

LAYOUT \_\_\_\_\_ INSP 4 \_\_\_\_\_  
INSP 2 12 INSP 5 \_\_\_\_\_  
INSP 3 12/29/04-12 INSP 6 \_\_\_\_\_

ISSUE DATE: 9/21/2004

APPROVAL DATE: 10/28/04

**PERMIT  
INDEXED**

05-392349

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

P 520894

A 32232

Fyock Septic Service IS PERMITTED TO INSTALL  ALTER

ADDRESS: PO Box 89, Glenelg, MD 21737 PHONE NUMBER: 410-988-9270

SUBDIVISION: Jocelyn Acres LOT NUMBER: 6

ADDRESS: 6647 Luster Drive PROPERTY OWNER: John & Andrea Connors

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 175 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 8.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest possible location in the approved SDA.
NOTES:	

PLANS APPROVED: Kevin J. Bell Reviewed by: \_\_\_\_\_ DATE: 6/18/04

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  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

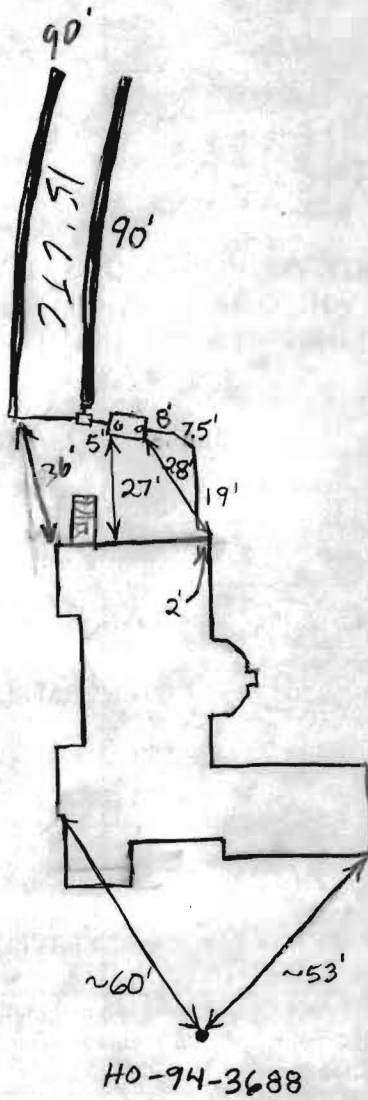
**BUILDING PERMIT SIGNED** AT 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**AND RETURNED**

4104106-000 158873-16 POOL

A 5 2 3043-A

NOT TO SCALE



ROAD

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	8"
NUMBER OF TRENCHES		2
TOTAL LENGTH		180'
ABSORPTION AREA		540 <del>4</del>
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA		
SEPTIC TANK 1 LEVEL		<input checked="" type="checkbox"/>
2 Comp.	CAPACITY	1500 GAL
	SEAM LOC	Top
	TANK LID DEPTH	~2'
	BAFFLES	<input checked="" type="checkbox"/>
	BAFFLE FILTER	No
	MANHOLE LOC	—
	6" PORT LOC	F&B
	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 10/26/04 - SRA staked, contour accurate. Install  
 a 7.5' & 10' trench on contour at highest part of SRA (SO)

INSTALLATION 10/27/04 Need house connection. Tank set. Almost done  
 1st trench - O.K. to cover it. (BB)

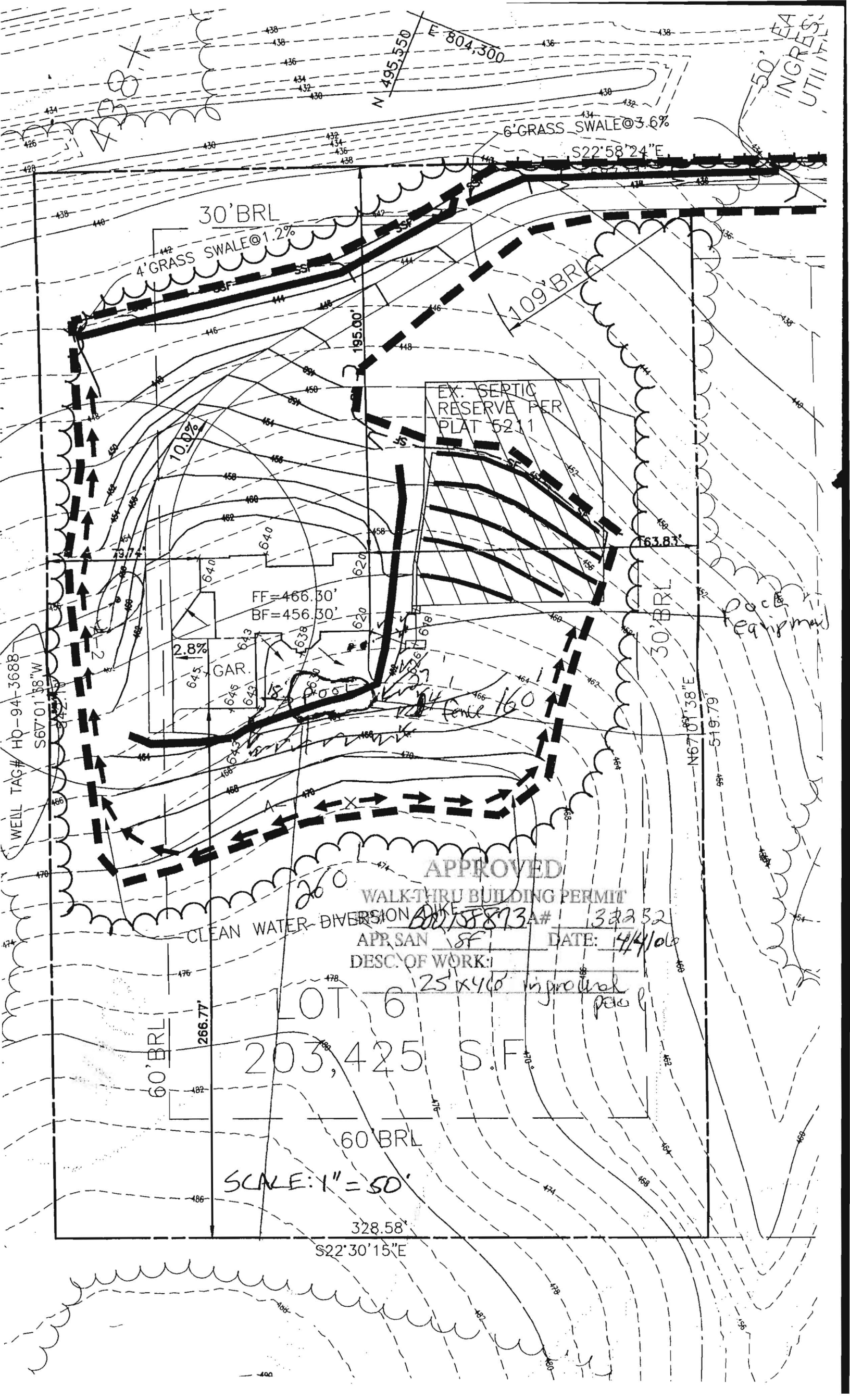
10/28/04 = All work complete, OK to cover (SO)

BUILDING PERMIT SIGNED  
 AND RETURNED

FINAL INSPECTOR

DATE OF APPROVAL

10/28/04



50' EA  
INGRES  
UTILIT

N 495,550  
E 804,300

6' GRASS SWALE @ 3.6%  
S22°58'24"E

30' BRL

4' GRASS SWALE @ 1.2%

109' BRL

EX. SEPTIC  
RESERVE PER  
PLAT 5211

10.0%

FF = 466.30'  
BF = 456.30'

2.8%

GAR.

Fertil 160

Loc  
Equipment

1 WELL TAG# HQ-94-3688  
S67°01'38"W

30' BRL  
N67°01'38"E  
519.79

APPROVED

WALK-THRU BUILDING PERMIT

CLEAN WATER DIVERSION DIKE

APPR SAN 8F DATE: 4/4/06

DESC. OF WORK:

25' x 40' in ground

LOT 6

203,425 S.F.

60' BRL

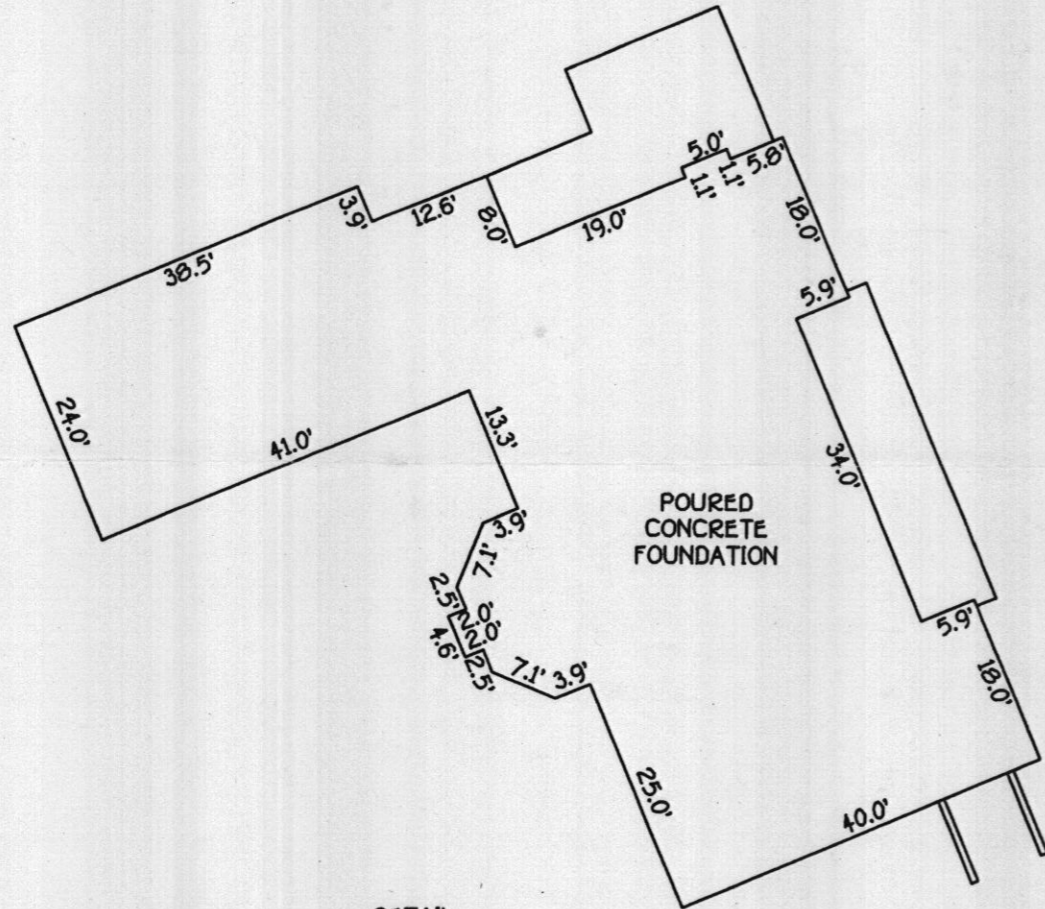
SCALE: 1" = 50'

328.58'

S22°30'15"E

**GENERAL NOTES:**

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440032B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (±)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-94-3688 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



DETAIL:  
1"=20'

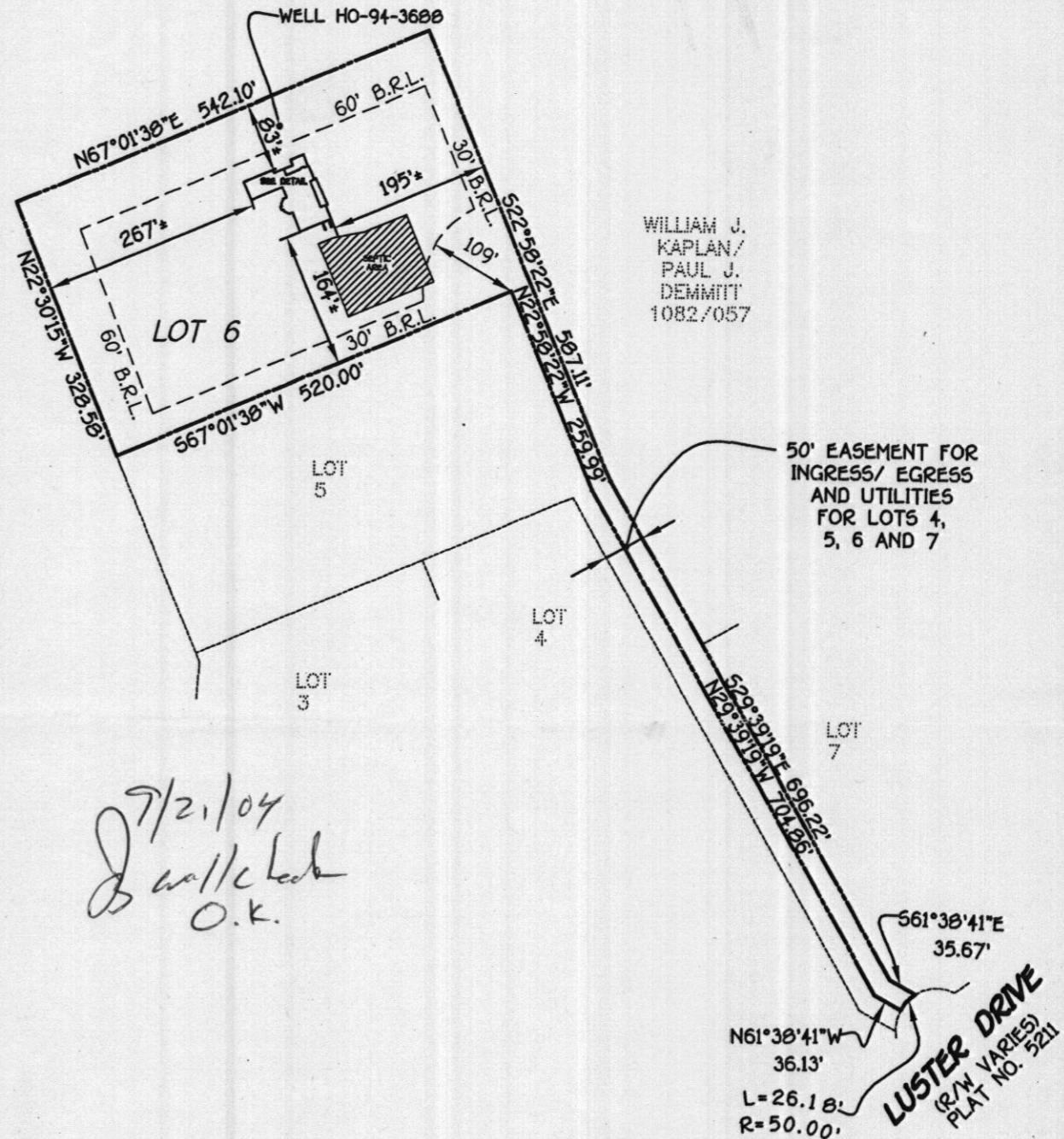


*Terrella Fisher*  
PROFESSIONAL LAND SURVEYOR  
REG. 10692  
DATE 8/11/04

**HOUSE LOCATION DRAWING**

FOUNDATION LOCATION: 8/13/04  
FINAL LOCATION: \_\_\_\_\_  
BOUNDARY SURVEY: \_\_\_\_\_

SCALE: 1"=200'  
DATE: 9/03/04  
DRAWN BY: V.L.I.  
CHECKED BY: T.A.E.  
PROJECT No.: 71327



WILLIAM J. KAPLAN/  
PAUL J. DEMMITT  
1082/057

LOT 6  
JOCELYN ACRES  
SECTION TWO  
5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
PLAT #5211

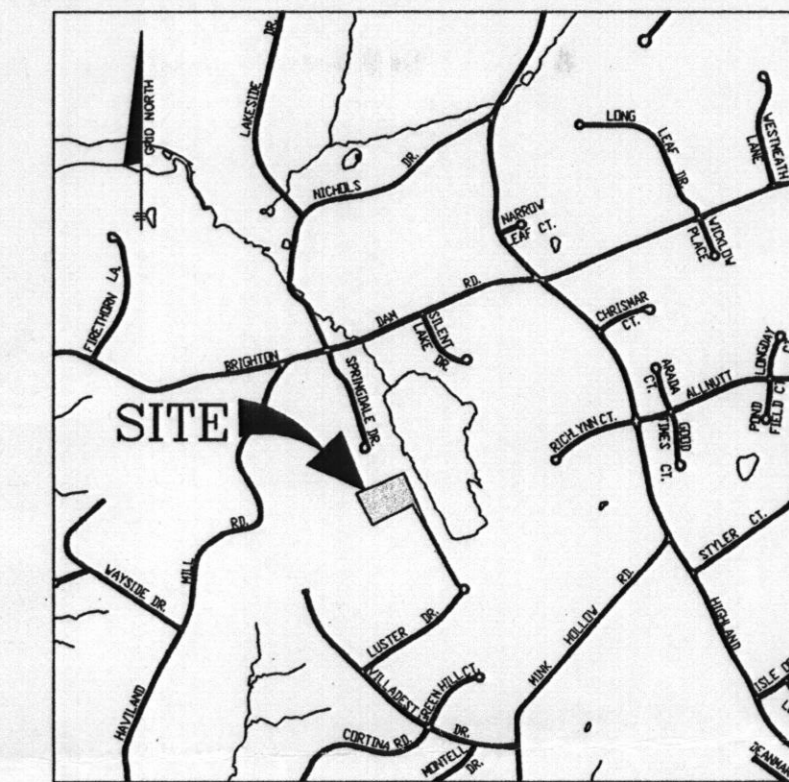
B.R.L. = BUILDING RESTRICTION LINE  
TOP OF FOUNDATION ELEV. 465.8'

**FISHER, COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MARYLAND 21042  
(410) 461-2955

**BENCHMARKS NAD'27 HORIZONTAL**

HO. CO. #2535003-R  
STAMPED BRASS DISK SET ON TOP OF  
CONCRETE BASE  
N 497692.128' E 805559.325'

HO. CO. #2535007-R  
STAMPED BRASS DISK SET ON TOP OF  
CONCRETE BASE  
N 497679.862' E 805047.269'



VICINITY MAP  
SCALE: 1"=2000'

**ADDRESS CHART**

LOT No.	ADDRESS
6	6647 LUSTER DRIVE

**SOILS LEGEND**

MAP SYMBOL	SOIL TYPE	MAPPING UNIT
M1C2	B	MANOR LOAM, 8 TO 15 PERCENT SLOPES - MODERATELY ERODED
G1B2	B	GLENELG LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED
G1C2	B	GLENELG LOAM - 8 TO 15 PERCENT SLOPES - MODERATELY ERODED
G1C3	B	GLENELG LOAM - 8 TO 15 PERCENT SLOPES - SEVERELY ERODED
EKB2	C	ELIOAK SILT LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED
EKC2	C	ELIOAK SILT LOAM - 8 TO 15 PERCENT SLOPES - MODERATELY ERODED
GnB2	C	GLENVILLE SILT LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED
ChB2	B	CHESTER SILT LOAM - 3 TO 8 PERCENT SLOPES - MODERATELY ERODED

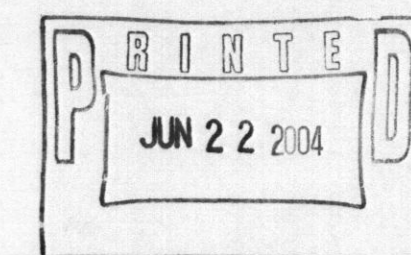
SOILS MAP No. 22

**NOTES:**

- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT PER THE RECORD PLAT.
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF AND NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS 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 PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
- TOPOGRAPHY SHOWN HEREON HAS BEEN TAKEN FROM ARIAL TOPOGRAPHY AT 2' CONTOUR INTERVALS.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION.
- SELECTIVE CLEARING OF TREES MAY TAKE PLACE IN THE SEPTIC RESERVE AREA AND AROUND THE SEPTIC PIPE AND TANK.

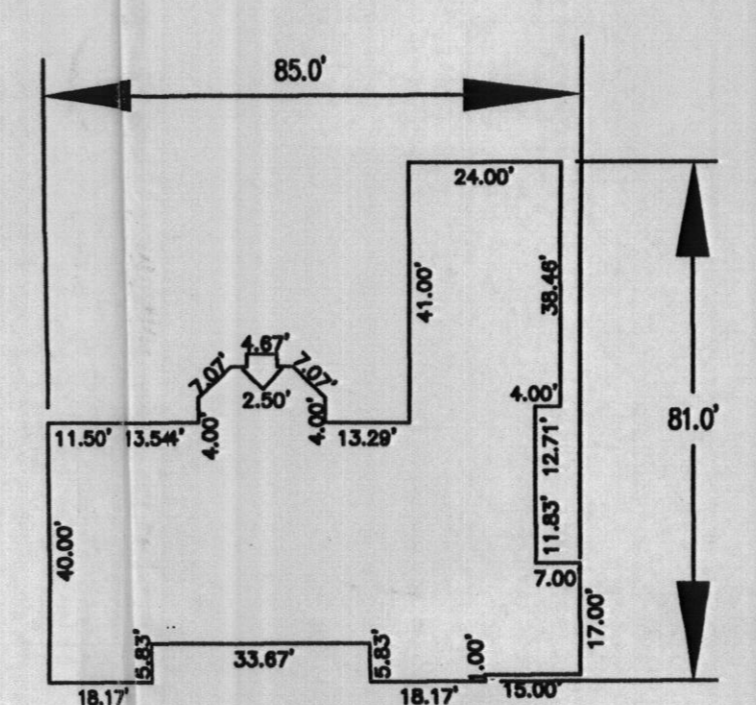
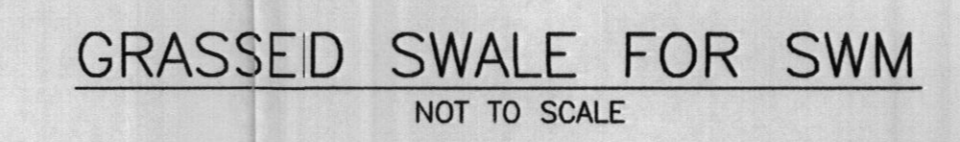
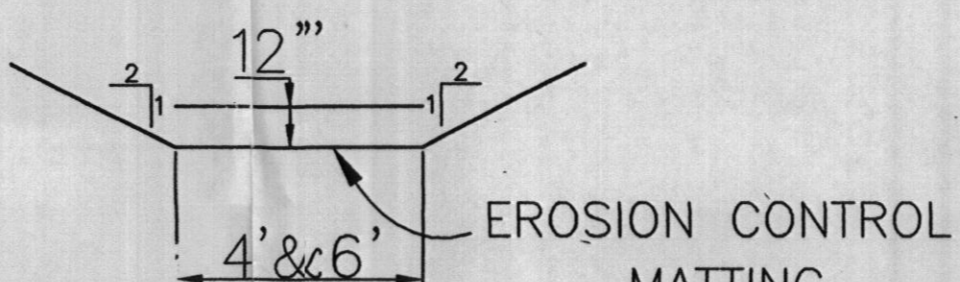
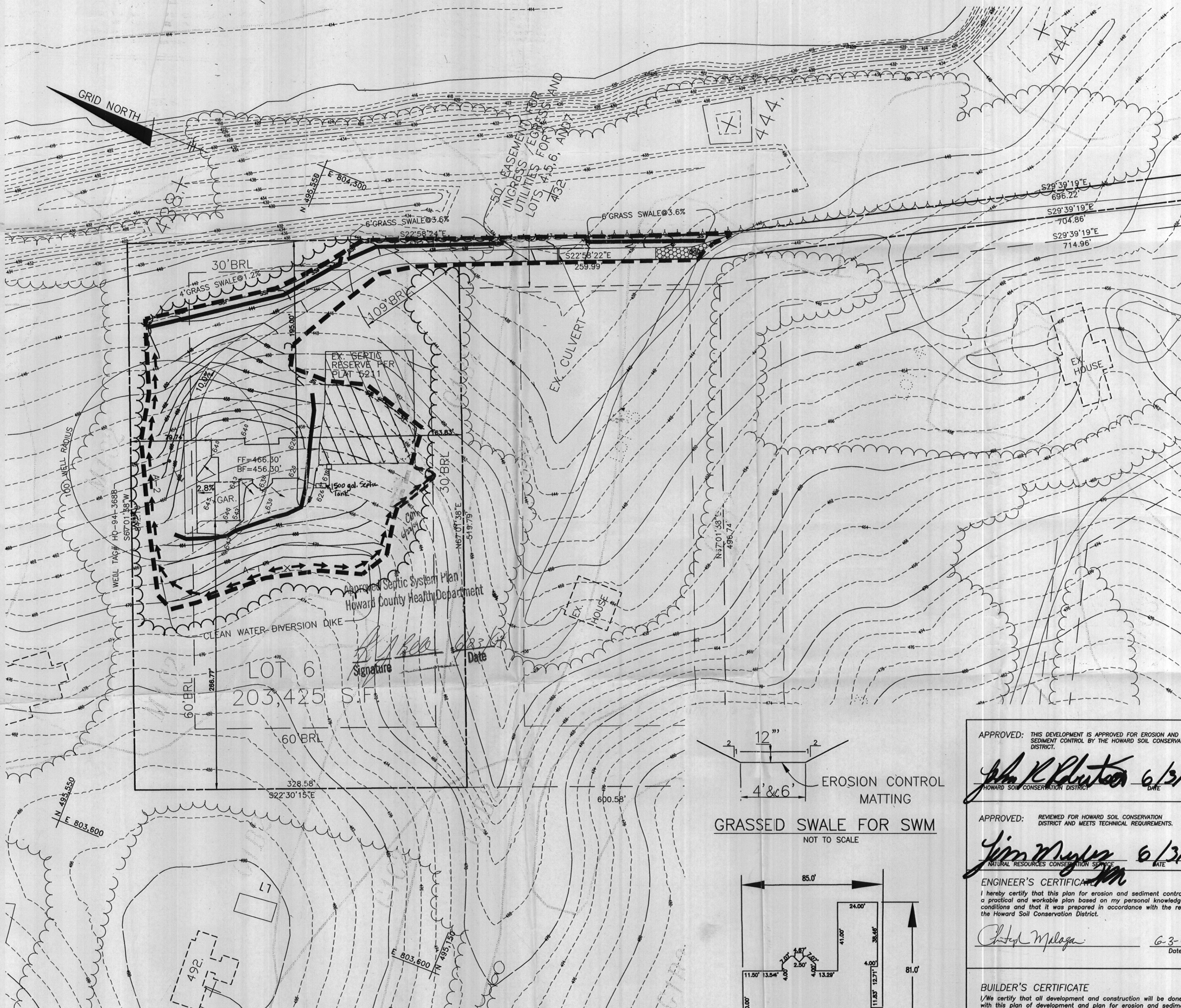
8. THE EXISTING WELL SHOWN ON THIS PLAN, TAG # HO-94-3088, HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.

EX. GRADE @ DIST. BOX=461.8  
INV. DIST. BOX=458.8  
INV. OUT TANK=459.1  
INV. IN TANK=459.4  
INV. HOUSE=459.8  
EJECTOR PUMP REQ.



**LEGEND**

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROP. SILT FENCE
- PROP. SUPER SILT FENCE
- LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE
- EX. TREE LINE
- PROP. TREE LINE
- EX. SEPTIC RESERVE AREA
- PROP. EROSION CONTROL MATTING
- PROP. CLEAN WATER DIVERSION DIKE



PLAN VIEW  
SCALE: 1" = 50'

APPROVED: THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*John K. Blanton* 6/3/04  
HOWARD SOIL CONSERVATION DISTRICT

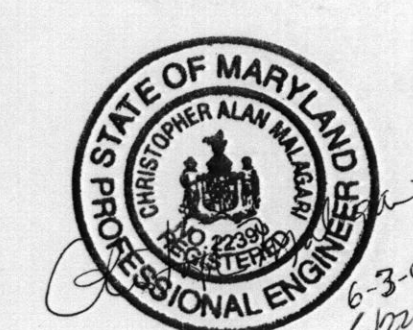
APPROVED: REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*Jim Myler* 6/3/04  
NATURAL RESOURCES CONSERVATION SERVICE

ENGINEER'S CERTIFICATE  
I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*Cheryl Malaga* 6-3-04  
Date

BUILDER'S CERTIFICATE  
I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project will have a certificate of attendance at a Department of the Environment approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic onsite inspection by the Howard Soil Conservation District or their authorized agents, as are  
*[Signature]* 6/3/04  
Signature of Builder Date

NO.	DATE	REVISION
1	6-22-04	REMOVED SEPTIC TRENCHES AND DIST. BOX PER HEALTH DEPT.

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6844  
E-MAIL: benchmark@ccais.com



OWNER:	PROJECT:
JOHN CONNORS C/O CORNERSTONE HOMES 9695 NORFOLK AVENUE LAUREL, MD 20723 (410)792-2565	JOCELYN ACRES SECTION TWO
LOCATION:	TAX MAP-34 PART OF PARCEL 24 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	PLOT PLAN
DATE:	MAY 2004 PROJECT NO. 1753
DESIGN:	SCALE: AS SHOWN DRAWING 1 OF 2