EXT 141 Right on Sharon School Rd to Stewart Rock Rd Left to Fulbright Left To Rivercliff corner of Rivercliff and Pier Point

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
( ) Repair To Failing Septic System
( ) Other

Maximum Number of Bedrooms 4
Maximum Number of Occupants 8
If Expansion, Current Number of Bedrooms ____

(✓) Crawl Space Foundation?
( ) 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:

(✓) 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)*

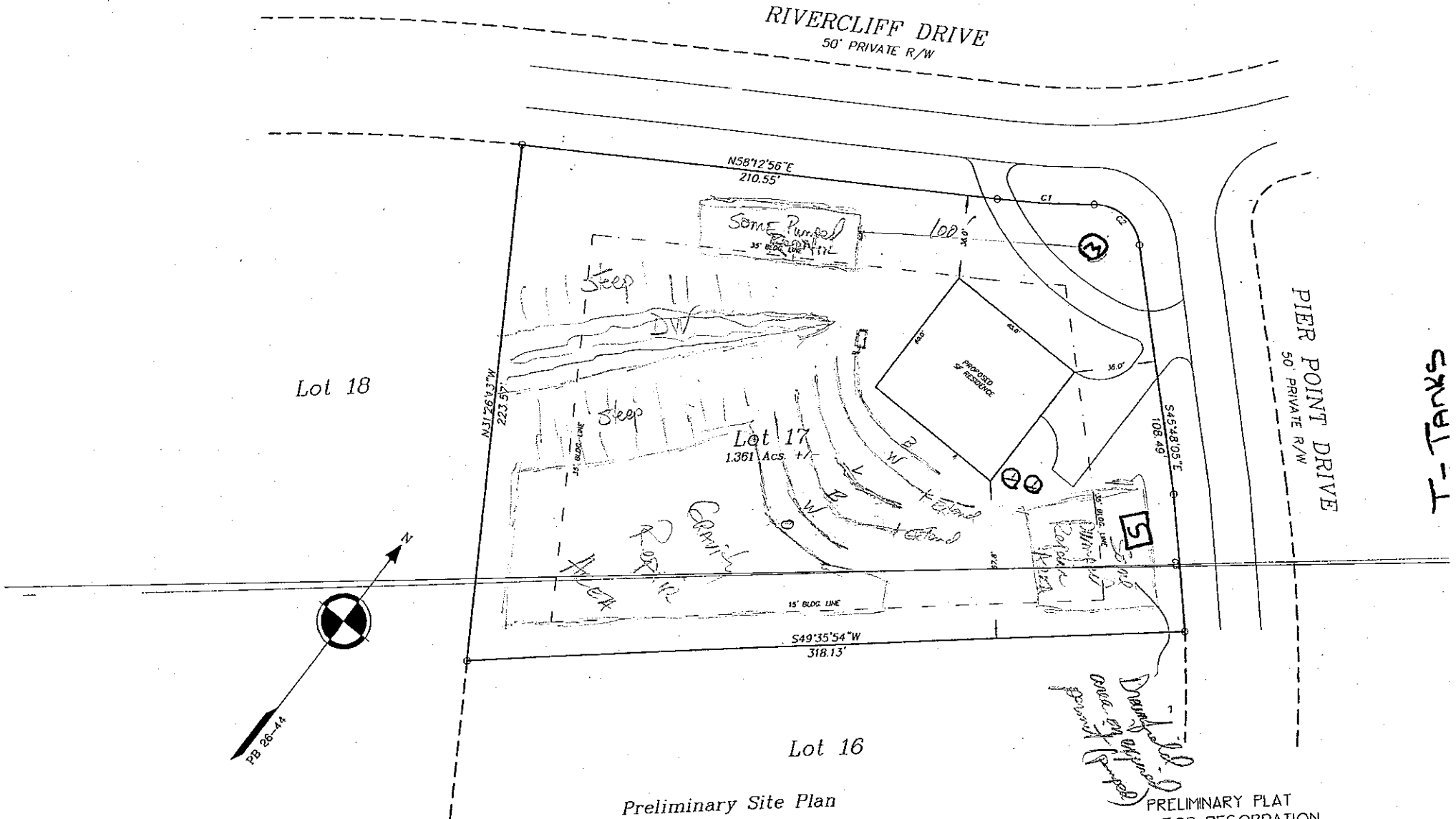
( ) Alternative (✓) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other_____ ( ) No Preference

8. 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. industry) 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.

9. Signature: _____ 5-6-11
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE



Preliminary Site Plan

106 Pier Point Drive; 1.361 Acs.
RIVERWALK
SECTION IV, LOT 17

Shiloh Township, Iredell County, NC

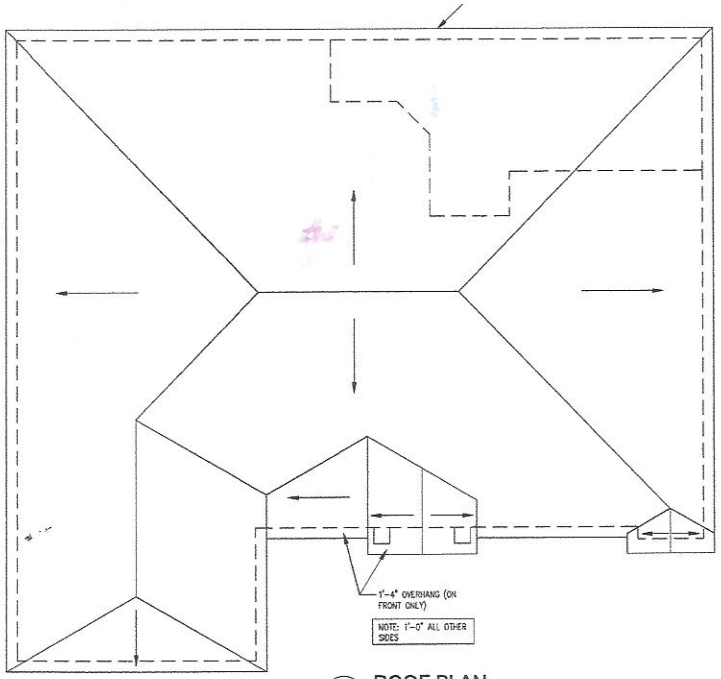
D. B. 1603-725 ~ P. B. 26-44

PRELIMINARY PLAT
NOT FOR RECORDATION,
CONVEYANCE, OR SALES

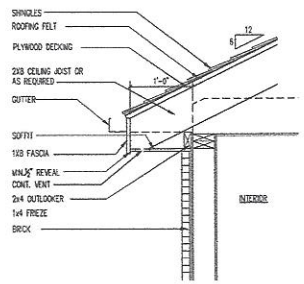
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T-Tanks

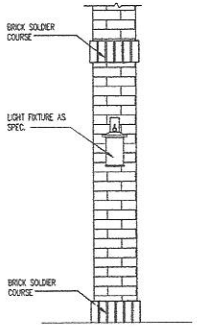
Acknowledgement Of
Plans Submittal ONLY!
DG Homes LLC Date 8-5-11
R. Steve Herrick Date 8/5/11



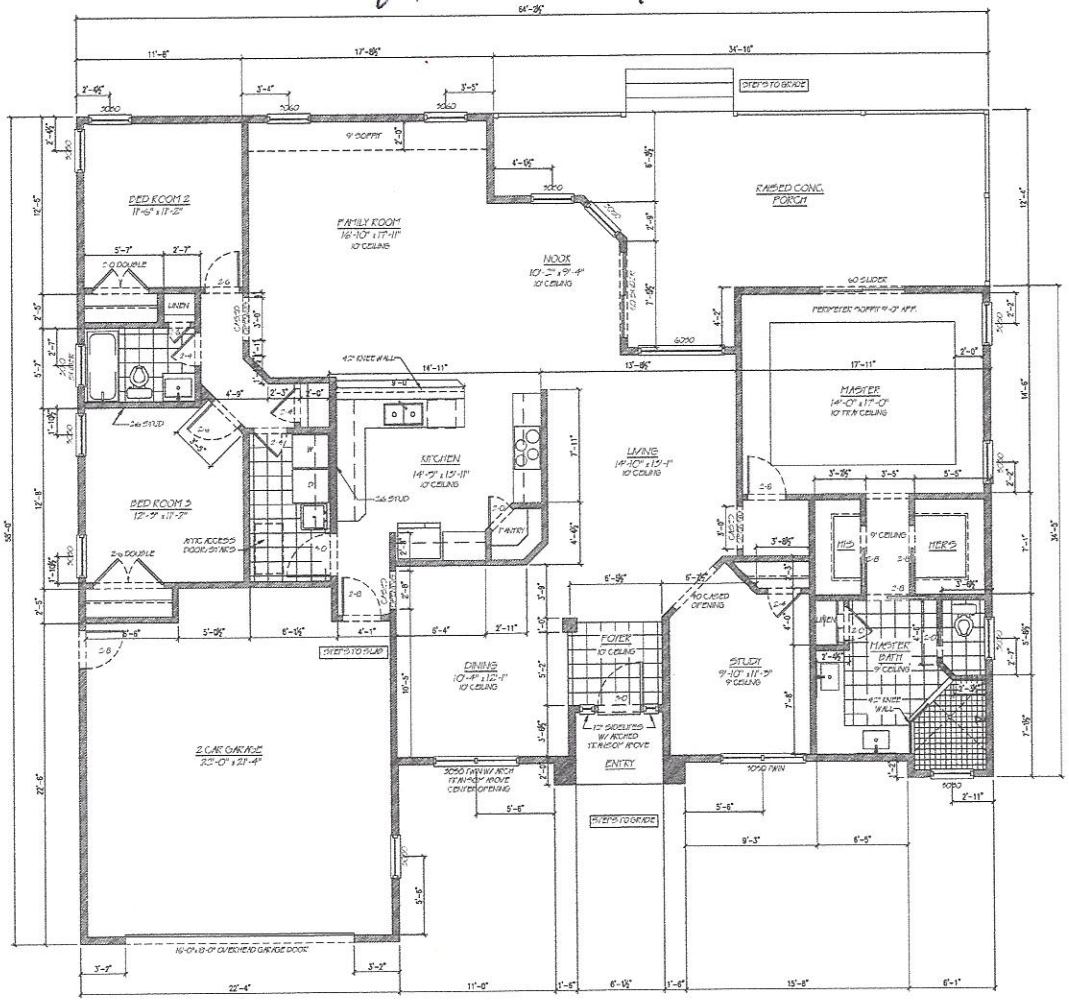
B ROOF PLAN
SCALE: 3/8" = 1'-0"



1 CORNICE DETAIL
SCALE: 1/2" = 1'-0"



2 COLUMN DETAIL
SCALE: 1/2" = 1'-0"



A FLOOR PLAN
SCALE: 1/4" = 1'-0"

PLAN NORTH

GENERAL NOTES:
1. ALL DIMENSIONS ARE TO STUDS UNLESS OTHERWISE NOTED.
2. ALL DOOR OPENINGS ARE TO BE LOCATED 5" FROM THE FINISHED FACE OF WALL (HINGE SIDE) UNLESS NOTED OTHERWISE (U.N.O.).

SQUARE FOOTAGE:	
INTERIOR/HEATED	2,264
GARAGE	526
OUTDOOR/COVERED	439
TOTAL SQ. FT.	3,229

LOT 17 RIVERWALK

FLOOR PLAN, ROOF PLAN & DETAILS

DG Custom Homes, LLC.

DESIGN STUDIO A
JEFF N. REIMANN
DRAWN BY:
DATE: JULY 25, 2011

A-2

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

Zoning Permit

Permit Number: 166463ZO

Printed: 5/6/2011

Master #: 166463

Associated Permits:

166463ZO Zoning

Applicant

Name: DG Custom Homes **Phone:** 704-400-2307

Address: 182 N. Main St
Mooresville, NC 28117

Parcel

Parcel Number: 3774734480.000 **Zoning:** RA

Address: 106 Pier Point Dr. **Township:** 1400
Statesville, NC 28625 **Area:**

Subdivision: **Lot(s):**

Directions to Parcel: I40 W, RIGHT ON sHARON sCH TO sTEWART rOCK rD L T fULBRIGHT L TO rIVERCLIFF LOT ON RIGHT

Owners

Purchasing from

Name: Johanna Daleo **Phone:** 914-489-6079

Address: 113 mountain Rest Rd
New Taltz, NY 12561

Contractors

Fees and Receipts:

Number	Description	Amount
FEE-229568-07	Zoning - Permit / Inspection	$75.00
FEE-229569-07	Technology and Administrative Fee	$0.03
FEE-229570-07	Environmental Health - Type I or II System	$485.00
	Total Fees:	**$560.03**
REC-124286-07		$560.03
	Total Receipts:	**~~$560.03~~**

Conditions

56225