

CO - open trench 3/21/95  
3/20/95  
3:21-95  
c/o 11.00

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-318766

Needs these connections  
done 3/21/95

P 50554

A 47215 B

DISTRICT 3rd

DATE 3/2/95

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH  
~~265-2123~~ 313-2640

DATE SYSTEM APPROVED 3/21/95

INSPECTOR DKS

**INDEXED**

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION W. Friendship Estates - I LOT 36 ROAD 3101 Fox Valley Drive

PROPERTY OWNER Altieri Homes / AHMED

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 320

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Beginning from the right front lot corner, place distribution box 105 feet down the front lot line and 100 feet off that same lot line as seen when facing the lot from fox Valley Drive. Run trenches on contour toward the back-left lot corner. MAINTAIN 100 FEET FROM WELL TO ALL PARTS OF THE SEPTIC SYSTEM.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 3/2/95 DKS

PLANS APPROVED BY Amy McMillen DATE 01/26/95

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

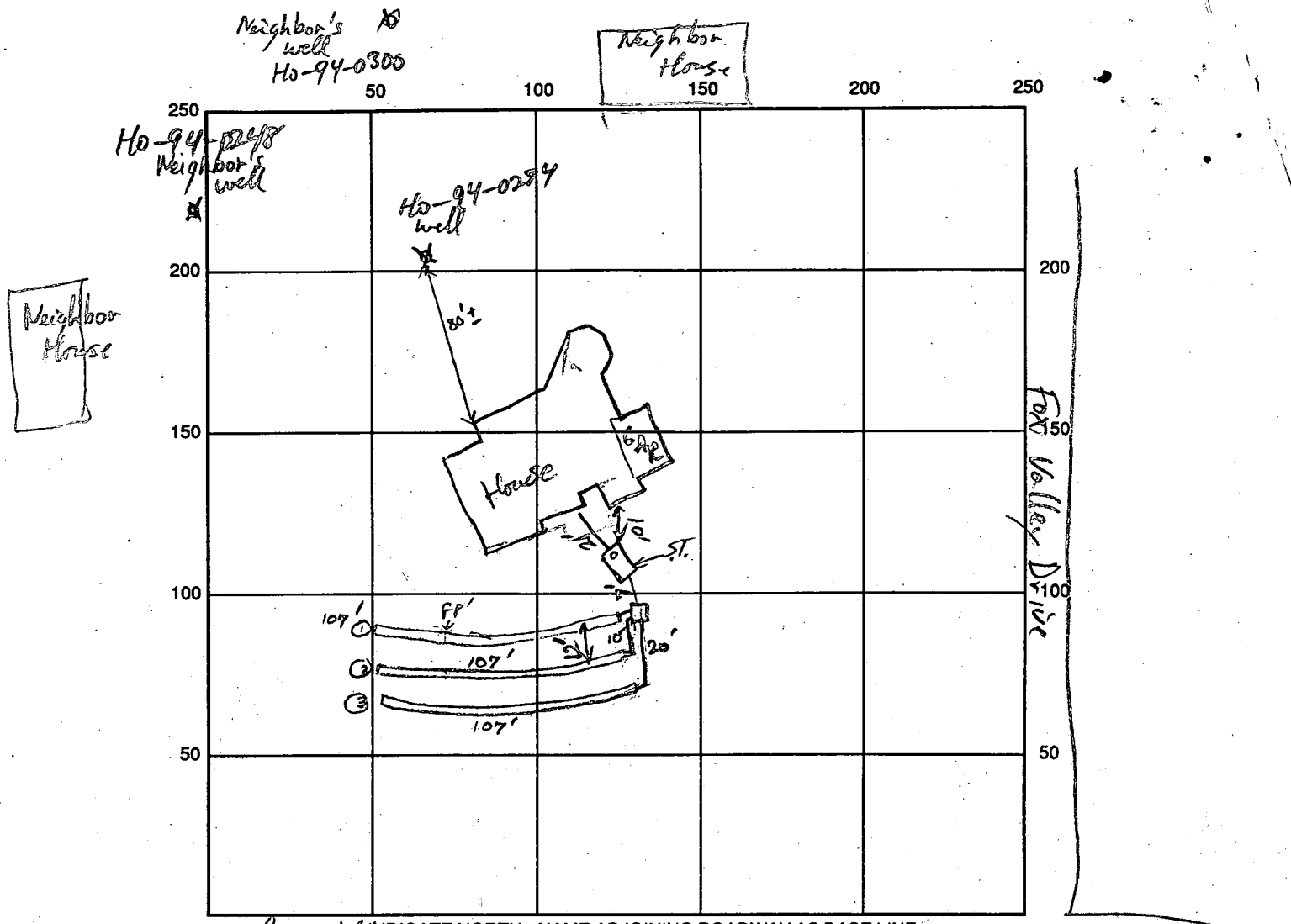
PERMIT VOID AFTER TWO YEARS

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 47215 B



SEPTIC TANK LEVEL 1500 gal CLEANOUTS \_\_\_\_\_

DISTRIBUTION BOX LEVEL OKV R/P

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ①107' ③107' FT. → 321' total

NUMBER OF TRENCHES 3 ~~ONE~~ GRAVEL/BOTTOM AREA 963 SQ. FT.

DRYWALL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 963 SQ. FT. *change to 3-107' long trenches is OK / R/P finally*

REMARKS: *they* Installed two 88 ft trenches, will increase to three 107' long trenches to save repair area. Open trenches OK to gravel fill + cover last 88 ft of 2 trenches when completed. If problem with excessive rocks call for another open trench inspection. R/P 3/20/95

3/21/95 Final - OK to cover all work. DKS

DATE SYSTEM APPROVED 3/21/95 INSPECTOR SOLMAN & SUE

# APPLICATION

## PERCOLATION TESTING

*NO FEE*

A \_\_\_\_\_  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_  
DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER *Alteki James*

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

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

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

PROPERTY LOCATION:

SUBDIVISION *W FASHIP #* LOT NO. *37*

ROAD AND DESCRIPTION *Wood Prop Farm (3101 Fox Valley Drive)*

*(Test center of each line of section 1 acre)*

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED *1/24/95*

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. *Serial # 57945-SFD-4Bm*  
(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.

(SIGNATURE OF APPLICANT)

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

DISAPPROVED BY *Need (2 low holes 7 tests as of 5/17/93) + also 1 at tree* FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

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

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT



C1 5983

SEQUENCE NO. (DENV USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

COUNTY NUMBER A-13-A

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 012395

Depth of Well 365 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0279

OWNER ALTIERI HOMES RIVER VALLEY CHASE TOWN W. FRIENDSHIP WEST FRIENDSHIP EST. SECTION 1 LOT 36

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes entries for SAND and GRAY MICHA ROCK.

GROUTING RECORD form: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (15), NO. OF POUNDS (1410).

CASING RECORD form: casing types (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (84).

OTHER CASING (if used) form: diameter, depth (feet).

SCREEN RECORD form: screen type (ST, BR, HO, PL, OT), DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (N).

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS IDENT NO. 24, DRILLERS SIGNATURE Joseph L. Mayne, 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. MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER).

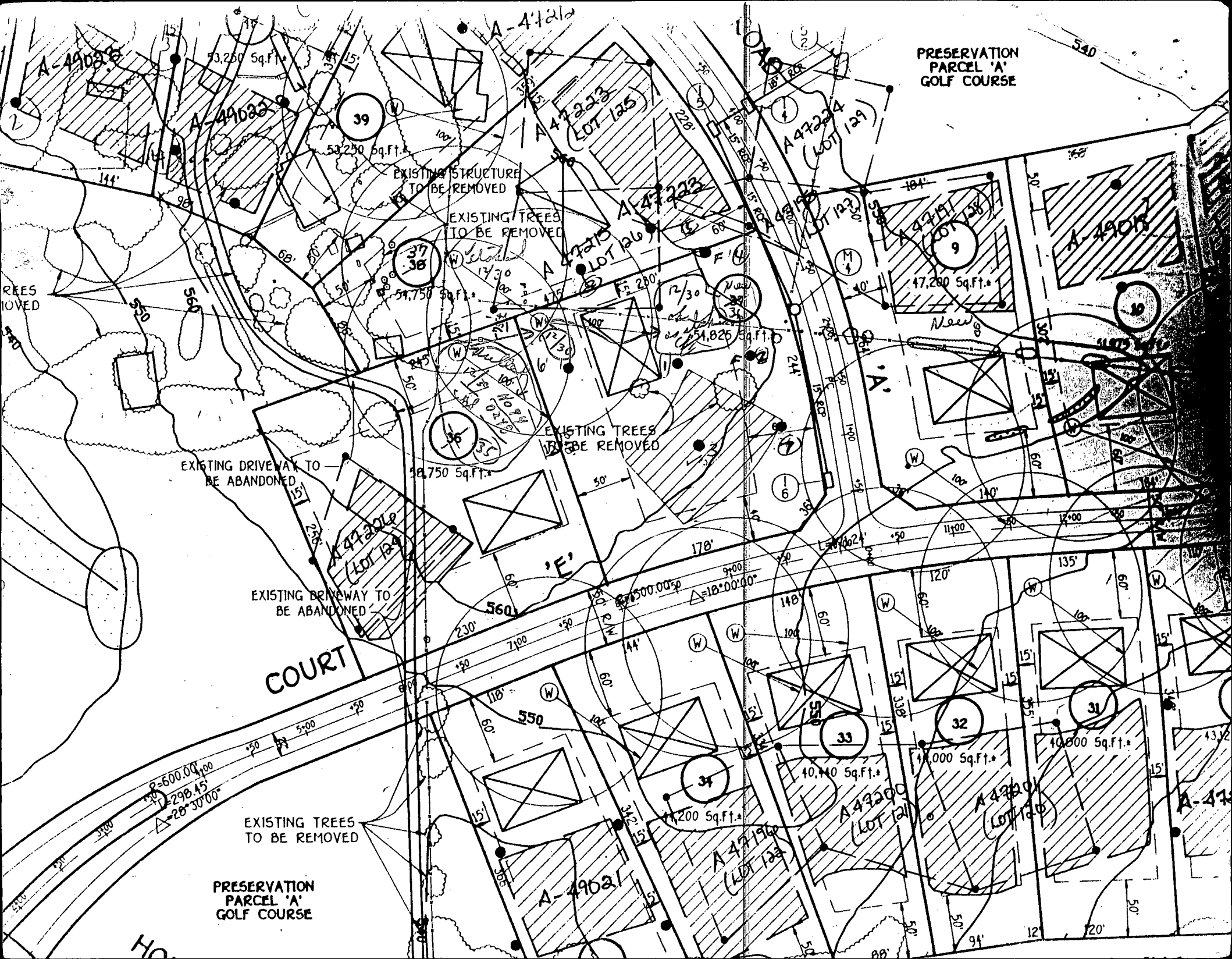
TELESCOPE CASING LOG INDICATOR, W Q OTHER DATA.

PUMPING TEST form: HOURS PUMPED (6), PUMPING RATE (2.1), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (42), WHEN PUMPING (333), TYPE OF PUMP USED (S).

PUMP INSTALLED form: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (above/below), LAND SURFACE (1).

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). See Attached location.

PRESERVATION  
PARCEL 'A'  
GOLF COURSE



A-49028

A-49032

39

A-41212

A-47223  
(LOT 125)

A-47224  
(LOT 129)

EXISTING STRUCTURE  
TO BE REMOVED

EXISTING TREES  
TO BE REMOVED

37  
38

A-47223  
(LOT 126)

54,825 Sq.Ft.

A-47223  
(LOT 128)

47,200 Sq.Ft.

A-49018

39

EXISTING DRIVEWAY TO  
BE ABANDONED

EXISTING TREES  
TO BE REMOVED

36

EXISTING BRIVWAY TO  
BE ABANDONED

COURT

'E'

33

32

31

34

EXISTING TREES  
TO BE REMOVED

PRESERVATION  
PARCEL 'A'  
GOLF COURSE

A-49021  
(LOT 122)

A-47220  
(LOT 122)

A-49200  
(LOT 121)

A-49200  
(LOT 120)

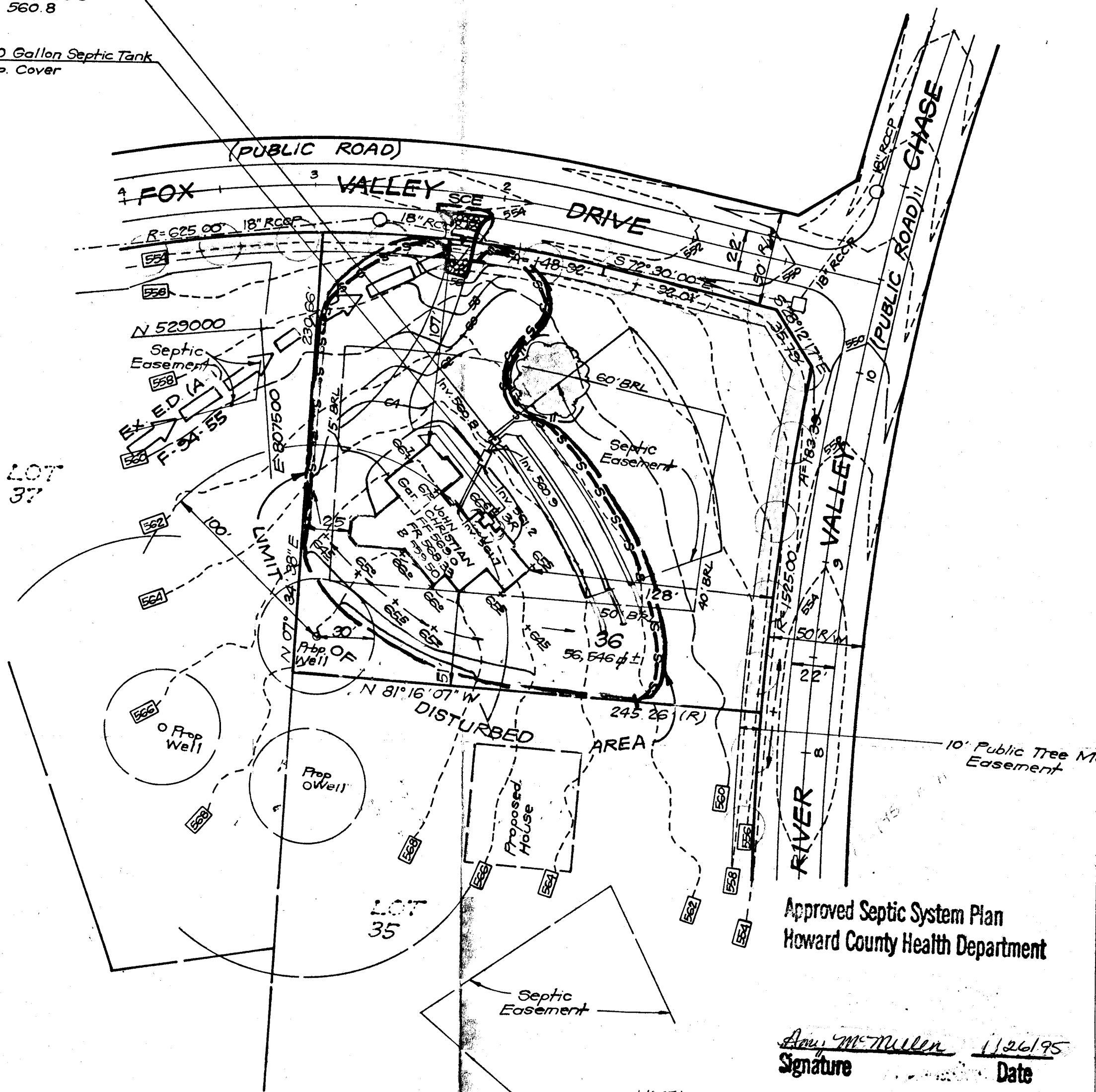
A-47221

N 529500  
E 807500

N 529500  
E 808000

Distribution Box  
Ex. Grd. 563.8  
Inv. 560.8

1250 Gallon Septic Tank  
Prop. Cover



Approved Septic System Plan  
Howard County Health Department

*Ann McMullen* 1/26/95  
Signature Date

NOTE:  
- MANHOLE CLEANOUT REQUIRED IF  
GREATER THAN 3 FEET OF  
COVER OVER SEPTIC TANK  
- LENGTH OF TRENCH TO BE  
DETERMINED AT TIME  
OF SEPTIC PERMIT  
ISSUANCE.

Reviewed for HOWARD S.C.D.  
and meets Technical Requirements  
*Patricia Cash* 12/19/94  
Signature Date  
US Soil Conservation Service

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

*[Signature]*

11-23-94

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*G. Nelson Clark*

G. Nelson Clark

11-2

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*Wm. L. Robertson* 12/19/94  
Approved