

11/14/94
AM

PERMIT

05 413400

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

P 50427 G

A 40786

DISTRICT 5th

DATE 12/5/94

DATE SYSTEM APPROVED 11/14/94

INSPECTOR DKS

INDEXED

Jack fyock Septic Service

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS _____ PHONE 988-9270

SUBDIVISION The Warfields LOT 22 ROAD 14819 Sapling Way

PROPERTY OWNER Elmer & Ann Travis

ADDRESS _____

BUILDING PERMIT SIGNED

AND RETURNED

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

5-405 BOD 153540 - POOL HOUSE
5-405 BOD 153435 - POOL HOUSE

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 4½ feet below original grade. Effective area begins at 2½ feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 110 feet from front property line (84.83') curve of Cul-de-sac) and 70 feet from right (366.86') property line. Install trenches on contour in both directions away from distribution box towards the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 11/2/94 DKS

PLANS APPROVED BY Ronald J. Pinkley DATE 09/18/94

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

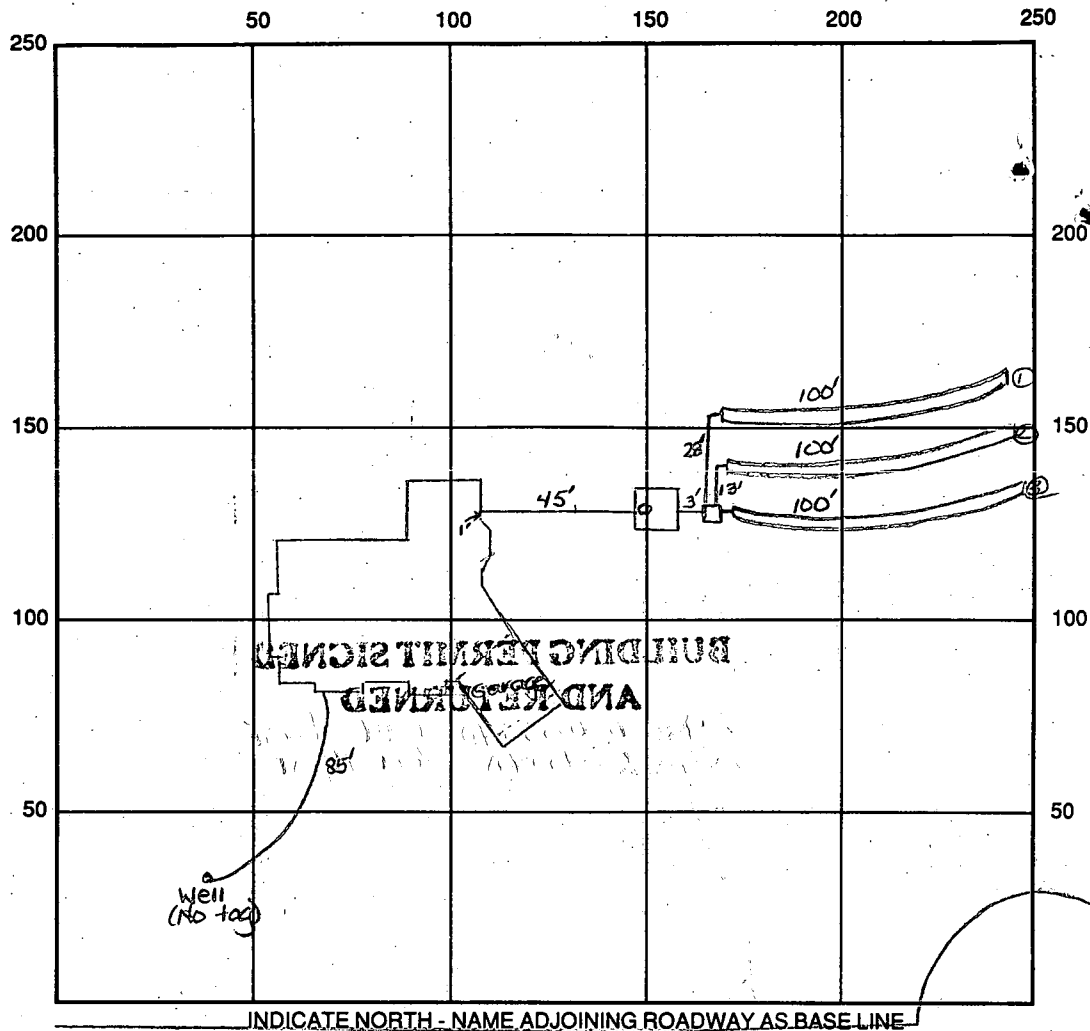
PERMIT VOID AFTER TWO YEARS

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 40786



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Sapling Way

SEPTIC TANK LEVEL OK - 1500 gal

CLEANOUTS

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 4.5 FT.

TRENCH WIDTH 3 FT.

INLET DEPTH 2.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT.

TOTAL LENGTH ①100 ②100 FT. → 300' total

NUMBER OF TRENCHES 3

~~ONE SIDEWALL~~ / BOTTOM AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER FT.

EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 900 SQ. FT.

REMARKS: 11/14/94 Final - OK to cover all work. DKS

11/14/94 WPI OK, but no well tag on well. Pitless adapter
4.5' below grade. DKS

DATE SYSTEM APPROVED 11/14/94

INSPECTOR

Sandra K. [Signature]

APPLICATION

PERCOLATION TESTING

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

A 40786

P _____

DISTRICT 5th

DATE 12/1/87

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 Kennard Warfield Jr. ELMER & ANN TRAVIS

ADDRESS 14663 Triadelphia Rd PHONE 410-531-5663
442-2337

PROSPECTIVE BUYER N/A

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ~~Sapling Range~~ THE WARFIELDS LOT NO. 21 LOT 22 Preliminary

ROAD AND DESCRIPTION 14600 Triadelphia Rd just west of Howard Rd
14819 Sapling Way

TAX MAP 27 PARCEL # 56

SIZE OF LOT 3 acres TYPE BLDG. SFD propanetank

BLDG. PERMIT SIGNED

AND RETURNED 1/3/95

Serial # 57994

(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. Mark D Reil
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-2-88 PERC SATISFACTORY - HOLD FOR Subdivision Plat S&W

BLDG. PERMIT SIGNED

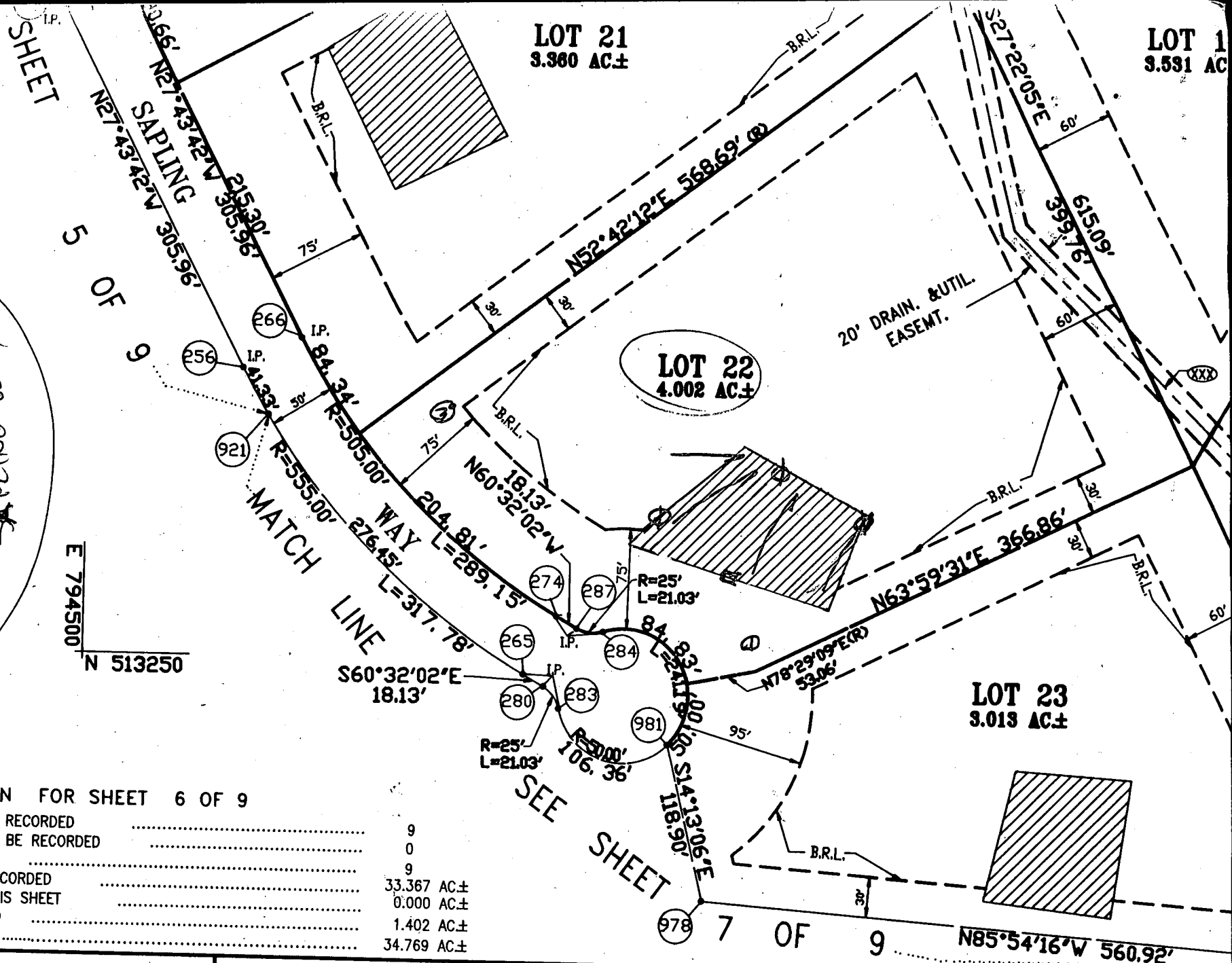
AND RETURNED 10/12/94

Serial # 56513

SFD

THIS IS NOT A PERMIT

The Warfields
Lot 22
F 89-231
WATER WAY
SAPLING WAY



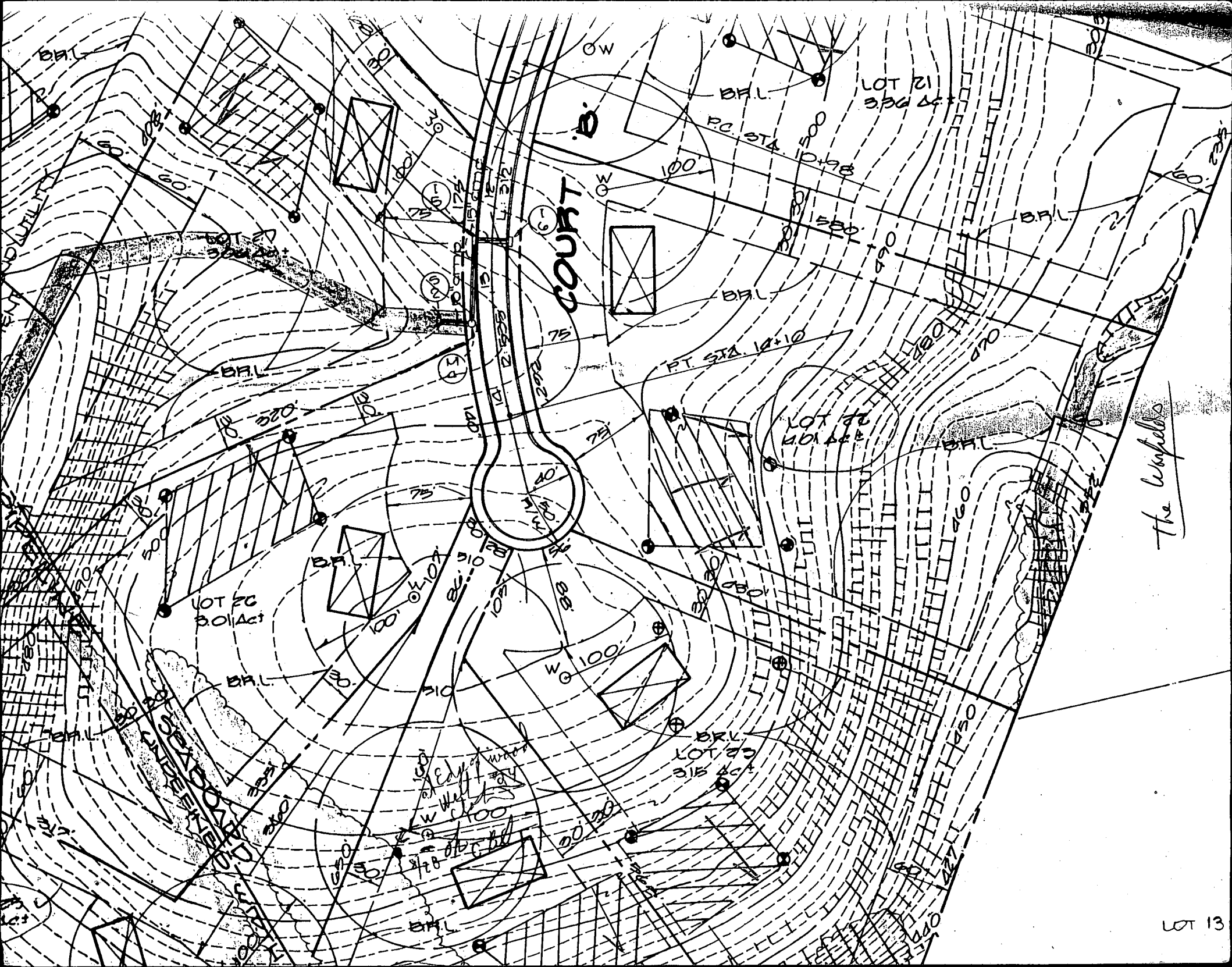
AREA TABULATION FOR SHEET 6 OF 9

OF BUILDABLE LOTS TO BE RECORDED	9
OF OPEN SPACE LOTS TO BE RECORDED	0
OF LOTS TO BE RECORDED	9
OF BUILDABLE LOTS TO BE RECORDED	33.367 AC±
OF 100 YEAR FLOOD PLAIN THIS SHEET	0.000 AC±
OF ROADWAY TO BE RECORDED	1.402 AC±
OF OPEN SPACE TO BE RECORDED THIS SHEET	34.769 AC±

FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF THE ENVIRONMENT.

OWNER'S CERTIFICATE

I, KENNARD WARFIELD, JR., AND KENNARD WARFIELD, JR., t/a WARFIELD BROTHERS, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPLICATION OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTIONS AND GRANT UNTO HOWARD COUNTY, MARYLAND ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL LOTS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS AS SHOWN HEREON; (2) THE RIGHT TO RELOCATE



20' DRAINAGE AND
UTILITY EASEMENT

SCALE: 1"=100'

S27°22'03"E

399.76'

LOT 22

N 82°42'12"E

568.61' (R)

30' 30' 30'

716.15' 30' N

PRIVATE SEWAGE EASEMENT

N78°29'09"E (R), 53.06'

R=50.00', L=84.83'

R=25.00', L=21.03'

N60°32'02"W, 18.13'

L=204.81'

SAPLING WAY
(50' R/W)

R=505.00'

PROPOSED WELL
LOCATION

B.R.L.

30'

20' 1/2

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

30'

well site OK
as stated
pf 9/8/94



BRL - BUILDING RESTRICTION LINE

Subject property is shown in Zone C
on the National Flood Insurance Program
Flood Insurance Rate Map of Howard
County, Maryland, Panel No. 25 of 45
Community Panel No. 24004400325 B
Effective date: December 4, 1986

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

7171 BALTIMORE NATIONAL PIKE, SUITE 100

ELLICOTT CITY, MARYLAND 21042

TELEPHONE: (410) 461-0355

FAX: (410) 750-3784

THE WARFIELDS

LOT 22

FIFTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

MARCH 17, 1993

SCALE: 1"=100' PLAT # 9586

CT 4556

SEQUENCE NO.
(DENY USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A 40786

(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)ST/CO USE ONLY
DATE RECEIVED

8 13

DATE WELL COMPLETED

092394

Depth of Well

22 185 26
(TO NEAREST FOOT)PERMIT NO.
FROM "PERMIT TO DRILL WELL"

40-29-0205

OWNER

STREET OR RFD

SUBDIVISION

Sunrise Homes
last name

Sepling Way

first name

TOWN

Glenely

SECTION

LOT

22

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS
PENETRATED, THEIR COLOR, DEPTH,
THICKNESS AND IF WATER BEARINGDESCRIPTION (Use
additional sheets if needed)

FEET

FROM

TO

Check
if water
bearing

Top Soil

0 2

Sandy

2 11

Sand Stone

11 15

MICKA

15 38

Sand Stone

38 40

MICKA

40 95

Sand Stone

95 100

MICKA

100 140

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY
WHERE SATURATED FRACTURES WERE OBSERVED.

WELL HYDROFRACTURED

yes
Yno
N

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
WELLI 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 PRE-
SENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF
MY KNOWLEDGE.

DRILLERS IDENT. NO.

116

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes
Yno
N

TYPE OF GROUTING MATERIAL

CEMENT

BENTONITE CLAY

NO. OF BAGS

NO. OF ROUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 22 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST

CO

STEEL

CONCRETE

PL

OT

PLASTIC

OTHER

MAIN
CASING
TYPENominal diameter
top (main) casing
(nearest inch)Total depth
of main casing
(nearest foot)

PL

6

24

OTHER CASING (if used)

EACH
CASING
SCREENdiameter
inchdepth (feet)
from toscreen type
or open holeinsert
appropriate
code
below

SCREEN RECORD

ST

BR

HO

STEEL

BRASS

OPEN

PL

OT

HOLE

PLASTIC

OTHER

C2

EACH
CASING
SCREENDEPTH (nearest ft.)
22 185

SLOT SIZE 1 2 3

DIAMETER
OF SCREEN(NEAREST
INCH)

from to

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL: INSERT
F IN BOX 68MDE USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T

(E.R.O.S.)

70

72

TELESCOPE
CASINGLOG
INDICATOR

W Q

OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.
to nearest gal.)METHOD USED TO
MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test)

A air

P piston

T turbine

C centrifugal

R rotary

O other
(describe below)

J jet

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)

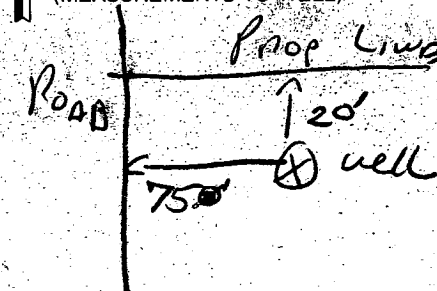
+ above

- below

LAND SURFACE

(nearest
foot)

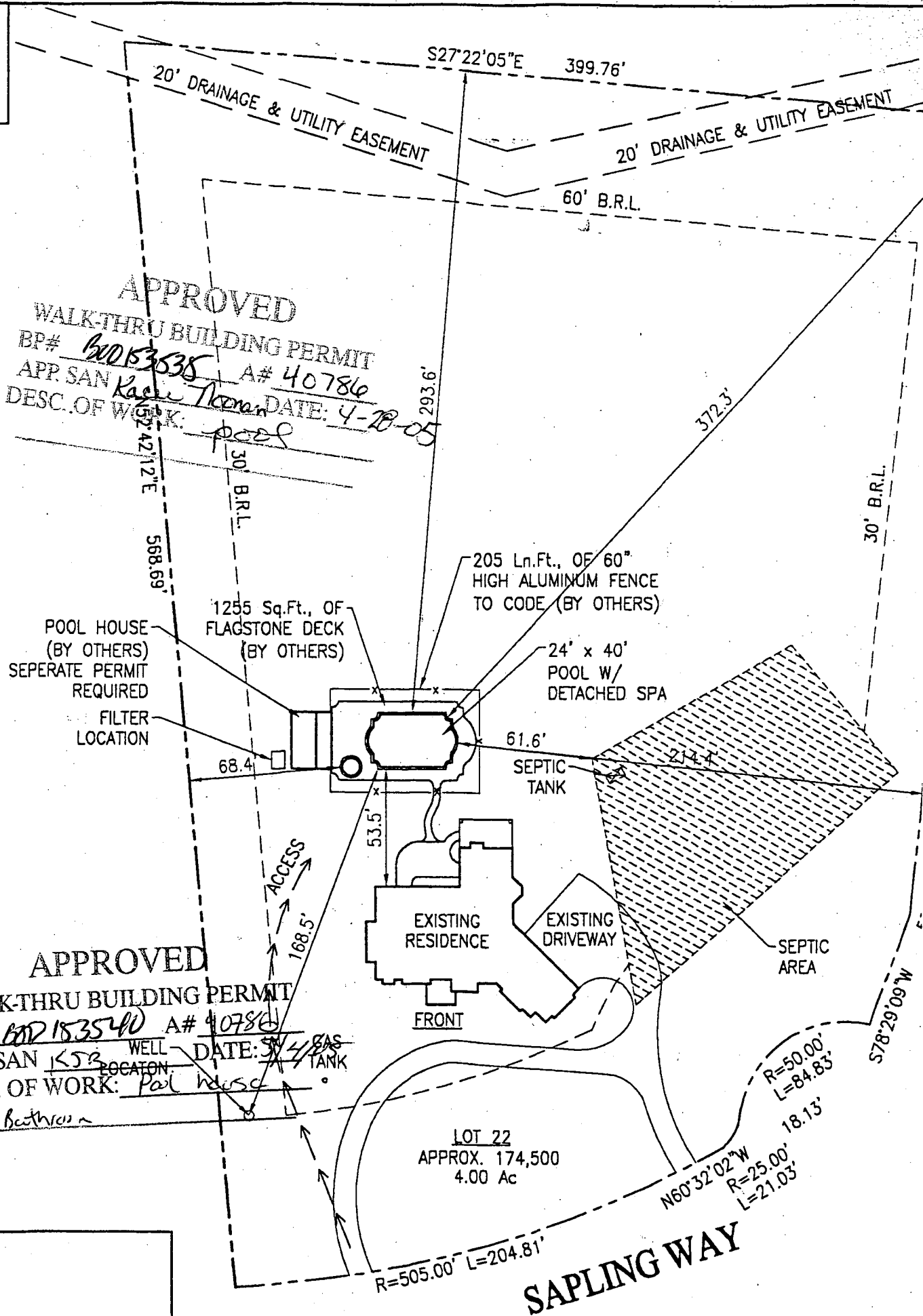
LOCATION OF WELL ON LOT

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

COUNTY

BACKS:

R FL. 50'
E FL. 30'
JSE 10'
TIC 20'
L 30'



APPROVED

WALK-THRU BUILDING PERMIT

BP# 600153540 A# 40786

APP. SAN KJR DATE: 5/4/05

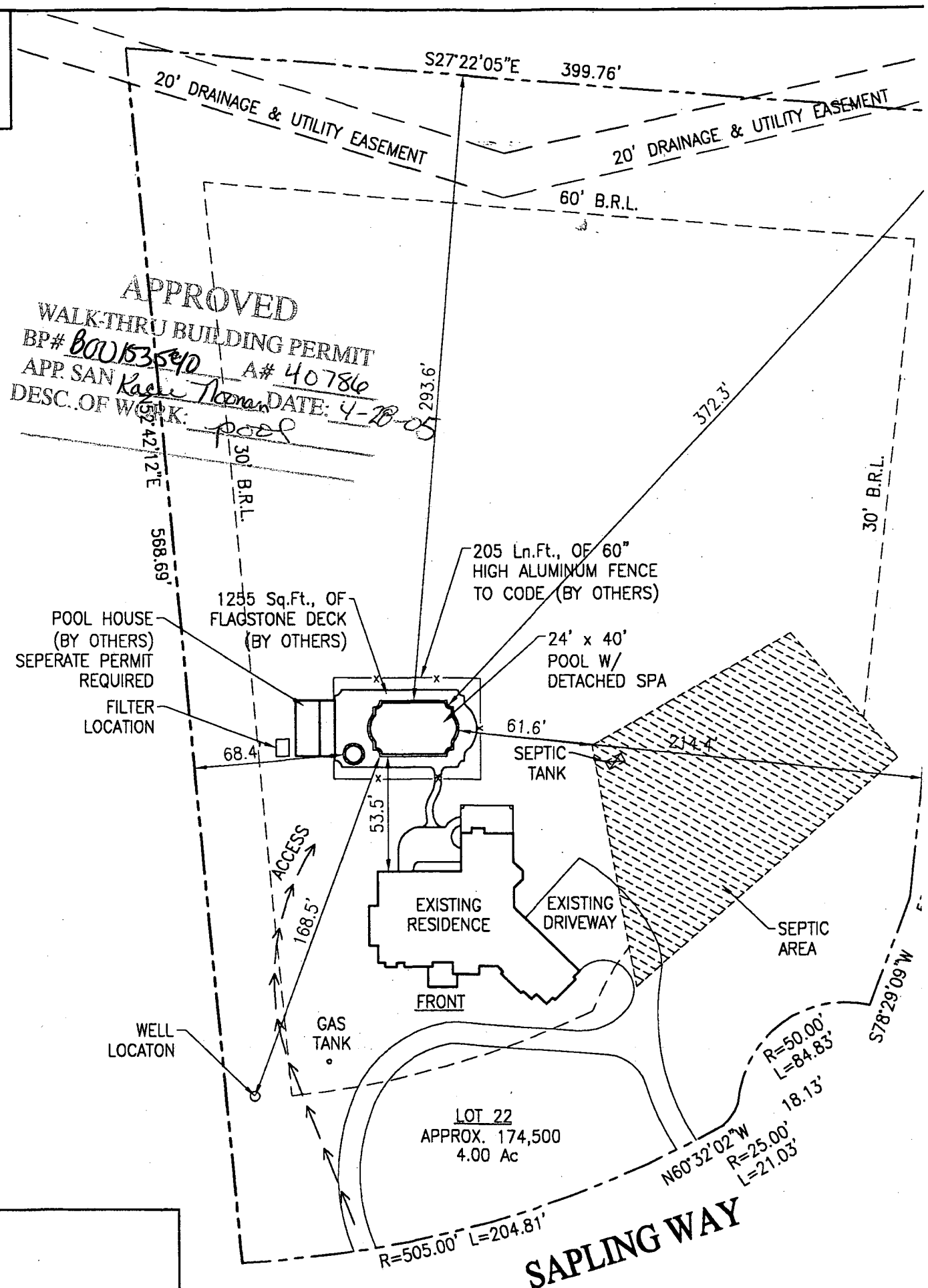
DESC. OF WORK: Pool house

NO Bathroom

SIGNS:

00/00/00

BACKS:	
R PL.	50'
E PL.	30'
JSE	10'
'TIC	20'
L	30'



SIGNS:
 00/00/00

NOTE:

THE HOWARD COUNTY HEALTH DEPARTMENT
HAS APPROVED THE RELOCATED PERC AREA
PER A MEETING HELD BETWEEN MR. CRAIG WILLIAMS
AND MR. DAVE JOHNSON ON SEPTEMBER 15, 1994.

SHOWN ON PLAN.
ID STABILIZE THE SITE.

NO PERMISSION IS GRANTED FROM
OR, REMOVE SEDIMENT CONTROLS
DISTURBED AREAS.

ONLY TO BE REDISTURBED
IS NEEDED.

RAKING, DISCING
SEEDING.

1/2 TON PER 1000 SQ. FT.)

1. 30. AND AUGUST
2. 1/2 BUSHEL PER ANNUAL
3. MAY 1 THRU AUGUST 14.
4. GRASS 107 LBS/1000SQ.FT.
5. JUNE 28. PROTECT SITE BY
CHORED STRAW MULCH AND
ING. OR USE 500.

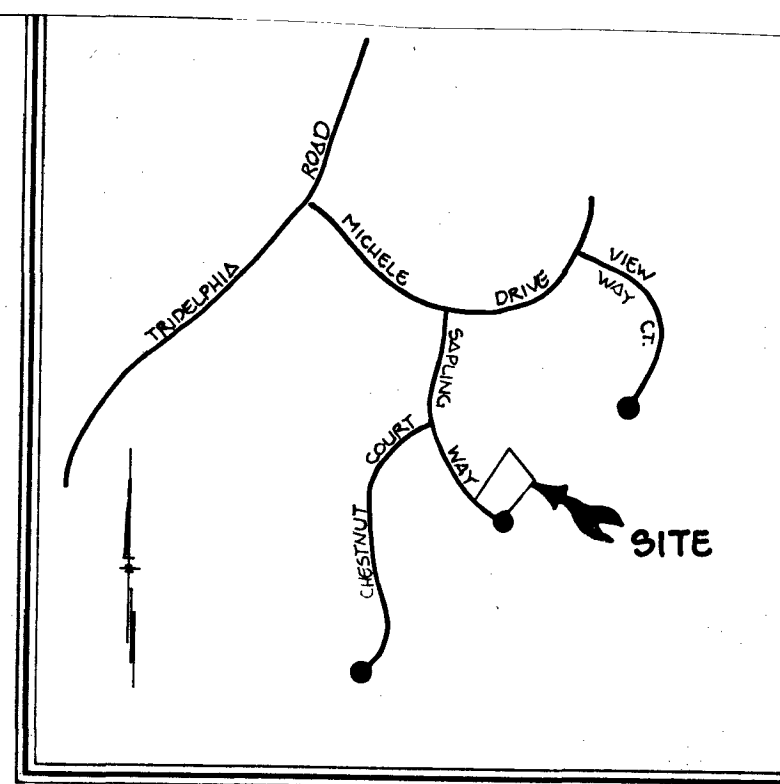
0. 90 LBS./1000 SQ.FT.)
1. NATELY AFTER SEEDING.
2. CATION USING MULCH
3. CRE (5 GAL./1000 SQ.FT.)
4. ON SLOPES 8 FEET OR HIGHER,
5. 7 SQ.FT.) FOR ANCHORING.

5. AND SPECIFICATION FOR SOIL
6. E AND METHODS NOT COVERED.

Approved Septic System Plan Howard County Health Department

Sam M. Miller 10-12-94
Signature Date

EX. DRAINAGE AND
UTILITY EASEMENT



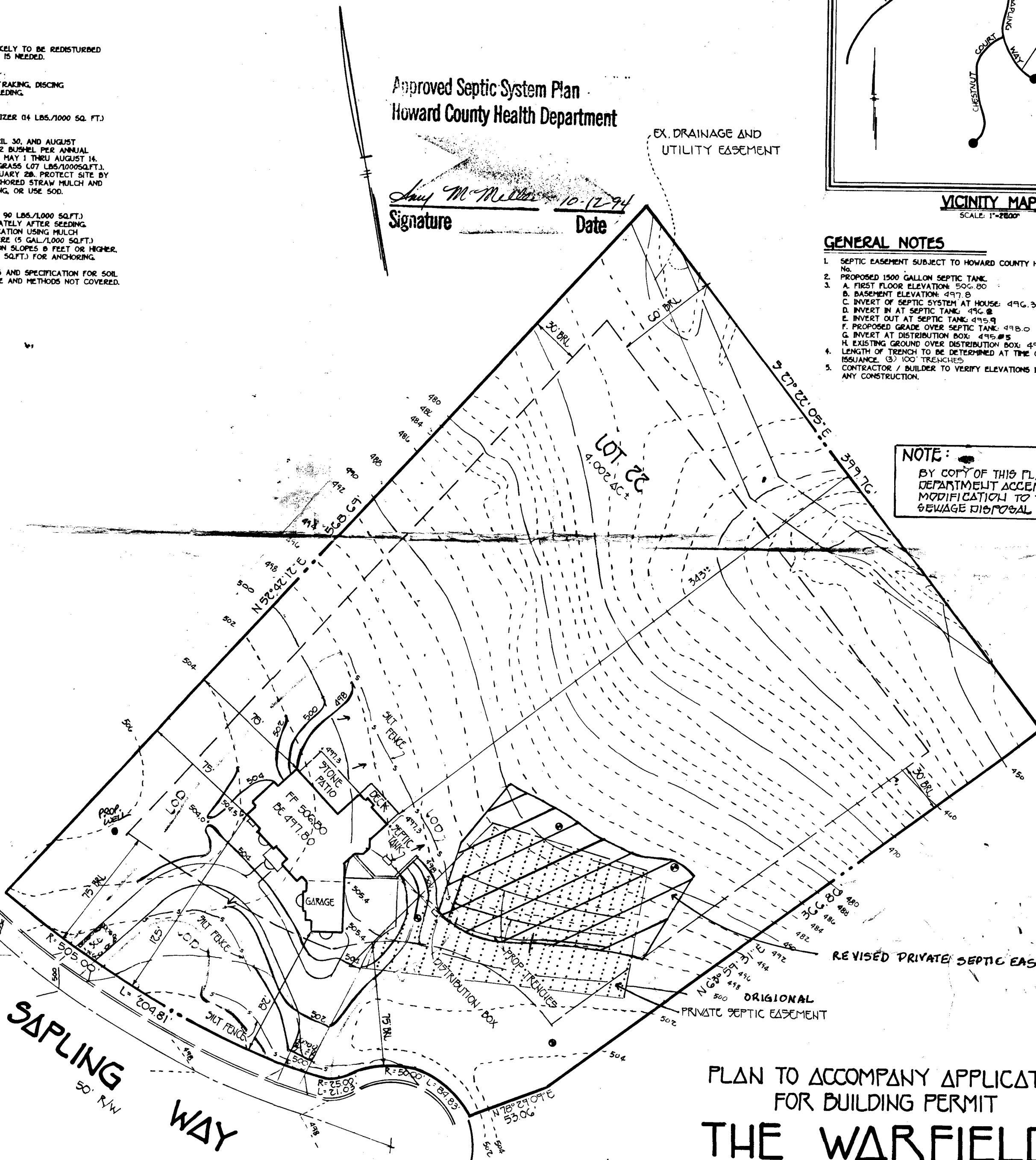
VICINITY MAP
SCALE: 1"=200'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 506.80
B. BASEMENT ELEVATION: 497.8
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 496.3
D. INVERT IN AT SEPTIC TANK: 496.8
E. INVERT OUT AT SEPTIC TANK: 495.9
F. PROPOSED GRADE OVER SEPTIC TANK: 498.0
G. INVERT AT DISTRIBUTION BOX: 495.85
H. EXISTING GROUND OVER DISTRIBUTION BOX: 498.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE. (3) 100' TRENCHES.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

NOTE:

BY COPY OF THIS PLAN THE HEALTH
DEPARTMENT ACCEPTS THIS
MODIFICATION TO THE RECORDED
SEWAGE DISPOSAL EASEMENT.



PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT THE WARFIELDS LOT 22

FIFTH ELECTION DIST.

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50'

DATE: SEPTEMBER 12, 1994

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

DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES 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 OF DEVELOPER

DATE

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

U.S. SOIL CONSERVATION DISTRICT

DATE

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

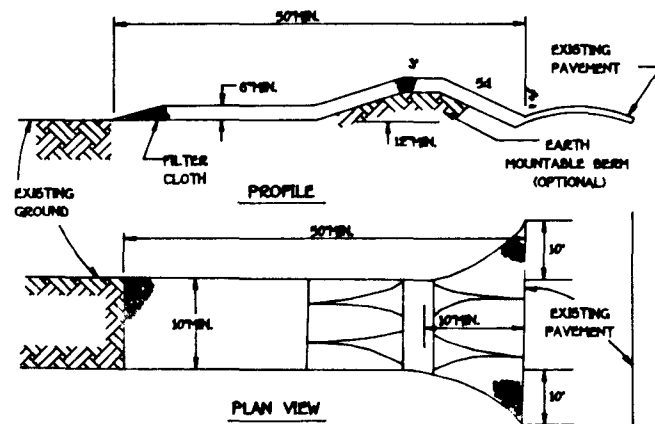
DISTRICT HOWARD SOIL CONSERVATION DIST.

DATE

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL GREATER THAN 31. 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50) AND TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 50). 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	4.002 ACRES
AREA TO BE ROOFED OR PAVED	0.68 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.41 ACRES
TOTAL CUT	CU.YDS.
TOTAL FILL	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION	CU.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR 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 DPW 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 SEDIMENT CONTROL STRUCTURES, 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.



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 1/2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- THICKNESS - NOT LESS THAN 6 INCHES.
- WIDTH - TEN (10) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A PORTABLE BERM WITH 5% SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND FOR CLEANOUT OF ANY DEBRIS USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

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 RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 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 (07 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 SOD.

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 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 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 RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIME (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE 0.5 LBS./1000 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 (2.3 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS./ACRE (1.4 LBS./1000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 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 SOD. 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.

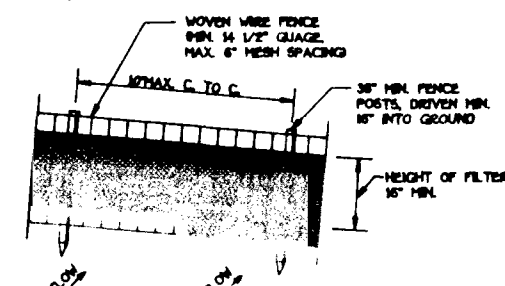
MULCHING

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 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

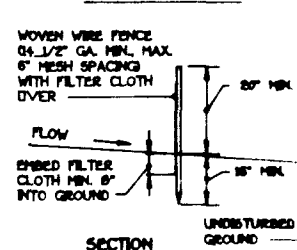
MAINTENANCE

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

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



SECTION



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "MUDS" DEVELOP IN THE SILT FENCE.

SILT FENCE

NOT TO SCALE

NOTE:

THE HOWARD COUNTY HEALTH DEPARTMENT HAS APPROVED THE RELOCATED PERC AREA PER A MEETING HELD BETWEEN MR. CRAIG WILLIAMS AND MR. DAVE JOHNSON ON SEPTEMBER 15, 1994.

SEPTIC AREA CHANGE IS OK BUT THE METHOD OF NOTE IS WRONG. SHOW ORIGINAL VS. MODIFIED AREA. EX. DRAINAGE AND UTILITY EASEMENT. SITE PLAN, HEALTH DEPT. HAS---

1 SHOW ORIGINAL VS. MODIFIED AREA. EX. DRAINAGE AND UTILITY EASEMENT. SITE PLAN, HEALTH DEPT. HAS---

2 SAY "BY VIRTUE OF APPROVAL OF THIS" SUPPORTED.

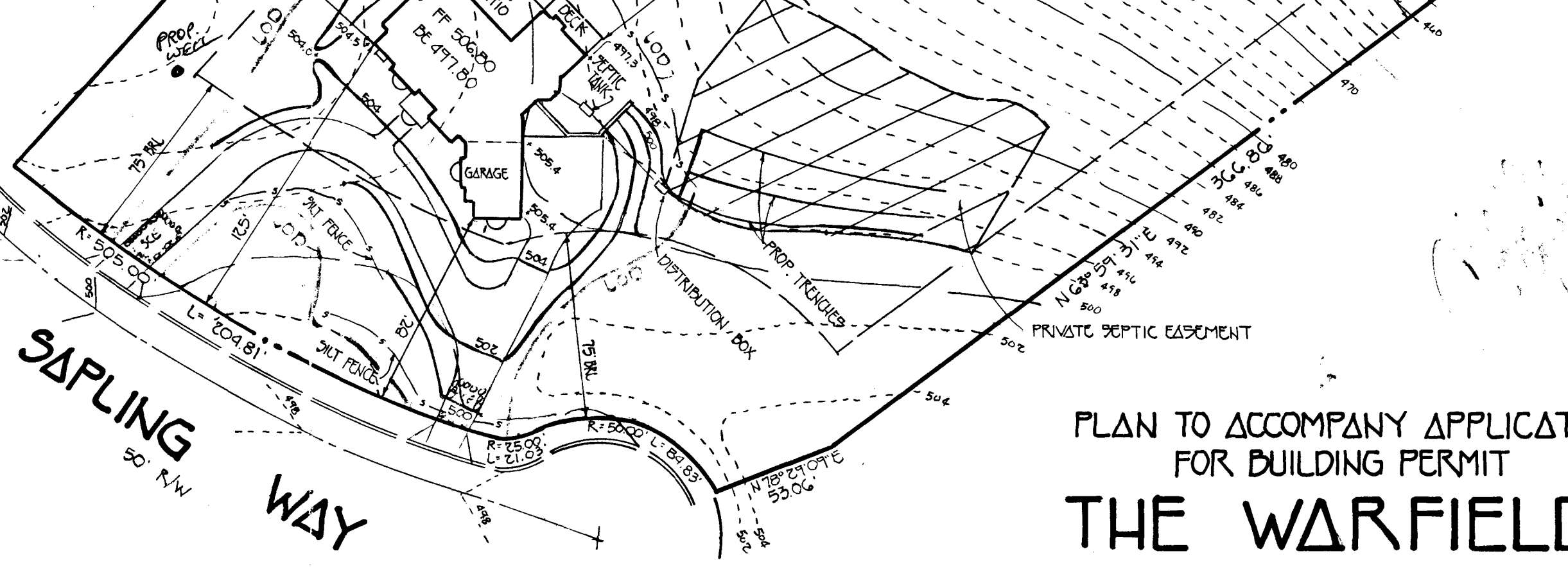
3 SHOW THE TEST HOLE

VICINITY MAP

SCALE: 1"=250'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- No.
- PROPOSED 1500 GALLON SEPTIC TANK. A. FIRST FLOOR ELEVATION: 504.80 B. BASEMENT ELEVATION: 497.8 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 496.3 D. INVERT IN AT SEPTIC TANK: 496.0 E. INVERT OUT AT SEPTIC TANK: 495.7 F. PROPOSED GRADE OVER SEPTIC TANK: 498.0 G. INVERT AT DISTRIBUTION BOX: 495.0 H. EXISTING GROUND OVER DISTRIBUTION BOX: 498.0 I. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE. J. 100' TRENCHES
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.



PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT

THE WARFIELDS

LOT 22

FIFTH ELECTION DIST.

HOWARD COUNTY, MARYLAND

SCALE: 1" = 50'

DATE: SEPTEMBER 12, 1994

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

9171 BALTIMORE NATIONAL PIER, SUITE 100

ELICOTT CITY, MARYLAND 21042

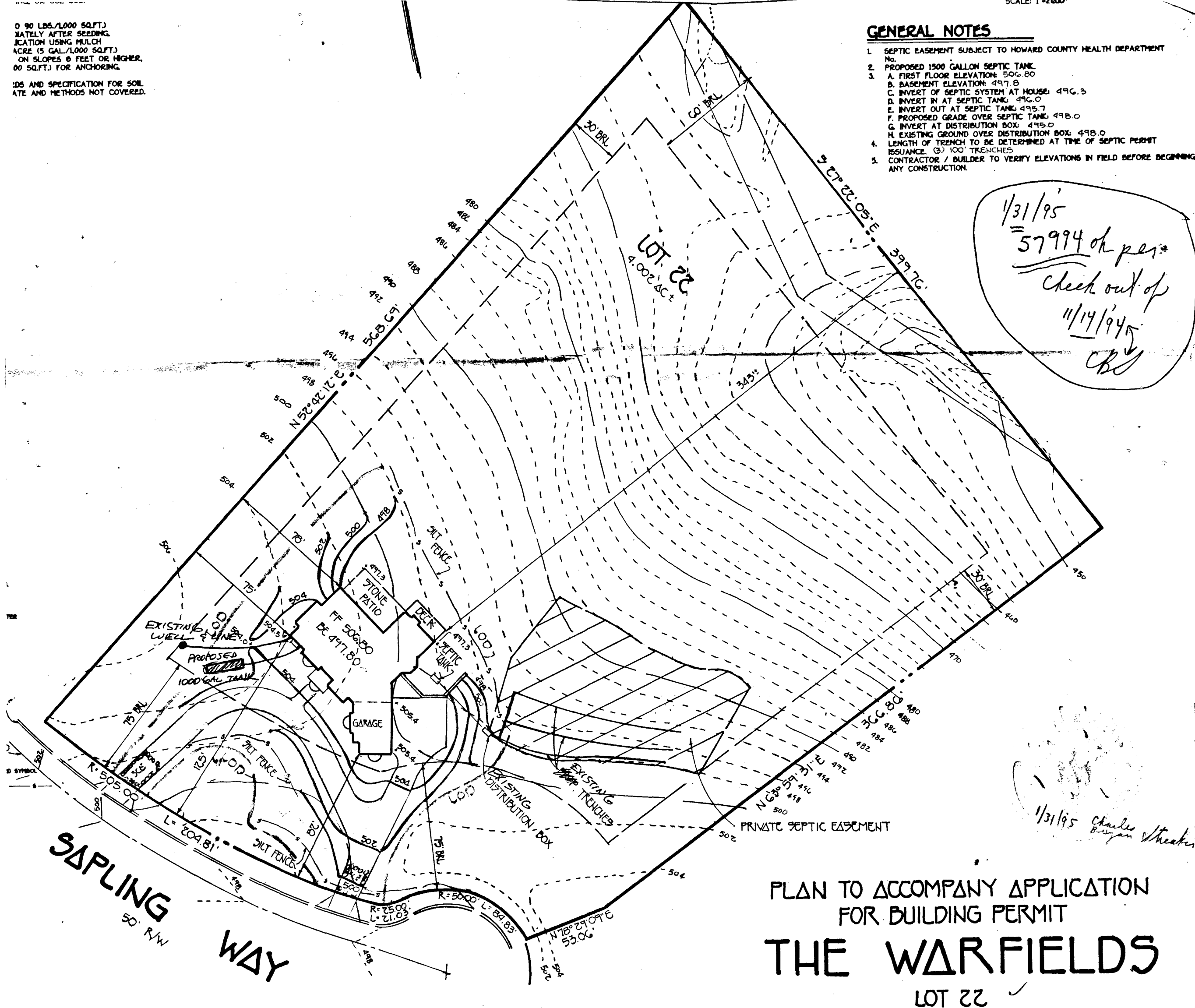
0.90 LBS./1,000 SQ.FT.)
 IMMEDIATELY AFTER SEEDING.
 APPLICATION USING MULCH
 1 GALLON (5 GAL./1,000 SQ.FT.)
 ON SLOPES 6 FEET OR HIGHER.
 100 SQ.FT.) FOR ANCHORING.

DESIGN AND SPECIFICATION FOR SOIL
 TREATMENT AND METHODS NOT COVERED.

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK
3. A. FIRST FLOOR ELEVATION: 506.80
 B. BASEMENT ELEVATION: 497.8
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 496.3
 D. INVERT IN AT SEPTIC TANK: 496.0
 E. INVERT OUT AT SEPTIC TANK: 495.7
 F. PROPOSED GRADE OVER SEPTIC TANK: 498.0
 G. INVERT AT DISTRIBUTION BOX: 495.0
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 498.0
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE (3) 100' TRENCHES
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

1/31/95
 57994 ok per
 check out of
 11/14/94
 CBJ



1/31/95 Charles
 Benjamin Shearer