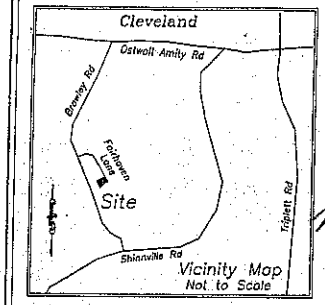
Boundary & Physical Survey for Lot #18 Fairhaven Subdivision, Phase 1, Prepared for Brandi Stewart & Daniel Young

Barringer Township, Iredell County, Cleveland, North Carolina
Scale 1"= 40' – Date of Survey October 30th, 2014
Reference
Tax Parcel #4760-59-3100, Deed Book 1764 Page 611
Being All of Lot #18 Fairhaven Phase 1, Plat Book 47 Page 3
Property Address: 184 Fairhaven Lane, Cleveland, NC 27013
Current Owner: Carolina Classic Homes by Simplex, LLC
1 Simplex Drive, Scranton, PA 18504

PIEDMONT DESIGN ASSOCIATES, P.A.
ENGINEERING – SURVEYING – PLANNING
Suite 101 Westfield Center, 125 E. Plaza Dr., Mooresville, N.C. 28115
Phone (704) 664-7888 Fax (704) 664-1778



I certify that this map was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 1764, page 611, or other reference source Plat Book 47 Page 3); that the boundaries not surveyed are indicated as drawn from information in Plat Book 47, Page 3 or other reference source; that the ratio of precision or positional accuracy is 1:10,000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600).

This 5th day of November, 2014.

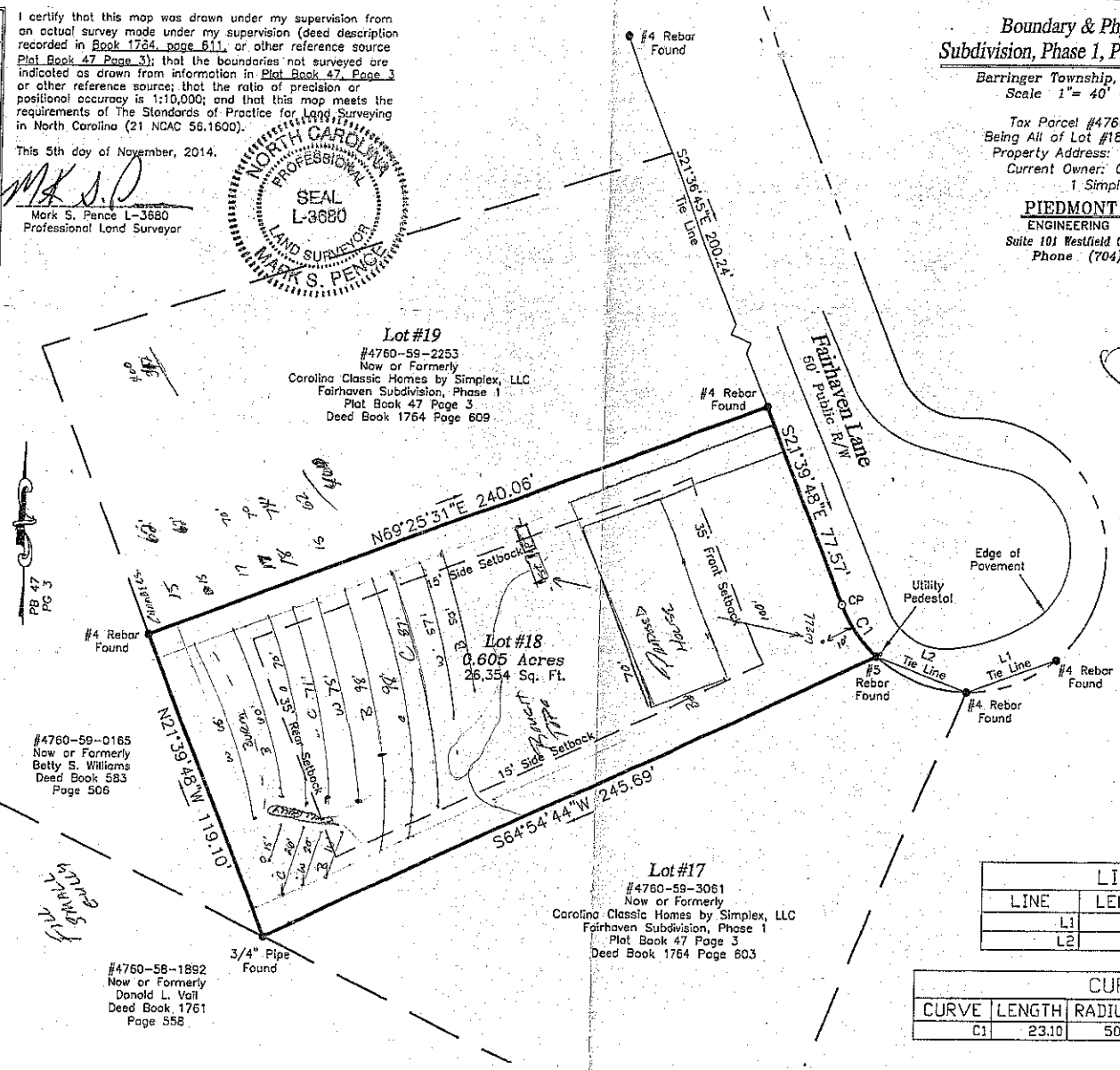
Mark S. Pence L-3680
Professional Land Surveyor

NORTH CAROLINA PROFESSIONAL SEAL L-3680 LAND SURVEYOR MARK S. PENCE

Surveyor's Notes

- Parcel #4760-59-3100
- Current Zoning: RA
- This Property Does Not Lie in a Special Flood Hazard Area Per FEMA FIRM #3710476000K.
- This Survey was performed without the benefit of Title Search and is therefore subject to any Easements, Restrictions and/or Rights-of-Ways of Record.
- No NCGS Monumnet located within 2000'.
- Area Computed by the Coordinate Method
- A 10' Drainage & Utility Easement exists along all property lines.

Legend
- ●....Rebar Found
- ⊙....Calculated Point (CP)
- FS.....Front Setback
- SS.....Side Setback
- RY.....Rear Yard



GRAPHIC SCALE
0 20 40 60 80
1 inch = 40 ft.

LINE TABLE		
LINE	LENGTH	BEARING
L1	35.01	S70°27'28"W
L2	35.04	N68°32'15"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	23.10	50.00	S34°52'38"E	22.90

Project # 141007

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4760593100.00
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: PATRICK FRICCHIONNE / BRANDY STEWART APPLICATION DATE 10/22/14
ADDRESS: @ DATE EVALUATED: 11/14/14
PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: .610 ACRE
LOCATION OF SITE: 184 FAIRHAVEN LN. CLEVELAND NC 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LL 7-8%	0-7	BSCL, WSBK	FR, SS, SP	MANY SAP INCL. 25-39	39"	PS	N/A	.3 PS
		7-16	RC, SBK	FR, SS, SP					
		16-39	RCL, SBK/WSBK	FR, SS, SP					
		39-48	MASS SL SAP	VFR, SS, SP					
2	LL 10%	0-6	BSCL WSBK	FR, SS, SP	SAP INCL 28-43	43"	PS	N/A	.3 PS
		6-22	RC, SBK	FR, SS, SP					
		22-43	RCL, SBK/WSBK	FR, SS, SP					
		43-48	MASS SL SAP	VFR, SS, SP					
3	LL 10%	0-6	BSCL, WSBK	FR, SS, SP, SAP	MANY SAP INCL. 35-41	41"	PS	N/A	.3 PS
		6-14	RC, SBK	FR, SS, SP					
		14-41	RCL, SBK/WSBK	FR, SS, SP					
		41-48	MASS SL SAP	VFR, SS, SP					
4	LL 9%	0-6	BSCL WSBK	FR, SS, SP	SAP INCL 30-42	42"	PS	N/A	.3 PS
		6-42	RCL SBK/WSBK	FR, SS, SP					
		42-48	MASS SL SAP	VFR, SS, SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SHANE CASHION
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: ____________
DATE OF EVALUATION: ____________
COUNTY: ____________

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	
5	LL 9%	0-6	BSCL, WSBK	VFR, SS, SP	SAP INCL 27-40	40"	PS	N/A	.3 PS
		6-17	RC, SBK	FR, SS, SP					
		17-40"	RCL, SBK/WSBK	FR, SS, SP					
		40-48	MASS SL SAP	VFR, SS, SP					

COMMENTS: ____________

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
EFI (Extremely Firm)	NP (Non-plastic)
	SP (Slightly Plastic)
	P (Plastic)
	VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

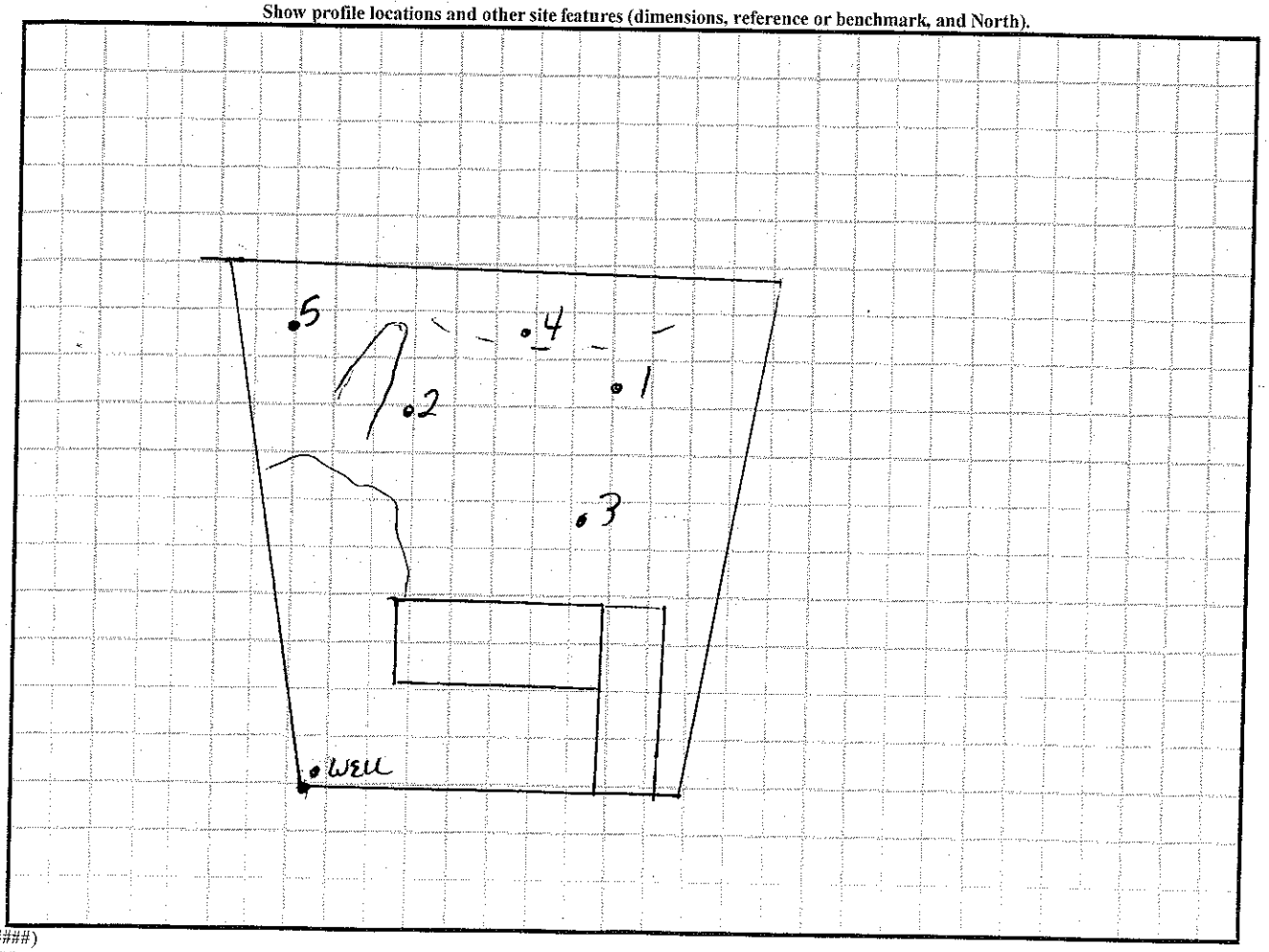
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

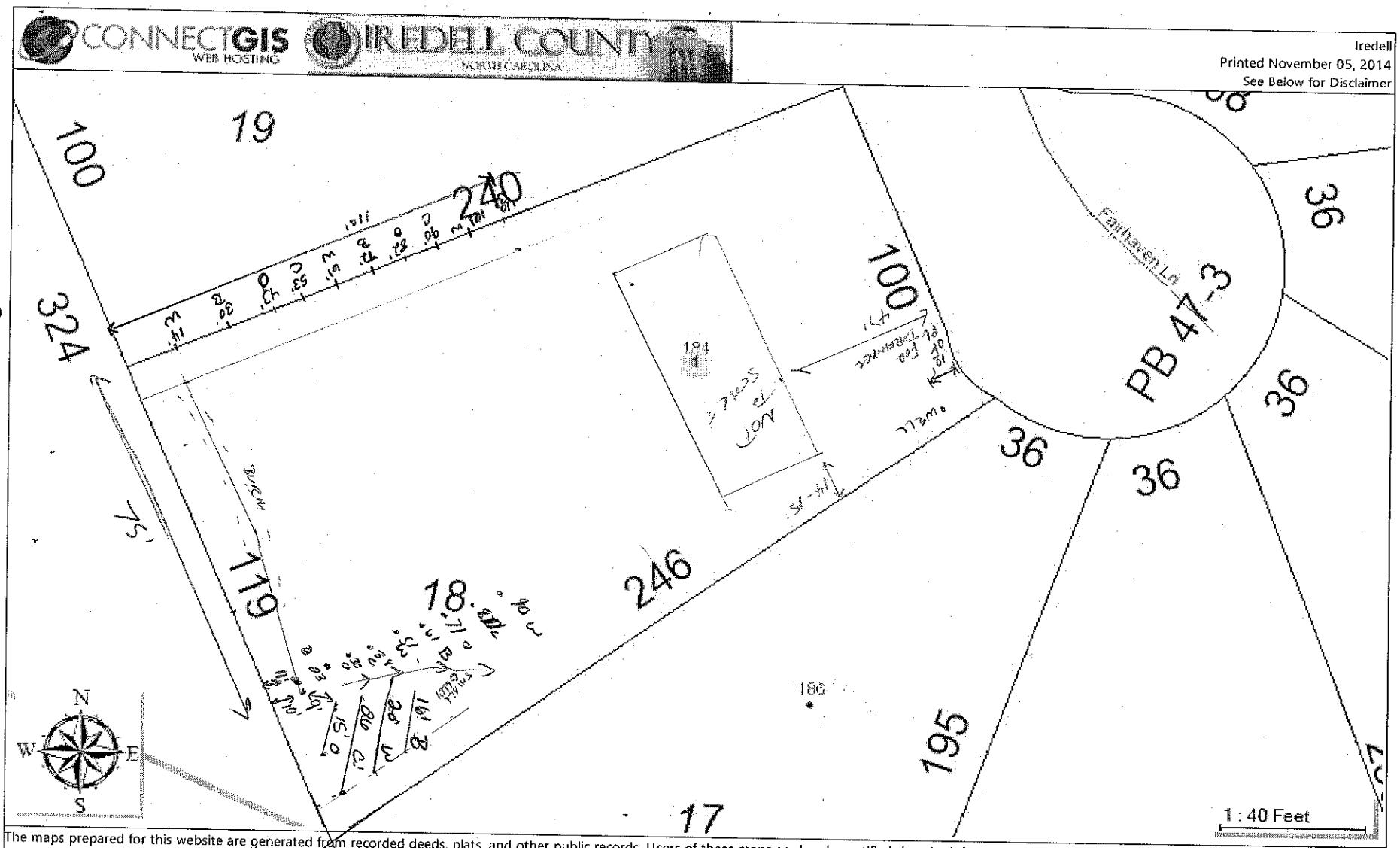
Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)



The maps prepared for this website are generated from recorded deeds, plats, and other public records. Users of these maps are hereby notified that the information provided herein should be verified. Iredell County assumes no legal responsibilities for any of the information contained on this site. Users are advised that the use of any of this information is at their own risk. All maps on this site were prepared using a 1000â€™ Grid based upon the North Carolina State Plane Coordinate System from the 1983 North American Datum. The delinquent real property tax overlay is updated monthly. The information presented is not intended to be used or relied upon as official notice of tax liens. For additional information regarding delinquent taxes, contact the Iredell County Tax Collector's Office.

Pull small Burn

808'
77'
B 16' W 20' C 26' O 15'
off To side LR
731'
B 50' W 57' C 87' O 98' E 98' C 75' O 71' E 70' W 60' 65'