IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER

201350

Issue Date: 03/03/2014

Permit Type: IMPROVEMENT PERMIT APPLICATION

Parcel Number	Street Address	Jurisdiction
4637223258.000	210 PATTERNOTE ROAD	MOORESVILLE

Owner Information	Applicant Information	Contractor Information
Owner: ROSE CHARLES W Address: 199 PATTERNOTE RD MOORESVILLE, NC 28117 Phone:	Applicant: LAKESHORE HOLDINGS LLC Address: 295 LAKE MIST DRIVE MOORESVILLE, NC 28117 Phone: 704-799-0634	Contractor: LAKESHORE HOLDINGS LLC Address: 295 LAKE MIST DRIVE MOORESVILLE, NC 28117 Phone: License Type License Number

Project Description

NEW SINGLE FAMILY - IREDELL

Scope of Work

SFD

Permit Details:

	IMPROVEMENT PERMIT FEE	Amount:	500.00
	IMPROVEMENT PERMIT FEE	Amount:	710.00
		Amount:	
		Amount:	
		Amount:	
		Amount:	
		Amount:	

I hereby certify that all information in this application is correct and all work will comply with the state code and all other applicable state and local laws, ordinances and regulations. The respective department will be notified of any changes in the approved plans, a change of contractor, and/or specifications for the project permitted herein. This application becomes a permit only when validated and approved.

Date: 03/03/2014

Signature of Owner/Contractor

ANY PERMIT ISSUED EXPIRES SIX (6) MONTHS AFTER ISSUANCE IF NO INSPECTIONS HAVE BEEN MADE. ANY PERMIT ISSUED SHALL EXPIRE TWELVE (12) MONTHS AFTER LAST INSPECTION IF THE WORK IS DISCONTINUED.

Permit Number	7205	TOTAL FEES:	$ 1,210.00

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
201350
Issue Date: 01/22/2014

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4637223258.000	210 PATTERNOTE ROAD, MOORESVILLE, NC 28117	MOORESVILLE

Owner Information	Applicant Information
Owner: ROSE CHARLES W	Applicant: LAKESHORE HOLDINGS LLC
Address: 199 PATTERNOTE RD MOORESVILLE, NC 28117	Address: 295 LAKE MIST DRIVE MOORESVILLE, NC 28117
Phone:	Phone: 704-799-0634

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.050	35.00	35.00	15.00	15.00	CACL	X

Remarks:

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	5037	TOTAL FEES:	$ 77.25

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4637-22-325
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lake Shore Holdings LLC — APPLICATION DATE 1-21-14
ADDRESS: 295 Lake Rist Dr Mooresville NC — DATE EVALUATED: 2-21-14
PROPOSED FACILITY: 4 BRM — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: 1.05ac
LOCATION OF SITE: 210 Patternote Rd Mooresville — PROPERTY RECORDED: yes
WATER SUPPLY: [X] Private [ ] Public [ ] 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	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
B 1	SS 4% OLD ROAD BED	0-4	B CL WFSBk	Fr SS,SP SExP		48"	-	-	PS
		4-8	R C Compacted	Fi,SI,SP SExP					
		8-42	R C WFSBk	Fr,SS,SP SExP	Com mica				.3
		42-48	R CL WFSBk	Fr SS SP SExP	few Sap				
B 2	SS 6%	0-4	B CL WFSBk	Fr SS SP SExP		44"	PS	-	PS
		4-16	R C WFSBk	Fr SS SP SExP					
		16-44	YR CL WFSBk	Fr SS SP SExP	many Sap				.35
		44-48	Var FSL Sap M	Fr SS SP SExP	many R CL Incl				
B 3	SS 12%	0-2	B CL WFSBk	Fr SS SP SExP		48"	-	-	PS
		2-26	R C/CL WFSBk	Fr SS SP SExP	few Iron Sap				.3
		26-48	YR CL WFSBk	Fr SS SP SExP	Common Sap				
B 4	SS 12%	0-19	R C MFSBk	Fr SS SP SExP		48"	-	-	PS
		19-48	R CL WFSBk	Fr SS SP SExP	com Sap				.3-.35

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	LP PRBPS	LP PRBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ALP
OTHER(S) PRESENT: None

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

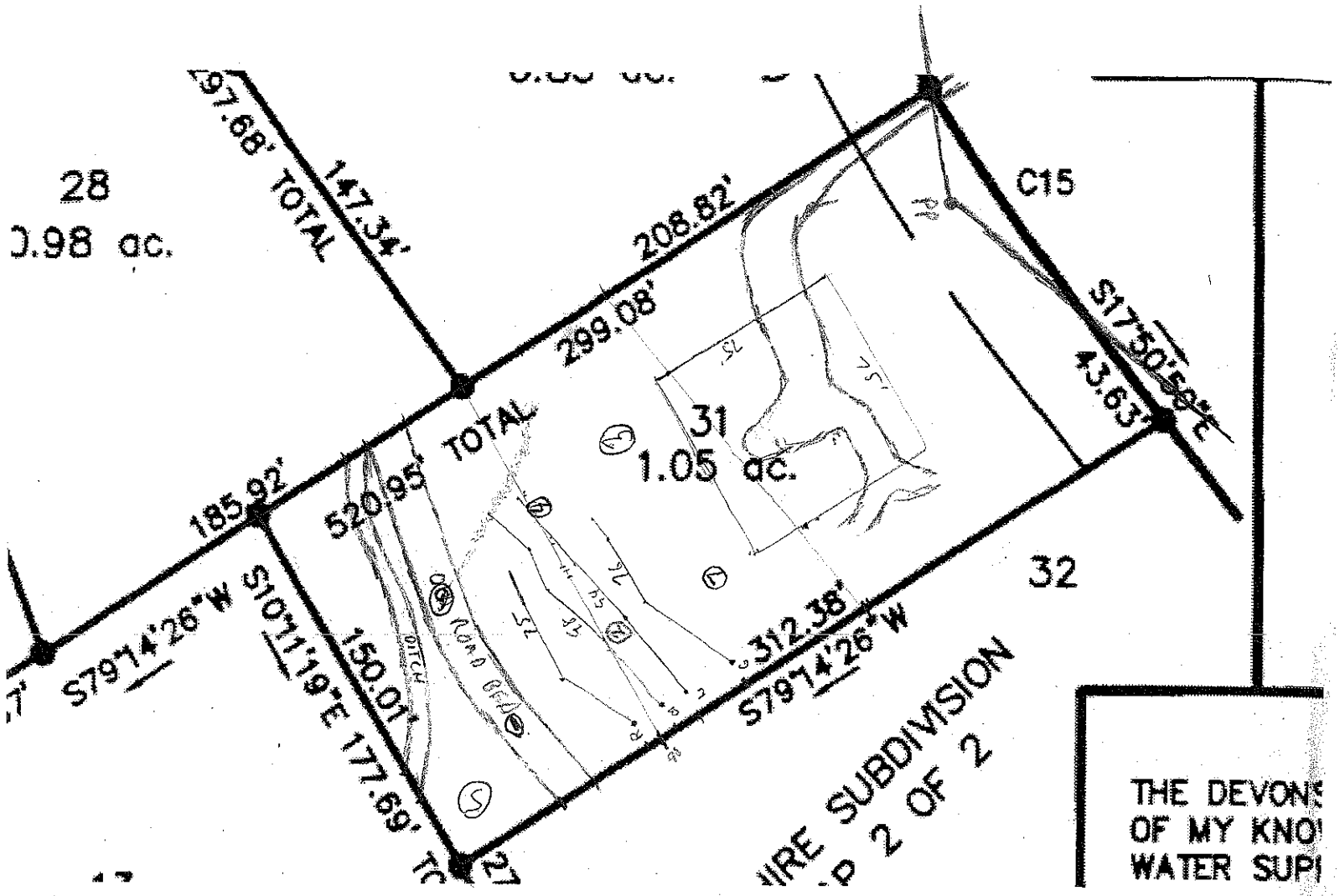
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4627-22-3258
DATE OF EVALUATION: 2-21-14
COUNTY: Iredell

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
B5	NS 3%	0-6	RB CL WFSBK	Fr, SS, SP SEXP		48"	-	-	PS .3
		6-26	RC MFSBK	Fr, SS, SP SEXP					
		26-44	RC WFSBK	Fr, SS, SP SEXP					
		44-48	RCL WFSBK	Fr, SS, SP SEXP	Few Sap				
B6	NS 4% DID ROAD BEP	0-48	RCMF/WFSBK	Fr SS SP SEXP		48"	-	-	PS .3
B7	SS 5%	0-11	RL WFSBK	Fr, SS, SP SEXP	com/many Mn incl.	48"	-	-	PS .275
		11-48	RL WFSBK	Fr, SS, SP SEXP					

COMMENTS:

https://rodweb2.co.iredell.nc.us/esearch/HTML5Viewer/Imag



98
94
76

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 #
Lakeshore Holdings, LLC	295 Lake Nst Dr NC 28117 Mooresville	919 389-4500	
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
210 Patternoak Rd Mooresville NC 28117	Devonshire	lot 31

Driving Directions: Brawley School Rd to Right on Blume Rd, make right on Patternoak, Lot is on Right

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 ___
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 3024
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: _____ 4/15/14
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

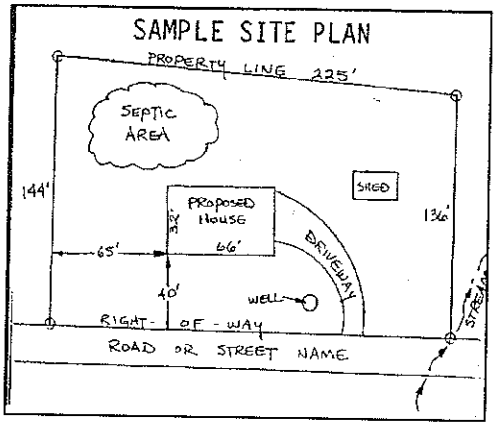
ENVIRONMENTAL HEALTH DIVISION

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:

( ) Property Line measurements are clearly identified
( ) All proposed structures are indicated
( ) Front and side setbacks from property line
( ) Preferred driveway location and well location
( ) Area you prefer your septic system to be placed
( ) 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
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

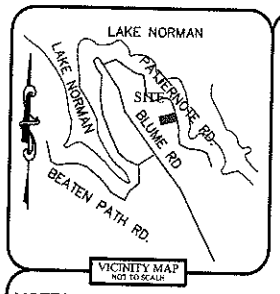
See Site Plan

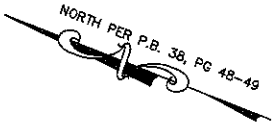
Signature: _____

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

4/15/14

DATE





LINE TABLE		
LINE	LENGTH	BEARING
L1	43.63	S17°50'50"E

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CHORD BRG
C1	106.98	840.65	106.91	S14°19'18"E

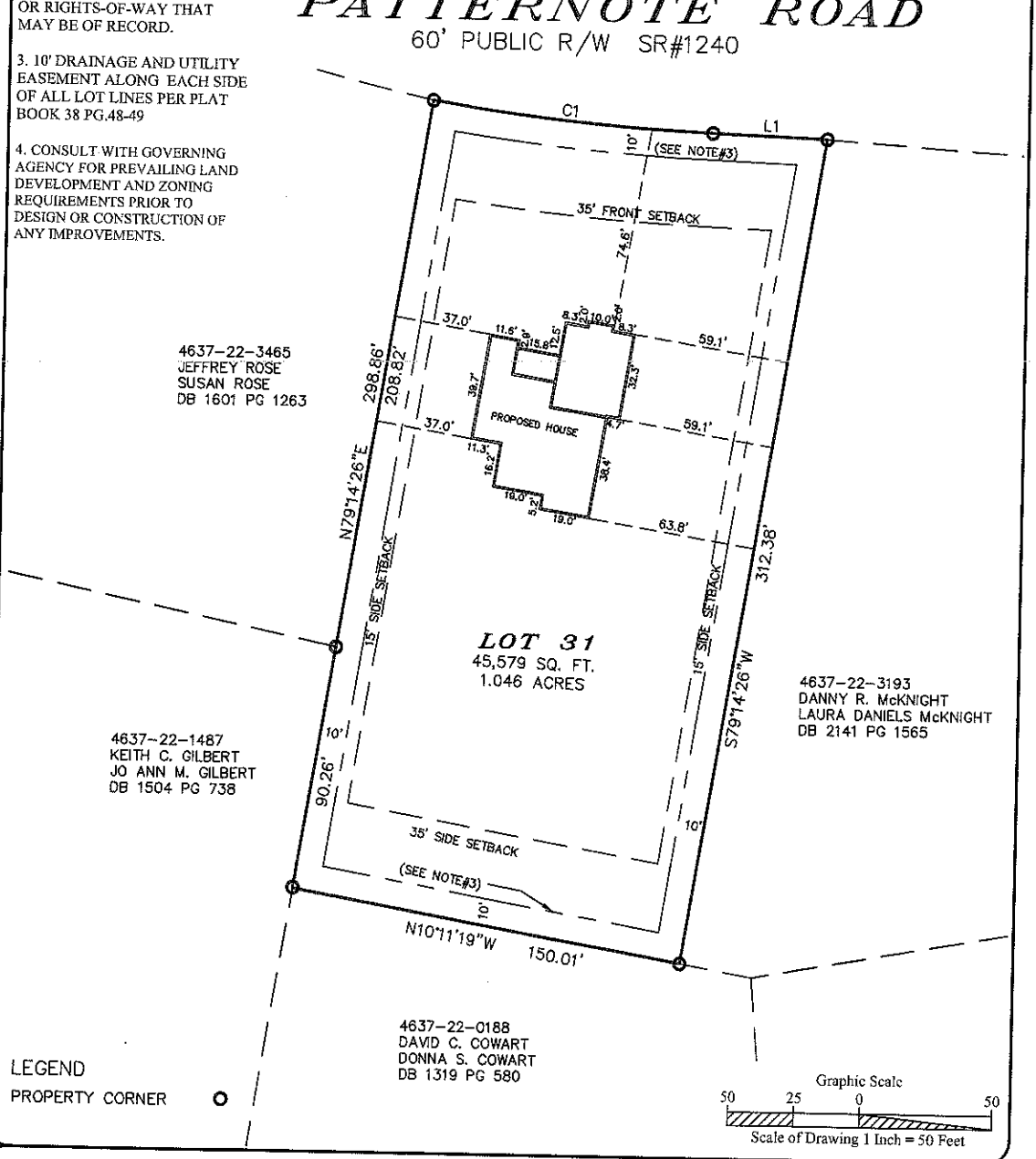
NOTES:

1. NO NCGS MONUMENT FOUND WITHIN 2000'

2. PROPERTY MAY BE SUBJECT TO OTHER COVENANTS, RESTRICTIONS, EASEMENTS OR RIGHTS-OF-WAY THAT MAY BE OF RECORD.

3. 10' DRAINAGE AND UTILITY EASEMENT ALONG EACH SIDE OF ALL LOT LINES PER PLAT BOOK 38 PG.48-49

4. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.



LEGEND

PROPERTY CORNER ○

Graphic Scale

50 25 0 50

Scale of Drawing 1 Inch = 50 Feet

Site Plan for Lot 31 of Devonshire Subdivision, Map 1

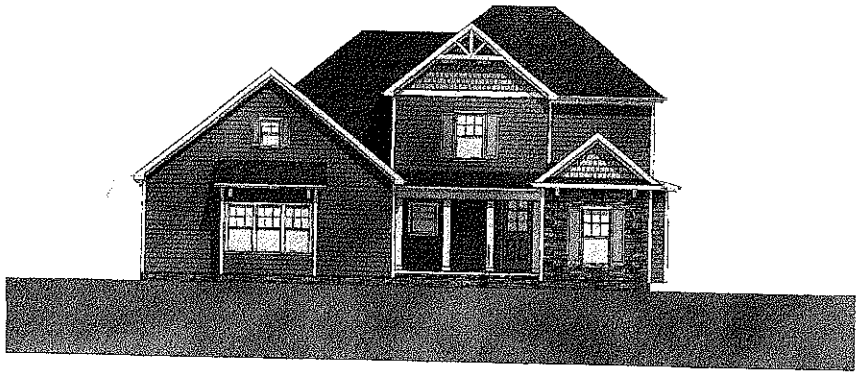
Professional Property Surveyors, Inc.
18335 Old Statesville Road
Ste. A, Cornelius, N.C. 28031
704-765-5134 Phone/Fax
Firm Liscense: C-3666

Prepared for:
Lakemist Homes

As Recorded in
PB.38 PG.48-49
DB.1309 PG.75

Site Address:
210 PATTERNOTE ROAD
MOORESVILLE, NC 28117
IREDELL COUNTY

012214-02	JEC	≥ 1:10,000	1"=50'	4637-22-3258	SITE PLAN -210r	1 of 1	04/11/2014
Job No.	Prepared By	Error of Closure	Drawing Scale	Tax Parcel Number	Drawing File Name	Sheet Number	Date





Pickett Residence

LAKEMIST HOMES

VISUAL DESIGN
VISUAL DESIGN & DRAFTING

LAKEMIST HOMES
Pickett Residence

REVISIONS

NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION.

FOUNDATION NOTES

1. ALL FOOTINGS ARE TO BE 20" x 10" UNLESS OTHERWISE NOTED. THREE STORY RESIDENCES ARE TO HAVE 24" x 12" FOOTINGS. REINFORCING AS NOTED.

2. ALL INTERIOR PIERS ARE 16" x 8" CMU CAPPED WITH 4" SOLID MASONRY ON ONE STORY STRUCTURES OR 8" ON TWO STORY STRUCTURES UP TO 32" HIGH. ALL PIERS OVER 32" HIGH MUST BE FILLED WITH TYPE S MORTAR. MAXIMUM HEIGHT FOR A 16" x 8" PIER IS 8'8".

3. FOOTINGS FOR 16" X 8" PIERS ARE 36" x 24" x 10" UNLESS NOTED OTHERWISE. REINFORCE AS NOTED ON PLANS.

4. DESIGN LOADS ARE ALL DEAD LOADS PLUS:

(A) ROOF LIVE LOAD - 20 LBS. PER SF. OR AS REQUIRED BY CODE
(B) MAIN FLOOR LIVE LOADS - 40 LBS. PER SF.
(C) BERMS FOR FOOTINGS ON ORIGINAL SOLID GROUND IS 2,000 LBS. PER SF. UNLESS OTHERWISE NOTED
(D) WIND LOAD IS 85 MPH EQUIVALENT TO 17.3 LBS. PER SF. OR AS REQUIRED BY CODE
(E) EARTHQUAKE IS PER NORTH CAROLINA CODE
(F) WIND LOAD GOVERNS OVER EARTHQUAKE UNLESS NOTED OTHERWISE NOTED
(G) SNOW LOAD IS 20 LBS. PER SF. OR AS PER CODE WHERE APPLICABLE
(H) ALL DESIGNS ARE IN ACCORDANCE WITH NC AND SC BUILDING CODES.
(I) ATTIC CEILING UNDER ROOF SLOPES > 3:12 20 LBS. PER SF.
ATTIC CEILING UNDER ROOF SLOPES < 3:12 10 LBS. PER SF.

5. WAFFLE SLABS ARE SELF SUPPORTING SLABS REINFORCED ACCORDING TO DETAILS AND DO NOT REQUIRE FIRM SOIL FOR SUPPORT. SOIL MUST ONLY BE CAPABLE OF SUPPORTING CONCRETE UNTIL IT HARDENS AND DEVELOPS STRENGTH.

6. CONCRETE SHALL BE 2,500 PSI IN 28 DAYS UNLESS NOTED OTHERWISE

7. ALL REBAR SPLICES SHALL BE A MINIMUM OF 24" UNLESS NOTED OTHERWISE

8. CAISSON FOUNDATIONS USE 12" ANNIMUM DIAMETER DRILLED CONCRETE UNREINFORCED TO A DEPTH WITH A MINIMUM OF 24" PENETRATION INTO GOOD ORIGINAL GROUND. DEPTH OF DRILLING IS LIMITED TO 15'-0" THEREFORE NO POOR MATERIAL MORE THAN 12'-0" OF DEPTH IS SUITABLE FOR A CAISSON FOUNDATION. CAISSON CANNOT BE USED IF WATER RISES IMMEDIATELY INTO DRILLED HOLES. PILE WILL HAVE TO BE USED IN THIS CASE.

9. 8" MINIMUM DIAMETER TREATED WOOD PILES WITH A MINIMUM DESIGN LOAD OF SIX TONS ARE USED FOR ALL FOUNADATIONS WITH UNSUITABLE SOIL DEEPER THAN 15'-0" OR WITH INRUSHING WATER IN DRILLED CAISSONS, DRIVE AS PER NORTH CAROLINA CODE

10. SIZES AND REINFORCING FOR FOOTING CAPS OVER CAISSONS OR PILES SHALL BE AS SHOWN ON PLANS.

11. MASONRY CHIMNEY FOOTINGS ARE TO BE 12" LARGER THAN FOOTPRINT X 12" THICK.

12. WALLS BACKFILLED WITH DIRT SUPPORTING FRAMING ABOVE

(A) FOR EARTH FILL UP TO 4'-0" MAXIMUM HEIGHT USE 8" CMU OR 6" BRICK WITH BITHUTENE MEMBRANE WATERPROOFING ON EXTERIOR. FOOTING 20" x 10" OR 24" x 12" AS NOTED ON PLANS.

(B) FOR EARTH FILL 4'-0" AND HIGHER UP TO A MAXIMUM OF 9'0" USE 24" x 12" FOOTING WITH #4 @ 16" O.C. DOWLES HOOKED IN FOOTING AND PROJECTIONG 18" ABOVE FOOTINGS. USE 12" CMU WALLS WITH #4 @ 16" O.C. VERTICALBARS LOCATED 4" FROM NON DIRT FILL FACE, LAP ALL SPLICES 12" AND USE DUR-O-WALL HORIZONTAL REINFORCING EVERY 8" IN CMU JOINTS. INSTALL 5 - #3 L-BAR WITH 24" LEGS IN EVERY OTHER JOINT HORIZONTALLY AT ALL CORNERS. LO AN CORNER BARS @ 16" OC VERTICALLY. FILL WITH 3,000 PSI CONCRETE. INSTALL WATERPROOF BITHUTHENE MEMBER, OR EQUAL. ERECT ALL FRAMING BEFORE BACKFILLING.

13. INTERIOR THICKENED SLAB FOOTINGS OCCUR IN BASEMENTS AND "SLAB ON GRADE" FLOORS ARE 10" DEEP BY 16" WITH 2-#4 REINFORCING BARS RUNNING CONTINUOUSLY UNLESS NOTED OTHERWISE. THICKENED FOOTINGS ARE REQUIRED UNDER ALL BEARING WALLS.

14. ELEVATION DIFFERENCE BETWEEN THE BOTTOM OF ADJACENT FOOTINGS SHALL BE LESS THAN THEIR HORIZONTAL DISTANCE LESS ONE FOOT. DIFFERENTIAL HEIGHTS BETWEEN FOOTINGS CAN BECOME EXCESSIVE USUALLY WHERE A PIER FOOTING IN A CRAWLSPACE OR GARAGE FOOTING IS NEXT TO A BASEMENT WALL FOOTIONG.

NOTE:

ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS- WHETHER WOOD OR STEEL- CANNOT BEAR ON SHEATHING ALONE. BLOCKING EQUAL TO OR GREATER THEN THE POINT LOAD SUPPORT ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION.

NOTE:

PROVIDE TERMITE TREATMENT UNDER ALL CONCRETE SLABS

NOTE:

ALL GRADE TO SLOPE AWAY FROM HOUSE. PROVIDE 6" DIA. PERFORATED FOOTING DRAIN THROUGHOUT ENTIRE PERIMETER OF HOUSE WITH GRAVEL BED AND BACKFILL. FOOTING DRAIN TO ALSO SLOPE AWAY FROM HOUSE.

NOTE:

THE FOLLOWING AREAS SHALL HAVE THE NOTED MINIMUM CLEARANCES ABOVE EARTH:

A) GIRDERS: 12" ABOVE EARTH
B) FLOOR JOISTS: 18" ABOVE EARTH
C) SIDING: 6" ABOVE GRADE
D) WOOD SILLS: 8" ABOVE GRADE

NOTE:

THE FOLLOWING AREAS SHALL BE INSULATED WITH THE R-VALUE AS LISTED:

A) CONCRETE SLABS: 24" OF R-5 INSULATION ALONG PERIMETER OF SLAB MINIMUM
B) EXTERIOR WALLS: MINIMUM R-15 INSULATION VALUE
C) FLOORS @ CRAWLSPACE AND UNHEATED AREAS: R-19 MINIMUM VALUE
D) CEILINGS: MINIMUM R-30 INSULATION VALUE

FRAMING CONSTRUCTION - OTHER THAN ROOF

1. CRAWL GIRDERS AND BAND WITH 4" CURTAIN WALL AND PIER CONSTRUCTION SHALL BE 2-2x10 #2 SYP UNLESS NOTED OTHERWISE. MAXIMUM CLEAR SPAN TO BE 8'-9"

(A) NAILING:
I) ALL FLOOR JOISTS MUST BE TOENAILED TO THEIR SUPPORT GIRDERS WITH A MINIMUM OF 3- 8D NAILS AT EACH END.
II) IF DROP GIRDERS ARE USED, END LAP ALL JOISTS AND SIDE NAIL EACH WITH A MINIMUM OF 3- 16D NAILS AT EACH END OF JOISTS SPACED 3" APART.
III) RAIL MULTIPLE MEMBERS OF BUILT UP GIRDERS WITH TWO ROWS OF 16D NAILS STAGGERED AT 32" OC, 2" DOWN FROM TOP AND 2" UP FROM BOTTOM WITH 3- 16D NAILS AT EACH END OF EACH PIECE IN THE JOISTS THROUGH THE MEMBERS MAKING UP THE MULTIPLE GIRDER.
IV) THIS NAILING PATTERN WILL INSURE A TIGHT FLOOR OUTSIDE OF HOUSE SO THAT WHEN FRAMING SHRINKS DURING FIRST HEATING SEASON THE SHRINKAGE WILL BE UNIFORMLY DISTRIBUTED OVER THE ENTIRE FLOOR.

(B) AT ALL GIRDERS WHERE JOISTS CHANGE DIRECTION INSTALL BRIDGING AT 6- 0" OC FOR A MINIMUM OF SIX JOISTS SPACING BEYOND ANY JOIST DIRECTION CHANGE. THIS WILL INSURE SHRINKAGE DISTRIBUTION OVER THE FLOOR AND NOT LET IT ACCUMULATE AT THE GIRDER.

(C) THERE MUST BE WOOD BLOCKING THRU-BOLTED TO THE STEEL BEAM WITH JOISTS TOENAILED OR ATTACHED TO THE BEAM WITH METAL JOIST HANGERS UNDER ANY HARDWOOD FLOOR THAT PASS OVER A STEEL BEAM SUPPORTING FLOOR JOISTS.

2. ALL EXTERIOR WALL STUDS SHALL BE 2x4's AT 16" OC UNLESS OTHERWISE NOTED. ALL INTERIOR WALLS SHALL BE 2x4's AT 16 OC UNLESS OTHERWISE NOTED. ALL LUMBER CAN BE SPRUCE #2 UNLESS OTHERWISE NOTED. CORNERS AND WALL INTERSECTIONS TO BE SOLID BLOCKED.

3. STEEL BEAMS MUST HAVE 5 STUD JACKS UNDER EACH END SUPPORT UNLESS OTHERWISE NOTED.

4. MICROLLAM BEAMS MUST HAVE #3 STUD JACKS UNDER EACH END SUPPORT UNLESS OTHERWISE NOTED.

5. MASONRY LINTELS:

A) FOR SPANS UP TO 6'-0" USE 3 1/2" x 3 1/2" x 1/4" STEEL ANGLES.
B) FOR SPANS 6'-0" TO 9' USE 5" x 3 1/2" x 5/16" STEEL ANGLES
C) FOR SPANS FROM 9' TO 18' USE 3 PAIR OF 9 GAUGE WIRE IN FIRST THREE COURSES OF BRICK ON A 5" x 3 1/2" x 5/16" STEEL ANGLE. LAP ALL 9 GAUGE WIRE SPLICES 12" MINIMUM INTO JAMBS.
D) WHEN STRUCTURAL STEEL BEAM WITH BOTTOM PLATES ARE USED TO SUPPORT MASONRY, THE BOTTOM PLATE MUST EXTEND THE FULL LENGTH OF STEEL BEAM. THIS PROVIDES SUPPORT TO THE ENDS OF THE PLATE BY BEARING ON THE ADJACENT MASONRY JAMES. THE BEAM SHOULD BE TEMPORARILY SHORED PRIOR TO LAYING TO ANY MASONRY. THE SHORING MAY BE REMOVED 5 DAYS AFTER LAYING MASONRY.

6. ALL BRICK VENEER OVER LOWER ROOFS MUST HAVE STRUCTURAL ANGLE LAG SCREWED TO ADJACENT STUD WALL IN ACCORDANCE WITH DETAIL WITH BRICK STOPS TO PREVENT FROM SLIDING.

7. ALL WOOD I-JOISTS AND OPEN JOISTS MUST BE BRACED IN ACCORDANCE WITH MANUFACTURERS DIRECTION PLUS DETAILS SHOWN ON PLANS. LOAD BEARING PARTITIONS, JACKS, BEAMS AND COLUMN SUPPORTS MUST BE SOLID BLOCKED THROUGH THE FLOOR TO CARRY LOADS TO SUPPORTING MEMBERS AND WALL TO FOUNDATION. I-JOISTS, TRUSSES AND PLYWOOD CANNOT CARRY CONCENTRATED LOADS. ALL POINT LOADS MUST BE CARRIED TO FOUNDATION WITH BLOCKING AND/OR BEAMS.

8. ALL RAFTER BRACES MUST HAVE 2 STUDS FROM PLATE TO FOUNDATION OR BEAM BELOW THEM AT ALL FLOORS. NO BRACES ON CEILING PLATE WITHOUT STUDS DIRECTLY UNDER THEM.

9. WHERE PARTITIONS FALL BETWEEN FLOOR TRUSSES, 2x4 LADDERS @ 16" OC MUST BE PLACED PERPENDICULAR TO THE TRUSSES TO SUPPORT THE PLYWOOD DECKING.

10. ON ALL OPEN WEB FLOOR TRUSSES OVER 16' - 0" SPAN A MINIMUM SINGLE LINE OF 2 x 6's SHALL BE NAILED TO DIAGNOL MEMBERS OR VERTICAL MEMBERS AT MID SPAN.

11. WHERE CEILING JOISTS ARE PARALLEL TO EXTERIOR WALLS AND RAFTERS BEAR ON STUD WALL TOP PLATE ADJACENT TO CEILING JOISTS, BRACE RAFTERS AND TOP PLATE TO 2 x 6 HOSS 6' LONG MINIMUM ON 8' CENTERS ALONG LENGTH OF CEILING JOISTS. BRACES SHOULD BE AT APPROXIMATELY A 45 DEGREE ANGLE.

12. UNLESS NOTED OTHERWISE ON PLANS, ALL EXTERIOR FACING STUD WALLS TALLER THAN 10' - 0" SHALL CONSTRUCTED AS FOLLOWS:

A) WALLS 10' 0" TO 12' 0" HIGH: BALLOON FRAME 2 x 4 STUDS AT 12" OC WITH 1/2" OSB SHEATHING AND 3 KING STUDS ON EACH SIDE OF EACH OPENING NAILED SECURELY TO THE HEADER.

B) WALLS 12' 0" TO 20'-0" HIGH BALLOON FRAME 2 x 6 STUDS AT 16" OC (1/ 2" OSB SHEATHING REQUIRED FOR WALL HEIGHTS GREATER THAN 17' 6"). PROVIDE 2 - 1 3/5" x 5 1/4" LVL KING STUDS ON EACH SIDE OF OPENINGS 3' TO 6' WIDE AND 2- 2 x 6 KING STUDS FOR OPENINGS LESS THAN 3' WIDE. FASTEN KING STUDS SECURELY TO ALL HEADERS WITH A MINIMUM OF 12- 16D NAILS.

C) GABLE END WALLS OF ROOMS WITH VAULTED CEILING JOISTS: BALLOON FRAME WALL AND PROVIDE TRIPLE KING STUDS ON EACH SIDE OF OPENING, NAILED SECURELY TO THE HEADER.

D) TWO-STORY HIGH FOYER WALLS LESS THAN 9' WALL: EXTEND 3 1/2" X 9 1/4" PARALLAM PSL MEMBER WITH 3- 2 x 4 FLAT PLATES ACROSS THE ENTIRE WALL. LOCATE THE BEAM NEAR MID HEIGHT OF WALL AT OR NEAR FIRST FLOOR TOP PLATE.

NOTE: SEE SPECIAL DESIGN OR ENGINEER FOR WALLS TALLER THAN 20'-0". WHEN OPENINGS IN HIGH WALLS EXCEED 6' IN WIDTH, OR IF WALL CANNOT BE CONSTRUCTED USING ANY OF THE METHODS MENTIONED.

13. LOWER STUD WALLS FOR BUILDINGS OVER TWO STORIES:

A) INTERIOR WALLS
1) LOAD BEARING — 2 x 4's @ 12" OC
2) NON LOAD BEARING — 2 x 4's @ 16" OC

B) EXTERIOR

USE 2 x 6 @ 16" OC WITH 1/2" x 4' x 8' PLYWOOD SHEATHING AT ALL CORNERS AND EVERY 25', OR USE 2 x 4 @ 12" OC WITH 1/2" PLYWOOD SHEATHING SOLID ON WALLS.

14. HEADERS SHALL BE SHOWN UNLESS NOTED OTHERWISE ON PLANS;

A) INTERIOR
1) SPANS UP TO 2'-6" — 2- 2 x 6's
2) SPANS 2'-6" TO 3'-6" — 2- 2 x 8's
3) SPANS 3'-5" TO 6'-6" — 2- 2 x 10's
4) SPANS 6'-6" OR MORE — SEE PLAN

B) EXTERIOR
1) SPANS UP TO 2'-0" — 2- 2 x 6's
2) SPANS 2'-0" TO 3'-0" — 2- 2 x 8's
3) SPANS 3'-0" TO 5'-0" — 2- 2 x 10's
4) SPANS 5'-0" OR MORE SEE PLAN.

15. AT ALL BAY WINDOWS EACH PANEL SHALL BE NAILED TO EACH ADJACENT PANEL WITH 5- 16D NAILS OR TIED TOGETHER WITH METAL STRAPPING NAILED AT FOUR LOCATIONS BETWEEN FLOORS WITH A MINIMUM OF 2- 16D NAILS INTO EACH PANEL AT EACH STRAP.

16. AT ALL STAIRS EVERY STUD AT EACH STRINGER MUST BE NAILED TO EACH STRINGER AT TOP OF BASE MOLDING DUE TO VERTICAL OSCILLATION OF STAIR STRINGERS.

17. ROOF TRUSSES THAT HAVE NON-BEARING PARTITIONS PASSING UNDER THEM SHOULD BE NAILED TO THE PARTITION PLATES TO AVOID CEILING-WALL CRACKING.

18. NOTE TO APPLY TO ALL HARD COAT STUCCO EXTERIOR FINISHES:

STUCCO CODE REQUIREMENTS
1) JOINTS ARE NECESSARY AT THE FOLLOWING LOCATIONS
A) HORIZONTALLY AT EACH FLOOR LINE
B) NO AREAS LARGER THAN 144 SQUARE FEET EXPOSED SURFACE
C) NO DIMENSION LARGER THAN 18'-0"
D) NO DIMENSION LONGER THAN 2 1/2 TIMES THE SHORTEST DIMENSIONS
2) DRIP SCREED REQUIRED AT BOTTOM OF ALL WALLS 2" ABOVE PAVED AREAS AND 4" ABOVE GRADE.
3) SEE ASTM 926 AND 1063 FOR FURTHER INFORMATION

20. ALL STEEL COLUMNS SHALL BEAR ON CONCRETE, MASONRY, OR STEEL ONLY. AN ADEQUATELY SIZED BASE PLATE SHALL BE USED TO SPREAD THE COLUMN LOAD ACROSS THE BEARING SURFACE AREAS SO NOT TO EXCEED ITS ALLOWABLE COMPRESIVE STRESS. BEAMS THAT BEAR ON TOP OF STEEL COLUMNS SHALL BE WELDED TO THE COLUMN. BASE PLATES SHALL BE BOLTED WITH FOUR 1/2" DIAMETER ANCHOR BOLTS OR EXPANSION BOLTS TO CONCRETE OR MASONRY.

ROOF CONSTRUCTION NOTES

1. RAFTER - 2x6 @ 16" O.C. FOR SHINGLES EXCEPT AS NOTED. THEY ARE CUT INTO HIPS, RIDGES, ETC UNLESS OTHERWISE NOTED.
A) TILE, SLATE AND OTHER BEARING ROOF COVERINGS SHALL USE 2x8 @ 16" O.C. UNLESS NOTED OTHERWISE.

2. COLLAR TIES - 2x6 @ 48" O.C. AT ALL RIDGES UNLESS OTHERWISE NOTED AND A NORMAL 1'-0" BELOW THE RIDGE. VAULTED CEILINGS REQUIRE SPECIAL COLLAR TIE DETAILS. SEE PLAN AS REQUIRED.

3. THREE COLLAR TIES MINIMUM AT ALL RIDGES EVEN IF TWO COLLAR TIES MUST BE PUT ON ONE SET OF RAFTERS.

4. ⊗ INDICATES LOCATION OF RAFTER BRACE AT RAFTER LEVEL

5. ⊗ ARROW FROM BRACE INDICATES DIRECTION OF BRACE TO PARTITION / BEAM BELOW.

6. ⊗ ARROW INTO BRACE INDICATES A VERTICAL OR ALMOST VERTICAL BRACE

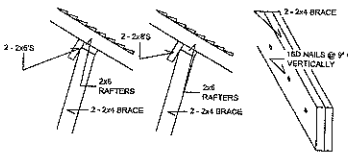
7. ALL BRACES ARE 2-2x4'S NAILED WITH 16D NAILS @ 8" O.C. VERTICALLY FROM TOP TO BOTTOM. BRACES LARGER THAN 10' - 0" MUST BE BRACED HORIZONTALLY IN TWO DIRECTIONS AT MID-HEIGHT.

8. ALL HIPS AND RIDGES ARE A SIZE LARGER THAN RAFTERS UNLESS NOTED OTHERWISE.

9. ALL HOGS ON CEILING JOISTS OR RAFTERS ARE 2 x 6 x 12'-0" UNLESS NOTED OTHERWISE. RAFTERS MAY BE SPLICED OVER HOGS.

10. MAXIMUM SPACING OF RAFTER BRACES - RAFTERS MAY BE SPLICED OVER HOGS WITH 2 - 2x4 BRACES.
FOR 2X6 HOG — 6'-0" O.C.
FOR 2x8 HOG — 7'-6" O.C.

11. DETAILS:



12. ALL ROOF TRUSSES MUST BE BUILT IN ACCORDANCE WITH TRUSS MANUFACTURES DIRECTION.

13. WITH NO ROOF PLAN - WITH FIBERGLASS SHINGLES AND 20 LBS PER SF LIVE LOAD ONLY:
USE 2x6 @ 16" O.C. RAFTERS SYP #2 UNLESS OTHERWISE NOTED.
MAXIMUM ALLOWABLE SPAN 12'-6" MEASURED HORIZONTALLY BASED ON A DEFLECTION OF LESS THAN L/180. USE 2-2x6 HOGS AT RAFTER WITH 2-2x4 BRACES AT 8'-0" MAXIMUM SPACING FOR SPANS OVER 12'-6". CARRY BRACES TO PARTITIONS OR BEAMS BELOW. NEVER BRACE RAFTER HOGS TO 2- 2x6 HOGS OR CEILING JOISTS UNLESS SHOWN ON PLANS. CUT IN ALL RAFTERS USING RIDGES, VALLEYS, ETC., ONE SIZE LARGER THAN RAFTER SIZE. ALL BRACE LOADS MUST GO TO FOUNDATION WITH A MINIMUM OF 2- 2x4 STUDS FLOWING FROM PARTITION PLATE TO BEAMS OR HOGS. FOR ROOF FRAMING OF DIFFERENT MATERIAL AND LIVE LOAD - SEE DESIGN ENGINEER.

14. GABLE END ROOF FRAMING MUST HAVE GABLE ENDS BRACED PARALLEL TO RIDGES WITH A MINIMUM OF 2x6 DIAGONAL BRACES @ 6'-0" O.C. ALONG GABLE WALL TO INTERIOR CEILING JOISTS. BRACES TO BEAR ON 2x6 HOGS AND ATTACHED TO GABLE WALL AT APPROXIMATELY MID HEIGHT OF GABLE WALL. BRACES SHALL BE AT APPROXIMATELY AT A 45 DEGREE ANGLE. OTHER BRACING MAY BE USED IF IT MEETS WITH DESIGN ENGINEERS APPROVAL

15. CEILING JOISTS WHEN ERECTED PARALLEL MAY BE SISTERED TO RAFTERS AND NAILED WITH 3 - 16D NAILS AT EACH RAFTER. IF A KNEE WALL IS USED AND CEILING JOISTS CANNOT TOUCH RAFTERS, THEN RAFTERS MUST BE BRACED TO CEILING JOISTS USING FRAMING CONSTRUCTION - OTHER THAN ROOF NOTES #11.

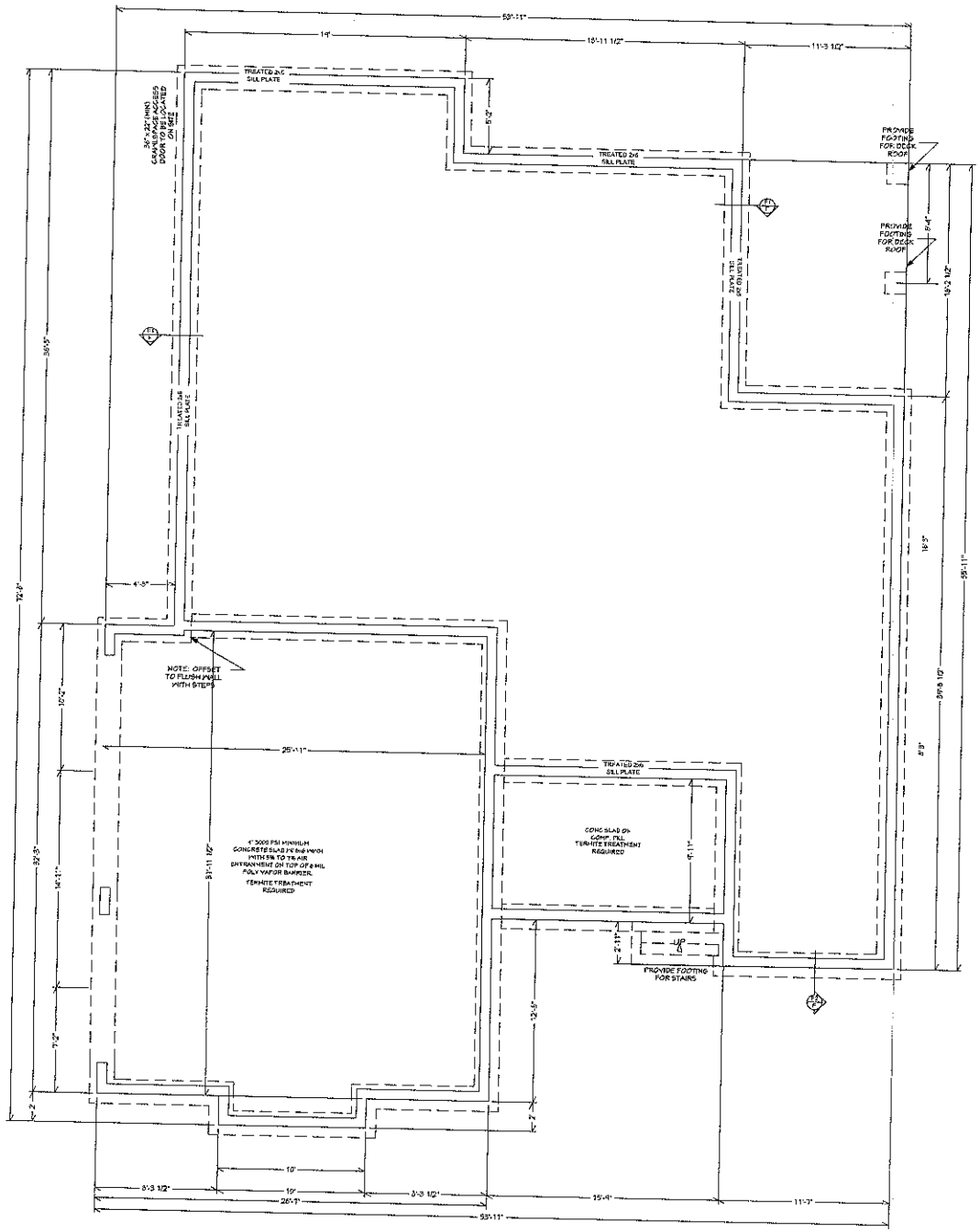
VISUAL DESIGN
VISUAL DESIGN & DRAFTING
3x6 Smoothcore Board w/ Vinyl
704-966-0007

LAKEMIST HOMES
Pickett Residence

REVISIONS

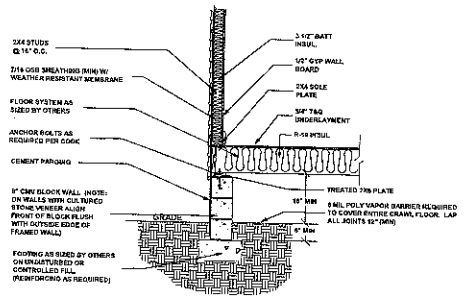
NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION.

GN



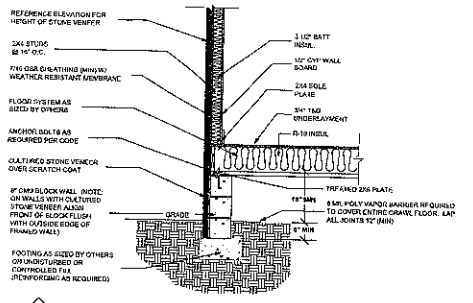
FOUNDATION/BASEMENT PLAN

SCALE: 3/16" = 1'0"



F1 / F — TYPICAL CRAWL W/ PARGED VENEER

SCALE: NTS



F2 / F — TYPICAL CRAWL W/ CULTURED STONE VENEER

SCALE: 1/4" = 1'-0"

VISUAL DESIGN

VISUAL DESIGN & DRAFTING

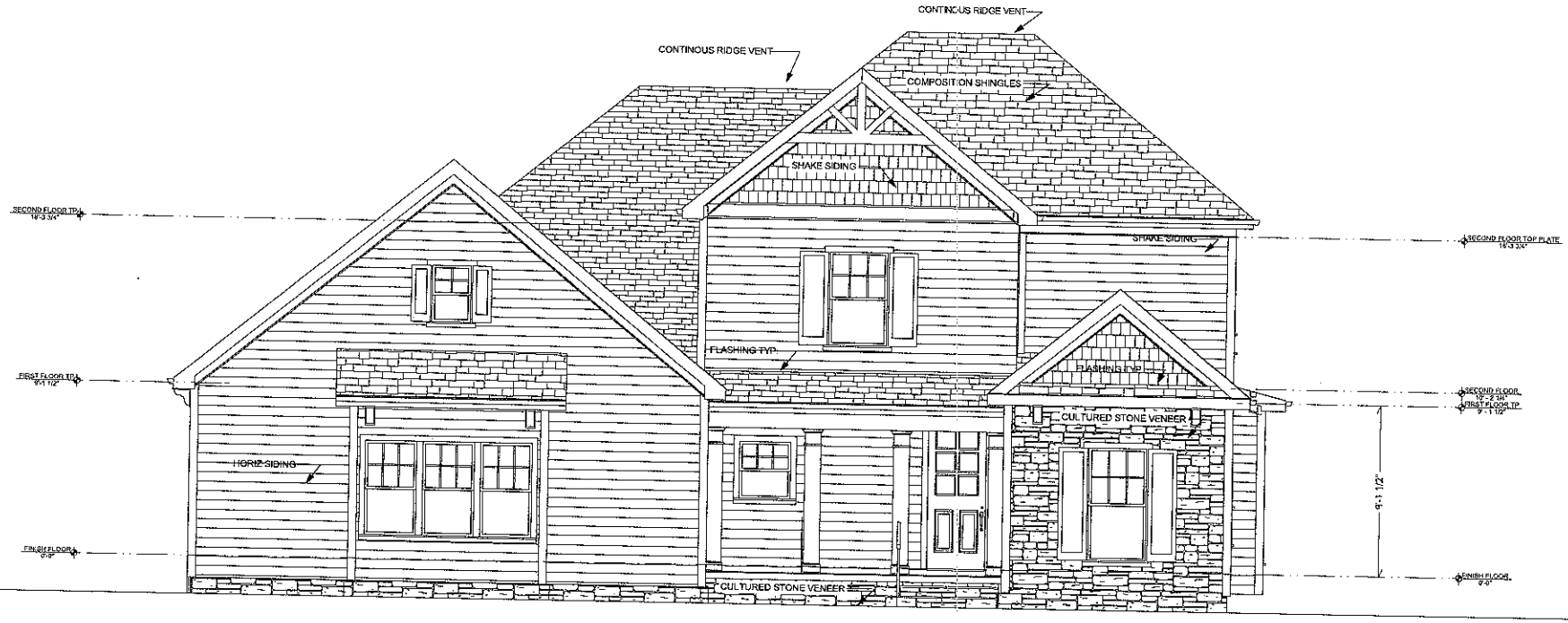
LAKEMIST HOMES

Pickett Residence

REVISIONS

NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION.

1



SQUARE FOOTAGE
873 S.F. GARAGE
1988 S.F. FIRST FLOOR
1036 S.F. SECOND FLOOR
3024 S.F. TOTAL HEATED

FRONT ELEVATION

SCALE: 1/4" = 1'-0"

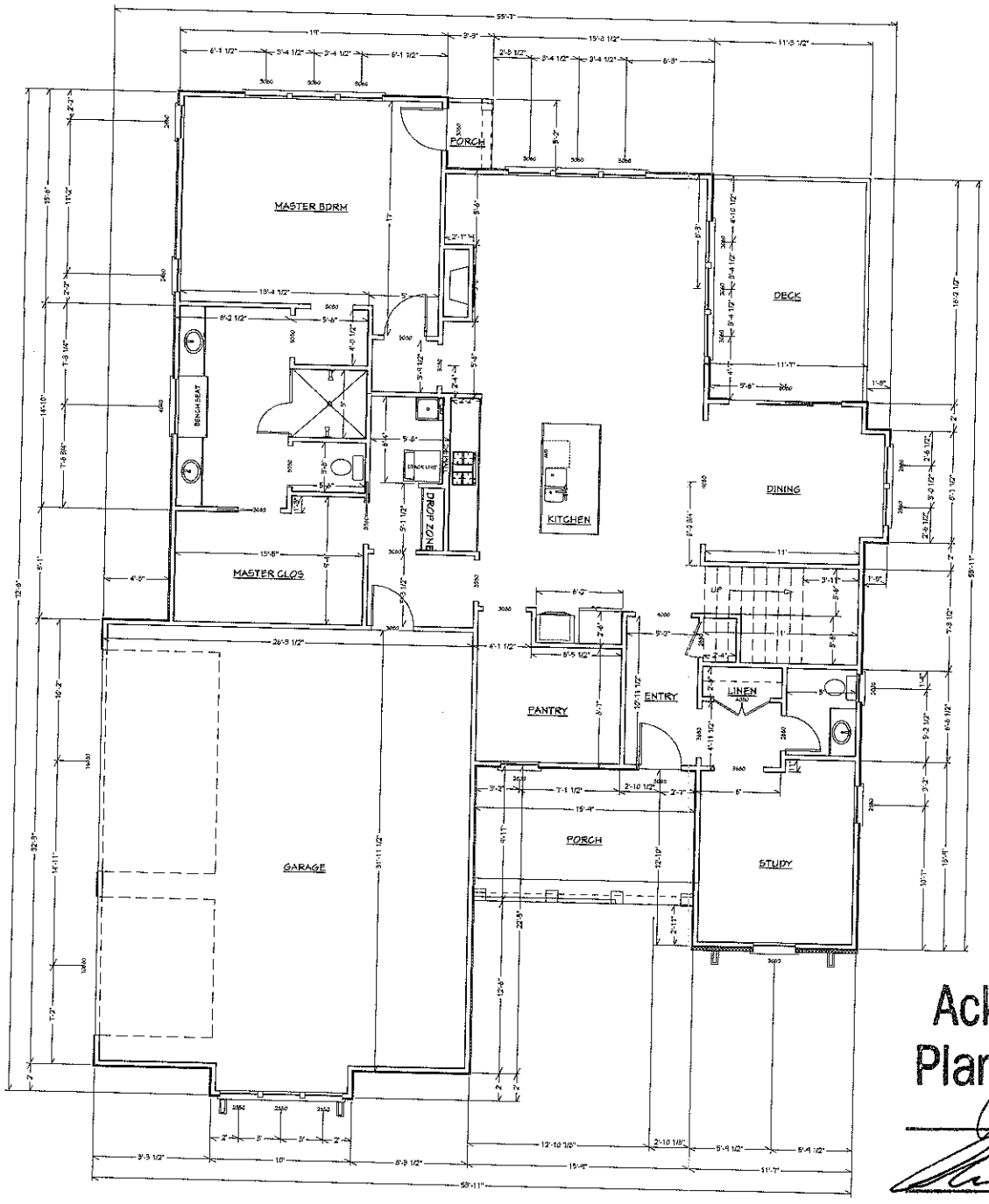
VISUAL DESIGN
VISUAL DESIGN & DRAFTING

LAKEMIST HOMES
Pickett Residence

REVISIONS

NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION.

2



Acknowledgement Of
Plans/Submittal ONLY!

Date 4/15/19

Date 4-16-19

FIRST FLOOR PLAN
SCALE 1/16" = 1'0"

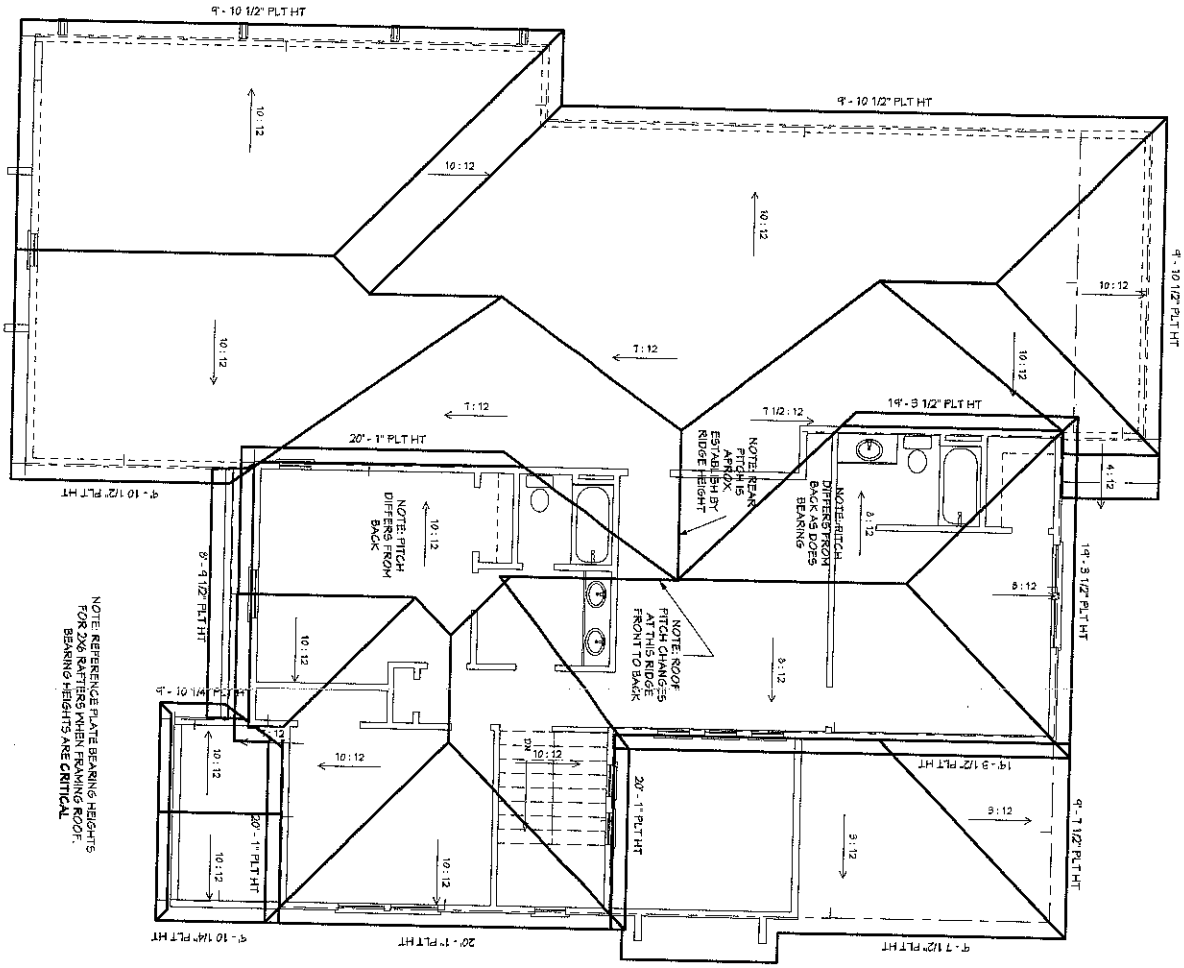
VISUAL DESIGN
VISUAL DESIGN & DRAFTING

LAKEMIST HOMES
Pickett Residence

REVISIONS

NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION.

Acknowledgement Of



ROOF PLAN

SCALE: 1/8" = 1'-0"

6

NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS, STRUCTURAL DETAILS, AND BUILDING CODES REQUIREMENTS PRIOR TO CONSTRUCTION

REVISIONS

LAKEMIST HOMES

Pickett Residence

VISUAL DESIGN

VISUAL DESIGN & DRAFTING

J.C. Moore
Maintenance Contract

State of North Carolina

County of Iredell Permit Number 201350

THIS AGREEMENT is made and entered into this the 8th day of September, 2014, by and between [redacted] Jan Pickett (hereinafter the "Owner") and J.C. moore (hereinafter the "Contractor").

WITNESSETH

WHEREAS, the Owner owns or controls the property upon which a ground absorption sewage treatment system (hereinafter "system") is installed, such system being designated a Type IVA system under the Rules for Sanitary Sewage Collection, Treatment and Disposal found at 15A N.C. Admin. Code 18A. 1900 et seq.; and

WHEREAS, 15A N.C. Admin. Code 18A. 1961 requires a contract to be executed between the system owner and a management entity prior to the issuance of an Operation Permit for said system; and

WHEREAS, 15A N.C. Admin. Code 18A. 1961 requires that a condition of the Operation Permit for said system be that a properly executed contract between the system owner and a management entity shall be in effect for as long as the system is in use; and

WHEREAS, the Contractor is a management entity of a type authorized by 15A N.C. Admin. Code 18A. 1961 to manage a Type IV - A system.

NOW THEREFORE, in consideration of the premises and of the mutual covenants and promises contained in this Agreement, it is hereby agreed by and between the Owner and the Contractor as stipulated below.

1. The Contractor's Obligations. The Contractor shall perform the following services on the owners systems located at 210 Patternote Rd Mooresville, N.C. 28117

A. The Contractor shall inspect the system at least at the frequency required in Table V (b) of 15A N.C. Admin. Code 18A. 1961 (b) for a Type IV - A system.

B. The Contractor shall perform the following routine maintenance procedures in accordance with the conditions of the Operation Permit.

(1) Inspect the structural integrity and maintain all of the physical and mechanical components of the system.
(2) Inspect the performance and condition of the drain field.
(3) Flush and clean the laterals of the system.
(4) Check and set pressures in the system.
(5) Check and adjust pump delivery rate of the system.
(6) Clean septic tank filter if applicable and accessible.
(7) Perform any other requirements of the Operations Permit.

C. The Contractor shall report the result of its inspections to home Owner after each inspection and to the local Health Department at the frequency specified in Table V (b) of 15A N.C. Admin. Code 18A. 1961 (b) for a Type V-5 system.

D. If an inspection indicates the need for system repairs, the Contractor shall notify the local Health Department within 48 hours of the inspection.

E. The Contractor shall notify the Owner of needed repairs, which are outside the scope of routine mainteriance described in subparagraph (b) above. The Contractor shall perform necessary repairs to the system that require the use of hand tools only at the request of the Owner and shall be entitled to payment therefore at the Contractors normal charge for services and materials. The Contractor shall not perform repairs that require the use of heavy equipment, electrical license or plumbing license.

2. The Owner's Obligations.

A. The Owner shall pay the Contractor upon signing this contract, the sum of for the first year of periodic inspections, routine maintenance procedures and periodic reports. The annual fee may be renewed at the end of each 12-month period. The annual fee may be amended upon sixty (60) days advance notice to the Owner but may not increase more that 20 percent per year. The Owner shall pay in the following methods.

( ) to be paid at the time of the signing of this agreement and to be paid before the second scheduled inspection.

( ) 250.00 dollars to be paid at the time of the signing of this agreement.

B. The Owner shall pay to the Contractor his normal and customary fees for any work performed on the system 25.00 dollars per hour, with minimum of one hour, plus cost of material(s) as a result of nonscheduled service or maintenance calls. All fees for nonscheduled service or maintenance are due and payable within thirty (30) days of billing. Payments due to the Contractor and unpaid by the Owner after thirty (30) days shall accrue interest from the due date until paid at a rate of 1.5 percent per month.

C. The Owner shall keep the area of the septic system drain field properly mowed and protected from traffic. The Owner shall keep the designated repair area reserved for future repair to the septic system.

D. The Owner shall provide the Contractor with such access to the system as is reasonably necessary for the Contractor to comply with the terms of this Agreement.

3. Term: This Agreement shall remain in effect until termination.

A. Automatic Termination
This Agreement shall automatically terminate if the Operation Permit for the system is revoked and all appeals of the revocation are exhausted or time for taking an appeal has passed.

B. Termination by Mutual Consent
The Parties may mutually agree to terminate this Agreement by giving written notice of erminate by mutual consent to the local Health Department thirty (30) days in advance of the date of termination.

C. Termination by the Owner
The Owner may terminate this Agreement by giving notice to the Contractor and to the local health Department thirty (30) days in advance of the date of termination.

D. Termination by the Contractor

(1) The Contractor may terminate this Agreement for cause by giving written notice of intent to terminate this Agreement to the Owner and to the local Health Department thirty (30) days in advance of the date of termination. Cause shall be defined as:

(a) failure to remit payment for any bill for services performed under and in accordance with this Agreement if said bill is not paid within thirty (30) days of receipt by the Owner of the bill. If said bill is paid after notice of termination is given but prior to the date of termination of this Agreement this Agreement shall continue in effect; or
(b) failure of the Owner to allow the Contractor such access to the system as is reasonably necessary in order for the Contractor to comply with the terms of this Agreement.

(2) The Contractor may not terminate this Agreement without cause, but may assign its rights and duties under this Agreement as provided in paragraph 4, below.

4. Assignment

A. Assignment by the Owner. The Owner shall notify the Contractor of the name and address of any purchaser of the property on which the system is located. The Owner shall also notify any purchaser of the property on which the system is located of the existence of this Agreement and shall assign all rights and duties under this Agreement to said purchaser.

B. Assignment by the Contractor. The Contractor may assign its rights and duties under this Agreement to another management entity which is qualified pursuant to 15A N.C. Admin. Code 18A. 1961 to manage a Type IVA system upon thirty (30) days written notice to the Owner and the local Health Department.

5. Representations

The Parties represent to each other that each has the power, authority, and legal right to enter into and perform its obligations as set forth in this Agreement.

6. Regulatory Amendments

References in this Agreement to sections of the Administrative Code shall include such rules as they may be amended in the future.

7. No Implied Waiver

The waiver by either Party of a default or a breach by the other Party of any provision of this agreement shall not operate or be construed to operate as a waiver of any subsequent default or breach. The failure at any time of either Party to enforce any provision of this Agreement (a) shall not be construed to be waiver of such provisions, or of any other provision; and (b) shall not in any way affect the validity of this Agreement, or any part of this Agreement, or the right of either Party thereafter to enforce each and every provision of this Agreement.

8. Notice

Every notice required under this Agreement shall be in writing and shall be deemed sufficiently given if delivered in person or sent by mail and addressed as follows:

To the Owner:

Aaron Feltman
Lakemist Homes

To the Contractor:

T.C. Moore
1227 Troutman Dr.
Statesville, N.C. 28625

To the Local Health Department

Iredell Co HD
610 E Center Ave
Mooresville, N.C.
28115

The date of any Notice shall be the date of delivery. Changes in the respective addresses to whic notice may be directed may be made from time to time by either Party by notice to the other Part

9 Place of Agreement

This Agreement and any questions concerning its validity, construction of and performance shall be governed by the laws of the State of North Carolina, notwithstanding the place of execution c the order in which the signatures of the Parties are affixed.

10 Entire Agreement and Amendment.

This Agreement supersedes all prior negations, agreements and understandings between the Parties with respect to the subject matter hereof and constitutes the entire Agreement between the Parties with respect to the subject matter hereof. To be effective, any amendment or modification to this Agreement must be in writing and must be signed by the Parties.

11 Severability

In the event that any provision of this Agreement shall, for any reason, be determined to be invalid, illegal or unenforceable in any respect, the Parties shall negotiate in good faith and agre to such amendments, modifications or supplements of or to this Agreement or such other appropriate actions as shall, to the maximum extent practicable in light of such determination implement and give effect to the intentions of the Parties as reflected in this Agreement, and th other provisions of this Agreement shall as so amended, modified, supplemented or otherwise affected by such action, remain in full force and effect.

IN TESTIMONY WHEREOF, the Parties hereto have executed this Agreement in duplic originals, one of which is retained by each of the Parties, the day and year first above written

(OWNER) _____

(CONTRACTOR) L. C. Moore