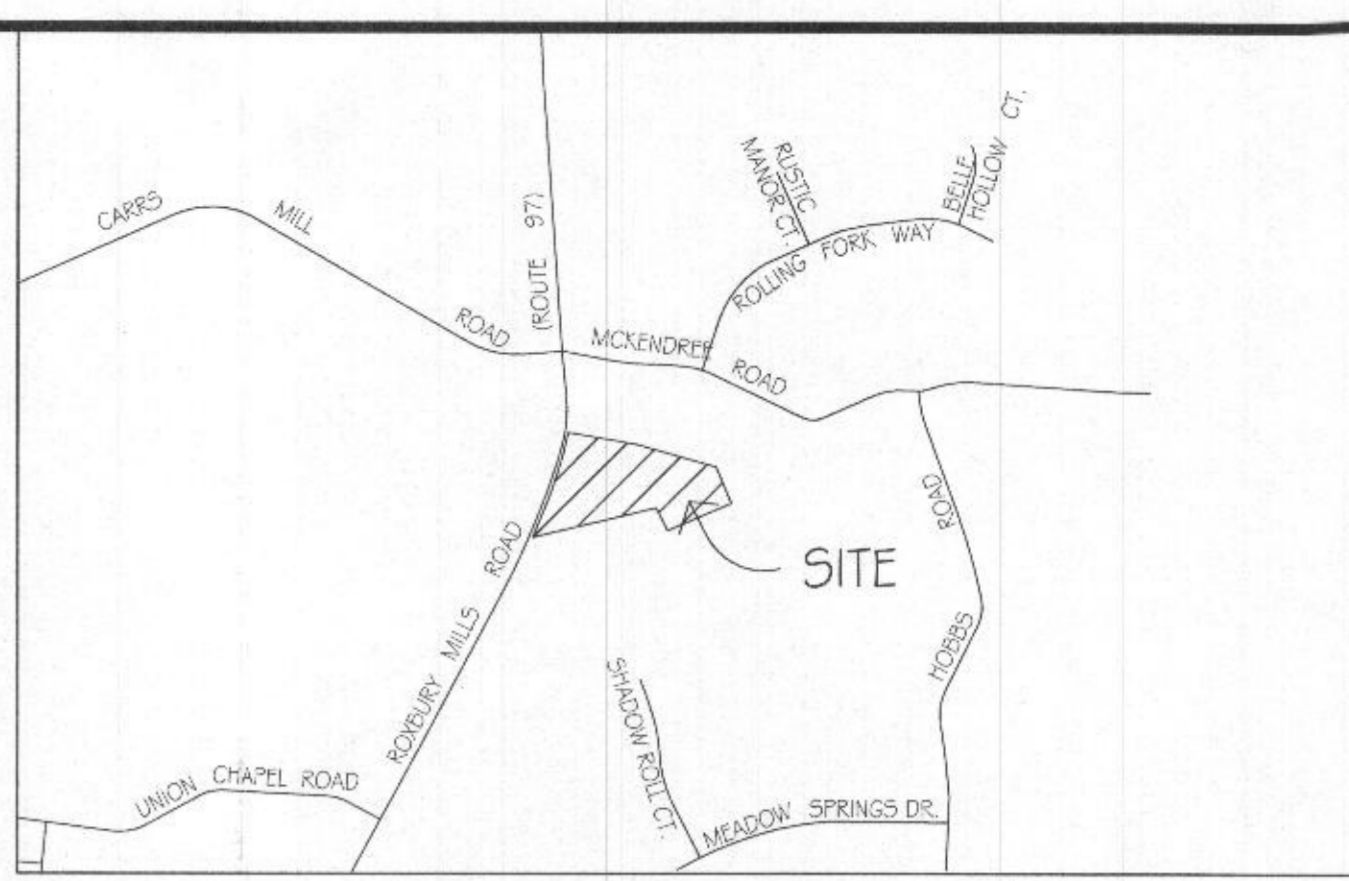
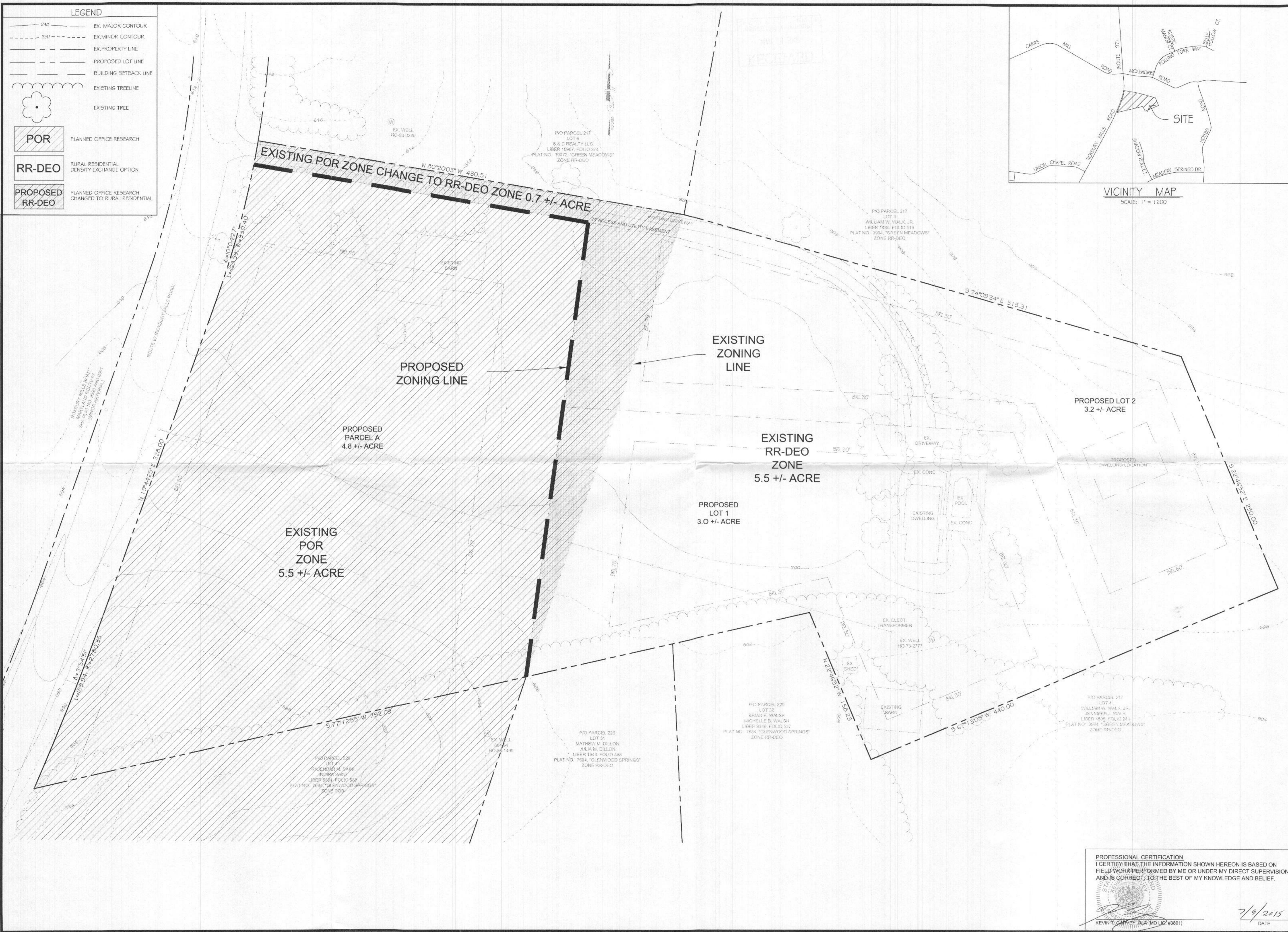


LAST SAVED 7/8/2015 LAST PLOTTED 7/9/2015 5:08 PM SHEET X-Axiom ED WORKING DOCUMENTS-ROXBURY SHEET ZONING CHANGE

LEGEND

- EX. MAJOR CONTOUR
- EX. MINOR CONTOUR
- EX. PROPERTY LINE
- PROPOSED LOT LINE
- BUILDING SETBACK LINE
- EXISTING TREELINE
- EXISTING TREE
- POR** PLANNED OFFICE RESEARCH
- RR-DEO** RURAL RESIDENTIAL DENSITY EXCHANGE OPTION
- PROPOSED RR-DEO** PLANNED OFFICE RESEARCH CHANGED TO RURAL RESIDENTIAL



Axiom Engineering Design
Civil Engineering • Land Surveying • Landscape Architecture • Land Planning
5950 Columbia Gateway Dr., Office: 443.276.6220
Ste 150, Fax: 443.276.6221
Columbia, Maryland 21046
www.axiom-ed.com
info@axiom-ed.com

OWNERS/CLIENTS
KENTON DARR CANTY
GLENWOOD, MARYLAND 21078

DATE	BY	REVISIONS

ZONING MAP AMENDMENT EXHIBIT
ROXBURY
2604 ROUTE 97
GLENWOOD, MD 21738
TAX MAP 14
PART OF PARCEL 217
4 TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

PROFESSIONAL CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

KEVIN T. GARREY, PLA (MD LIC #3801)

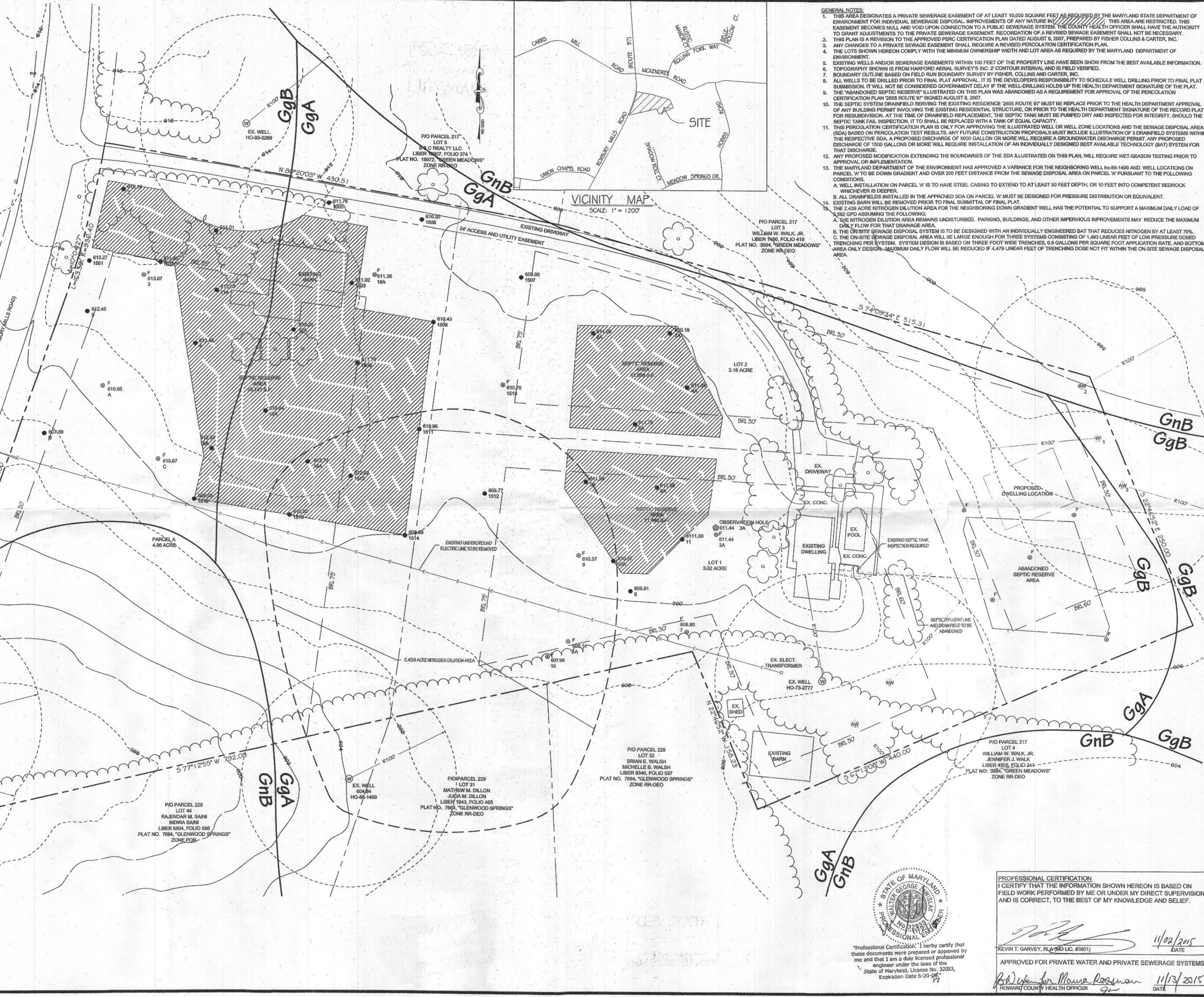
7/9/2015
DATE

DRAWN:	KTG
CHECKED:	
DATE:	03/26/2015
PROJECT NO.:	
SCALE:	1" = 40'
SHEET:	1 OF 1

LAST SAVED 11/2/2015 11:54 PM SHEET 2 ENGINEERING, GULLIMAR WORKING DOCUMENTS, TOBURY GIBBY PERC CERT

LEGEND

- 240 EX. MAJOR CONTOUR
- 250 EX. MINOR CONTOUR
- EX. PROPERTY LINE
- - - PROPOSED LOT LINE
- BUILDING SETBACK LINE
- EXISTING TREELINE
- GgA EXISTING TREE
- W EXISTING WELL
- W ALTERNATE WELL
- W PROPOSED WELL
- F PERC TEST LOCATION PASS ON 1/2/2006
- F PERC TEST LOCATION FAILED ON 1/2/2006
- F 1A WET SEASON PERC TEST PASS ON 04/03/07
- F 1A WET SEASON PERC TEST FAIL ON 04/03/07
- F 1500 WET SEASON PERC TEST PASS ON 05/06-08/2015
- F 1500 WET SEASON PERC TEST FAILED ON 05/06-08/2015
- SEPTIC DISPOSAL AREA



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OWNER/DEVELOPER
KEVIN AND MARA GARVEY
2605 ROUTE 97
GLENWOOD, MD 21738
PH: 443-502-5112
K.GARVEY@AXIOM-ED.COM

NO.	DATE	BY	REVISIONS

PERCOLATION CERTIFICATION PLAN
2605 ROUTE 97 (ROXBURY)
2604 ROUTE 97
GLENWOOD, MD 21738
4 TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TAX MAP 14
PART OF PARCEL 217

DRAWN: KTG
CHECKED: _____
DATE: 11/02/2015
PROJECT NO.: _____
SCALE: 1" = 40'
SHEET: 1 OF 1



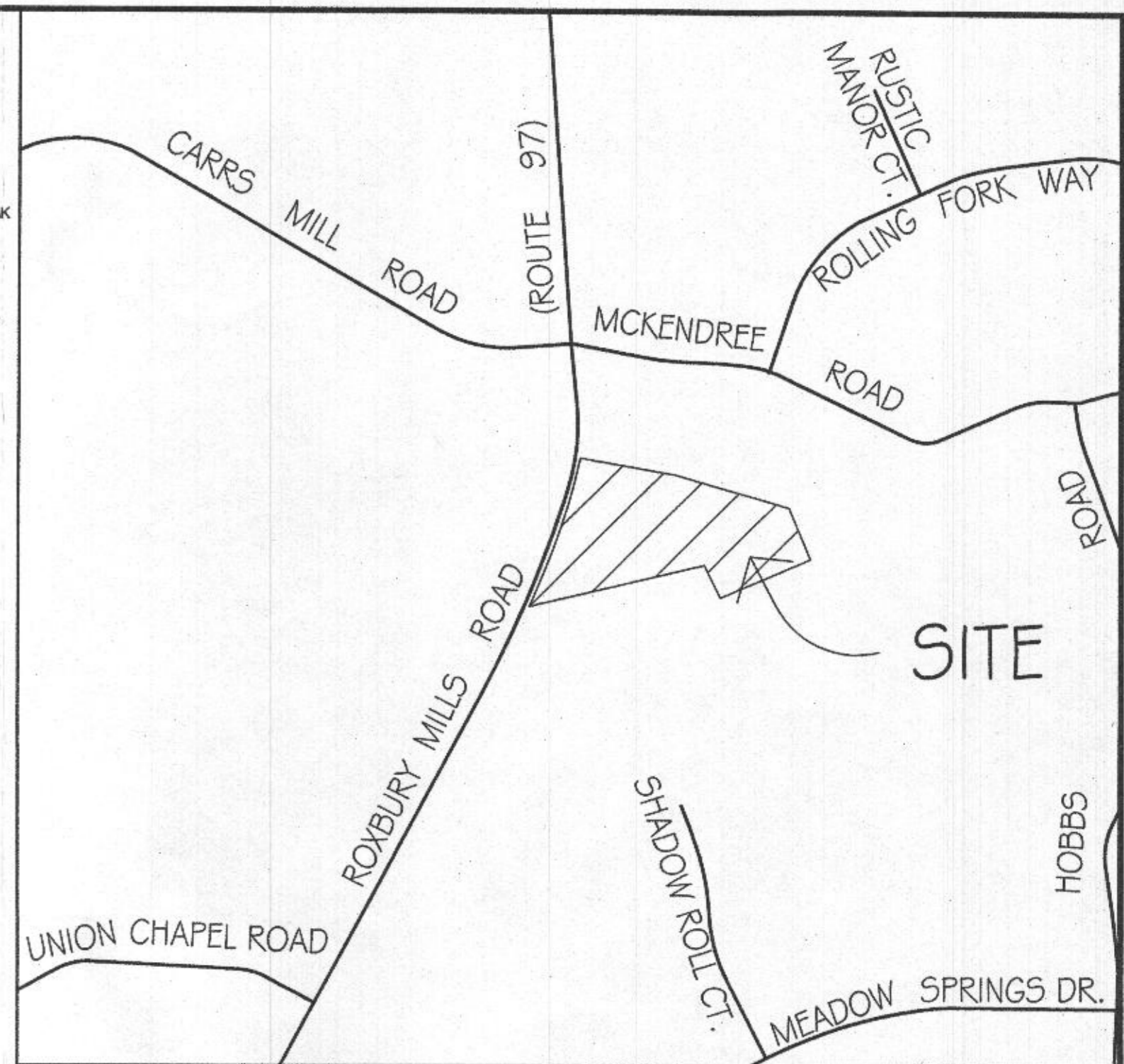
"Professional Certification": I hereby certify that these documents were prepared or approved by me and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. 32033, Expiration Date 5-20-2017

PROFESSIONAL CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

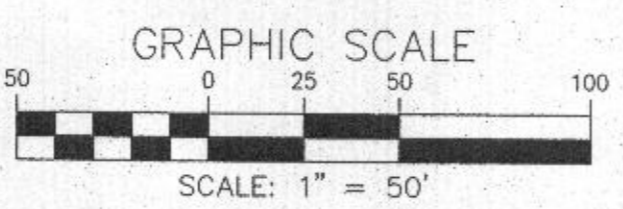
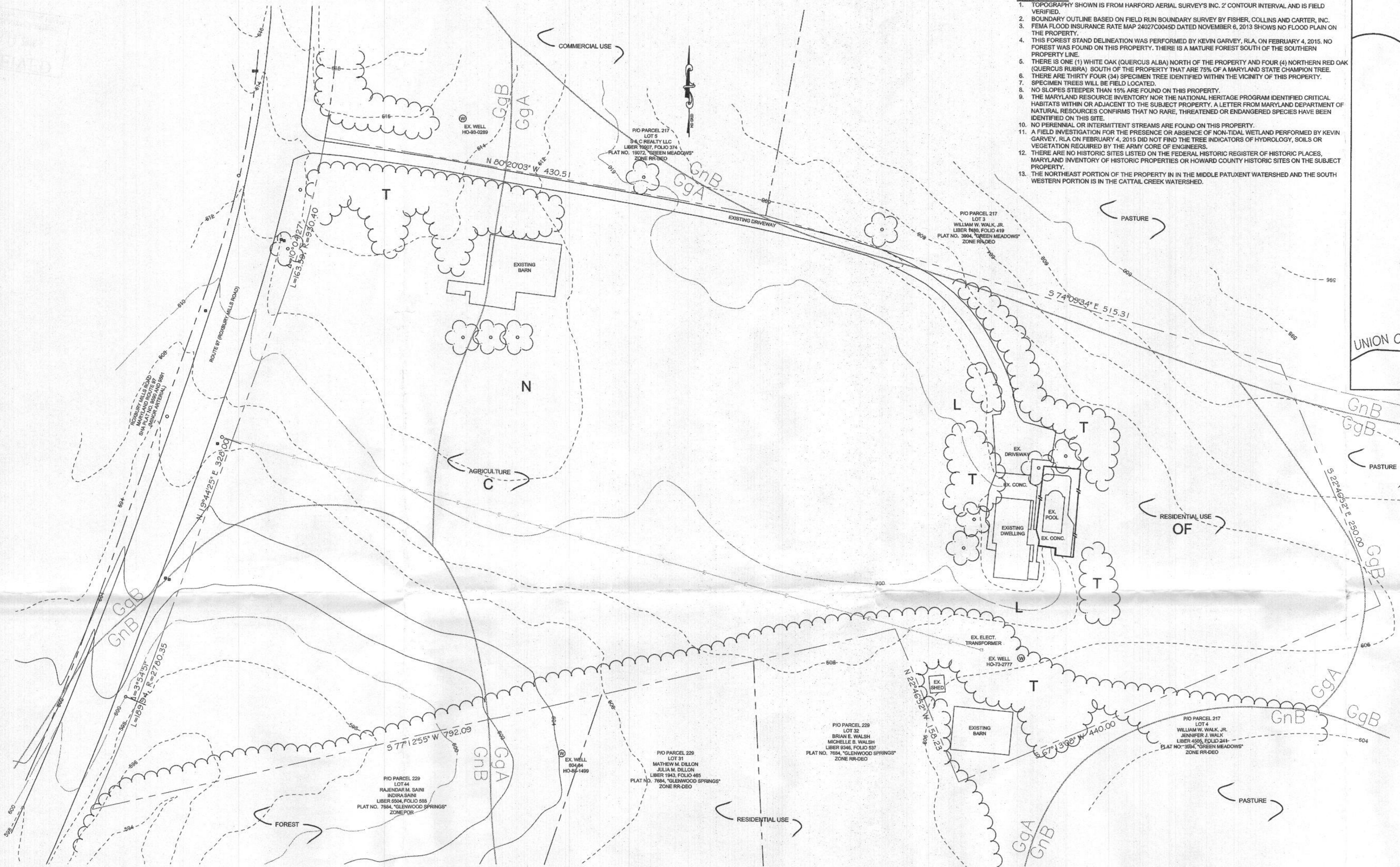
KEVIN T. GARVEY, P.E. (MD LIC. #3801) 11/02/2015
DATE

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH OFFICER 11/13/2015
DATE

- GENERAL NOTES:**
1. TOPOGRAPHY SHOWN IS FROM HARFORD AERIAL SURVEY'S INC. 2' CONTOUR INTERVAL AND IS FIELD VERIFIED.
 2. BOUNDARY OUTLINE BASED ON FIELD RUN BOUNDARY SURVEY BY FISHER, COLLINS AND CARTER, INC.
 3. FEMA FLOOD INSURANCE RATE MAP 24027C045D DATED NOVEMBER 8, 2013 SHOWS NO FLOOD PLAIN ON THE PROPERTY.
 4. THIS FOREST STAND DELINEATION WAS PERFORMED BY KEVIN GARVEY, R.L.A. ON FEBRUARY 4, 2015. NO FOREST WAS FOUND ON THIS PROPERTY. THERE IS A MATURE FOREST SOUTH OF THE SOUTHERN PROPERTY LINE.
 5. THERE IS ONE (1) WHITE OAK (QUERCUS ALBA) NORTH OF THE PROPERTY AND FOUR (4) NORTHERN RED OAK (QUERCUS RUBRA) SOUTH OF THE PROPERTY THAT ARE 75% OF A MARYLAND STATE CHAMPION TREE.
 6. THERE ARE THIRTY FOUR (34) SPECIMEN TREE IDENTIFIED WITHIN THE VICINITY OF THIS PROPERTY.
 7. SPECIMEN TREES WILL BE FIELD LOCATED.
 8. NO SLOPES STEEPER THAN 15% ARE FOUND ON THIS PROPERTY.
 9. THE MARYLAND RESOURCE INVENTORY NOR THE NATIONAL HERITAGE PROGRAM IDENTIFIED CRITICAL HABITATS WITHIN OR ADJACENT TO THE SUBJECT PROPERTY. A LETTER FROM MARYLAND DEPARTMENT OF NATURAL RESOURCES CONFIRMS THAT NO RARE, THREATENED OR ENDANGERED SPECIES HAVE BEEN IDENTIFIED ON THIS SITE.
 10. NO PERENNIAL OR INTERMITTENT STREAMS ARE FOUND ON THIS PROPERTY.
 11. A FIELD INVESTIGATION FOR THE PRESENCE OR ABSENCE OF NON-TIDAL WETLAND PERFORMED BY KEVIN GARVEY, R.L.A. ON FEBRUARY 4, 2015 DID NOT FIND THE TREE INDICATORS OF HYDROLOGY, SOILS OR VEGETATION REQUIRED BY THE ARMY CORE OF ENGINEERS.
 12. THERE ARE NO HISTORIC SITES LISTED ON THE FEDERAL HISTORIC REGISTER OF HISTORIC PLACES, MARYLAND INVENTORY OF HISTORIC PROPERTIES OR HOWARD COUNTY HISTORIC SITES ON THE SUBJECT PROPERTY.
 13. THE NORTHEAST PORTION OF THE PROPERTY IS IN THE MIDDLE PATUXENT WATERSHED AND THE SOUTH WESTERN PORTION IS IN THE CATTAL CREEK WATERSHED.



VICINITY MAP
SCALE: 1" = 600'



LEGEND

	EX. MAJOR CONTOUR
	EX. MINOR CONTOUR
	EX. PROPERTY LINE
	EXISTING TREELINE
	EXISTING TREE
	SPECIMEN TREE
	SOIL LINE AND TYPE
	EXISTING WELL

PROFESSIONAL CERTIFICATION
I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

KEVIN T. GARVEY, R.L.A. (MD LIC. #3801)

2/17/2016
DATE

ENVIRONMENTAL EXHIBIT
Roxbury
4th Election District
2605 ROUTE 97
GLENWOOD, MD 21738

CPJ Charles P. Johnson & Associates, Inc.
Civil and Environmental Engineers • Planners • Landscape • Architects • Surveyors
1751 Elton Rd., Ste 300 Silver Spring, MD 20903 301-434-7000 Fax: 301-434-9394
www.cpja.com • Silver Spring, MD • Gaithersburg, MD • Annapolis, MD • College Park, MD • Frederick, MD • Fairfax, VA

CLIENT: OWNER (S) KEVIN AND MARIA GARVEY 2605 ROUTE 97 GLENWOOD, MD 21738	TAX MAP 14	SITE PLAN NO.
DESIGN DRAFT	KTG KTG	SHEET OF
DATE 02/10/2016	SCALE 1" = 50'-0"	FILE NO: 00