

APPLICATION

PERCOLATION TESTING

A 39245

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5

DATE 4-16-87

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER RAO GROUP Inc Jonas Isaac Enterprise, Inc

ADDRESS 6570 Rt 32 CLARKSVILLE PHONE 854-0809

PROSPECTIVE BUYER RAO GROUP Inc

ADDRESS 6570 Rt 32 CLARKSVILLE PHONE 854-0809

PROPERTY LOCATION:

SUBDIVISION CLUENGER PROPERTY LOT NO. 10 P. 87-12
11

ROAD AND DESCRIPTION C 5909 Ten Oaks Rd CLARKSVILLE MD
(5942 Clifton Oaks Dr.)

TAX MAP 34 PARCEL # 3

SIZE OF LOT 3. Ac TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

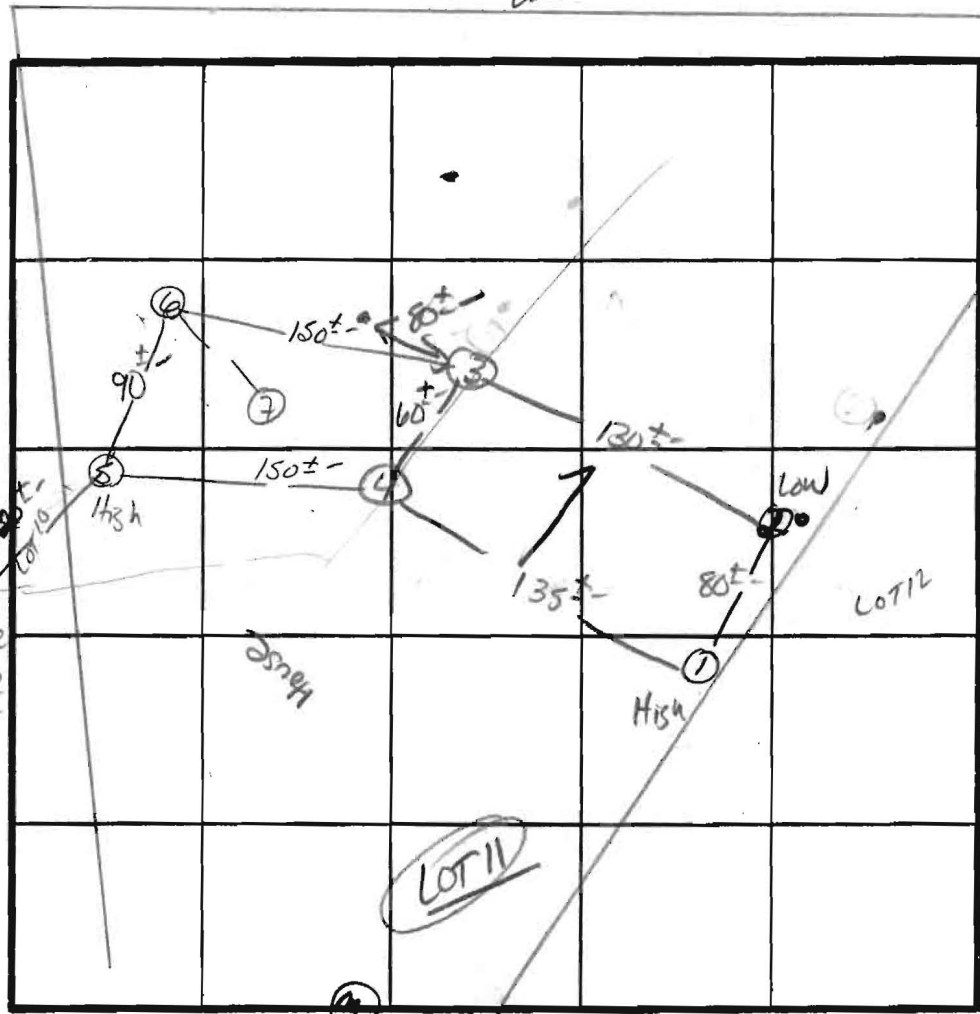
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 63052 Inc. discretionary hold for plan, SMO
7/16/87 PERC OK - PLAN TO SPLIT AREA TO MAKE 2 LOTS, SAME

BLDG. PERMIT SIGNED
AND RETURNED 9/20/87
Serial # 28913-SFD-4 Beds

THIS IS NOT A PERMIT

LOS.



\bar{X} Perc 2min
 180 #/BA
 Inlet 2.5'
 Bottom 4.5'

① → ②
 SOIL PROFILE

8"
 AP 11x
 RED BR.
 Silty CLAY
 LOAM
 10-15% FASS
 3-3.5"
 RED BR.
 Silty LOAM
 Highly
 Micaceous
 20-25%
 FASS
 12-13"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

↓ TO TEN OAKS Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6/24/87	1 S	3.5	10:15	10:17	10:17	10:22	5 MIN	
	1 M	3.5	10:15	10:16	10:16	10:18	2 MIN	
	1 V	13'	UNIFORM Soil below 3.5'					
	2 S	4'	10:25	10:26	10:26	10:28	2 MIN	
	2 V	12.5'	UNIFORM Soil below 3.5'					
	3 S	3'	10:29	10:30	10:30	10:32	2 MIN	
	3 V	12.5'	UNIFORM Soil below 3'					
7/16/87	4 V	12'	UNIFORM Soil below 3'					
	5 V	13'	UNIFORM Soil below 2.5' (slightly LOAM)					
	6 S	3'	11:12	11:13	11:13	11:15	2 MIN	
	6 V	13'	UNIFORM Soil below 2.5'					
	7 V	13'	UNIFORM Soil below 2.5'					

REMARKS Holes DIFF THAN PLAT - Shallow Syst. only

TYPE OF SOIL MANDL

TESTED BY S. Abel ALSO PRESENT SKIT, ROCKY

EH-12-1079

5/14/01

Well completion report
& perc records not
located -

All
- WEST SIDE Preliminary -

LOT # 1 OK

LOT # 2 House Less THAN 20' FROM PERC

LOT # 3 USE UPPER AREA OF PERC; move well + house UP.

LOT # 4 CHANGE PERC Field to use MORE OF HIGHER PERC
move well higher.

LOT # 5 House less than 20' FROM house

LOT # 6 OK

LOT # 7 House Less than 20' FROM PERC; move well 100' FROM
PERC

LOT # 8 Well Less THAN 30' FROM House

LOT # 9 House Less THAN 20' FROM PERC; well location POOR → 1' IN
TRIAL of High NO₃-N move OUTSIDE BATH.

LOT # 10 MISSING ONE PERC Hole; NO PART OF PERC TO be LOWER
THAN TESTED AREAS; House MUST be 20' FE FROM PERC.
AVAILABLE well SITE FOR THIS LOT - TO CLOSE TO ADJACENT
PERCS, move well - ONLY ONE SITE AVAILABLE MUST DRILL
well PRIOR TO LOT APPROVAL



HARDIN-KIGHT ASSOCIATES, INC.
CONSULTING ENGINEERS

November 21, 2013

Project No.: 13221

Nicholas Colombel
7325 Better Hours Court
Columbia, MD 21046

Attention: Mr. Nicholas Colombel

Reference: Clifton Oaks Drive
Clarksville, MD

Dear Mr. Colombel:

Submitted herein is our report of inspection and testing services provided for the above referenced single family dwelling located in the Clarksville area of Howard County, Maryland. Our services included monitoring the construction of structural fill for the referenced building pad to basement walkout slab sub grade level.

Prior to placement of structural fill, we confirmed that the existing ground surface was stripped of topsoil and vegetation and that the surface was natural ground suitable for the support of the structural fill. The results of our inspections and tests confirm that the structural fill was satisfactorily compacted to a minimum of 95% of the maximum dry density as determined by the modified moisture density relationship (ASTM D-1557).

Included with this report is a summary of compaction test results for your reference. If you have any questions concerning this report, please call our office.

Very truly yours,

HARDIN-KIGHT ASSOCIATES, INC.

Glenn D. Clayville
Glenn D. Clayville

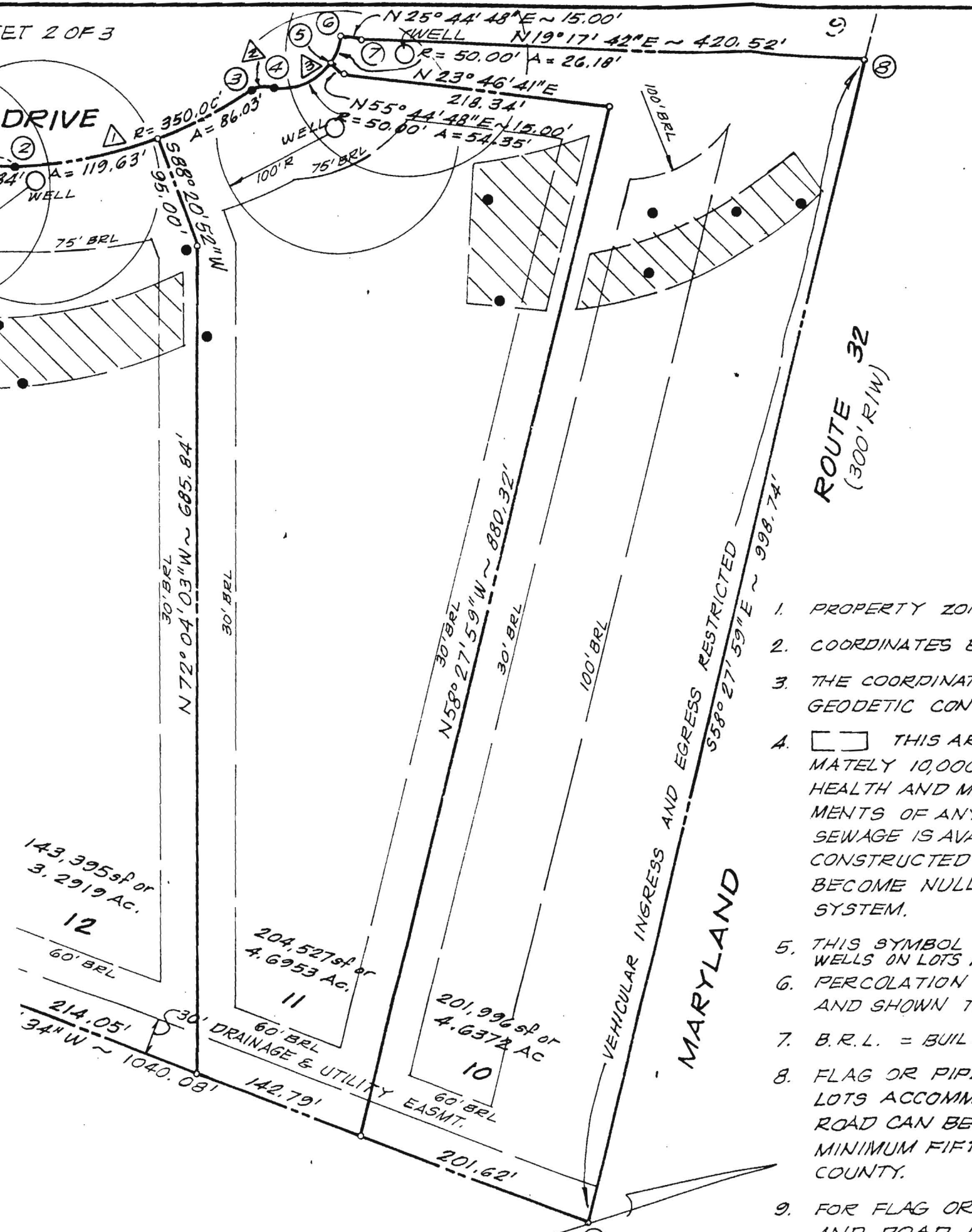
Justin A. Frizzell
Justin A. Frizzell, P.E.

GDC/JAF/ems

Attachment



DRIVE



ROUTE 32
(300' R/W)

VEHICULAR INGRESS AND EGRESS RESTRICTED
MARYLAND

1. PROPERTY ZONE
2. COORDINATES BA
3. THE COORDINATE GEODETIC CONTR
4. THIS AREA MAY BE SUBJECT TO HEALTH AND MEN... CONSTRUCTION OF SEWAGE IS AVAIL... BECOME NULL A... SYSTEM.
5. THIS SYMBOL DE... WELLS ON LOTS 10, 11, 12
6. PERCOLATION TE... AND SHOWN THU
7. B.R.L. = BUILDING
8. FLAG OR PIPE... LOTS ACCOMMOD... ROAD CAN BE CO... MINIMUM FIFTY... COUNTY.
9. FOR FLAG OR P... AND ROAD MAI

143,395 sq ft or
3.2919 AC.

204,527 sq ft or
4.6953 AC.

201,996 sq ft or
4.6378 AC

12

11

10

214.05'
34" W ~ 1040.08'

60' BRL
DRAINAGE & UTILITY EASMT.

60' BRL
EASMT.

N 55° 44' 48" E ~ 15.00'



HARDIN-KIGHT ASSOCIATES, INC.
CONSULTING ENGINEERS

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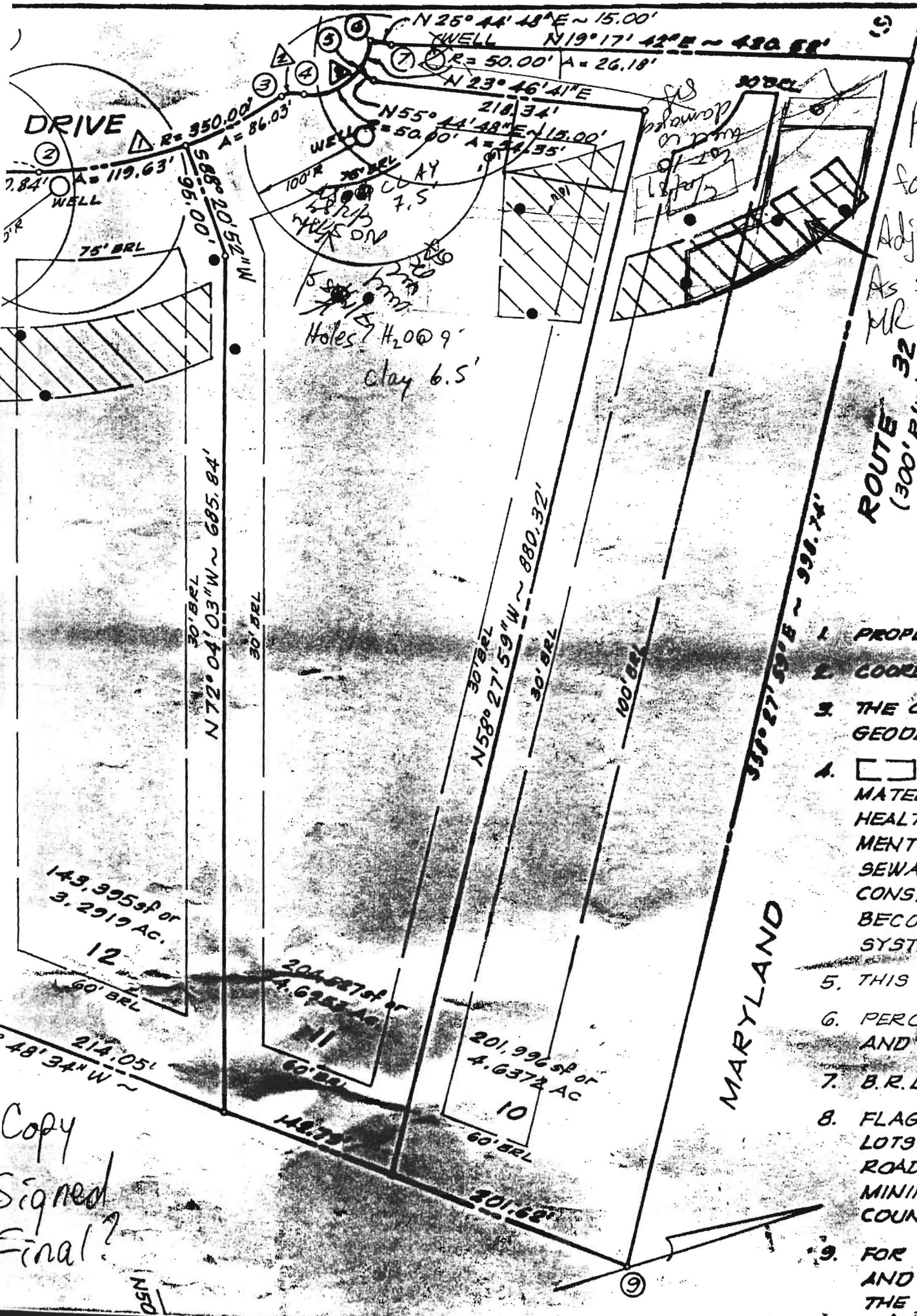
Glenn D. Clayville
Glenn D. Clayville

Justin A. Frizzell
Justin A. Frizzell, P.E.

GDC/JAF/ems

Attachment





Prelim OK
for
Adjustment +
As shown
ML 4/21/95

ROUTE 32
(300' R/W)

1. PROPERTY ZONE
2. COORDINATES
3. THE COORDINATE GEODETTIC CONTROL
4. THIS AREA IS APPROXIMATELY 10,000 GALLONS PER DAY OF SEWAGE IS AN UNCONSTRUCTED SYSTEM BECOME NUISANCE SYSTEM.
5. THIS SYMBOL
6. PERCOLATION AND SHOWN
7. B.R.L. = BOUNDARY
8. FLAG OR FLOTTS ACCORDING TO ROAD CAN BE MINIMUM FIFTY FEET COUNTY.
9. FOR FLAG AND ROAD THE FLAG
10. DRIVEWAY

Copy
Signed
Final?

1550

LETTER OF TRANSMITTAL

(410) 848-2229
FAX (410) 876-1226

TO Howard Co. Health Dept.
Bureau of Environmental Health
8930 Stanford Blvd.
Columbia, MD 21045

DATE	September 24, 2014	JOB NO.	
ATTENTION	Mr. Mike Davis		
RE:	5942 Clifton Oaks Drive		
	Nicholas Colombel Property		

WE ARE SENDING YOU Attached Under separate cover via _____ the following items:

Shop drawings Prints Plans Samples Specifications

Copy of letter Change order _____

COPIES	DATE	NO.	DESCRIPTION
		1	Letter to Mr. Davis requesting a variance from Howard County Code of Ordinances for above ref. property.
		1	Copy of BAT Sewage Treatment Plan for above ref. property.
		1	Soil Compaction Certification Letter

THESE ARE TRANSMITTED as checked below:

For approval Approved as submitted Resubmit _____ copies for approval

For your use Approved as noted Submit _____ copies for distribution

As requested Returned for corrections Return _____ corrected prints

For review and comment _____

FOR BIDS DUE _____ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: *P. Podolak*

Needs MDE
variance
to steep
slope
stem OK



THE CONTOUR LINE DRAWN ON THIS PLAN IS ADVISORY AS REQUIRED BY HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEBRUARY 1992, AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dBA EXPOSURE. THE 65 dBA EXPOSURE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

COORDINATE TABLE

POINT	NORTHING	EASTING
5	563211.421	1324456.992
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7	563241.813	1324443.899
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9	563116.373	1325434.112
11	563219.864	1324469.390
12	563419.670	1324557.424
13	562959.264	1325307.750

AREA TABULATION CHART

TOTAL NUMBER OF LOTS AND/OR PARCELS TO BE RECORDED:

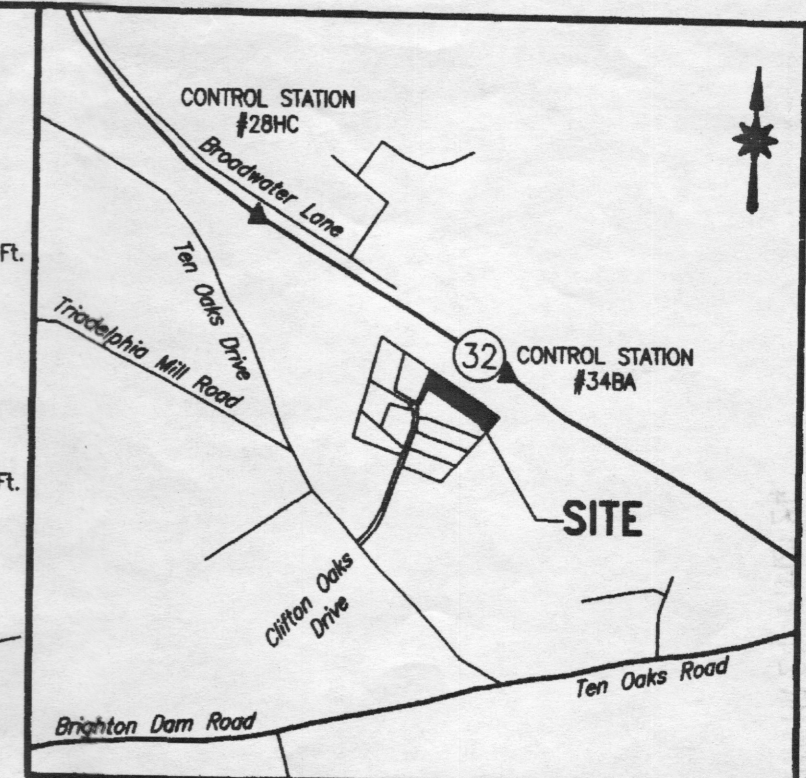
BUILDABLE: 1
 NON-BUILDABLE: 0
 OPEN SPACE: 0
 PRESERVATION PARCELS: 0

TOTAL AREA OF LOTS AND/OR PARCELS: 4.6372 Ac.± OR 201,996 Sq. Ft.

BUILDABLE: 0.0000 Ac.
 NON-BUILDABLE: 0.0000 Ac.
 OPEN SPACE: 0.0000 Ac.
 PRESERVATION PARCELS: 0.0000 Ac.

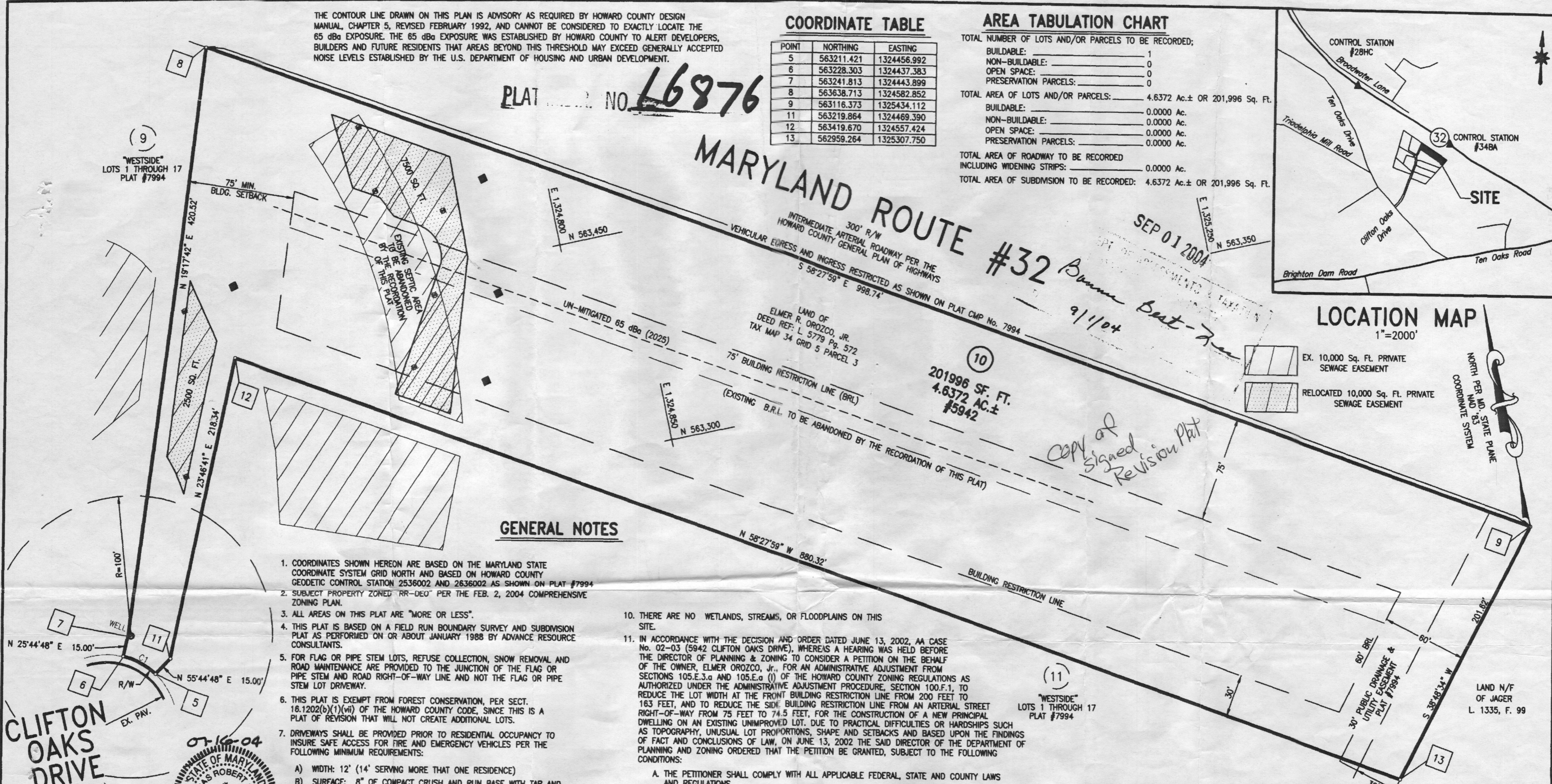
TOTAL AREA OF ROADWAY TO BE RECORDED INCLUDING WIDENING STRIPS: 0.0000 Ac.

TOTAL AREA OF SUBDIVISION TO BE RECORDED: 4.6372 Ac.± OR 201,996 Sq. Ft.



PLAT NO. **L6876**

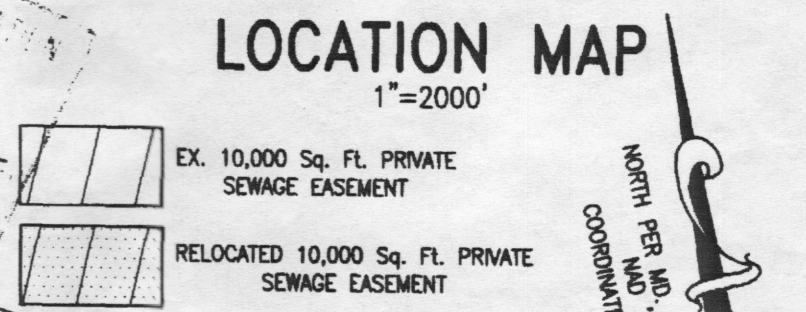
MARYLAND ROUTE #32



GENERAL NOTES

- COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE COORDINATE SYSTEM GRID NORTH AND BASED ON HOWARD COUNTY GEODETIC CONTROL STATION 2536002 AND 2636002 AS SHOWN ON PLAT #7994
- SUBJECT PROPERTY ZONED "RR-DEO" PER THE FEB. 2, 2004 COMPREHENSIVE ZONING PLAN.
- ALL AREAS ON THIS PLAT ARE "MORE OR LESS".
- THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY AND SUBDIVISION PLAT AS PERFORMED ON OR ABOUT JANUARY 1988 BY ADVANCE RESOURCE CONSULTANTS.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE AND NOT THE FLAG OR PIPE STEM LOT DRIVEWAY.
- THIS PLAT IS EXEMPT FROM FOREST CONSERVATION, PER SECT. 16.1202(b)(1)(vii) OF THE HOWARD COUNTY CODE, SINCE THIS IS A PLAT OF REVISION THAT WILL NOT CREATE ADDITIONAL LOTS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH: 12' (14' SERVING MORE THAN ONE RESIDENCE)
 - SURFACE: 8" OF COMPACT CRUSH AND RUN BASE WITH TAR AND COATING
 - GEOMETRY: MAXIMUM 15% GRADE, MINIMUM 10% GRADE CHANGE, AND MINIMUM 45' TURNING RADIUS.
 - STRUCTURES (CULVERTS AND BRIDGES): CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
 - STRUCTURES (CULVERTS/BRIDGES): CAPABLE OF PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
 - STRUCTURE CLEARANCES: MINIMUM 12 FEET.
 - MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 Sq. Ft. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- DENOTES PASSING PERCOLATION TEST
 ♦ DENOTES FAILING PERCOLATION TEST
- THERE ARE NO WETLANDS, STREAMS, OR FLOODPLAINS ON THIS SITE.
- IN ACCORDANCE WITH THE DECISION AND ORDER DATED JUNE 13, 2002, AA CASE No. 02-03 (5942 CLIFTON OAKS DRIVE), WHEREAS A HEARING WAS HELD BEFORE THE DIRECTOR OF PLANNING & ZONING TO CONSIDER A PETITION ON THE BEHALF OF THE OWNER, ELMER OROZCO, JR., FOR AN ADMINISTRATIVE ADJUSTMENT FROM SECTIONS 105.E.3.a AND 105.E.g (1) OF THE HOWARD COUNTY ZONING REGULATIONS AS AUTHORIZED UNDER THE ADMINISTRATIVE ADJUSTMENT PROCEDURE, SECTION 100.F.1, TO REDUCE THE LOT WIDTH AT THE FRONT BUILDING RESTRICTION LINE FROM 200 FEET TO 183 FEET, AND TO REDUCE THE SIDE BUILDING RESTRICTION LINE FROM 200 FEET TO 183 FEET, AND TO REDUCE THE FRONT BUILDING RESTRICTION LINE FROM 75 FEET TO 74.5 FEET, FOR THE CONSTRUCTION OF A NEW PRINCIPAL DWELLING ON AN EXISTING UNIMPROVED LOT, DUE TO PRACTICAL DIFFICULTIES OR HARDSHIPS SUCH AS TOPOGRAPHY, UNUSUAL LOT PROPORTIONS, SHAPE AND SETBACKS AND BASED UPON THE FINDINGS OF FACT AND CONCLUSIONS OF LAW, ON JUNE 13, 2002 THE SAID DIRECTOR OF THE DEPARTMENT OF PLANNING AND ZONING ORDERED THAT THE PETITION BE GRANTED, SUBJECT TO THE FOLLOWING CONDITIONS:
 - THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND COUNTY LAWS AND REGULATIONS.
 - THE RECORD PLAT SHALL BE RE-RECORDED TO INDICATE THE SETBACKS APPROVED IN THIS CASE. A NOISE STUDY AND MITIGATION PLAN ALONG MD. 32 MUST BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUBDIVISION REGULATIONS.
 - THE GRANTED ADMINISTRATIVE ADJUSTMENT SHALL APPLY SOLELY TO THE SINGLE-FAMILY DETACHED DWELLING AS DEPICTED ON THE ADMINISTRATIVE ADJUSTMENT PLAN SUBMITTED BY THE PETITIONER AND NOT TO ANY OTHER STRUCTURE, ADDITION, BUILDING OR USE.
 - A BUILDING PERMIT FOR THE CONSTRUCTION OF THE NEW DWELLING SHALL BE OBTAINED WITHIN TWO YEARS FROM THE DATE OF THIS ORDER AND SUBSTANTIAL CONSTRUCTION SHALL BE COMPLETED WITHIN THREE YEARS.

SEP 01 2004
 9/1/04
 COPY of signed Revision Plat



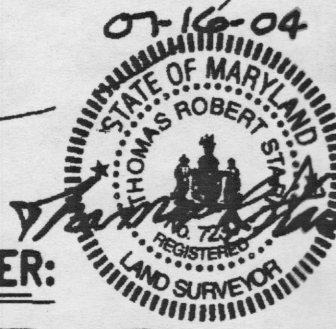
LOCATION MAP
1"=2000'

- EX. 10,000 Sq. Ft. PRIVATE SEWAGE EASEMENT
- RELOCATED 10,000 Sq. Ft. PRIVATE SEWAGE EASEMENT

CLIFTON OAKS DRIVE
50' R/W (PUBLIC)

ENGINEER:
CNA
engineers, surveyors & landscape architects

Civil Engineers • Land Surveyors • Landscape Architects
 Planners • Geotechnical Engineers • Environmental Engineers
 215 Bynum Road
 Forest Hill, Maryland 21050
 Phone (410) 879-7200 • Fax (410) 838-1811
 E-mail: cnamail@campbell-nolan.com



CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
C1	50.00'	26.18'	25.88'	N 49°15'25" W	30°00'00"	13.40'

PURPOSE STATEMENT

THE PURPOSE OF THIS REVISION PLAT IS TO UPDATE THE BUILDING RESTRICTION LINE PER THE FEB. 2, 2004 COMPREHENSIVE ZONING PLAN AND TO RECONFIGURE THE 10,000 FT. PRIVATE SEWERAGE EASEMENT.

RECORDED AS PLAT No. _____ ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

REVISION PLAT WESTSIDE
 LOT 10
 (A REVISION TO LOT 10)
 ZONED: RR-DEO
 TAX MAP 34 GRID 5 PARCEL 3
 AA-02-03 (PREVIOUS F-88-215)
 (PREVIOUSLY RECORDED AS:
 "WESTSIDE, LOT 1 THROUGH 17"
 AS SHOWN IN PLAT BOOK C.M.P. No. 7994
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

PLAT RECORDED
 TOTAL
 KEEP CHG
 CUR AMT
 SEP 01 2004

0' 50' 100' 150'

SHEET 1 OF 1

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER OF WATER AND SEWAGE FOR HOWARD COUNTY.

HOWARD COUNTY HEALTH OFFICER: _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

THOMAS R. STARIK, REGISTERED PROFESSIONAL LAND SURVEYOR No. 7230, CNA, INC. DATE 07-16-04

ELMER R. OROZCO, Jr. OWNER DATE 08-05-04

ELMER R. OROZCO, Jr. OWNER DATE 08-05-04

THOMAS R. STARIK, REGISTERED PROFESSIONAL LAND SURVEYOR No. 7230 DATE 07-16-04

DRAWN BY: JSC/SEP DESIGN BY: JSC DATE: 6/15/04
 CHECKED BY: JSC JOB NO.: 01351 SCALE: 1"=50'

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

I, ELMER OROZCO, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.

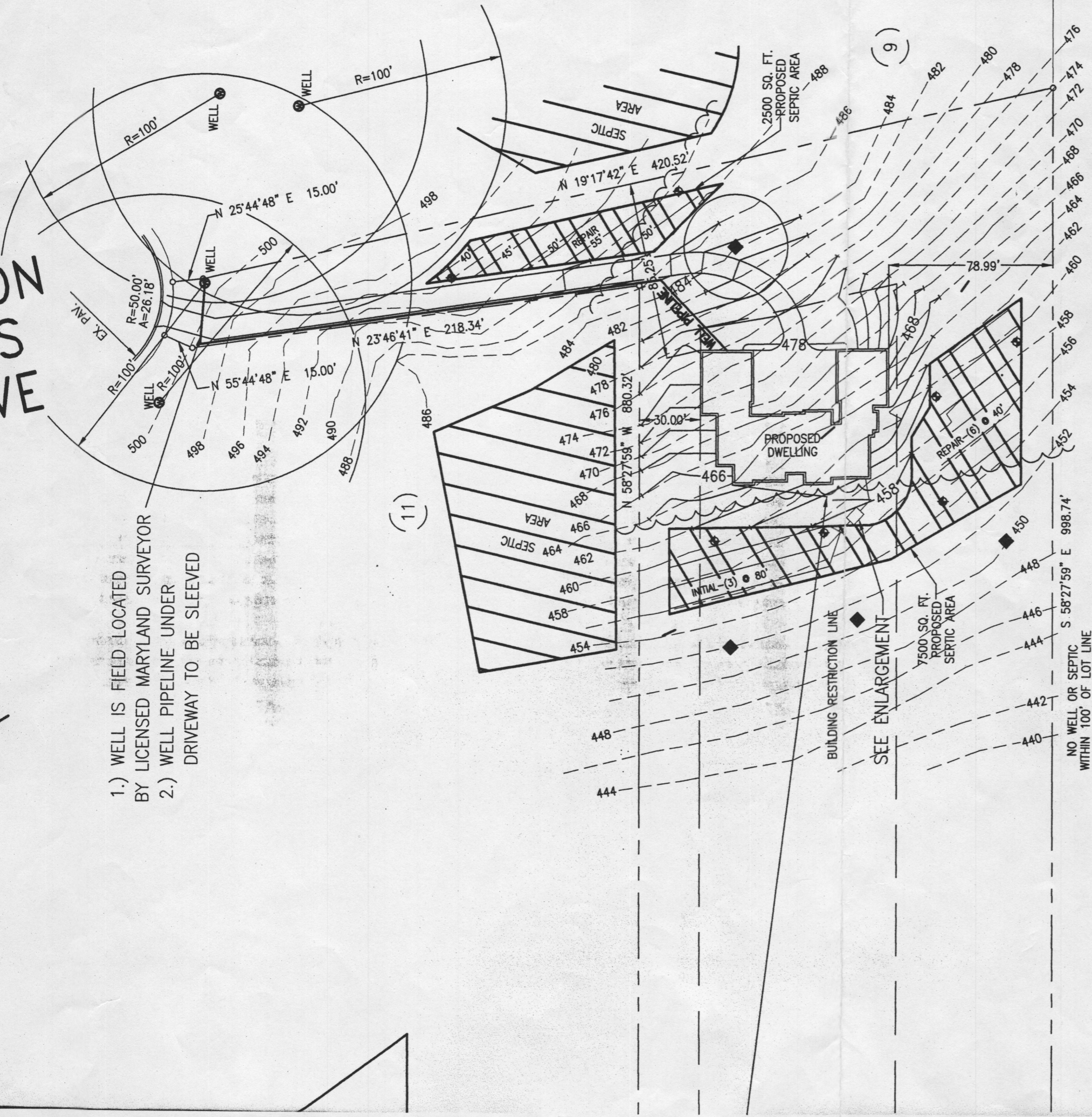
WITNESS MY HAND THIS 5 DAY OF Aug. 2004.

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY ISSAC ENTERPRISES, INC. TO ELMER OROZCO BY DEED DATED NOVEMBER 11, 2001 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND IN LIBER 5779/572, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

04/29/04
 MARYLAND DEPARTMENT OF PLANNING AND ZONING - CLIFTON OAKS DRIVE REVISION PLAT.dwg

WEST SIDE

- 1.) WELL IS FIELD LOCATED BY LICENSED MARYLAND SURVEYOR
- 2.) WELL PIPELINE UNDER DRIVEWAY TO BE SLEEVED



ROUTE #32

Approved Septic System Plan
Howard County Health Department

Signature _____ Date _____

THE PURPOSE OF THIS PLAN IS TO ADJUST A SEPTIC DISPOSAL AREA

PERCOLATION CERTIFICATION PLAN

LOT 10

WESTSIDE

LOTS 1 THROUGH 17

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

AND PRIVATE
IMPROVEMENTS WITH
COUNTY

DATE

SEWAGE EASEMENT AS
PART OF THE ENVIRONMENT
IMPROVEMENTS OF ANY
KIND. THIS EASEMENT
IS GRANTED TO A
PERSON CONNECTION TO A
COUNTY HEALTH
DEPARTMENT. GRANT ADJUSTMENTS
OR A REVISED
NECESSARY.

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.

CINIA

campbell & nolan associates, inc.

Civil Engineers * Land Surveyors * Geotechnical Engineers
P.O. Box 441 * Bel Air, Maryland 21014-0441
(410)879-7200 * (410)838-2784 * Fax(410)838-1811

SCALE: 1"=50'

DATE: 05-26-05

DRAWN BY: JEB

DESIGN BY: JEB

CHECKED BY:

JOB NO.: 01351

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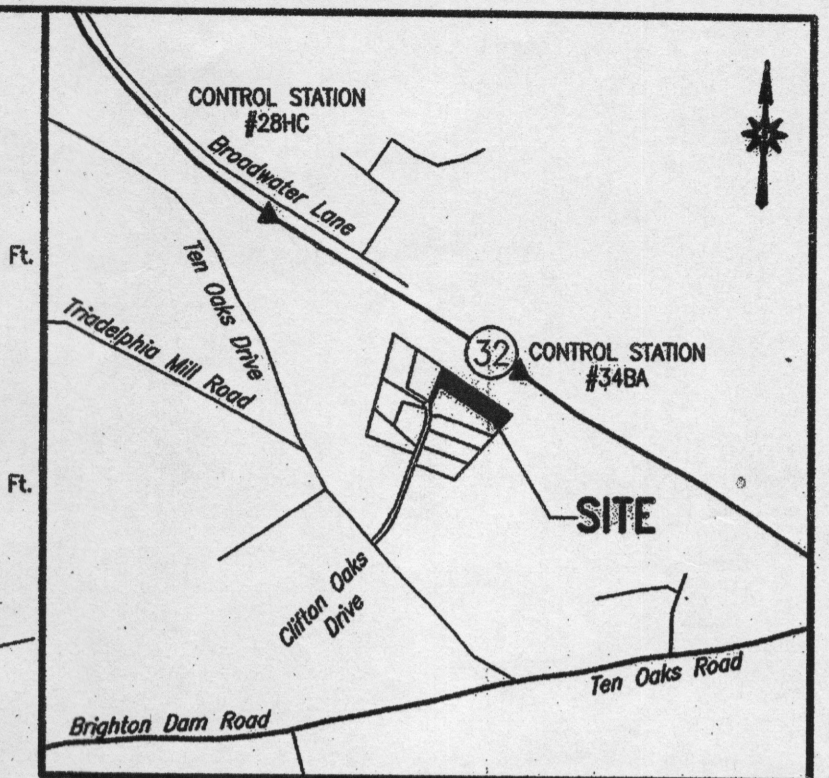
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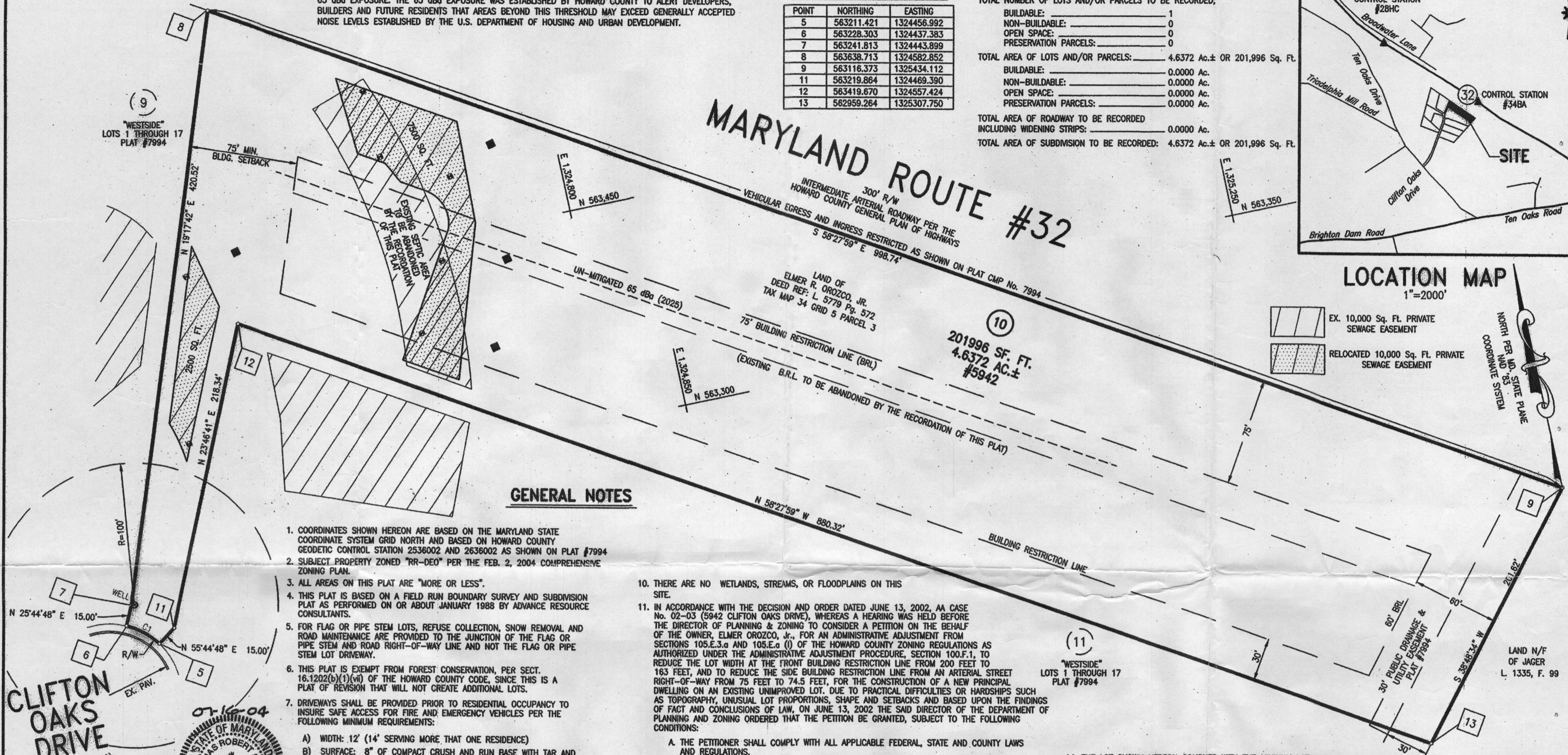
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MARYLAND ROUTE #32



GENERAL NOTES

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- THIS PLAT IS BASED ON A FIELD RUN BOUNDARY SURVEY AND SUBDIVISION PLAT AS PERFORMED ON OR ABOUT JANUARY 1988 BY ADVANCE RESOURCE CONSULTANTS.
- FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPE STEM AND ROAD RIGHT-OF-WAY LINE AND NOT THE FLAG OR PIPE STEM LOT DRIVEWAY.
- THIS PLAT IS EXEMPT FROM FOREST CONSERVATION, PER SECT. 16.1202(b)(1)(vii) OF THE HOWARD COUNTY CODE, SINCE THIS IS A PLAT OF REVISION THAT WILL NOT CREATE ADDITIONAL LOTS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH: 12' (14' SERVING MORE THAN ONE RESIDENCE)
 - SURFACE: 8" OF COMPACT CRUSH AND RUN BASE WITH TAR AND COATING
 - GEOMETRY: MAXIMUM 15% GRADE, MINIMUM 10% GRADE CHANGE, AND MINIMUM 45' TURNING RADIUS.
 - STRUCTURES (CULVERTS AND BRIDGES): CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
 - STRUCTURES (CULVERTS/BRIDGES): CAPABLE OF PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
 - STRUCTURE CLEARANCES: MINIMUM 12 FEET.
 - MAINTENANCE: SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 Sq. Ft. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDUSTRIAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDED OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- ♦-DENOTES PASSING PERCOLATION TEST
◆-DENOTES FAILING PERCOLATION TEST
- THERE ARE NO WETLANDS, STREAMS, OR FLOODPLAINS ON THIS SITE.
- IN ACCORDANCE WITH THE DECISION AND ORDER DATED JUNE 13, 2002, AA CASE No. 02-03 (5942 CLIFTON OAKS DRIVE), WHEREAS A HEARING WAS HELD BEFORE THE DIRECTOR OF PLANNING & ZONING TO CONSIDER A PETITION ON THE BEHALF OF THE OWNER, ELMER OROZCO, JR., FOR AN ADMINISTRATIVE ADJUSTMENT FROM SECTIONS 105.E.3.a AND 105.E.3.b (I) OF THE HOWARD COUNTY ZONING REGULATIONS AS AUTHORIZED UNDER THE ADMINISTRATIVE ADJUSTMENT PROCEDURE, SECTION 100.F.1, TO REDUCE THE LOT WIDTH AT THE FRONT BUILDING RESTRICTION LINE FROM 200 FEET TO 163 FEET, AND TO REDUCE THE SIDE BUILDING RESTRICTION LINE FROM AN ARTERIAL STREET RIGHT-OF-WAY FROM 75 FEET TO 74.5 FEET, FOR THE CONSTRUCTION OF A NEW PRINCIPAL DWELLING ON AN EXISTING UNIMPROVED LOT. DUE TO PRACTICAL DIFFICULTIES OR HARDSHIPS SUCH AS TOPOGRAPHY, UNUSUAL LOT PROPORTIONS, SHAPE AND SETBACKS AND BASED UPON THE FINDINGS OF FACT AND CONCLUSIONS OF LAW, ON JUNE 13, 2002 THE SAID DIRECTOR OF THE DEPARTMENT OF PLANNING AND ZONING ORDERED THAT THE PETITION BE GRANTED, SUBJECT TO THE FOLLOWING CONDITIONS:
 - THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND COUNTY LAWS AND REGULATIONS.
 - THE RECORD PLAT SHALL BE RE-RECORDED TO INDICATE THE SETBACKS APPROVED IN THIS CASE. A NOISE STUDY AND MITIGATION PLAN ALONG MD. 32 MUST BE CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SUBDIVISION REGULATIONS.
 - THE GRANTED ADMINISTRATIVE ADJUSTMENT SHALL APPLY SOLELY TO THE SINGLE-FAMILY DETACHED DWELLING AS DEPICTED ON THE ADMINISTRATIVE ADJUSTMENT PLAN SUBMITTED BY THE PETITIONER AND NOT TO ANY OTHER STRUCTURE, ADDITION, BUILDING OR USE.
 - A BUILDING PERMIT FOR THE CONSTRUCTION OF THE NEW DWELLING SHALL BE OBTAINED WITHIN TWO YEARS FROM THE DATE OF THIS ORDER AND SUBSTANTIAL CONSTRUCTION SHALL BE COMPLETED WITHIN THREE YEARS.
- NOTE: SINCE AA-02-03 BECAME VOID ON JUNE 13, 2004 AND A BUILDING PERMIT HAS NOT BEEN OBTAINED, PER CONDITION D OF THE ADMINISTRATIVE ADJUSTMENT CASE, THE 74.5' BRL HAS BEEN REVISED BACK TO THE REQUIRED 75' FROM STATE ROUTE 32.
- A NOISE STUDY WAS CONDUCTED BY WILDMAN ENVIRONMENTAL SERVICES IN MAY 2002 AND UPDATED ON 04/01/04, PER A CONDITION OF THE D&O FOR AA-02-03, AND CONSIDERED APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING/DED ON 06/03/04.
- THE 65 dBA NOISE CONTOUR LINE DRAWN ON THIS SUBDIVISION PLAN IS ADVISORY AS REQUIRED BY THE HOWARD COUNTY DESIGN MANUAL, CHAPTER 5, REVISED FEB., 1992 AND CANNOT BE CONSIDERED TO EXACTLY LOCATE THE 65 dBA NOISE EXPOSURE. THE 65 dBA NOISE LINE WAS ESTABLISHED BY HOWARD COUNTY TO ALERT DEVELOPERS, BUILDERS AND FUTURE RESIDENTS THAT AREAS BEYOND THIS THRESHOLD MAY EXCEED GENERALLY ACCEPTED NOISE LEVELS ESTABLISHED BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

CURVE TABLE

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE	TANGENT
C1	50.00'	26.18'	25.88'	N 49°15'25" W	30°00'00"	13.40'

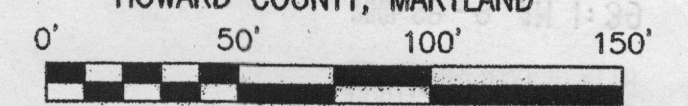
PURPOSE STATEMENT

THE PURPOSE OF THIS REVISION PLAT IS TO UPDATE THE BUILDING RESTRICTION LINE PER THE FEB. 2, 2004 COMPREHENSIVE ZONING PLAN AND TO RECONFIGURE THE 10,000 FT. PRIVATE SEWAGE EASEMENT.

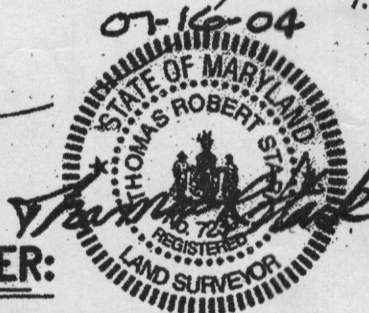
RECORDED AS PLAT No. 912104 ON 110876 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

REVISION PLAT WESTSIDE

LOT 10
(A REVISION TO LOT 10)
ZONED: RR-DEO
TAX MAP 34 GRID 5 PARCEL 3
AA-02-03 (PREVIOUS F-88-215)
(PREVIOUSLY RECORDED AS:
"WESTSIDE, LOT 1 THROUGH 17"
AS SHOWN IN PLAT BOOK C.M.P. No. 7994
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



CLIFTON OAKS DRIVE
50' R/W (PUBLIC)



ENGINEER:

CNA
engineers, surveyors & landscape architects

Civil Engineers • Land Surveyors • Landscape Architects
Planners • Geotechnical Engineers • Environmental Engineers
215 Bynum Road
Forest Hill, Maryland 21050
Phone (410) 878-7200 • Fax (410) 838-1811
E-mail: cnamail@campbell-nolan.com

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER OF WATER AND SEWERAGE FOR HOWARD COUNTY.
[Signature] DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.
[Signature] DATE

APPROVED: CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature] DATE

DRAWN BY: JSC/SEP DESIGN BY: JSC DATE: 6/15/04
CHECKED BY: *[Signature]* JOB NO.: 01351 SCALE: 1"=50'

THE REQUIREMENTS § 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPILED WITH.
[Signature] 07-16-04
THOMAS R. STARK
REGISTERED PROFESSIONAL LAND SURVEYOR No. 7230
CNA, INC.

[Signature] 08-05-04
ELMER R. OROZCO, Jr.
OWNER

I, ELMER OROZCO, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES. ALL EASEMENTS OF RIGHTS-OF-WAY AFFECTING THE PROPERTY ARE INCLUDED IN THIS PLAN OF SUBDIVISION.
WITNESS MY HAND THIS 5 DAY OF Aug. 2004.

[Signature] 08-05-04
ELMER R. OROZCO, Jr.
OWNER

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL THE LANDS CONVEYED BY ISSAC ENTERPRISES, INC. TO ELMER OROZCO BY DEED DATED NOVEMBER 11, 2001 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY MARYLAND IN LIBER 5779/572, AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

[Signature] 07-16-04
THOMAS R. STARK
REGISTERED PROFESSIONAL LAND SURVEYOR No. 7230

DATE: 04/28/04
M:\BUILDERSERVICES\01000\01351-CLIFTON OAKS DR\REVISEDPLAT.DWG

F-04-109