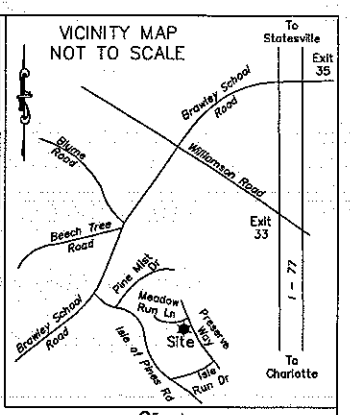
I, JIMMY N. FAIRES, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; DEED DESCRIPTION AND/OR MAP BOOK SEE, PAGE NOTE #2; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK N/A, PAGE N/A; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS _____ DAY OF _____, 2016.

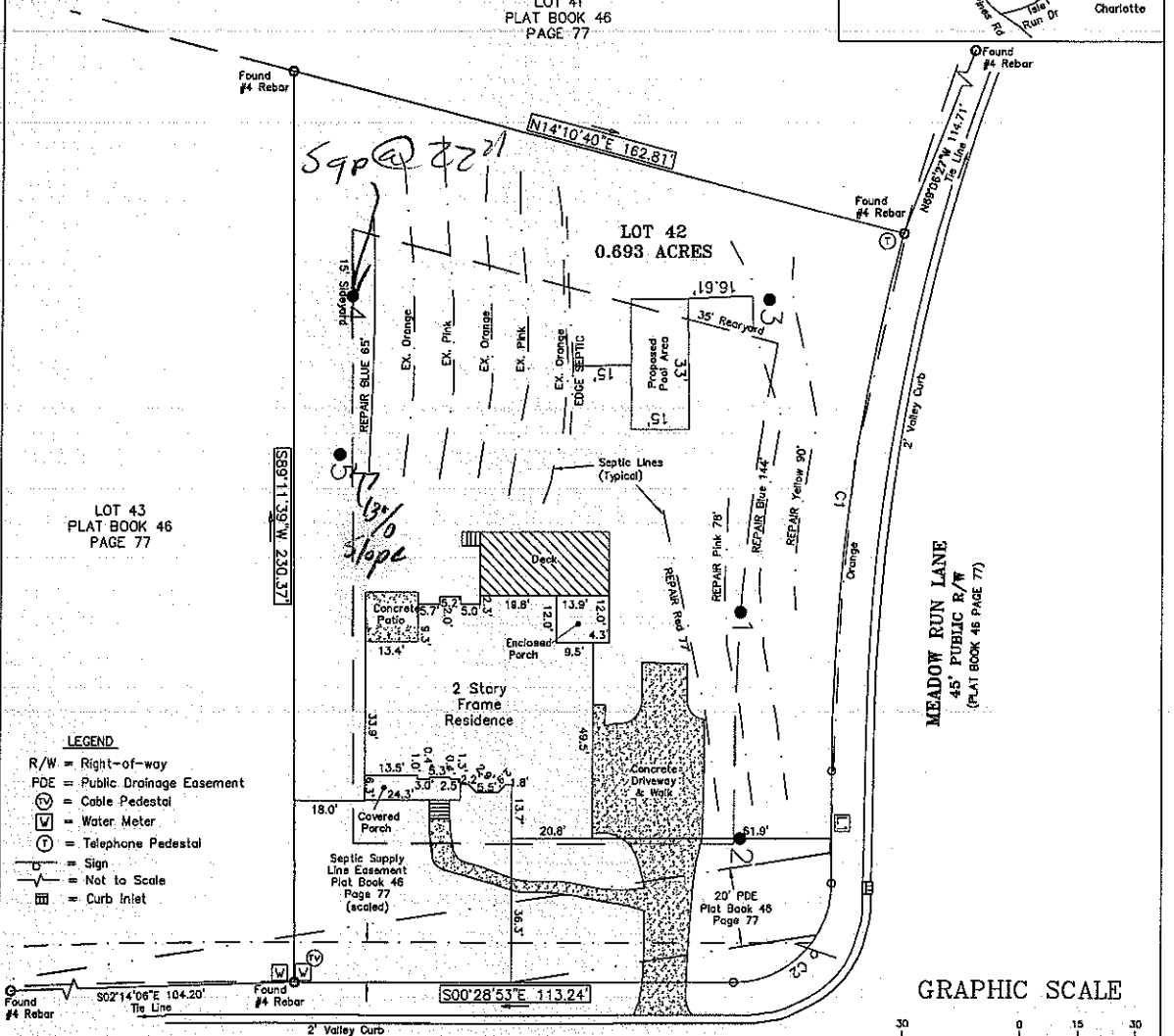
JIMMY N. FAIRES, PLS
LICENSE NUMBER: L-4311

Plat Book 46
Page 77
Dated: 2/3/2005

CURVE TABLE				
CURVE	RADIUS	ARC	BEARING	CHORD
C1	522.50'	137.29'	S 82°56'42" E	136.89'
C2	25.00'	39.28'	N 45°28'20" W	35.36'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N89°31'40"E	28.45'





LEGEND
R/W = Right-of-way
PDE = Public Drainage Easement
(TV) = Cable Pedestal
(W) = Water Meter
(T) = Telephone Pedestal
= Sign
= Not to Scale
= Curb Inlet

GRAPHIC SCALE
30 0 15 30
(IN FEET)
1 inch = 30 feet

SURVEYOR NOTES

1) ALL DIMENSIONS SHOWN ARE IN US SURVEY FEET AND DECIMALS THEREOF AND ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE INDICATED. AREA BY COORDINATE METHOD.

2) THIS SURVEY IS BASED ON DEED BOOK 2280 PAGE 1701 AND PLAT BOOK 46 PAGE 77 AS RECORDED AT THE IREDELL COUNTY REGISTER OF DEEDS.

3) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY. THE PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS OR CONDITIONS NOT OBSERVED OR SHOWN HEREON.

4) THIS LOT LIES WITHIN A SUBDIVISION THAT WAS PREVIOUSLY TIED TO THE NORTH CAROLINA GRID SYSTEM.

5) BASIS OF BEARINGS: PLAT BOOK 46 PAGE 77 - DATED: FEBRUARY 3, 2005.

6) CORNERS NOT LABELED "FOUND" OR "SET" ARE COMPUTED POINTS ONLY. ALL CORNERS "FOUND" or "SET" ARE FLUSH WITH THE GROUND, UNLESS OTHERWISE NOTED.

7) THE LOCATION OF UTILITIES AS SHOWN HEREON, WHETHER PUBLIC OR PRIVATE, ARE BASED ON THE LOCATION OF VISIBLE ABOVE GROUND APPURTENANCES ONLY. OTHER UTILITIES WHICH WERE NOT OBSERVED AND NOT SHOWN HERON MAY EXIST. IT IS THE OWNERS/TENANTS RESPONSIBILITY TO VERIFY THE LOCATION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. GEOMATIC CONCEPTS, PLLC CANNOT ASSUME RESPONSIBILITY FOR MISIDENTIFICATION OR OMISSION OF UNDERGROUND UTILITIES.

8) THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

9) THIS PROPERTY LIES IN FLOOD ZONE "X" AS SHOWN ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL 3710463600J, WITH AN EFFECTIVE DATE OF MARCH 18, 2008.

10) ALL LOTS ARE SUBJECT TO A 10' UTILITY AND DRAINAGE EASEMENT, 10 FEET ON EACH SIDE OF THE PROPERTY LINE.

PHYSICAL SURVEY

LOT 42
THE COVE AT CHESAPEAKE POINTE
PLAT BOOK 46 PAGE 77

129 PRESERVE WAY

DAVIDSON TOWNSHIP, IREDELL COUNTY, NORTH CAROLINA

Prepared For:	Owner:
DREW WESLEY 129 PRESERVE WAY MOORESVILLE, NC 28117	ANGELA H. HETTINGER 129 PRESERVE WAY MOORESVILLE, NC 28117

GEOMATIC CONCEPTS, PLLC
NC LICENSE #: P-1031
237 DRY DOCK LOOP, MOORESVILLE, NC 28117
PHONE: 704-664-1994 EMAIL: JIMMY.FAIRES@GEOMATICCONCEPTS.COM

Drawn By: GHL	Checked By: JNF	Scale	Project No.
Tax PIN: 4636-32-8166		1" = 30'	16083
Date: SEPTEMBER 27, 2016			Sheet No.
File: 16083-Lot-42-Cove-Physical.dwg			1 of 1

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4636328166
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Angie and Anthony Wesley APPLICATION DATE 10/7/16
ADDRESS: 129 Preserve Way, Mooresville, NC 28117 DATE EVALUATED: 9/2016
PROPOSED FACILITY: Pool PROPOSED DESIGN FLOW (.1949): 0 PROPERTY SIZE: 0.693 ac
LOCATION OF SITE: 129 Preserve Way, Mooresville, NC 28117 PROPERTY RECORDED: yes
WATER SUPPLY: ☐ Private X 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 1	LSS 5%	0-6	FILL/MULCH		N/A -COM MICA -MANY SAP -FEW R CLAY	34"	PS	N/A	PS 0.4 GPD/SQFT
		6-15	R C WFSBK	FR SS SP SEXP					
		15-34	R CL WFSBK	FR SS SP SEXP					
		34-48	VAR SL SAP M	FR SS SP SEXP					
B 2	LSS 8%	0-6	FILL		N/A -COM MICA -COM MICA, COM SAP	48"	N/A	N/A	PS 0.35 GPD/SQFT
		6-22	R C WFSBK	FR SS SP SEXP					
		22-48	R CL WFSBK	FR SS SP SEXP					
B 3	LSS 7%	0-6			N/A -COM MICA -FEW/COM SAP -COM/MANY SAP	48"	N/A	N/A	PS 0.35 GPD/SQFT
		6-12	B SCL GR	FR SS SP SEXP					
		12-20	R C WFSBK	FRS SS SP SEXP					
		20-30	R CL WFSBK	FR SS SP SEXP					
		30-48	R CL WFSBK	FR SS SP SEXP					
B 4	LSS 5%	0-18	R C WFSBK	FR SS SP SEXP	N/A -COM SAP -FEW/COM R CL INCL	26"	N/A	N/A	PS 0.4 GPD/SQFT
		18-26	R CL WFSBK	FR SS SP SEXP					
		26-48	VAR SL SAP M	FR SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REP AIR SYSTEM
AvailableSpace (.1945)	EXISTING	PS
System Type(s)	EX. 25% RED.	PM 25% RED.
Site LTAR		0.35 GPD/SQFT

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ADRIAN L. PRUETT
OTHER(S) PRESENT: NONE

COMMENTS: REPAIR TO BE INSTALLED WITH A 19" TRENCH BOTTOM; ADDITIONAL REPAIR LOCATED BELOW OLD SYSTEM. TRENCH BOTTOM OF 12" REQUIRED

SITE EVALUATION

(Continuation Sheet-Complete allfield in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: _4636328166___
DATE OF EVALUATION: __10/21/16____
COUNTY: __IREDELL____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 5	LSS 7%	0-16	R C WFSBK	FR SS SP SEXP	N/A -COM SAP	30"	N/A	N/A	PS
		16-30	R CL WFSBK	FR SS SP SEXP					
		30-48	VAR SL SAP M	FR SS SP SEXP	-FEW CL INCL				0.4 GPD/SQFT

COMMENTS:____