

# PERMIT 05-415934

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

#### HOWARD COUNTY HEALTH DEPARTMENT

##### BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

P 510211

A 46863

DISTRICT \_\_\_\_\_

DATE 6-17-98

DATE SYSTEM APPROVED 8/6/98

INSPECTOR M. Rifkin

INDEXED

Hatfield Equipment IS PERMITTED TO INSTALL ☒ ALTER \_\_\_\_\_

ADDRESS 13785 Burntwoods Rd, Glenelg, MD 21737 PHONE 301-854-6172

SUBDIVISION Sanborn Property LOT 4 ROAD 4959 Ten Oaks Road

PROPERTY OWNER Clark & Kelly Bensen

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS 1500 gallon installed

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 205 feet down the left (330.00') lot line and 25 feet off that same lot line as seen when facing the lot from Ten Oaks Road. Run trenches on contour to right 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. OK/PUR

PLANS APPROVED BY Kim Maiste/Mark Rifkin/Donna K. Soe REVISED DATE 3/25/98-5/08/98

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

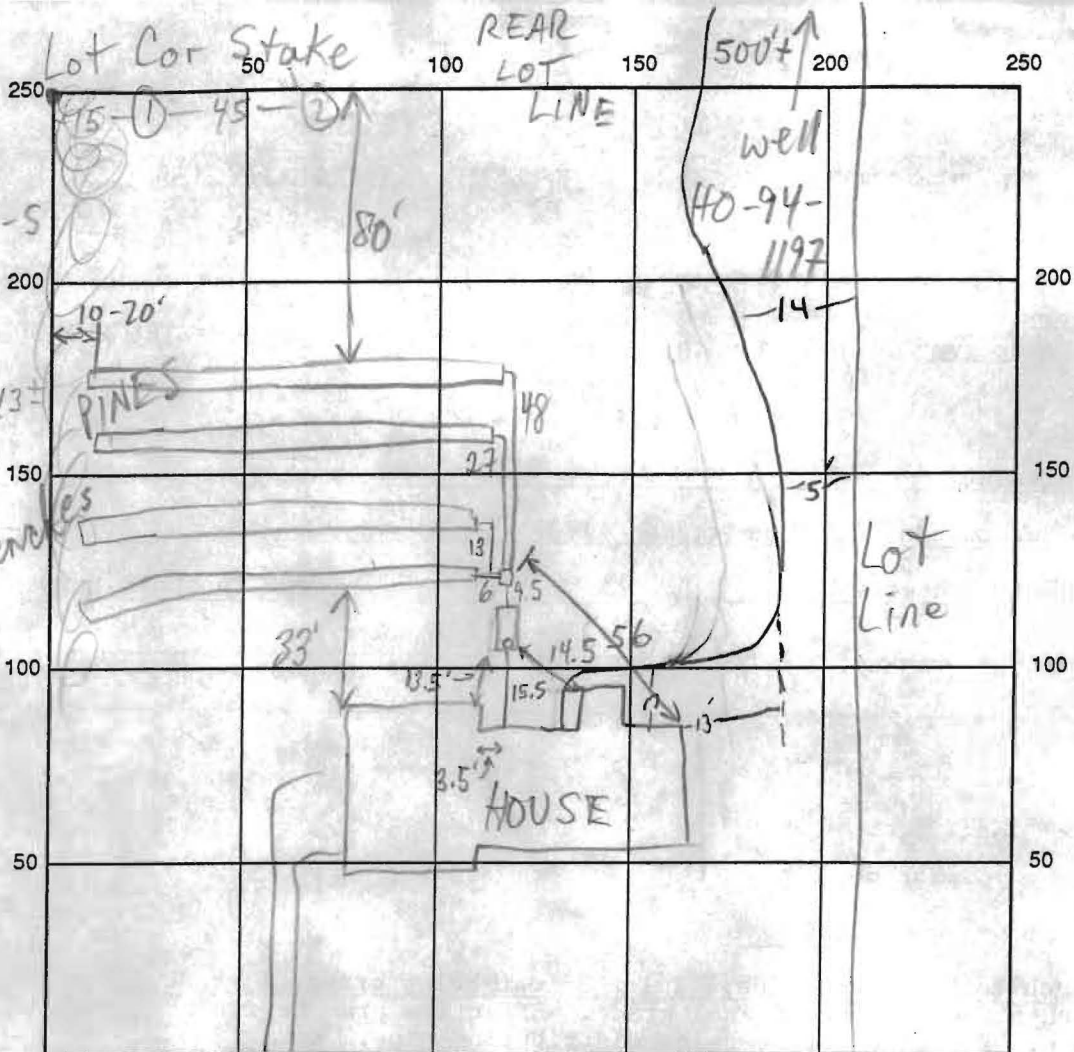
\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILDING PERMIT SIGNED  
AND RETURNED

8-24-98 RD 15697-EXR BDRM

A 46863

①+②  
red brn  
s mica  
c/lm  
red brn  
pink  
mica lm  
10-15% frags



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL-OK

CLEANOUTS 8" ON S.T.

DISTRIBUTION BOX LEVEL OK-BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH 4@70 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 4@210 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 840 SQ. FT.

REMARKS: 8/6/98 TANK SET CONFIRMATION HOLES DUG, LAYOUT CONFIRMED;  
OK TO CONTINUE (MR)

8/6/98 OK TO COVER - FINAL (MR)

9.1.98 WPI PITLESS OK TO COVER, INSTALL SLEEPING WELL LINE THROUGH WATER  
IN WET (LOW) AREA + WHERE WITHIN 20' OF OTHER SEWER AND AT  
HOUSE

DATE SYSTEM APPROVED 8/6/98

INSPECTOR M. R. P. K. W.

as well as  
recorded easement).

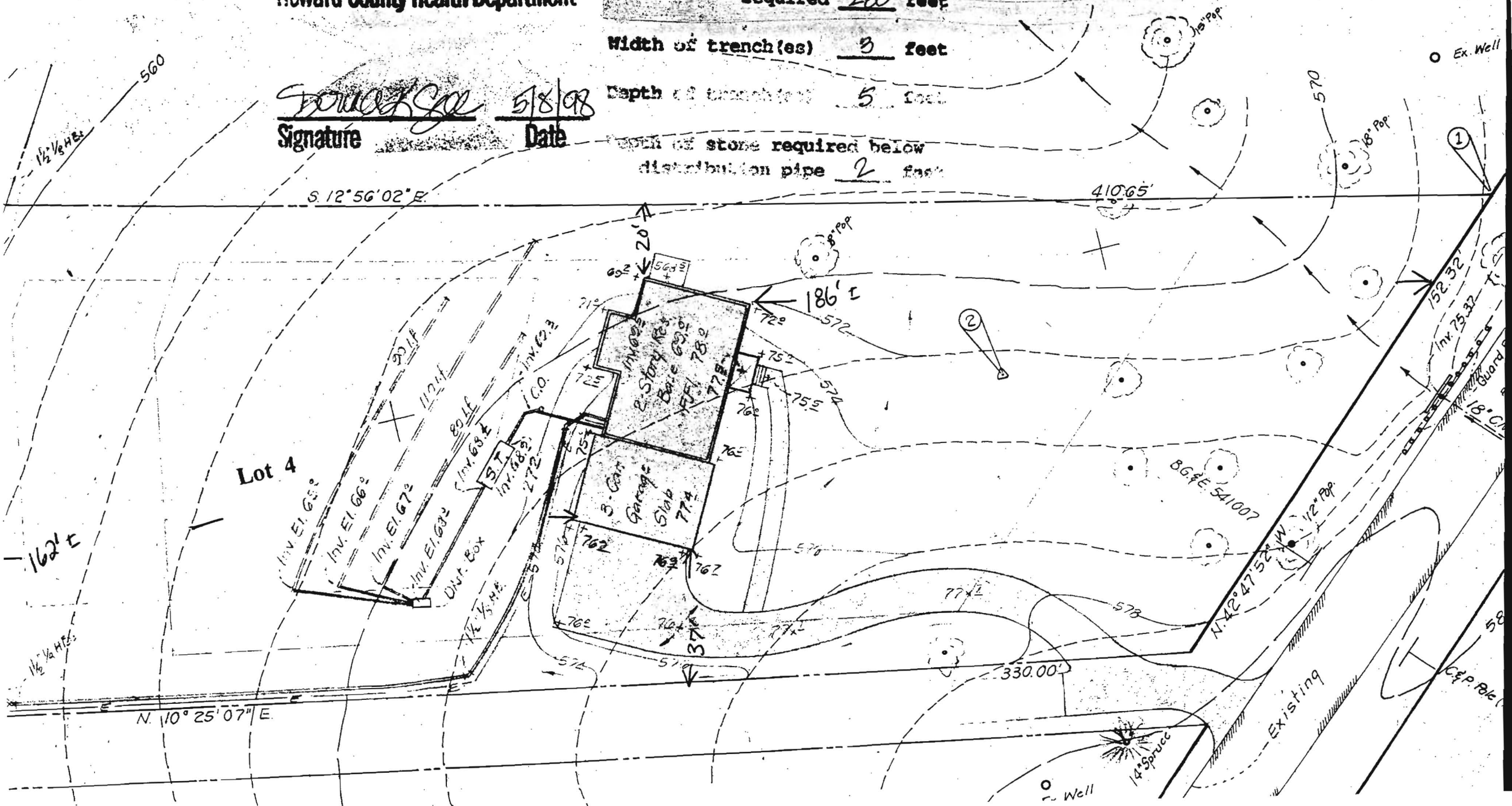
Width of trench(es) 3 feet

Depth of trenching 5 feet

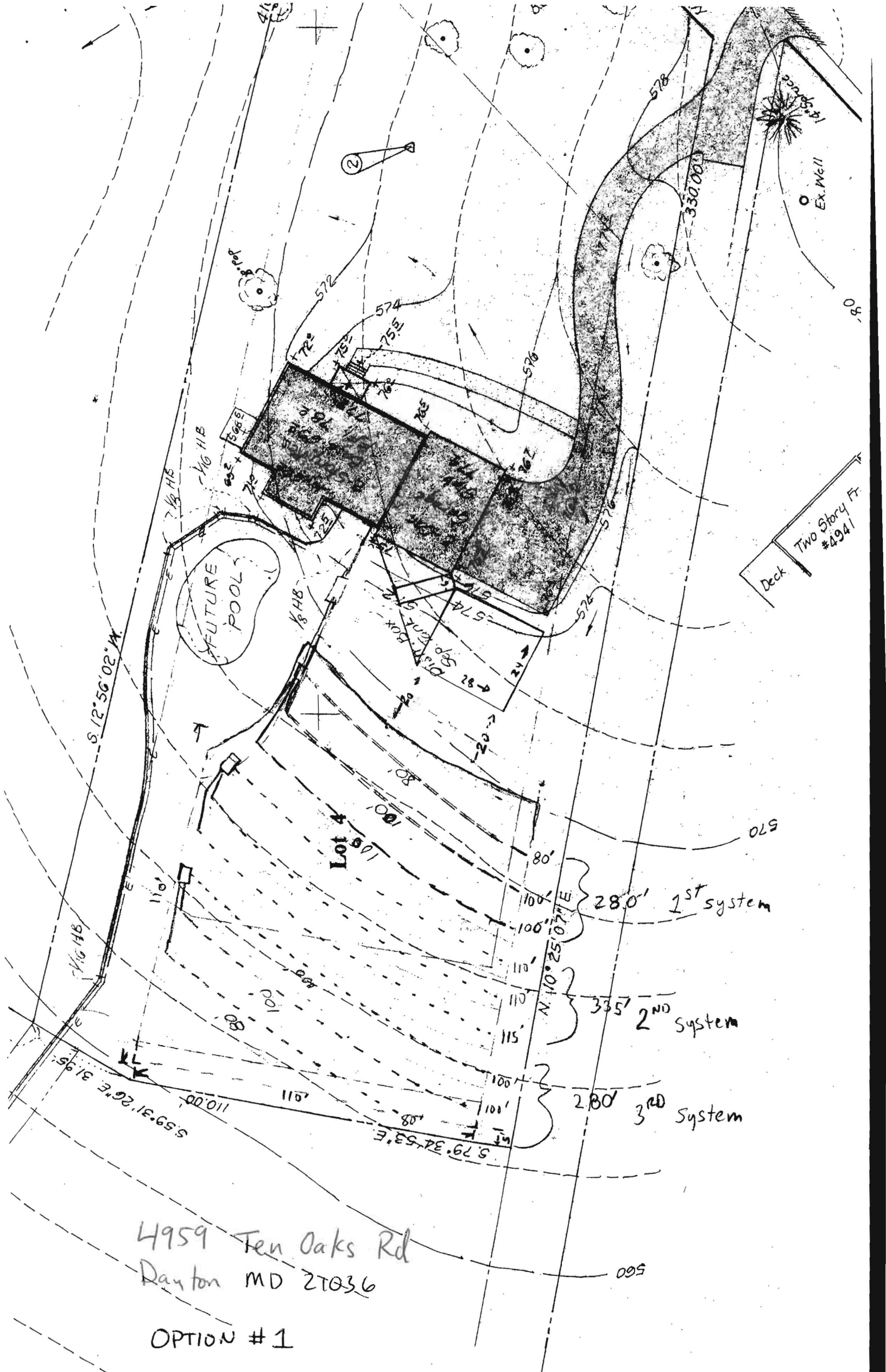
**Signature**

Date \_\_\_\_\_

Depth of stone required below  
distribution pipe 2 feet









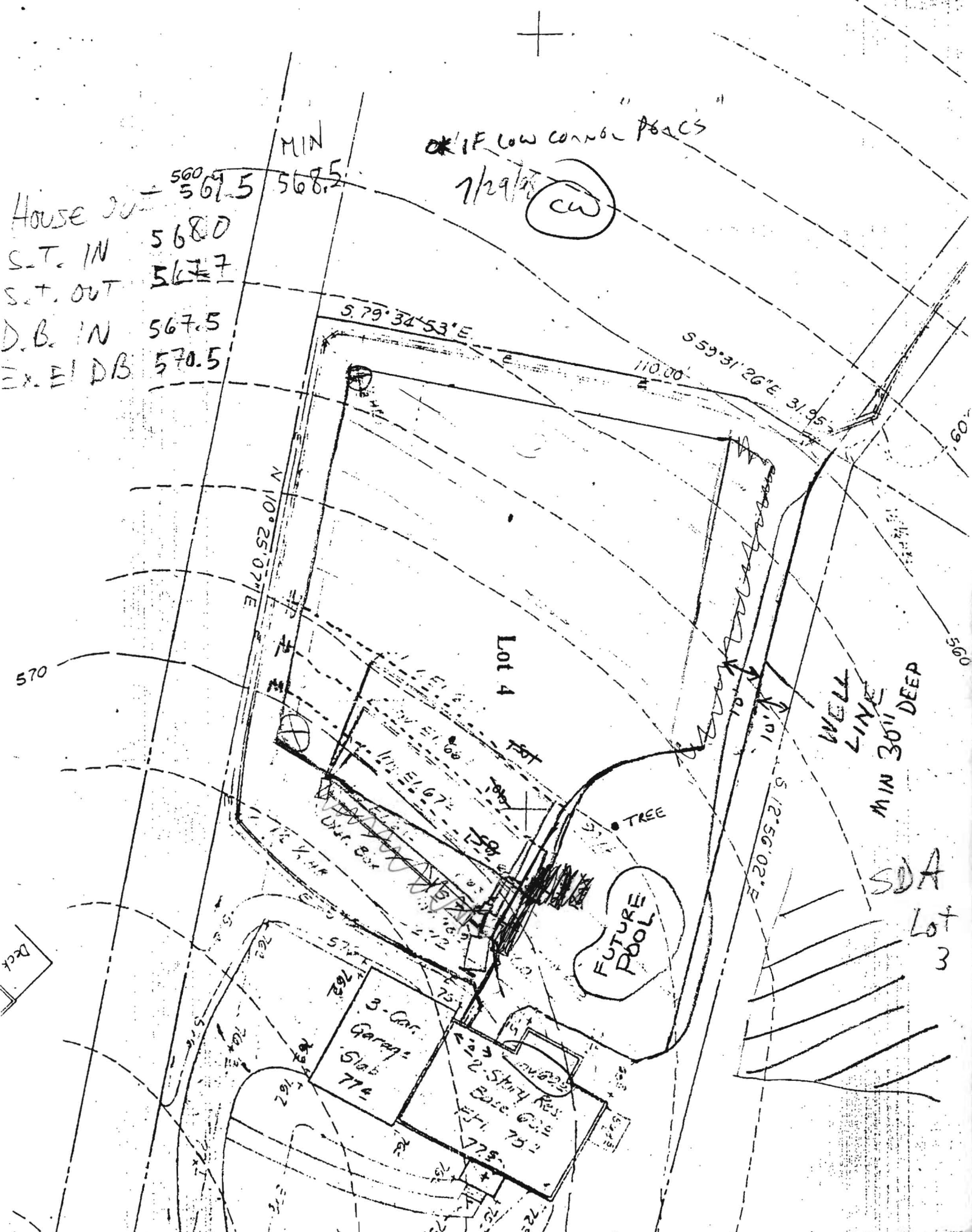


OR IF LOW CORNER PLACES

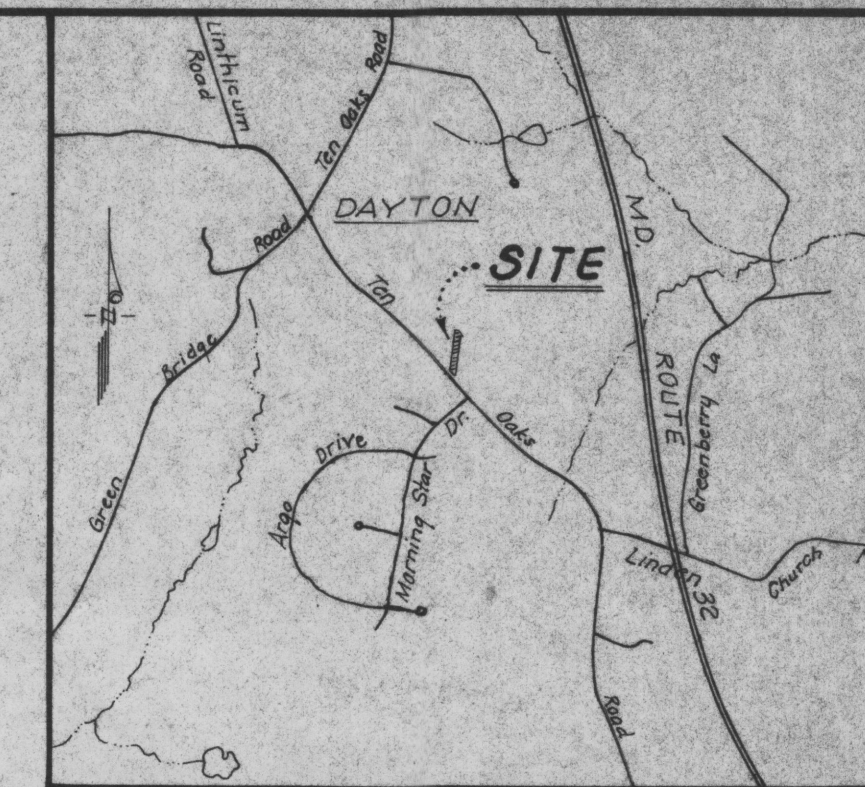
7/29/87

CW

House 560.5 MIN 568.5  
S.T. IN 568.0  
S.T. OUT 567.7  
D.B. IN 567.5  
EX. E.D.B. 570.5



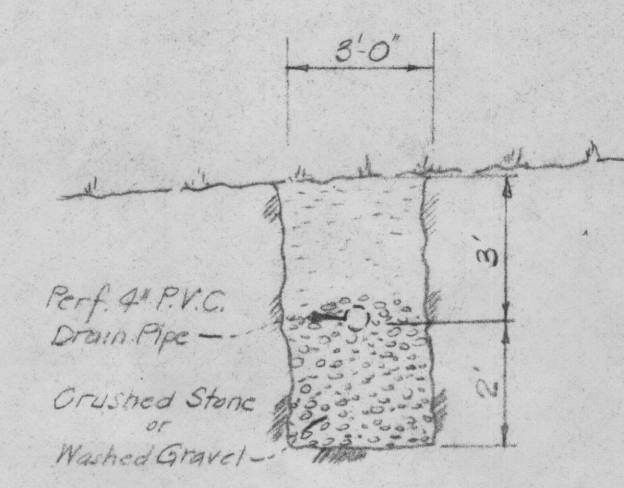




**VICINITY MAP**  
Scale: 1" = 2000'

**WATER SERVICE & SEPTIC SYSTEM NOTES**

1. Septic Tank to be min. 1250 gal. capacity.
2. Minimum 280 lin. ft. of recovery trench.
3. All water service piping on-site (within 20' horiz. of any part of the septic system) to be "Double Stave".



**SECTION SEPTIC TRENCH**  
NOT TO SCALE

**GENERAL NOTES**

1. This Site is classified as follows:  
A. Recorded Plat # 10935, (dated 9-3-93)  
B. Property Zoned R-R (9-18-92)  
C. Water & Sewer service by well & septic  
D. Site Slopes: SW - NE @ 5% to 6%  
E. Site Vegetation meadow, (former orchard)  
F. Total Lot Area: 1.1375 Ac.  
G. Total disturbed area: 9,400 s.f.  
H. Proposed use: Single Family House
2. The Topography was field shot in Howard County Datum on February 14, 1998.
3. No Construction may begin until the proper permits have been obtained.

**Water Well Easement:** Liber 4058 Folio 718-723  
An Easement was granted to Mr. & Mrs. Clark Bensen by James & Emilie Sanborn on August 7, 1997, to develop, install, maintain, service, use, replace, redrill (if needed) protect and secure a well, pump and associated piping and other incidental facilities relating to the supply of water for the benefit of Lot 4, Sanborn Property.

**Driveway Easement:**  
An Ingress/Egress Easement for access to Lot 4, over the Flagstem Entrance to Lot 2, Sanborn Property was granted to Mr. & Mrs. Clark Bensen on August 7, 1997, by the owner, James & Emilie Sanborn. (This is a solution to the problem that exists at the recorded location of the Ingress/Egress/Utility Easement that is shown on the record plat. A steep slope coupled with the close proximity of the discharge end of a storm drain culvert, would make it difficult, as well as costly, to construct the driveway entrance in the recorded easement).

**Approved Septic System Plan**  
Howard County Health Department

Signature: [Signature] Date: 5/8/98  
Linear feet of trench required 280 feet  
Width of trench (feet) 3 feet  
Depth of trench (feet) 5 feet  
Linear feet of trench required below distribution pipe 2 feet

**Bench Marks:**

Nº	Description	Elevation
1	Rebar & Cap (right front property corner)	574.81
2	Rebar (Traverse Sta.)	572.56

Owner: Mr. & Mrs. Clark Bensen  
3709 Falling Green Road  
Olney, Maryland 20832  
Ph. (301) 774-6445

**PLAN SCALE: 1" = 30'**

**SITE DEVELOPMENT PLAN**  
**Lot 4**

**SANBORN PROPERTY**  
Fifth Election District  
Howard County, Maryland

**FRANK M STEADMAN ASSOCIATES**  
ENGINEERS PLANNERS SURVEYORS  
6508 Fairbanks Street  
New Carrollton, Maryland 20784-3314  
(301) 552-2116 FAX (301) 552-2679

