Project #:
Property ID #:
County: Iredell

SOIL/SITE EVALUATION

Sheet:
Date Evaluated: 4/20/11

Owner or Client: Woodbridge Partners
Proposed Facility: House — Design Flow: 600 gpd — Property Size: 8.111 Ac
Location of Site: Fern Leaf Lot 33
Soil Described By: ICMS — Others Present: O. Koehler — Site LTAR: Int. 0.3 Rep. 0.3
Antecedent Moisture: dry — Weather: 77°F sunny — Site Classification: PS

Initial & Repair
25% Reduction

Water Supply: [ ] Public [ ] Community [X] On-Site Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY Structure/ Texture	SOIL MORPHOLOGY Consistence Mineralogy	PROFILE FACTORS Inclusions	PROFILE FACTORS Matrix Color	PROFILE FACTORS Mottles	PROFILE FACTORS Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
OK 1	L 6%	0-4	Mo GR SCL	FR SS/SP		Red			PS 0.3 pit
		4-18	Mo SBK C	FR SS/SP	F Mica	Red			
		18-30	WK SBK CL	FR SS/SP	F/C Sap	Red			
		30-48	MA L Sap	FR SS/SP	F CL inc	Yel Red			
OK 2	L 12%	0-3	MA C	VFi SS/SP		Red		Compacted	PS 0.3 pit
		3-15	Mo SBK C	FR SS/SP	F Sap	Red			
		15-26	WK SBK SCL	FR SS/SP	C Sap	Red			
		26-32	MA SL Sap	FR SS/SP		Yel Red			
		32-53	MA L Sap	FR SS/SP		Red			
OK 3	L 8%	0-12	Mo SBK C	FR SS/SP	F/C Sap	Red			PS 0.3 pit
		12-22	WK SBK SCL	FR SS/SP	C Sap	Red			
		22-48	MA L Sap	FR SS/SP		Red			
OK 4	L 6%	0-3	Mo GR L	FR SS/SP		Br			PS 0.3 AH
		3-23	Mo SBK C	FR SS/SP		Red			
		23-48	WK SBK CL	FR SS/SP	F Sap	Red			
5		pits	TO 60" except for	#1 48"	24"	TB approved			
6									

COMMENTS: Remove any berms in the septic Area before installing

Approved ICHD
4-27-11
gm

Permit #:
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Initial & Repair
25% Reduction

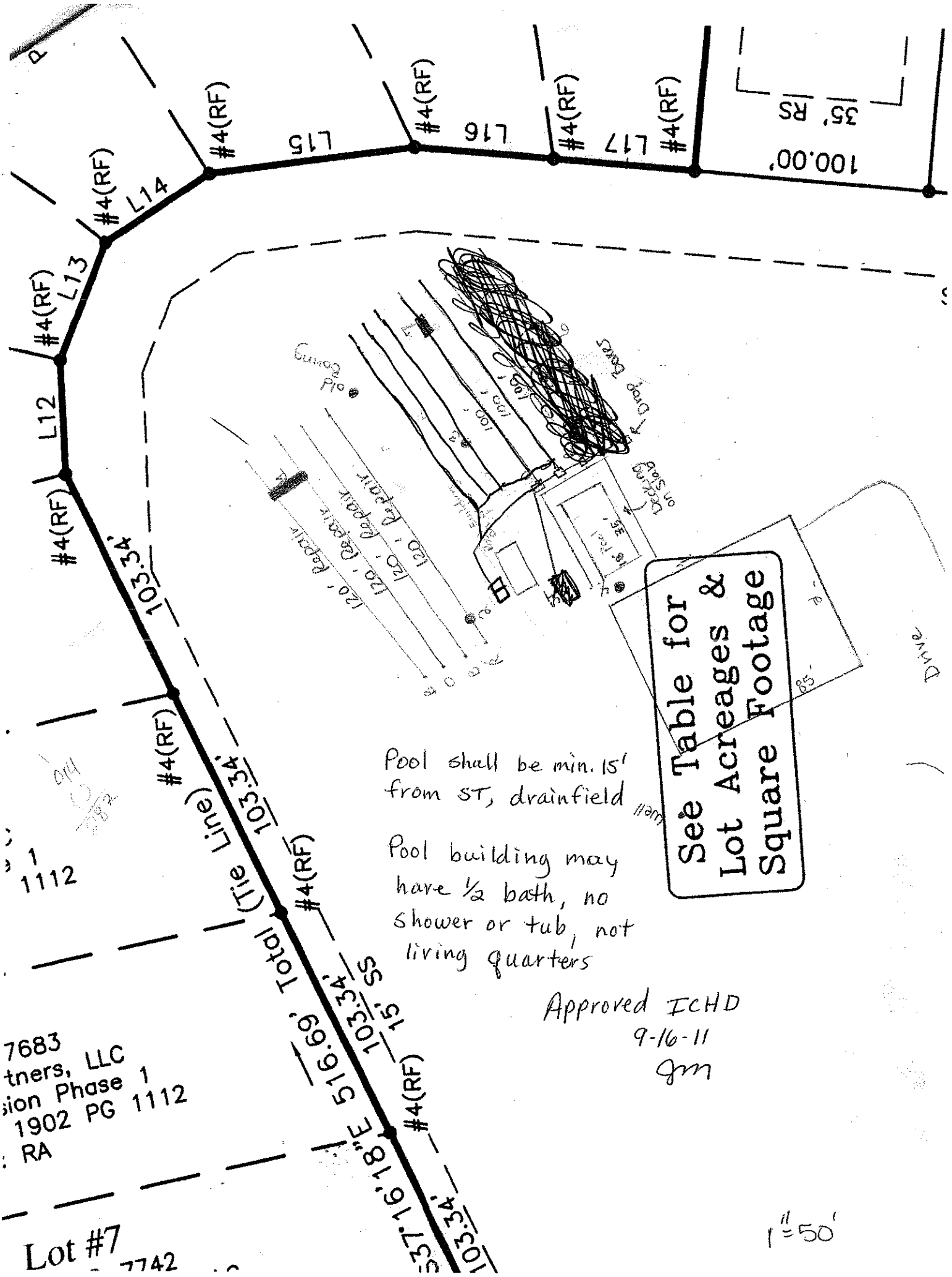
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PROFILE #	Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY: Structure/ Texture	SOIL MORPHOLOGY: Consistence Mineralogy	PROFILE FACTORS: Inclusions	PROFILE FACTORS: Matrix Color	PROFILE FACTORS: Mottles	PROFILE FACTORS: Profile Notes (Restr Horiz, Soil Depth, Coarse Frag, etc...)	Profile Class & LTAR
1	L 6%	0-4	Mo GR SCL	FR SS/SP		Red			PS
		4-18	Mo SBK C	FR SS/SP	F Mica	Red			0.3
		18-30	WK SBK CL	FR SS/SP	F/C Sap	Red			
		30-48	MA L Sap	FR SS/SP	F CL inc	Yel Red			pit
2	L 12%	0-3	MA C	VFi SS/SP		Red		compacted	PS
		3-15	Mo SBK C	FR SS/SP	F Sap	Red			0.3
		15-26	WK SBK SCL	FR SS/SP	C Sap	Red			
		26-32	MA SL Sap	FR SS/SP		Yel Red			pit
		32-53	MA L Sap	FR SS/SP		Red			
3	L 8%	0-12	Mo SBK C	FR SS/SP	F/C Sap	Red			PS
		12-22	WK SBK SCL	FR SS/SP	C Sap	Red			0.3
		22-48	MA L Sap	FR SS/SP		Red			pit
4	L 6%	0-3	Mo GR L	FR SS/SP		Br			PS
		3-23	Mo SBK C	FR SS/SP		Red			0.3
		23-48	WK SBK CL	FR SS/SP	F Sap	Red			AH
5 (9/12/11)	L 6%	0-12	WK SBK SCL	FR SS/SP		Br			0.3
		12-33	WK SBK CL	FR SS/SP	C SAP	Red			
		33-60	MA L Sap	FR SS/NP		Yel Red			AH
6 (9/12/11)	L 6%	0-9	MA C	VFi SS/SP		Red	Compacted		0.3
		9-37	Mo SBK C	FR SS/SP		Red			
		37-53	WK SBK CL	FR SS/SP	C Sap	Red			pit PS
		53-72	MA L Sap	FR SS/SP		Multi			

COMMENTS:

9/12/11 L 8%
0 - 9 MA C VFi SS/SP Red
9 - 17 Mo SBK C FR SS/SP F Sap Red
17 - 42 WK SBK CL FR SS/SP C Sap Red yel 0.3
42 - 63 MA L Sap FR SS/SP multicolored
* install deeper b/c of compaction

Approved 9-16-11
JM


#4(RF)
L15
#4(RF)
L16
#4(RF)
L17
#4(RF)
100.00'
35' RS
#4(RF)
L14
#4(RF)
L13
#4(RF)
L12
#4(RF)
103.34'
(Tie Line)
#4(RF)
Total 516.69'
#4(RF)
S37°16'18"E 516.69'
103.34'
SS
15'
103.34'
#4(RF)
103.34'
Curb Pit
Drop Boxes
Decking on Slab
Pool
Pool Equipt
120' Equipt
120' Equipt
120' Equipt
100'
100'
100'
100'
See Table for Lot Acreages & Square Footage
Pool shall be min. 15' from ST, drainfield
Pool building may have ½ bath, no shower or tub, not living quarters
Approved ICHD
9-16-11
gm
85'
Drive
1
1112
7683
tners, LLC
sion Phase 1
1902 PG 1112
RA
Lot #7
7742
1" = 50'