

11/5/97  
C.O. 2:30pm  
10/6/97 11 & Later  
11/14/97 WPE Anytime  
Check House Conn too

# PERMIT

02-339692

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59201

A 38517

DISTRICT 2nd

DATE 10/31/97

DATE SYSTEM APPROVED 11/14/97

INSPECTOR ll

**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

~~XXXXXXXX~~ 410-313-2640

## INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

ADDRESS 4410 Salem Bottom Road Westminster, Maryland 21157 PHONE (410) 875-4197

SUBDIVISION Burleigh Manor LOT 682 ROAD 10388 Kingsbridge Road

PROPERTY OWNER Ashwin & Kalpana Nawavati

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - As seen when facing the lot from Kingsbridge Road and starting from the right front lot corner, start first trench 160 feet down the right lot line and 155 feet off this same lot line. Run trenches on contour toward left side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 11/6/97

PLANS APPROVED BY Mark Rifkin/Kim Maiste DATE 06/20/97

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

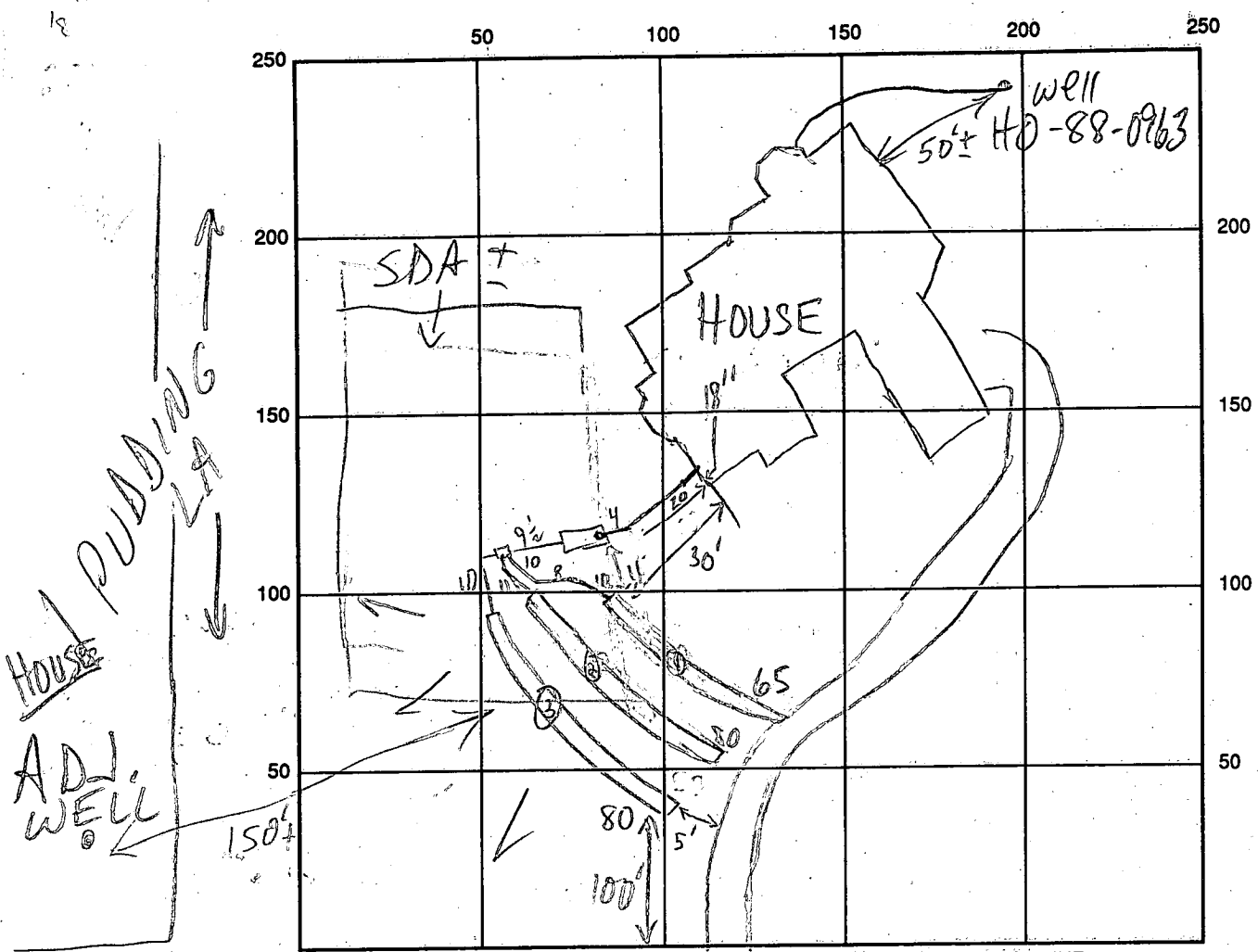
PERMIT VOID AFTER TWO YEARS

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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A 38517



KINGSBRIDGE RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL-OK CLEANOUTS S.O.T.-OK  
 DISTRIBUTION BOX LEVEL OK-BAFFLE IN  
 DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.  
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 065 ② 80 ③ 80 FT.  
 NUMBER OF TRENCHES 3 ONE-SIDEWALL/BOTTOM AREA 0195 ② 240 ③ 240 SQ. FT. = 675  
 DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.  
 ABSORBENT AREA 675 SQ. FT. (6% LESS THAN SPECS.-ACCEPTED)

REMARKS: 11/6/97 #1 TRENCHES ~40-50' OUT OF EASEMENT AS PER PLAN; SOLUS  
OK-CONTINUE  
11/6/97 #2 OK TO FINISH LAST TRENCH & COVER; HOLD FOR  
HOUSE CONN (MR)  
11/14/97 WPI-NEEDS GROUND LIKE BOLTED THRU CASING, OK TO COLLECT CLAR. SW  
11/14 HOUSE CONNECTION OK FERVO 2' FROM HOUSE WALL. SH.

DATE SYSTEM APPROVED 11/14/97 INSPECTOR [Signature]

C1 1088

SEQUENCE NO. (DENV USE ONLY)

STATE OF 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 AEL CARDS)

COUNTY NUMBER A38517

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

Grid for date well completed

Grid for depth of well

Grid for permit number

OWNER: Creighton Assoc last name Kingsbridge first name TOWN: Elizabethtown SUBDIVISION: BURLINGHAM MANOR SECTION: LOT: 682

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND Stone, Gray Micaceous Rock.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 9 NO. OF POUNDS 737 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 1 ft. to 31 ft.

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 34

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

Table for screen depth and diameter. DEPTH (nearest ft.) grid: 1-305, 2-305, 3-305. SLOT SIZE 1-2-3. DIAMETER OF SCREEN (NEAREST INCH) grid: 56-60

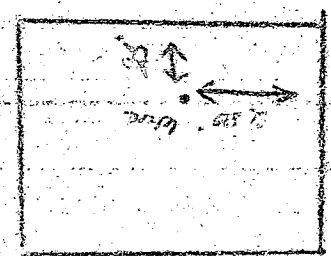
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q (74, 75, 76) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER-LEVEL (distance from land surface) BEFORE PUMPING 24 WHEN PUMPING 16 TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC-TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 222 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

COUNTY



B 1 5649 SEQUENCE NO. (DP USE ONLY)  
1 2 3 4 5 6  
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

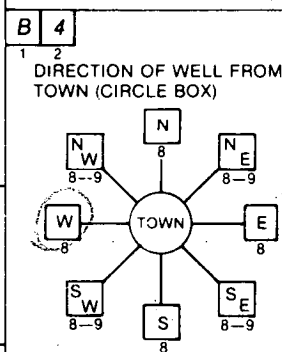
STATE OF MARYLAND PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
40-88-0963  
70 fill in this form completely 79

Date Received (APA) 052389  
OWNER INFORMATION  
GREENBAUM ROSS ASS  
1777 Reisterstown Rd.  
BALTIMORE MD 21208

B 3 LOCATION OF WELL  
HOWARD COUNTY  
RIVERVIEW MANOR  
SECTION 2 LOT 682  
ELLICOTT CITY  
MILES FROM TOWN 3 1/2 MI

DRILLER INFORMATION  
Joseph L. Mayne  
Firm Name: Joseph L. Mayne Well Drilling  
Address: 5512 Pike Rd. Mt. Airy 21771  
Signature: Joseph L. Mayne Date: 5/2/89



B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
NEAR WHAT ROAD: Kingsbridge Rd.  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
DISTANCE FROM ROAD: 280 FT  
ENTER FT or MI: FT

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.): 5  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

- 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 COUNTY NAME  
A38517 COUNTY NO.  
STATE SIGNATURE: Mark E. Kellin DATE ISSUED: 2/3/89  
NORTH GRID: 520000 EAST GRID: 0834000

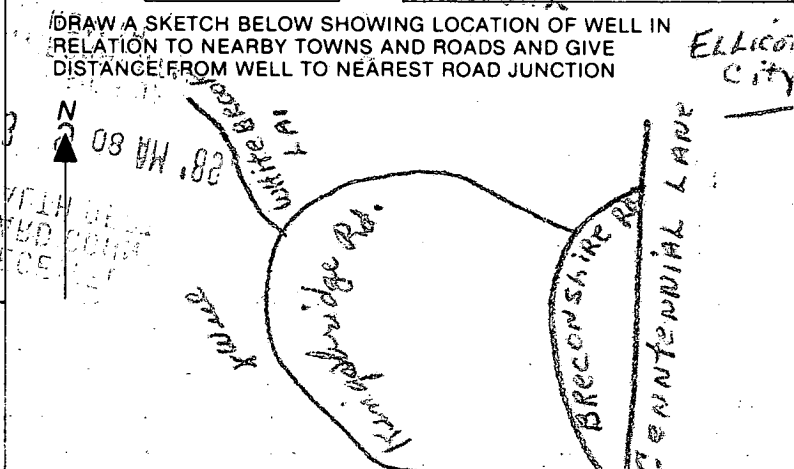
APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL C INCH

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)  
CABLE REVERSE-ROTary Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. WELL  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
8304  
520  
000 wellx

REPLACEMENT OR DEEPEMED 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 DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER GAP  
FORCE MR PERMIT NO. 40-88-0963

SPECIAL CONDITIONS

# APPLICATION

PERCOLATION TESTING

A 38517

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 1-28-87

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 Ashwin & Kalpana Nawawati  
Gerald M. Katz, Trustee c/o Whitman, Requardt and Associates

ADDRESS 2315 Saint Paul Street, Baltimore, MD 21218 PHONE (301) 235-3450

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

lot 682 on Prelim

SUBDIVISION Burleigh Manor Section 2 LOT NO. 2

(10588 Kingsbridge Road)

ROAD AND DESCRIPTION West of the intersection of Centennial Lane and Old Annapolis Road

TAX MAP 23, 24 PARCEL # 290

SIZE OF LOT 3 Ac.

**SEWER PERMIT SIGNED**  
**AND RETURNED 6-21-87**  
Smith Bros 6315-4800

TYPE BLDG Single Family Dwelling  
(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.

*[Handwritten Signature]*

(SIGNATURE OF APPLICANT)

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

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

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

REASONS FOR REJECTION OR HOLDING 3-24-87 Perc. satisfact. hold for subdivision plat. S. Ash

# THIS IS NOT A PERMIT

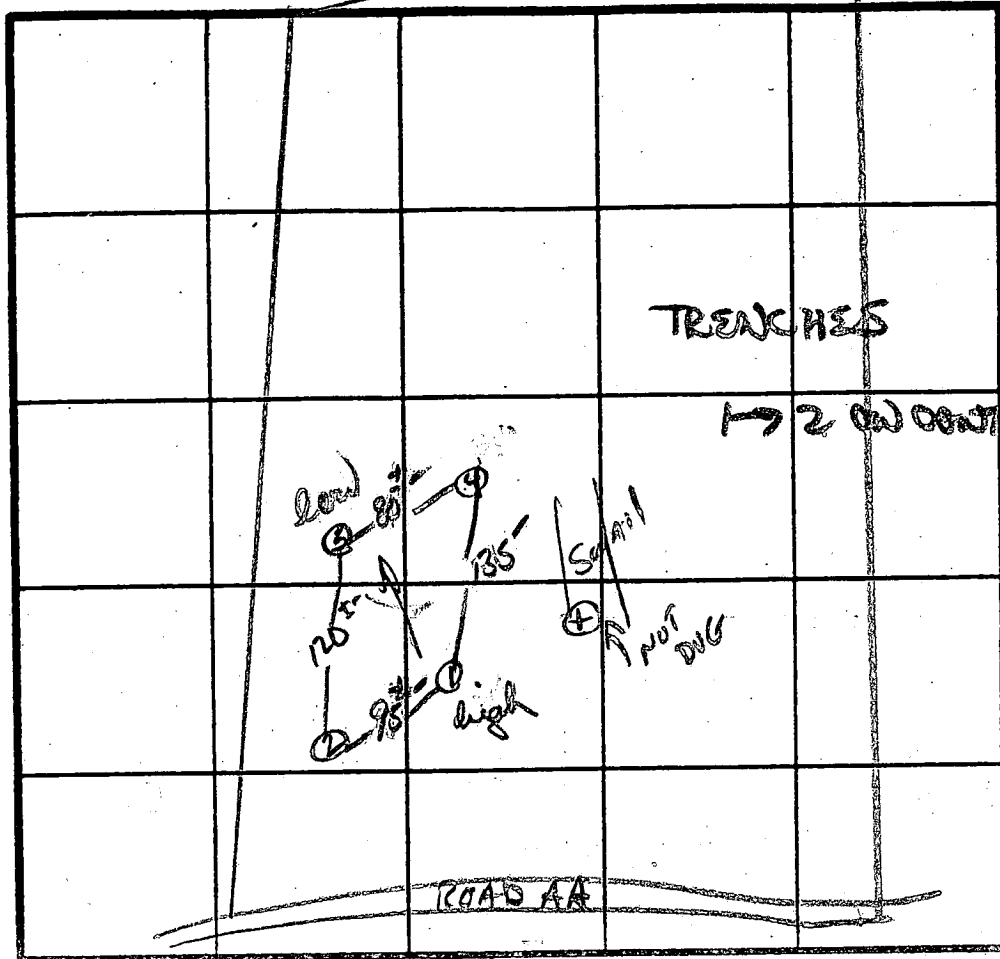
LDS.

① ②  
SOIL PROFILE

A1-3  
4 Yellow Brk  
Silt Loam  
9-12% CLAY  
<10% FRASS

---

7 Yellow Brk  
To Brown  
Silt Loam  
15-25%  
FRASS



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

INLET 4  
MAX D 6  
X = 7 MIN  
180°

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/24/87	1 S	4.5'	12:12	12:14	12:14	12:16	2 MIN
	1 V	10.5'	UNIFORM soil below				
	2 S	4'	12:09	12:16	12:16	12:30	14 MIN
	2 V	13'	UNIFORM soil below		4'		
	3 S	4'	12:20	12:22	12:22	12:26	4 MIN
	3 M	7.5'	12:22	12:26	12:26	12:32	6 MIN
	3 V	13'	UNIFORM soil below		3.5'		
	4 V	13'	UNIFORM soil below		4'		

REMARKS Holes slightly diff than flat | Shallow Syst. only

TYPE OF SOIL Chester Ln.

TESTED BY S. Abel ALSO PRESENT Bill, Rocky

EH-12-1079

27° 49' 44" W ~ 1519.86'  
394.24'

1378 1381

50.54'

375.08'

260.00'

PUDDING AVE  
N 53° 47' 05" E ~ 523.10'  
N 53° 47' 05" E ~ 600.67'

#680  
4.44 Ac.

#682  
4.13 Ac.

#683  
4.48 Ac.

Private Septic Easement

20' Drainage And Utility Easement

Private Septic Easement

Private Septic Easement

New Wall Site  
OK  
3/20/89

Private Septic Easement

#681  
3.78 Ac.

Well Site OK  
approx. well site OK  
3/20/89

approx. well site OK  
3/20/89

46500'  
35° 54' W ~ 489.67'

S 87° 26' 27" E ~ 100.00'

536° 12' 55" E ~ 210.00'

583° 28' 51" E ~ 36.72'

264.00'

511° 03' 01" E ~ 36.72'

N 68° 56' 11" E ~ 630.18'

1392

1334

1379

1382

1380

1333

1336

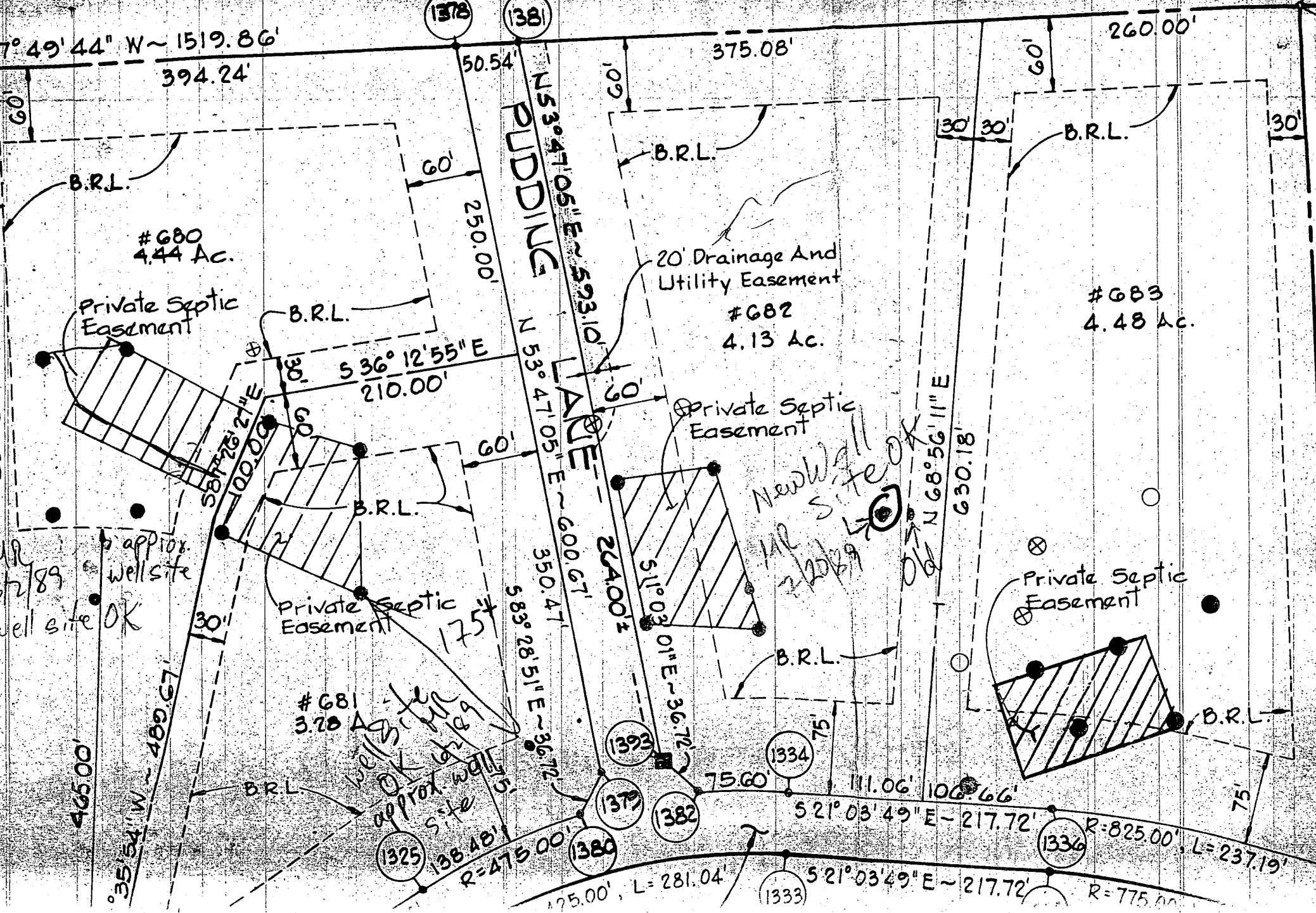
125.00', L=281.04'

521° 03' 49" E ~ 217.72'

R=775.00'

111.06' 106.66'

R=825.00', L=237.19'



N 27° 45' 44" 3015 3171

300

650

B.R. 4

683

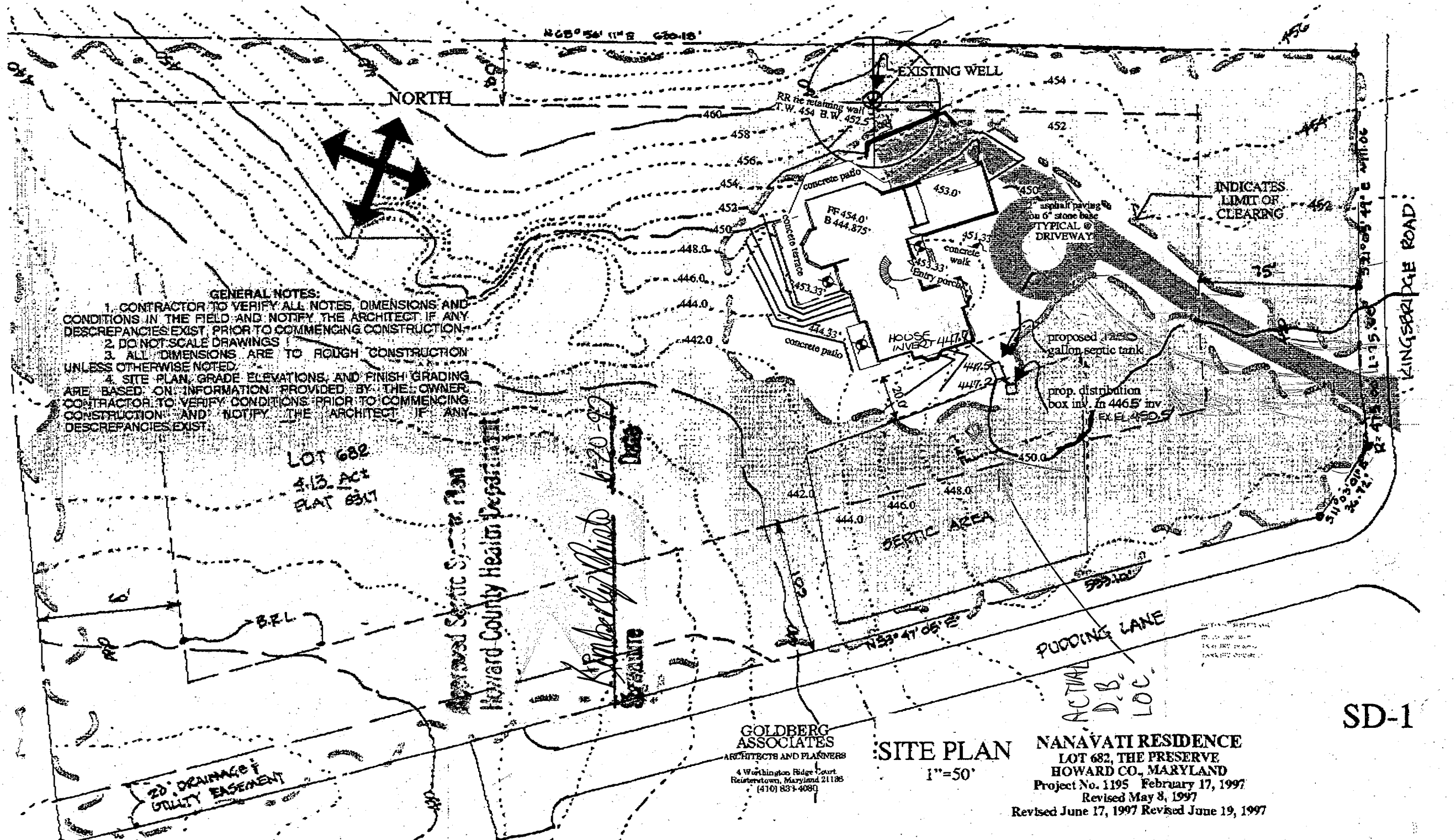
4.6

4.7

Note:  
Limited Water  
Location

FEET 3052





**GENERAL NOTES:**

1. CONTRACTOR TO VERIFY ALL NOTES, DIMENSIONS AND CONDITIONS IN THE FIELD AND NOTIFY THE ARCHITECT IF ANY DISCREPANCIES EXIST PRIOR TO COMMENCING CONSTRUCTION.
2. DO NOT SCALE DRAWINGS.
3. ALL DIMENSIONS ARE TO ROUGH CONSTRUCTION UNLESS OTHERWISE NOTED.
4. SITE PLAN, GRADE ELEVATIONS, AND FINISH GRADING ARE BASED ON INFORMATION PROVIDED BY THE OWNER. CONTRACTOR TO VERIFY CONDITIONS PRIOR TO COMMENCING CONSTRUCTION AND NOTIFY THE ARCHITECT IF ANY DISCREPANCIES EXIST.

LOT 682  
4.13 AC  
PLAT 6317

Approved Septic System Plan  
Howard County Health Department

Sanitary Sheds 6-20-92  
Date  
Signature

**GOLDBERG ASSOCIATES**  
ARCHITECTS AND PLANNERS  
4 Washington Ridge Court  
Reisterstown, Maryland 21186  
(410) 831-4080

**SITE PLAN**  
1"=50'

**NANAVATI RESIDENCE**  
LOT 682, THE PRESERVE  
HOWARD CO., MARYLAND  
Project No. 1195 February 17, 1997  
Revised May 8, 1997  
Revised June 17, 1997 Revised June 19, 1997

SD-1