IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # Z07872

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

PIN # 4638-90-4326

APPLICANT: CRAIGE POPPE APPLICANT ADDRESS: 170 SAGEMORE RD. - MOORESVILLE

SITE ADDRESS: SAME PHONE: ALT. PHONE:

SITE DIRECTIONS: PERTH, TR SAGEMORE, ON R SFE ON CORNER OF PERTH & SAGEMORE

SUBDIVISION: CL&T SECTION: 14 LOT # 16 LOT AREA: .78AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI		☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000	(gal)	PT		Date		System Description:		LP PANEL BLOCK			☐ Business	No. Persons		☒ Private
Pump Make			Model		Serial #		Repair System Description:		SAME			☐ Other	No. Employees		☐ Public
# Nitrification Fields	1		# Lines	4	Linear Ft:	275'	Maintenance Agreement Required:		☒ YES	☐ NO		☐ Slab	☐ Crawl Space		☐ Community
Trench Width	24"		Max. Trench Bottom Depth	36"	Gravel Depth				☐ GRAVITY	☒ PRESSURE		☒ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: * ABANDON EXISTING SEPTIC TANK *
EASEMENT ATTACHED

INITIAL SITE SKETCH

Off site Septic System -
SEE PLAN FROM
PIEDMONT DESIGN
SOILS INFORMATION
BY
MICHAEL ATHANAS
&
ASSOCIATES

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	4/14	ahw
Tanks Checked	7-13	BA
Pressure Manifold or Valve Box Checked	8-5	BA
Pressure Head Set		BA
Electrical Checked		BA
Floats Set		BA
Alarm Checked		BA
Maintenance Contract (Y) N	1-5-17	BA
Comments:		

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: Craige Poppe Date: 3-19-15 Installed by: LARRY HINKLE

IMPROVEMENT PERMIT by: BA APPROVED Date: MAR 13 2015 OPERATION PERMIT by: BA Date: 1-5-17

AUTHORIZATION TO CONSTRUCT by: BA Date: MAR-19-15 Existing System Inspected by: BA Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

I:\Engineering\1-Projects\2014\2014 - Misc. Septic\Poppe Offsite\dwg\Site 110514.dwg, Layout1, 3/6/2015 1:19:39 PM, ddecaron, RICOH Aficio MP C3500 PCL 5c.pc3, 11" x 17"

PUBLICATION OR REUSE OF THESE DRAWINGS OR ANY DETAILS WITHIN MUST BE WITH THE WRITTEN CONSENT OF PIEDMONT DESIGN ASSOCIATES, P.A.

Owner:

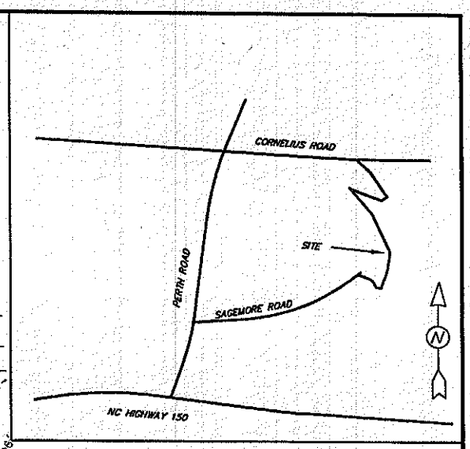
Approved:

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

811
Know what's below.
Call before you dig.



NOTE:
PROPOSED SEPTIC TANK AND PUMP TANK INVERTS SHALL BE SET AT AN ELEVATION THAT ALLOWS A MIN. 2.0% FALL FROM EX. RESIDENCE. EX. SEPTIC TANK TO BE ABANDONED.

THERE ARE NO WELLS IN THIS AREA. ALL RESIDENCES ARE SUPPLIED WATER BY A COMMUNITY WATER SYSTEM

EX. EASEMENT PER DB 1287 PG 322

EXISTING SEPTIC OFFSITE FORCEMAIN TURNUP LOCATIONS

APPROVED MAR 1 3 2015

TIE IN LOCATION FOR EX. FORCEMAIN(S)

PROP. 70 LF 6" D.I. CASING PIPE

MAINTAIN 5 FT SEPARATION BETWEEN NEW FORCEMAIN AND EX. SHED AND PROPERTY LINE

PROP. 15' SEPTIC ESMT.

PROP. 2" PVC OFFSITE FORCE MAIN PIPE(S)

EXISITNG 3 BEDROOM RESIDENCE

NORTH CAROLINA PROFESSIONAL SEAL 17327 ENGINEER DONALD L. MUNDAY

UTILITY NOTES:

1. CONTRACTOR SHALL BE LICENSED TO PERFORM WORK IN STATE OF NORTH CAROLINA
2. CONTRACTOR SHALL HAVE IN HIS/HER POSSESSION AT ALL TIMES APPROVED PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES (SHOWN OR NOT SHOWN ON PLANS) PRIOR TO ANY EXCAVATING ACTIVITIES. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

CONTRACTOR TO ENSURE NEW 1,000 GALLON PUMP TANK IS LOCATED OUTSIDE OF 50 FOOT LAKE BUFFER
PROP. TANK TOP ELEV: 764.50

CONTRACTOR TO INSTALL NEW SEPTIC TANK & PUMP TANK AT AN ELEVATION TO RECEIVE FLOW FROM EX SEPTIC TANK OUTLET AT A MIN. SLOPE OF 2.0%

EX. SEPTIC TANK TO BE ABANDONED

Sheet	Job: 2014-00-10	Drawn: DMD	Check: DMD	Scale: 1"=100' Ft	Date: 12/12/14
U-1					

REVISIONS	BY
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-5-2015	DMD
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-6-2015	DMD

Offsite Septic System Forcemain Plan
Septic System Repair
Lot 170 Sagemore Road
Mooresville, Iredell Co., North Carolina

PREPARED FOR:
Craig Poppe
170 Sagemore Road
Mooresville,NC 28117
336-972-4004

PIEDMONT DESIGN Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-1778 www.pdaea.com

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Owner:

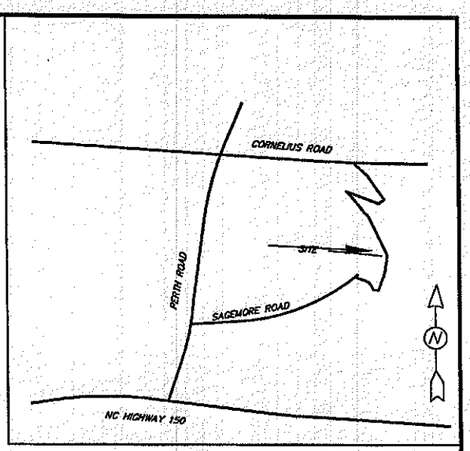
Approved:

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

811
Know what's below.
Call before you dig.



SCOTT F & PAUL A B GOODMAN
4638961284
161 SAGEMORE ROAD
MOORESVILLE NC 28117

ROBERT L SR & BARBARA A JEWELL
4638961387
165 SAGEMORE ROAD
MOORESVILLE NC 28117

PROP. 70 LF 6" D.I. CASING PIPE

PROP. 25' SEPTIC ESMT.

TIE IN LOCATION FOR EX. FORCEMAIN(S)

SAGEMORE ROAD
60 FT R/W

PROP. 2" PVC OFFSITE FORCE MAIN PIPE(S)

APPROVED MAR 13 2015

NORTH CAROLINA PROFESSIONAL SEAL 17327 ENGINEER DONALD L. MUNDAY

MARK E & JANET S KENNEY
4638965109
0162 SAGEMORE ROAD
MOORESVILLE NC 28117

CRAIG & CHRISTINE POPPE
4638964326
170 SAGEMORE ROAD
MOORESVILLE NC 28117

EX. SHED

EX. W&I

EXISTING RESIDENCE

EXISTING RESIDENCE

MAGNETIC

SAGEMORE ROAD
60' R/W

CENTERLINE OF SAGEMORE ROAD

APPROXIMATE LOCATION OF EX. OFFSITE FORCEMAIN(S). CONTRACTOR TO VERIFY EXACT HORIZONTAL & VERTICAL LOCATION OF PIPES.

EXISTING GRADE

PROP. 70 LF OF 6-INCH STEEL CASING PIPE. MIN. THICKNESS SHALL BE 0.250 INCHES. BURY DEPTH SHALL BE 36 INCHES FROM ROAD GRADE TO TOP OF STEEL CASING PIPE. CONTRACTOR SHALL INSTALL CASING SPACERS AS REQUIRED ON PVC CARRIER PIPE(S). CONTRACTOR TO GROUT END OF CASING PIPE ONCE PIPE(S) HAVE BEEN SLEEVED.

PROP. 2-INCH SCH 40 PVC FORCEMAIN(S) FOR OFFSITE SEPTIC SYSTEM. MIN BURY SHALL BE 36-INCHES BELOW EXISTING GRADE. CONTRACTOR SHALL INSTALL LOCATOR TAPE WITH INTEGRATED TRACER WIRE 18-INCHES ABOVE PIPE.

DATUM ELEV
755.00

10+00	11+00	12+00	13+00	14+00
758.7	763.5 767.6	772.2	775.8	778.8 781.7	782.8	782.8	782.9

OFFSITE SEPTIC FORCEMAIN(S)

REVISIONS	BY
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-3-2015	DMD
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-6-2015	DMD

Sheet 1-2 of Sheets
Job: 2014-00-10
Checked: DLM
Scale: Horiz. 1"=50' Ft. Vert. 1"=5' Ft.
Date: 12/22/14

Offsite Septic System Forcemain Plan/Profile
Septic System Repair
Lot 170 Sagemore Road
Mooresville, Iredell Co., North Carolina

PREPARED FOR:
Craig Poppe
170 Sagemore Road
Mooresville,NC 28117
336-972-4004

PIEDMONT DESIGN Associates, P.A.
Suite 101 Westfield Center, 125 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-1778 www.pdapa.com

(2) EX. 3-INCH PVC FORCEMAINS FOR OFFSITE LOT 30A & 30B

TURNUP LOCATION OF EX. OFFSITE FORCEMAIN

PROP. (4) 1.25" GATE VALVES INSTALL IN CENTRAL LOCATION IN ACCESS RISER(S) TO GRADE

EX. EASEMENT PER DB 1287 PG 322

PROP. DRAINFIELD LAYOUT TO SERVE 170 SAGEMORE RD SEPTIC SYSTEM (C. POPPE RESIDENCE)

REPAIR PPBPS LATERALS

LATERALS FLAGGED BY MICHAEL ATHANAS, LSS & SURVEY LOCATED BY PIEDMONT DESIGN ASSOC., PA

BENCHMARK TOP #4 BAR ELEV: 796.00

35' Offsite Forcemain Easement

10' Setback

463886755 CORY L & CARLA C STUTTS 123 HARBOR LANDING DR MOORESVILLE NC 28117

463886630 THOMAS J & KATHLEEN DIBERNARD 127 HARBOR LANDING DR MOORESVILLE NC 28117

463886480 STUMPY CREEK LLC 614 N MAIN ST SALISBURY NC 28144

463886351 GEM CUSTOM HOMES LLC 4516 NEW GARDEN COURT CHARLOTTE NC 28215

APPROVED MAR 13 2015

MAGNETIC

PERTH ROAD
60 FT R/W

SAGEMORE ROAD
60 FT R/W

Lot 30A

Lat. No.	Color	Elevation
1	Pink	796.14
2	Black	795.90
3	Blue	795.63
4	Black	795.40
5	Blue	795.10
6	White	794.80
7	Pink	794.30

PRIMARY
PINK – 72.33 LF – 17 PANELS
BLACK – 72.33 LF – 17 PANELS
BLUE – 52.00 LF – 12 PANELS
BLACK – 72.33 LF – 17 PANELS

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 17837 DONALD L. MUNDY

811 Know what's below. Call before you dig.

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Suite 101 Westfield Center, 125 East Plaza Drive Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-1776 www.pdainc.com

PREPARED FOR: Craig Poppe
170 Sagemore Road
Mooresville,NC 28117
336-972-4004

Septic System Drainfield Plan
Septic System Repair
Lot 170 Sagemore Road
Mooresville, Iredell Co., North Carolina

REVISIONS	BY
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-3-2015	DMD
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 3-5-2015	DMD

Date: 12/22/14
Scale: 1"=30 Ft 2' Contours
Drawn: DMD
Checked: DLM
Job: 2014-00-10
Sheet U-3
of 4 Sheets

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Owner:

Approved:

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