ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

PERMIT # RELAY-2022-11179

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4654-69-5120 ✓

APPLICANT / OWNER: LAKESHORE HOLDINGS LLC | APPLICANT ADDRESS: P. O. BOX 5350, MOORESVILLE, NC 28036

SITE ADDRESS: 145 RYLEIGH DAN PL, MOORESVILLE, NC 28115 ✓ | PHONE: 7047997609 | ALT. PHONE:

SITE DIRECTIONS: South on Mecklenburg Hwy @ Presbytarian @ Ryleigh Dan Ln on Left | SAP CONTROLLED: YES ☐ NO ☒

SUBDIVISION: Davidson Pond ✓ | SECTION: – | LOT #: 8 ✓ | LOT AREA: 4.44 | DESIGN FLOW: 480 | L.T.A.R.: .30

Septic Tank: (gal) 1000	STB: 7160	Date: 6/23/23	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: (gal) 1000	PT: 363	Date: 7/5/23	System Description: PM - 25% Reduction		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: CP - 50% Reduction		☐ Other	No. Employees: ✗	
# Nitrification Fields: 1	# Lines: 5	Linear Ft.: 400	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☐ Crawl Space	
Trench Width: 36in	Trench Bottom Depth ~~(Low side)~~: 24in		Gravel Depth: –	☐ GRAVITY ☑ PRESSURE	☑ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions:

INITIAL SITE SKETCH

1/2 Sch 40 Taps (5) = 35.55 gpm - Flow Rate
182 gallon Dose. = 5.11 min pump Run.
8.6 in Drawdown.

See attached Survey
approved 1-9-2023

AS BUILT SKETCH

Bottom 4 Lines & Tanks: 3/4/23 MW
Topline: 8/10/23 MW

Floats
Alarm
Electrical
Floats
PH
PM

} SH 3/15/24

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT with plat valid without expiration. ☑ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☐ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Bobby Fertig | Date:

IMPROVEMENT PERMIT by: Benjamin Bess | Date: 11/8/23

AUTHORIZATION TO CONSTRUCT by: Ben Butts | Date: 11/8/23

Installed By: Abernathey

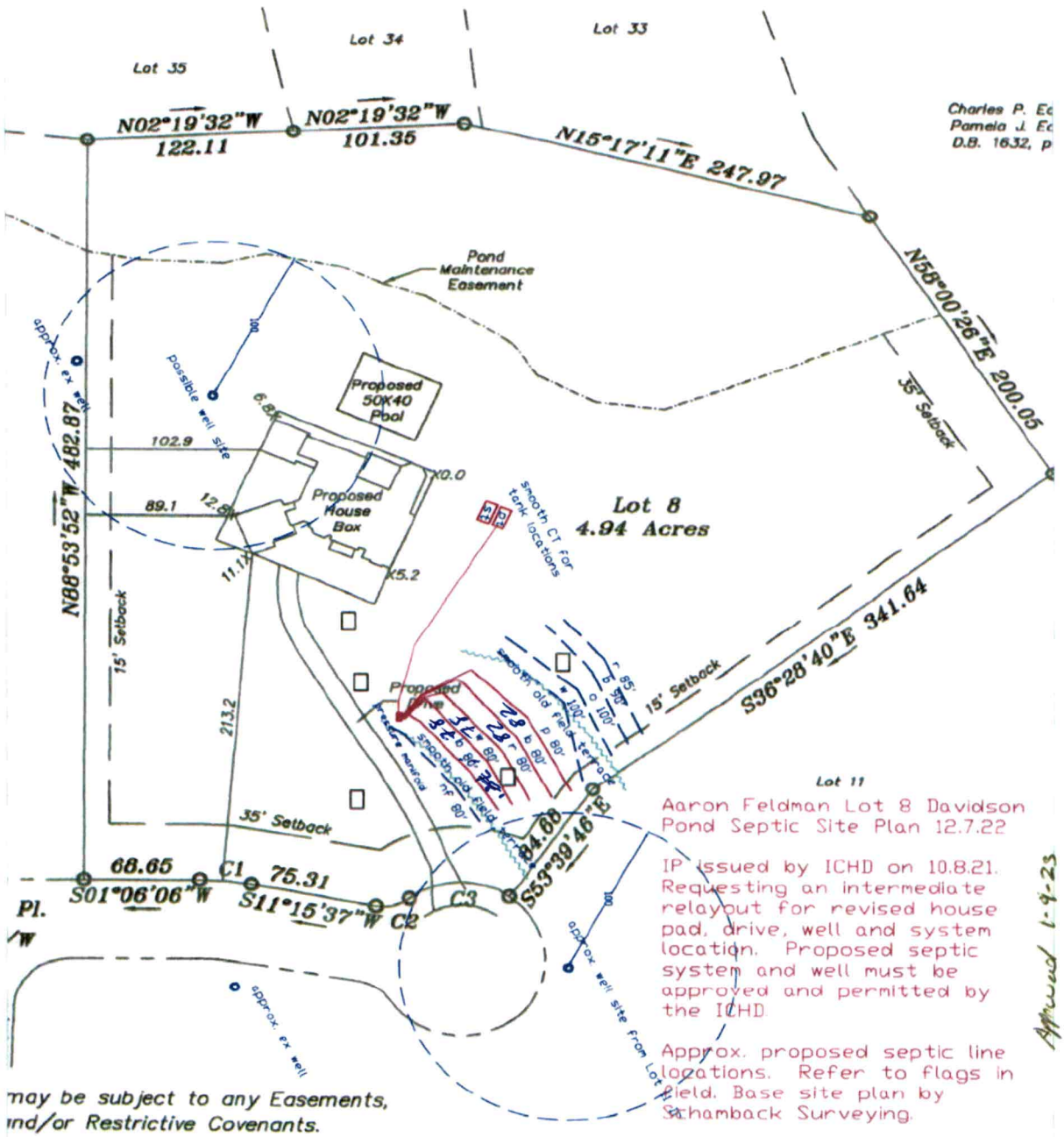
OPERATION PERMIT by: Rodney Haviland | Date: 3/15/24

Existing System Inspected By: | Date:

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 BETWEEN 8am-9am the day the inspection is needed.

Pole
y Pole
f Pavement

As Built



Aaron Feldman Lot 8 Davidson Pond Septic Site Plan 12.7.22

IP issued by ICHD on 10.8.21. Requesting an intermediate relayout for revised house pad, drive, well and system location. Proposed septic system and well must be approved and permitted by the ICHD.

Approx. proposed septic line locations. Refer to flags in field. Base site plan by Schamback Surveying.

Approved 1-9-23 BMS

may be subject to any Easements,
nd/or Restrictive Covenants.
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of an existing parcel or parcels of land.
U.S.G.S. Monuments could be located within 2000'.
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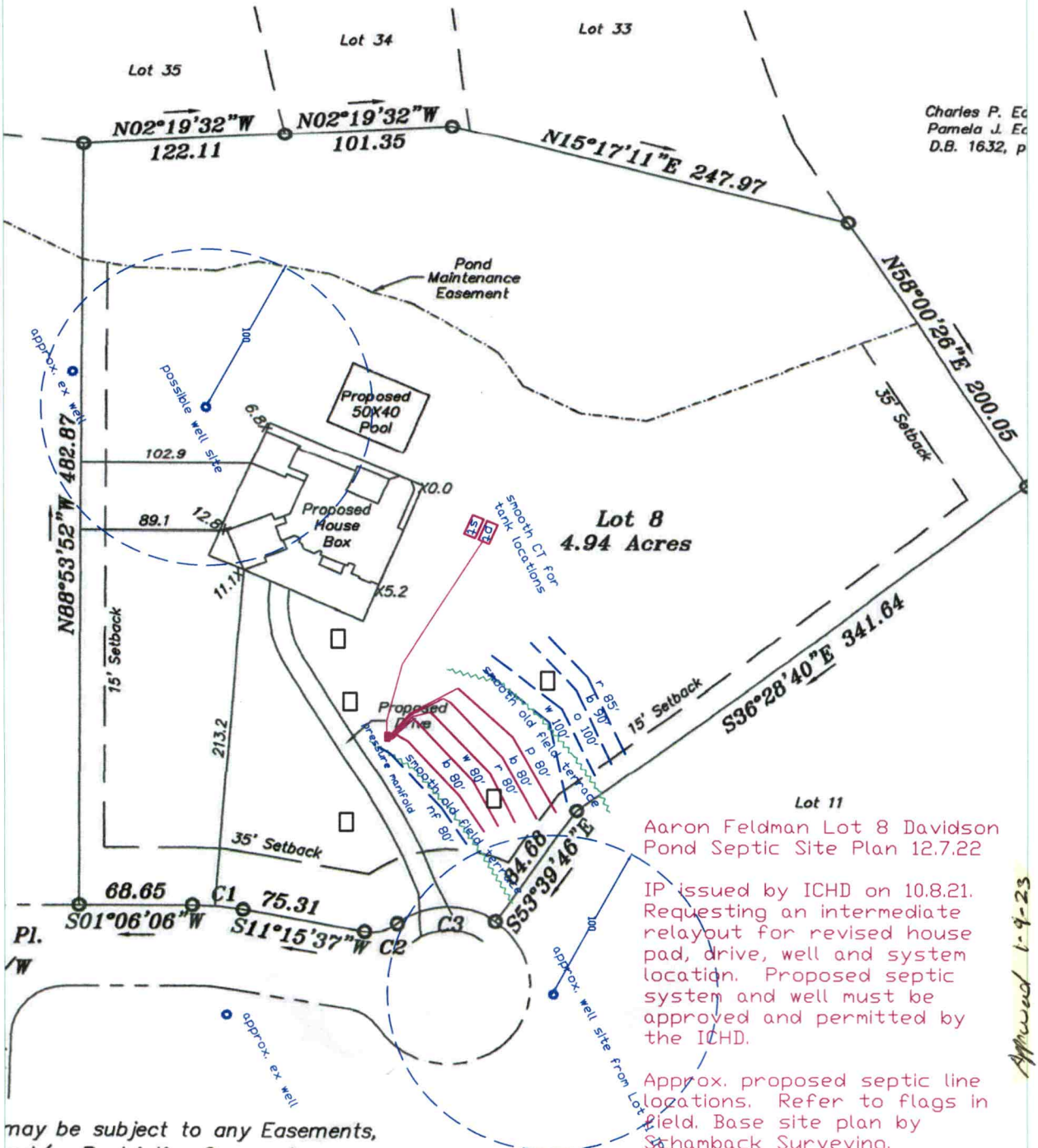
GRAPHIC SCALE

100 0 50 100

(IN FEET)
1 inch = 100 ft.
60ft

Plot Plan

Pole
y Pole
f Pavement



Aaron Feldman Lot 8 Davidson Pond Septic Site Plan 12.7.22

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Plot Plan

EPARTMENT OF HEALTH AND HUMAN SERVICES
IVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
N-SITE WATER PROTECTION BRANCH

Sheet ____ of ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM** Lot 8 Davidson Rd
(Complete all fields in full)

)WNER: _____ APPLICATION DATE _____
.DDRESS: _____ DATE EVALUATED: _____
ROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
.OCATION OF SITE: _____ PROPERTY RECORDED: _____
VATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
:VALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

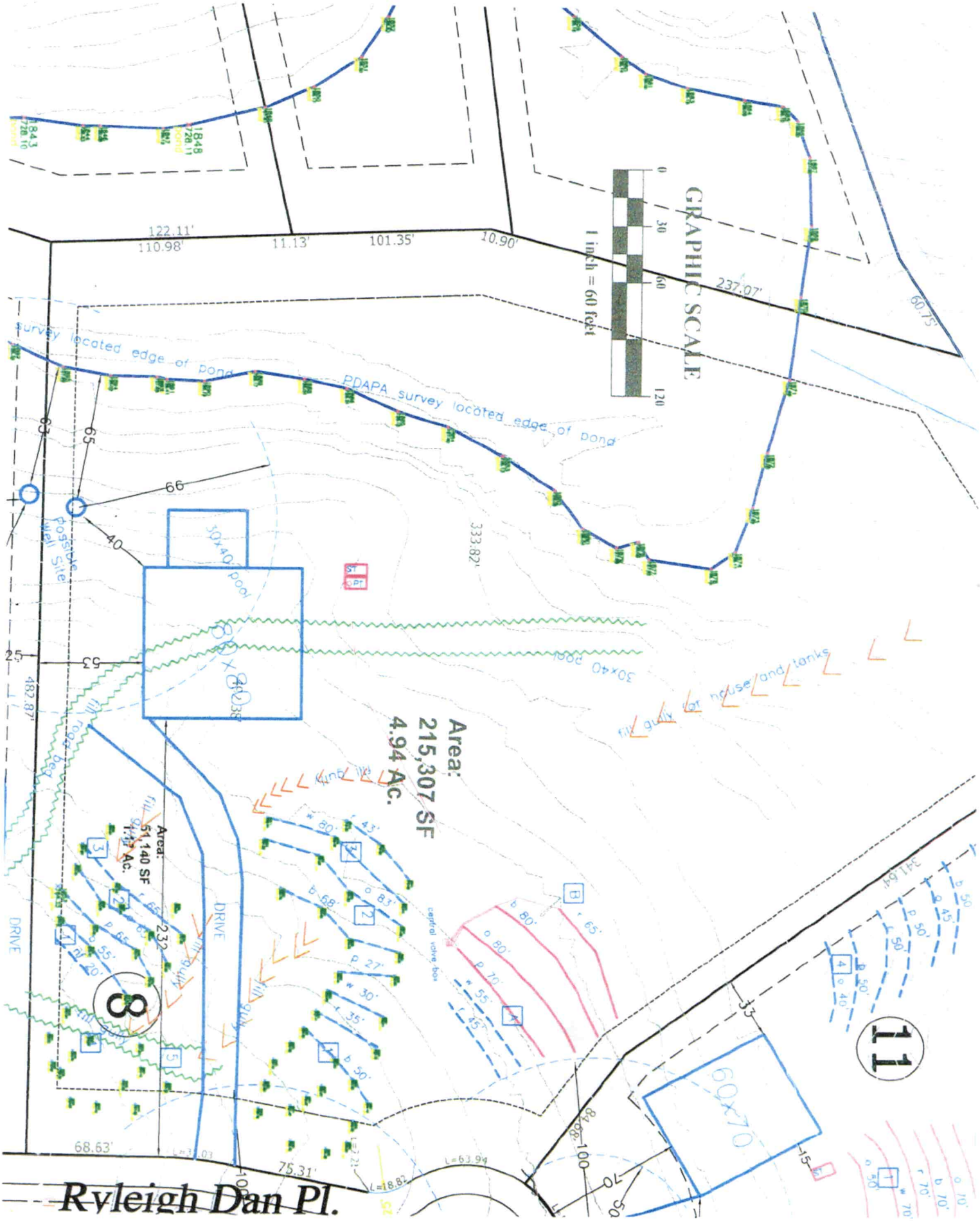
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Sideslope	0-12	SCL	SS Sp FP SBK		60		Lithic Mollic throughout	PS .30
		12-34	C SBK	SS Sp FR SBK					
		34-60	CL WBK	SS Sp FR SBK					
2		0-17	CL						PS .3
		17-24	CL						
		24-70	CSAP						
3		0-20	C				Sap in CL		PS .3
		20-41	CL						
		41-60	& SAP						
4		6-12	CL				Sap begins at 14		PS .25
		12-38	C						
		38+	Rock						

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: Need Block / Survey in field locating due Complex Topo / Small Area

Updated February 2014


GRAPHIC SCALE
1 inch = 60 feet
0
30
60
120
survey located edge of pond
PDAPA survey located edge of pond
Area:
215,307 SF
4.94 Ac.
Area:
51,140 SF
1.17 Ac.
50x40' pool
30x40' pool
possible well site
DRIVE
DRIVE
60x70
8
11
122.11'
110.98'
11.13'
101.35'
10.90'
237.07'
60.75'
333.82'
482.87'
68.63'
75.31'
Ryleigh Dan Pl.