

Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 Fax (410) 313-2648
 TDD (410) 313-2323 Toll Free 1-866-313-6300
 website: www.hchealth.org

Maura J. Rossman, M.D., Health Officer

RECEIPT DATE: 12/12/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 544435

INSTALLATION APPROVAL DATE: _____ **PERMIT** A _____

CONSTRUCTION

PROPERTY ADDRESS: 4405 College Avenue

SUBDIVISION: Miller Property LOT: _____ TAX ID: _____

CONTRACTOR: WTC Contractors EMAIL: billcumberland@gmail.com

CONTRACTOR ADDRESS: 1820 Gillis Falls Road, Woobine, MD 21797 PHONE: 443-398-1782

PROPERTY OWNER: Judith Miller EMAIL: _____

OWNER ADDRESS: 4540 Rusty Gate, Ellicott City, MD 21043 PHONE: 443-540-3279

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): 1500 PUMP SIZE: _____

NUMBER OF BEDROOMS: 4 HOUSE SQ. FT. _____ APPLICATION RATE: 0.8

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

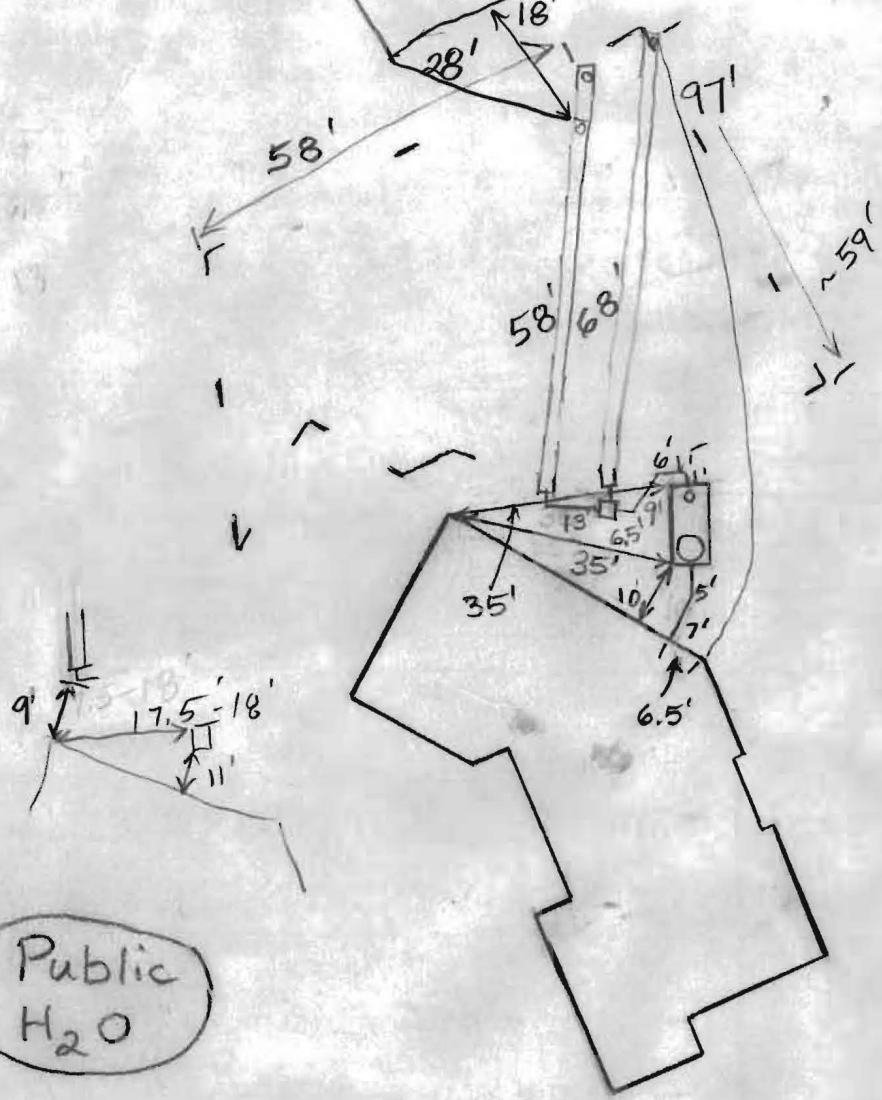
TRENCHES:	LINEAR FEET REQUIRED: <u>125' 135'</u>	INLET DEPTH: <u>4.5'</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Set septic tank per layout inspection. Set distribution box per layout inspection. Install 1 X 40 AND 2 X 43' trenches on contour. <u>63' + 72'</u>	

ISSUED BY: Heidi Scott ISSUE DATE: 10/7/13 EXPIRATION DATE: 12/17/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
 PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	4'-4.5'	8'
NUMBER OF TRENCHES		2
TOTAL LENGTH		126'
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	0.5'-1.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SLOTTED	Yes
DATE ON LID	Dry

~~PUMP/SEPTIC TANK LEVEL N/A~~

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

PRE-CONSTRUCTION:

10/16/2013 Able to give tank location. Fill on easement. (BB)

10/17/2013 Trenches laid out across the middle of the easement. (BB)

INSTALLATION: 10/23/2013 Tank set. (BB)

10/28/2013 Trenches are a little short.

FINAL INSPECTOR _____

DATE OF APPROVAL _____



December 12, 2012

Assistant Director
Mr. Michael Davis
Howard County Health Department
Well and Septic Program
7178 Columbia Gateway Drive
Columbia, MD 21046

Re: Variance Request
4405 College Ave
Miller Property

Dear Mr. Davis:

Please accept this letter as an official request for granting a small variance to the side yard septic reserve area setback at the property adjacent to the west (Owner Donna Smith) from 10' to 5'. The adjacent property does have public water and this will not adversely affect the use of the adjacent land. This small variance will allow for several large specimen trees to be left on our property. I am also requesting the garage setback to be 10' for this same reason.

An approval of this request would be greatly appreciated.

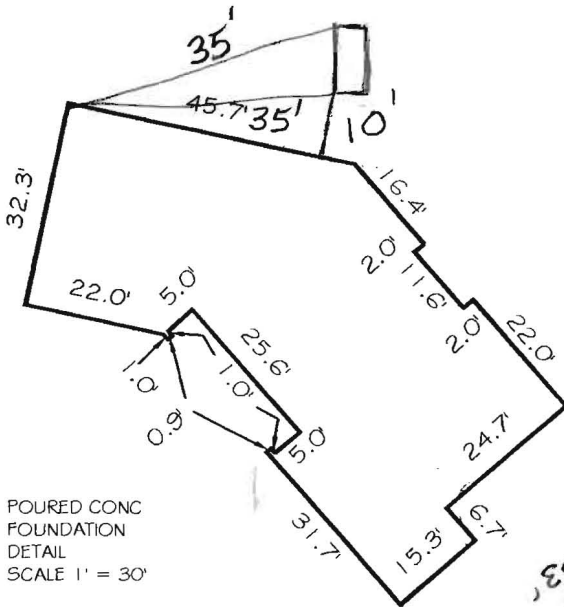
Sincerely,

Judith A. Miller, AIA
Principal

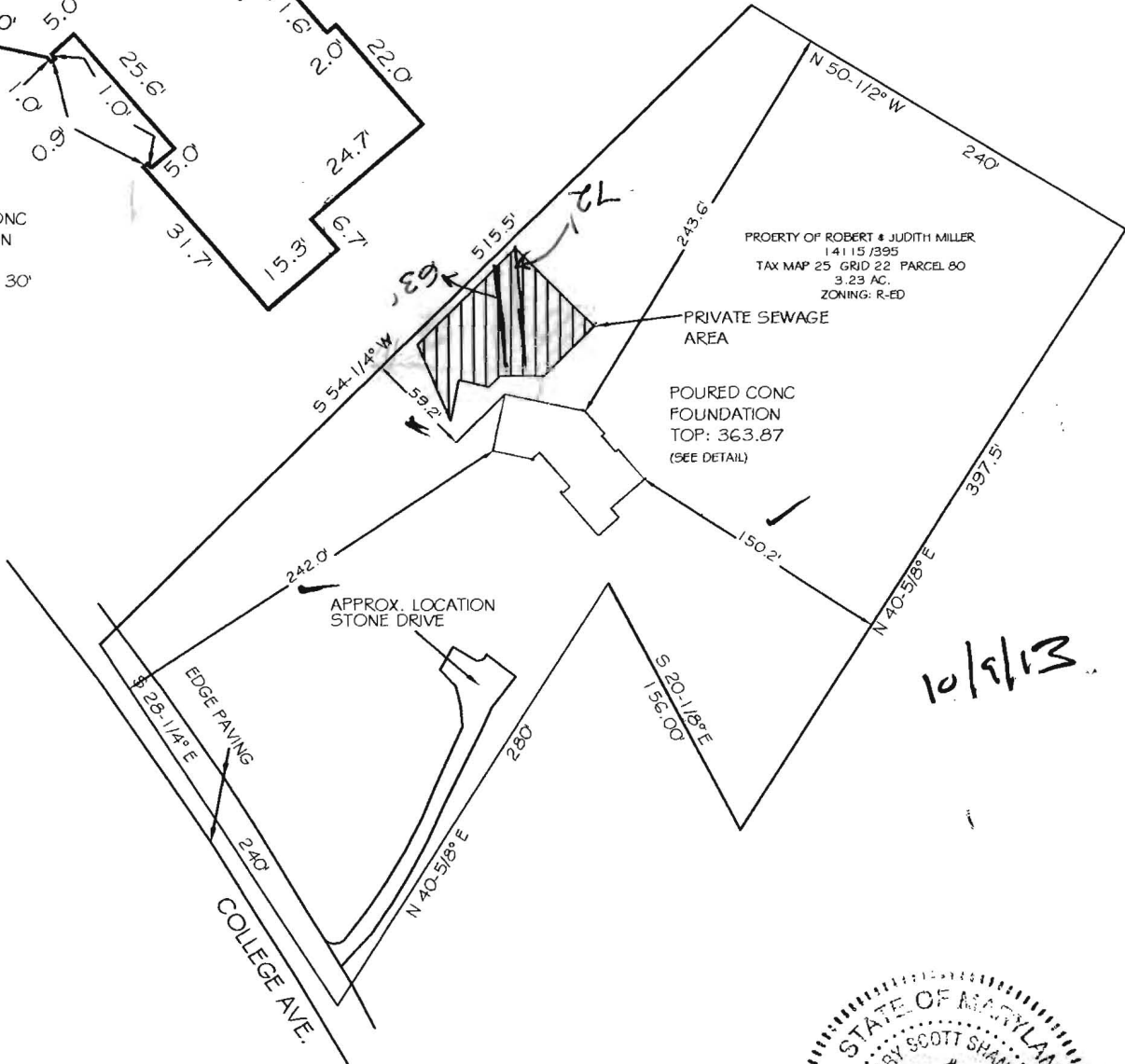
12/17/12
M. Davis
Approval

NOTES:

1. ACCURACY OF BUILDING MEASUREMENTS: 0.1'
2. ACCURACY OF SETBACK DIMENSIONS: 0.1'
3. ACCURACY OF ELEVATIONS: 0.1'
4. THE PROPERTY SHOWN HEREON LIES IN ZONE "C" AS SHOWN ON FLOOD INSURANCE RATE MAP NO: 240044 0029 B DATED: 12/4/1986
5. BEARINGS, DISTANCES, AND ACREAGE SHOWN HEREON ARE FROM TITLE DEED 14115/395 AND DO NOT REPRESENT A BOUNDARY SURVEY BY SHANABERGER & LANE.



POURED CONC
FOUNDATION
DETAIL
SCALE 1" = 30'



PROPERTY OF ROBERT & JUDITH MILLER
14115/395
TAX MAP 25 GRID 22 PARCEL 80
3.23 AC.
ZONING: R-ED

PRIVATE SEWAGE
AREA

POURED CONC
FOUNDATION
TOP: 363.87
(SEE DETAIL)

APPROX. LOCATION
STONE DRIVE

EDGE PAVING

COLLEGE AVE.

10/9/13



**FOUNDATION LOCATION DRAWING
4405 COLLEGE AVE.**

PROPERTY OF ROBERT & JUDITH MILLER
DEED REFERENCE: 14115/395
TAX MAP 25 GRID 22 PARCEL 80
2ND ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1"=100' DATE: 05/01/2013

THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENTLY ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD INFORMATION. THIS DRAWING IS NOT TO BE USED FOR THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER FEATURES OR IMPROVEMENTS. IT WAS PREPARED UNDER MY DIRECT SUPERVISION AND REVIEW IN ACCORDANCE WITH SEC. 09.13.06.06 OF THE ANNOTATED CODES OF MD.

G. Scott Shanabarger
G. SCOTT SHANABARGER PROFESSIONAL L.S. 10849

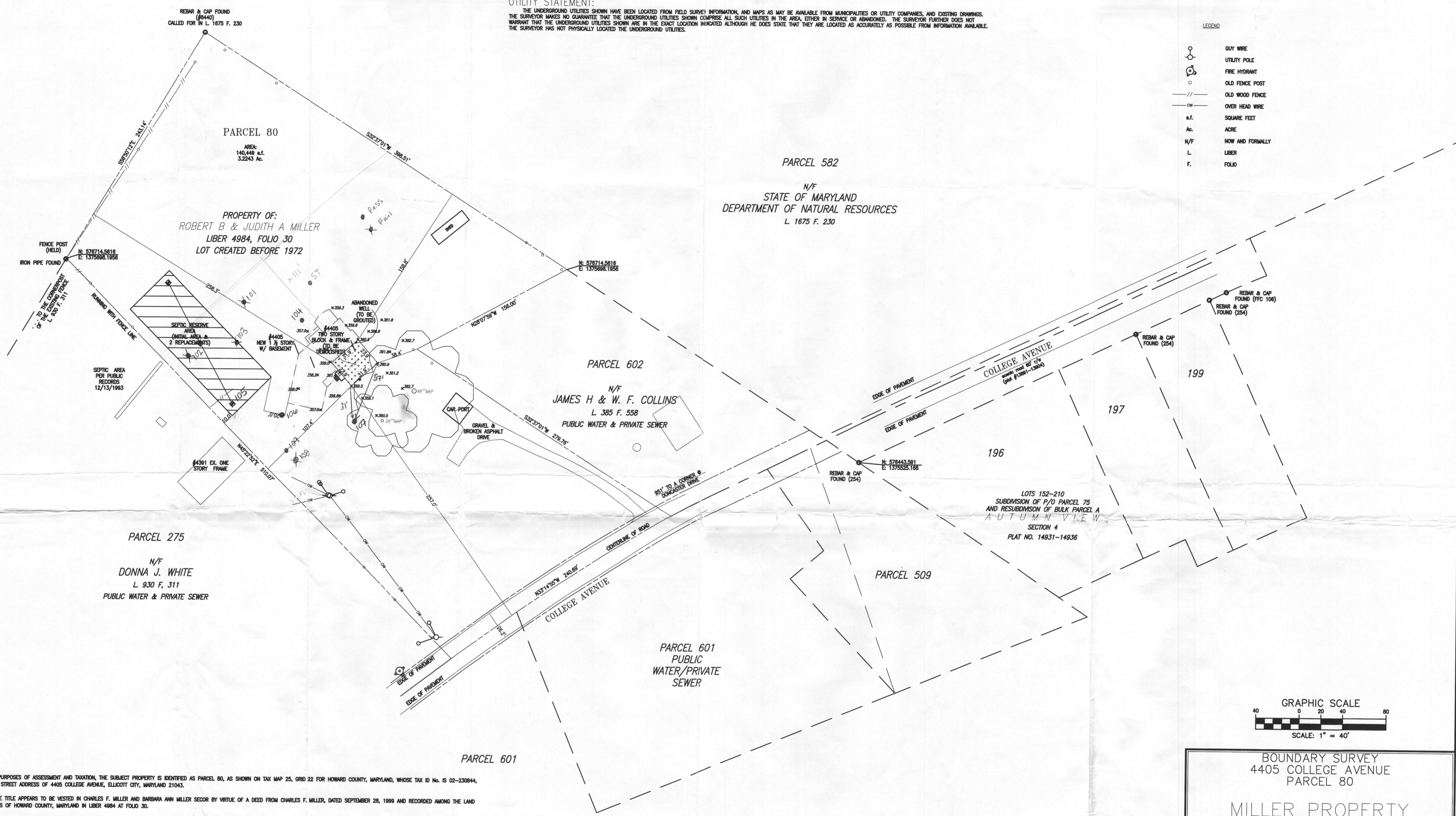
LICENSE EXPIRATION DATE 4/2/2014
SHANABERGER & LANE
8726 TOWN AND COUNTRY BLVD., SUITE 201
ELLICOTT CITY, MD. 21043
(410)461-9563 FAX: (410)461-9693

UTILITY STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION, AND MAPS AS MAY BE AVAILABLE FROM MUNICIPALITIES OR UTILITY COMPANIES, AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

LEGEND

- GUY WIRE
- UTILITY POLE
- FIRE HYDRANT
- OLD FENCE POST
- OLD WOOD FENCE
- OVER HEAD WIRE
- SQUARE FEET
- ACRE
- NOW AND FORMALLY
- LIBER
- FOLIO



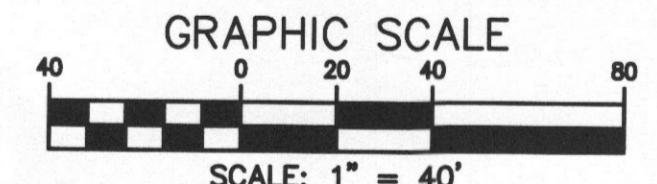
- NOTES:**
- FOR THE PURPOSES OF ASSESSMENT AND TAXATION, THE SUBJECT PROPERTY IS IDENTIFIED AS PARCEL 80, AS SHOWN ON TAX MAP 25, GRID 22 FOR HOWARD COUNTY, MARYLAND, WHOSE TAX ID No. IS 02-230644, WITH A STREET ADDRESS OF 4405 COLLEGE AVENUE, ELLICOTT CITY, MARYLAND 21043.
 - FEE SIMPLE TITLE APPEARS TO BE VESTED IN CHARLES F. MILLER AND BARBARA ANN MILLER SEOR BY VIRTUE OF A DEED FROM CHARLES F. MILLER, DATED SEPTEMBER 28, 1969 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 4984 AT FOLIO 30.
 - THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "X" AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND, COMMUNITY-PANEL No. 24004400298, REVISED DATE DECEMBER 4, 1988.
 - THE FIELDWORK FOR THIS SURVEY WAS STARTED ON JULY 12, 2012, WITH THE LAST DATE OF FIELDWORK BEING JULY 18, 2012.
 - ACCORDING TO MARYLAND PROPERTY VIEW, THE SUBJECT PROPERTY IS ZONED RD.
 - THE TOTAL AREA OF THE SUBJECT PROPERTY IS 140,449 SQUARE FEET OR 3.2243 ACRES OF LAND.
 - COORDINATES SHOWN HEREON WERE ESTABLISHED USING THE ADJOINING SUBDIVISION PLAT FOR AUTUMN VIEW, SECTION FOUR, LOTS 152-210, PLAT No. 14931-14936.
 - ELEVATIONS SHOWN HEREON WERE ESTABLISHED BASED ON THE FIRST FLOOR ELEVATION (361.4') FROM THE HOWARD COUNTY METROPOLITAN COMMISSION, PLAN OF WATER MAINS.
 - PERPENDICULAR DISTANCE TIES FROM THE BUILDING TO THE PROPERTY LINES ARE PLUS OR MINUS ONE-HALF FOOT (±0.5').
 - NO TITLE REPORT WAS PROVIDED OR REVIEWED DURING THE PREPARATION OF THIS SURVEY.
 - COLLEGE AVENUE ALONG OUR FRONTAGE DOES NOT APPEAR TO BE SUBJECT TO ANY DEDICATION TO PUBLIC USE. REFERENCES WERE NOTED IN ARE RESEARCH AS TO A 30' RIGHT OF WAY. TITLE LINE SHOWN APPEARS TO BE CONSISTENT WITH EXISTING CENTERLINE OF PAVING.

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON IS CORRECT; THAT IT WAS OBTAINED USING ACCEPTED LAND SURVEYING PRACTICES; THAT THE BOUNDARY INFORMATION SHOWN HEREON IS CORRECT AND TAKEN FROM AVAILABLE DEEDS AND RECORDS; THIS PLAT AND THE SURVEY ON WHICH IT IS BASED WERE PREPARED UNDER MY RESPONSIBLE CHARGE AND ARE IN COMPLIANCE WITH COMAR REGULATION 08.13.06.12.

DATE: _____

STEVEN W. JONES
PROFESSIONAL LAND SURVEYOR
MD LIC. # 21072 EXP. 2/08/2013



BOUNDARY SURVEY
4405 COLLEGE AVENUE
PARCEL 80

MILLER PROPERTY
ELLICOTT CITY (2nd) ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

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.cpj.com • Silver Spring, MD • Gaithersburg, MD • Frederick, MD • Fairfax, VA

CLIENT: JUDI MILLER		PRELIMINARY PLAN # SITE PLAN NO:	
PRINCIPAL ARCHITECTURE BY DESIGN, INC. 9005 CHEVROLET DRIVE, SUITE 5 ELLICOTT CITY, MD 21142	DESIGN SWJ	SHEET	OF
	DRAFT JAP	1	1
COPYRIGHT © LATEST DATE HEREON CHARLES P. JOHNSON & ASSOCIATES, INC. ALL RIGHTS RESERVED, UNAUTHORIZED USE OR REPRODUCTION IS PROHIBITED.	DATE 7/20/2012	FILE NO : 42-144-060	
	SCALE 1" = 40'		