

6/17/97
1:00 C.O.
6/23/97
3/11/98 2:00
PUMP INSP

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 58489-B

A 49069

DISTRICT 4th

DATE 6/3/97

DATE SYSTEM APPROVED 3/11/98

INSPECTOR M. Ripkin

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXX-9933~~ 313-2640

INDEXED

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 410-795-7873

SUBDIVISION Walnut Springs LOT 24 ROAD 1201 Emmaus Road

PROPERTY OWNER Charles and Carol Schroyer

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS TOP SEAM TANK

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

*****PUMPED SEPTIC SYSTEM*****

INSTALL: 1-1000 Gallon Pump Chamber with Single or Dual Effluent Pumps, Controls and Alarms. Pump Chamber to be top seam tank. Contractor to supply pump detail prior to issuance of septic permit.

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 240 feet down the right lot line and 135 feet off the same lot line as seen when facing the lot from Emmaus Road. Run trenches on contour towards the rear 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 km 5/5/97

BUILDING PERMIT SIGNED

PLANS APPROVED BY Donna K. Soe/Glen Savage **AND RETURNED 5-22-97** DATE 4/30/97

BUD 136403 - DECK

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

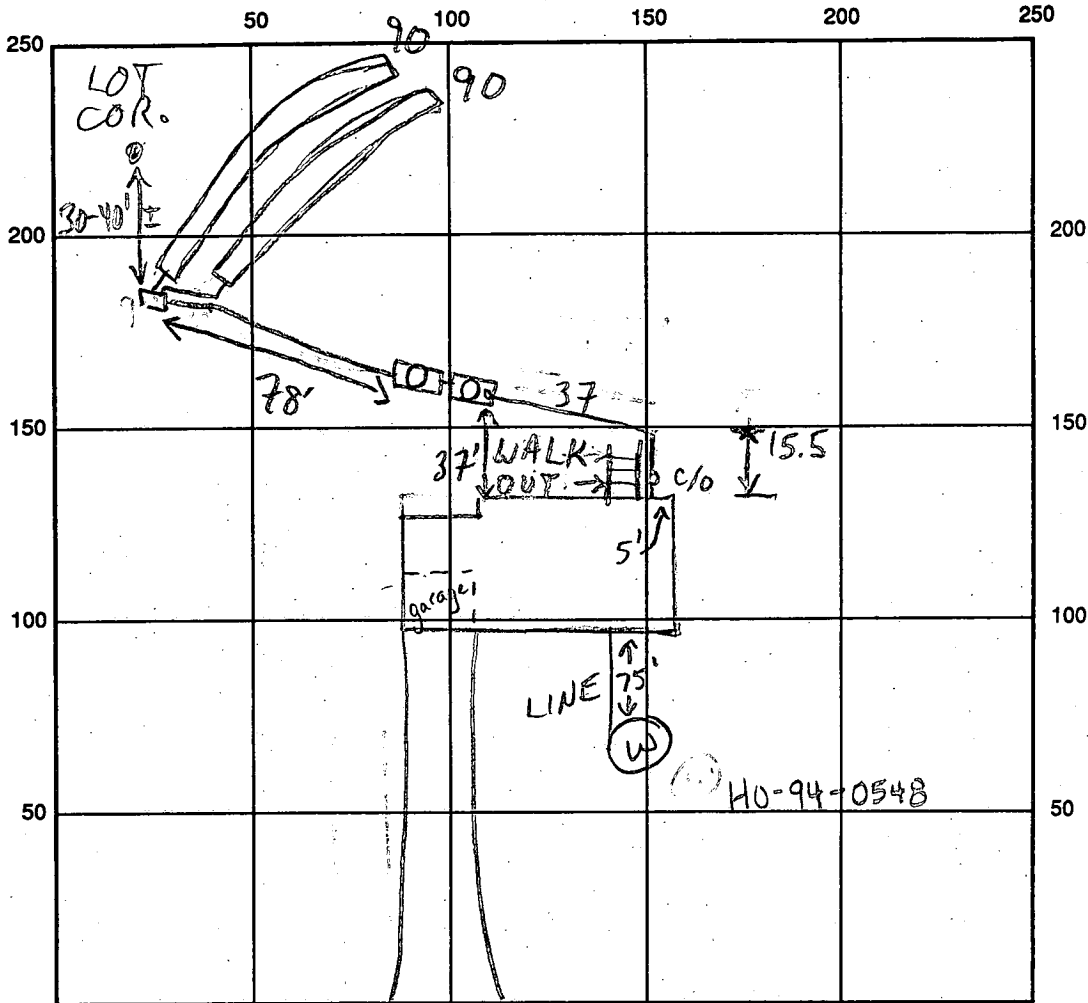
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*A
119067*

MORGAN STATION RD



EMMAUS RD INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GALS.T. 1000 GAL PUMP 8" MH ON S. TANK
 DISTRIBUTION BOX LEVEL OK PIT CLEANOUTS INLINE - OK, MH ON PUMP PIT

DRAIN FIELD/TITLE DEPTH 8.0 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 2 x 90 FT. → 180

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 6/17/97#1 OK - CONTINUE MR

6-17-97 (pm) ok to cover trenches (MR)

6/23/97 OK TO COVER TANKS, TRENCHES; RE-CONNECT DISCONNECTED PUMP LINE @ D.B. CALL FOR PUMP INSP MR

3/11/98 ALARM + PUMP OK - FINAL (MR)

DATE SYSTEM APPROVED 3/11/98

INSPECTOR M. R. Pkin

APPLICATION

PERCOLATION TESTING

A 49069

P _____

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

DISTRICT _____

DATE 3/16/95

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 CHARLES SCROVER

ADDRESS 1245 MORGAN STATION RD. PHONE 301 854 6217

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 24 ON SIGNED PERC PLAT

ROAD AND DESCRIPTION EAST OF MORGAN STATION RD. SOUTH OF Rt. 70

(1201 EMMAUS ROAD)

TAX MAP 8 PARCEL # 313

SIZE OF LOT ± 58,100 sq TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED AND RETURNED 4-30-97
Serial # 670103305

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] (Brenda Usace)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OR MR 6/3/95

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

A49069

COUNTY #

Lot 26

SOIL PROFILE

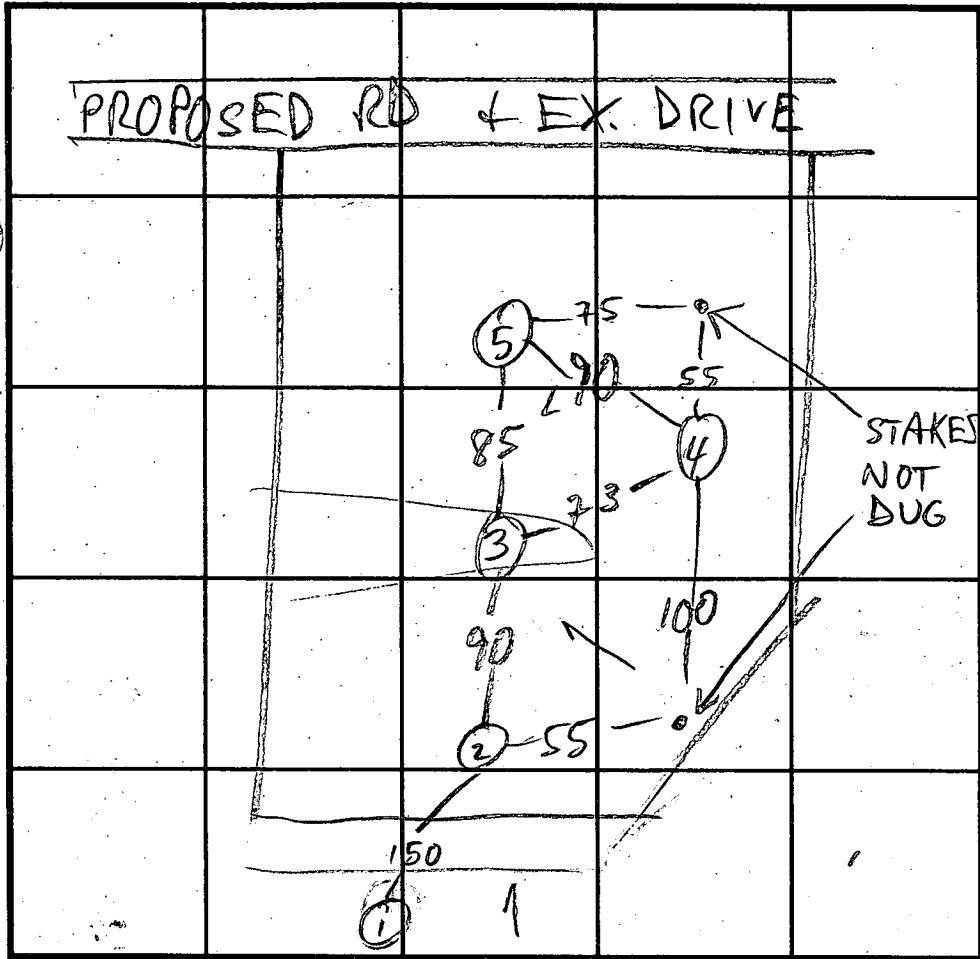
0' (1) (2) (3) (4) (5)

red
pink
sac/m

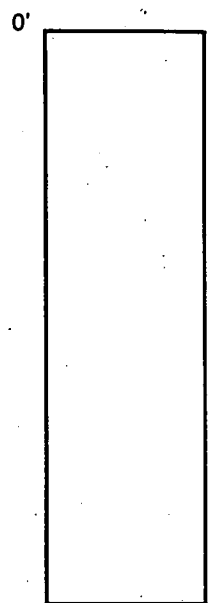
3-3 1/2
pink/brn
tan
sa/m

10-20
frags

13 1/2



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

I-70

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/14/93	1 S	4	11:56	11:58	11:58	12:01	3
	1 V	13 1/2	see profile				
	2 S	4 1/2	12:05	12:07	12:07	12:10	3
	2 V	12	see profile				
	3 V	13	see profile				
	4 V	12 1/2	see profile				
	5 S	3 1/2	12:15	12:16	12:16	12:18	2
	5 V	11	sim to profile				

REMARKS

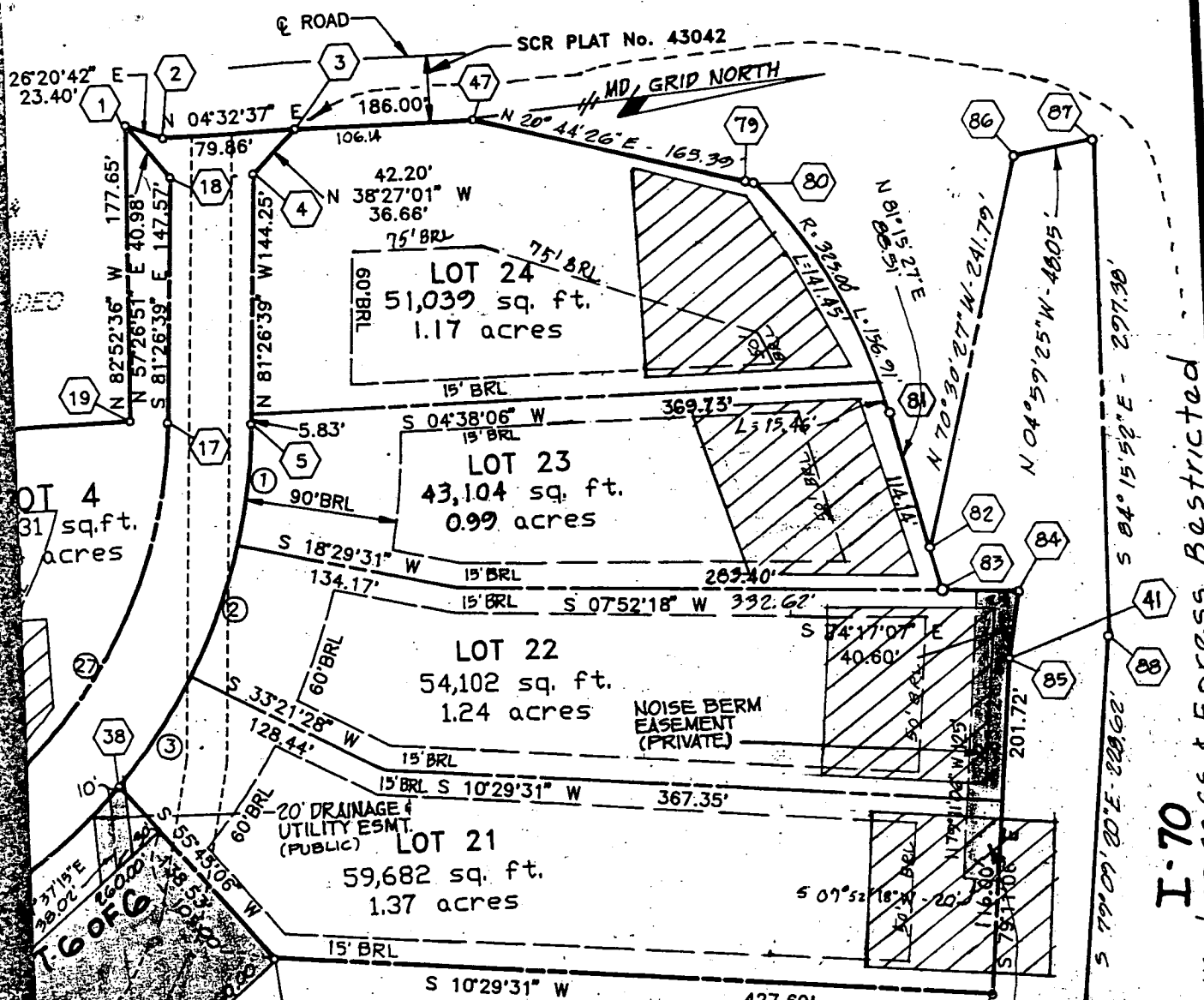
TYPE OF SOIL

TESTED BY M. Riffin ALSO PRESENT Fyock crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 2

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

copy of signed
Final F-95-23



Vehicular Ingress & Egress Restricted I-70

THE OWNERS OF LOTS 21 & 22 HAVE THE RIGHT TO REMOVE AND REINSTALL PORTIONS OF THE NOISE BERM IN ORDER TO MAINTAIN THEIR SEPTIC SYSTEMS.

EXISTING 24' PRIVATE USE-IN-COMMON EASEMENT FOR INGRESS AND EGRESS TO AND FROM LOTS 1, 2 AND RESIDUE LOT 3, PLATBOOK 10707 AND 10708. THE PORTION SHOWN ON THIS PLAT TO BE ABANDONED.

20' DRAINAGE & UTILITY EASEMENT (PUBLIC)
 16' PRIVATE DRIVEWAY
 24' PRIVATE USE-IN-COMMON EASEMENT FOR INGRESS AND EGRESS TO AND FROM LOTS 1, 2 AND 20, (FOR MAINTENANCE AGREEMENT SEE 3536 FOLD 0268)

AGRICULTURAL PRESERVATION PARCEL "B" EX. LOT 3

PRIVATELY OWNED AGRICULTURAL EASEMENT 28.11 Ac. ± HELD BY HOWARD COUNTY, MARYLAND NONBUILDABLE

THE REQUIREMENTS SECTION 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

William G. Hartel
 William G. Hartel, Professional Land Surveyor, Md. No. 9436 Date

Charles F. Scheyer 10-27-94
 Signature of owner Date

E 396,012

EMERGENCY/TEMP NO. IF ANY

B 1 **5513**
1 2 3 4 5
(THIS NUMBER IS TO BE PUNCHED
IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO.
(DP USE ONLY)

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

STATE PERMIT NUMBER
40-94-0548
70 fill in this form completely 79

Date Received (APA)
052395
OWNER INFORMATION
SCHROYER **CHARLES**
15 Last Name Owner First Name 34
1245 MORGAN STATION RD
36 Street or RFD 55
WOODBINE **MD 21797**
57 Town 70 State 72 Zip 76

DRILLER INFORMATION MSD/MGD/MWD
Joseph L. MAYNE **24**
Driller's Name 77 License No. 80
Joseph L. Mayne Well Drilling
Firm Name
5512 Ridge Rd. Mt. Airy MD. 21771
Address
Joseph L. Mayne 5/23/95
Signature Date

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) **5**
8 12
AVERAGE DAILY QUANTITY NEEDED
(GAL. PER DAY) **500**
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
22 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **266** FEET
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
NEAREST INCH

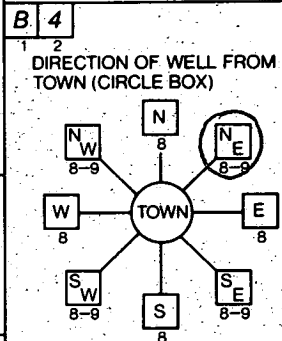
METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
37 CABLE REVerse-ROTary DRIVE-POINT
other

REPLACEMENT OR DEEPEMED WELLS
(CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
39 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY - CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER **G A P**
54 63
FORCE **MJ** WRITE INITIALS IN BOX 67 68 PERMIT No. **40-94-0548**
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

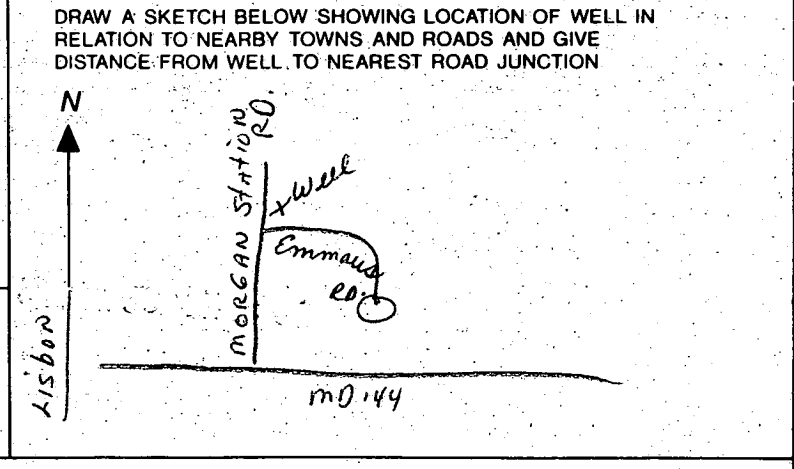
B 3 LOCATION OF WELL
HOWARD
8 COUNTY 21
WALNUT SPRINGS
23 SUBDIVISION 42
SECTION **24**
44 46 48 50
LISBON
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) **1** M I
73 76 77 78



B 4
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
EMMAUS RD.
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 **90** 37
DISTANCE FROM ROAD
ENTER FT. OR MI. **FT**
38 39
TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL
Howard **A49069**
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED INSERT S
Mark E. Riffin 6/7/96
43 48 CO SIGNATURE EXP. DATE
NORTH GRID **547000** EAST GRID **0786000**
50 55 57 63

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
E **7806**
N **5427**
000
000



C1-2746

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

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

COUNTY NUMBER A 49069

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

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED: 06/15/95

Depth of Well: 365 (TO NEAREST FOOT)

PERMIT NO. 40-94-0548

OWNER: Schroyer, Emmaus Rd, TOWN Lisbon, SUBDIVISION WALNUT SPRINGS, SECTION, LOT 24

WELL LOG

Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLORATIONS, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Entries: BROWN Shale 0 61, Blue Rock 61 365

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N). TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay). NO. OF BAGS 16, NO. OF POUNDS 1504.

CASING RECORD

MAIN CASING TYPE (S, C, P, O), Nominal diameter top (main) casing, Total depth of main casing.

OTHER CASING (if used) diameter, depth.

SCREEN RECORD

screen type or open hole (S, B, H, P, O).

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A, E, P

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...

TYPE: MWD/MSD/MGD. DRILLERS LIC. NO. 24

DRILLERS SIGNATURE: Joseph L. Mayne

LIC. NO.

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

DEPTH (nearest ft.)

DEPTH grid: 1-51 feet. Entry: 365

SLOT SIZE 1, 2, 3 DIAMETER OF-SCREEN (NEAREST INCH)

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, OTHER DATA

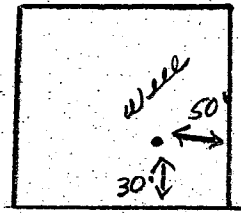
PUMPING TEST

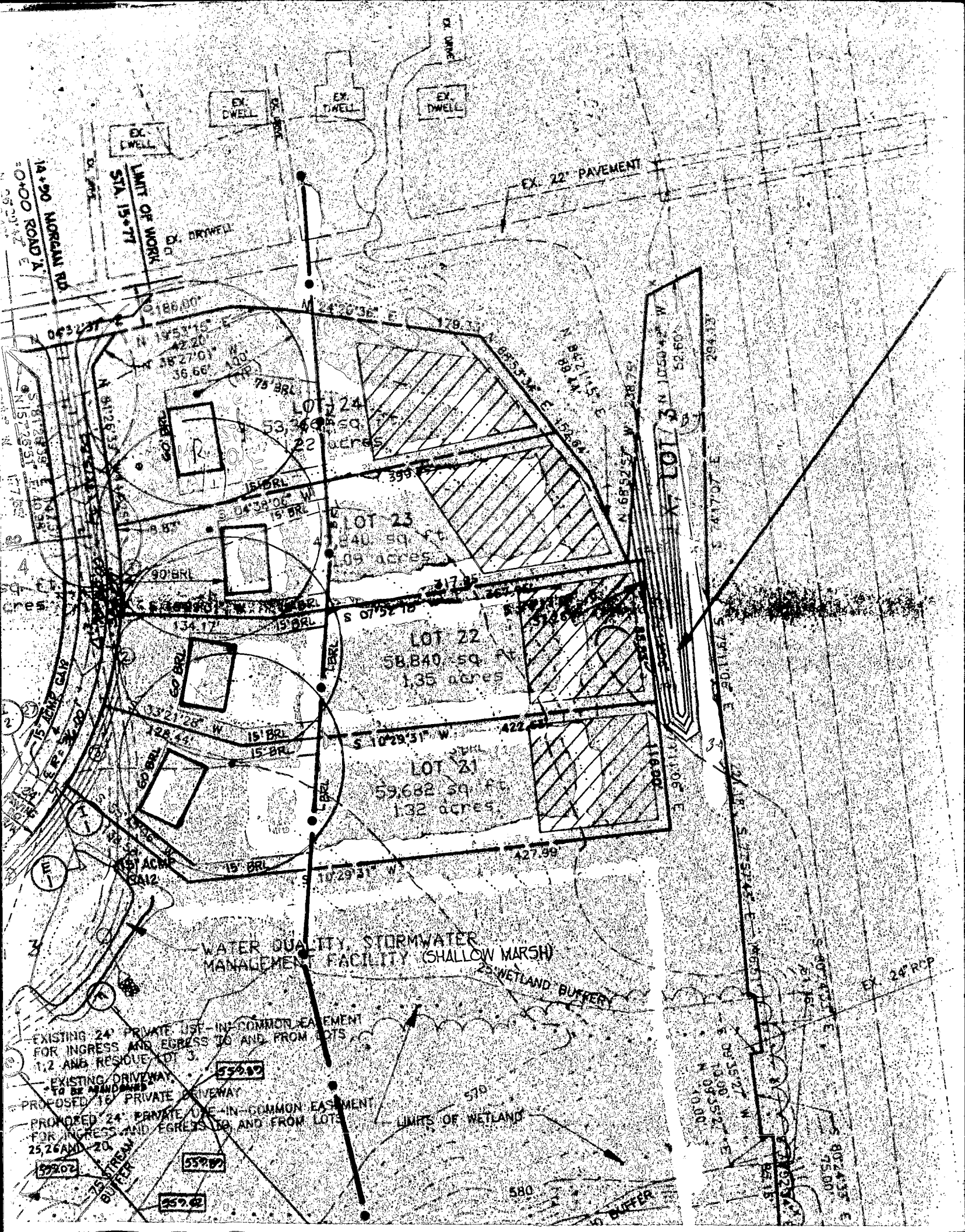
HOURS PUMPED (nearest hour) 6. PUMPING RATE (gal. per min.) 1.4. METHOD USED TO MEASURE PUMPING RATE Bucket. WATER LEVEL (distance from land surface) BEFORE PUMPING 36 ft, WHEN PUMPING 343 ft.

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO). TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. 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.

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)





14+90 MORRIS RD
 STA. 15+77

UNIT OF WORK
 STA. 15+77

EX. 22' PAVEMENT

WATER QUALITY, STORMWATER
 MANAGEMENT FACILITY (SHALLOW MARSH)

25' WETLAND BUFFER

EX. 24' RCP

EXISTING 24' PRIVATE USE-IN-COMMON EASEMENT
 FOR INGRESS AND EGRESS TO AND FROM LOTS
 1, 2 AND RESIDUE LOT 3.

EXISTING DRIVEWAY
 TO BE MAINTAINED
 PROPOSED 16' PRIVATE DRIVEWAY

PROPOSED 24' PRIVATE USE-IN-COMMON EASEMENT
 FOR INGRESS AND EGRESS TO AND FROM LOTS
 25, 26 AND 20.

LIMITS OF WETLAND

55202

55202

55202

580

50' BUFFER

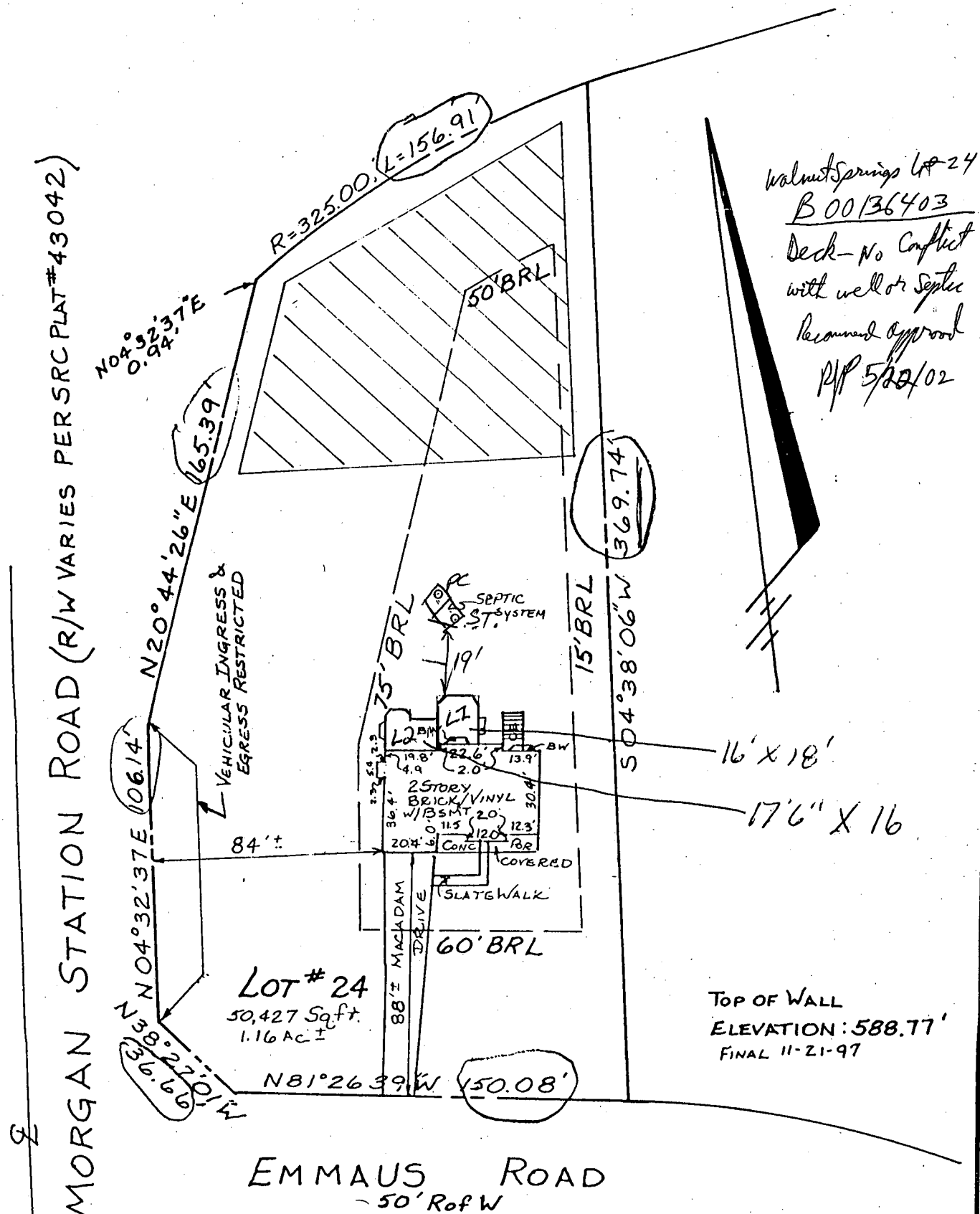
500.07 N
 25.52 S
 10.93 W
 20.55 S

S 60°43'51" E
 75.00'

S 80°43'51" E
 75.00'

Property known as: LOT 24, WALNUT SPRINGS
 PLAT # 11823, LOTS 4-19 & 21-24 &
 PRESERVATION PARCEL, PAGE 2 of 2
 4th ELECTION DISTRICT HOWARD COUNTY,
 MARYLAND.

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY
 LINES OR CORNERS.



LOCATION SURVEY PLAT

SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED

CERTIFICATION	SEAL	SCALE 1"=50' DATE 6-06-97
<p>This is to certify that I have surveyed the property known as: <u>*1201</u> <u>EMMAUS ROAD</u> <u>JAMES KRISTA SHAYL</u> for the purpose of locating the improvements thereon, and the improvements are located as shown.</p>		<p>LDE Inc. 9250 Rumsey Road Suite 106 Columbia, Maryland 21045 (Balt.) 410-715-1070 (Wash.) 301-596-3424 (FAX) 410-715-9540</p>