

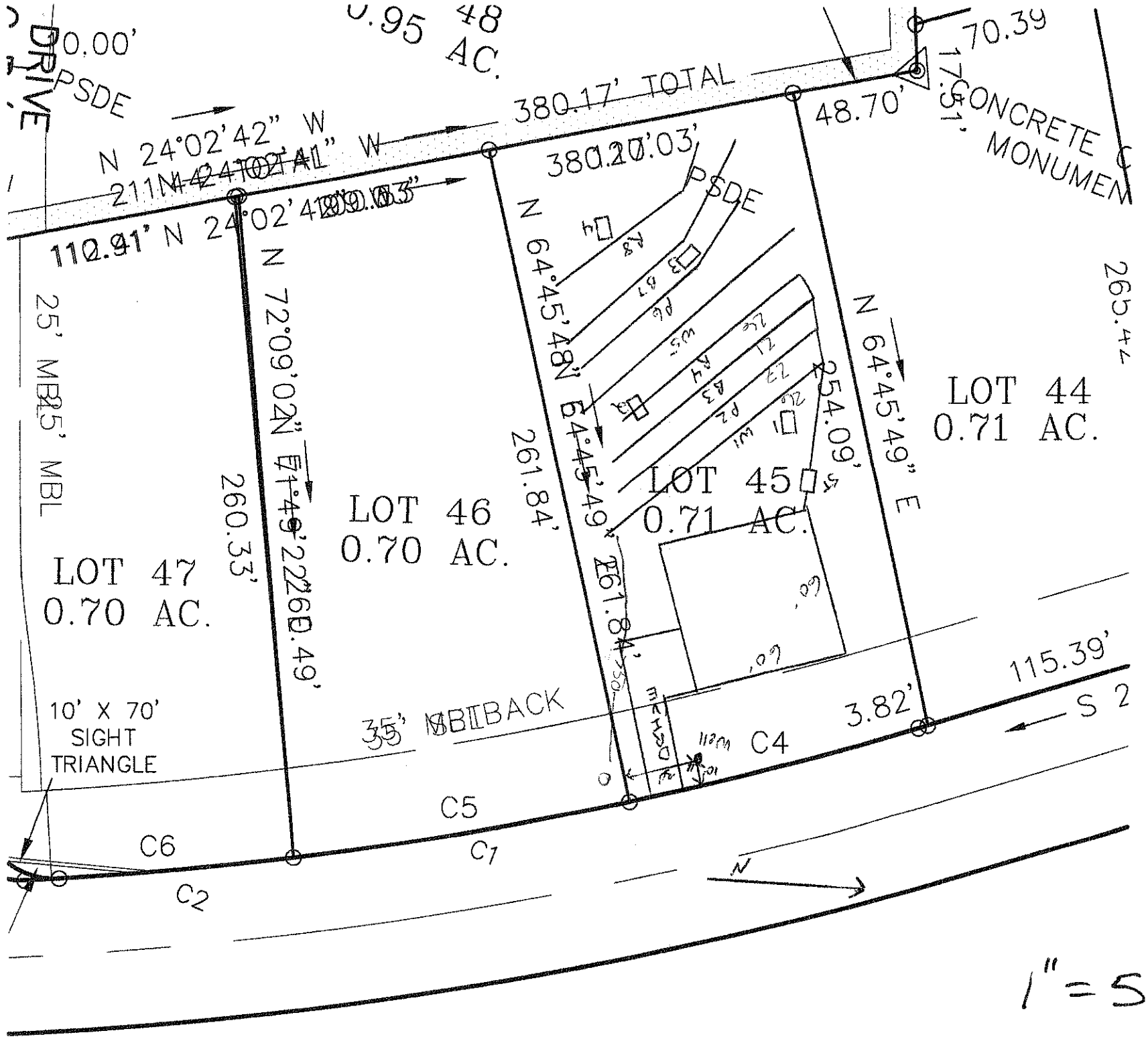
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for Stutts Cove SD, Lot 45
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-drop boxes/end cap
Septic/Pump Tank Size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
Pink 1	**100'**	**100'**
Blue 2	**100'**	**100'**
Red 3	**90'**	**90'**
White 4	**110'**	**110'**
Pink 5		90'
Blue 6		103'
Red 7		78'

Initial System: 400' **Repair System:** 271'

Comments:


0.95 48 AC.
70.39
17.51' CONCRETE MONUMENT
48.70'
380.17' TOTAL
N 24°02'42" W
380.20'03"
N 64°45'49" E
265.44
254.09'
261.84'
260.33'
260.49'
115.39'
3.82'
S 2
LOT 47
0.70 AC.
LOT 46
0.70 AC.
LOT 45
0.71 AC.
LOT 44
0.71 AC.
25' MBL
35' MBL BACK
10' X 70'
SIGHT
TRIANGLE
DRIVE
PSDE
C1
C2
C4
C5
C6
N
1" = 50'

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

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Mike Fox APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: 4 bedroom PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: _____
LOCATION OF SITE: Stutts Cove Lot 45 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)		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	
1	LS 5%	0-4	Br SCL WSBK	FR SS SP		58"			PS 0.3
		4-25	R C SBK	FR SS SP					
		25-58	R CL WSBK	FR SS SP					
2	LS 5%	0-6	Br SCL WSBK	FR SS SP		55"			PS 0.3
		6-35	R C SBK	FR SS SP					
		35-55	R CL WSBK	FR SS SP					
3	LS 5%	0-13	Br SCL WSBK	FR SS SP		52"			PS 0.3
		13-30	R C SBK	FR SS SP					
		30-52	R CL WSBK	FR SS SP			F-C SAP		
4	LS 5%	0-20	Br SCL WSBK	FR SS SP		60"			PS 0.3
		20-44	R C SBK	FR SS SP					
		44-60	R CL WSBK	FR SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	534 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: M A & Associates
OTHER(S) PRESENT: _____

COMMENTS: _____