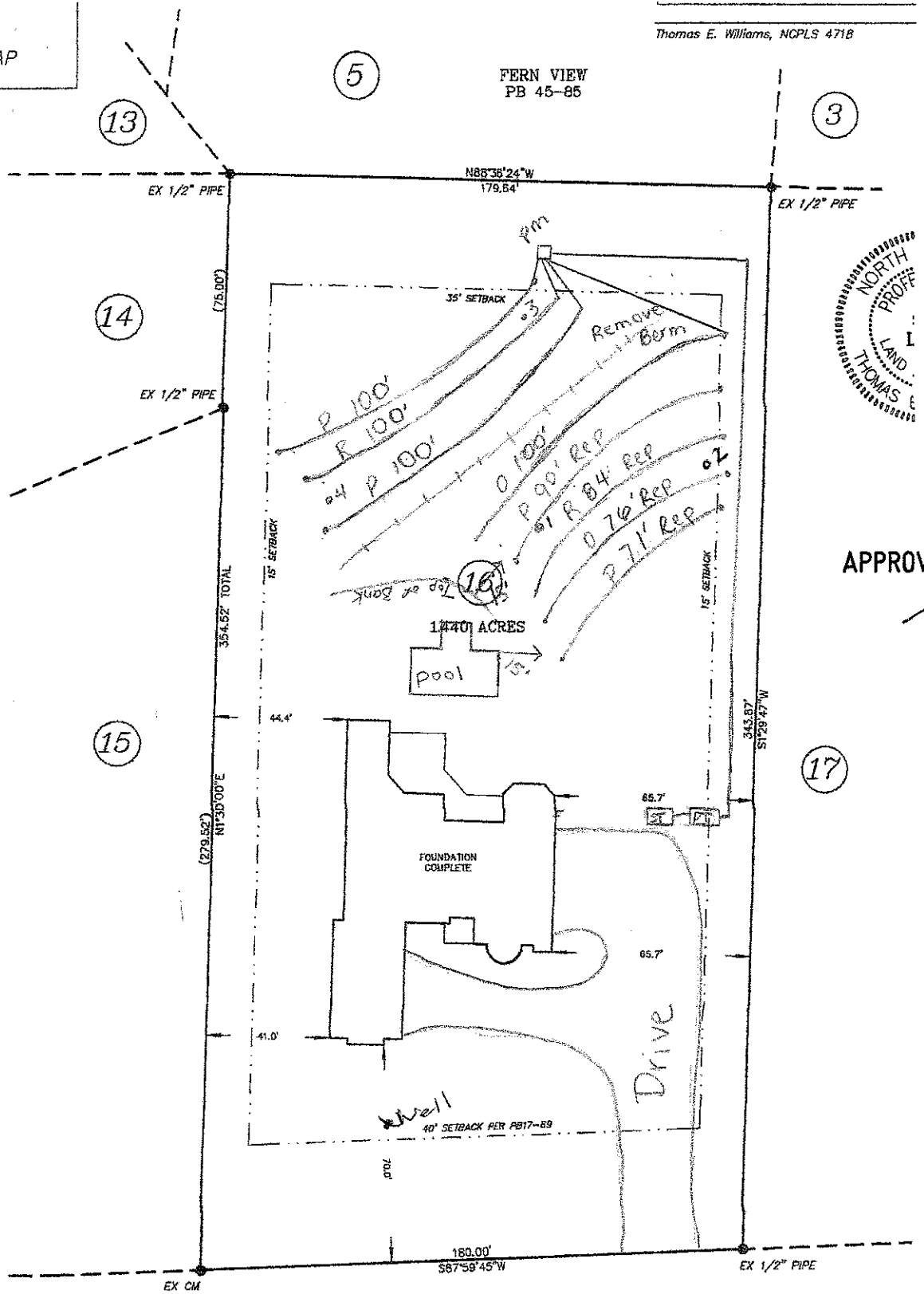
VIEW DR

TY MAP
TO SCALE

Thomas E. Williams, NCPLS 4718



APPROVED JUN 17 2015

1" = 50'

Lot 16 Point of View Fast Track Septic Spec Sheet

Number of Bedrooms	**4**
Basement or Crawl	**Basement with Plumbing**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	4 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Max Trench Depth	30"
Pump Required	Yes
Distribution Device	Pressure Manifold with Flow Divider
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	295' of 2" SCH 40 PVC
Flow Rate through the system	22 gpm
Elevation head	Approx. 20.2'
Pressure head	2.0'
Friction head	3.7'
20% Contingency	5.2'
Total Head	31.1'
Pump Requirements	22 gpm @ 31.1' of head To be designed by installer.
Maximum Dosing Volume	240 gal -2.0 doses/day @ design flow
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx. 10.9 min.
Repair System	**LP PPBPS**
Total Linear Feet	321
Repair Loading Rate	0.3

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Elevation (Ft.)
1	System	Pink	25% Reduction	100 endfed	1
2	System	Red	25% Reduction	100 endfed	
3	System	Pink	25% Reduction	100 endfed	
4	System	Orange	25% Reduction	100 endfed	
5	Repair	Pink	LP PPBPS	90	
6	Repair	Red	LP PPBPS	84	
7	Repair	Orange	LP PPBPS	76	
8	Repair	Pink	LP PPBPS	71	
				Total System: 400'	
				Total Repair: 321'	

Tank	Red	1000 gal (2 compartment)	15.2
Pump Tank	Red	1000	
House	Blue		

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	4
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

Note: **All rod readings should be verified by installer prior to installation**
Shave off berm in order to prevent ponding on middle system lines.

On-site Wastewater Section

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Lot #:
File #:
AppID: 4628965791.000

Owner: Doug Gaus
Applicant:
Address:
Date Evaluated: 8-20-14
Proposed Facility: SFR Design Flow (.1949) 480
Property Size:
Location of Site: Lot 16 Point of View S/D
Property Recorded:

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

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MD

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 1941 Structure/ Texture	1941 Consistence Mineralogy	PROFILE FACTORS b .1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	L	0-4	Mo GR SL	FR SS/SP	R Br				0.3
		4-40	Mo SBK C	FR SS/SP	Red				
		40-48	WK SBK C	FR SS/SP	Red; F sap				
2	L	0-4	Mo GR SL	FR NS/NP	Br				0.3
		4-36	Mo SBK C	FR SS/SP	Red				
		36-48	WK SBK C	FR SS/SP	Red; C sap				
3	L	0-4	Mo GR SL	FR NS/NP	Br				0.3
		4-40	Mo SBK C	FR SS/SP	Red				
		40-48	WK SBK C	FR SS/SP	Red; C/M sap				
4	L	0-4	Mo GR SL	FR NS/NP	Br				0.3
		4-26	Mo SBK C	FR SS/SP	Red, vein of SL sap		20-24"		
		26-48	WK SBK C	FR SS/SP	Red; C/M sap				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
Soil Evaluation By:
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

ON-SITE WASTEWATER SECTION

COUNTY:

SOIL/SITE EVALUATION

OWNER: Dennis Gara APPLICANT:

ADDRESS: APPLICATION DATE: DATE EVALUATED 2/11/03

PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949): PROPERTY SIZE:

LOCATION OF SITE: Point of View Lot #16 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) .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	Rear very	0-8"	Brw SCL	GR FR					PS .3
		8"-48"	Rd/Brw	C/C	m-w SBK S-SS,SP,SE F-FR				
		Few	SAP Tubus & Few	Mica Flakes					
2	Rear	0-4"	Brw SCL	GR FR					PS .3
		4"-48"	Rd/Brw	C/C	m-w SBK S-SS,SP,SE F-FR w/ Few Mica Flakes				
		~46"	Many SAP	Tubus					
3		0-8"	Brw SCL	GR FR					PS .3 to 34"
		8"-34"	Rd/Brw	C/C	m-w SBK S-SS,SP,SE, FR				
		35"	Hard Rock, couldn't auger thru						
4									

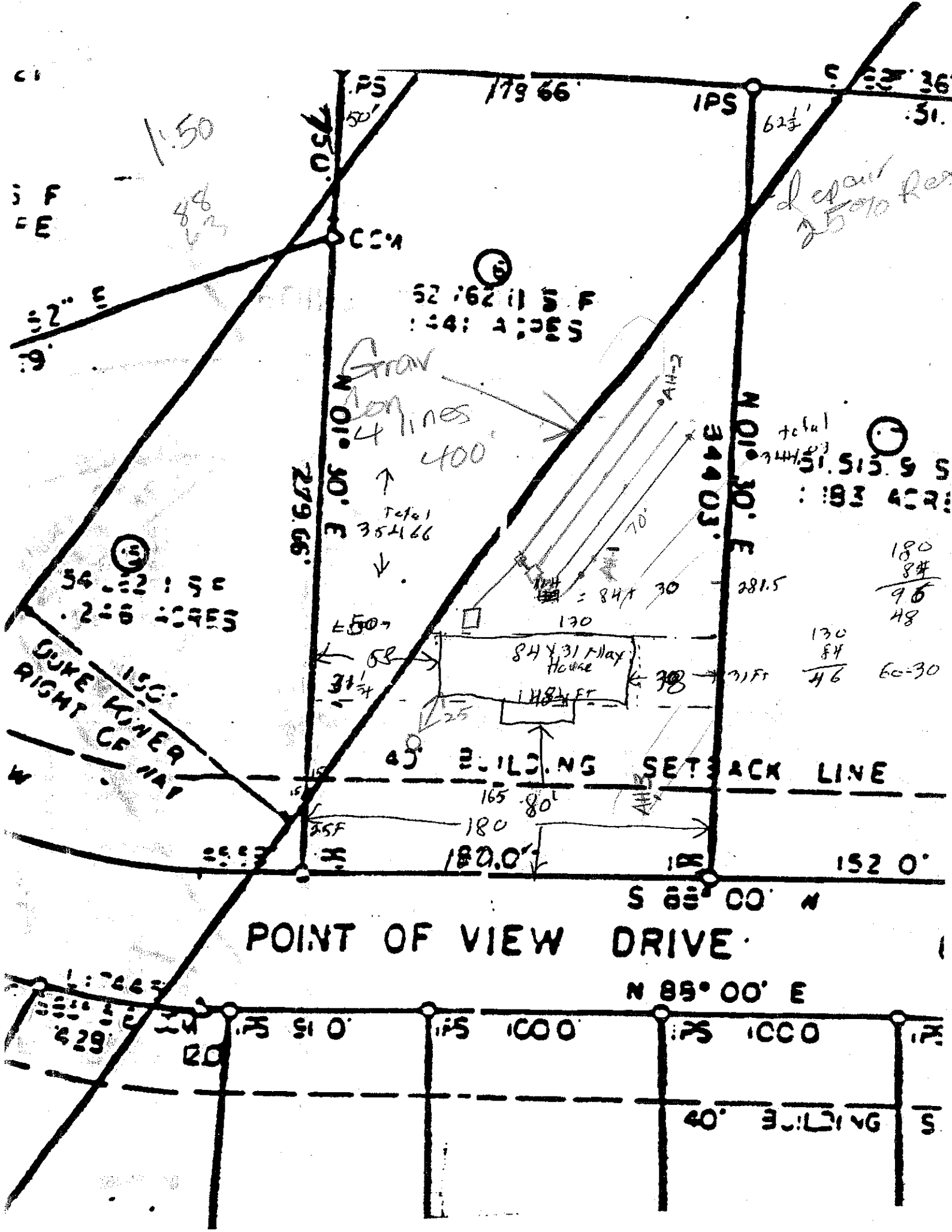
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

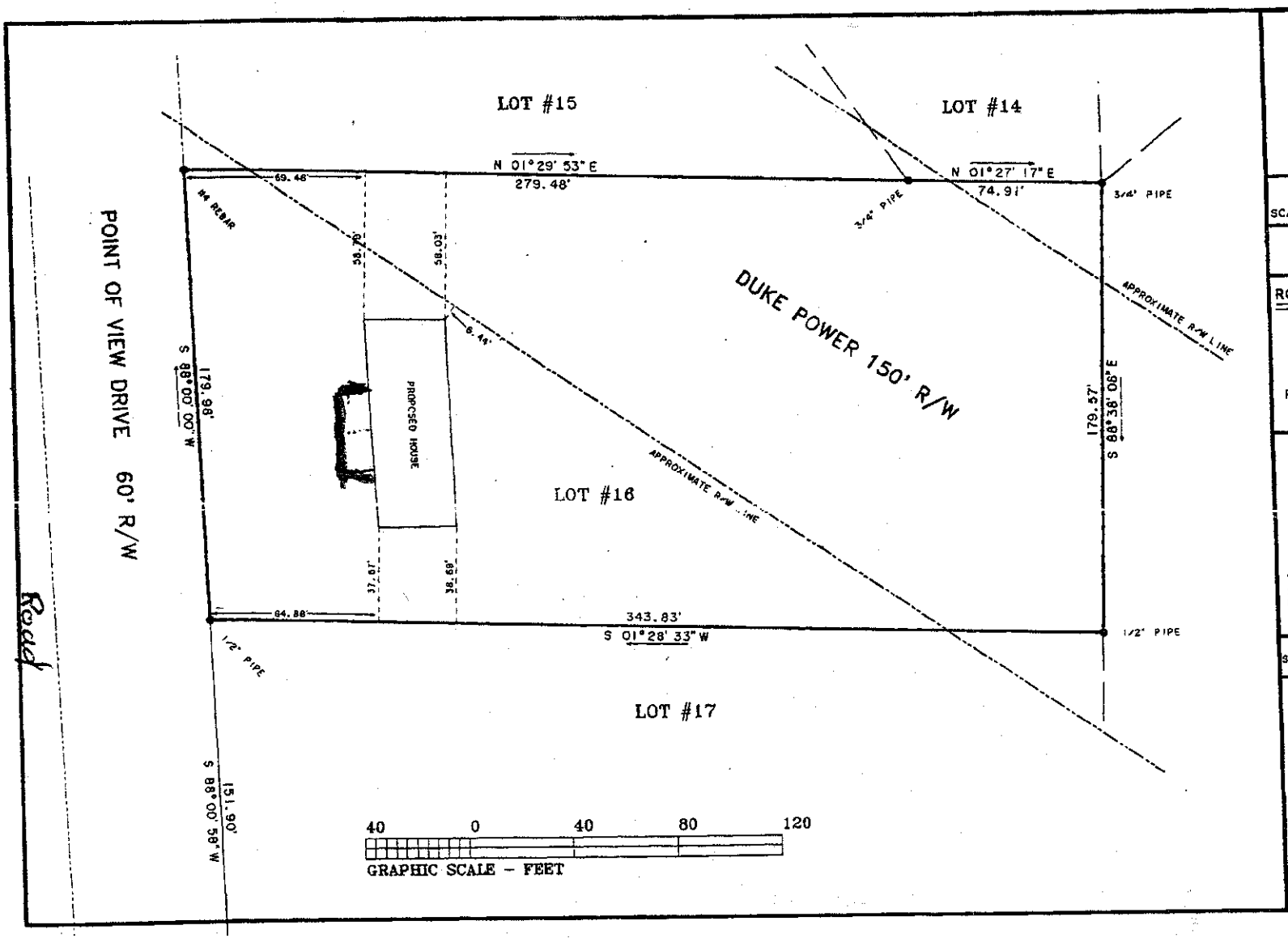
OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948):

EVALUATED BY:

OTHER(S) PRESENT:


POINT OF VIEW DRIVE
S 89° 00' W
N 89° 00' E
179.66'
N 01° 30' E
279.66'
S 01° 30' W
152.0'
180.0'
165'
80'
40' BUILDING SETBACK LINE
84 X 31 Max House
1484 FT
CCM
IPS
Gravel
4 lines
400'
Total 354.66
Total 344.83
281.5
180
130
70'
60-30
DUKE POWER RIGHT OF WAY
150'
N 89° 00' E
40' BUILDING



PHYSICAL SURVEY
FOR

SCALE: 1" = 40'

DB: PG:
DB: PG:
PB: PG:

RONNIE DEDMON SURVEYORS - P.A.

RONNIE DEDMON, PLS #1222
CHUCK POOVEY, PLS #[illegible]
ROBERT DEDMON, PLS #3899
PHILLIP HARRIS, PLS #4164
4837 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, N.C. 28037
PHONE: (704)-483-4908
FAX: (704)-483-2170

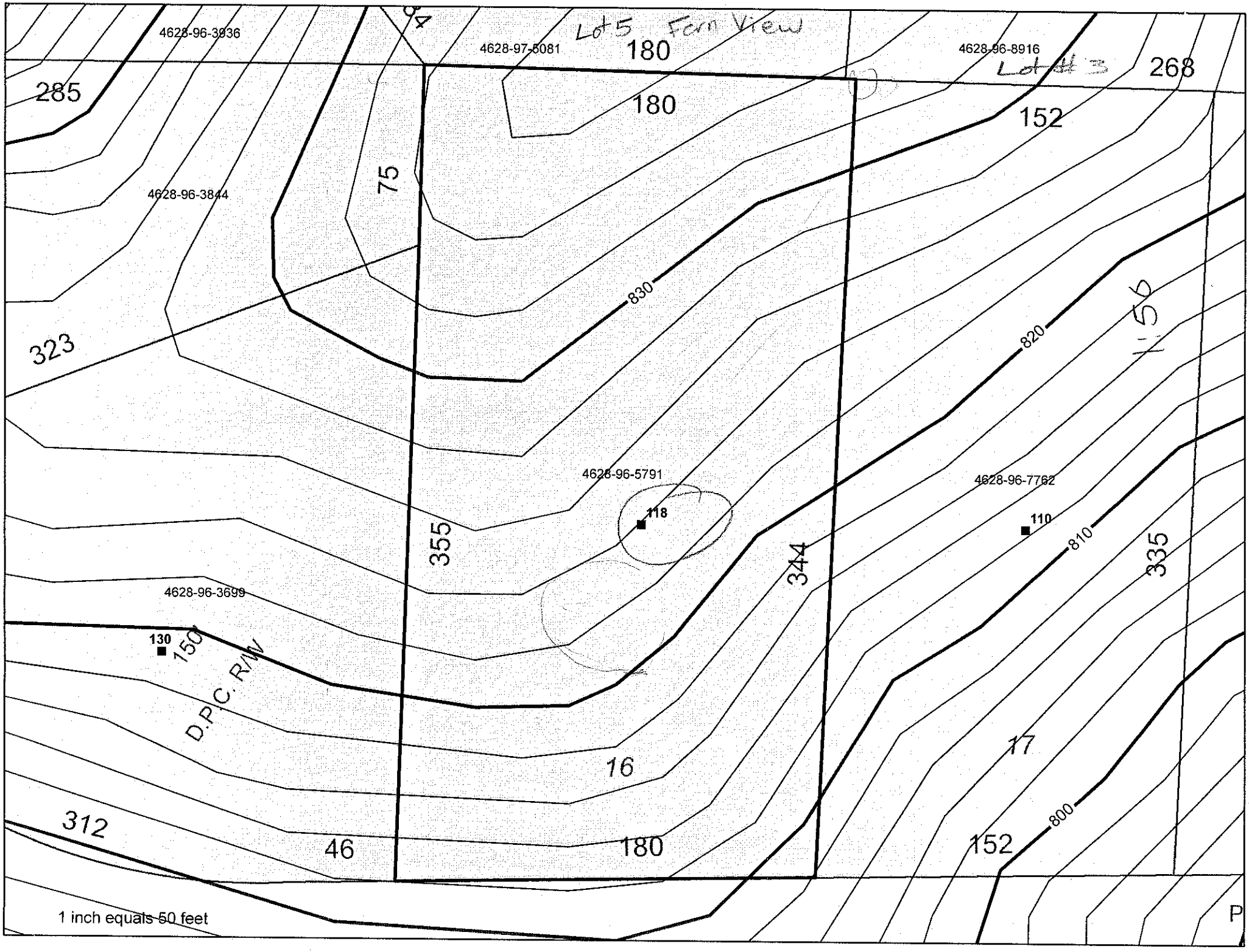
NORTH CAROLINA PROFESSIONAL SEAL L-4164 LAND SURVEYOR PHILLIP A. HARRIS

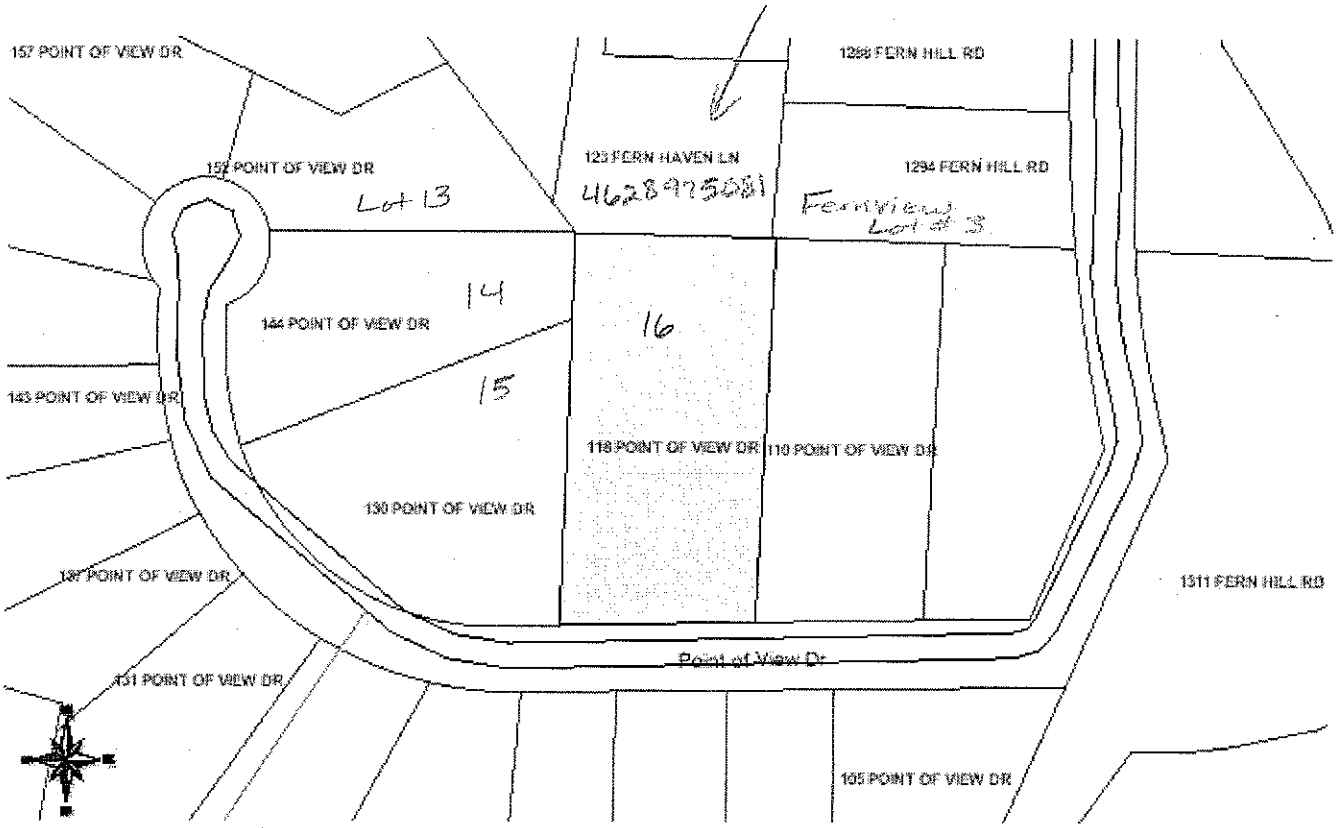
"I CERTIFY THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY AND IS CORRECT AND TRUE TO THE BEST OF MY KNOWLEDGE."

PROFESSIONAL LAND SURVEYOR — L-4164 LICENSE NO.

SURV. BY: PHIL | DRAWN BY: PHIL | JOB: PH2POV16

VICINITY MAP NOT TO SCALE


4628-96-3936
4628-97-5081
Lot 5 Farm View
4628-96-8916
Lot 4 3
285
180
180
268
152
75
4628-96-3844
830
820
323
5b
4628-96-5791
4628-96-7762
118
110
355
344
810
335
4628-96-3699
130
150'
D.P.C. R/W
16
17
312
46
180
800
152
1 inch equals 50 feet


157 POINT OF VIEW DR
152 POINT OF VIEW DR
Lot 13
123 FERN HAVEN LN
4628975081
1298 FERN HILL RD
1294 FERN HILL RD
Fernview Lot # 3
14
144 POINT OF VIEW DR
16
15
143 POINT OF VIEW DR
118 POINT OF VIEW DR
110 POINT OF VIEW DR
130 POINT OF VIEW DR
137 POINT OF VIEW DR
1311 FERN HILL RD
Point of View Dr
131 POINT OF VIEW DR
105 POINT OF VIEW DR