FAST TRACK
GRAVITY 25% REDUCTION SEPTIC SYSTEM
FOR
SUBSURFACE WASTEWATER DISPOSAL
180 BLARNEY ROAD
MOORESVILLE NC 28117

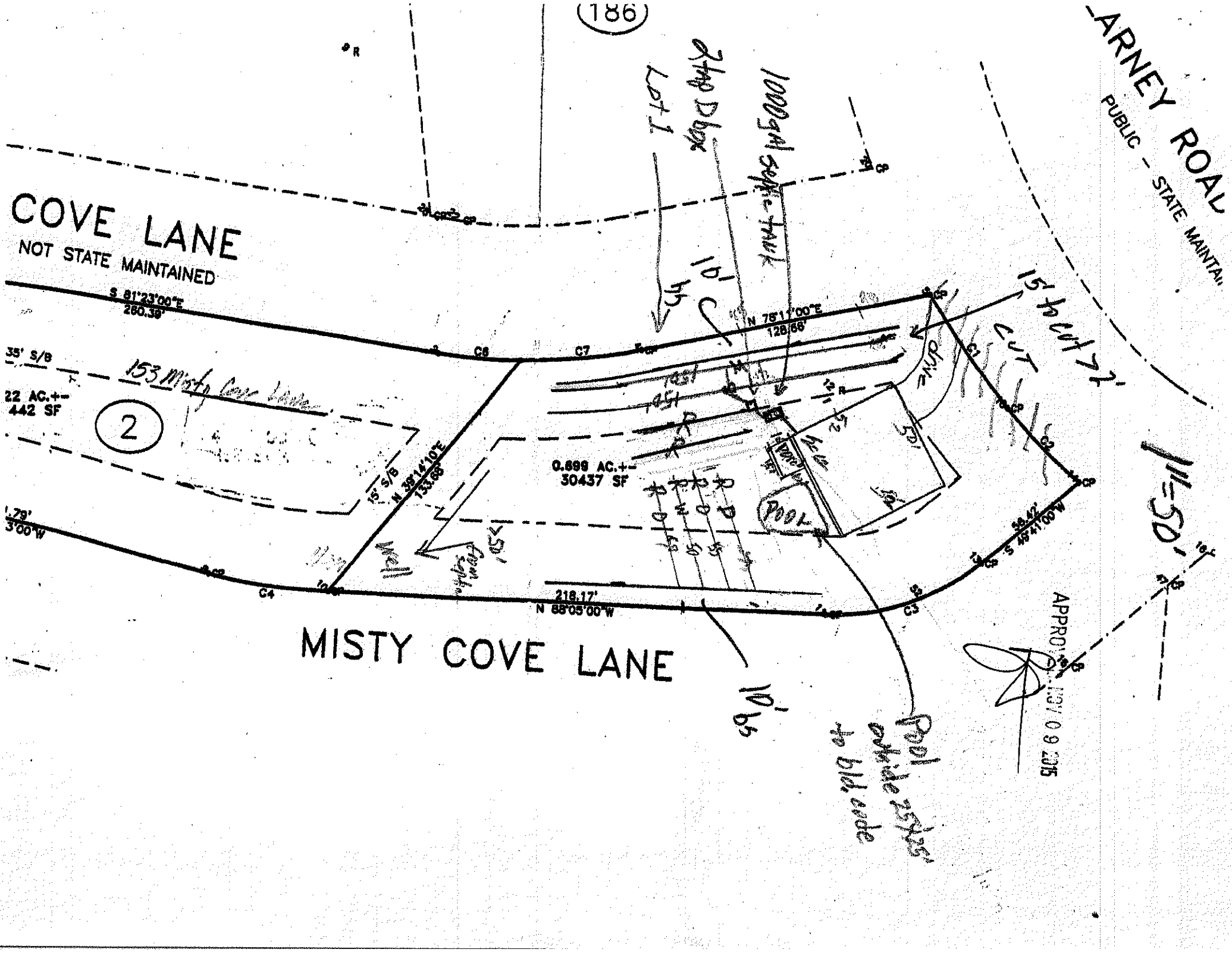
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October 25, 2015

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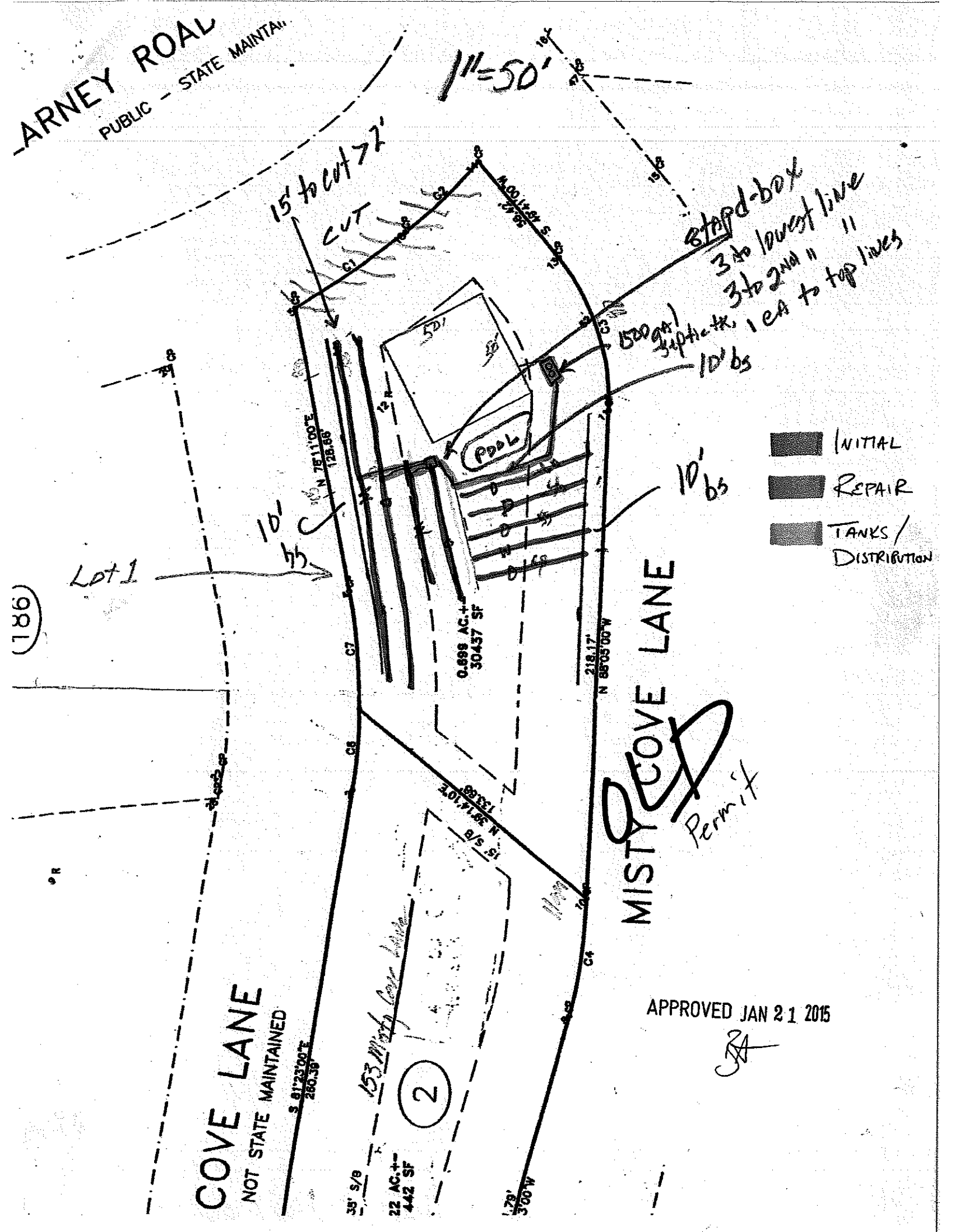

(186)
COVE LANE
NOT STATE MAINTAINED
S 81°23'00"E
280.39'
35' S/B
153 Misty Cove Lane
22 AC.+-
442 SF
2
15' S/B
N 39°14'10"E
133.68'
0.699 AC.+-
30437 SF
N 75°17'00"E
128.66'
C8
C7
C6
C5
C4
C3
C2
C1
218.17'
N 88°05'00"W
S 49°41'00"W
POOL
Lot 1
2 bdrm dwlg
1000 gal septic tank
10' D&U
15' D&U
CUT
FILL
=NAP
=NAP
well
septic tank
10' D&U
Pool outside 25' to bldg code
ARNEY ROAD
PUBLIC - STATE MAINTAI
APPROX. R/W
SEP 09 2015

DESIGN SPECIFICATIONS
180 Blarney Road

APPROVED NOV 0 6 2015

Daily design flow:	360 gpd
Number of bedrooms:	3 bedroom
Foundation:	crawl space
Septic tank size:	1000 gal
Primary system loading rate:	0.3 gpd/ft^2
Primary system:	gravity 25% reduction
Number and length of laterals:	2 @ 150' (2 hole D-box, all set equal) lines center fed
Line depth:	24-30 inches with 30" high side maximum
Total ft. of primary system:	300 ft.
Dosing:	approved D-box, each line equally dosed
Repair system loading rate:	0.3 gpd/ft^2
Repair system:	gravity 25% reduction
Number and length of laterals	6 @ 50'
Total ft. of repair:	300' laid out

Note: Set tank as shallow as possible for fall to upper line


ARNEY ROAD
PUBLIC - STATE MAINTAI
1"=50'
15' to cut 72'
CUT
8' tapd-box
3 to lowest line
3 to 2nd "
1500 gal septic tk, 1 ea to top lines
10' bs
POOL
INITIAL
REPAIR
TANKS / DISTRIBUTION
10' bs
10'
Lot 1
(186)
MISTY COVE LANE
COVE LANE
NOT STATE MAINTAINED
0.699 AC.+-
30437 SF
22 AC.+-
442 SF
2
APPROVED
Permit
JAN 21 2015

On-site Wastewater Section

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Lot #: 6 of 1
File #:
AppID:

Owner: Nick Miller
Address: 160 Blarney Rd
Proposed Facility: 4BR
Design Flow (.1949) 480
Location of Site:

Applicant:
Date Evaluated: 1/20/15
Property Size: 10.7 AC
Property Recorded: 2015

Water Supply: [ ] Public [✓] Individual [✓] 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	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	Ridge <5%	0-4	g scl	fri 1:1	NA		FS	NA	0.3
		4-42	m SBK scl/sic	fri "					
		42-49	m SBK scl	" "					
2	" 2-5% Backslope	0-3	g scl	fri 1:1	NA		NA		0.3
		3-34	m SBK cl/scl	" "					
		34-50	wk SBK cl	" "					
3	R 2-5	0-3	g scl	fri 1:1	NA		NA		0.3
		3-24	m SBK scl/cl	fri 1:1					
		24-52	wk SBK cl	" "					
4	NA R 2-5	0-4	g scl	fri 1:1					0.3
		4-32	m SBK cl/scl	" "					
		32-51	wk SBK cl	" "					
		51-62	vwk SBK scl	" "			FS		

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% red	T+S
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: [illegible]
Others Present:
Site Classification (.1948): PS
Site Evaluation By:
Others Present:

APPROVED JAN 21 2015