

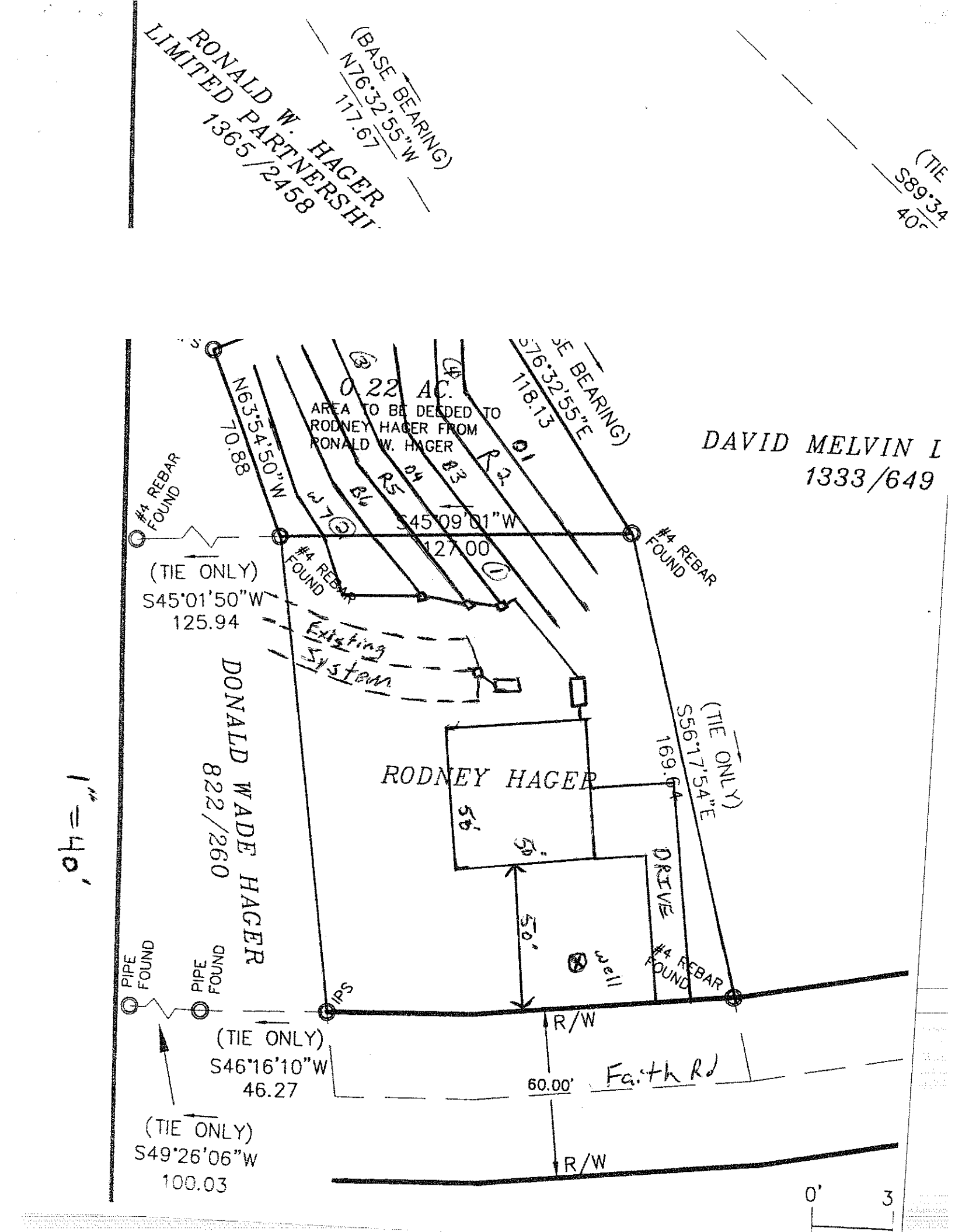
MICHAEL ATHANAS & ASSOCIATES, INC.
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE

Building Setback: 35' front/back, 15' side
Water Source: Well
Number of Bedrooms: 3/360gpd
Proposed LTAR: 0.225 gpd/ft2
Suggested system type: 25% reduction (initial), PPBPS (repair)
Distribution: Gravity-Drop boxes or end cap (Infiltrators)
Septic tank size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Length
Orange 1	*100'*
Red 2	*120'*
Blue 3	*120'*
Orange 4	**115'**
Red 5	**105'**
Blue 6	**100'**
White 7	**85'**

Initial system: 405' ***Repair system:*** *340'*

Comments: The existing system will be abandoned.


RONALD W. HAGER
LIMITED PARTNERSHI
1365/2458
(BASE BEARING)
N76°32'55"W
117.67
(TIE
S89°34
40
0.22 AC.
AREA TO BE DEEDED TO
RODNEY HAGER FROM
RONALD W. HAGER
N63°54'50"W
70.88
#4 REBAR
FOUND
(TIE ONLY)
S45°01'50"W
125.94
S45°09'01"W
127.00
#4 REBAR
FOUND
#4 REBAR
FOUND
(BASE BEARING)
N76°32'55"E
118.13
DAVID MELVIN L
1333/649
Existing
System
RODNEY HAGER
50'
50'
DRIVE
(TIE ONLY)
S56°17'54"E
169.64
DONALD WADE HAGER
822/260
50'
well
#4 REBAR
FOUND
PIPE
FOUND
PIPE
FOUND
R/W
(TIE ONLY)
S46°16'10"W
46.27
60.00'
Faith Rd
(TIE ONLY)
S49°26'06"W
100.03
R/W
1"=40'
0'
3

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rodney Hooper 704 664 1672 704 796 4420
ADDRESS: ___ APPLICANT: ___
PROPOSED FACILITY: 3 bedroom APPLICATION DATE: ___
LOCATION OF SITE: Faith Rd PROPOSED DESIGN FLOW (.1949): 360 gpd DATE EVALUATED: ___
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other PROPERTY SIZE: ___
EVALUATION METHOD: ☒ Auger Boring PROPERTY RECORDED: ___

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	(.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 8%	0-38	Rc sbk	Fr sss p	Inc Mn.	48"	—	—	PS 0.25 0.225
		38-48	Rcl wsbk	Fr sss p					
2	L 5-7%	0-6	Brscl sbk	Fr sss p	Inc Mn	48"	—	—	PS 0.25 0.225
		6-40	Rc sbk	Fr sss p					
		40-48	Rcl wsbk	Fr sss p					
3	L 5-7%	0-5	Brscl wsbk	Fr sss p	Inc Mn	48"	—	—	PS 0.25 0.225
		5-40	Rc sbk	Fr sss p					
		40-46	Rcl wsbk	Fr sss p					
4	L 5-7%	0-5	Brscl wsbk	Fr sss p	Inc Mn.	48"	—	—	PS 0.25 0.225
		5-43	Rc sbk	Fr sss p					
		43-48	Rcl wsbk	Fr sss p					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 ft2	540 ft2
System Type(s)	25% Red.	PPBPS
Site LTAR	0.225	0.225

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: BM
OTHER(S) PRESENT: ___