



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Robert Williams

DAYTIME PHONE 410 465 5366 CELL _____ FAX _____

MAILING ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET CITY/TOWN STATE ZIP

APPLICANT MILDENBERG, BOENDER & ASSOC., INC.

DAYTIME PHONE 410 997 0296 CELL 1 FAX 410 997 0298

MAILING ADDRESS 6800 Deerpath Rd Elkridge, MD 21075
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME GREENBERRY LOT NO. 16

PROPERTY ADDRESS 13110 GREENBERRY LANE CLARKSVILLE MD 21029
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 28 GRID _____ PARCEL(S) 48 PROPOSED LOT SIZE 1A±

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN. TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
 7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
 TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

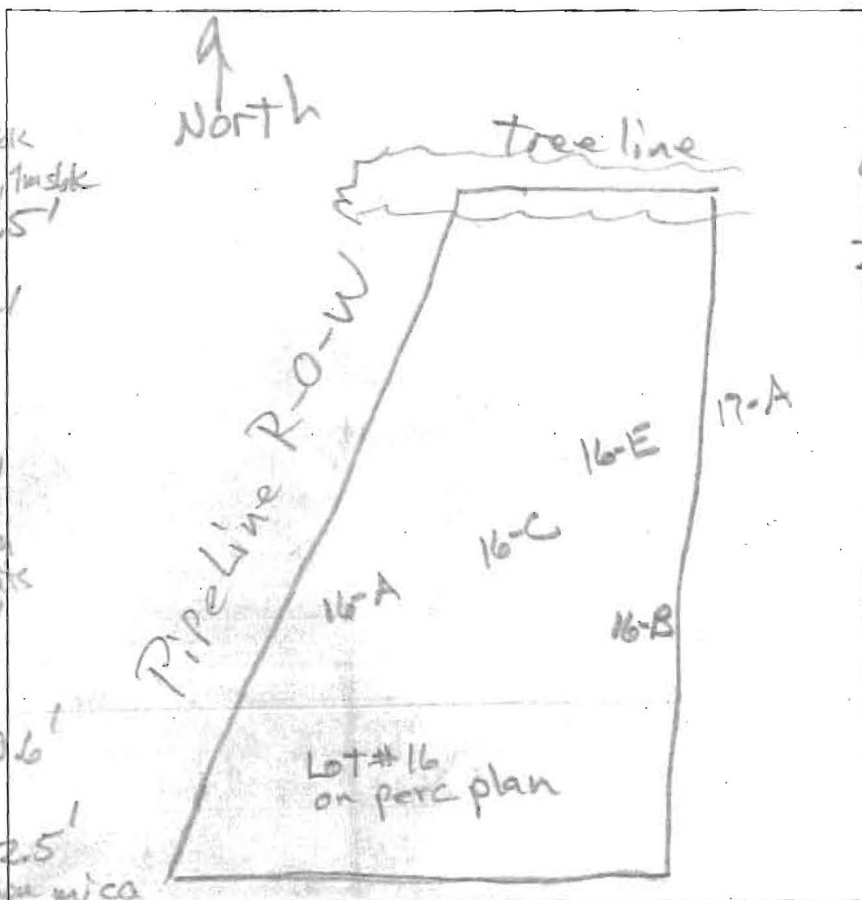
Greenberry lot 16

AVP

16-G
 dk brn loam
 brn scl, 2msbk
 yel-brn loam, 1msbk
 red fsl 3.5'
 tan 2 spl, many mica 9.5'
 red & brn fsl many mica 10.5'
 red fsl / tan 2 cpl, many blk coats many mica 12'

16-h
 dk brn loam 2 cpl 0.6'
 yel-brn cl 2msbk to 7msbk 2.5'
 red & yel-brn fsl on common mica 4.9'

red & tan fsl 2 cpl many mica 11.5'
 red & brn cl's many mica 14.2'



16-E
 brn loam 7 cpl breaks to 7msbk 0.7'
 yel-red scl, 3msbk 2.5'
 brn loam 1msbk many very fine mica 4'
 brn-yel sl 18, sg many mica 6'
 red fsl / tan many fine mica Impl common blk coats 9.5'
 red fsl 2 cpl common blk coats many mica 12'

16-A
 dk brn loam brn scl 2msbk
 brn loam 1msbk 3.5'
 yellow fsl 18, sg com. mica 4.5'
 red fsl 2 cpl many mica 10'
 red fsl 2 cpl, blk coats many mica 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
10/25/12	16-C	6.5' / 12'	10:14	10:16	10:20	4	D
10/25/12	16-E	12'	Visual	4' - 8' OK	1.2 gpd / ft ²		D
10/25/12	16-A	12'	Visual	3.5' - 8' OK	1.2 gpd / ft ²		P
10/25/12	16-B	6' / 4.2'	10:28	10:30	10:35	5	P

REMARKS Did not dig 16-D
 SANITARIAN RB BACKHOE SDA OTHERS Jacob Hikmat
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Bricker, Robert

From: Johnson, Ryan <ryjohnso@nvrinc.com>
Sent: Wednesday, September 09, 2015 3:53 PM
To: Bricker, Robert
Cc: Faris, Taylor
Subject: RE: Greenberry homes

Robert,

Good afternoon. Thanks for reaching out. I think we will opt to not install the addt'l trench absorption based on speculation of future bath/bedroom in the basement. If, however, we did want to pursue this addt'l absorption, what would the revision process consist of (time frame)?

I am cc'ing Taylor Faris as well as he is working closely with Jim Kerwin on these Greenberry permits.

Thank you again for your time in reviewing these lots at Greenberry.

Ryan

Ryan Johnson
Production Manager

P: 410-379-3396
C: 443-309-5572
F: 410-379-2430

ryjohnso@nvrinc.com
www.nvhomes.com
Follow us on [Facebook](#)



From: Bricker, Robert [<mailto:RBricker@howardcountymd.gov>]
Sent: Wednesday, September 09, 2015 3:15 PM
To: Johnson, Ryan
Subject: Greenberry homes

Ryan,

Having reviewed several floor plans for Greenberry it is apparent that when an 'unfinished' basement may in the future be finished, and includes the full bath, there will be another bedroom (by Code definition) in the basement. Do you want to install trench absorption area for these situations.

If you opt to not install trench area for an extra bedroom, a note will be placed in the file stating that the builder opted not to install additional trench area.

For current reviews this applies to Lot 15.

ROBERT BRICKER, REHS/R.S., L.E.H.S.
ENVIRONMENTAL SANITARIAN II
BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
8930 STANFORD BLVD., COLUMBIA, MD 21045

Phone: Desk, 410-313-2691; Program, 410-313-1771; Bureau, 410-313-1774
Fax: 410-313-2648

E-mail: rbricker@howardcountymd.gov

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MATCHLINE SHEET 3

MICRO-BIORETENTION FACILITY 'NB-1' (M-6)

587-553

MH 351-D

*Copy Per Cert 5/56
Signed 7/28/56*

30' BRL
SDA=10,092 SF

LOT 18

45,290 SF

SDA=10,023 SF

LOT 17

46,700 SF

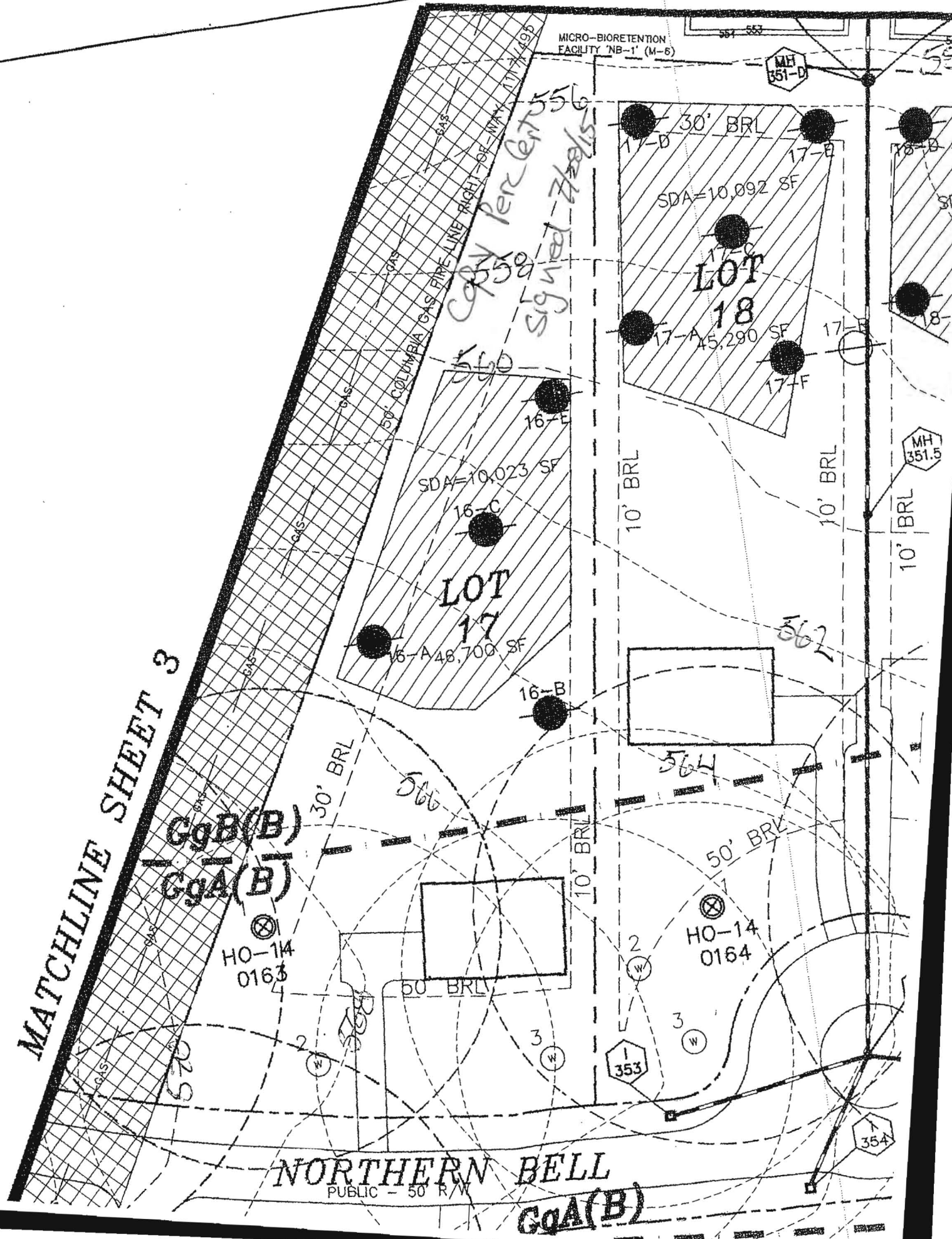
GcB(B)
GcA(B)

HO-14
0163

HO-14
0164

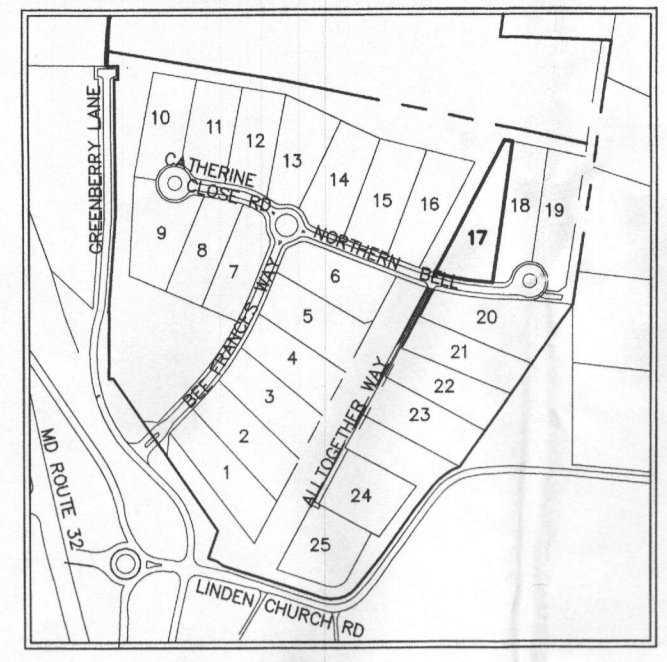
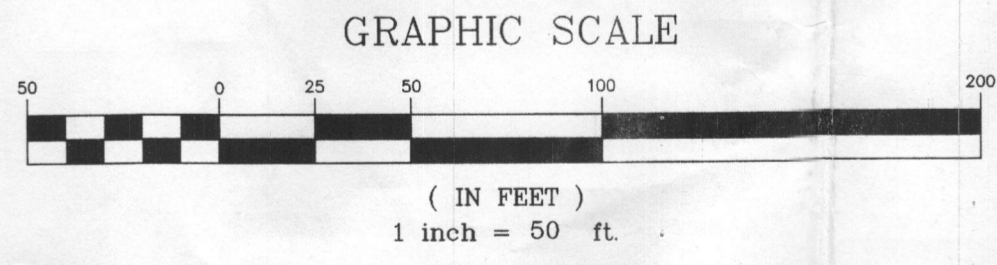
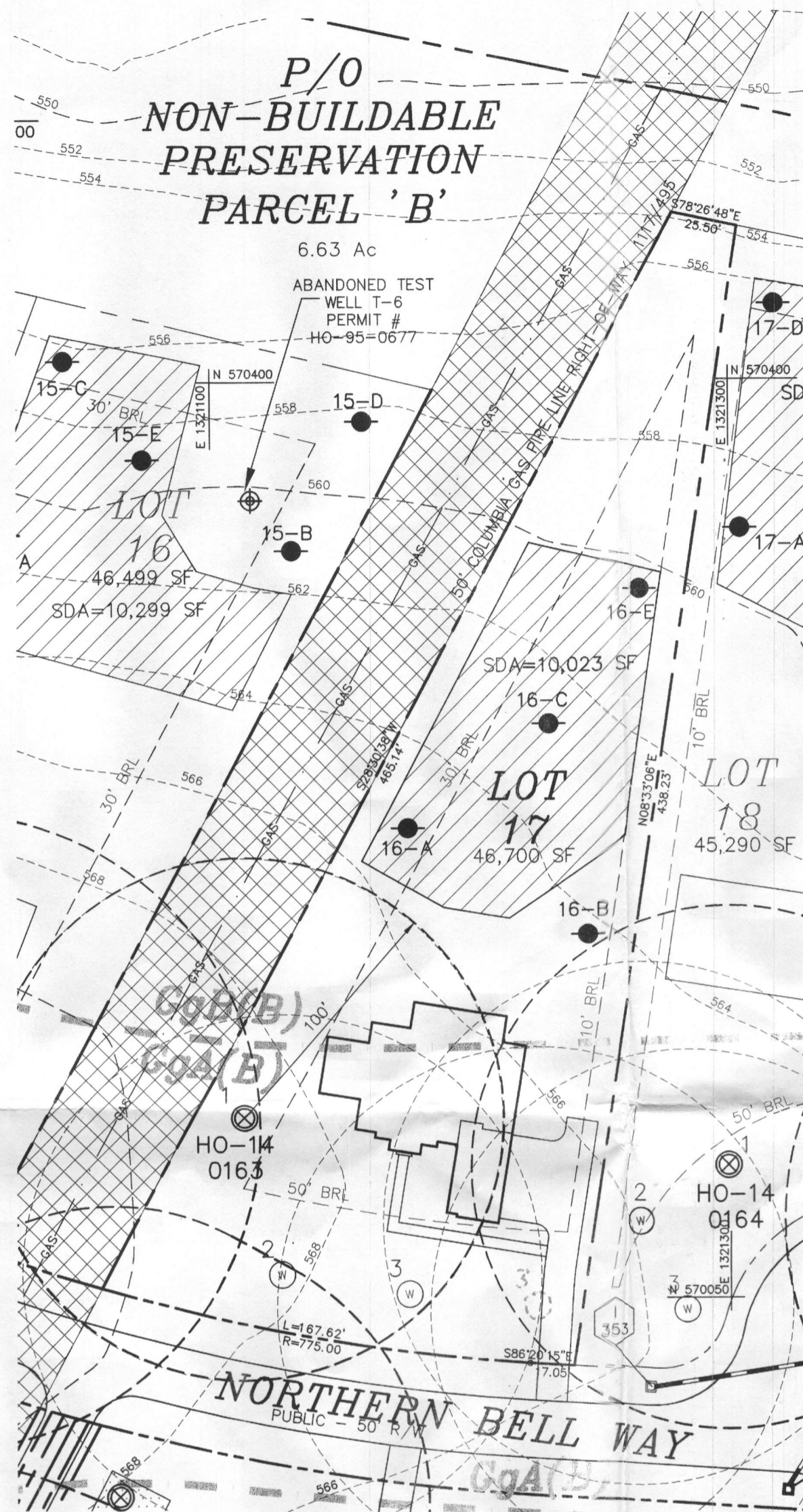
NORTHERN BELL
PUBLIC - 50' R/W

GcA(B)

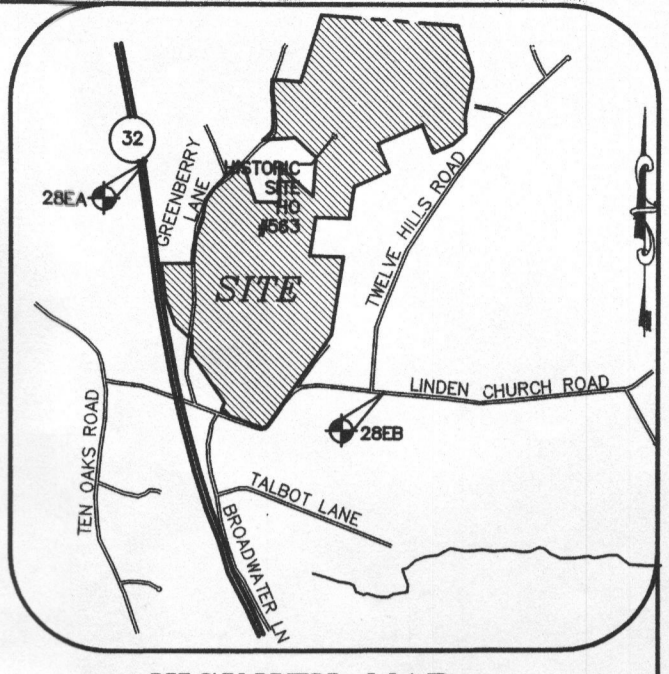


SOILS TABLE

SYMBOL	RATING	NAME	K FACTOR
GgA	(B)	GLENELG LOAM, 0-3% SLOPES.	.20
GgB	(B)	GLENELG LOAM, 3-8% SLOPES.	.20



LOCATION PLAN
SCALE: 1"=600'



VICINITY MAP
SCALE: 1" = 2000'
ADC MAP 24 GRID F6

GENERAL NOTES:

- THE SUBJECT PROPERTY IS ZONED RR-DEO PER THE 2/2/2004 COMPREHENSIVE ZONING PLAN.
- PARCEL BACKGROUND:**
TAX MAP : 28, PARCELS : 48
ELECTION DISTRICT : FIFTH.
ZONING : RR-DEO.
AREA : 46,700 S.F.
- TOPOGRAPHY SHOWN HEREON IS BASED ON AERIAL TOPOGRAPHY PERFORMED BY WINGS AERIAL MAPPING ON OR ABOUT 2005. TOPOGRAPHY WAS FIELD VERIFIED IN NOVEMBER, 2012.
- TOPOGRAPHY WITHIN 200' OF SITE BOUNDARY SHOWN HEREON IS BASED ON AERIAL SURVEY FLOWN BY WINGS TOPOGRAPHY INC. DATED ON OR ABOUT MARCH 2007. OTHER TOPOGRAPHY SHOWN IS BASED ON HOWARD COUNTY GIS AND ANY WELLS 200' DOWNGRADE OF SEPTIC SYSTEMS HAVE BEEN SHOWN.
- PRIVATE WELL AND SEPTIC WILL BE UTILIZED.
- SOILS DATA BASED ON HOWARD COUNTY SOIL SURVEY DATED 1968, SHEET 10.
- THIS AREA DESIGNATES A SEWAGE DISPOSAL AREA OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE SEWAGE DISPOSAL AREA, AND RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
- THIS SYMBOL DESIGNATES A PASSING PERCOLATION TEST LOCATION
- REPRESENTS PROPOSED POTABLE WATER WELL LOCATIONS
- DRILLED WELL
HO-14 0163
- ANY CHANGES TO A PRIVATE SEWAGE AREA SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
- TO THE BEST OF OUR KNOWLEDGE ALL ADJACENT WELL AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
- GROUNDWATER APPROPRIATIONS PERMIT (GAP) NO. HO2014G003(01).
- THE LOTS SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT
- Alt. Well location To Be Abandoned. r-b

OWNER
ROBERT B. WILLIAMS
C/O MILDENBERG, BOENDER AND ASSOC.
7350-B GRACE DRIVE
COLUMBIA, MARYLAND 21044
(410)997-0296

THE PURPOSE OF THIS REVISED PERCOLATION PLAT IS TO RELOCATE PROPOSED RESERVED WELL #3.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

Drifon for Mauna Rossman 12/14/2015
HOWARD COUNTY HEALTH OFFICER *Gu RB* DATE



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. 19742, EXP DATE 09/03/16.

[Signature] 11/27/15
R. JACOB HIKMAT, P.E. DATE

project	date	NOV. 2015
15-005	illustration	MM
	scale	1"=50'
	description	
	revisions	

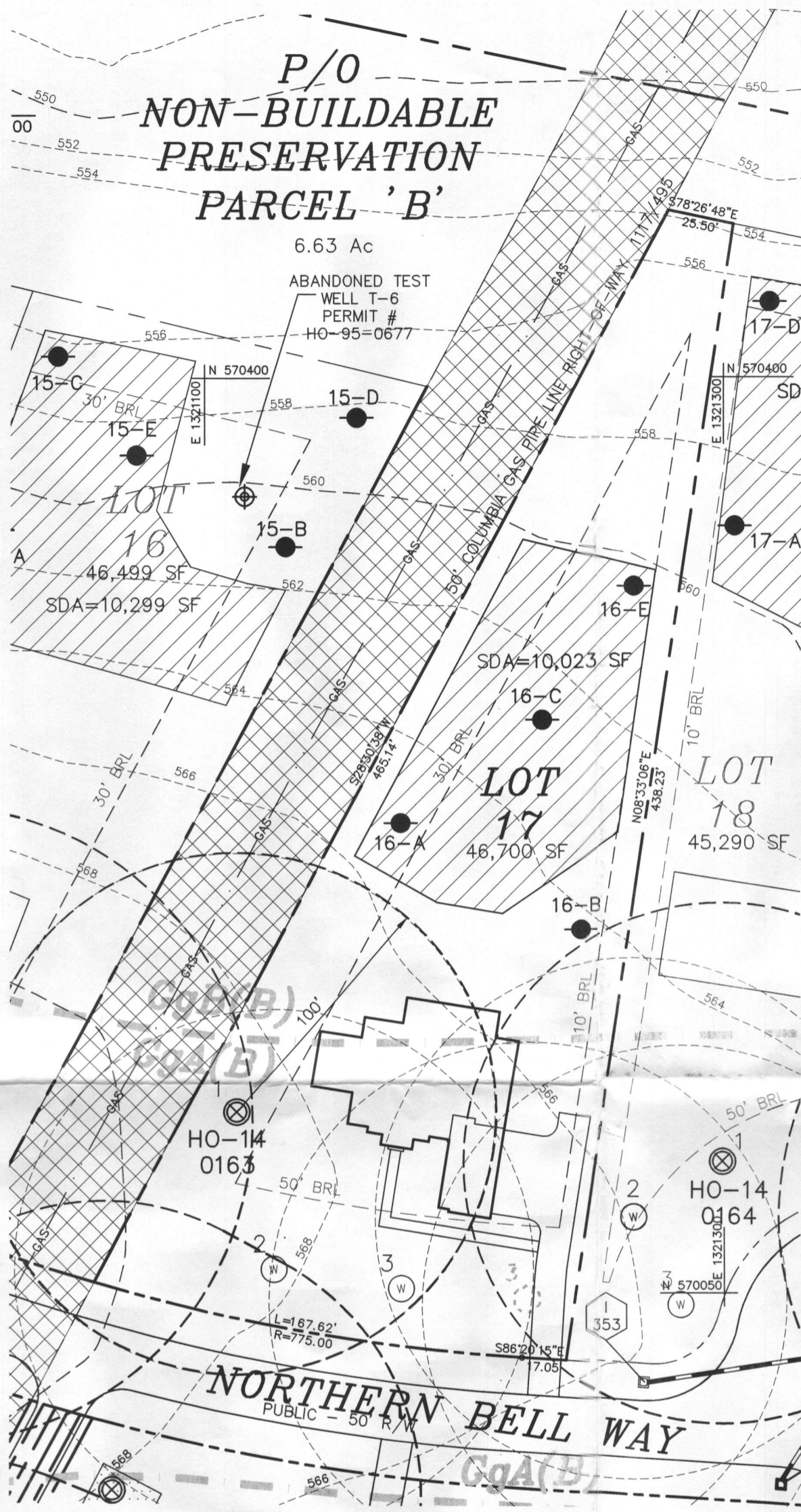
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GREENBERRY, LOT 17
11913 NORTHERN BELL WAY, CLARKSVILLE MD
TAX MAP 28, PARCEL 48, LOT 17
FIFTH ELECTION DISTRICT
HOWARD COUNTY
REVISED PERCOLATION CERTIFICATION PLAN

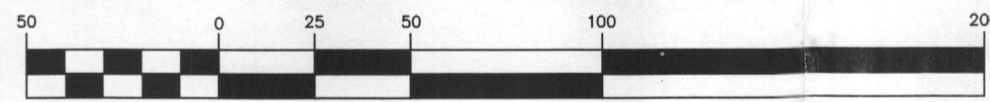
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
7350-B Grace Drive, Columbia, Maryland 21044
(410) 997-0296 Fax. (410) 997-0296 Cell.

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GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft.

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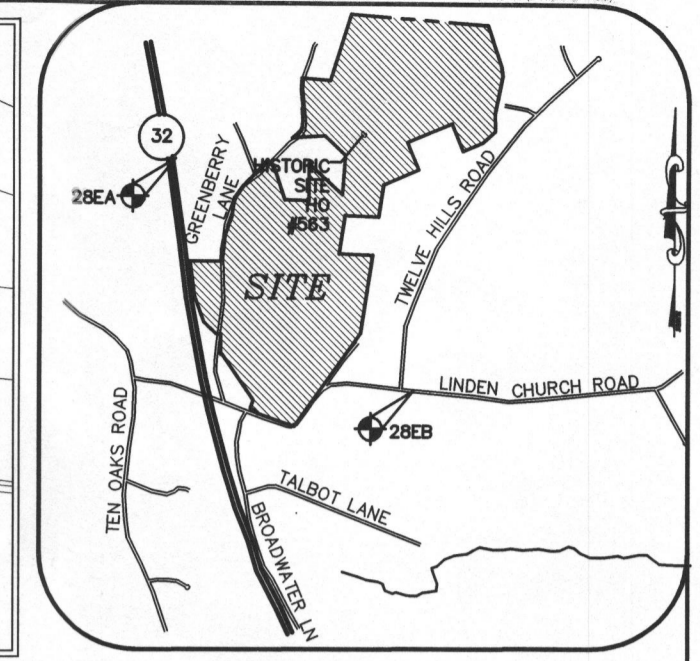
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HO-14
0163
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