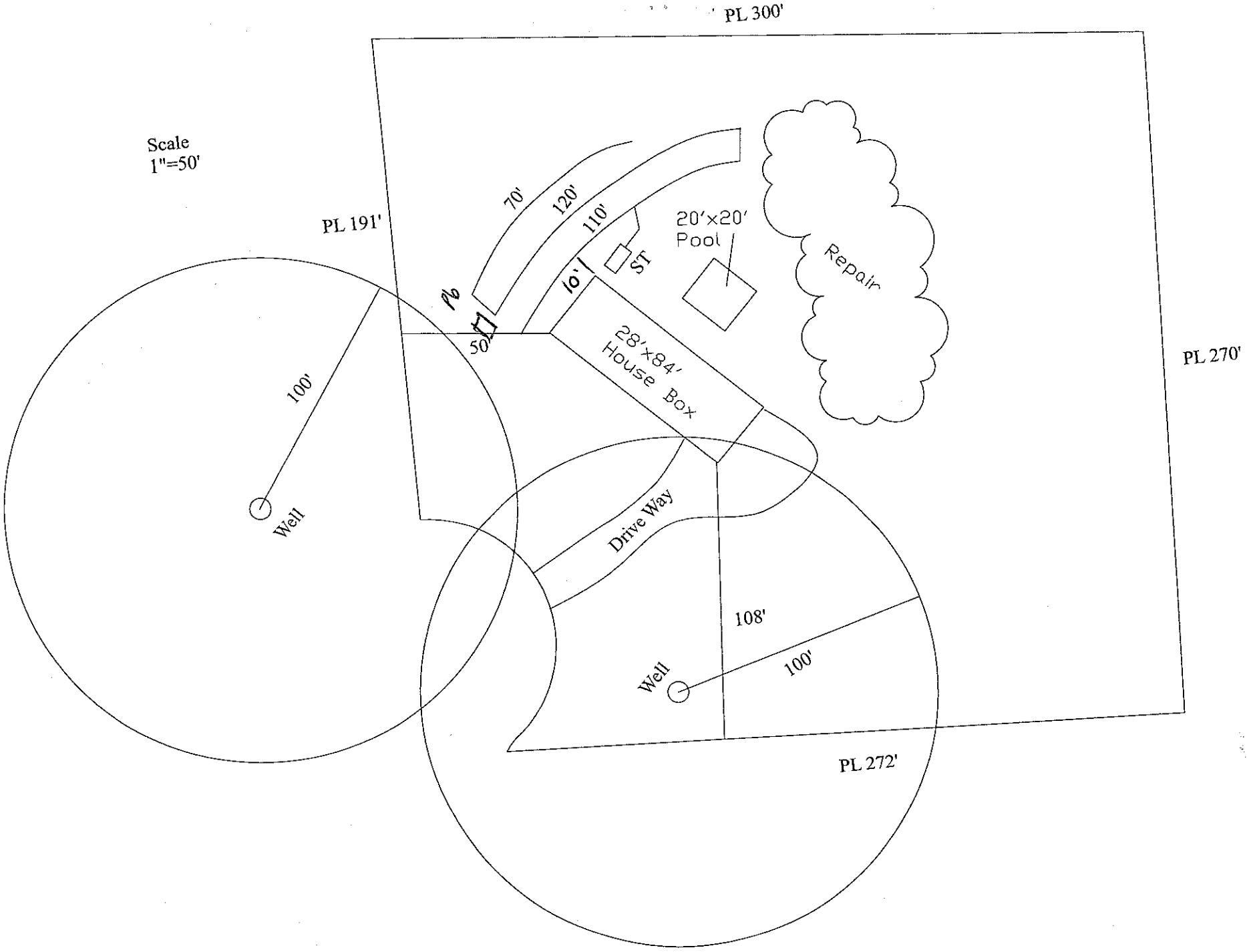

PL 300'
Scale
1"=50'
PL 191'
70'
120'
110'
10'
ST
20'x20'
Pool
Repair
50'
28'x84'
House Box
PL 270'
100'
Well
Drive Way
108'
Well
100'
PL 272'

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
PIN #: 4760-96-7599
Lot #: 21
Permit #: 205355
AppID:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: OVERCASH
Applicant: JOHN SPRINGSTEAD
Address: 158 ELECTRA DR.
Date Evaluated: 9/17/2014
Proposed Facility: SFR
Design Flow (.1949) 360
Property Size: 1.8 AC
Location of Site: SHINNVILLE ESTATES-2-21
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .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
AB 1	LINEAR 4%	0-25	RC,M,SBK	SS	NA	48"	MANY SAP @ 25"	NA	.3
		25-48	RCL,W,SBK	SS					
AB 2	LINEAR 5%	0-40	RC,M,SBK	SS	NA	48"	MANY SAP @ 40"	NA	.3
		40-48	RCL,M,SBK	SS					
AB 3	LINEAR 5%	0-40	RC,M,SBK	SS	NA	48"	MANY SAP @ 40"	NA	.3
		40-48	CL,W,SBK	SS					
AB 4	LINEAR 5%	0-48	RC,M,SBK	SS	NA	48"	FEW SAP THROUGH OUT	NA	.3

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25% RED	SAME
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: JOHN SPRINGSTEAD
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: JOHN SPRINGSTEAD

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: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 5-29-03
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 25 ph 2 Shannon Est PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

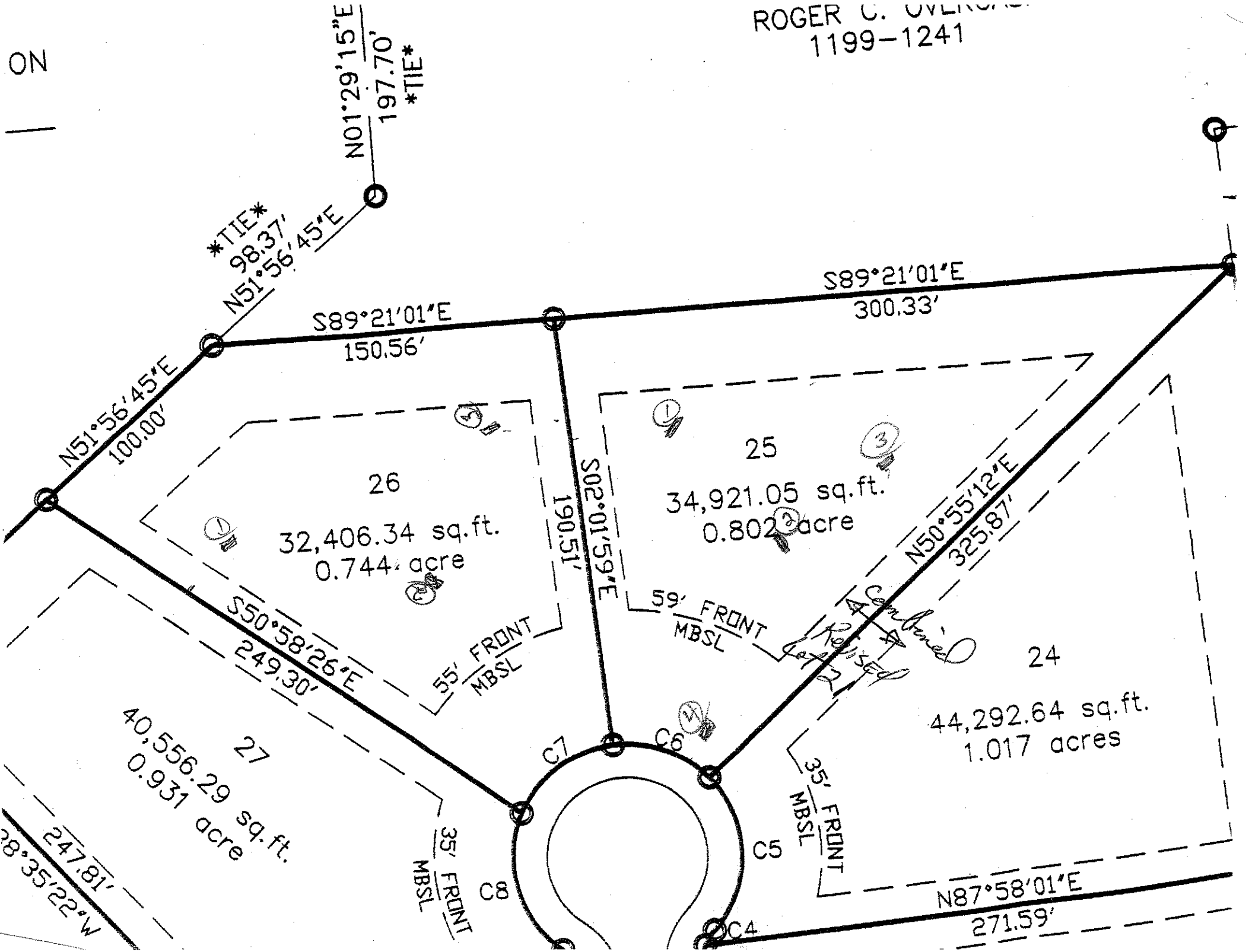
New part of Lot 21

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	6-8% S	0-15	compacted sl/l	vfi					.25 715"
		15-40	wk subsk yr C	vfi-fri sp seep	common mid sap				
		40-55	LSAP	fri ss sp					
2		0-9	plow layer						.25
		9-30	mod sbk b	fri sp	common yr rock				
		30-60	wk sbk cl	fri ss sp	limited sap, common yr rock				
3		0-10	plow layer						.25
		10-45	mod sbk light RC	fri sp seep	low hammocks				
4		0-7	yr-wk sbk loam sil	fri seep					.2
		7-20	wk f mod sbk	fri sp seep					
		20-40	wk f sbk yr C	fri sp					.3
		40-55	marine SL SAP	fri ss ns np					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____


ON
ROGER C. OVERG
1199–1241
N01°29'15"E
197.70'
TIE
TIE
98.37'
N51°56'45"E
S89°21'01"E
150.56'
S89°21'01"E
300.33'
N51°56'45"E
100.00'
26
32,406.34 sq.ft.
0.744 acre
25
34,921.05 sq.ft.
0.802 acre
S02°01'59"E
190.51'
N50°55'12"E
325.87'
59' FRONT
MBSL
Combined
Revised
Lot 24
S50°58'26"E
249.30'
55' FRONT
MBSL
24
44,292.64 sq.ft.
1.017 acres
27
40,556.29 sq.ft.
0.931 acre
C7
C6
C5
C8
C4
35' FRONT
MBSL
35' FRONT
MBSL
247.81'
28°35'22"W
N87°58'01"E
271.59'

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: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 5-29-23
PROPOSED FACILITY: _____ PROPOSED/DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Lot 24 phase 2 Shamrock Est. PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

Now part of lot 21

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
1		0-6	gr brn scl	fr ss p					.25
		6-43	wk-m f sbk elred hcl	fr ss p	fair-dist smp (mic w/depth)				
		43-53	SL smp	fr ns np					
2		0-8	gr pr sl/scl	fr ss p					.25
		8-46	wk-m f sbk/sbk	hcl fr ss p ss p	common-many mic/band				
				Common	yb rm matrix smp				
3		0-6	gr brn scl	fr ss p					.25
		6-18	m-wk sbk rcl	fr ss p sp	few-common yb rm mtx				
		18-45	m-wk sbk rcl	fr ss p	few-dist smp				
4		0-10	gr brn sl	fr ss p					.125 LPP only
		10-25	wk sbk yr scl	fr ss p					
		25-40 (high dist)	m-f yr cl	fr sp-ss p	many yb rm mtx few-common ch z				
		40-45	under water						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____

#5 0-11 gr pr SL fr ss p
11-22 wk f sbk rcl cl fr ss p ss p
22-40 mf sbk R CL fr ss s p common-many yb rm mtx — water seeping from this horizon
40-50 c-f sbk yr cl fr ss s p

4 10 Jun 23 bot wet / Natural movement + water to daylight 5 in channel

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

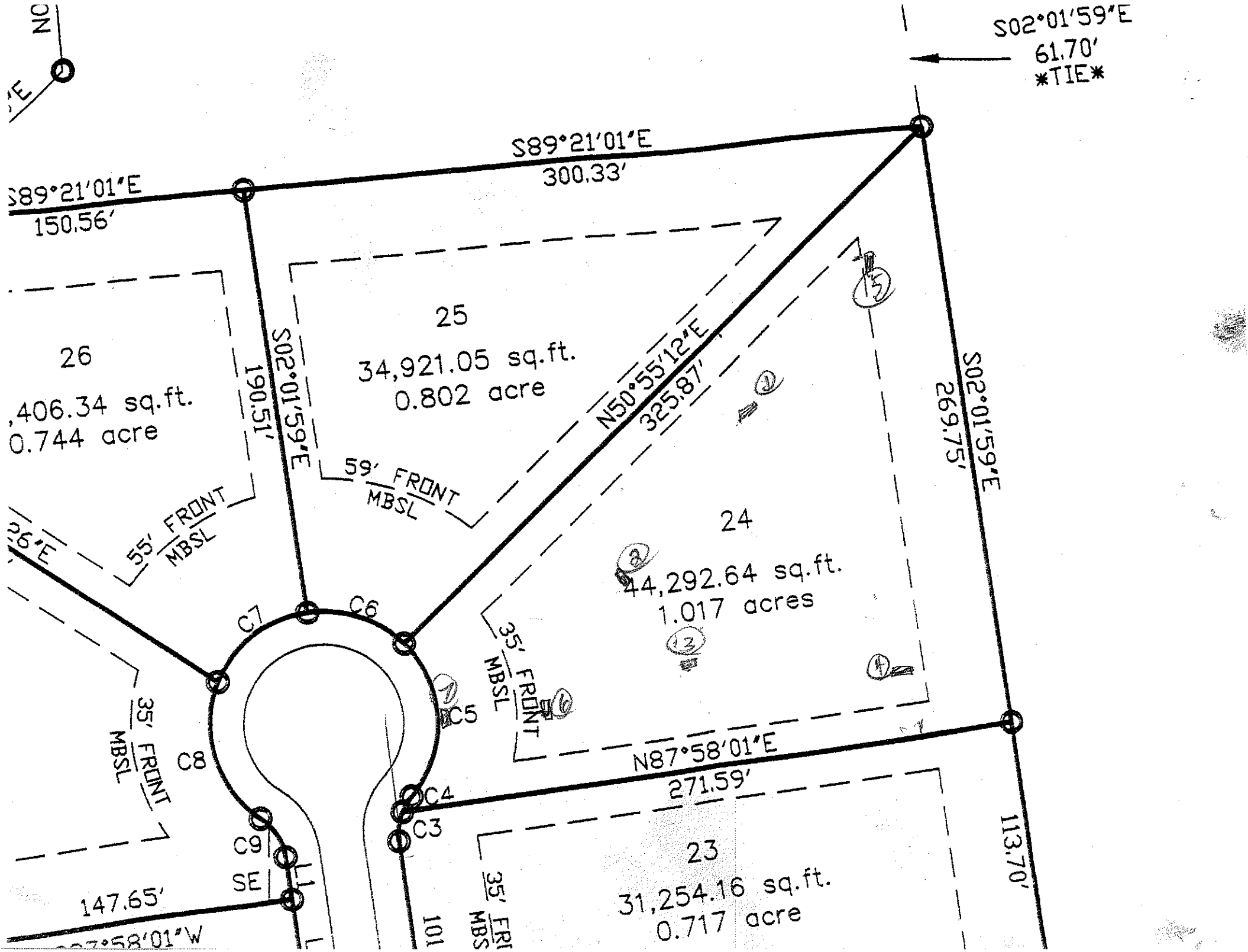
OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 6-6-03
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: lot 24 Shamrock Est (continued) PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON 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
6		0-10	gr-wk sbk bnsl fr sso p		no chr 2 but diffuse lateral movement of water bloading from elevation				
W		10-18	wk-m fsbk RBrn c fr s sso p						
		18-38	m-s fsbk RCL fi sss p	common gravel fragments					
		38-41	wk fsbk RCL fi sss p						
					Probably better deep > 41"				
7		0-8	gr-wk fsbk bnsl fr sso p						
2		8-24	wk-m fsbk chbrn c fr s sso p						.25
		24-32	m-f msbk RCL fr sss p	common yellow & red mottles					
		32-40	wk fsbk gr-sbk RCL fi sss p						
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____


S02°01'59"E
61.70'
TIE
S89°21'01"E
300.33'
S89°21'01"E
150.56'
26
,406.34 sq.ft.
0.744 acre
25
34,921.05 sq.ft.
0.802 acre
24
44,292.64 sq.ft.
1.017 acres
23
31,254.16 sq.ft.
0.717 acre
S02°01'59"E
190.51'
N50°55'12"E
325.87'
S02°01'59"E
269.75'
N87°58'01"E
271.59'
113.70'
147.65'
59' FRONT MBSL
55' FRONT MBSL
35' FRONT MBSL
35' FRONT MBSL
35' FRONT MBSL
C1
C2
C3
C4
C5
C6
C7
C8
C9
SE