

9/23/99
11 AM
10/14/99
10/15/99
11/23/99
Septic Pump Test @ 3:30
Co. [unclear]
[unclear] (of Co.)

Needs Pump Test

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512740
512740
A 14912

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

04-323262

INDEXED

DISTRICT 4th

DATE 9/30/1999

DATE SYSTEM APPROVED 11/23/99

INSPECTOR S.R.K.

South Carroll Backhoe, Inc IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-4197

SUBDIVISION Warfield Estates LOT 19 ROAD 14519 McClintock Drive Court

PROPERTY OWNER Jacobsen Homes, LLC

ADDRESS _____

TOP SEAMED TANK REQUIRED
SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

270 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 270

PUMPED SEPTIC SYSTEM DETAIL

INSTALL: 1-1000 Gallon Top Seamed Pump Chamber
NOTES: - Septic pump detail to be provided by installer prior to issuance of septic permit.
- Pump performance test is necessary prior to Health department approval of pumped septic system.

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 distribution box 120 feet from the rear lot line and 10 feet from the left lot line. Run trenches along contour in both directions.

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

PLANS APPROVED BY C. Williams DATE 8/10/98

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

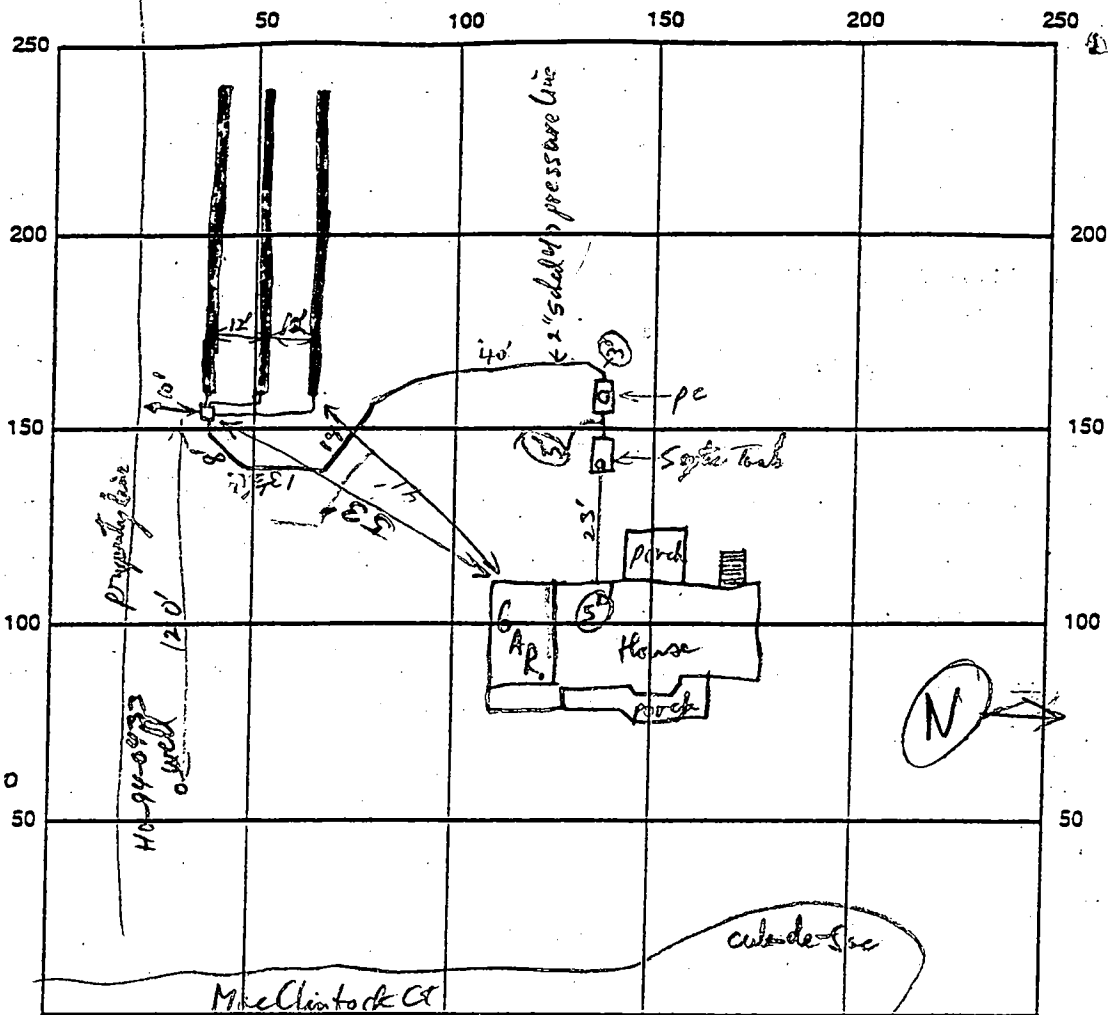
PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 8 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**

512740



H0-99-0432
Neighborhood

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE

Pump Chamber 1000 gal Top Seamed (Pump Chamber)
 SEPTIC TANK LEVEL 1600 gal Top Seamed (Pump Chamber) CLEANOUTS S.T.

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH $\frac{1}{2} / \frac{2}{3}$ FT. = 2.50 L.F.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 810 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: 9/23/99 INSP REQUESTED - NO ONE PRESENT, NO WORK DONE (MR)

First Trench gravel Filled & OK to connect House Connection, S.T. + P.C. OK to connect.

Second 2 trench + dist box ready, OK to cover work. P.P. 10/15/99 Needs Pump Test.

11/23/99 - Pump TEST OPERATIONAL, pump OK & HIGH WATER ALARM OK - (SRK)

DATE SYSTEM APPROVED 11/23/99 INSPECTOR Steven R. Krieg

APPLICATION

PERCOLATION TESTING

A 14912

P _____

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

DISTRICT _____

Retest

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

*TO CONFIRM
PREVIOUS APPROVAL FOR DRYWELLS*

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

PROPERTY OWNER JACOBSEN HOMES, LLC

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION MacClintock Estates LOT NO. 19

ROAD AND DESCRIPTION 14519 MacClintock Ct.

BLDG. PERMIT SIGNED

AND RETURNED 8-10-95

Serial # B0112394

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD-3 Bedroom
(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 *CW [Signature]* FOR SHALLOW TRENCHES DATE 5/11/95

DISAPPROVED BY _____ 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

A14912

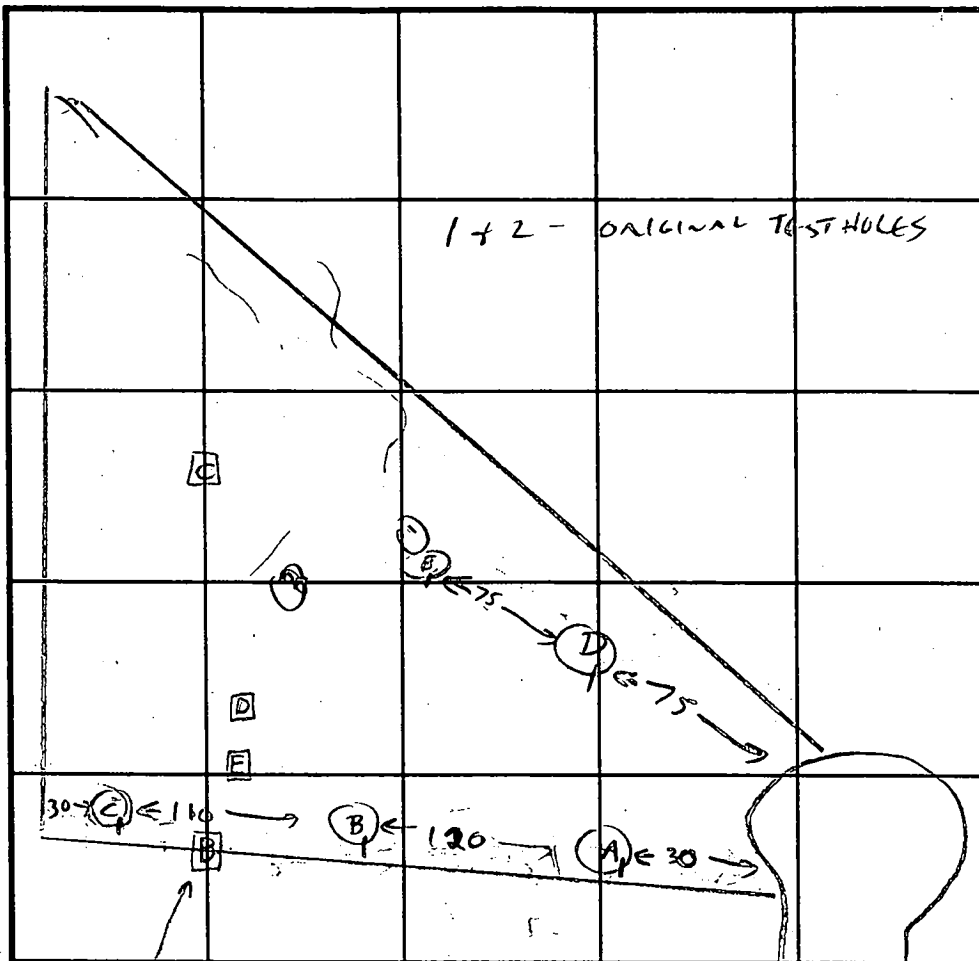
COUNTY #

SOIL PROFILE

0' (B)
CLAY
4' ORANGE BROWN SANDY CLAY COAR
11' POSSIBLE MOTTLES
13' DEFINITE GRAY MOTTLES
14 1/2'

(C)
CLAY
5' GRAY SAND COAR UNCERTAIN MOTTLES
7' DEFINITE MOTTLES
13'

(D)
CLAY
4' UNCERTAIN SIGN OF MOTTLES
10' MOTTLES



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Location of Tests on 4/5/95 =

SOIL PROFILE

(E)
BROWN CLAY
4' ORANGE CLAY COAR
6' SAND COAR
8 1/2' POSSIBLE MOTTLES
11' GRAY MOTTLED COAR
14 1/2'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/7/95	A,	NOT USED - NOT EXAMINED					TOO CLOSE TO WELL SITES
	B,	115	OK	4-11			
	C,						
	D,	NOT USED					
	E,						
	F,						

REMARKS SOME EVIDENCE OF WATER TABLE LIMITATIONS
 TYPE OF SOIL - INSTALL SYSTEM AS SHALLOW AS POSSIBLE AS HIGH ON LOT AS POSSIBLE.
 TESTED BY Cwell ALSO PRESENT K SHISSLER T JACOBS
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 8 MIN TRENCH WIDTH 3
 INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5 SQ. FT./BEDROOM 180

4/5/95
4/7/95. 12:00

APPLICATION

PERCOLATION TESTING

A 14912

P _____

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

DISTRICT _____

Retest

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 _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION MacClintock Estates LOT NO. 19

ROAD AND DESCRIPTION MacClintock Ct.

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(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 _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

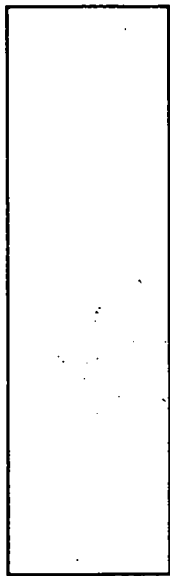
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

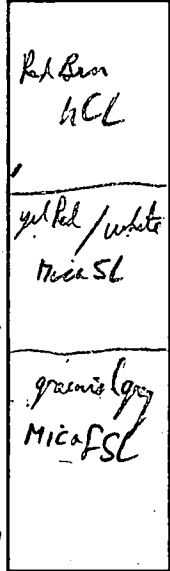
MacClintock Est. Lot 19
A 14912

COUNTY #

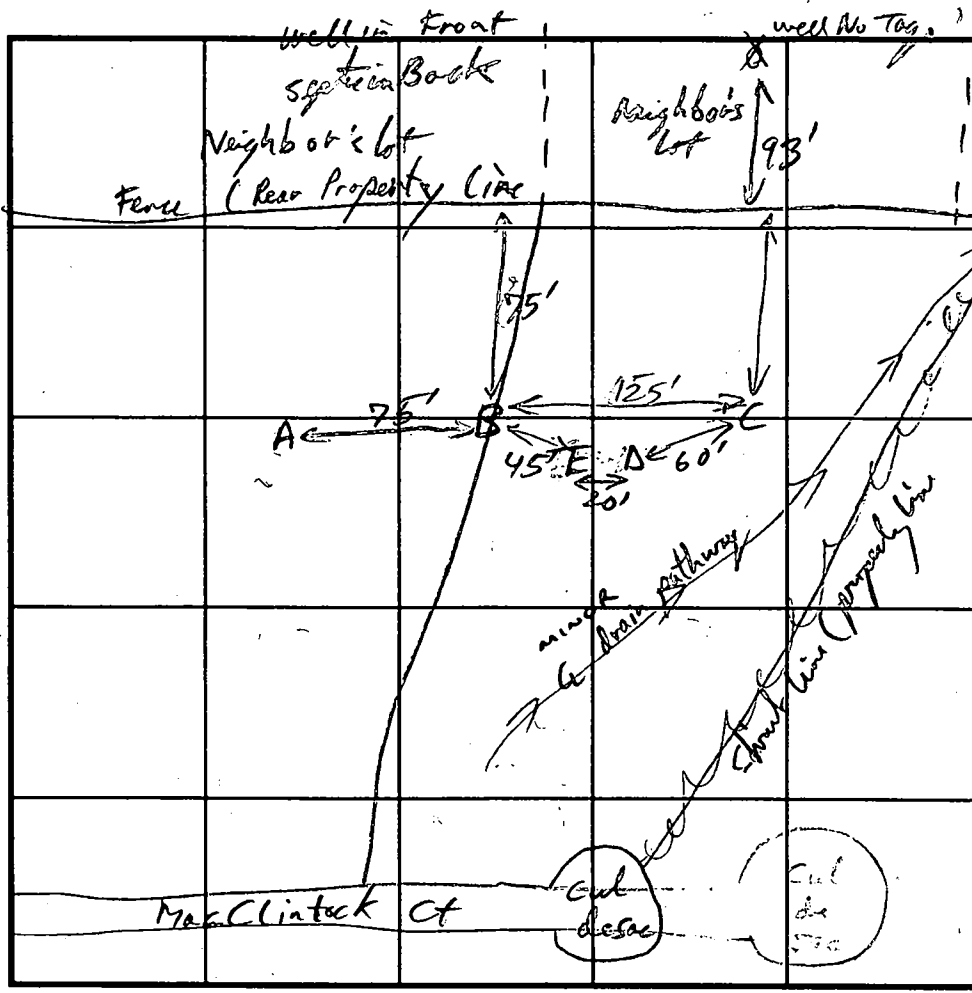
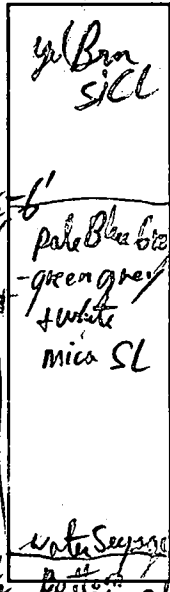
SOIL PROFILE B



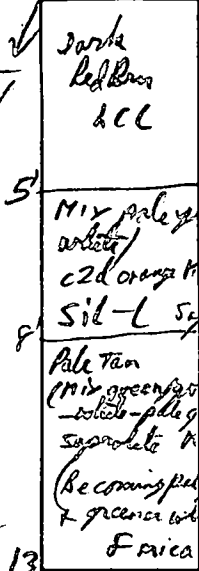
D



C



SOIL PROFILE E



DATE	TEST NO.	DEPTH	PRE-WET.		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/5/95	B	4'					Too Slow
		5'					1/2 min
	C	15'	OK 6+12ft ± (estimate) wet				
		15'	Not tested - water table problems				
	D	11'	Not Tested				
	E	13'	Not Tested				

REMARKS Very Dry year - No water tables evident where seen in Normal wet seasons
 TYPE OF SOIL Chester - Clay loam
 TESTED BY R. Pinkley ALSO PRESENT _____
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

APPLICATION

A 14912

P _____

SEWAGE DISPOSAL TESTING

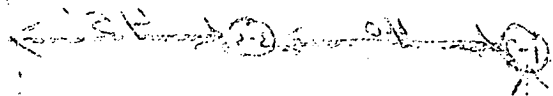
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 10/27/69



TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Maple Hill Farms Associates

ADDRESS 9300 Fontana Ave., Seabrook, Md. 20801 PHONE Any questions call: Mr. Silberman 243-2584

PROPERTY LOCATION: _____

SUBDIVISION Maple Hill Farms LOT NO. 80, Sec. 2

ROAD AND DESCRIPTION Circle 6

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____ PHONE _____

ADDRESS _____ PHONE _____

SIZE OF LOT 100' x 375' x 275' x 294' TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/s/ MacClintock & Huster

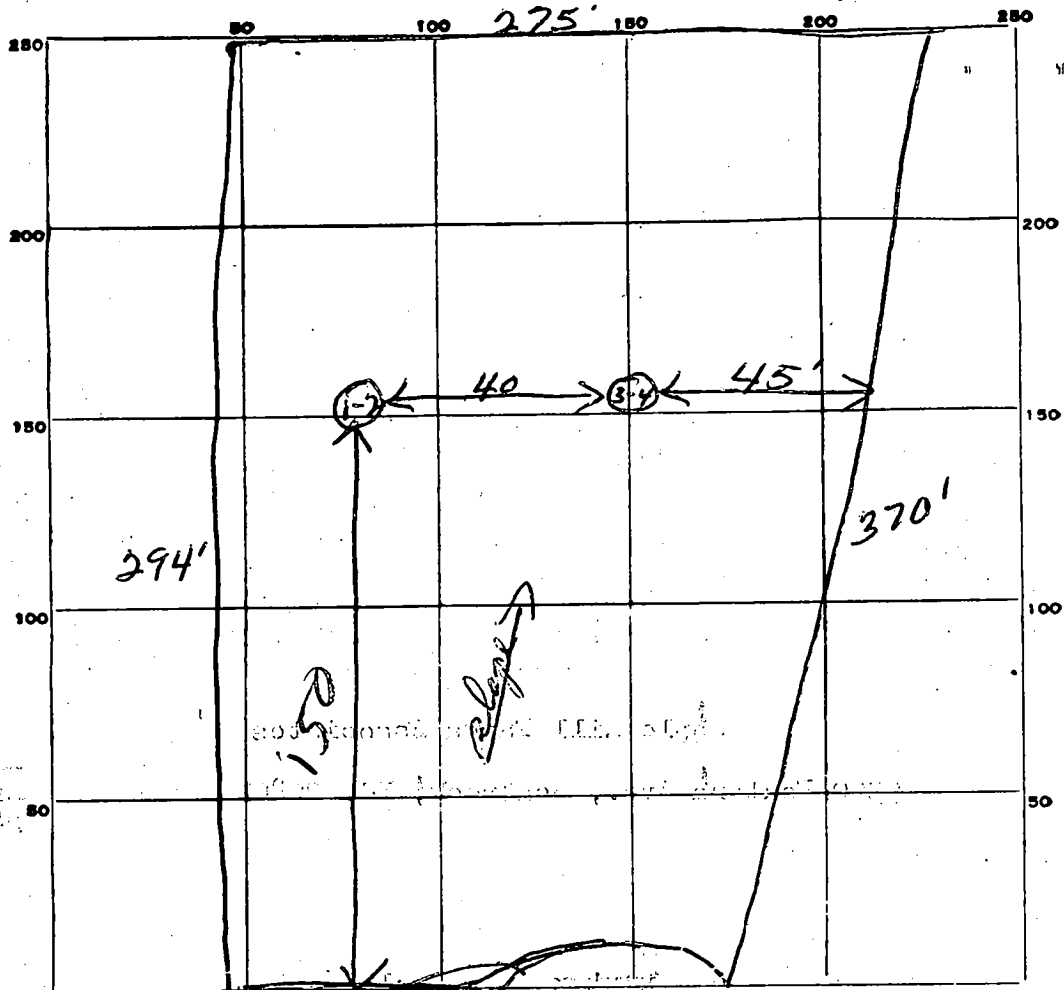
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



Handwritten notes:
 15'
 slope
 INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
Circle 6

Handwritten notes:
 wet 4 1/2
 75 in.
 08-19

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/28/89	1	10'	10 ⁰⁶	10 ¹²	10 ¹²	10 ²⁰	8 in
	2	4	10 ⁰⁶		slaw		30
	3	10' 1/2	10 ⁰⁸	10 ¹³	10 ¹³	10 ²⁰	7 in
	4	4' 1/2	10 ⁰⁸	10 ¹⁵	10 ¹⁵	10	30 in

Handwritten notes:
 lot 80
 sec 2

SOIL AUGER FINDING _____
 TESTED BY [Signature]
 REMARKS _____

Preliminary

1-81 Need Manual Note; 13'-14" deep in wet time 7.7.

162
4
333

A 14912
P _____

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLCOTT CITY

3BR

4BR

DISTRICT 4

573 1000 Gal Tank
Dry Well ~~75~~ 50 ft sidewalk area
below the inlet

1250 Gal Tank
764
Dry Well 50 ft sidewalk area
below the inlet

DATE 10/27/69

Dry Well inlet to be no deeper than 4 FT and Dry Well bottom
to be no deeper than 1 1/2 FT Depth max B.O.C.

Place the dry Well 140 FT from the front lot line & in area
situated 25 & 45 FT from the right side of the lot as seen
when facing the lot from

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE
DISPOSAL SYSTEM.

PROPERTY OWNER Maple Hill Farms Associates

MacClintock Court Trench used in conjunction
with dry well to come off side of driveway &
follow a concrete curb. 2 inspections

Any questions call:

ADDRESS 9300 Fontana Ave., Seabrook, Md. 20801

PHONE Mr. Silberman
243-2584

PROPERTY LOCATION:

SUBDIVISION Wynfield Estates

LOT NO. 80, Sec. 2

ROAD AND DESCRIPTION Circle 6

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 100' x 375' x 275' x 294' TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ MacClintock & Euster

APPROVED BY Raymond Holger FOR Dry Well
(KIND OF SYSTEM)

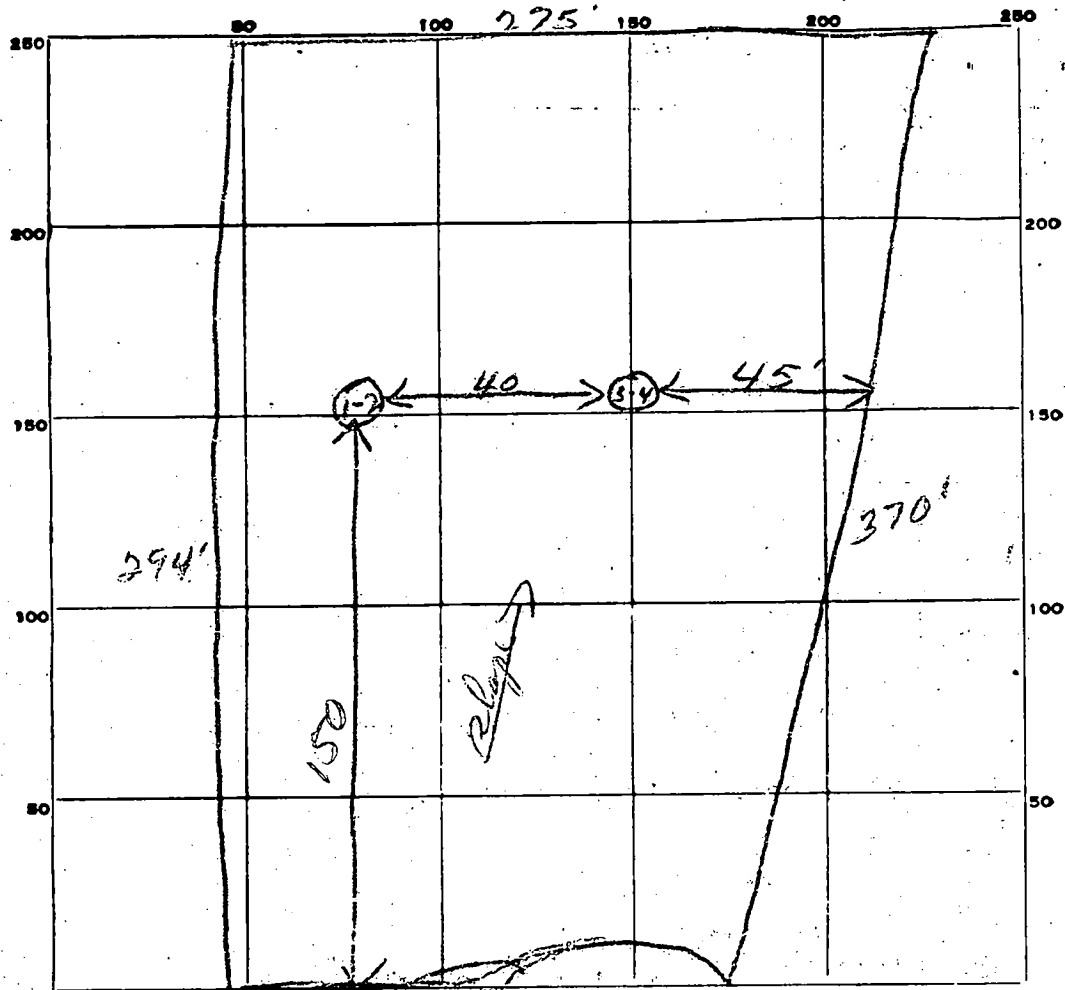
DATE 10/8/71

REJECTED BY _____ FOR _____
(KIND OF SYSTEM) DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



More details of [unclear]

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/28/84	1	10'	10 ⁰⁶	10 ¹²	10 ¹²	10 ²⁰	8 min
	2	4	10 ⁰⁶		slow		
	3	10 1/2	10 ⁰⁸	10 ¹⁸	10 ¹⁸	10 ²⁰	7 min
	4	4 1/2	10 ⁰⁸	10 ¹⁵	10 ¹⁵	10	30 min

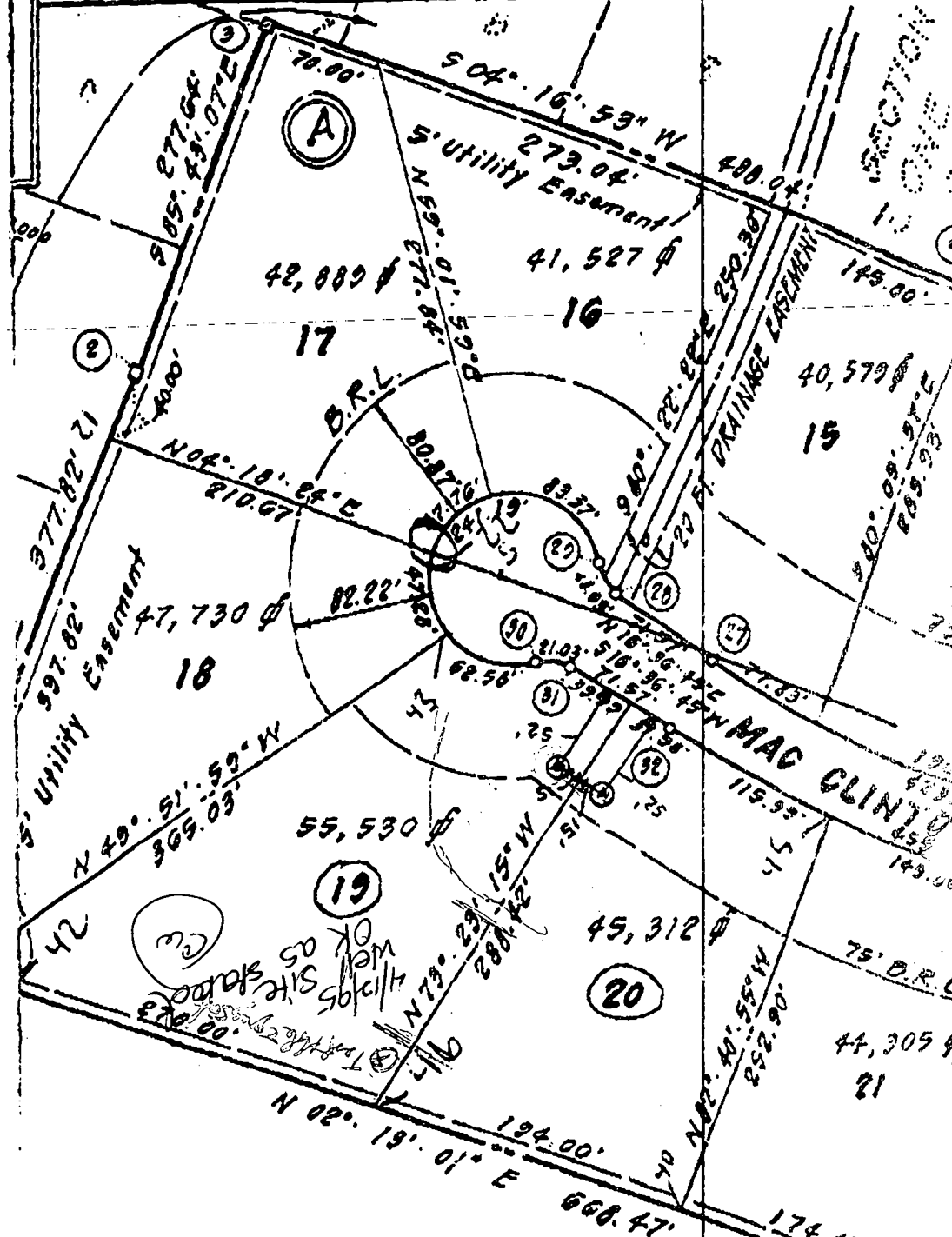
SOIL AUGER FINDING _____

TESTED BY *[Signature]*

REMARKS _____

17.39	25.00	39.27	29.00	90.00.00	N 00.08.15 W	33.30
18.41	495.00	436.29	233.46	50.30.00	N 70.06.45 E	422.30
18.43	25.00	39.27	29.00	90.00.00	S 89.98.15 E	35.30

PROPOSED WELL
LOCATION OF



Total area of plat = 18.754 Acres

with minimum
required by
and State

From 4/7/95 Testing The Test Hole ²C in The extreme South East corner of lot 19
had Mottled & suggestive Mottled grey soils suggestive of area unsuitable for Trench type
septic system. Because of well placements on lots 19 & 20 There is an area along
the South property line about 55-60' long (parallel to left or South Property line) and about
40' wide sufficient distance (100') From well and (25') From Test Hole C.

This may or may not be large enough for an initial septic system (i.e. 3' wide Bottom
design only, inlet 3', bottom 4' giving 3-4 ft soil buffer above probable water table.

Max total length of Trench \approx 150-160 Linear Feet = 450-480 effective filter area
which is equivalent for a 2 Bedroom house initial system - No room for future repairs
or install both septic and repairs on lot 20. 4/18/94 Affinity

95 MAR 27 AM 8:51

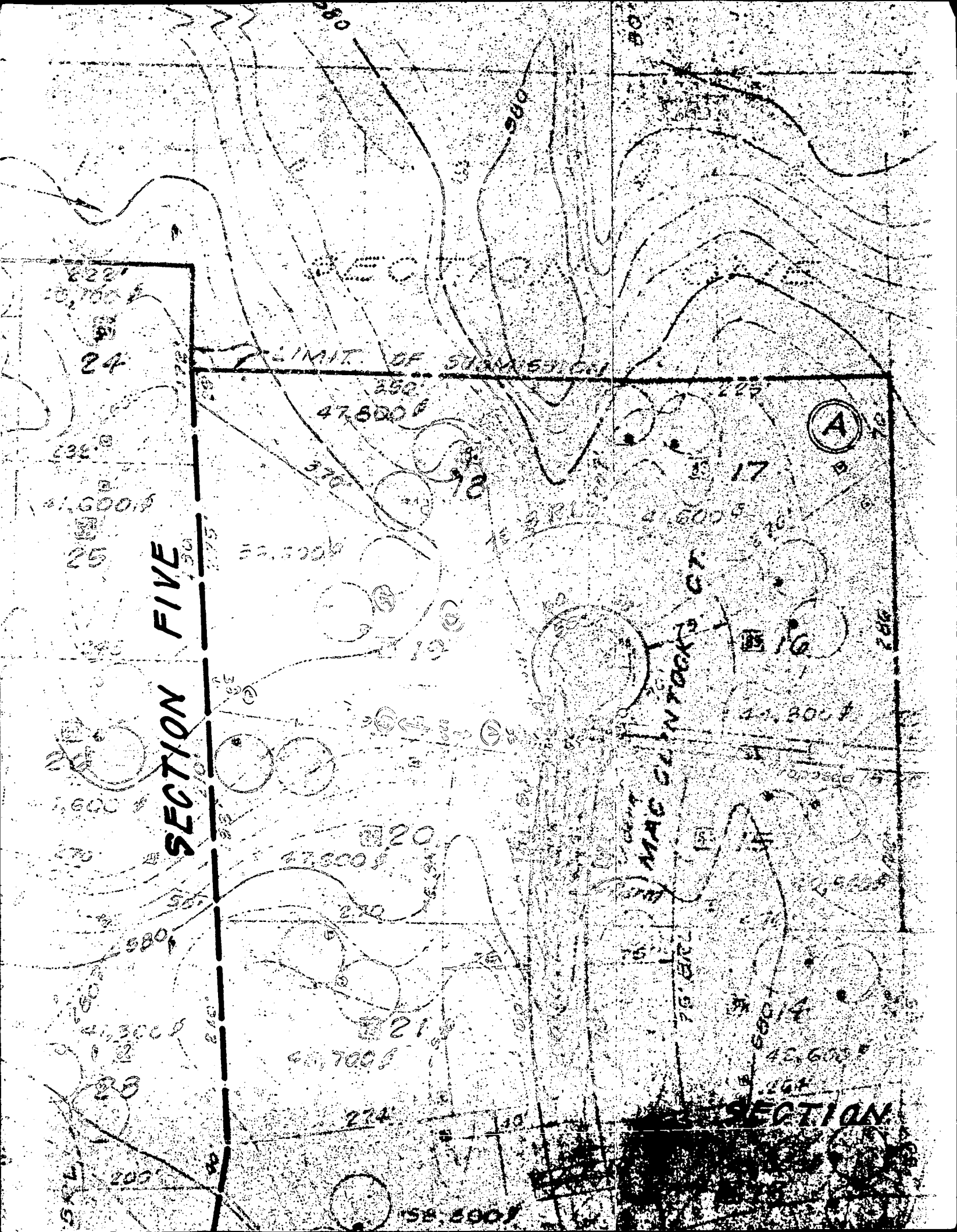
RECEIVED
HOWARD COUNTY
HEALTH DEPT.

SECTION FIVE

LIMIT OF SUBMISSION

MAG CENTOCK CT

SECTION



PLANNING DEPARTMENT

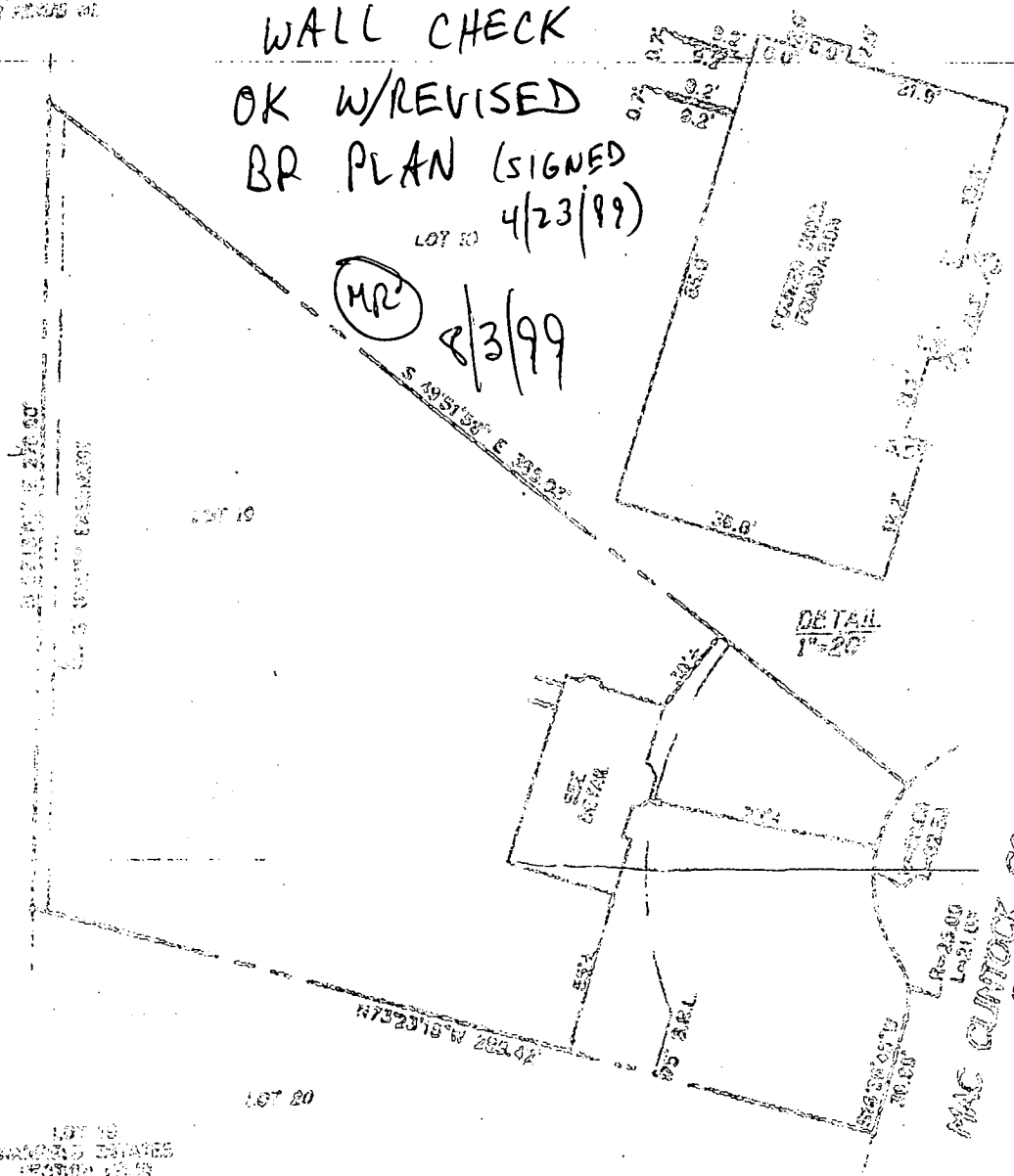
400 788 3253

THESE PLANS WERE PREPARED BY THE ARCHITECT AND THE ENGINEER AND THE ARCHITECT AND ENGINEER ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN NOR FOR THE COMPLETION OF THE PROJECT. THE ARCHITECT AND ENGINEER ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN NOR FOR THE COMPLETION OF THE PROJECT. THE ARCHITECT AND ENGINEER ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN NOR FOR THE COMPLETION OF THE PROJECT.

THESE PLANS WERE PREPARED FOR THE PURPOSE OF OBTAINING PERMITS AND THE ARCHITECT AND ENGINEER ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN NOR FOR THE COMPLETION OF THE PROJECT.

WALL CHECK
 OK W/REVISED
 BR PLAN (SIGNED
 4/23/99)

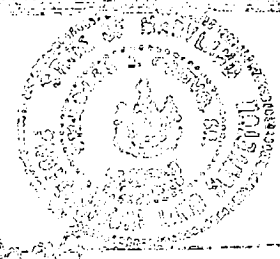
MR 8/3/99



LOT 19
 UNIMPROVED LOTS
 SECTION 1000

LOT 20

BOUNDARY PERMITS LINE



HOUSE LOCATION DRAWING

DATE: _____
 SCALE: _____
 DRAWN BY: _____
 CHECKED BY: _____

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Signature of Engineer: *[Signature]* DATE: 6/9/98

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY 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.

Signature of Developer: *[Signature]* DATE: 6-9-98

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

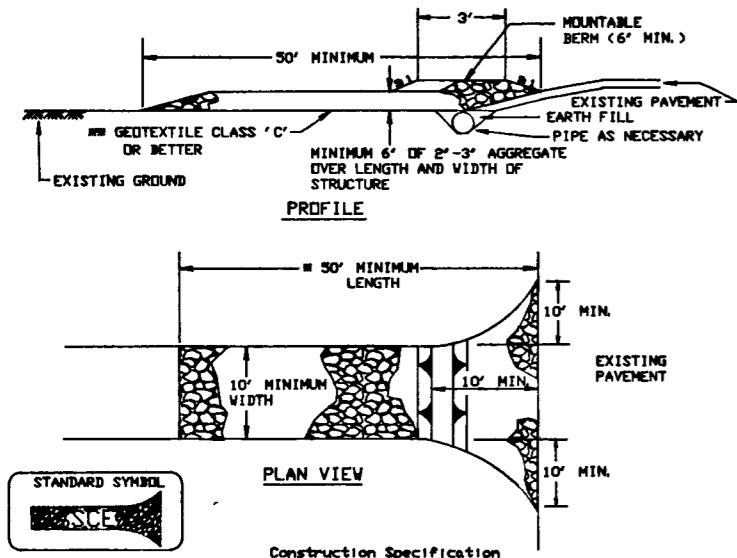
Signature: *[Signature]* DATE: 6/12/98

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

Signature: *[Signature]* DATE: 6/12/98

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 - TOTAL AREA OF SITE: 1.2748 ACRES
 - AREA DISTURBED: 0.31 ACRES
 - AREA TO BE ROOFED OR PAVED: 0.10 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.21 ACRES
 - TOTAL CUT: 100 CU.YDS.
 - TOTAL FILL: 500 CU.YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION: CU.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY OR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- Length - minimum of 50' (±30' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a reasonable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SDC is located at a high spot and has no drainage to convey a pipe will not be required. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2855

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE 500.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL./1000SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1986 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 9-20-20 FERTILIZER (4 LBS./1000 SQ.FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 38-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (1.5 LBS./1,000 SQ.FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.5 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (4 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE 500; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDED.

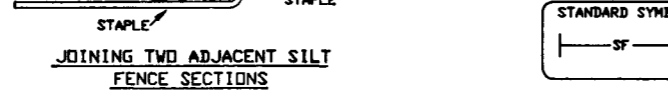
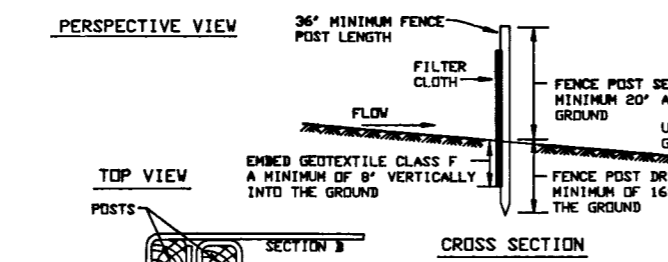
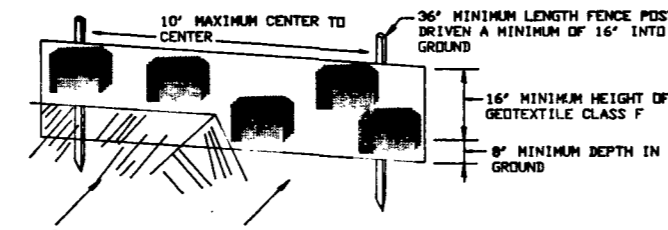
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1,000 SQ.FT.) FOR ANCHORING.

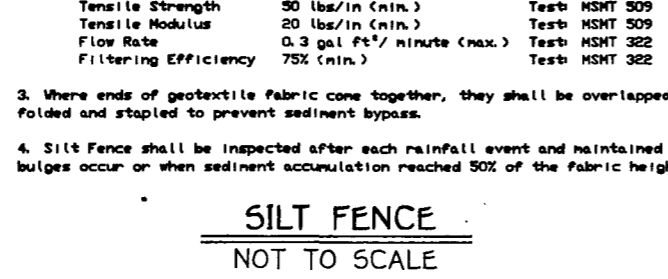
MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

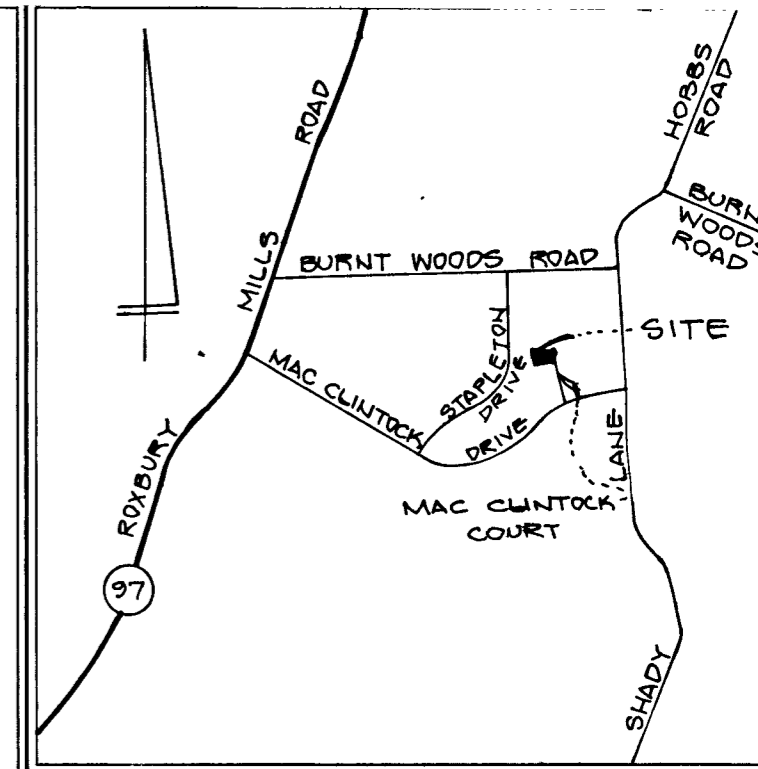
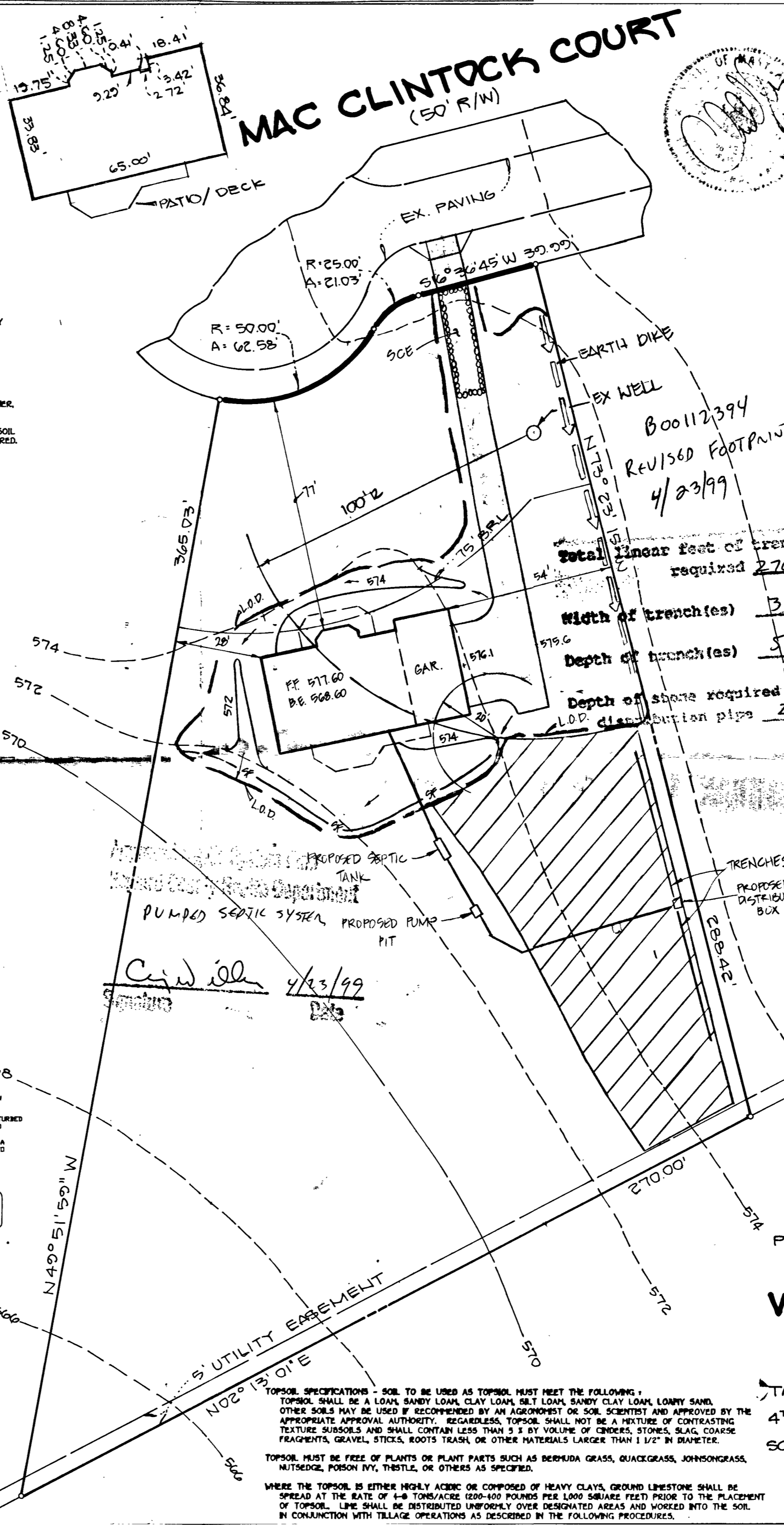
FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AT THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:
 - Tensile Strength: 30 lbs/in (min.) Test: NSHT 509
 - Tensile Modulus: 20 lbs/in (min.) Test: NSHT 509
 - Filter Rate: 0.3 gal. Fe/1 minute (max.) Test: NSHT 382
 - Flowing Efficiency: 75% (min.) Test: NSHT 382
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.



NOT TO SCALE
SILT FENCE
 NOT TO SCALE

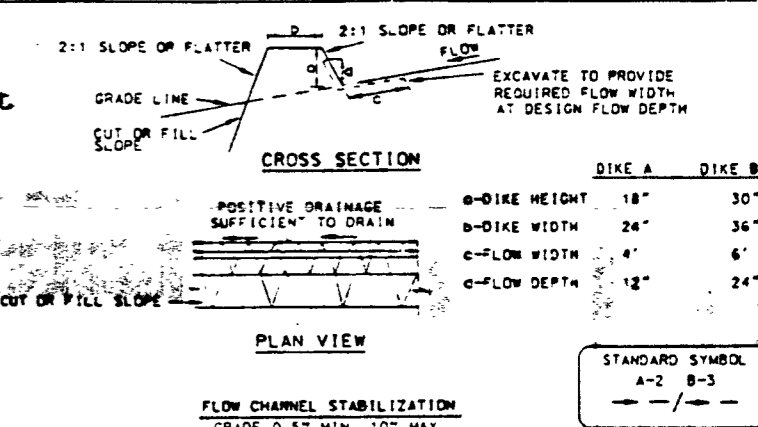


VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
- PROPOSED 1500 GALLON SEPTIC TANK. 577.00
- A. FIRST FLOOR ELEVATION: 528.60
- B. BASEMENT ELEVATION: 528.60
- C. INVERT OF SEPTIC SYSTEM AT HOUSE: 570.50
- D. INVERT IN AT SEPTIC TANK: 567.84
- E. INVERT OUT AT SEPTIC TANK: 569.54
- F. PROPOSED GRADE OVER SEPTIC TANK: 572.80
- G. INVERT AT DISTRIBUTION BOX: 572.44
- H. EXISTING GROUND OVER DISTRIBUTION BOX: 576.44
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

DETAIL 1 - EARTH DIKE



- Seed and cover with straw mulch.
- Seed and cover with Erosion Control Matting or lime with seed.
- 4" - 7" stone or recycled concrete equivalent pressed into the soil 1" minimum.

Construction Specifications

- All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.
- Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.
- Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.
- All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.
- The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
- Fill shall be compacted by earth moving equipment.
- All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.
- Inspection and maintenance must be provided periodically and after each rain event.

U.S. DEPARTMENT OF AGRICULTURE PAGE MARLAND DEPARTMENT OF ENVIRONMENT
 SOIL CONSERVATION SERVICE A-1-8 WATER MANAGEMENT ADMINISTRATION

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

WARFIELD ESTATES

SECTION FOUR
 LOT 19

TAX MAP NO. 21 PARCEL: 129
 4TH ELECTION DISTRICT HOWARD COUNTY, MD.

SCALE: 1"=30' DATE: MAY 20, 1998

REVISED APRIL 1999
 GP-78-195



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

July 31, 1998

MEMORANDUM

TO: Keith Fralic
Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, Maryland 21042

FROM: Craig Williams, Program Director
Water and Sewerage Program
Bureau of Environmental Health

RE: Review Comments
Percolation Certification Plat
Warfield's Estates - Lot 19
14519 MacClintock Court

COMMENT

In mid-June, 1998, we considered septic system plans for the above referenced property.

The area reserved for septic system installation on this property is strictly limited to the highest area "available" with respect to the location of the installed well.

We exchanged ideas; but, have yet to receive a final proposal for review and approval. Please submit same at your earliest convenience.

Also, this office has received the building permit application for the above referenced property; but, cannot recommend approval until this issue has been resolved.

CW:jr

cc: Tim Jacobsen
File

SUITABLE PLAN RECEIVED,
BP SIGNED &
RETURNED
8/10/98
THANK YOU,
Craig Williams

NOTE - TOP SEALED SEPTIC TANK
AND PUMP PIT
HAVE BEEN SPECIFIED
BECAUSE OF SHALLOW
DEPTH TO GROUNDWATER
AT TANK/PUMP PIT
LOCATION. (CW)



JACOBSEN HOMES

6-8 50.00
7804 + cash
CR # 21023
4-5-99

CC P+Z
Health
Plan Servis

60-70
not issued

PERMITS Please sign off on computer
OFFICE SET
THIS CHANGE TO BE RESUBMITTED TO THE FULL S.R.K. 3/3/99

PROCESS
COMPLETED
TO KEVIN
PERMITTED
1999 APR - 5 PM
LICENSED
PERMITTED
PUBLIC
(CW)

March 25, 1999

4/23/99 THIS
NEW HOUSE FOOTPRINT
ACCEPTED,
BUT IN A ~~NEW~~ LOCATION
DIFFERENT LOCATION

Director of Finance-Howard County
Department of Inspections, Licenses and Permits
C/O Avis Corbin
3430 Courthouse Drive
Ellicott City, Maryland 21043

Mr. Corbin

Attached please find Resubmitted House Plans for New House Type and New Site Plans for Permit # B00112391 and Site Plan # GP98-195.

This is a Single Family Dwelling. The Property is located at Lot #19 Warfield Estates. The street address is 14519 McClintock Court, Glenwood, MD 21738.

Enclosed is a check for the \$25.00 fee. If you have any questions, please feel free to contact me.

4/7/99

BUILDER ADVISED:
NEW HOUSE FOOTPRINT
UNACCEPTABLE
BECAUSE IT HAS ALSO
BEEN SLID UPHILL
MAKING IT TOO CLOSE TO
SEPTIC AREA.

Respectfully,

Carl K. Jacobsen/Manager

BUILDER AGREES TO SUBMIT
NEW PLAN OF THIS NEW FOOTPRINT,
BUT AT ORIGINALLY APPROVED
LOCATION - THAT'S OK.

(CW)

C1 3650

SEQUENCE NO. (DENY 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 ALL CARDS)

COUNTY NUMBER A 14912

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for ST/CO USE ONLY DATE Received

04/8/95

2205 (TO NEAREST FOOT)

HO-99-0433

OWNER: Jacobsen Homes; last name: MacClintock; first name: [blank]; TOWN: Glenwood; SUBDIVISION: Warfield Estates; SECTION: [blank]; LOT: 19

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries for SAND Stone and GRAY mica Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 10, NO. OF POUNDS: 940, GALLONS OF WATER: 60, DEPTH OF GROUT SEAL: from 0 to 28 ft.

CASING RECORD: casing types (ST, CO, PL, OT), MAIN CASING TYPE: ST, Nominal diameter: 6 inch, Total depth: 37 feet.

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD: screen type (ST, BR, HO, PL, OT), DEPTH (nearest ft.) table with values 110, 29, 205.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED: YES (Y), NO (N).

CIRCLE APPROPRIATE LETTER: A (WELL ABANDONED AND SEALED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION WELL).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 28.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

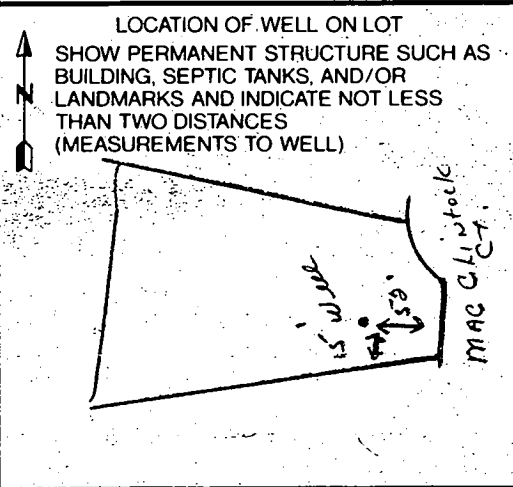
DRILLERS IDENT. NO. 24; DRILLERS SIGNATURE: Joseph L. Thayne

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) table with columns T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED: 3; PUMPING RATE: 12 gal. per min.; METHOD USED TO MEASURE PUMPING RATE: Bucket; WATER LEVEL: BEFORE PUMPING 25, WHEN PUMPING 15; TYPE OF PUMP USED: S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO); TYPE OF PUMP INSTALLED: [blank]; CAPACITY: GALLONS PER MINUTE [blank]; PUMP HORSE POWER [blank]; PUMP COLUMN LENGTH [blank]; CASING HEIGHT: above/below LAND SURFACE 2 (nearest foot).



COUNTY

B 1 **4495** SEQUENCE NO. (DP USE ONLY)

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

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type.

STATE PERMIT NUMBER
HO-94-0433
fill in this form completely

OWNER INFORMATION

Date Received (APA) **032295**

JACOBSEN HOMES
Last Name Owner First Name

9409 ELIZABETH CT
Street or RFD

FULTON MD 20759
Town State Zip

B 3 LOCATION OF WELL

HOWARD COUNTY

WARFIELD ESTATES SUBDIVISION

SECTION **19** LOT **19**

GLENWOOD NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** MI

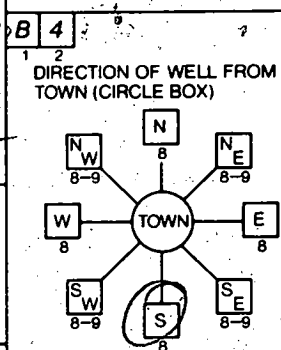
DRILLER INFORMATION MSD/MGD/MWD

Joseph L. Mayne License No. **24**

Joseph L. Mayne Well Drilling Firm Name

5512 RIDGE RD. MT. AIRY 21771 Address

Joseph Mayne Signature **3/24/95** Date



MacClintock Dr. Ct NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

55 DISTANCE FROM ROAD ENTER FT OR MI **FT**

TAX MAP: _____ BLK: _____ PARCEL _____

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 **A 14912** COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED **040595** INSERT S **41**

Paul W. [Signature] CO SIGNATURE **4/5/96** EXP DATE

NORTH GRID **527000** EAST GRID **0973000**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** 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 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- CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

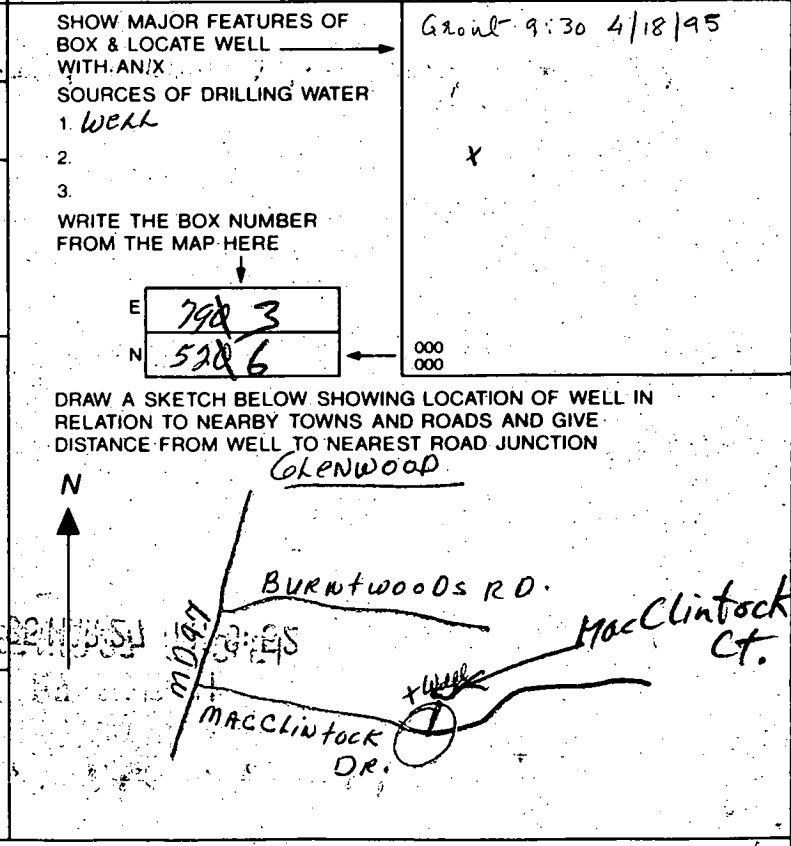
THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER **G A P**

FORCE **R** PERMIT No. **HO-94-0433**



SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

COUNTY _____

10/18/99 WPI a.m.

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-N Ellicott Mills Drive
Ellicott City, MD 21043
410-313-2640

103132648

410 313 2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer Ben Lawrence

Telephone 301-828-8390

License Number 11302

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Jacques House

Telephone 301-828-2033

Subdivision Wheatfield East Lot # 19 Well Tag # _____

Site Address 14519 MacArthur Dr

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make Sartorius
- 3. Model # _____
- 4. Capacity _____ GPM
- 5. Pump exceeds well capacity Yes No _____
- 6. If Yes, is low pressure cutoff switch installed? Yes No _____
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards _____ Other _____

Motor

- 1. Horsepower 1/3
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make _____
- 2. Model # _____
- 3. Depth 4'

Tank

- 1. Capacity 180
- 2. Pressure relief valve? yes

Piping

- 1. Type 1/2" 160
- 2. Size 1"
- 3. NSF and/or BOCA Code approved yes
- 4. Depth of supply line _____

Well data

- 1. Depth 24'
- 2. Yield _____ GPM
- 3. Static water level 30'
- 4. Will water supply be discontinued by installer? yes

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

10/18/99
WPI OK - PVC conduit & GROUT OK - WPI 4.0' below grade

Signature of Applicant: [Signature]

Date: _____

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.