

1/26/01 layout 11:00

RPS # 33113

PERMIT

P 514 722-A

SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
410-313-2640

A 56441-A

ISSUE DATE 12/27/00

APPROVAL DATE 1/26/01

INDEXED

Fogles Septic Clean, Inc. IS PERMITTED TO INSTALL x ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Hawksfield II LOT NUMBER 1 ADDRESS 3100 Emerald Valley Road

PROPERTY OWNER Robert Stader PROPERTY OWNER'S ADDRESS 641 Buckhorn Road

SEPTIC TANK CAPACITY 1250 GALLONS Sykesville, MD 21784

PUMP CHAMBER CAPACITY N/A GALLONS

NUMBER OF BEDROOMS 4 *** WATERTIGHT SEPTIC TANK REQUIRED ***

SQUARE FEET PER BEDROOM 180

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES: Trenches to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. 2 feet of stone below distribution box.

LOCATION: Place the distribution box 150 feet up the right lot line and 85 feet off this same lot line. Run trenches on contour to right side of lot while avoiding drainage swale along lot line. 12/12/00 O.K. (BB)

RECOMMENDED LAYOUT: 75', 80', 85'

PLANS APPROVED Mark E. Rifkin, R.S. DATE 11/20/2000

PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW FINISH GRADE

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS ARE NOT ACCEPTABLE

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRAINFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS OTHERWISE SPECIFICALLY AUTHORIZED

NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS SPECIFICALLY AUTHORIZED

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

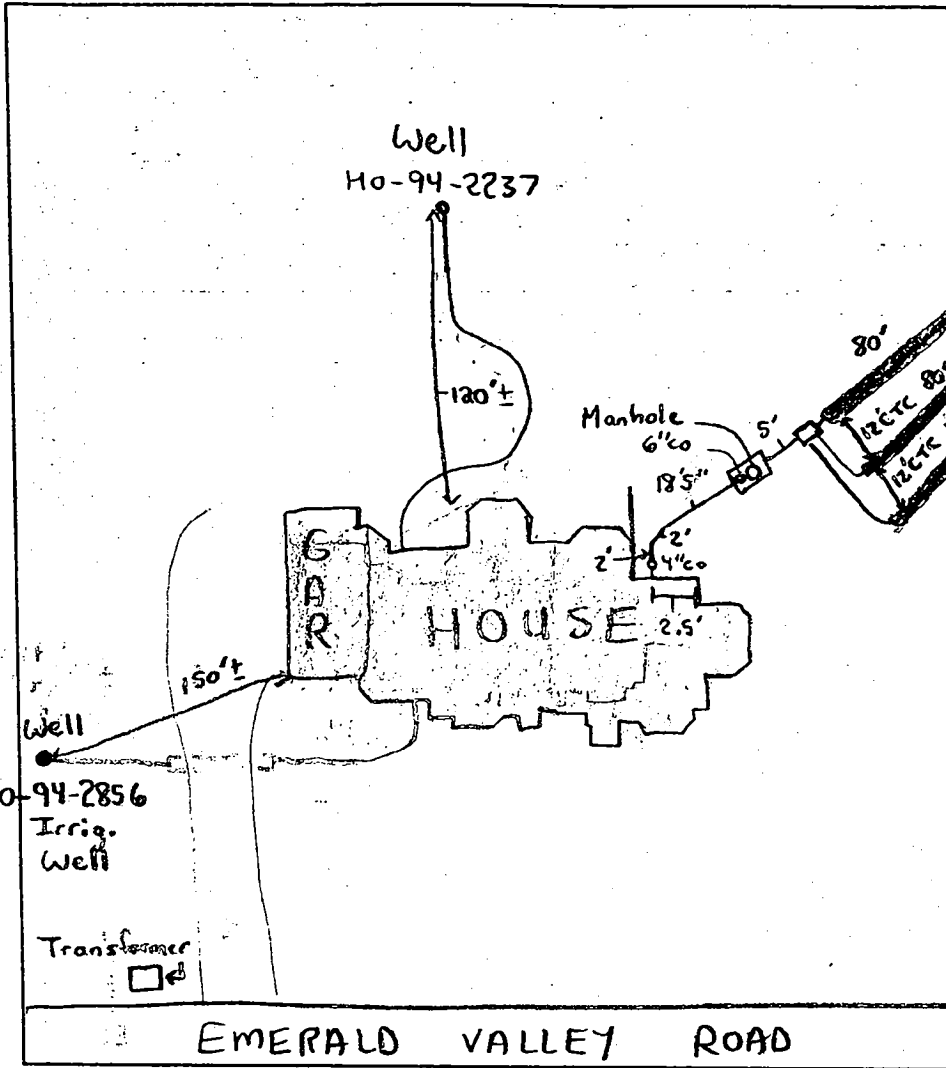
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

P 514722A

NOT TO SCALE



TRENCH DATA

TRENCH WIDTH 3'
 TRENCH INLET DEPTH 2.5'
 TRENCH BOTTOM DEPTH 4.5'
 DEPTH OF STONE 2'
 NUMBER OF TRENCHES 3
 TOTAL TRENCH LENGTH 240 ft
 ABSORBENT AREA 720 ft²
 DISTRIBUTION BOX LEVEL
 BAFFLE IN DISTRIBUTION BOX

SEPTIC TANK DATA

SEPTIC TANK 1250 T.S. GALLONS
 BAFFLES IN on center
 MANHOLE RISER on front
 6 INCH INSPECTION PORT on front

PUMP CHAMBER DATA

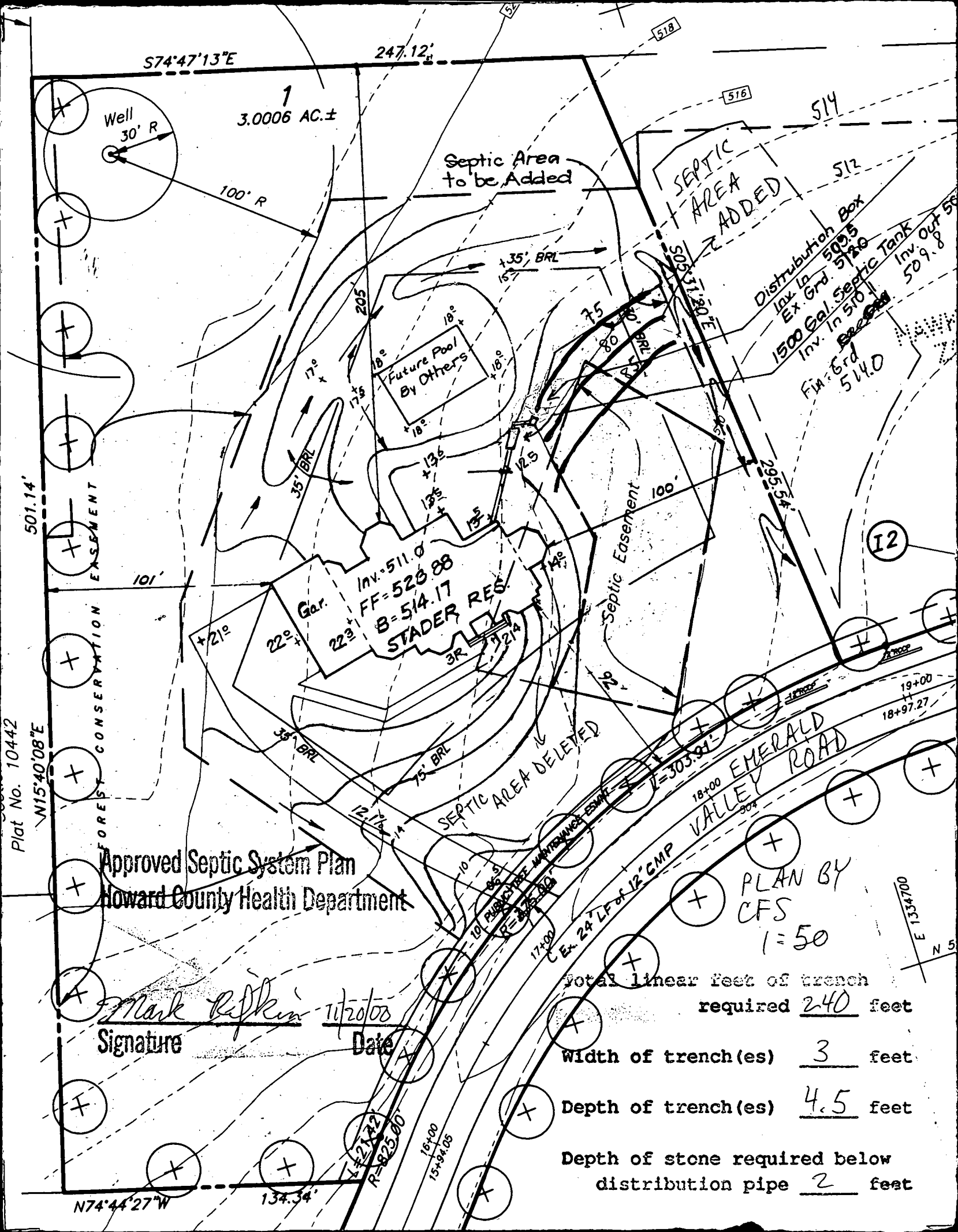
PUMP CHAMBER GALLONS NA
 MANHOLE RISER NA
 ALARM NA
 PUMP PERFORMANCE TEST NA

PRE-CONSTRUCTION INSPECTION: 1/26/01 - MET INSTALLER, OK TO INSTALL AS DISCUSSED IN FIELD, AREA STAKED - (SRK)

INSPECTION COMMENTS: 1/26/01 (4 PM) - OK TO COVER ALL WORK - (SRK)

INSPECTOR Steven R. Kiez

DATE SYSTEM APPROVED 1/26/01



Approved Septic System Plan
 Howard County Health Department

Mark Bifkin 1/12/08
 Signature Date

PLAN BY
 CFS
 1=50

Total linear feet of trench
 required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 4.5 feet

Depth of stone required below
 distribution pipe 2 feet

Plat No. 10442

N15°40'08"E

Approved Septic System Plan
 Howard County Health Department

Mark Bifkin 1/12/08
 Signature Date

PLAN BY
 CFS
 1=50

Total linear feet of trench
 required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 4.5 feet

Depth of stone required below
 distribution pipe 2 feet

N74°44'27"W

134.34'

194.00
 15-54.05

E 1334700
 N 5

Call out

DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS
3430 COURT HOUSE DRIVE
ELICOTT CITY, MD 21043
PERMITS (410) 313-2455 INSPECTIONS (410) 313-1810
AUTOMATED INFORMATION (410) 313-3300

HOWARD COUNTY
PERMIT APPLICATION

PERMIT NUMBER
BOU 127210

Building Address: **3100 EMERALD VALLEY RD**
ELICOTT CITY MD 21042

Property Owner's Name: **ROBERT STADER**

Address: **641 BUCKHORN RD**

Suite/Apt. #: _____ SDP/N/P/Petition #: _____

City: **SYKEVILLE** State: **MD** Zip Code: **21788**

Census Tract: **60030** Subdivision: **HAWKSFIELDS**

Home Phone: **410 795 4019** Work Phone: _____

Section: **2** Area: _____ Lot: **1**

Applicant's Name & Mailing Address (if other than stated herein): _____

Tax Map: **416** Parcel: **258** Grid: _____

Zoning: **AL-20** Map Coordinates: **41016** Lot size: **3,000.6**

Phone: _____ Fax: _____

Existing Use: **LAND**

Contractor Company: **GREENFIELD HOMES, INC.**

Proposed Use: **NEW HOME**

Contact Person: **RIEK MINNER**

Estimated Construction Cost: **1,000,000**

Address: **66 SE LANTER DR**

Description of Work: **Build single family home**
4 bedrooms, 5 1/2 baths
3 fireplaces, deck
finished basement wet bar

City: **HIGHLAND** State: **MD** Zip Code: **20977**

License No.: _____

Phone: **410 741 6782** Fax: _____

Occupant or Tenant: _____

Engineer or Architect Company: **MARK BARRY**

Contact Name: **N/A**

Contact Person: _____

Address: _____

Address: _____

City: _____ State: _____ Zip Code: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Phone: **410 750 2262** Fax: _____

Robert Stader

202157-210

BUILDING DESCRIPTION - COMMERCIAL		BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities	Building Characteristics	Utilities
Height: _____	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>	SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/>	Water Supply: _____ Public _____ Private <input checked="" type="checkbox"/>
No. of stories: 2	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>	1st floor: 75 Width: 117	Sewage Disposal: _____ Public _____ Private <input checked="" type="checkbox"/>
Gross area, sq. ft. per floor: _____	Electric: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	2nd floor: 75 Width: 117	Electric: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Use group: _____	Gas: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Basement: Finished / Bath / Water	Gas: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Construction type: _____ Reinforced Concrete _____ Structural Steel _____ Masonry _____ <input checked="" type="checkbox"/> Wood Frame	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>	Finished Basement <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/>	Heating System: _____ Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas <input type="checkbox"/>
State Certified Modular _____	Sprinkler system: N/A <input checked="" type="checkbox"/> Full _____ Partial _____ Other Suppression _____ # of Heads _____	No. of Bedrooms: 4	Sprinkler system: N/A <input checked="" type="checkbox"/> NFPA #13D _____ NFPA #13R _____ Other: _____
		Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: N/A No. of 2 BR units: _____ No. of 3 BR units: _____	Other Structural Dimensions: _____ Footings: _____ Roof: _____ State Certified Modular _____ Manufactured Home _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THEREON; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSES OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: *[Signature]* Print Name: **LEAHNE GREENFIELD**

Title/Company: **GREENFIELD HOMES** Date: **10/21/08**

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
** PLEASE WRITE NEATLY AND LEGIBLY **
FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE APPROVAL	DPZ SETBACK INFORMATION	PROPERTY ID#
Land Development DPZ			Front: _____	48557
State Highways			Rear: _____	Filing fee: \$ 25.00
Building Official			Side: _____	Permit fee: \$ _____
Dev. Engineering DPZ	11/20/08	<i>[Signature]</i>	Side St: _____	Excise tax: \$ _____
Health			All minimum setbacks met? YES <input type="checkbox"/> NO <input type="checkbox"/>	Sub-total paid: \$ _____
Fire Protection			Is Entrance Permit required? YES <input type="checkbox"/> NO <input type="checkbox"/>	Add'l permit fee: \$ _____
Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>			Historic District? YES <input type="checkbox"/> NO <input type="checkbox"/>	TOTAL FEES: \$ _____
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>			Let Coverage for New Town Zone _____	Balance due: \$ _____
ONE STOP SHOP: <input type="checkbox"/>			SDP/Red-line approval date: _____	Check # 11235
			Accepted by: _____	Validation # _____

Distribution of Copies: White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

Rev. 10/15/08

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Gartland Plumbing Inc Telephone #: 410-875-5303
Address: 1620 W. Old Liberty Rd
Sykesville, MD 21284

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): S. Joseph Gartland III

License# 6352

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Stader Robert Telephone #: 410-295-4019
Subdivision: Hawks Field Lot #: 1 Well Tag #: HO-94-2232
Site Address: 3100 Emerald Valley
Ellicott City, MD 21042

Submersible Pump Data

Make: Goulds
Model #: 26507
Pump Capacity: 3 GPM
Well Yield: 3.2 GPM

Pitless Adapter

Make: BT
Model #: P100T
Depth: 48" (36" min)
NSF approved: Yes

Well Cap and Electric Conduit

Two piece watertight cap: [checked]
Screened, vented well cap: [checked]
Cap secured to casing: [checked]
Conduit min 18" B.G.: [checked]
Conduit secured to well cap: [checked]

Depth of well encountered at time of pump installation: 120 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt Yes

Piping to house

Type: Poly
PSI: Yes (160 psi min)
Depth of supply line: 48 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve:
Sleeve caulked and sealed properly:

} sleeved under footer

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation
date 12-28-00

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 12/18/00 Date Insp. Approved: 12/18/00 (RJP) SRK

- Inspection Data: Pitless adapter and water supply line at least 36" below grade [checked]
Two piece cap installed and attached to casing securely [checked]
Elec. conduit extends at least 18" below grade/attached to cap properly [checked]
Safety rope installed inside of well casing [checked]
Correct well tag attached properly and casing 8" above finished grade [checked]
Water supply line sleeved adequately at house connection [checked]
Adequate grout observed below pitless adapter [checked]

C1 06735

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. 6/22/99

COUNTY NUMBER A56441A OK Del

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

ST/CO USE ONLY DATE RECEIVED 06 17 99

DATE WELL COMPLETED 06 11 99

Depth of Well 22 332 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94-2237

OWNER Big Data last name Emerald Valley Dr first name TOWN W. Friendship SUBDIVISION Hawksfield SECTION LOT 1

WELL LOG

Not required for driven wells

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) YES [Y] NO [N] TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 11 NO. OF POUNDS 1834 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 39 ft.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 3.7 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 11 ft. WHEN PUMPING 238 ft. TYPE OF PUMP USED (for test) [S] submersible

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include: Dirt, Soft Br. Mica & Sand, Hard Br. Sandstone, Hard Blk Sandstone, Hard Br & Blue Sandstone, Hard Blk Sandstone, Hard Br. Sandstone, Blue Mica, Hard Blue & Blk Sandstone, Hard Blue & Blk Sandstone w/ white, Green Mica.

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 41

OTHER CASING (if used)

Table with columns: diameter inch, depth (feet) from, to. Rows include: PL 4 0 190, PL 4 200 300, PL 4 310 332

SCREEN RECORD

screen type or open hole [ST] [BR] [HO] [PL] [OT]

C 2 DEPTH (nearest ft.)

Table with columns: Casing type, Depth (ft.). Rows include: PL 60 70, PL 190 200, PL 300 310

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES OR NO) 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) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (2) below (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED YES [Y] NO [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 WELL

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MW D 296 Ronald Kyker DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MW D 296 Ronald Kyker

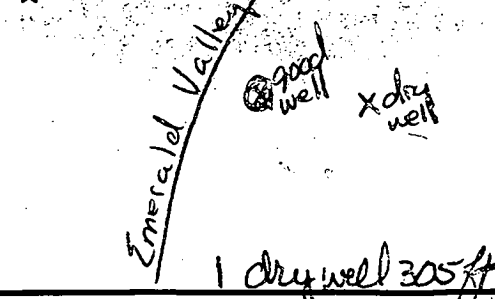
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 9 332

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

70 72 TELESCOPE CASING LOG INDICATOR OTHER DATA

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)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2237
 Location of property (road) Emerald Valley
 Subdivision Hawksfield Lot 6 Block _____ Plat _____ Sec. _____
 Well Driller Ron Kyker Owner Alqi Data

Depth of well 332 feet
 Distance of measuring point (M.P.) above ground 2 feet
 Static water level (S.W.L.) below M.P. 11 feet

I. High rate pumping -- reservoir drawdown

Time pump started 10:00 AM Pumping rate 3.7 GPM
 Total time 6 hrs to reach pumping water level 238 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill $\times 1$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
10:00	11'	5 sec.		12
10:15	138'	6 sec.		10
10:30	218'	7 sec.		8.5
10:45	270'	17 sec.		3.7
11:00	269'	17 sec.		3.7
11:15	268'	17 sec.		3.7
11:30	267'	17 sec.		3.7
11:45	266'	17 sec.		3.7
12:00	264'	17 sec.		3.7
12:15	262'	17 sec.		3.7
12:30	260'	17 sec.		3.7
12:45	259'	17 sec.		3.7
1:00	258'	17 sec.		3.7
1:15	257'	17 sec.		3.7
1:30	255'	17 sec.		3.7
1:45	253'	17 sec.		3.7
2:00	251'	17 sec.		3.7
2:15	249'	17 sec.		3.7
2:30	248'	17 sec.		3.7
2:45	246'	17 sec.		3.7
3:00	245'	17 sec.		3.7
3:15	244'	17 sec.		3.7
3:30	243'	17 sec.		3.7
3:45	242'	17 sec.		3.7

B 1 **8662** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-94-2237
 fill in this form completely

Date Received (APA) **042799**
OWNER INFORMATION
DIGI-DATA HOLDINGS
 15 Last Name Owner First Name 34
9881 BROOKLAND PARKWAY
 36 Street or RFD 55
COLUMBIA MD 21046
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD
 8 COUNTY 21
HAWKSHIELD ESTATES
 23 SUBDIVISION 42
 SECTION **2** LOT **1**
 44 46 48 50
WEST FRIENDSHIP
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **2** MI
 73 76 77 78

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD
Ronald Kyle **296**
 Driller's Name (77 License No. 80)
Westminster Rotary Well Drilling Inc
 Firm Name
P.O. Box 861, Westminster, Md 21158
 Address
Ronald Kyle **4-2499**
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD **EMERALD Valley Road**
 11 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH N
 WEST W
 EAST E
 SOUTH S
 34 **350** 37
 DISTANCE FROM ROAD
 ENTER FT OR MI **FT**
 38 39
 TAX MAP: **16** BLK: **20** PARCEL: **358**

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

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 **A56441A**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **050499** **J. W. Miller** **5/4/00**
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **520000** EAST GRID **820000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET
 24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST 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 (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER _____
 FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **HO-94-2237**
 67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
Well
 SOURCES OF DRILLING WATER
 1. **City**
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

350' Well

IN HOLTER
300/F.154
P.293

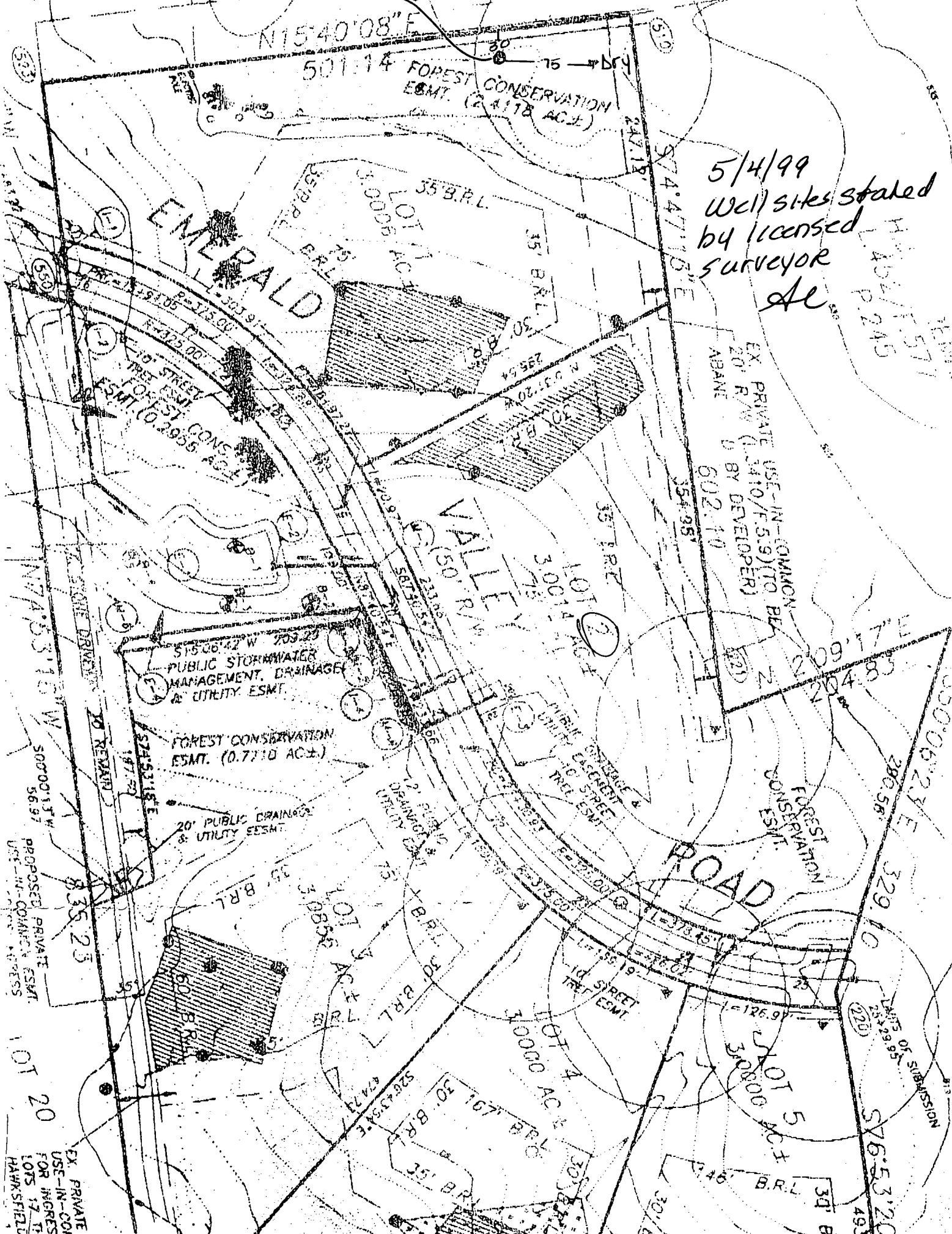
FRY WILLIAMS
1665/F.328
P.271

EUGENE SWEGART
L.477/F.140
P.56

6/10/99
2nd well site OK
EX. 12'-16" WIDE DRIVE TO BE RELOCATED BY DEVELOPER OFF LOT 1 AND 2 LOT 23, HAWKSFIELD ESTATES.

LOT 23 HAWKSFIELD ESTATES SECTION 7, PLAT #10449

5/4/99
Well sites stated by licensed surveyor
AL



EMERALD

VALLEY

ROAD

PROPOSED PRIVATE USE-IN-COMM. ESMT. FOR INGRESS LOTS 17 THRU HAWKSFIELD

51500'42" W 703'23" PUBLIC STORMWATER MANAGEMENT, DRAINAGE & UTILITY ESMT.

FOREST CONSERVATION ESMT. (0.7710 AC±)

20' PUBLIC DRAINAGE & UTILITY ESMT.

EX. PRIVATE USE-IN-COMM. 20' R/W (1.3410/F.5.9) (TO BE ABAND. BY DEVELOPER) 602.10 354.95'

PLAT OF SUBMISSION
1582665
S76.53'20" 493'

10

540,000 FT

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

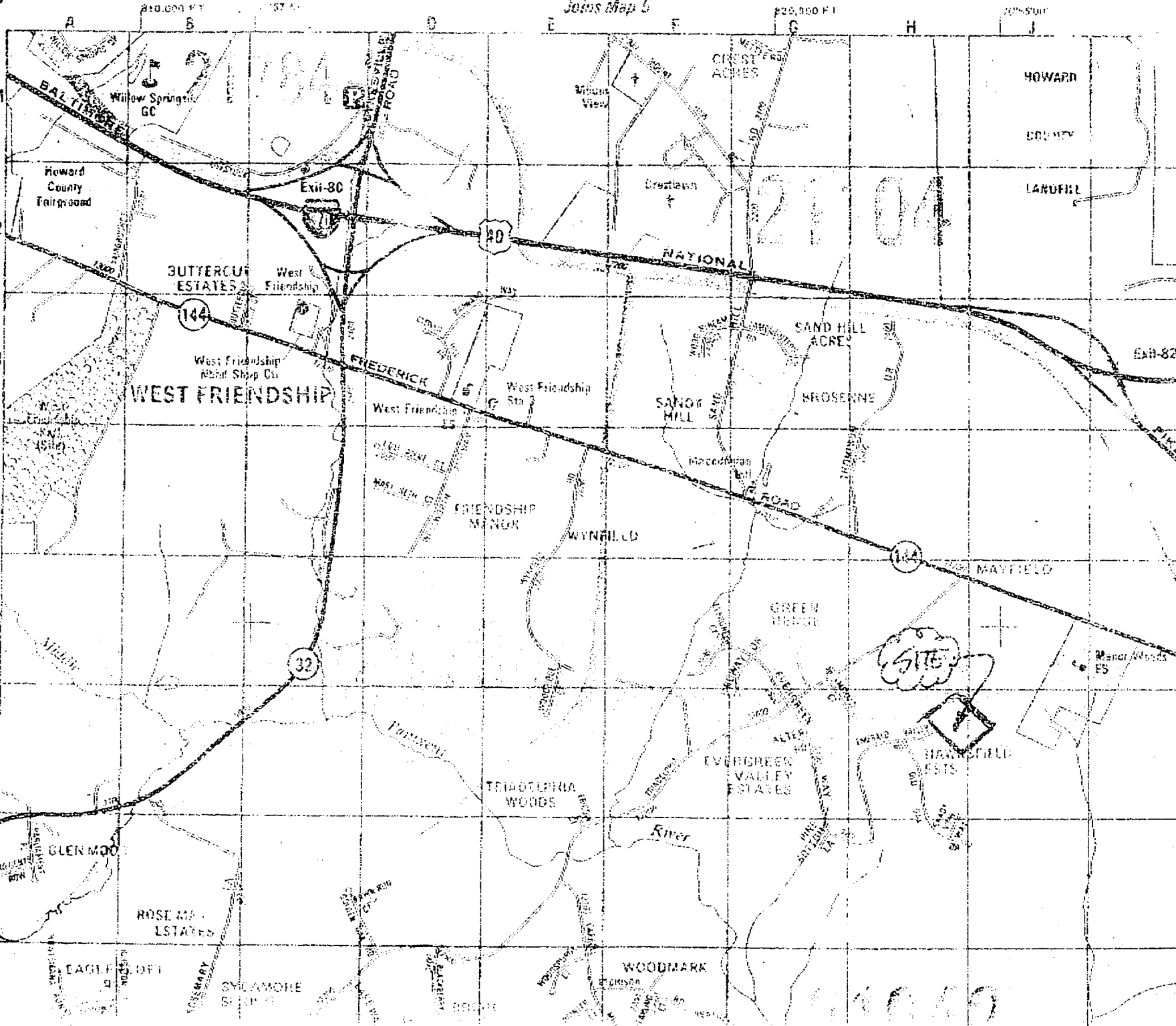
23

24

25

26

27



Joins Map 9

540,000 FT

27

12/29/00 AM

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Gartland Plumbing Telephone #: 410-825-5303
Address: 1620 W. Old Liberty Rd
Sykesville MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): J. Joseph Gartland III License# 6352 (6352)
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Stader Robert Telephone #: 410-295-4019 Res.
Subdivision: Hawks Field Lot #: 1 Well Tag #: HO-94-2856 ← Irrigation Well
Site Address: 3100 Emerald Valley
Ellicott City, MD 21042

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: BT Two piece watertight cap:
Model #: 26507 Model#: P100LT Screened, vented well cap:
Pump Capacity 2 GPM Depth: 48' (36" min) Cap secured to casing:
Well Yield: 5.6 GPM NSF approved: Yes Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 200 (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt Yes

Piping to house House Connection
Type: Poly PVC sleeved to undisturbed soil at wall penetration: } PVC Sleeved under
PSI: 160 (160 psi min) Approximate length of sleeve: _____ } Footers
Depth of supply line: 48 (36" min) Sleeve caulked and sealed properly: _____

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: _____ date: 12-28-00

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 12/29/00 Date Insp. Approved: _____ 3/1/01
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 08036

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. ON SRK 11/2/00 COUNTY NUMBER 56441A

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MO DY YR

Depth of Well 470 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-2856

OWNER Stader, Robert STREET OR RFD Emerald Valley DR TOWN West Friendship SUBDIVISION Hawksfield SECTION LOT 1

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Dirt, Br. Sandstone & Gravel, Clay & Br. Sandstone, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 27, NO. OF POUNDS 2538, GALLONS OF WATER 162, DEPTH OF GROUT SEAL 60 ft.

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter top (main) casing 6, Total depth of main casing 62.

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

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), insert appropriate code below.

DEPTH (nearest ft.) table with columns: depth, casing height (+/-), slot size, diameter of screen.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 5, METHOD USED TO MEASURE PUMPING RATE submersible, WATER LEVEL 37 ft, TYPE OF PUMP USED submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP YES, TYPE OF PUMP INSTALLED submersible, CAPACITY: GALLONS PER MINUTE 31, PUMP HORSE POWER 37, PUMP COLUMN LENGTH 41, CASING HEIGHT 2 (nearest foot).

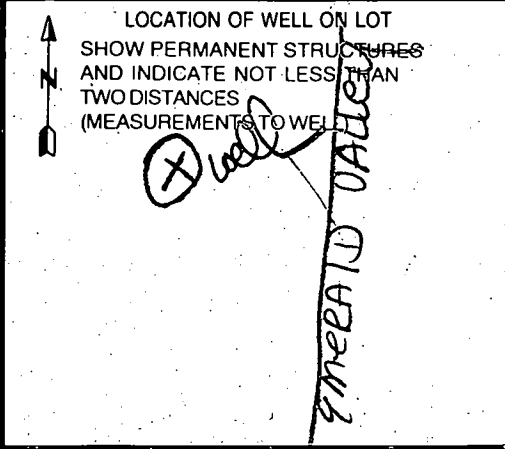
WELL HYDROFRACTURED (Y), NUMBER OF UNSUCCESSFUL WELLS: 0

CIRCLE APPROPRIATE LETTER: A (well abandoned), E (electric log), P (test well converted).

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...

DRILLERS LIC. NO. 1 M WD 296, Ronald Kyker, DRILLERS SIGNATURE, LIC. NO. 1 JWD 334, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER): GRAVEL PACK, WAS FLOWING WELL, T (E.R.O.S.), W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-94-2856 Election District _____
 Location of Property (road) Emerald Valley Drive
 Subdivision Hawkfield Lot 1 Block _____ Plat _____ Sec. _____
 Well Driller Dana Kyker Jr. III Owner Robert Stader

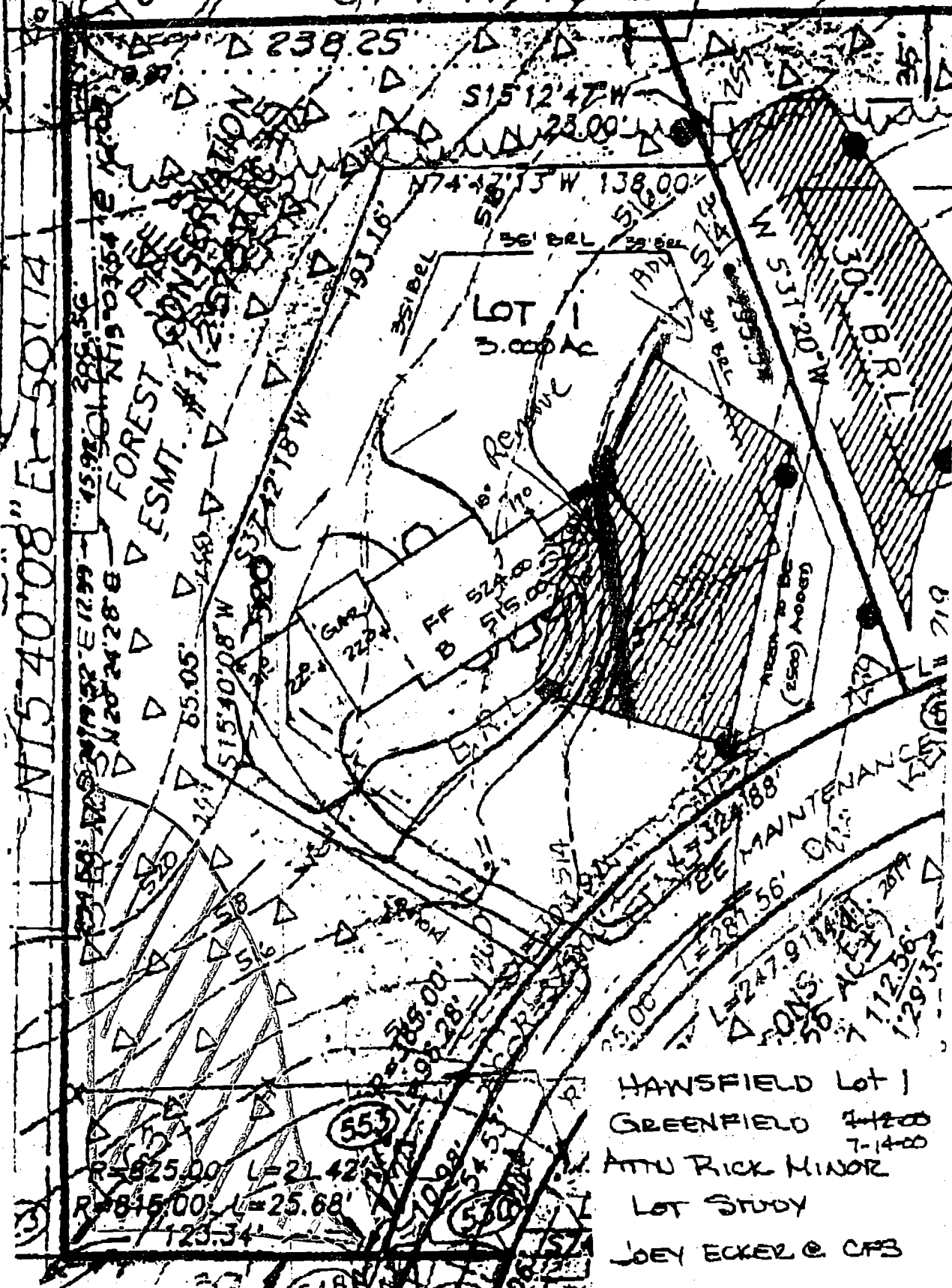
Depth of Well 470 feet
 Distance of Measuring Point (M.P.) above ground 2 feet
 Static Water Level (S.W.L.) below M.P. 37 feet

I. High Rate Pumping -- reservoir drawdown
 Time pump started 8:25am Pumping rate 5GPM
 Total time 3hrs to reach pumping water level 237 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill 1 gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
8:25	37'	5 sec.		12
8:40	91'	6 sec.		10
8:55	137'	6 sec.		10
9:10	163'	6 sec.		10
9:25	190'	7 sec.		8.5
9:40	210'	7 sec.		8.5
9:55	228'	7 sec.		8.5
10:10	241'	12 sec.		5
10:25	240'	12 sec.		5
10:40	240'	12 sec.		5
10:55	240'	12 sec.		5
11:10	239'	12 sec.		5
11:25	239'	12 sec.		5
11:40	239'	12 sec.		5
11:55	240'	12 sec.		5
12:10	240'	12 sec.		5
12:25	239'	12 sec.		5
12:40	238'	12 sec.		5
12:55	237'	12 sec.		5
1:10	237'	12 sec.		5

S144 M/S EN



N15°40'08" E 501.74'

N19°03'54" E 1592.01 388.56'

N20°24'28" E 2024.28' B

N45°05' 65.05'

N51°10'08" 515.10'

N74°42'13" W 138.00'

N74°42'13" W 138.00'

N51°10'08" W 531.20'

N30° 30' B.R.L.

N51°10'08" W 531.20'

N51°10'08" W 531.20'

N51°10'08" W 531.20'

N51°10'08" W 531.20'

N51°10'08" W 531.20'

N51°10'08" W 531.20'

N51°10'08" W 531.20'

R=525.00 L=21.42'

R=815.00 L=25.68'

123.34'

HANSFIELD Lot 1
 GREENFIELD 74200
 7-1400
 ATTU RICK MINOR
 LOT STUDY
 JOEY ECKER @ CFS

9/14/00
 This area OK to
 drill residential
 irrigation well

B 1 13611

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2856

W5/4234 please print or type

Date Received (APA) 9 13 00

OWNER INFORMATION

STADER ROBERT 641 buckhorn RD. SYKESVILLE MD. 21784

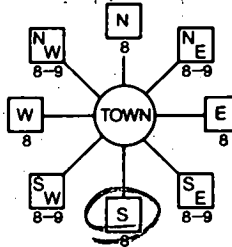
LOCATION OF WELL

HOWARD HAWKSFIELD RST. WEST FRIENDSHIP

DRILLER INFORMATION

RONAID KYKER MW D 296 West. ROTARY WELL DRILL INC P.O. BOX 861 WESTMINSTER MD. 21157

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



EMERALD VALLEY

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 100 FT

WELL INFORMATION APPROX. PUMPING RATE 500 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER. HEALTH DEPARTMENT APPROVAL

Howard County A56441-A COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 9/14/00 EXP. DATE 9/14/00 NORTH GRID 520000 EAST GRID 820000

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

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)

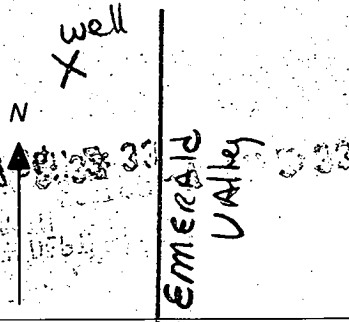
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. CITY 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 820 N 520

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (MDE OR COUNTY USE ONLY)

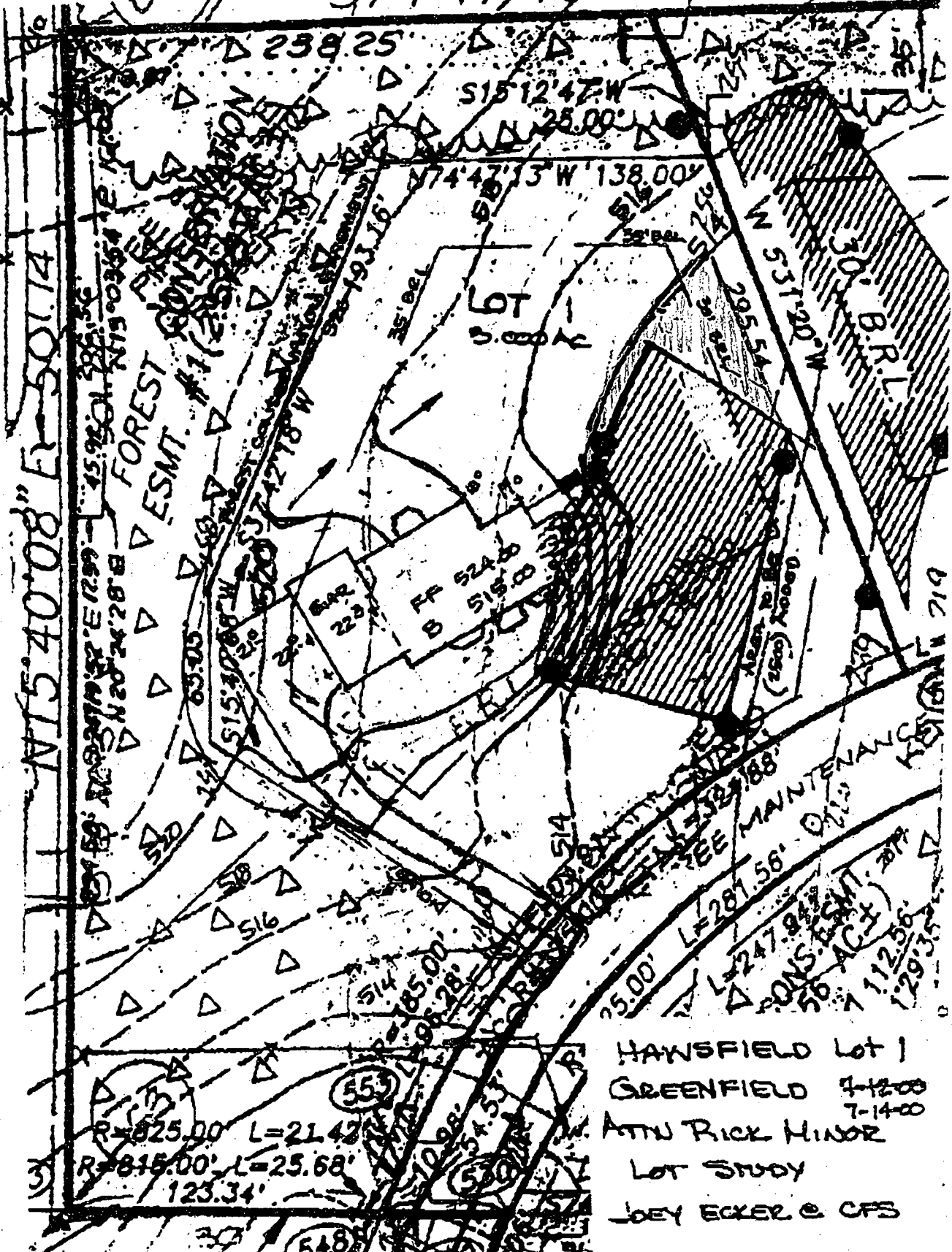
APPROX. PERMIT NUMBER 54 GAP 63 PERMIT No. HO-94-2856

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Jul 14 00 02:56P

2144111 []



N15°40'08" E 501.14'

FOREST CONSERVATION

LOT 1 3.000 A

FP 524.0 B 515.0 B

HANSFIELD Lot 1
 GREENFIELD 4-12-00
 7-14-00
 ATTN RICK HINDR
 LOT STUDY
 JOE ECKER & CFS

7/12/00
 shown
 adjustment
 to SAA
 OK
 ALM

APPLICATION

PERCOLATION TESTING

A 56441B

P _____

DISTRICT 3 RD

DATE 2/12/96

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

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 DIGI-DATA CORPORATION

ADDRESS 8580 DORLEY RUN RD PHONE 792-0611

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HAWKSFIELD ESTATES SEC 2 LOT NO. 30 NEW LOTS 28

ROAD AND DESCRIPTION EMERALD VALLEY ROAD

TAX MAP 16 PARCEL # 25B P/6 40

SIZE OF LOT 3.00 MW TYPE BLDG. SINGLE FAMILY
(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

49 COUNTY #
A 56441-B

49 SOIL PROFILE
3' 498 500

1.0 top soil
orange
Si Lm

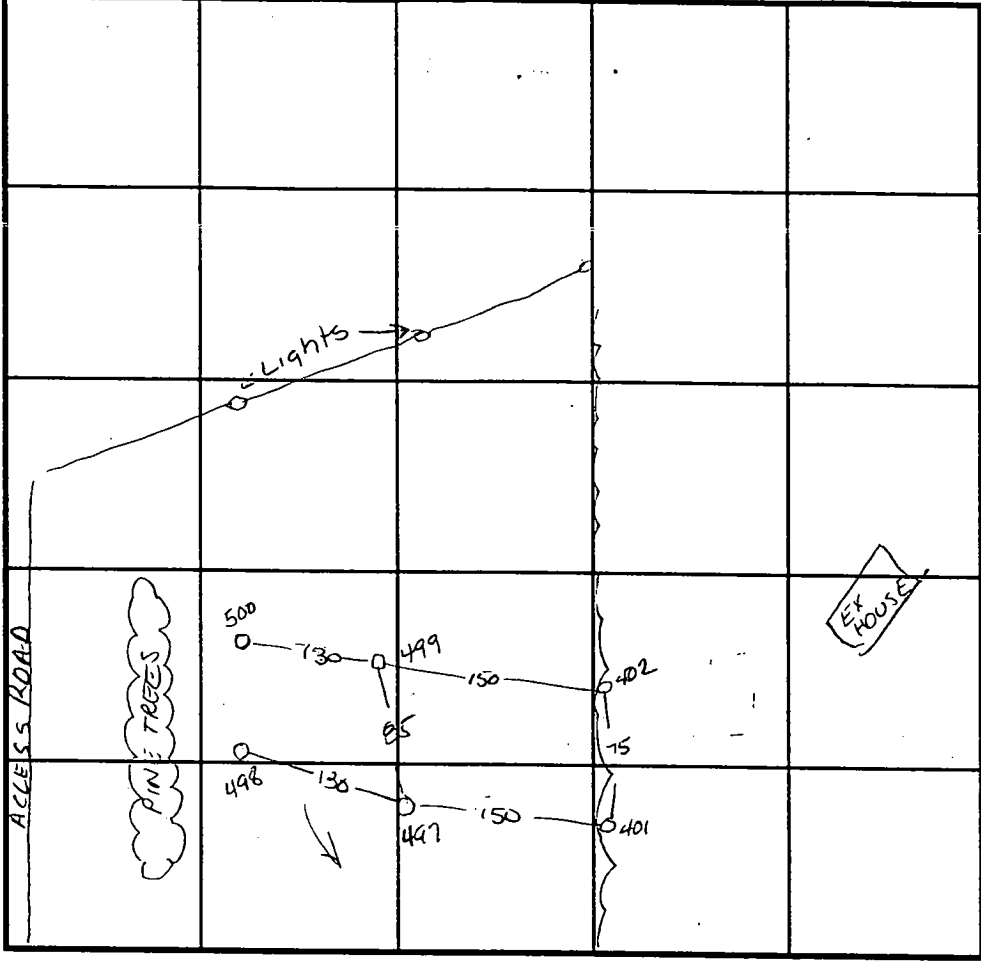
4.0 lgt
orange
w/
horizontal
zones of
yellow
salm

10.0 Splotchy
orange
black
red
Si salm

499
no
distinct
clay
layer
Splotchy
orange
black
brn
salm
colors
from
parent
rock

401/402
orange
brn
Si Lm

4.0 lgt tan
Si salm
with
decayed
<5%
grey
sand-
stone
flays



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-14-96	498	3.0 v12.0	12:17	12:21	12:21	12:24	3min
	500	2.5 v12.0	12:22 ³⁰	12:24	12:24	12:26	2min
	500	5.5 v12.0	12:25	12:26	12:26	12:28	2min
	497	2.5 v11.0	12:30	12:32	12:32	12:34	2min
	499	Visual	to 12.0 - see profile				OK
	401	4.5 v12.5	1:50	1:51 ³⁰	1:51 ³⁰	1:52 ³⁰	1min
	402	5.5 v12.5	1:55	1:56 ³⁰	1:56 ³⁰	1:58 ³⁰	2min

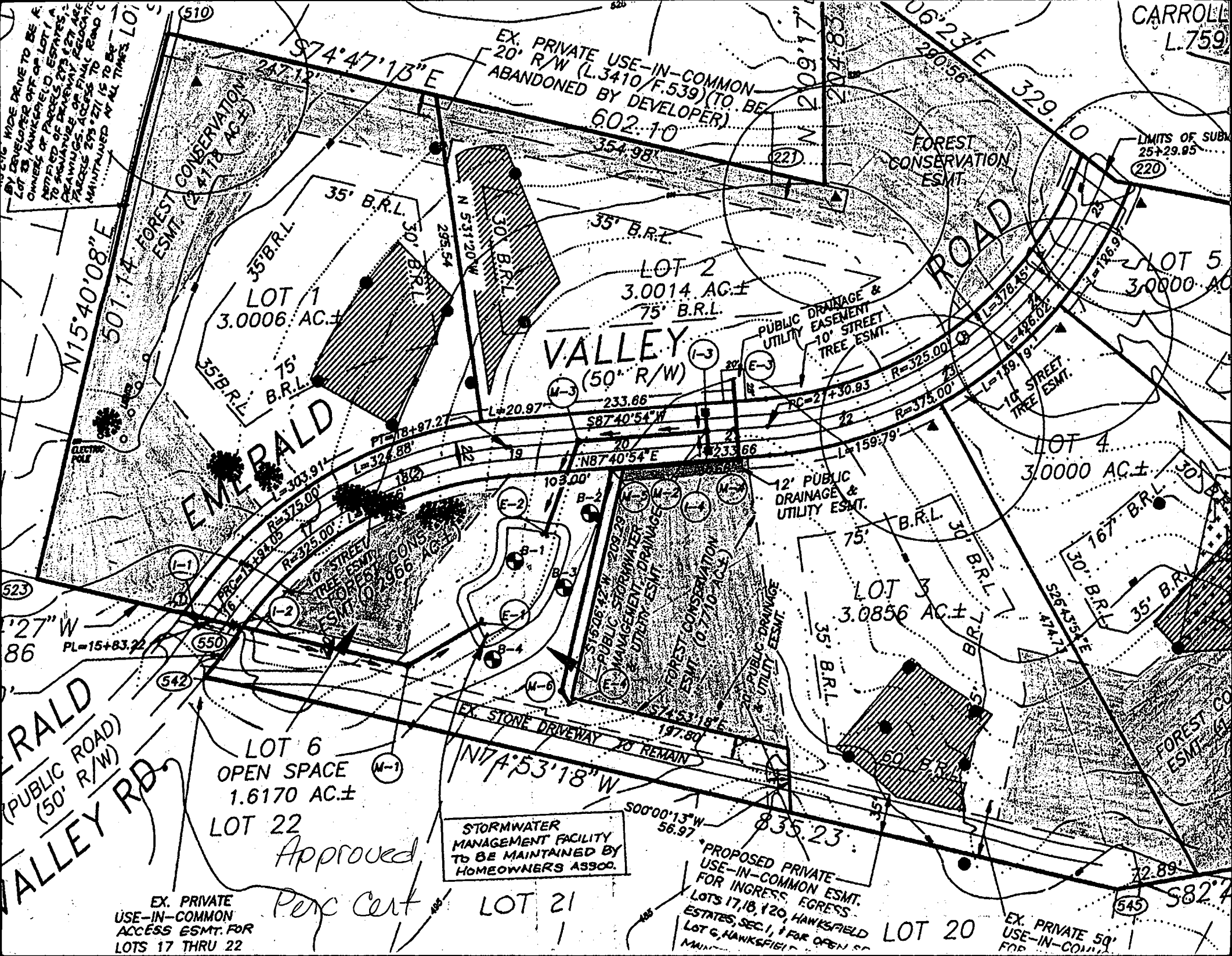
REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT Ken & Ron

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



CARROLL L.759

EX. PRIVATE USE-IN-COMMON
20' R/W (L.3410/F.539) (TO BE
ABANDONED BY DEVELOPER)
602.10

BY DEVELOPER DRIVE TO BE A
LOT 18 HAWKSFIELD, LOT 1
NOTIFIED OF PARCELS, ESTATES,
TO SIGNATURE OF DRAWING, ETC.
DRAWING, ACCESS OF FINAL ROAD
PARCELS 255-271 IS TO BE
MAINTAINED AT ALL TIMES. LOT

N15°40'08"E
501.74

EMERALD VALLEY RD.
(PUBLIC ROAD)
(50' R/W)

LOT 6
OPEN SPACE
1.6170 AC±

LOT 22

Approved
Perc Cert

STORMWATER
MANAGEMENT FACILITY
TO BE MAINTAINED BY
HOMEOWNERS ASSOC.

LOT 21

PROPOSED PRIVATE
USE-IN-COMMON ESMT.
FOR INGRESS, EGRESS,
LOTS 17, 18, 120, HAWKSFIELD
ESTATES, SEC. 1, & FOR OPEN
LOT 6, HAWKSFIELD

LOT 20

EX. PRIVATE 50'
USE-IN-COMMON
FOR

86
PL=15+83.22

27" W

550

542

540

538

536

534

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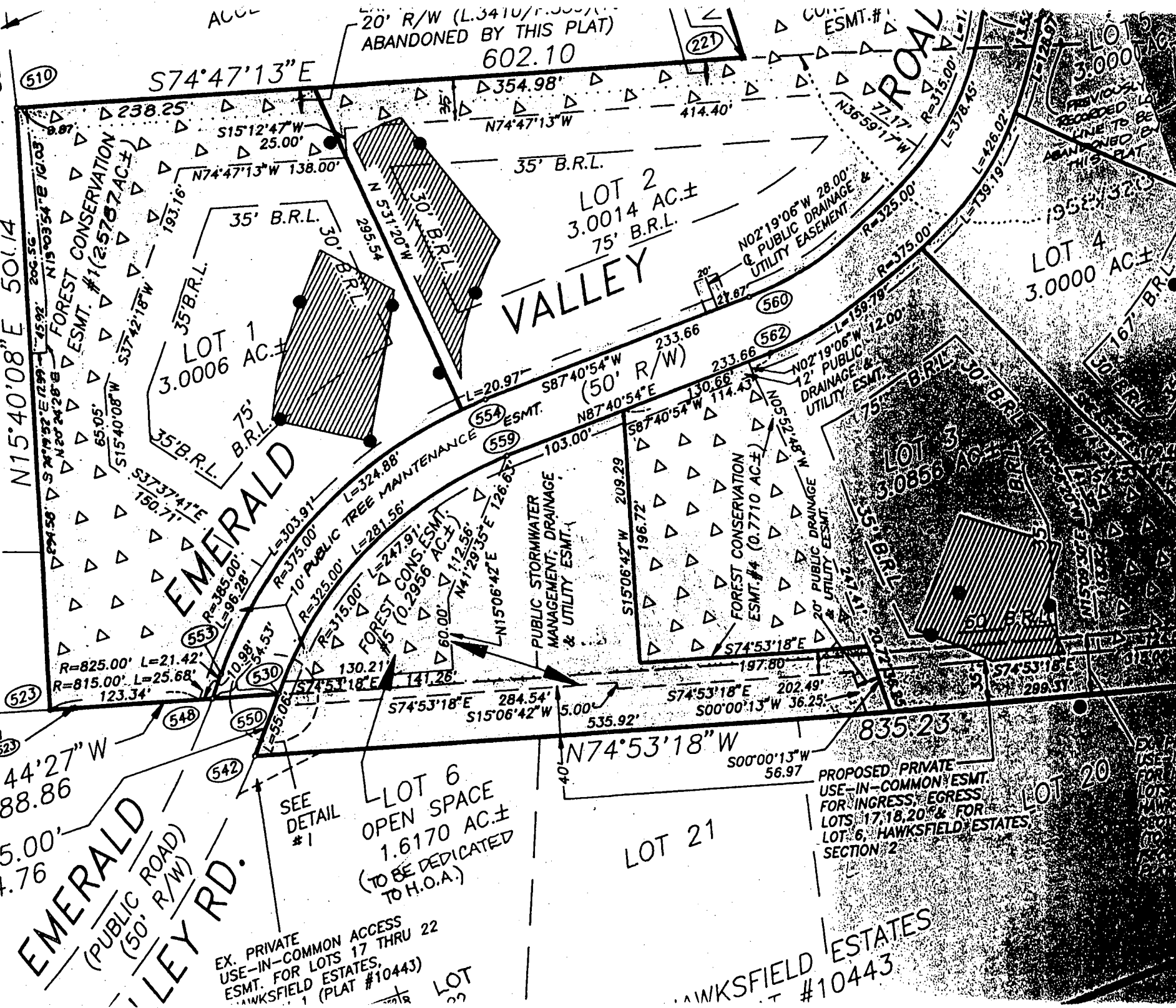
-2

PLATS 28

PLAT 4

15-66-51

LOT 23 H/ SECTION



EMERALD
(PUBLIC ROAD)
EMERALD VALLEY RD.
(50' R/W)

N74°44'27" W
188.86
R=875.00'
L=54.76

EX. PRIVATE
USE-IN-COMMON ACCESS
ESMT. FOR LOTS 17 THRU 22
HAWKSFIELD ESTATES,
(PLAT #10443)

PROPOSED PRIVATE
USE-IN-COMMON ESMT.
FOR INGRESS, EGRESS,
LOTS 17, 18, 20 & FOR
LOT 6, HAWKSFIELD ESTATES,
SECTION 2

HAWKSFIELD ESTATES
#10443

SEE
DETAIL
#1

LOT 6
OPEN SPACE
1.6170 AC±
(TO BE DEDICATED
TO H.O.A.)

LOT 21

LOT 20

LOT 1
3.0006 AC±
75' B.R.L.

LOT 2
3.0014 AC±
75' B.R.L.

LOT 3
3.0856 AC±
50' B.R.L.

LOT 4
3.0000 AC±
50' B.R.L.

EMERALD
VALLEY

EMERALD
VALLEY

EMERALD
VALLEY

EMERALD
VALLEY

FOREST CONSERVATION
ESMT. #1 (2,570.7 AC±)

FOREST CONSERVATION
ESMT. #2 (0.2956 AC±)

FOREST CONSERVATION
ESMT. #4 (0.7710 AC±)

PUBLIC STORMWATER
MANAGEMENT, DRAINAGE
& UTILITY ESMT.

12' PUBLIC
DRAINAGE &
UTILITY ESMT.

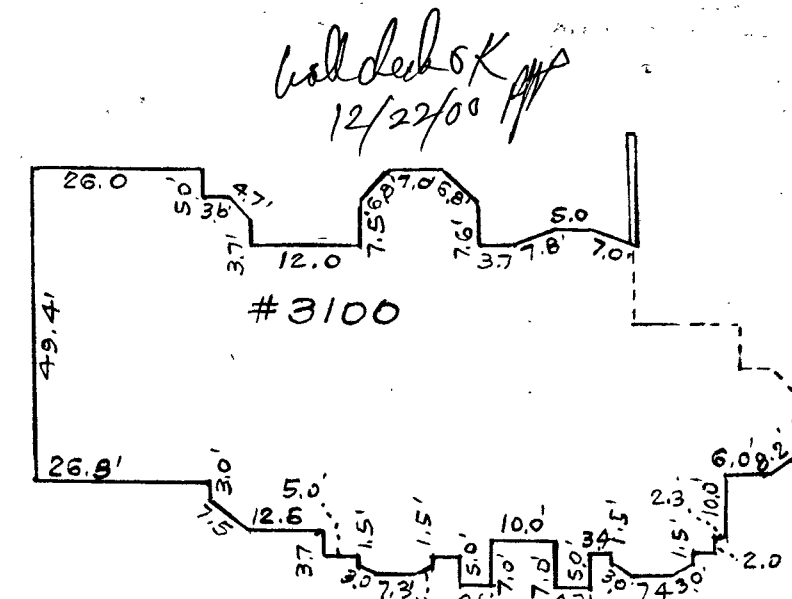
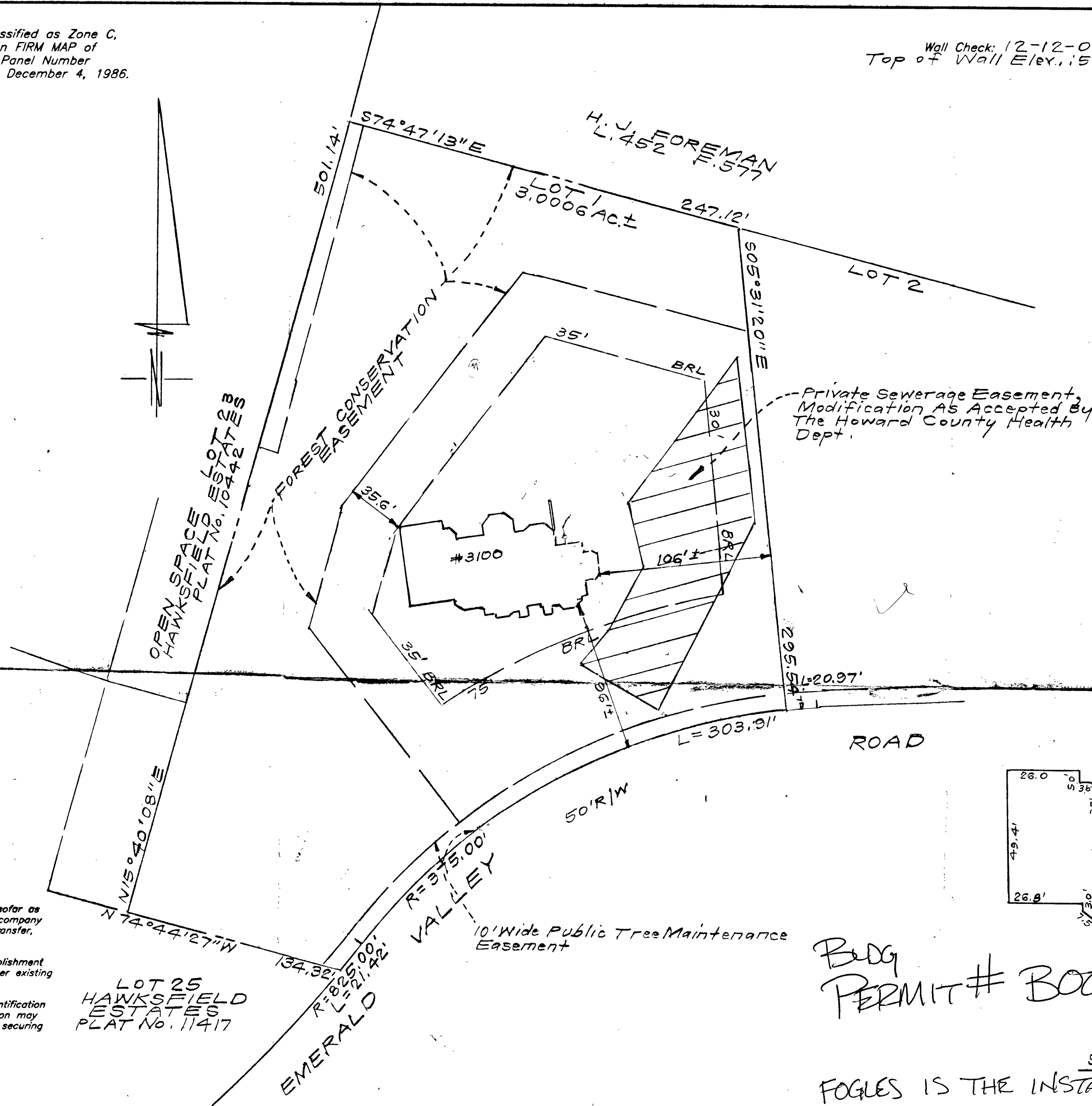
20' R/W (L.3410/F.3000)
ABANDONED BY THIS PLAT

PREVIOUSLY
RECORDED
LINE TO BE
ABANDONED
THIS PLAT

IRON PIPE FOUND ON
LINE 19.86' FROM (523)

NOTE: This lot appears to lie in an area classified as Zone C, area of minimal flooding, as shown on FIRM MAP of Howard County, Maryland, Community Panel Number 2400440016B, Panel 16 of 45, dated December 4, 1986.

Wall Check: 12-12-00
Top of Wall Elev.: 524.3



CONSUMER INFORMATION

1. This plat is of benefit to the consumer only insofar as it is required by a lender of a title insurance company or its agent in connection with contemplated transfer, financing or refinancing purposes;
2. This plat is not to be relied upon for the establishment or location of fences, garages, buildings or other existing or future structures;
3. This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.

LOT 25
HAWKSFIELD
ESTATES
PLAT No. 11417

Permit # B00127210 LOT 1
HAWKSFIELD

SCALE: 1"=30'

FOGLES IS THE INSTALLER

Plat Reference: Plat No. 13789

SURVEYOR'S CERTIFICATE


I hereby certify that a field survey of this property has been made under my supervision for the purpose of locating the boundaries shown hereon, and that they are located as shown.



12-14-00
DATE

NOTES:

1. The ± setback distance accuracy = 1'.

 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED	LOCATION DRAWING 3100 EMERALD VALLEY ROAD	SCALE 1"=50'
DRAWN KWC	LOT 1 HAWKSFIELD ESTATES	DRAWING
CHECKED PAS	SECTION TWO LOTS 1 THRU 6	JOB NO.
DATE 12-13-00	A RESUBDIVISION OF LOT 19 HAWKSFIELD ESTATES PLAT #10443 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 99-128-0