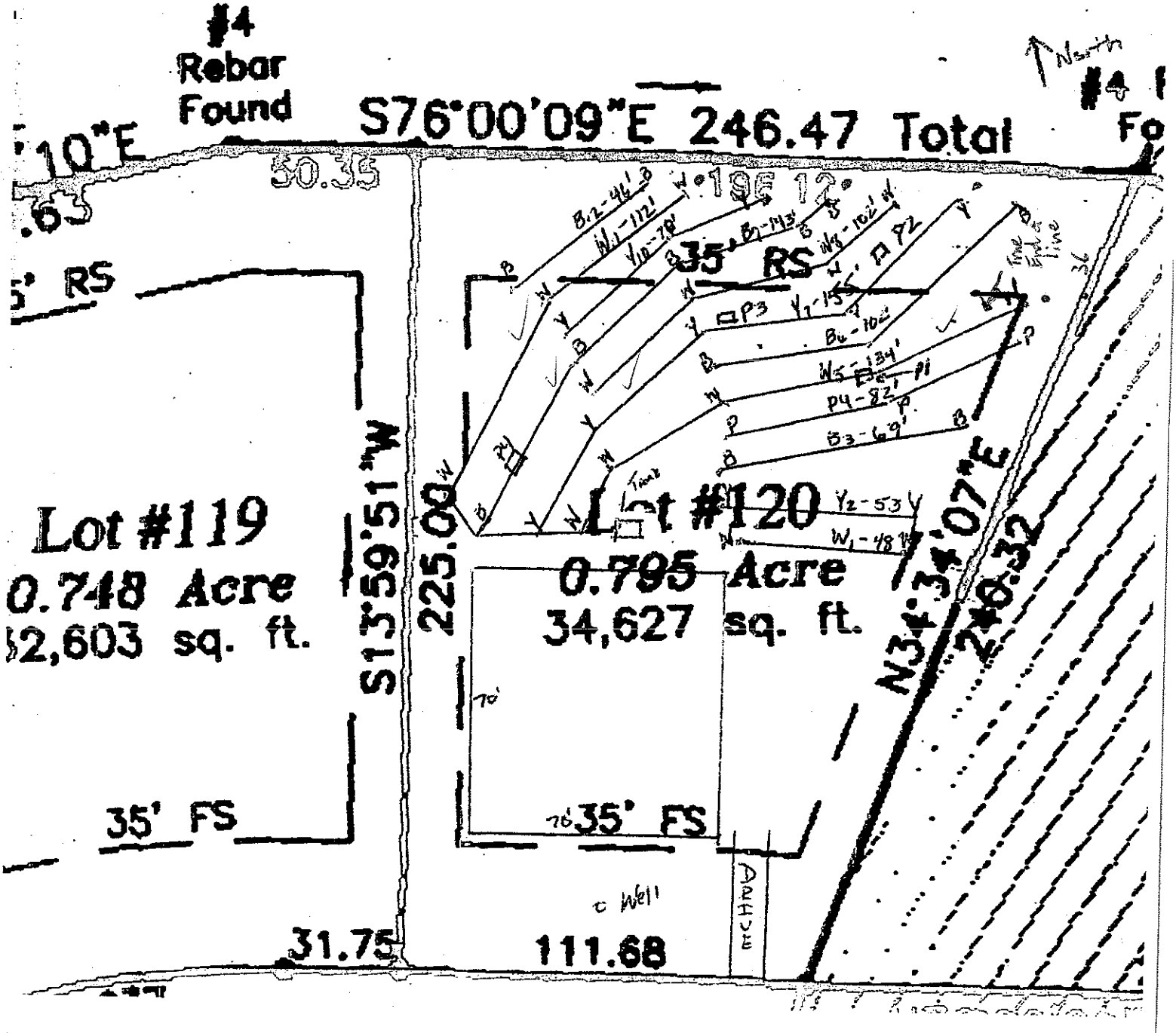
#4664-88-2769
Now or Formerly
Juanita J. Barker
Deed Book 873 Page 195

Scale 1"=40'





MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for Anniston, Lot 120
House Footprint: 70' x 70'
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 5/600 GPD
Predetermined LTAR: 0.3 GPD/FT2 (ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Gravity-drop boxes/ end cap
Septic Tank Size: 1500 gallons
Proposed Trench Bottom: 24-30"

approved

Line	Design Length	Actual Length
White 1		48'
Yellow 2		53'
Blue 3		69'
Pink 4		82'
White 5	**130'**	**134'**
Blue 6		102'
Yellow 7	**140'**	**155'**
White 8		102'
Blue 9	**130'**	**143'**
Yellow 10		70'
White 11	**100'**	**112'**
Blue 12		46'

Initial System: 500' **Repair System:** 572'

Comments:
It has been brought to our attention that this lot has been permitted, although ICHD has not been able to locate any permit for this lot. There were 4 additional backhoe pits done by MA&A (2 in initial and 2 in repair). All soil observations confirmed a soils rating of a .3gpd/ft2 or better. Please note the house location was located by use of orange pin flags. Any changes or adjustments by ICHD are welcome.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 *of* 1
PROPERTY ID #: Lot 120; Anniston
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Shea Homes
ADDRESS: 8008 Corporate Center Drive; Suite 300; Charlotte, NC 28226
PROPOSED FACILITY: 5-Bedroom Residence
PROPOSED DESIGN FLOW (.1949): 600 GPD
LOCATION OF SITE: Lot 120; Anniston Subdivision; Walking Horse Trail
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE
DATE EVALUATED: 6/4/2014
PROPERTY SIZE: 0.795 Acres
PROPERTY RECORDED:

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
Pit 1	L 3-4%	0"-10"	Br SCL WSBK	SS SP FR NEXP		46"	Few sap. inclusions	None	.3-.4
		10"-33"	R C SBK	SS SP F-FR NEXP					
		33"-46"	R CL WSBK	SS SP FR NEXP					
		46"-60"	Ver. SL SAP MASS	NS NP VFR NEXP					
Pit 2	L 3-4%	0"-9"	Br SL GR	NS NP VFR NEXP		43"	Few sap. inclusions P.S.	None	.3-.4
		9"-24"	R C SBK	SS SP FR NEXP					
		24"-43"	R CL WSBK	SS SP FR NEXP					
		43"-60"	Ver. SL SAP MASS	NS NP VFR NEXP					
Pit 3	L 3-4%	0"-6"	Br SL GR	NS NP VFR NEXP		54"	Comm. sap. inclusions	None	.3-.4
		6"-26"	R C SBK	SS SP FR NEXP					
		26"-54"	R CL WSBK	SS SP FR NEXP					
Pit 4	L 3-4%	0"-5"	Br SL GR	NS NP VFR NEXP		55"	Few sap inclusions	None	.3-.4
		5"-27"	R C SBK	SS SP FR NEXP					
		27"-55"	R CL WSBK	SS SP VFR NEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1500 ft2	1716 ft2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Michael Athanas and Associates
OTHER(S) PRESENT:

COMMENTS: Trench Bottom 24- 30"