

W.P.I. 5/20/85

APPROVED  
10/4/85  
RH

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

P 35502

A 26162

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 5th

INDEXED

DATE 5/14/85

Barbara & Thomas Pakenham IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_  
ADDRESS 5030 Morning Star Drive, Clarksville, MD 21029 PHONE 937-7390  
SUBDIVISION Ten Oaks Farm ROAD 5030 Morningstar Dr. LOT 12  
PROPERTY OWNER Barbara & Thomas Pakenham  
ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO \_\_\_\_\_

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom with garbage grinder. Trench to be 2 feet wide. Inlet maximum depth 3 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 3 feet below original grade. 6 feet of stone below distribution pipe. LOCATION: Start the first trench 375 feet from the back lot line and 130 feet from the right lot line. Run trench along level ground toward left side of lot. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

147  
67880  
6  
28  
24  
40

PLANS APPROVED BY C. Williams DATE 1/2/85

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

PERMIT VOID AFTER THREE YEARS.

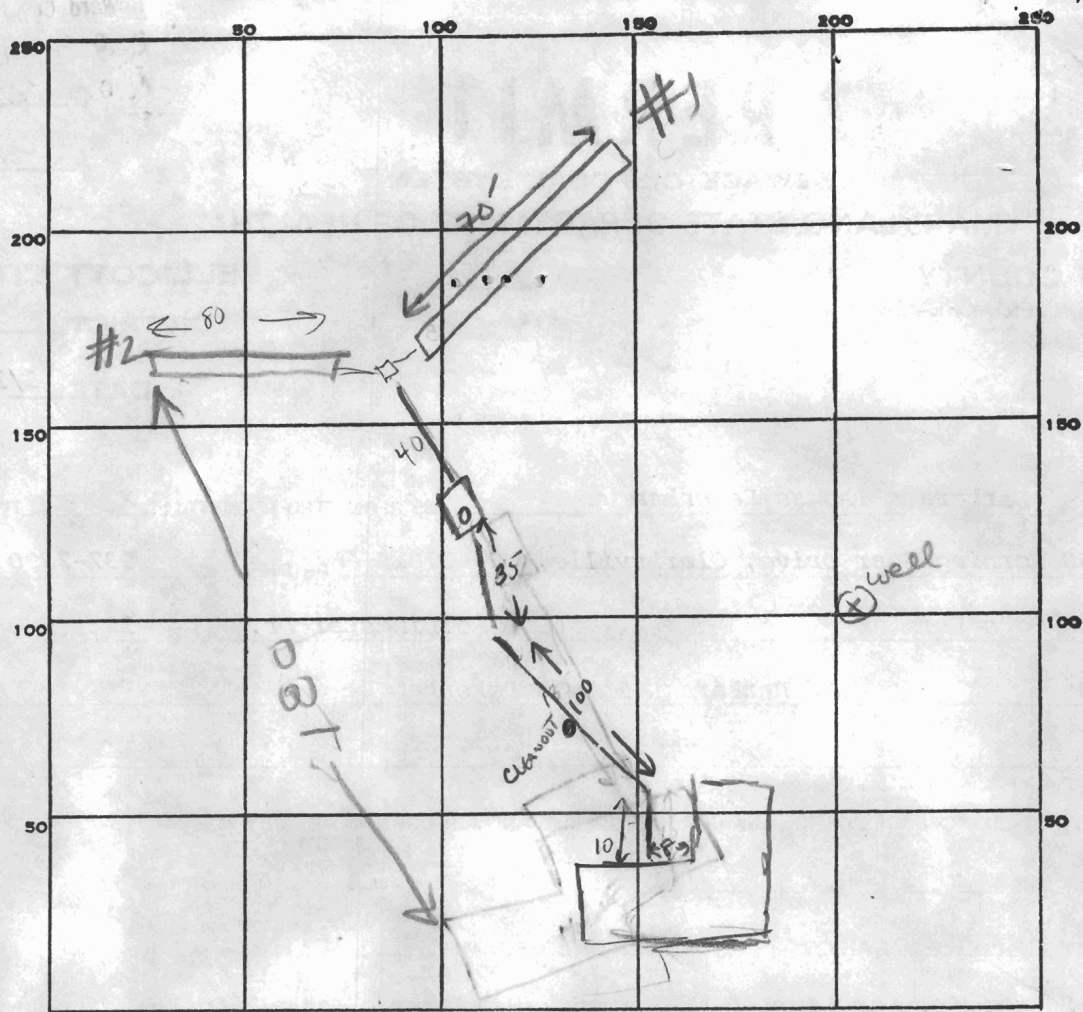
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

Added



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD AD 107410 MORNINGSTAR CT ST  
 SEPTIC TANK, LEVEL ✓ 2000 GAL CLEANOUTS ✓

DISTRIBUTION BOX, LEVEL \_\_\_\_\_

TILE FIELD, DEPTH 

5.5	10
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 FT. TRENCH WIDTH 

2.5	2.5
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 FT. # 2

GRAVEL DEPTH 6 IN. TOTAL LENGTH 80 FT.

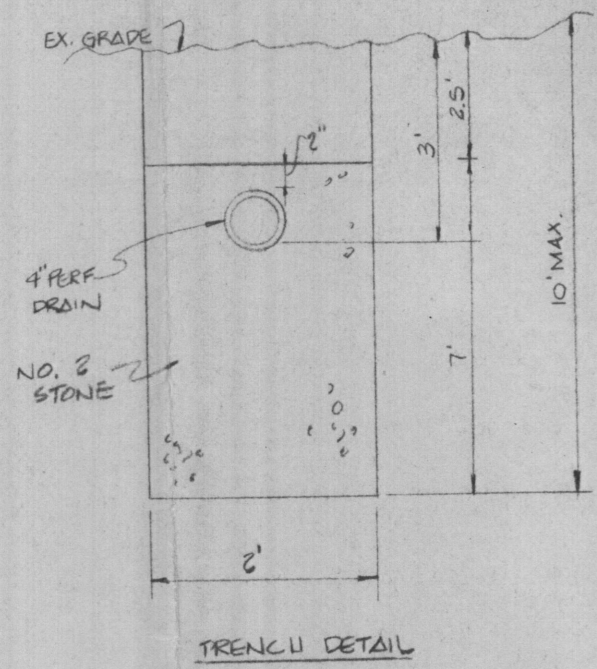
NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 900

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 900 SQ. FT.

REMARKS 5/20/85 - TRENCH #1 DUG & TANK SET PER SH  
5/21/85 - 1230PM TRENCH #2 DUG RH  
5/22/85 GRAVEL INSTALLED, OK TO COVER TRENCHES & DIST. BOX. CW  
5/24/85 SYSTEM COMPLETE EXCEPT ST. CLEANOUT. CW  
10/4/85 SEPTIC TANK CLEAN OUT INSTALLED  
OK TO COVER TANK

DATE SYSTEM APPROVED 10/4/85 INSPECTOR Raymond Hodges

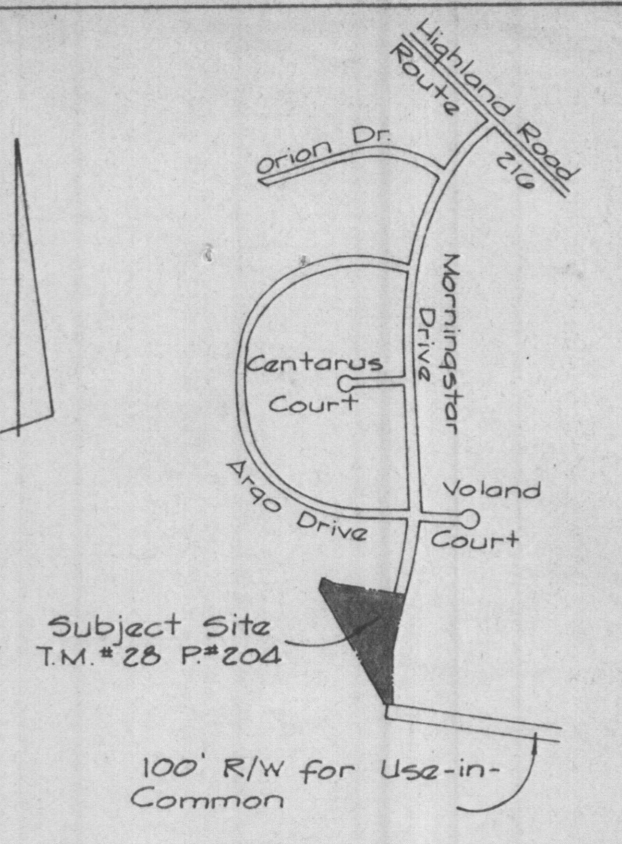


**SEPTIC SYSTEM DESIGN DATA**

1) INVERT @ WALL	36.01	97.50	97.5
2) PROPOSED 1250 GALLON SEPTIC TANK			
EX GRADE OVER TANK	104.00		96.80
FINISHED GRADE OVER TANK	102.00	98.15	96.55
INVERT IN	35.30		
INVERT OUT	36.00		
PROVIDE MANHOLE TO GRADE			
3) DISTRIBUTION BOX			
EX GRADE OVER BOX	34.60		95.0
FIN. GRADE OVER BOX	34.60		95.20
INV. IN	31.60		
4) TRENCH - 2' WIDE			
EX GRADE OVER TRENCH	34.60		95.0
FIN GRADE OVER TRENCH	34.60		95.10
INLET OF TRENCH	31.60		
BOTTOM TRENCH	34.60		
LENGTH	52'		

**BENCH MARK**  
TRAY. STA. W3-B ELEV. 100.00

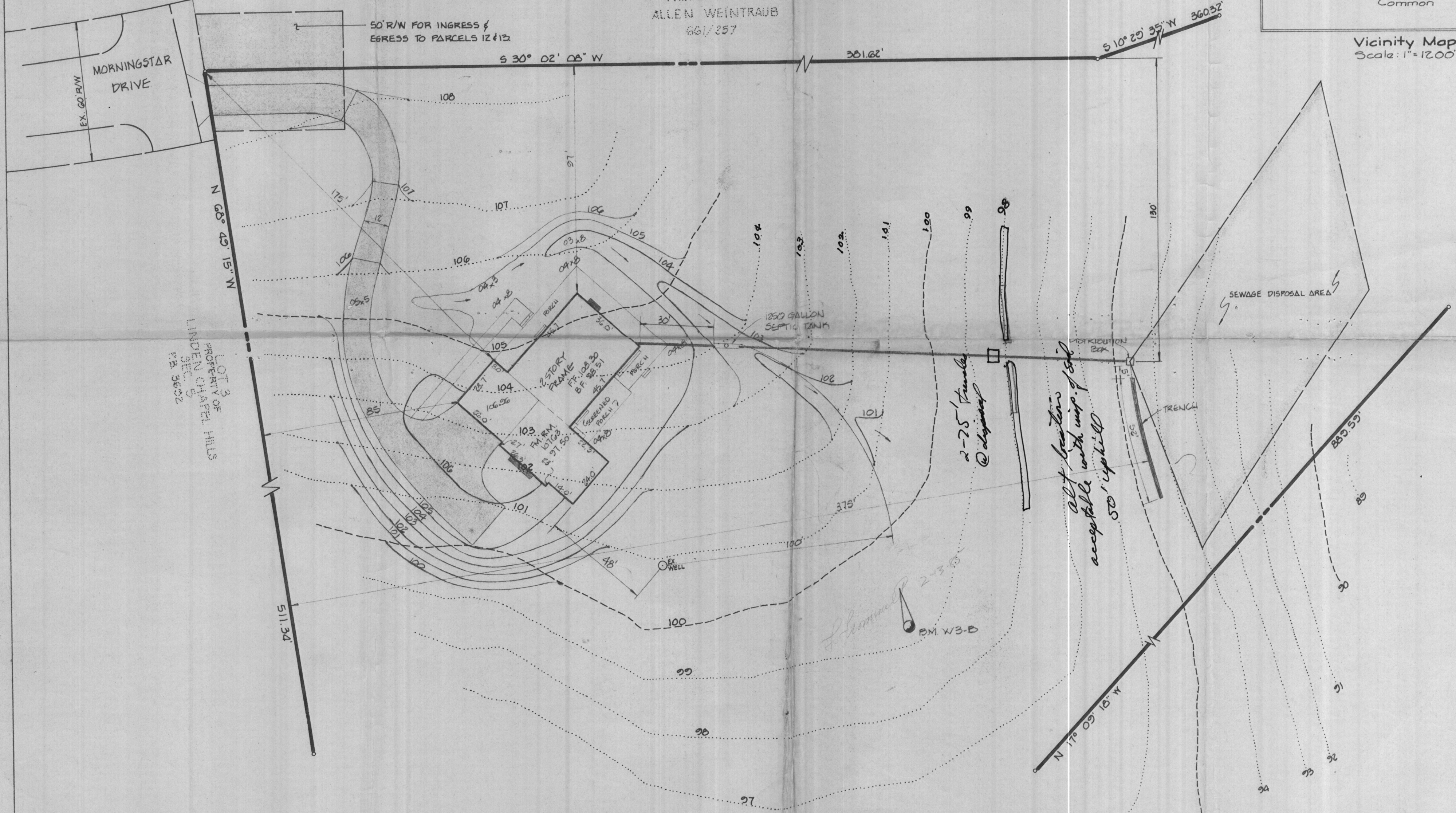
1" = 30'



**Vicinity Map**  
Scale: 1" = 1200'

PARCEL 13  
PROPERTY OF  
ALLEN WEINTRAUB  
661/257

50' R/W FOR INGRESS & EGRESS TO PARCELS 12 & 13



SEWAGE DISPOSAL AREA

*2-75' trenches @ 45-degree*  
*all best terrain acceptable with imp. of soil 50' uphill*

*Shimmer 2-13-85*  
BM W3-B

**FISHER, COLLINS AND CARTER, INC.**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043  
TELEPHONE (301) 461-2855

**OWNER AND DEVELOPER**  
TOM PAKENHAM  
1207 MARBLEWOOD AVE.  
CAPITOL HEIGHTS MD. 20743  
(301) 925-9129

**SITE PLAN**  
**PAKENHAM RESIDENCE**  
**WEINTRAUB SUBDIVISION, PARCEL 12**  
5th ELECTION DISTRICT  
SCALE: 1" = 30'  
HOWARD COUNTY, MD  
JANUARY 10, 1985