IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT # 208553

APPLICANT: MARK KENNEY | APPLICANT ADDRESS: 162 SAGEMORE RD. - Mooresville | PIN # 4638-96-4109

SITE ADDRESS: SAME | PHONE: 704-928-8826 | ALT. PHONE:

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

SUBDIVISION: CLET | SECTION: 14 | LOT # 17 | LOT AREA: .76 AC | DESIGN FLOW: 480 | L.T.A.R.: 3

Septic Tank: EXISTING 1000 (gal) | STB | Date
Pump Tank: NEW 1000 (gal) | PT | Date
Pump Make | Model | Serial #
Nitrification Fields: 1 | # Lines: 4 | Linear Ft: 268'
Trench Width: 24" | Max. Trench Bottom Depth: 36" | Gravel Depth

☒ New System ☐ Repair ☐ Expansion | System Type: I II III (IV) V VI
System Description: LP PANEL BLOCK
Repair System Description:
Maintenance Agreement Required: ☒ YES ☐ NO
☐ GRAVITY ☒ PRESSURE

☒ Residence | No. Bedrooms: 4
☐ Business | No. Persons
☐ Other | No. Employees
☐ Slab | ☐ Crawl Space
☒ Basement w/plumbing | ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: EASEMENT ATTACHED

INITIAL SITE SKETCH

Off site system –

SEE PLAN FROM
PIEDMONT DESIGN
SOILS INFORMATION
BY
MICHAEL ATHANAS
&
ASSOCIATES

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	6/14	
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: Mark Kenney

IMPROVEMENT PERMIT by: [signature] Date: 3/23/15

APPROVED MAR 13 2015

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 5-8-15

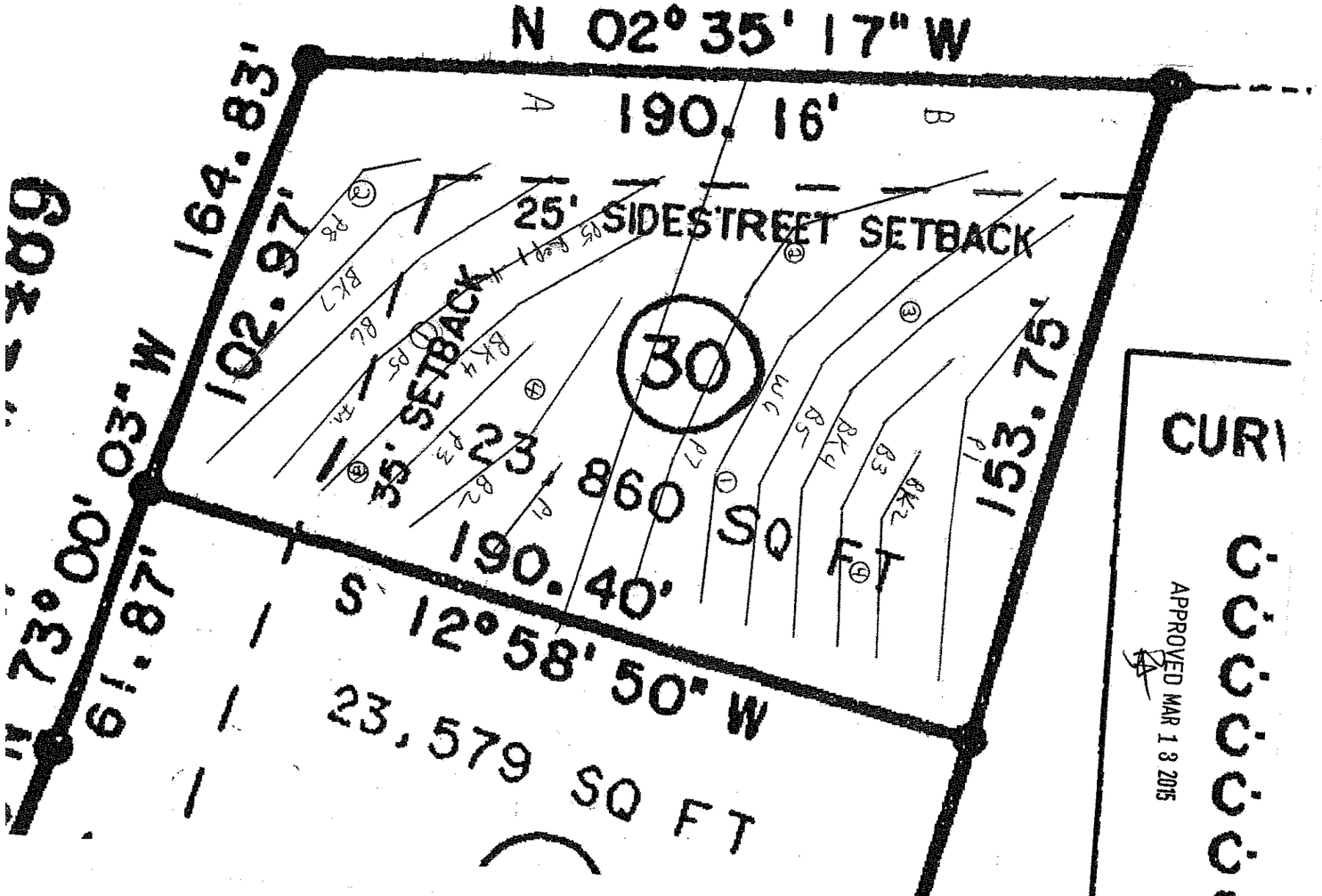
Installed by: Larry Hinkle

OPERATION PERMIT by: [signature] Date: 1-5-17

Existing System Inspected by: Date:

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

S.R. #1303 60' R/W


N 02° 35' 17" W
190.16'
A
B
164.83'
102.97'
25' SIDESTREET SETBACK
35' SETBACK
30
860 SQ FT
190.40'
S 12° 58' 50" W
153.75'
61.87'
S 73° 00' 03" W
23,579 SQ FT
CURV
APPROVED MAR 1 8 2015

I:\Engineering\1-Projects\2014\2014 - Misc. Septic\Poppe Offsite\dwg\Site 110514.dwg, Layout1, 3/6/2015 1:20:11 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:

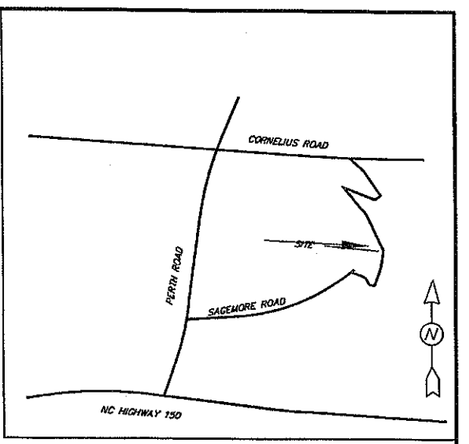
Approved:

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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



SCOTT F & PAULA B GOODMAN
4638981264
161 SAGEMORE ROAD
MOORESVILLE NC 28117

ROBERT L JR & BARBARA A JEWELL
4638981327
159 SAGEMORE ROAD
MOORESVILLE NC 28117

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

PROP. 25' SEPTIC ESMT.

TIE IN LOCATION FOR EX. FORCEMAIN(S)

APPROVED MAR 13 2015

SAGEMORE ROAD
60 FT R/W

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

MAGNETIC

EX. SHED

Ex. Well

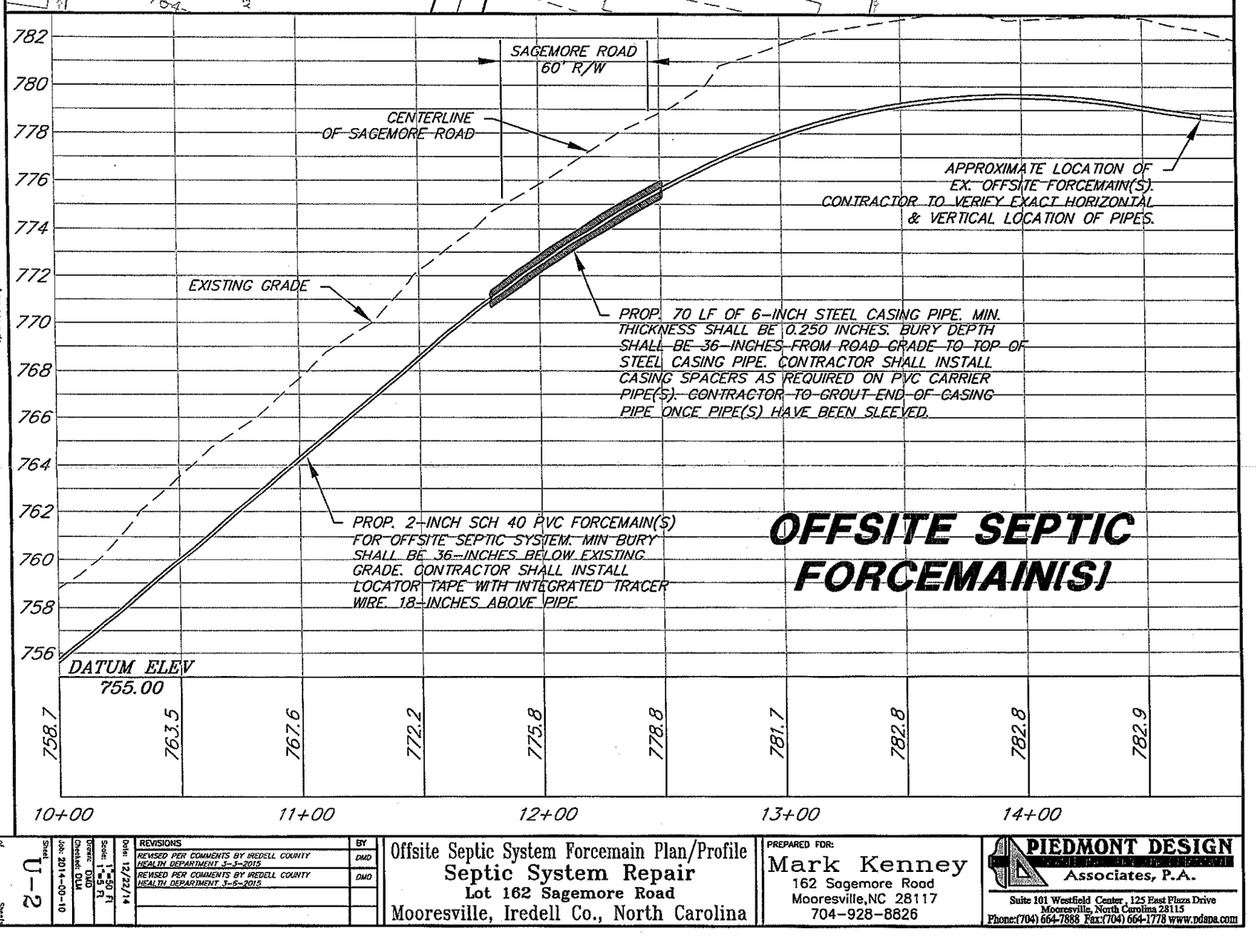
MARK E & VANESSA A KENNEY
4638964109
162 SAGEMORE ROAD
MOORESVILLE NC 28117

EXISTING RESIDENCE

CRAIG & CHRISTINE POPPE
4638964326
170 SAGEMORE ROAD
MOORESVILLE NC 28117

EXISTING RESIDENCE

NORTH CAROLINA PROFESSIONAL SEAL 17327 ENGINEER DONALD L. MUNDAY 3/09/15



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 U-2 of Sheets
Job: 2014-00-10
Checked: DLM
Drawn: DMD
Scale: 1"=50' ft
Date: 12/22/14

Offsite Septic System Forcemain Plan/Profile
Septic System Repair
Lot 162 Sagemore Road
Mooresville, Iredell Co., North Carolina

PREPARED FOR:
Mark Kenney
162 Sagemore Road
Mooresville, NC 28117
704-928-8826

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

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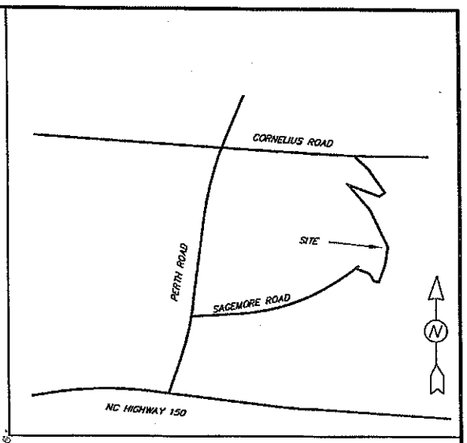
Approved:

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 PUMP TANK INVERT SHALL BE SET AT AN ELEVATION THAT ALLOWS A MIN. 2.0% FALL FROM EXISTING SEPTIC TANK OUTLET

EX. EASEMENT PER DB 1287 PG 322

EXISTING SEPTIC OFFSITE FORCEMAIN TURNUP LOCATIONS

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

TIE IN LOCATION FOR EX. FORCEMAIN(S)

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

PROP. 15' SEPTIC ESMT.

EXISITNG 3 BEDROOM RESIDENCE

APPROX. LOCATION OF EX. SEPTIC TANK CONTRACTOR TO VERIFY

APPROVED MAR 1 3 2015

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

CONTRACTOR TO ENSURE NEW 1,000 GALLON PUMP TANK IS LOCATED OUTSIDE OF 50 FOOT LAKE BUFFER
PROP. TANK TOP ELEV: 763.75

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

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.

NORTH CAROLINA PROFESSIONAL SEAL 032 ENGINEER DONALD D. MONDAY

Sheet U-1 of Sheets

Job: 2014-00-10
Checked: DLM
Drawn: DMD
Scale: 1"=100' Ft
Date: 12/22/14

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

Offsite Septic System Forcemain Plan
Septic System Repair
Lot 162 Sagemore Road
Mooresville, Iredell Co., North Carolina

PREPARED FOR:
Mark Kenney
162 Sagemore Road
Mooresville, NC 28117
704-928-8826

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

Lot 30B

Lat. No.	Color	Elevation
1	Pink	793.50
2	Blue	793.00
3	Pink	792.70
4	Black	792.40
5	Pink	792.10
6	Blue	791.60
7	Black	790.70
8	Pink	789.90

BENCHMARK TOP #4 BAR ELEV: 796.00

4638667555
CORY L & CARLA C STUTTS
123 HARBOR LANDING DR
MOORESVILLE NC 28117

35' Offsite Forcemain Easement

4638666480
STUMPY CREEK LLC
614 N MAIN ST
SALISBURY NC 28144

4638663351
GEM CUSTOM HOMES LLC
4516 NEW GARDEN COURT
CHARLOTTE NC 28215

MAGNETIC

APPROVED MAR 1 3 2015

TURNUP LOCATION OF EX. OFFSITE FORCEMAIN

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

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

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL DONALD L. MAY

4638866630
THOMAS J & KATHLEEN DIBERNARD
127 HARBOR LANDING DR
MOORESVILLE NC 28117

EX. EASEMENT PER DB 1287 PG 322

10' Setback

PROP. DRAINFIELD LAYOUT TO SERVE 162 SAGEMORE RD SEPTIC SYSTEM (MARK KENNEY RESIDENCE)

REPAIR PPBPS LATERALS

PERTH ROAD
60 FT R/W

SAGEMORE ROAD
60 FT R/W

Know what's below. Call before you dig.

PRIMARY
BLUE - 69.32 LF - 16 PANELS
PINK - 52.00 LF - 12 PANELS
BLACK - 72.33 LF - 17 PANELS
PINK - 72.33 LF - 17 PANELS

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

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Owner:

Approved:

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Suite 101 Westfield Center, 124 East Plaza Drive
Mooresville, North Carolina 28115
Phone:(704) 664-7888 Fax:(704) 664-1778 www.pdapa.com

PREPARED FOR:
Mark Kenney
162 Sagemore Road
Mooresville,NC 28117
704-928-8826

Septic System Drainfield Plan
Septic System Repair
Lot 162 Sagemore Road
Mooresville, Iredell Co., North Carolina

REVISIONS	BY
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 1-5-2015	DMD
REVISED PER COMMENTS BY IREDELL COUNTY HEALTH DEPARTMENT 2-6-2015	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

I:\Engineering\1-Projects\2014\2014 - Misc. Septic\Poppe Offsite\dwg\Site 110514.dwg, Layout1, 3/6/2015 1:20:39 PM, ddecarro, RICOH Aficio MP C3500 PCL 5e,pc3, 11" x 17"