

3/19/85  
A.S.A.P.

3-19-85  
approved  
S. Abel

35044  
~~33948~~  
A 33948

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

05-369924

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

ELLICOTT CITY

DISTRICT 5th

DATE 2/21/85

INDEXED

Donald Parlette IS PERMITTED TO INSTALL  ALTER

ADDRESS 6575 Route 32, Clarksville, Maryland 21029 PHONE 286-2140

SUBDIVISION Grimmalts Chance ROAD 6949 Pindell School LOT 17

PROPERTY OWNER Morton Hoppenfeld

ADDRESS 5402 El Camino  
Columbia, Maryland 21044

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 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 trench at a point 110 feet from the sideline of the lot which is 799.29 feet long. running S01 192'8"W and 340 feet from the right of way which goes to Pindell School Road. Run the trench toward the 799.29 ft. long lot line

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. 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.

PLANS APPROVED BY Raymond Hodges DATE 6/21/84

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.

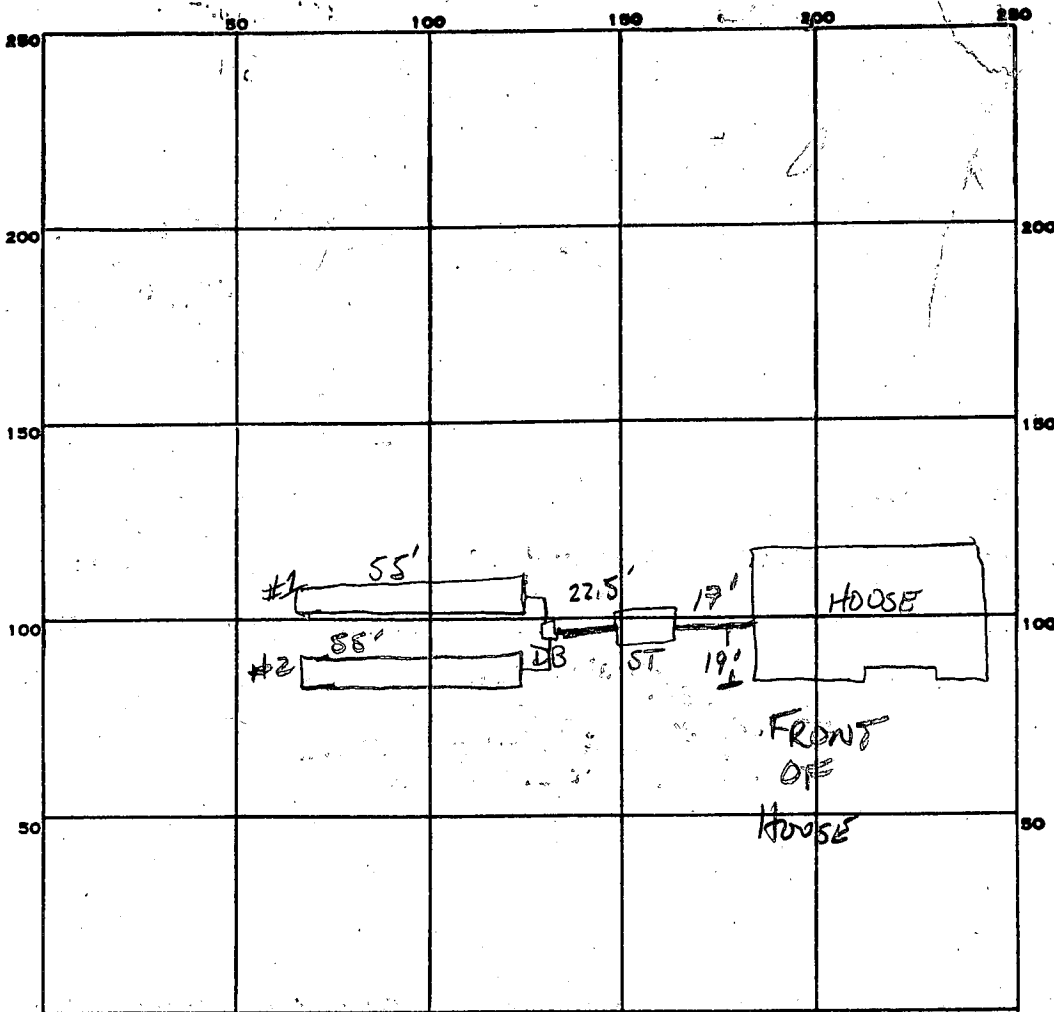
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

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

EH - 2-1082

A 33948



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 9 FT.

TRENCH WIDTH 2 FT.

INLET 3'

GRAVEL DEPTH 6 FT

TOTAL LENGTH

#1 55'

#2 55'

> 110'

NUMBER OF TRENCHES 2

TOTAL BOTTOM AREA

660  $\text{sq. ft.}$

SEEPAGE PITS, INSIDE DIAMETER — FT.

DEPTH BELOW INLET — FT.

ABSORBENT AREA 660

SQ. FT.

REMARKS

3-19-85 OK TO COVER TRENCH AS STONE IS ADDED DUE TO WALL COLLAPSE

PITLESS AT 4'

DATE SYSTEM APPROVED

3-19-85

INSPECTOR

SAUL

*Permit*  
*6/13/84*  
*9:30 AM*

# APPLICATION

SEWAGE DISPOSAL TESTING

A 33948

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th.

P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DATE 6/5/84

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 Morton Hoppenfeld  
ADDRESS 108 Valley Road 5402 El Camino  
Bethesda, MD 20816 PHONE 229-6493  
Columbia, Md. 21044 596-5766

PROPERTY LOCATION:  
SUBDIVISION GRIMMATT'S CHANCE LOT NO. 17  
also called TRICORE PROP  
ROAD AND DESCRIPTION # 6949 Pindell School Road  
also called HOPPENFELD PROP

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. DP# 60705  
(NUMBER OF BEDROOMS)

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. /s/ Ketterman  
(SIGNATURE OF APPLICANT)

APPROVED BY Raymond Rodgers FOR trench DATE 6/21/84

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

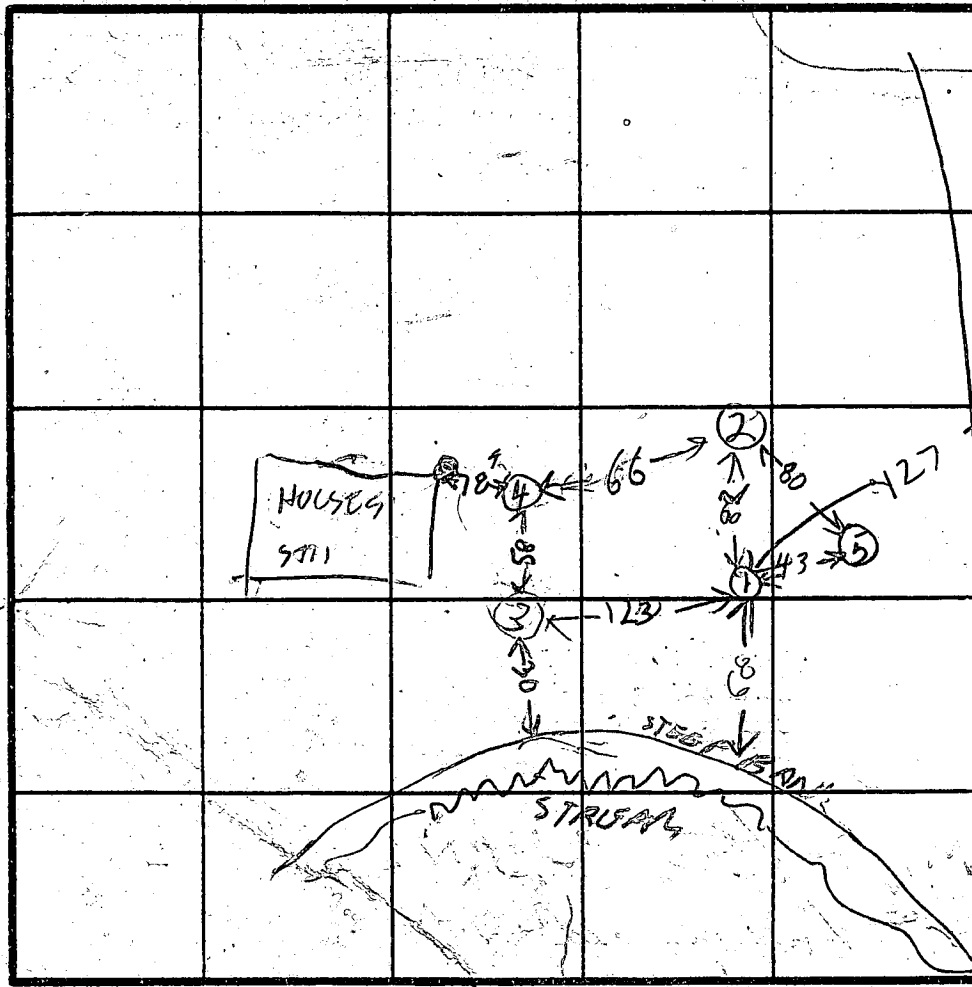
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 6/14/84 PERC OK HOLD FOR PLAT/R  
6/21/84 Plat OK 6/21/84 Per Plat  
OK per FF&RV

## THIS IS NOT A PERMIT

0-11 300

SEE PLAT ATTACHED



JENMS COURT ON NEXT LOT

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0  
3  
12  
BROWN CLAY  
BROWN SANDY SILT LOAM

(2)

0  
3  
13  
BROWN CLAY  
BROWN SANDY SILT LOAM

(3)

2  
12  
BROWN CLAY  
BROWN SANDY SILT LOAM

(4)

2  
12  
CLAY  
BROWN SAND

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/13/24	1S	3 1/2	1006	1015	1015	1027	12
	1V	12	LOOKS	OK			
	2S	4 1/2	1023	1036	1036	1043	6
	2V	13	LOOKS	OK			
	3S	4	1122	1126	1120	1030	10
	3V	12	LOOKS	OK			
	4S	12	1206	1207	1207	1210	3
	4V	12	LOOKS	OK			
6/13	5V	1 1/2	LOOKS	OK			

(5)

CLAY  
SAND & SMALL ROCKS

HOLE ELEV

(4) HIGHEST  
(1) LOWEST

(3) (5) (2) - MED LOAM

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY R H & A  
 OWNER BLAIR HOPPEN FELD  
O KETTERMAN  
 ALSO PRESENT \_\_\_\_\_

1L  
E-12-1078

Retest

# APPLICATION

A 33727

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 512

DATE 3/29/84

*See Gummets  
Chance New  
Tricore  
A33948*

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 MORTON & JEANNE W. HOPPENFELD

ADDRESS P.O. Box 1317, COLUMBIA, MD. 21044 PHONE (964-3600)

PROPERTY LOCATION:

SUBDIVISION SANNER & PINDELL SCHOOL ROADS LOT NO. 17

ROAD AND DESCRIPTION ON THE SOUTH EAST SIDE OF PINDELL SCHOOL RD., THE ENTRANCE TO  
THE PROP. BEING APPROX. 1000' SOUTH OF INTERSEC. OF PINDELL SCH. + SANNER RDS.

SIZE OF LOT 7.365 Ac. TYPE BLDG. 4

(NUMBER OF BEDROOMS)

NOTE: THIS LOT WAS PERC'D. IN 1975 UNDER NAME TRICORE CORP., A # 22472.

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. *FOR THE OWNER,*  
Joseph L. Moreau 461-2855  
(SIGNATURE OF APPLICANT)  
Joseph L. Moreau, Fisher, Collins + Carter, Inc.

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

SOIL PROFILE

0'


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS \_\_\_\_\_

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT \_\_\_\_\_

EH-12-1079

# APPLICATION

A 22472

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th  
DATE 11/10/75

11/17/75  
3:30 P.M.

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 TRICORE CORPORATION

ADDRESS \_\_\_\_\_ PHONE 730-3600  
J. MICHAEL COBURN

PROPERTY LOCATION:

SUBDIVISION SANNER & PINDELL SCHOOL RD. LOT NO. 17

ROAD AND DESCRIPTION APPROX 1/2 MILE SOUTH OF SANNER RD. & PINDELL SCHOOL RD. INTERSECTION

SIZE OF LOT 7.365 AC± TYPE BLDG. 4  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT J. Michael Coburn  
J. MICHAEL COBURN FOR TRICORE CORP

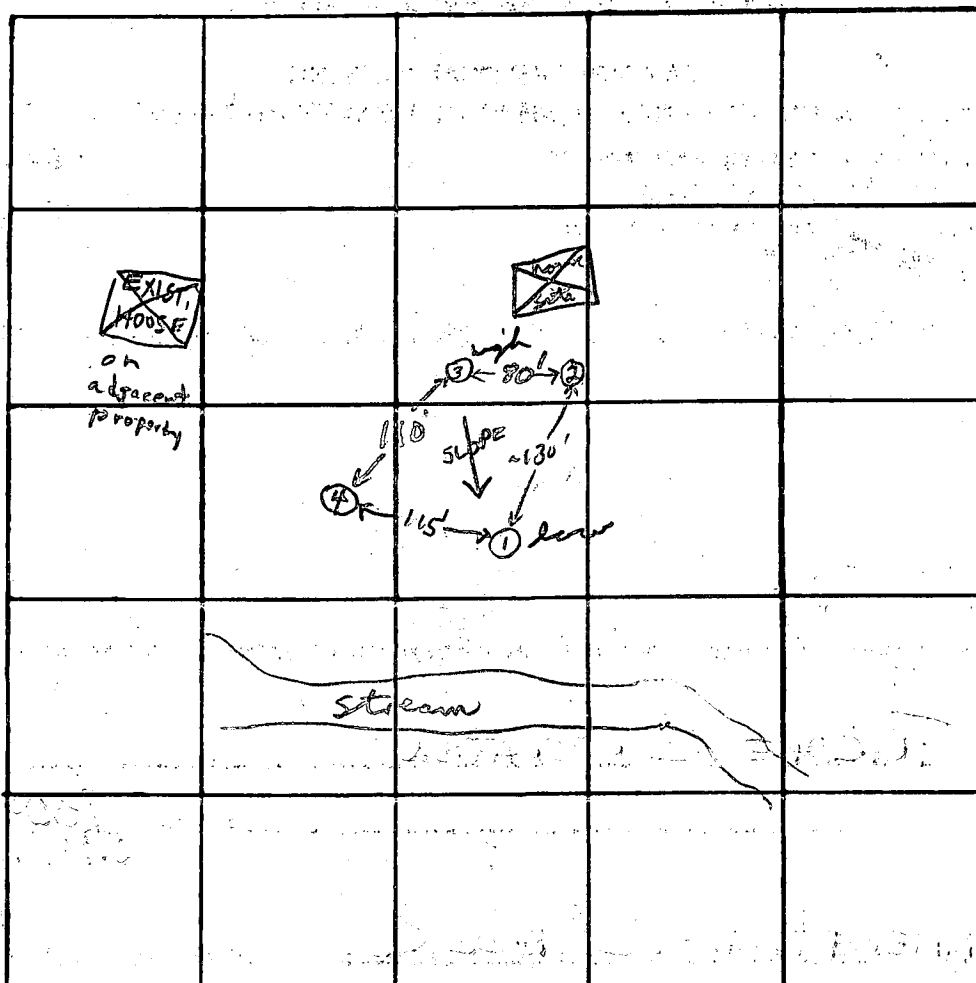
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 11/17/75 Certify hole location S.S.

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/17/75	1 low	13'	2:39	2:43	2:43	2:52	9 min	
	1A	4 1/2'	2:41	2:42	2:42	2:44	2 min	
	2	12'	Visual clay to 4' soil below					
	3 high	5'	2:59	3:01	3:01	3:04	3 min	
	3A	12'	2:59	3:03	3:03	3:10	7 min	
	4	5'	3:25	3:58	overtime			
	4A	12'	3:25	3:36	3:36	3:58	22 min	
✓	4B	5 1/2'	4:08	4:13	4:13	4:25	12 min	

REMARKS

Verify all perc hole locations.

TYPE OF SOIL

sandy loam below top 3-5' clayey soil

TESTED BY

F.S.

ALSO PRESENT:

C. Spengler, J. Coburn

Fill out in triplicate.  
Make \$30.00 check payable:  
Howard County Health Dept. - Sanitation

# APPLICATION

A 19739

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

4/4/74 m.  
9:30 A.

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DISTRICT 5th

DATE 3-27-74

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  Tricore Corporation

ADDRESS  1000 Century Plaza PHONE  301-730-0323  
Columbia, Maryland 21044

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO.  17

ROAD AND DESCRIPTION  directions South on Route #29 to Route #32, West to Pindell  
School Road, South approximately one (1) mile.

SIZE OF LOT  5.4 acres, more or less TYPE BLDG.  4  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT  [Signature]  
John M. King, President

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS WW2 & HJZ DATE 4/17/74

REASONS FOR REJECTION OR HOLDING certified test holes

# THIS IS NOT A PERMIT



# APPLICATION

A 19739

SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 5th

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 3-27-74

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 Tricore Corporation

ADDRESS 1000 Century Plaza PHONE 301-730-0323  
Columbia, Maryland 21044

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 17

ROAD AND DESCRIPTION South on Route #29 to Route #32, West to Pindell  
School Road, South approximately one (1) mile.

SIZE OF LOT 5.4 acres, more or less TYPE BLDG. 4  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT John M. King

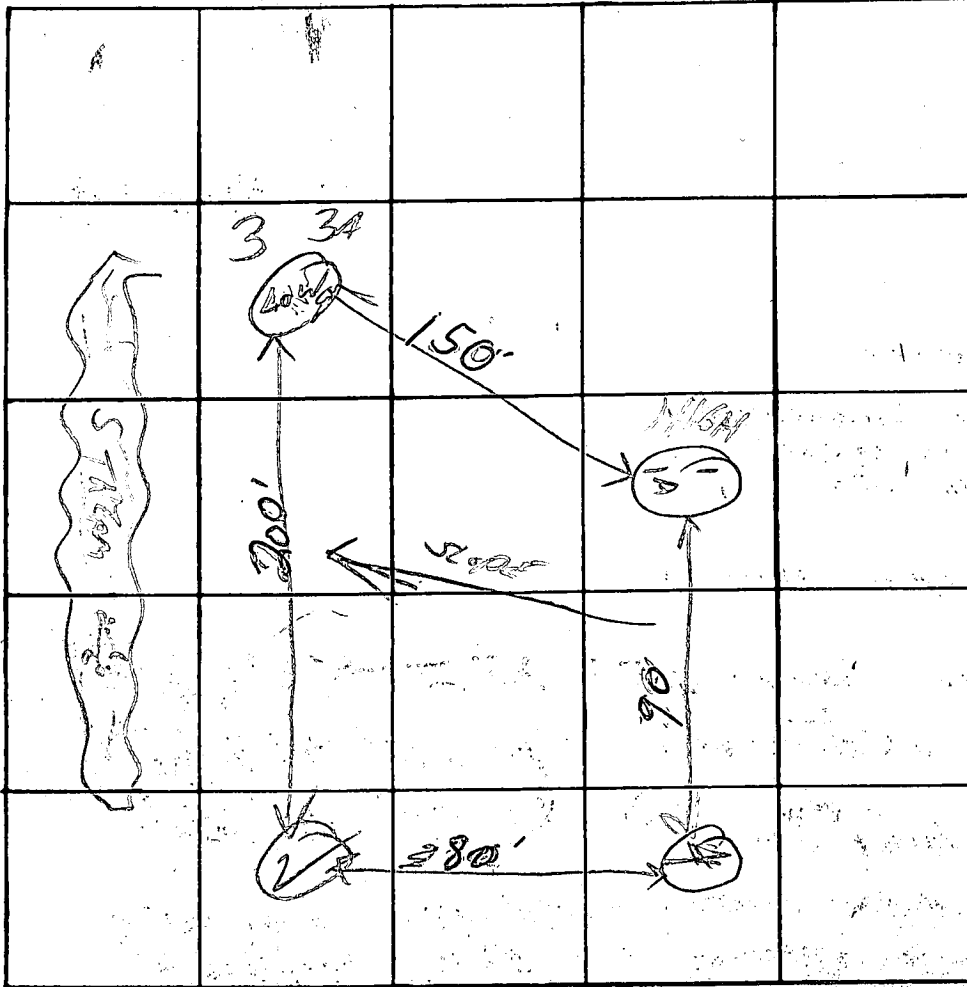
APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

## THIS IS NOT A PERMIT



These figures are approximations

Lot #17

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

UNNAMED DRIVEWAY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
	1	5'	1118	1132	1132	1144	12	
	1A	12'	1126	1129	1129	1131	2	
	2	11'	Snowy					
	3	2'	1056	1058	1058	1101	3	
	3A	11'	1105	1120	1120	1148	28	
4-16-74	4	12'	VERY	Snowy				

11/18/74

system  
very good  
in holes  
1-1/2  
or  
44

REMARKS Certified all test

TYPE OF SOIL \_\_\_\_\_

TESTED BY \_\_\_\_\_ ALSO PRESENT: \_\_\_\_\_

PINDELL SCHOOL ROAD

REDUCTION

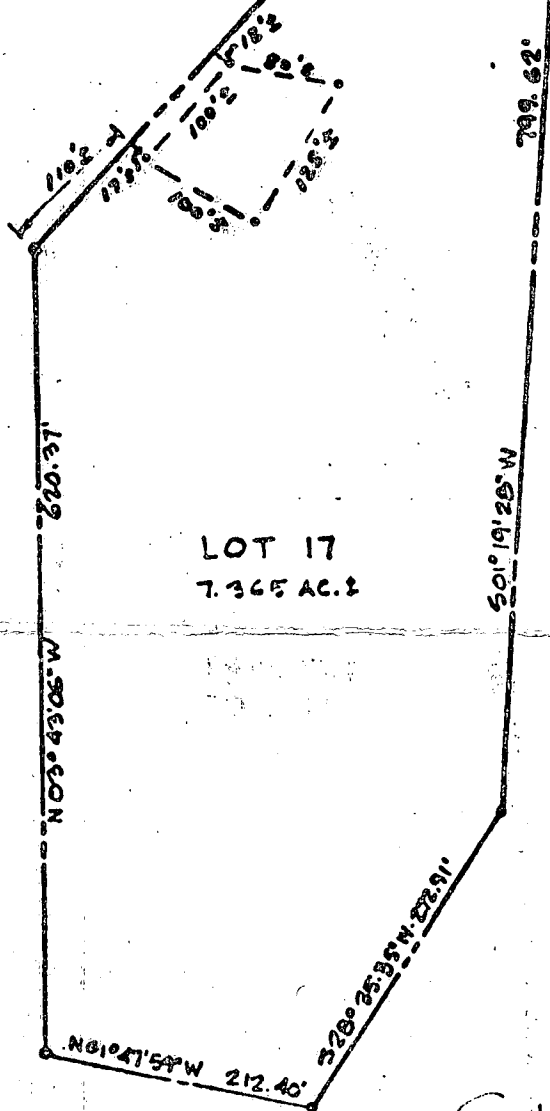
PROPERTY OF TRICORE CORP.  
 5th Election District  
 Howard County, Maryland  
 Scale: 1"=100'

NOTE:

The lot shown hereon complies with minimum ownership width and lot area as required by the Maryland State Department of Health regulations.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

*J. J. [Signature]* 11/21/75  
 County Health Officer



LOT 17  
 7.365 AC. ±

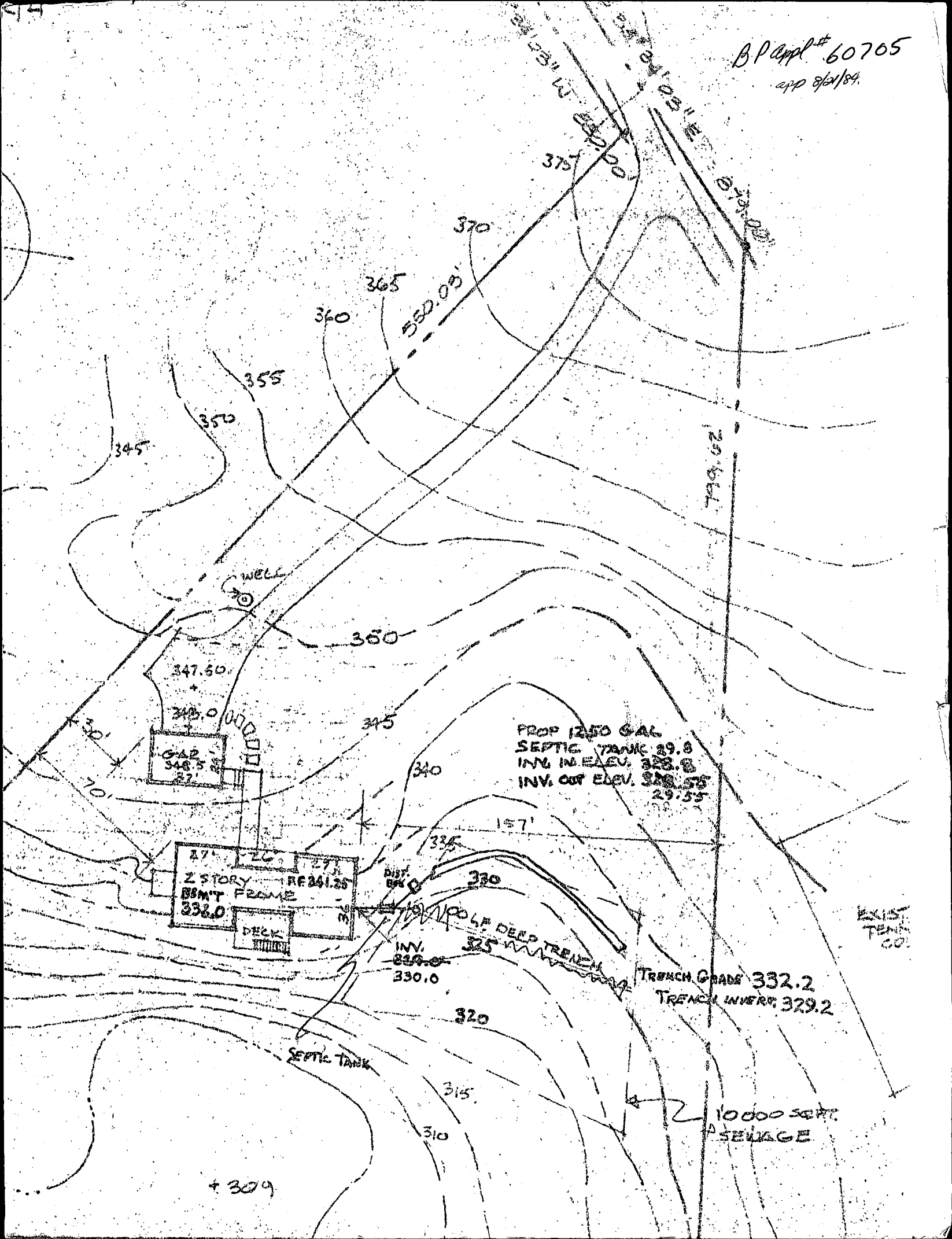
BOUNDARY BY OTHERS  
 TEST/PIKE PITS INDICATED  
 ON THIS PLAT ARE IN THE  
 GENERAL VICINITY AS  
 SHOWN PER FIELD INSPEC-  
 TION ON 11/8/75.

*[Signature]*

REV. PIT LOCATIONS 11/18/75

Exhibit "A"

B.P. Appl # 60705  
app 8/21/84



PROP 1250 GAL  
SEPTIC TANK 29.8  
INV. IN. ELEV. 328.8  
INV. OUT. ELEV. 329.55

27' 27'  
2 STORY BSMT FRAME  
332.0  
DECK

INV.  
329.0  
330.0

TRENCH GRADE 332.2  
TRENCH INVERT 329.2

10000 GALLON  
SEPTIC TANK

+ 309

B 1 **1429** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

**40-81-0631**  
 fill in this form completely

Date Received **8/8/84** - *gross whenever*  
 OWNER INFORMATION  
**060224**  
**HOPPERFELD MORTON**  
 15 Last Name Owner First Name 34  
**108 VALLEY RD**  
 36 Street or RFD 55  
**BETHESDA** **MD20816**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
**HOWARD**  
 8 COUNTY 21  
**BRIARMAETS LAST CHANCE**  
 23 SUBDIVISION 42  
 SECTION **---** LOT **---**  
 44 46 48 50  
**SIMPSONVILLE**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **2** **M I**  
 73 76 77 78

DRILLER INFORMATION  
**Ralph Mayne** **273**  
 Driller's Name 77 License No. 80  
**Ralph Mayne (well drilling)**  
 Firm Name  
**9120 Brown Church Rd. Mt. Airy**  
 Address  
**Ralph Mayne** **6/25/84**  
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
**PINDLELL SCHOOL Rd.**  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH N  
 WEST W 32 EAST E  
 SOUTH S  
**1900**  
 34 **8700** 37  
 DISTANCE FROM ROAD  
 ENTER FT or MI **87**  
 38 39

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**  
 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** **A33727**  
 COUNTY NAME COUNTY NO.  
 OEP SIGNATURE STATE HEALTH INSERT S  
 DATE ISSUED **07/28/84** **Craig Williams** **1/12/85**  
 43 48 CO SIGNATURE 41 EXP. DATE  
 NORTH GRID **789000** EAST GRID **0827000**  
 50 55 57 63

APPROXIMATE DEPTH OF WELL **150** FEET  
 24 28

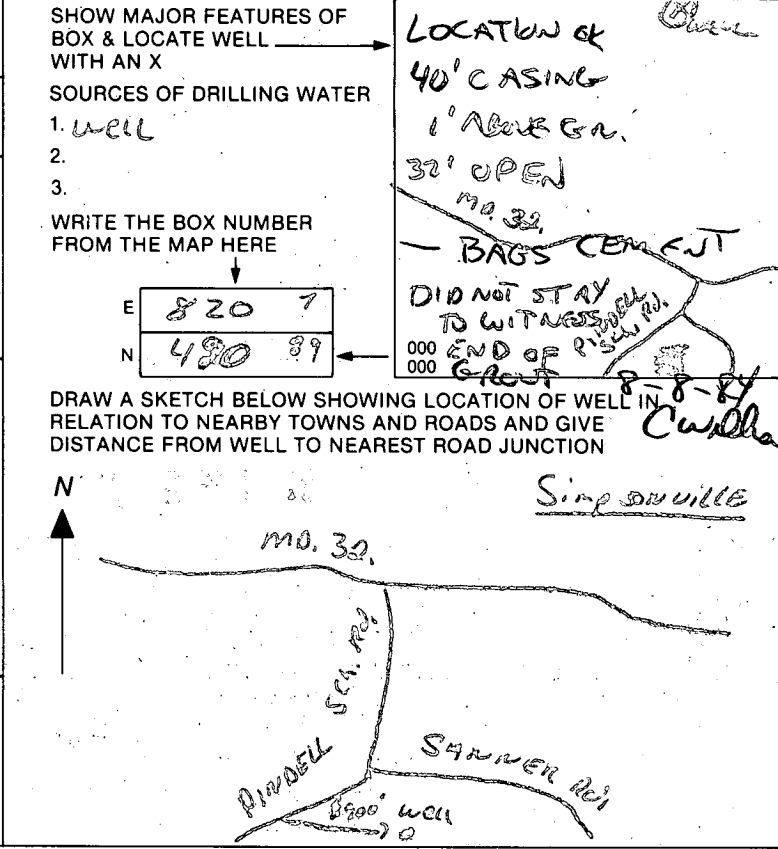
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 other \_\_\_\_\_

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEEN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE **20** WRITE INITIALS IN BOX PERMIT No. **40-81-0631**  
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS





C1 3311

SEQUENCE NO. (OEP USE ONLY)

STATE MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 33727

DATE RECEIVED

DATE WELL COMPLETED 080884

DEPTH OF WELL 22165 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-81-0631

OWNER HOPPENFELD last name PINDELL SCHOOL RD first name MORTON TOWN SIMPSONVILLE SUBDIVISION GRIMMETS LAST CHANCE SECTION LOT 17

WELL LOG table with columns: DESCRIPTION, FEET FROM, FEET TO, Check if water bearing. Includes entries for top soil, sandy, sand stone, mica, sand stone, mica.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 70, NO. OF POUNDS 1000.

CASING RECORD: casing types PL (STEEL), CO (CONCRETE), MAIN CASING TYPE PL, Nominal diameter 6, Total depth of main casing 90.

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type HO (OPEN HOLE), SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN 56-60.

DEPTH (nearest ft.) table with columns for casing and screen depths.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 223, DRILLERS SIGNATURE Ralph Wayne

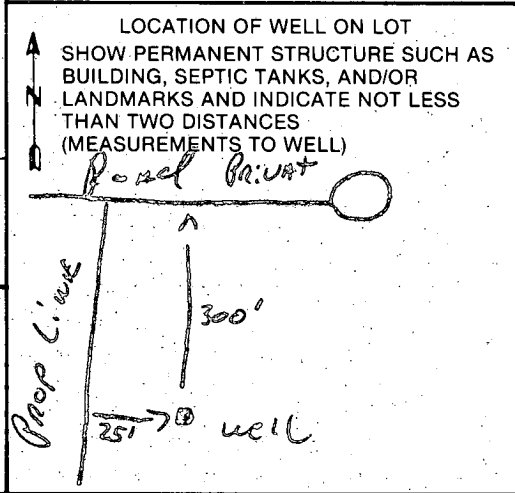
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

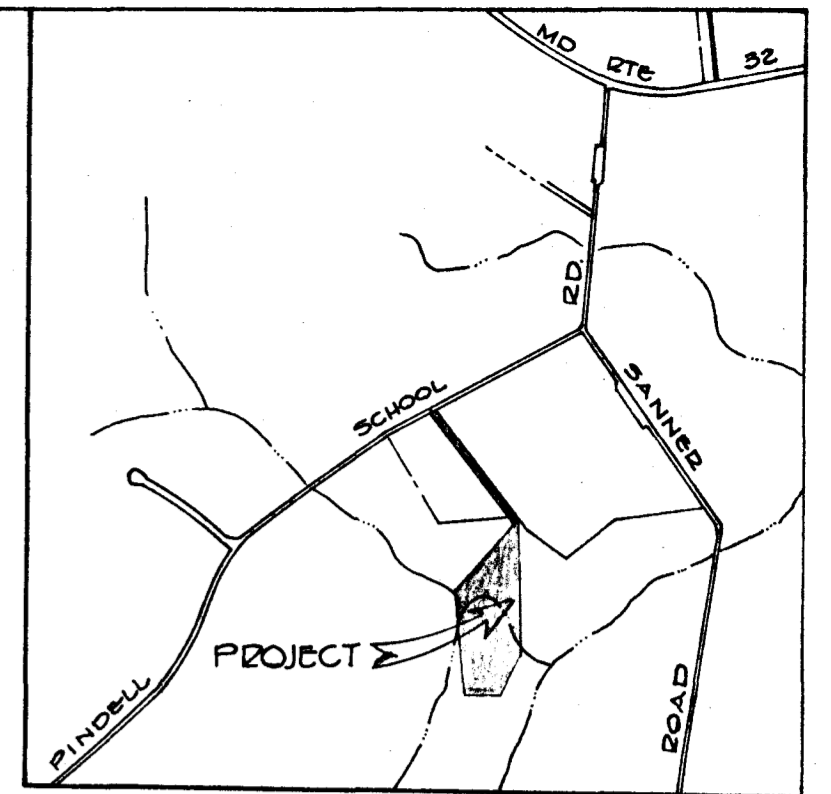
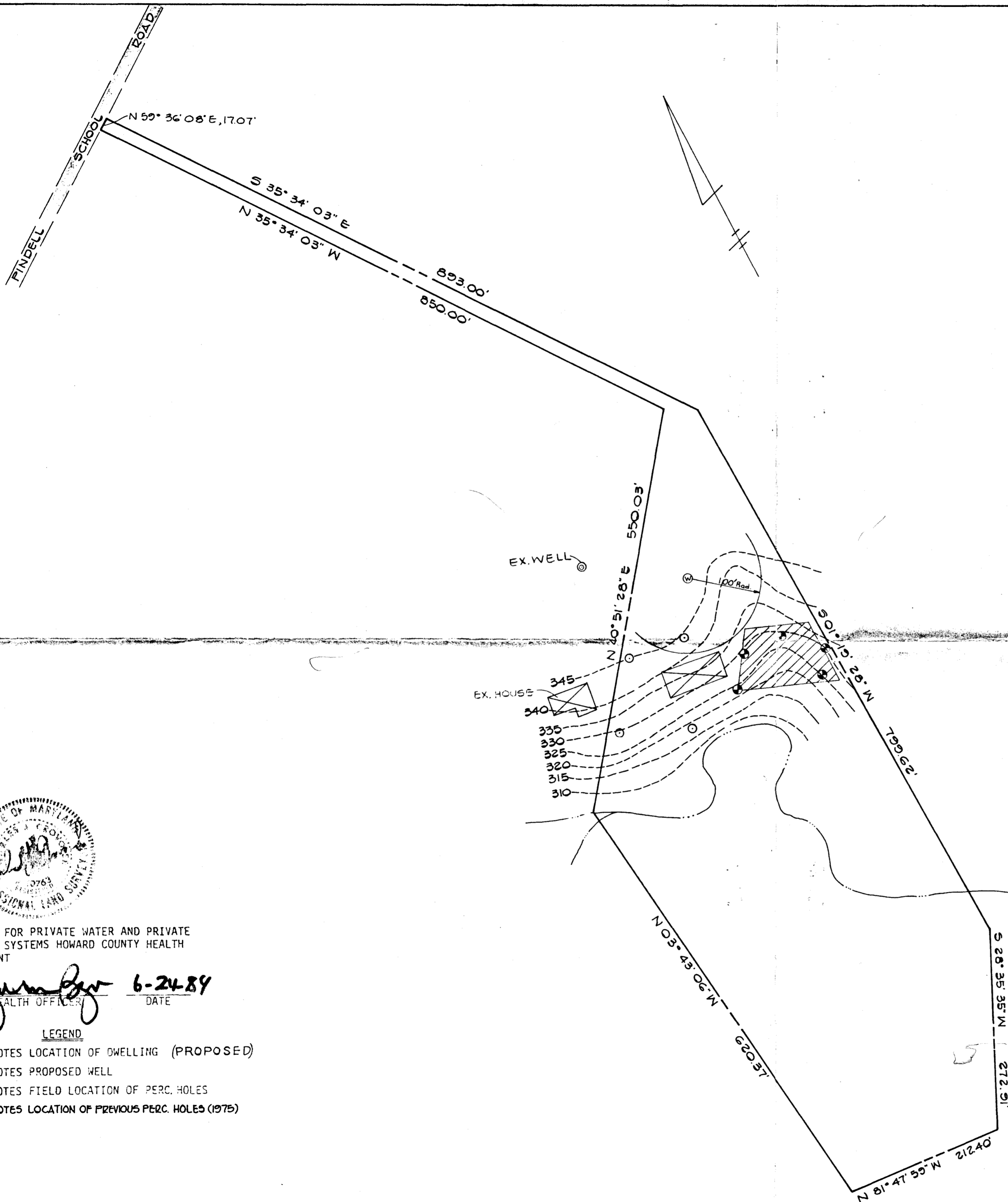
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), WQ (74-76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 5, PUMPING RATE 7, METHOD USED TO MEASURE PUMPING RATE bucket, WATER LEVEL BEFORE PUMPING 37, WHEN PUMPING 41, TYPE OF PUMP USED S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.







VICINITY MAP  
SCALE: 1"=1200'

NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. 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.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
3. SUBJECT PROPERTY ZONED "R" PER 10/3/77 COMPREHENSIVE ZONING PLAN.
4. PERCOLATION AREAS AND WATER WELLS FOR ADJOINING LOTS WILL BE SHOWN WHERE PERTINENT.



APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

*James J. Fisher*  
COUNTY HEALTH OFFICER      DATE 6-24-84

LEGEND

- ☒ DENOTES LOCATION OF DWELLING (PROPOSED)
- ⊕ DENOTES PROPOSED WELL
- DENOTES FIELD LOCATION OF PERC. HOLES
- DENOTES LOCATION OF PREVIOUS PERC. HOLES (1975)

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

ELEV.

6949 PINDELL SCHOOL RD  
FULTON MD 20759

CERTIFICATION FOR  
PERCOLATION TESTS  
Property of

MORTON HOPPENFELD  
5<sup>TH</sup> ELECTION DISTRICT      HOWARD COUNTY, MARYLAND  
TAX MAP #41      PARCEL 303  
SCALE: 1"=100'      JUNE 21, 1984

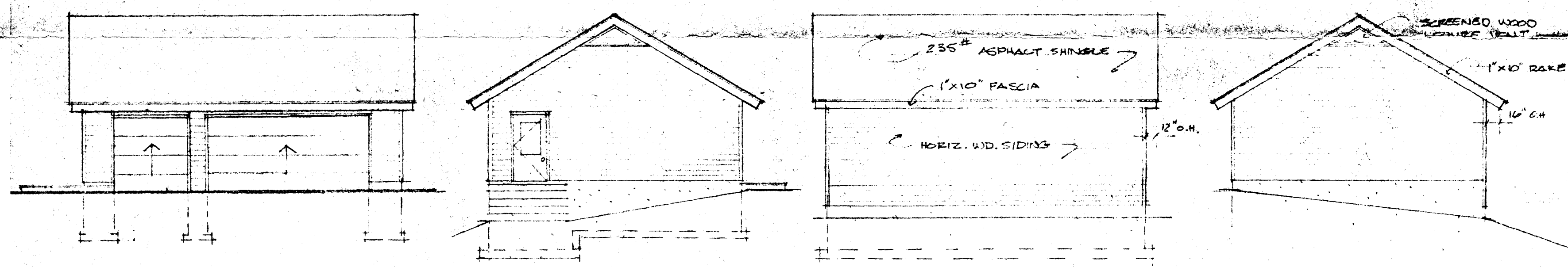
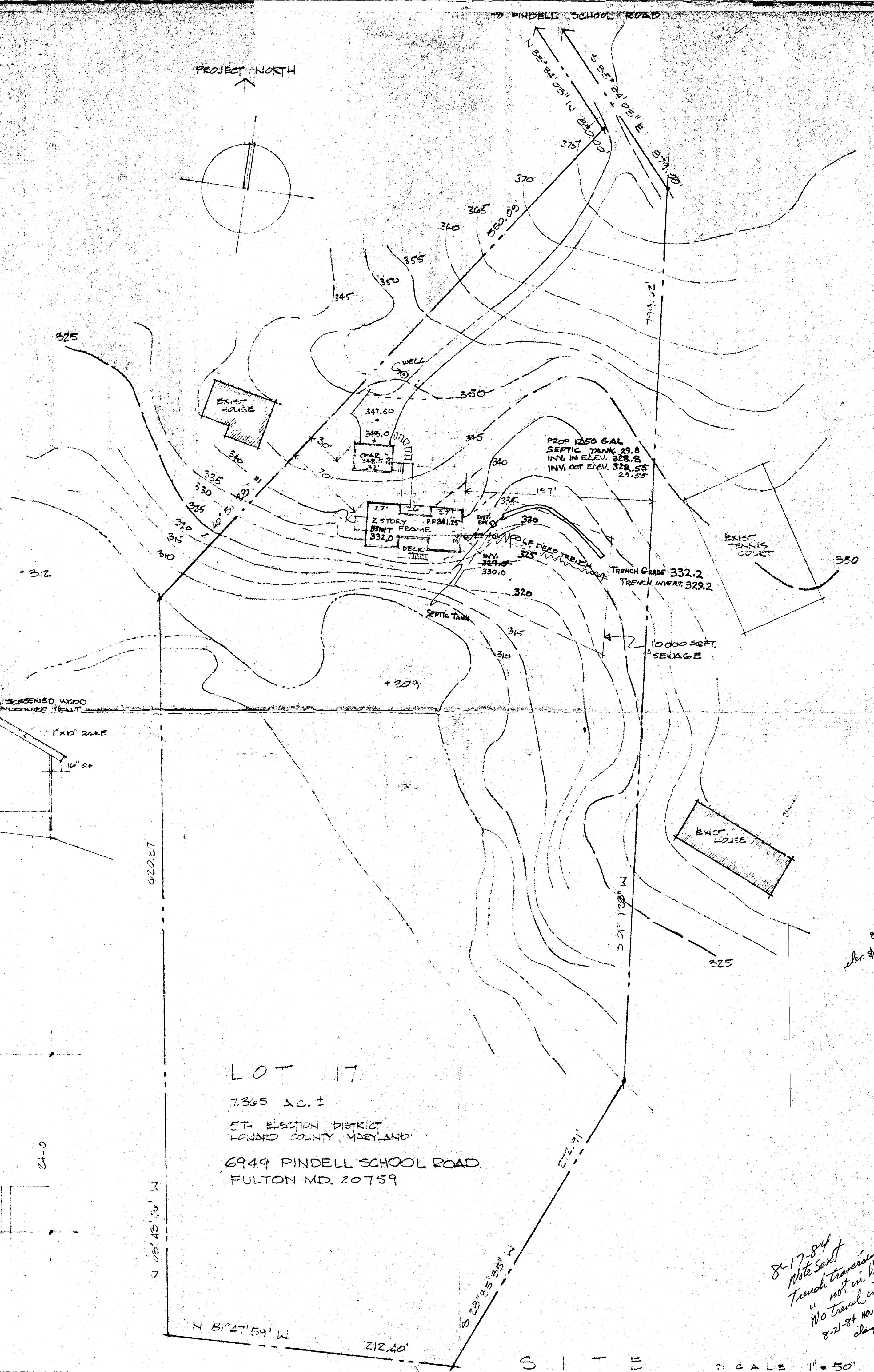
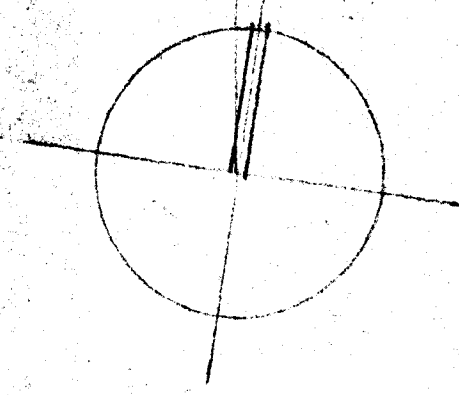
STRUCTURAL NOTES

1. Foundation:
  - A. No soil test borings were made. 2500 psf soil bearing capacity assumed.
  - B. Footings to bear on undisturbed soil and where subject to frost heave shall bear a minimum of 2'-6" below finished grade and a minimum of 1'-0" below original grade.
  - C. Backfill shall not be placed until mortar fully cured and floor decks laid.
  - D. Step footings maximum 2'-0" vertically and minimum 4'-0" horizontally.
  - E. Pour or place concrete and mortar under industry accepted conditions.
2. Concrete:
  - A. Concrete shall be proportioned to develop a minimum compressive strength of 3000 psi in 28 days.
  - B. Slabs to be 4" concrete reinforced with 6"x6" #10/10 welded wire mesh (wmm). Laps shall be a minimum of 6". Slabs shall rest on 6 mil poly vapor barrier on 4" crushed stone on undisturbed or properly compacted soil.
3. Masonry:
  - A. All mortar in foundation walls shall be type S as per BOCA basic building code section 816 and shall develop a minimum compressive strength of 1800 psi in 28 days.
  - B. 8" thick walls to have a maximum retainage of 4'-0". 12" thick walls unreinforced to have a maximum retainage of 7'-0" or 8'-0" retainage when reinforced with #4 bar vertically @ 2'-0" o.c. and Dur-o-wall horizontal reinforcing every other course. Bar laps shall be a minimum of 24". Fill cells solid with either type S mortar or pea gravel concrete.
4. Structural Steel:
  - A. Structural steel shall be ASTM A-36.
  - B. Structural steel shall be fabricated and erected in accordance with latest AISC specifications.
5. Structural Wood:
  - A. All structural wood shall bear the grade mark of the grading rules agency having jurisdiction.
  - B. All framing lumber shall be ~~EM-FIR~~ #2 or better,  $F_b = 1150$  psi for repetitive member use,  $E = 1,400,000$  psi.
  - C. Design load: ~~lower level - 50 psf (40 psf L.L. + 10 psf D.L.)~~  
 Upper level - 50 psf (40 psf L.L. + 10 psf D.L.)  
 Ext. decks - 70 psf (40 psf L.L. + 10 psf D.L.)  
 Roof - 35 psf (20 psf L.L. + 15 psf D.L.)
  - D. All framing members shall have suitable bearing or be supported by metal framing devices capable of developing the full strength of the member. Block all posts solid through floor framing.
  - E. BOCA basic building code appendix M, recommended nailing schedule, shall be followed for all wood nailing.
  - F. Wood trusses shall be certified by manufacturer to have capacity to support live and dead loads specified by applicable codes.
  - G. All plywood shall be graded as per APA standards and shall be as follows:
    1. Roof sheathing - 5/8" CDX, UNLESS APPLICABLE
    2. ~~Roof~~ wall sheathing and wind bracing - 5/8" CDX
    3. Sub-flooring - 5/8" T&G CDX when on framing centers of 16" or less, or 3/4" T&G CDX when on framing centers greater than 16".
  - H. Sill plates shall be pressure treated lumber, minimum .40 lbs per cu. ft. CCA.
  - I. All stud bearing walls shall have a minimum of one row of horizontal blocking placed at the mid-height of the wall, OR AT LEAST EVERY 4'-0" O.C.
  - J. Structural headers shall be 2-2x10 unless noted otherwise.

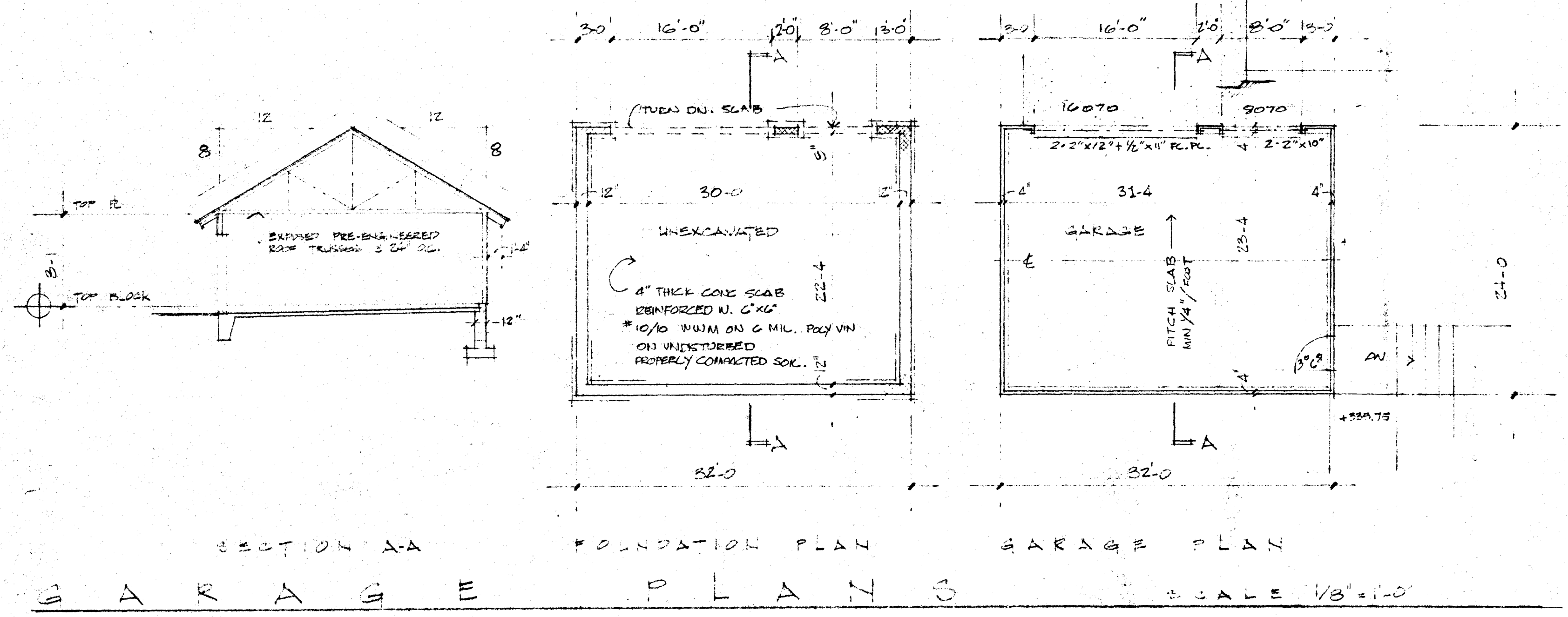
GENERAL NOTES

1. Contractor shall verify all existing site and building conditions in affected areas.
2. Codes shall govern over drawings.
3. Dimensions shall govern over scale.
4. Verify all mechanical, plumbing, and electrical requirements before framing.
5. ~~Pipe rolling shop drawings shall be reviewed by architect prior to fabrication.~~
6. ~~Consult architect specifications for more information regarding site work, masonry, carpentry, finishes, etc.~~
7. No soil test borings were made. 2500 psf soil bearing capacity assumed.
8. All framing lumber shall be ~~EM-FIR~~ #2 or better, EXCEPT AS NOTED
9. All deck framing and material to be pressure treated yellow pine treated with copper chlorate arsenic (CCA) as follows:
  - A. Above ground use min. .25 pounds per cubic foot retention.
  - B. Ground contact service min. .60 pounds per cubic foot retention.
10. All sill plates in contact with concrete slabs or masonry to be treated min. .40 lbs/cf. All sill plates to have a sill sealer applied between the masonry and the wood plate.
11. Soil to be chemically poisoned against termites.
12. Verify final kitchen shop drawings before mechanical and electrical rough-ins.

PROJECT NORTH



NORTH EAST SOUTH WEST



architects  
robert kaplan & associates  
5829 banner road, suite 103 columbia, maryland 21044  
301-596-5221 (washington) 301-992-5221 (baltimore)

Date: \_\_\_\_\_  
revised: \_\_\_\_\_  
drawn by: \_\_\_\_\_

hoppensfeld  
residence

NO.	DATE	REVISIONS