

9-5-01 Layout After 1pm 11/6/01 Septic Tank Says AH 11/9/01 - 12pm pumptest
10/29/01 Layout 10-11

11/1/01 Follow-up/Final A.M.
ISSUE DATE: 9/4/2001

APPROVAL DATE: 11/9/01

05-427088
PERMIT INDEXED

P 516014-A
A 56642-B

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

Union Paving Company, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS: 5977 Sandy Ridge Road, Elkridge PHONE NUMBER: 410-379-6463

SUBDIVISION: Twist & Turn LOT NUMBER: 1

ADDRESS: 14100 ~~Twist & Turn Lane~~ ^{Twisting Lane} PROPERTY OWNER: Patriot Homes

SEPTIC TANK CAPACITY (GALLONS): 1250 (TOPSEAM)

PUMP CHAMBER CAPACITY (GALLONS): 1250 (TOPSEAM)

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: ~~172~~ 172' Inlet 2' Bottom 7.0' 5' of Stone 860 sq. ft. of area

TRENCHES:	Trench to be 2.0 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 2.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Begin trenches 180 feet up the left lot line and 10 feet off that same lot line as seen when facing the lot from Twist & Turn Lane. Run trenches on contour in both directions.
NOTES:	TANK LOCATION'S CRITICAL LAYOUT INSP. CRITICAL!

PLANS APPROVED: Amy Mc Millen OK SRK 6/25/01 DATE: 6-18-01

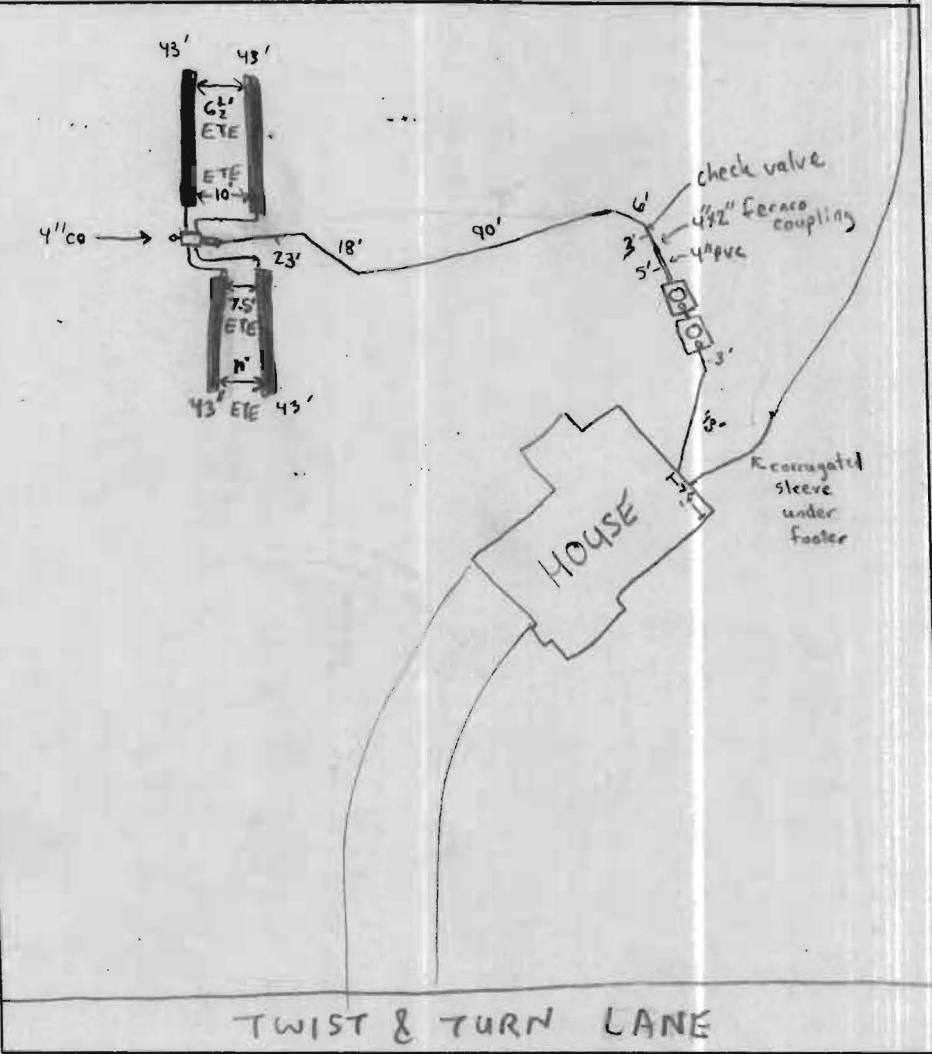
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND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

11/6/01 Tank risers cemented at bottom & middle seams. Sprayed w/ Tar. Ok to leave
BUILDING PERMIT SIGNED AND RETURNED 7-10-02
Bob 137406 - POREH

516014A

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH	<u>2.0'</u>
TRENCH INLET DEPTH	<u>2.0'</u>
TRENCH BOTTOM DEPTH	<u>7'</u>
DEPTH OF STONE	<u>5'</u>
NUMBER OF TRENCHES	<u>4</u>
TOTAL TRENCH LENGTH	<u>172'</u>
ABSORBENT AREA	<u>860ft²</u>
DISTRIBUTION BOX LEVEL	<input checked="" type="checkbox"/>
BAFFLE IN DISTRIBUTION BOX	<input checked="" type="checkbox"/>
	<u>4" monitoring pipe (cleanout)</u>

SEPTIC TANK DATA

SEPTIC TANK	<u>1250 TS</u>	GALLONS
MANHOLE RISER	<u>on center</u>	
6 INCH INSPECTION PORT	<u>on front</u>	

PUMP CHAMBER DATA

PUMP CHAMBER	<u>1250 TS</u>	GALLONS
MANHOLE RISER	<u>on center</u>	
ALARM	<u>operational / 11/9/01</u>	
PUMP PERFORMANCE TEST	<u>OK</u>	

PRE-CONSTRUCTION INSPECTION: 9/5/01 A good portion of easement is unusable because of grading changes in and around easement. Work stopped

INSPECTION COMMENTS: until a solution is available to fix problem - if possible. See B.P. diagram, (BB) 10/26/01 Contour not as shown on B.P. plan - no time to check with transit. If tanks can't be set at less than 3'-3.5' in a reasonable area, then grinder pump required. No work done. (BB) 10/29/01 Trenches laid out, to install 4-43' trenches. Tank placement may still be a problem. (BB) 10/30/01 O.K. to place tanks downhill from house. Tanks to be as shallow as possible. Tank invert

INSPECTOR B. Baker DATE SYSTEM APPROVED 11/9/01

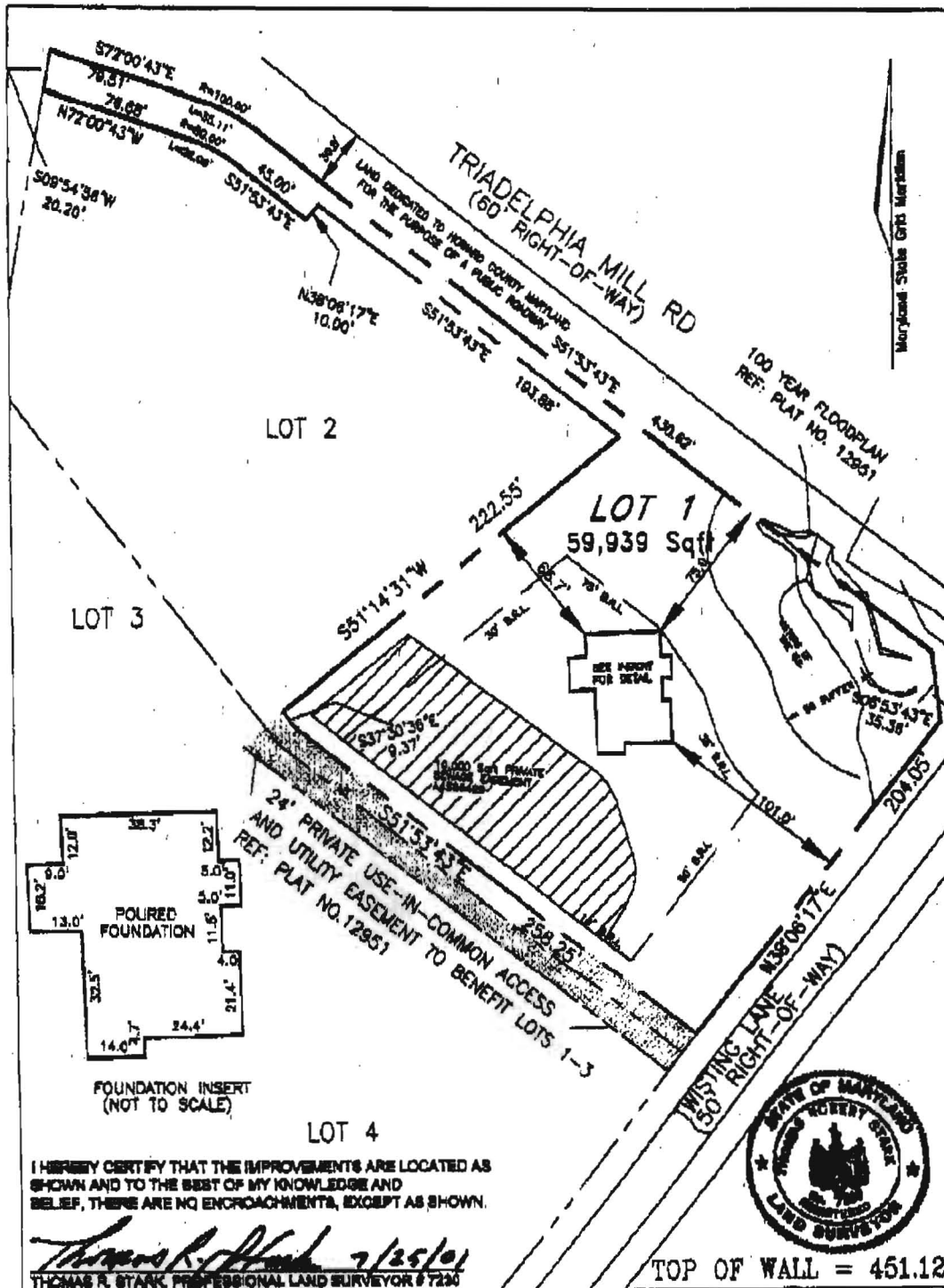
and outvert to be sealed. Concrete manhole riser to be sealed on tank with cement. (BB) 11/1/01 - OK TO COVER TRENCHES, MANHOLE RINGS STILL NEED TO BE SEALED TO TANK w/ CEMENT & PUMP TEST NEEDED (SRU/KG) (over) =>

18:58 FAX 4107208228

Frederick Ward

002

MAILED 8/1/01



9/4/01
 House location as per B.P. plan.
 Approved too close to easement. However minimal impact. O.K.
 BB

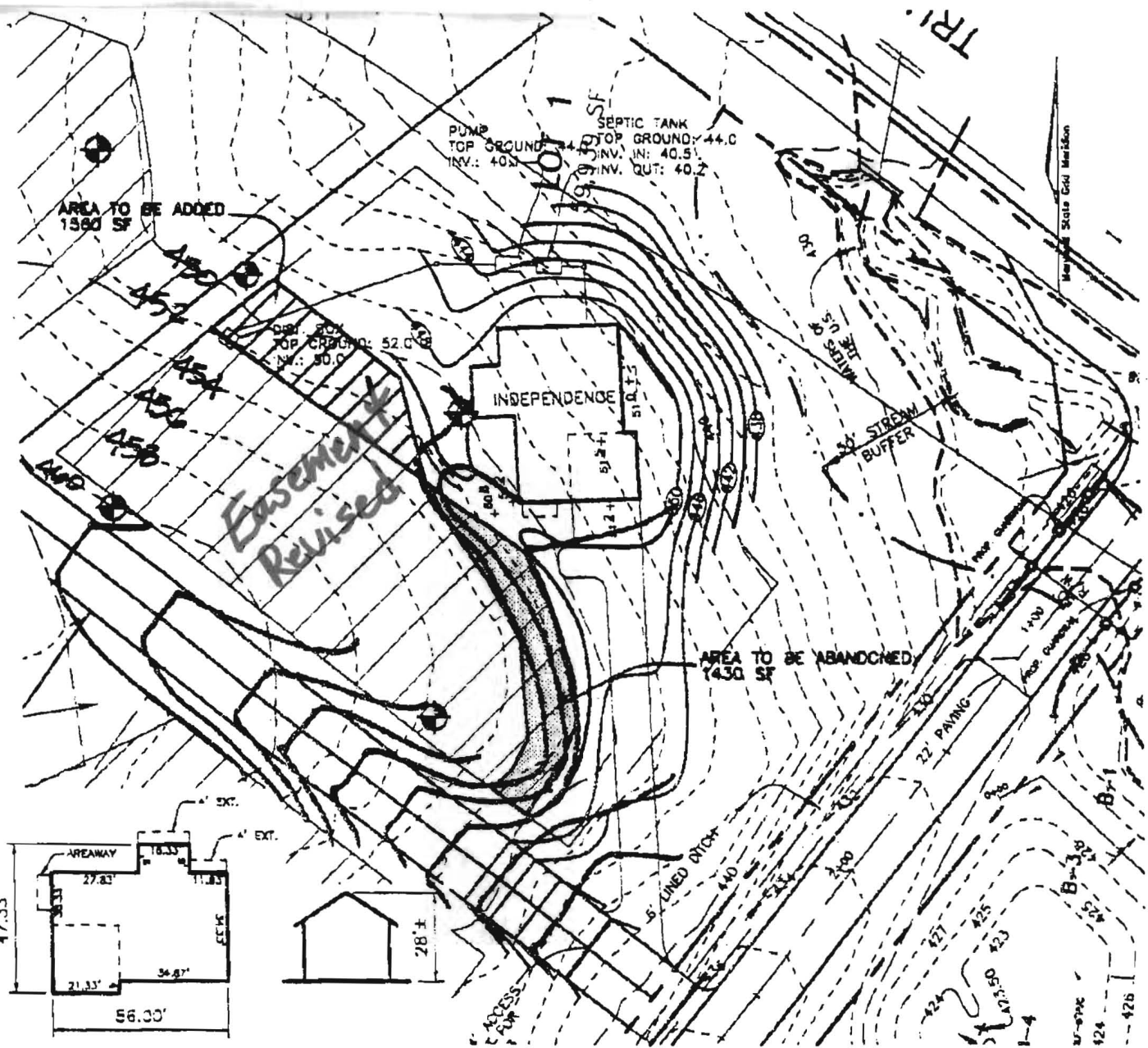
I HEREBY CERTIFY THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS, EXCEPT AS SHOWN.

Thomas R. Stark 7/25/01
 THOMAS R. STARK PROFESSIONAL LAND SURVEYOR #7220



PLAT No. 12951	DATE 7-19-01	FREDERICK WARD ASSOCIATES, NC. 7125 Riverwood Drive Columbia, Maryland 21046-2984 Phone: 410-280-8880 Fax: 410-720-8228 Bel Air, Maryland Warrenton, Virginia	WALL CHECK LOT 1 TWIST & TURN ESTATES 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DR. BY SCH	CH. BY		
SCALE: 1"=60'	JOB NO. 2014027		

Union Paving



INDEPENDENCE
 ELEV. #1
 1"=50'



FREDERICK WARD ASSOCIATES, INC.

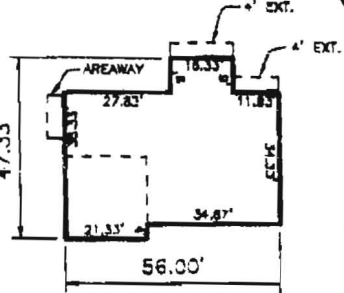
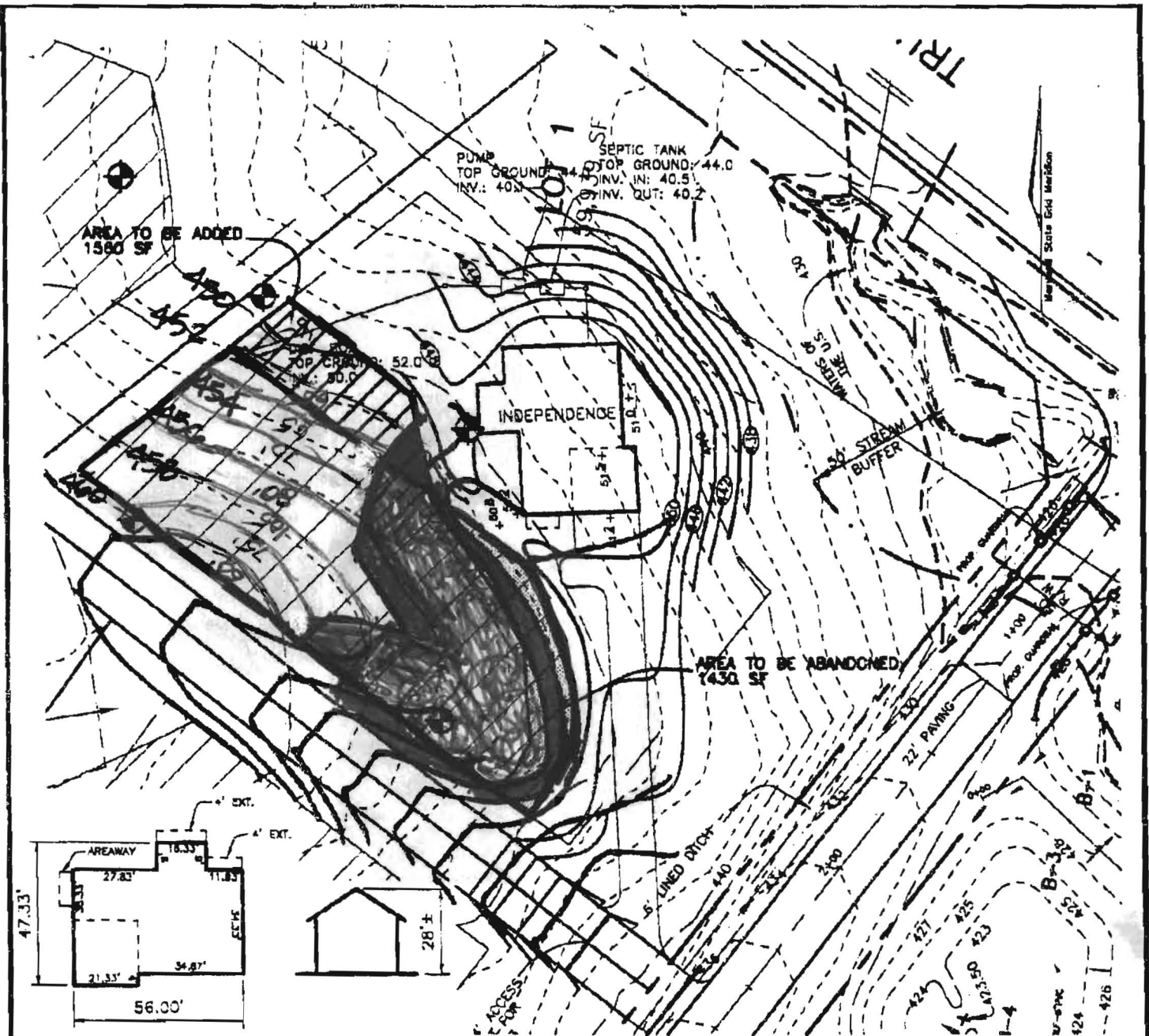
ENGINEERS 7125 Riverwood Drive Columbia, Maryland 21046-2354
ARCHITECTS Phone: 410-290-9550 Fax: 410-720-8228
SURVEYORS Bel Air, Maryland Columbia, Maryland Warrenton, Virginia

SCALE 1"=50'
 DRAWN BY CMH
 CHECKED BY JCO
 DATE JUNE 4, 2001
 W. O. # 96-03
 SHEET# 1 OF 1

TWIST AND TURN ESTATES LOT 1

TAX MAP 27
 5TH ELECTION DISTRICT

PARCEL '24'
 HOWARD COUNTY, MARYLAND



INDEPENDENCE
ELEV. #1
1"=50'



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SCALE	1"=50'
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SHEET#	1 OF 1

TWIST AND TURN ESTATES LOT 1

TAX MAP 27 PARCEL '24'
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

3-170' Systems
 Stone from 2'-6.5' Trenches
 2' wide 10' Center to Center