

LAYOUT 2/8/06 INSP 4 \_\_\_\_\_  
 INSP 2 2/9/06 INSP 5 \_\_\_\_\_  
 INSP 3 2/10/06 INSP 6 \_\_\_\_\_

ISSUE DATE: 1/27/06  
 APPROVAL DATE: 2/10/06

P 523981  
 A 521549

**PERMIT**  
**INDEXED**

TAX ID #05-385512

**ON-SITE SEWAGE DISPOSAL SYSTEM**  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd., Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: MORRELL PROPERTY LOT NUMBER: \_\_\_\_\_

ADDRESS: 13989 RTE. 108 CLARKSVILLE PROPERTY OWNER: JOHN MORRELL

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 6

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 223.2 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	RUN 4-60' LONG TRENCHES NORTH ON CONTOUR, 12' CTC. ENSURE S. TANK NOT IN WELL RADIUS
NOTES:	SOILS SOUTH OF ARC HOLES 3 ARE SLOWER - 210 FT2 PER BEDROOM. NORTH OF HOLE 3 SOILS - 180FT2 PER BEDROOM

PLANS APPROVED: KACIE NOONAN Reviewed by: \_\_\_\_\_ DATE: 2-7-05

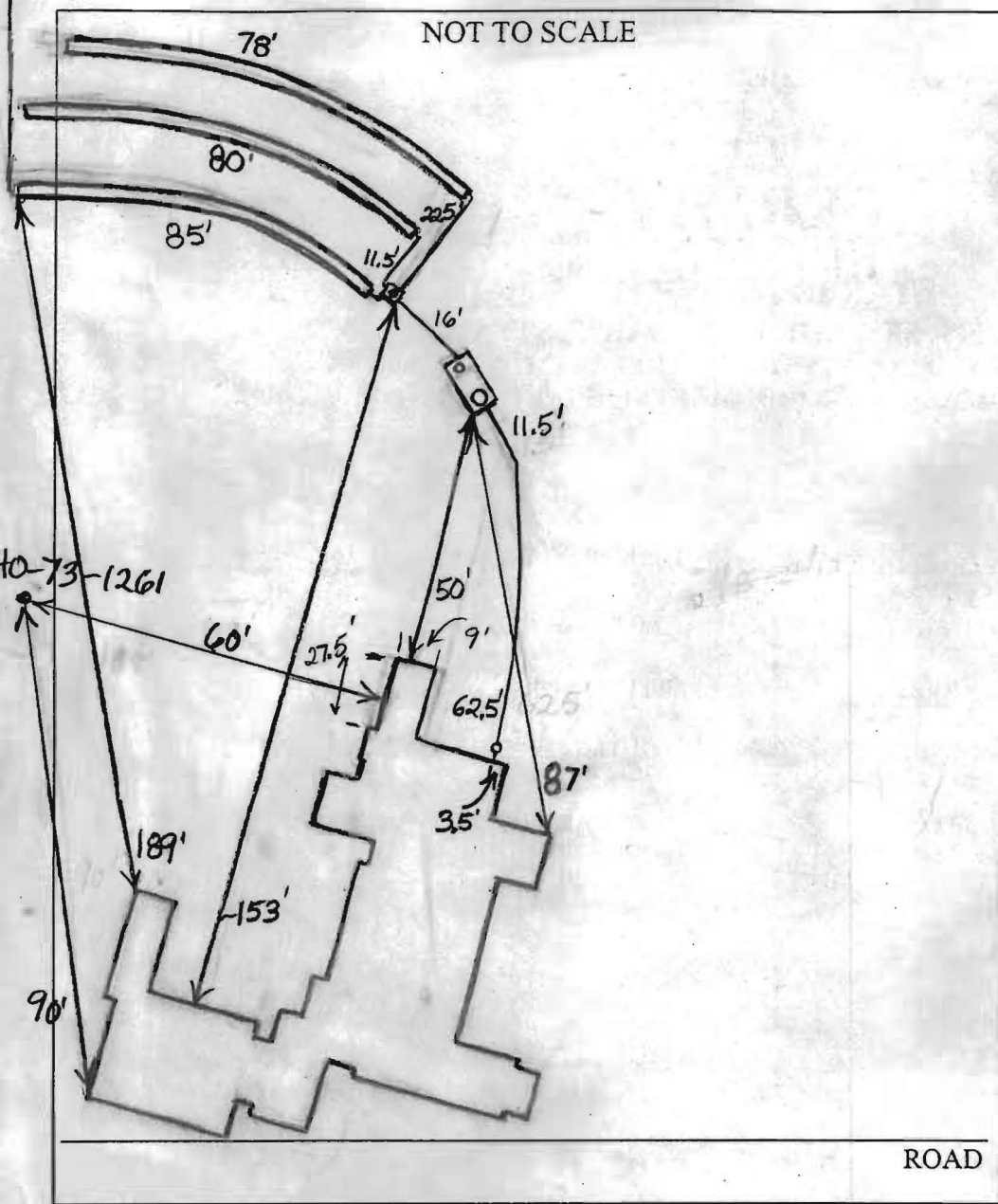
NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTED FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**BUILDING PERMIT SIGNED AND RETURNED**  
 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM

11/29/05 800157121 RETAINING WALL  
 3/6/06 800158129 1,000 gal UG LP Tank

4521549



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'-4.5'	5'-6.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		243'
ABSORPTION AREA		729 + Sidewall
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-3.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

PRE-CONSTRUCTION \_\_\_\_\_

INSTALLATION 2/8/06 - 2/10/06 System installed. No major problems. **BB**

FINAL INSPECTOR B. Baker DATE OF APPROVAL 2/10/06

BUILDING PERMIT SIGNED AND RETURNED

PUB. SEWER STATUS VERIFIED BY \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

P 518568-B

APPROVAL DATE: \_\_\_\_\_

A REPAIR

# PERMIT

## INDEXED

### ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

\_\_\_\_\_ IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: \_\_\_\_\_ LOT NUMBER: \_\_\_\_\_

ADDRESS: 13989 Clarksville Pike PROPERTY OWNER: Meehan

SEPTIC TANK CAPACITY (GALLONS): \_\_\_\_\_

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_

NUMBER OF BEDROOMS: \_\_\_\_\_

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: \_\_\_\_\_

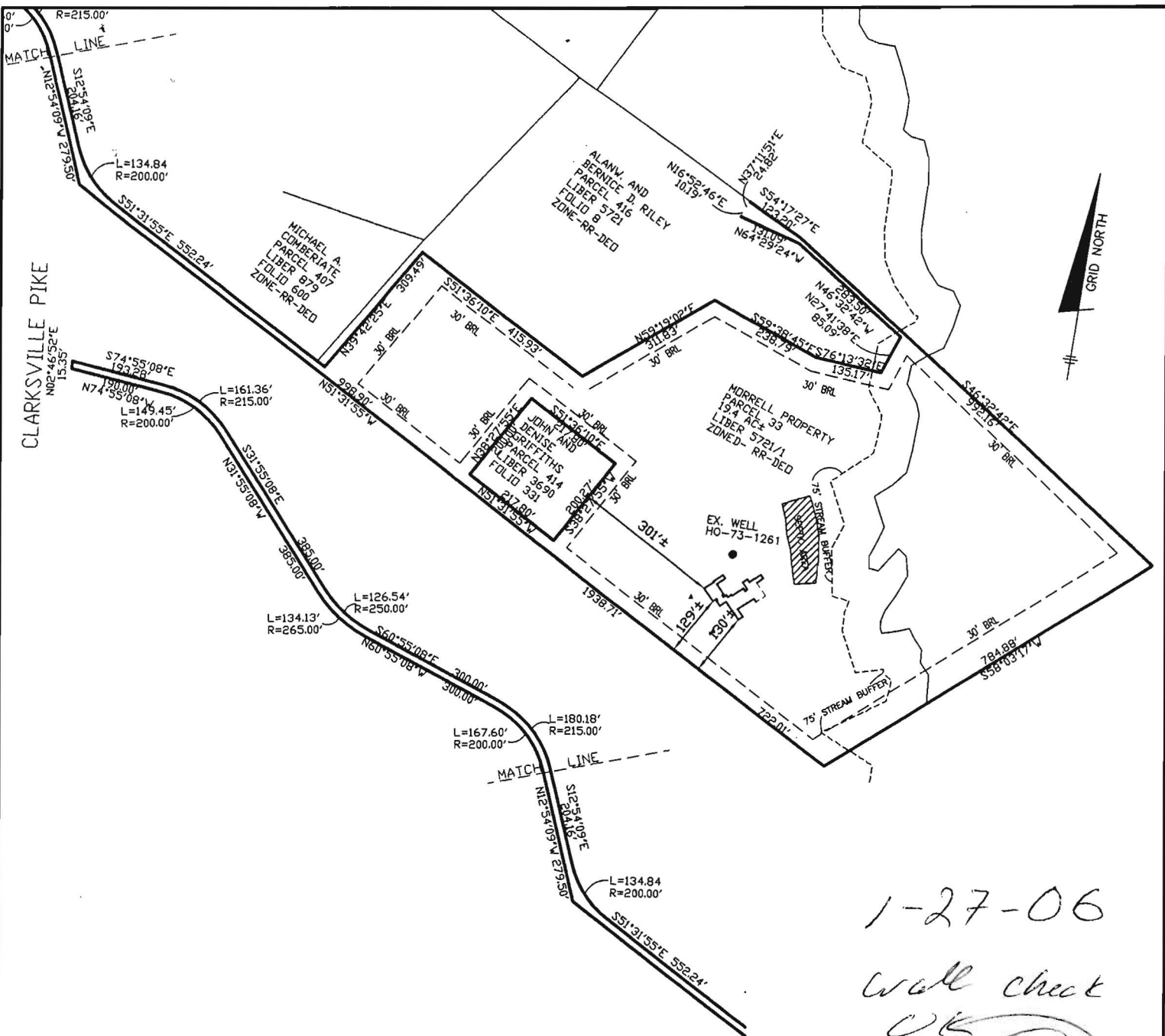
TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	_____
PURPOSE:	_____

PLANS APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

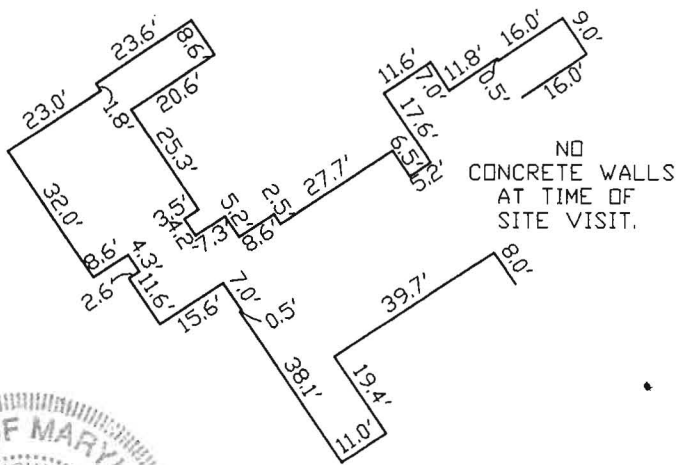
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**

P518568-B



TOP OF FOUNDATION WALL ELEVATION = 404.9'  
 OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 5'  
 SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 04/27/05 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY BENCHMARK ENGINEERING, INC. ENTITLED " MORRELL PROPERTY TAX MAP:40,GRID:15 PARCEL:33 ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS DEED LIBER 5721 FOLIO 1



FOUNDATION DETAIL

SCALE: 1" = 40'

WALL CHECK

MORRELL PROPERTY  
 TAX MAP 40, GRID 15  
 PARCEL 33

13989 ROUTE 108

5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 300' DATE: 04/27/05

*David Harris*

DAVID M. HARRIS  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MD REG. No. 10978  
 FOR BENCHMARK ENGINEERING, INC.  
 MD REG. No. 351  
 RECORD DEED LIBER 5721 FOLIO 1  
 FEMA FIRM No. 240044 0037 B  
 ZONE: C  
 DATED: 12/04/86

BENCHMARK

ENGINEERS • LAND SURVEYORS • PLANNERS  
 ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418  
 ELLICOTT CITY, MARYLAND 21043

phone: 410-465-8105 • fax: 410-465-8844  
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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*  
August 14, 2001

MEMORANDUM

TO: Patty Meehan  
13989 Clarksville Pike  
Highland, MD 20777

FROM: Mark Rifkin *MR*  
Water and Sewerage Program

RE: 13989 Clarksville Pike

The Howard County Health Department has no objections to issuance of the demolition permit for the referenced property.

You have advised that the existing well and septic system will be maintained to serve a replacement dwelling to be built in approximately the same footprint.

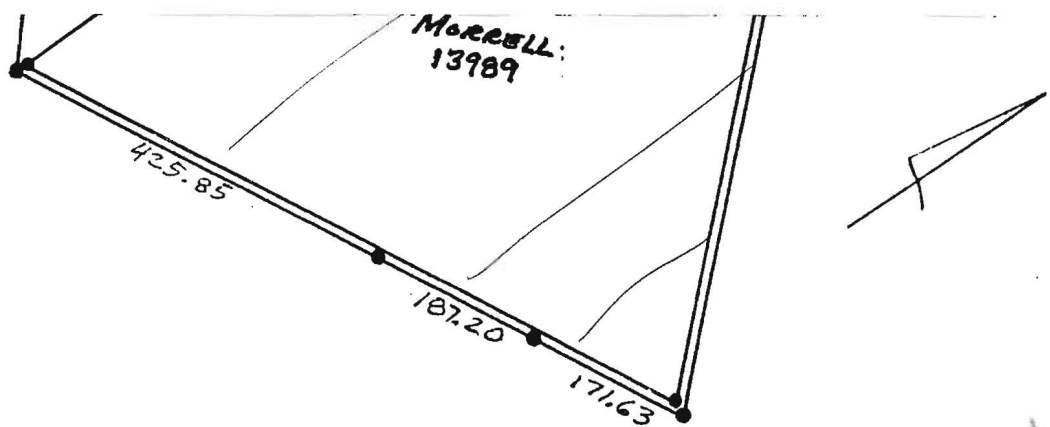
Please be advised the well and septic system should be protected from potential damage during house demolition.

MR

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Bureau of Environmental Health  
3525-H Ellicott Mills Drive • Ellicott City, Maryland 21043-4544  
Water and Sewerage, Permits (410) 313-1771 Community Environmental Health Program (410) 313-1773  
(410) 313-2640 TDD(410) 313-2323 TOLL FREE - 1-877-4MD-DHMH

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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*  
August 14, 2001

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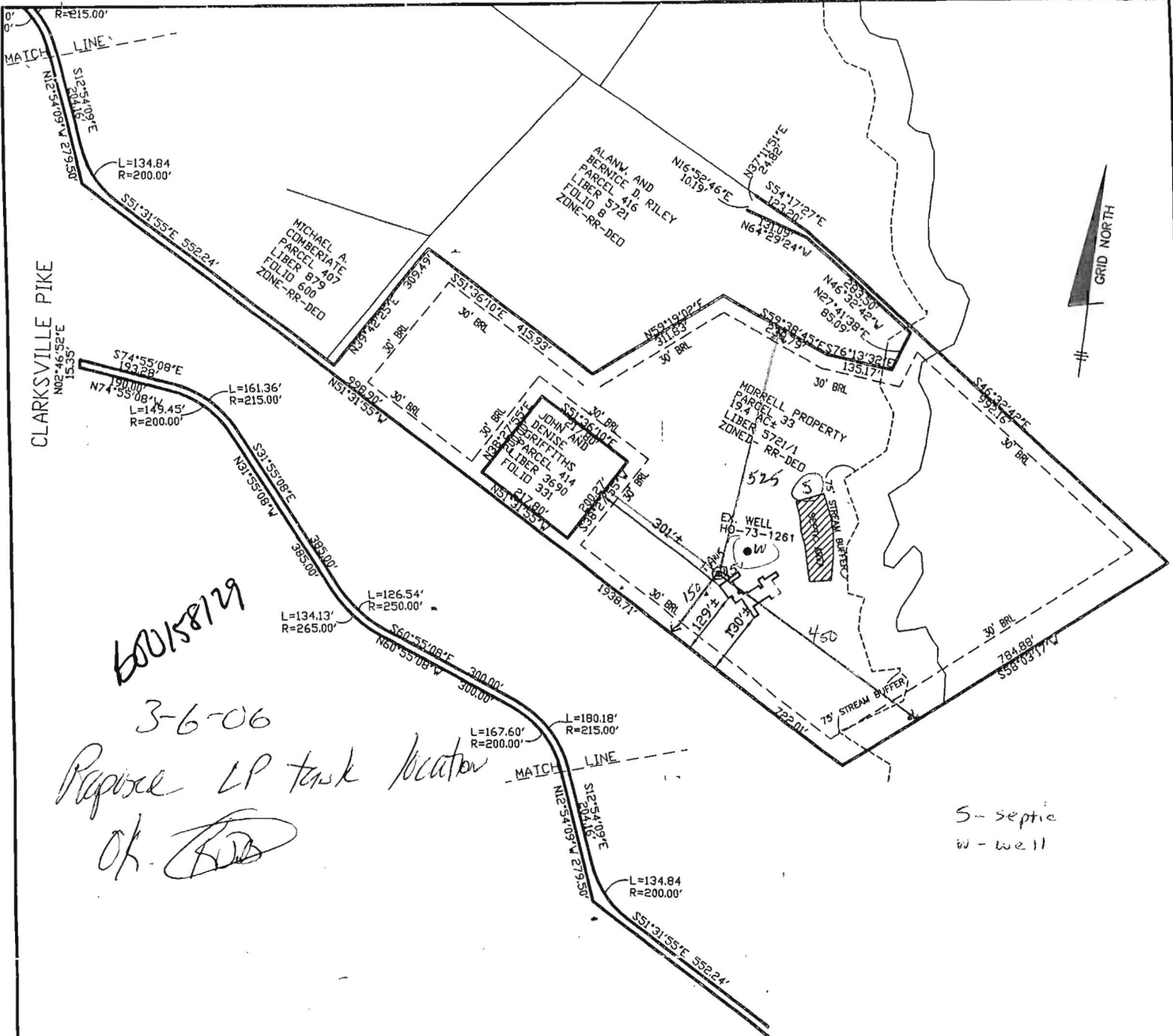
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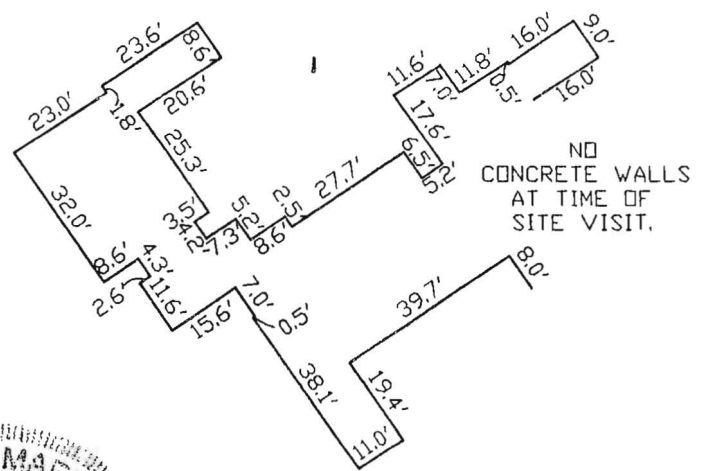
MR





TOP OF FOUNDATION WALL ELEVATION = 404.9'  
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~FOUNDATION DETAIL~  
 SCALE: 1" = 40'

*David Harris*  
 DAVID M. HARRIS  
 REGISTERED PROFESSIONAL LAND SURVEYOR  
 MD REG. No. 10978  
 FOR BENCHMARK ENGINEERING, INC.  
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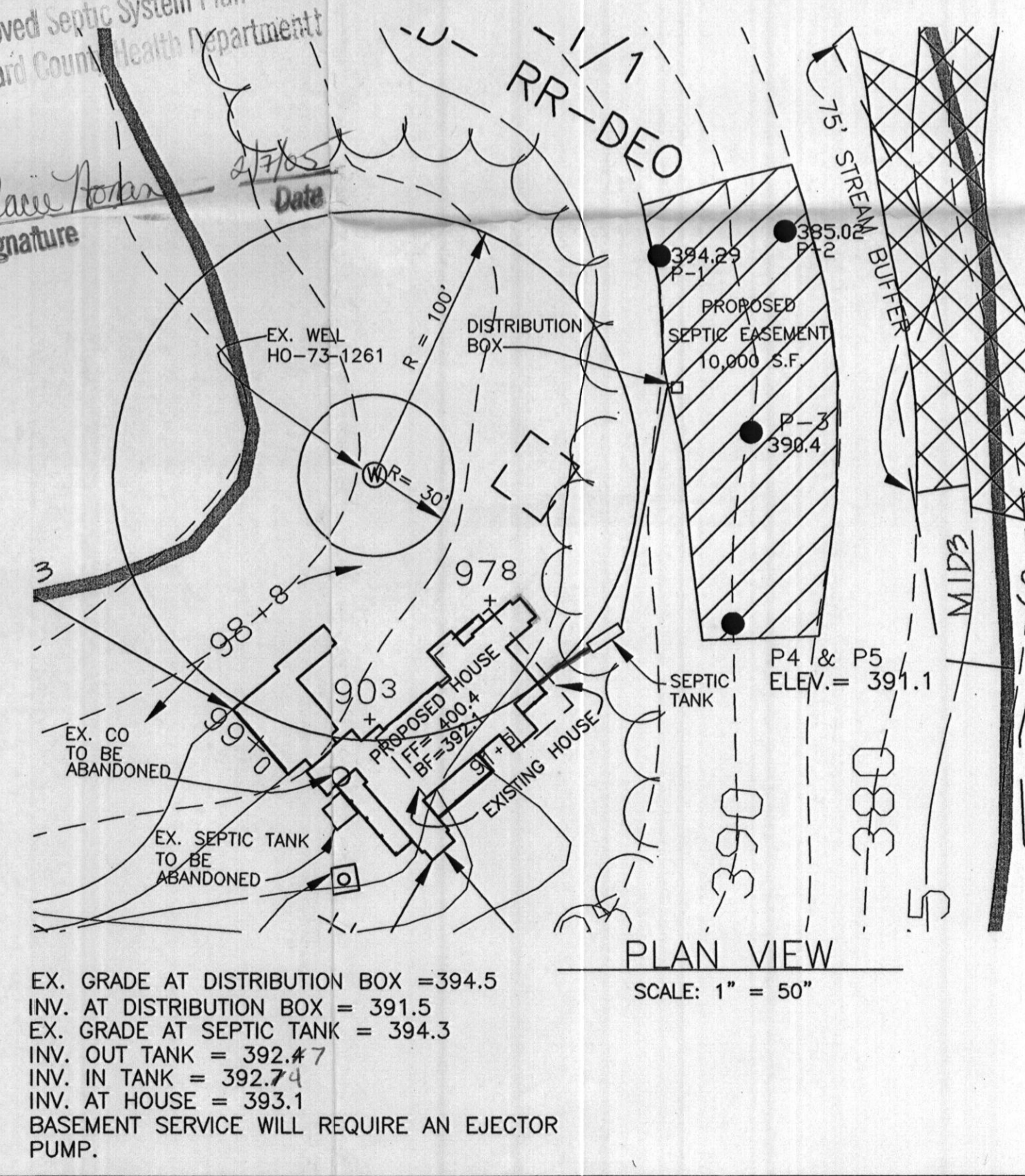
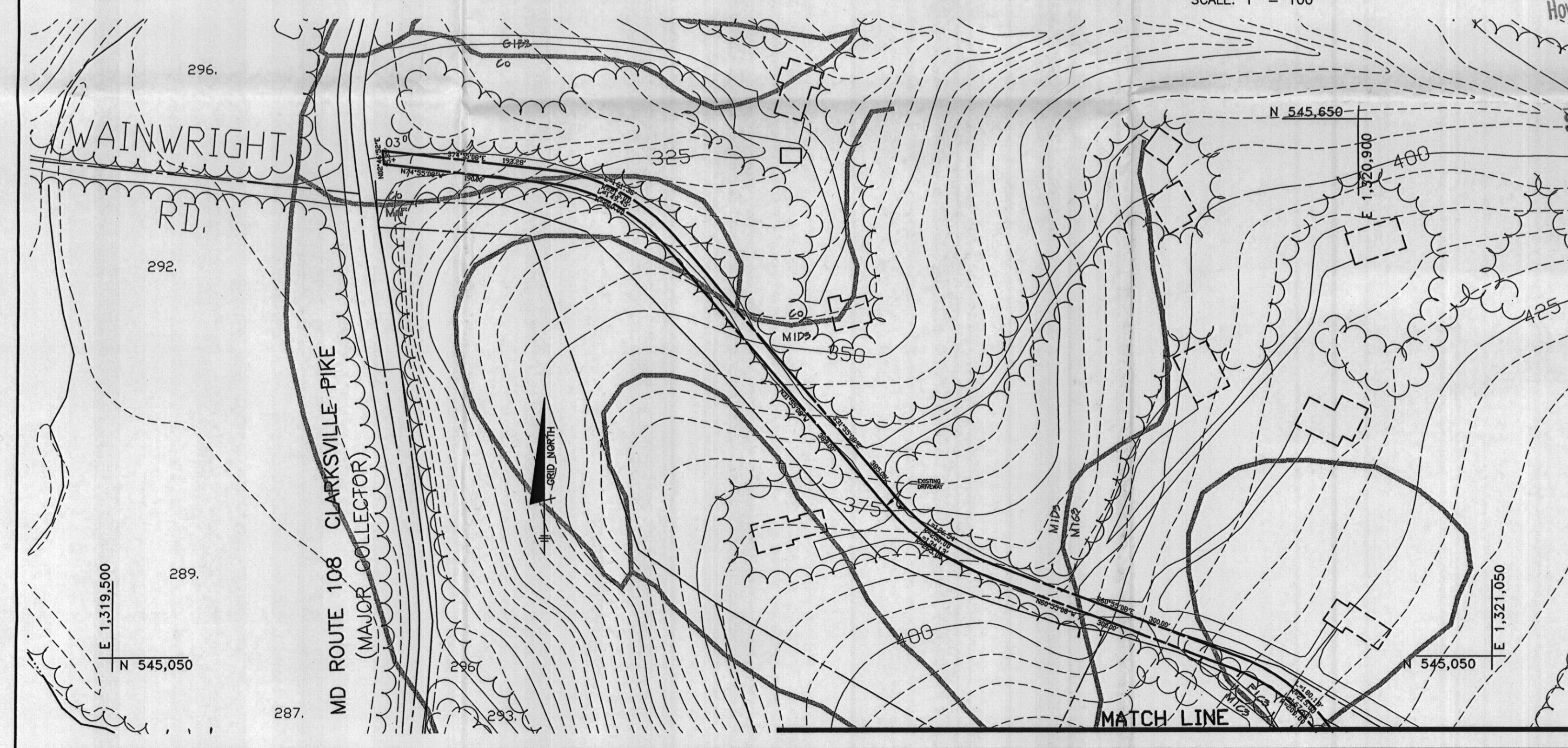


WALL CHECK  
**MORRELL PROPERTY**  
 PARCEL 33  
 13989 ROUTE 108  
 5TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 300' DATE: 04/27/05

**BENCHMARK**  
 ENGINEERING, INC.  
 ENGINEERS • LAND SURVEYORS • PLANNERS

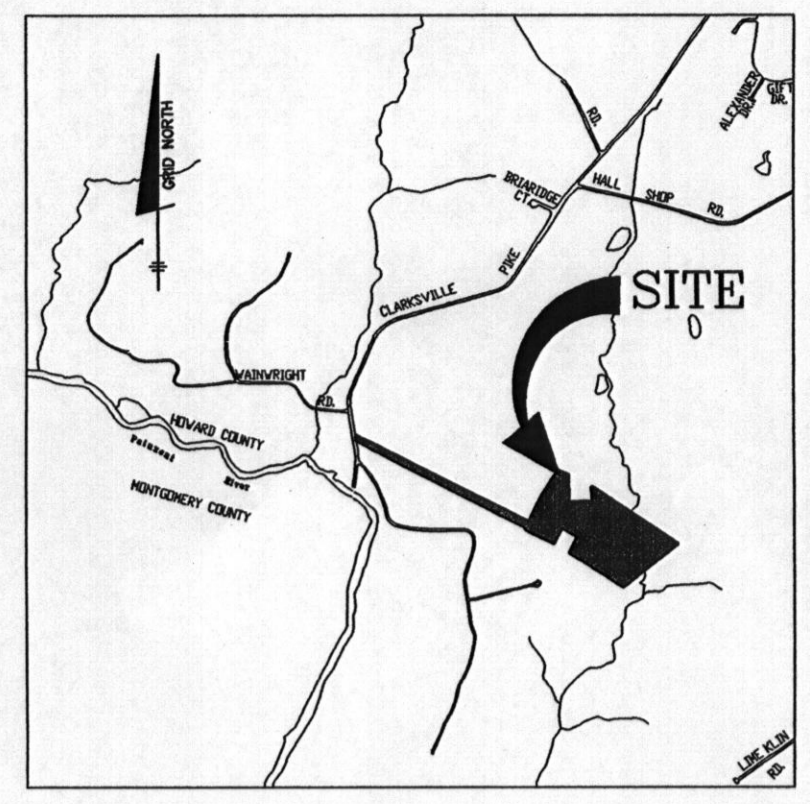


PLAN VIEW  
SCALE: 1" = 100"



PLAN VIEW  
SCALE: 1" = 50"

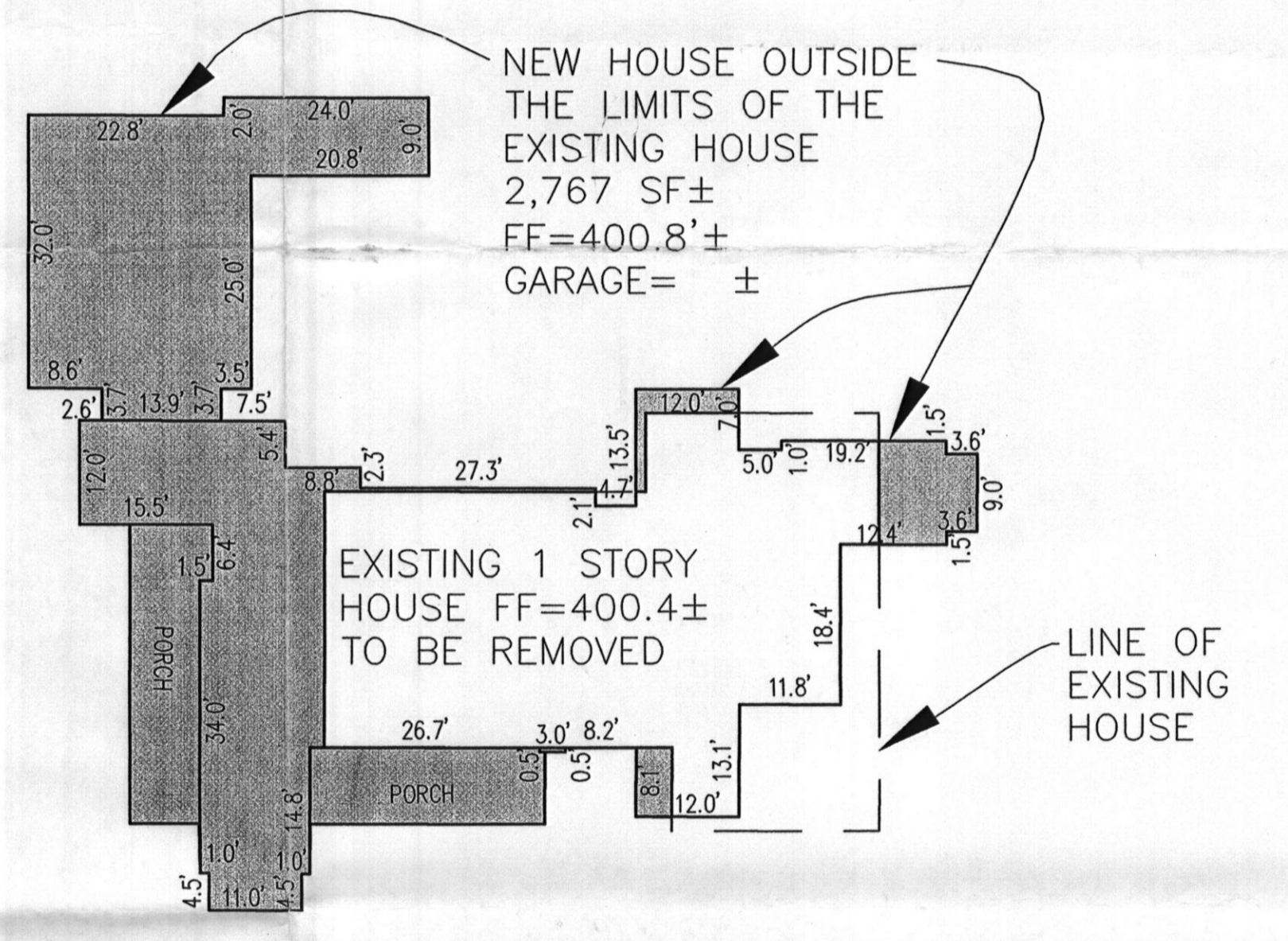
EX. GRADE AT DISTRIBUTION BOX = 394.5  
 INV. AT DISTRIBUTION BOX = 391.5  
 EX. GRADE AT SEPTIC TANK = 394.3  
 INV. OUT TANK = 392.77  
 INV. IN TANK = 392.74  
 INV. AT HOUSE = 393.1  
 BASEMENT SERVICE WILL REQUIRE AN EJECTOR PUMP.



VICINITY MAP  
SCALE: 1" = 2000"

GENERAL NOTES

- 1) THE TOPOGRAPHY SHOWN IS FROM THE HOWARD COUNTY GIS AERIAL TOPOGRAPHY AT 5-FOOT CONTOUR INTERVALS.
- 2) THE EXISTING DRIVEWAYS AS SHOWN SHALL PROVIDE ACCESS TO THE SITE.
- 3) THE LIMIT OF DISTURBANCE SHALL BE LIMITED TO THE AREA OF THE ADDITION.
- 4) GRADING AROUND THE ADDITION SHOULD MAINTAIN POSITIVE DRAINAGE AWAY FROM THE HOUSE AT A MINIMUM OF 2%.
- 5) AREA OF DISTURBANCE = 4,000 S.F.
- 6) PROPERTY ZONED RR-DEO PER 2-2-04 COMPREHENSIVE ZONING PLAN.
- 7) THE EXISTING SEPTIC SYSTEM SHALL BE ABANDONED AND A NEW SYSTEM REINSTALLED AT THE NEW SEPTIC EASEMENT LOCATION.
- 8) THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 S.F. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE REQUIRED.



HOUSE VIEW  
SCALE: NTS.

NO.	DATE	REVISION

**BENCHMARK**  
 ENGINEERS • LAND SURVEYORS • PLANNERS  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE • SUITE 418  
 ELLICOTT CITY, MARYLAND 21043  
 PHONE: 410-465-8105 • FAX: 410-465-8644

DEVELOPER:	PROJECT:
JOHN MORRELL 13989 ROUTE 108 HIGHLAND, MARYLAND 20777 301-670-6144	<b>MORRELL PROPERTY</b>
TITLE:	LOCATION:
<b>PLOT PLAN</b>	TAX MAP: 40, GRID: 15 PARCEL: 33 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE: DECEMBER, 2004	PROJECT NO. 1787
DESIGN: CAM	DRAFT: EDD
SCALE: AS SHOWN	DRAWING 1 OF 1