

3/12/98
Mico
3/17/98
ASAP C.O

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59349

A 50474-C

DISTRICT 4th

DATE 1-31-98

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

358031

DATE SYSTEM APPROVED 3/17/98

INSPECTOR D/S

INDEXED

Arma-gesch Build. Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 1431 Monkton Rd Monkton, MD 21111 PHONE 329 8200

SUBDIVISION Wellington, Sec. III LOT 71 ROAD 2916 Hunt Valley Drive

PROPERTY OWNER Thomas & Christine Rodkey

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4 5 known on 4/5/02 per BP Application (SRU)

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 160 feet up the right (392.14') lot line and 15 feet off that same lot line as seen when facing the lot from Hunt Valley Drive. Run trenches on contour toward Hunt Valley Drive.

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 10/24/97

PLANS APPROVED BY Amy McMillen DATE 10/16/97

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

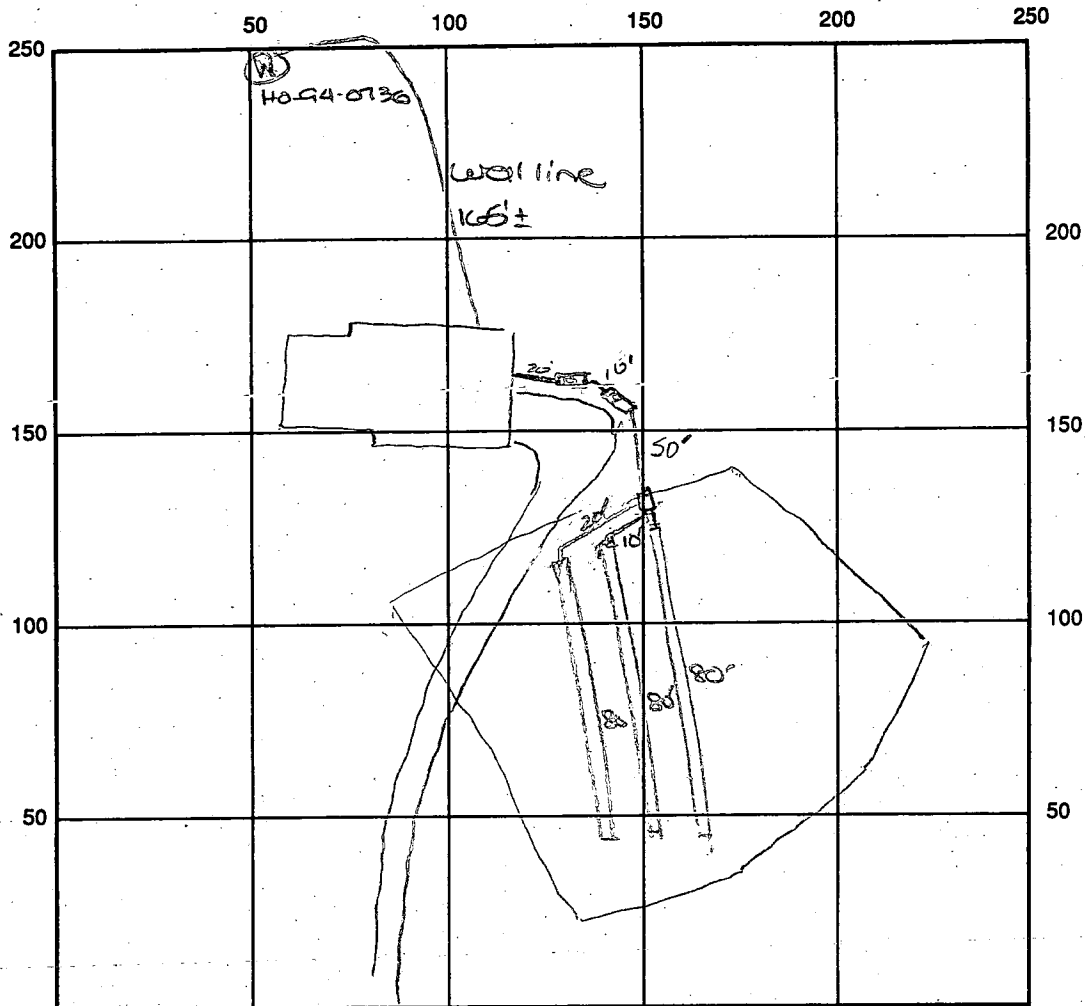
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BUILDING PERMIT SIGNATURE AND RETURNED 4/18/02
600 BS 312-2 STORY ADD.
82501 500150013-DECK + PATIO

A 50474-C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK - 1250 gal s.t. / 1000 gal CLEANOUTS one on each tank
 DISTRIBUTION BOX LEVEL OK / future pump

DRAIN FIELD/TITLE DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 3 x 80 FT. → 240

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/31/98 Site insp showed drive way intrusion to SAA to be no more than 12" deep on approved BP plan - grading OK - installer to attempt gravity to 2nd bed of SAA - OK if it works - 2 septic tanks in series - going to attempt 2 - 110' trenches to save area. ALM

3/17/98 FINAL INSP - OK to cover all work, DCS

3/17/98 WPI - Well line, p.d. 4' b.g. / casing 1' a.g. / 2 pc cap - OK to cover

DATE SYSTEM APPROVED 3/17/98 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 504740

P _____

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

DISTRICT _____

DATE 12-30-94

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 SECURITY DEVELOPMENT CORP. THOMAS + CHRISTINE RODKEY

ADDRESS P.O. Box 417 ELLICOTT CITY, MD. 21041 PHONE (410) 465-4244

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT CORP.

ADDRESS P.O. Box 417 ELLICOTT CITY MD. 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION WELLINGTON 2 LOT NO. 53 55

ROAD AND DESCRIPTION 2916 HUNT VALLEY DRIVE

TAX MAP 14 & 21 PARCEL # 73 & 74

SIZE OF LOT 1.5 AC. ± TYPE BLDG. SINGLE FAMILY DWELLING
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 10-16-97
Serial # B00108212-4Bun

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]
(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 _____

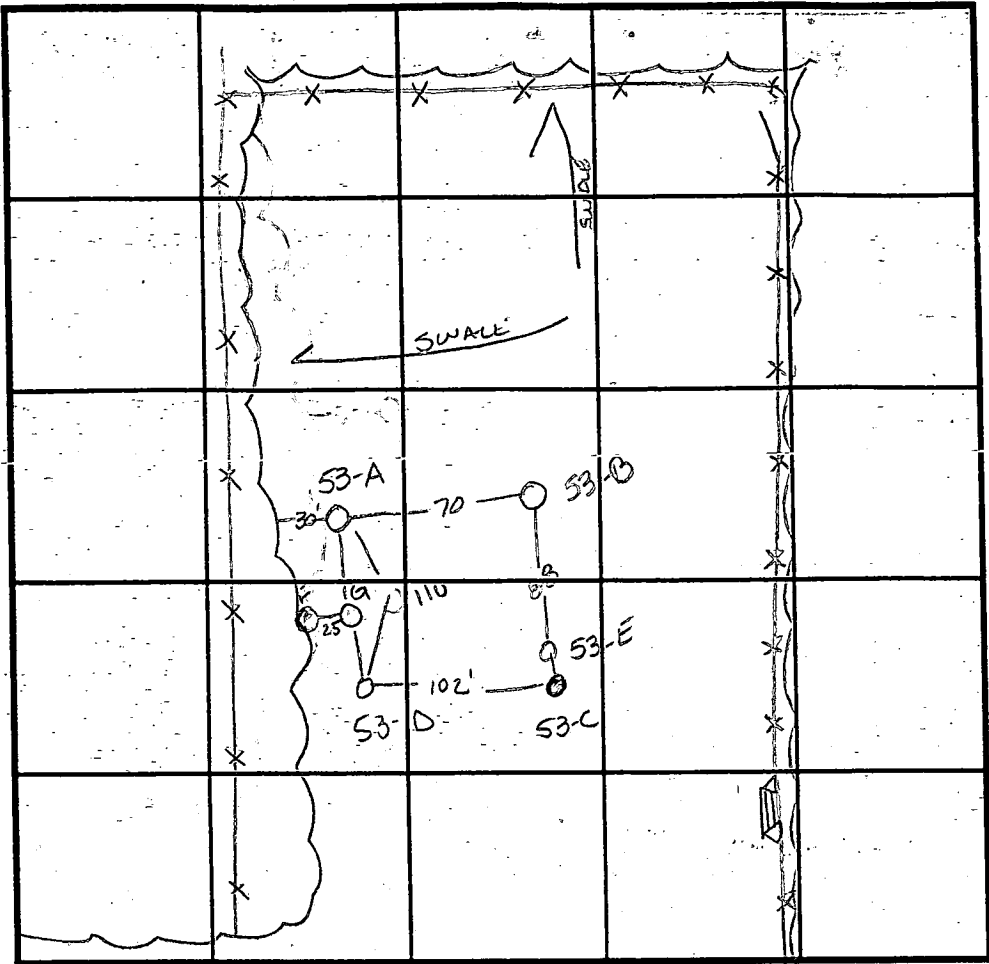
THIS IS NOT A PERMIT

SOIL PROFILE

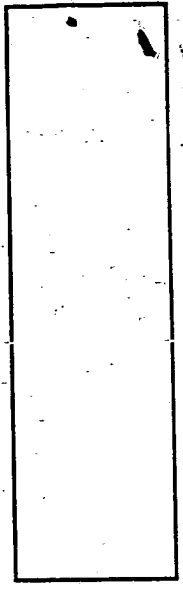
0' 53-A 53-E
brn CL
1' reddish brn SiCL
4' orange reddish brn SiSL
50% 1-3" dia rock

53-D
4' bright red SiCL
red SiL
7' tan SiSL

53-b
6" brn CL
reddish SiSL
3.5' lgt brn SiSL 20% large rock frags a lot of soil



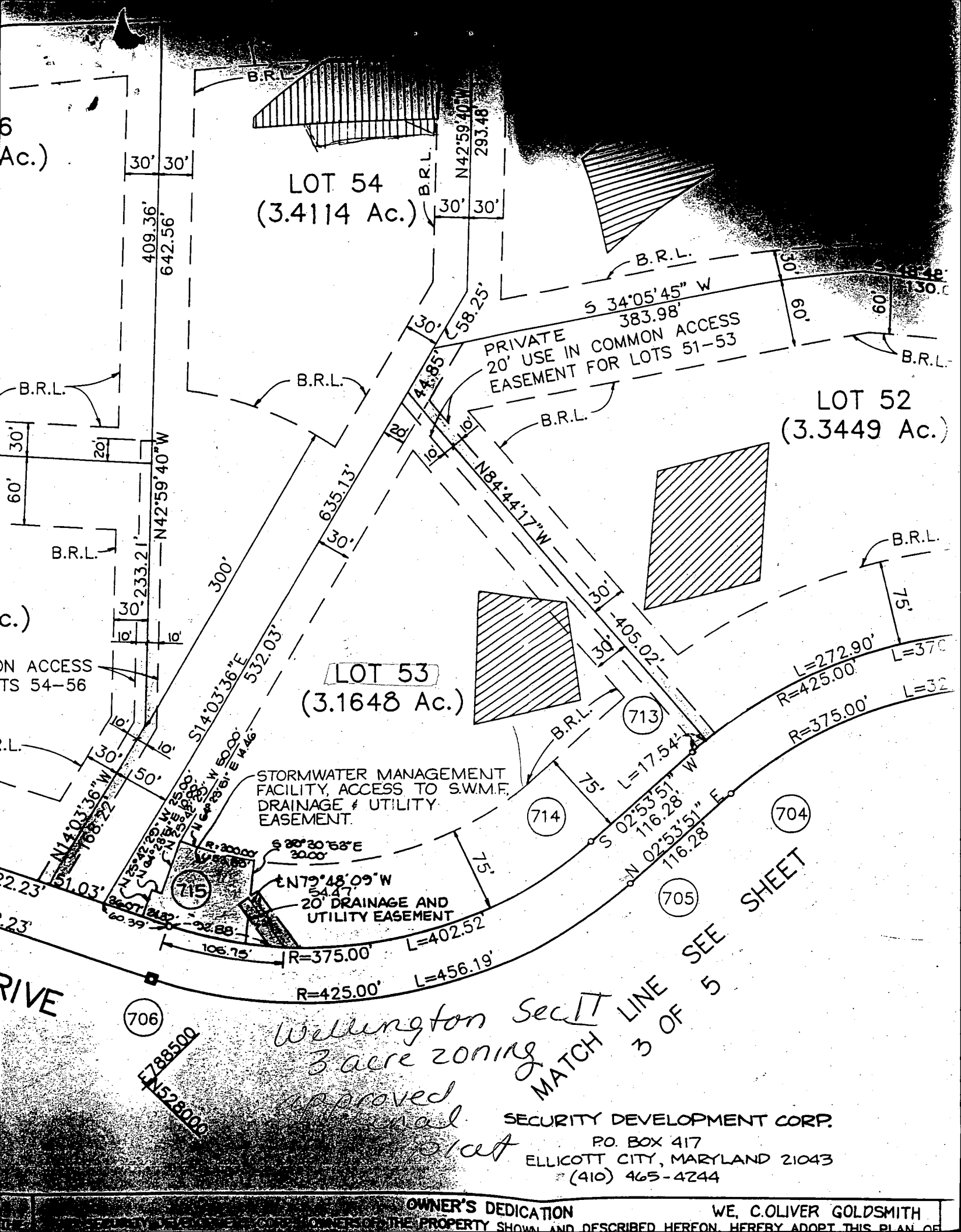
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1-18-95	53-A	5' / 11.5	6:23 ⁴⁵	6:26	6:26	6:31 ³⁰	5 1/2 min
	53-D	6' / 11.5	6:32 ⁴⁵	6:37 ³⁰	6:37 ³⁰	6:45	7 1/2 min
	53-C	Hard	bottom	7'			F
	53-E	5' / 11.4	6:45 ⁴⁵	6:48	6:48	6:52 ⁴⁵	4 3/4 min
	53-B	4.5' / 10.5	6:57 ¹⁵	6:57 ⁴⁵	6:57 ⁴⁵	6:58 ³⁰	45 sec
	53-B	4.5' / 10.5	6:58 ⁴⁵	7:00	7:00	7:01 ³⁰	1 1/2 min
	53-B	4.5' / 10.5	7:02 ¹⁵	7:04	7:04	7:06 ⁴⁵	2 3/4 min
	53-F	Visual to 9'	> 50% rock		-		F

REMARKS _____
 TYPE OF SOIL _____
 TESTED BY Amy McMillen ALSO PRESENT Clark Sperry
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



LOT 54
(3.4114 Ac.)

LOT 52
(3.3449 Ac.)

LOT 53
(3.1648 Ac.)

PRIVATE
20' USE IN COMMON ACCESS
EASEMENT FOR LOTS 51-53

STORMWATER MANAGEMENT
FACILITY, ACCESS TO S.W.M.F.,
DRAINAGE & UTILITY
EASEMENT.

20' DRAINAGE AND
UTILITY EASEMENT

*Wellington Sect 11
3 acre zoning
approved*

*MATCH LINE 3 OF 5
SEE SHEET*

SECURITY DEVELOPMENT CORP.
P.O. BOX 417
ELLCOTT CITY, MARYLAND 21043
(410) 465-4244

OWNER'S DEDICATION WE, C. OLIVER GOLDSMITH
OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF

B 1 **3082** 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
40-94-0736
 fill in this form completely

Date Received (APA) **031996** OWNER INFORMATION
S MC CONTRACTORS
 15 Last Name 34 Owner First Name
PO BOX 417
 36 Street or RFD 55
EARICOTT CITY M D G 1047
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD COUNTY
WELHLINGTON II SUBDIVISION
 SECTION **71** LOT **71**
GLENWOOD NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2** MI

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD
Joseph L. Mayne License No. **24**
Joseph L. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy Md. 21771
Joseph L. Mayne Date **3/19/96**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 NEAR WHAT ROAD **Hunt Valley Dr.**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
340 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 Co. COUNTY NAME **A50474-C** COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED **032996** EXP. DATE **3/29/97**
A. McMiller CO SIGNATURE
 NORTH GRID **530000** EAST GRID **0790000**

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 (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER **GAP**
 FORCE **AM** WRITE INITIALS IN BOX PERMIT No. **40-94-0736**

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

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

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

 COUNTY

C 1 477

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: A50474-C

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM: "PERMIT TO DRILL WELL"

8 13

15 20 041296

22 26 380 (TO NEAREST FOOT)

28 37 40-94-0736

OWNER SBC Contractors STREET OR RFD Hunt Valley Drive TOWN Glenwood SUBDIVISION Wellington SECTION III LOT 71

WELL LOG

Not required for driven wells

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

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-15) and Gray Mica Rock (15-380).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CM, BC) NO. OF BAGS 6 NO. OF POUNDS 564 GALLONS OF WATER 36 DEPTH OF GROUT SEAL (0-20 ft)

CASING RECORD

MAIN CASING TYPE (ST, PL, CO, OT) Nominal diameter top (main) casing (6 inch) Total depth of main casing (22 feet)

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT) SLOT SIZE 1 2 3 DIAMETER OF SCREEN

C 2

Table for casing height with columns for depth (nearest ft.) and rows for casing height (+ above, - below).

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

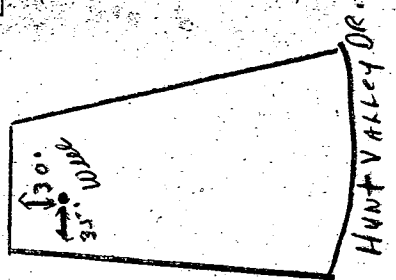
HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 51 ft. WHEN PUMPING 302 ft. TYPE OF PUMP USED (for test) S submersible

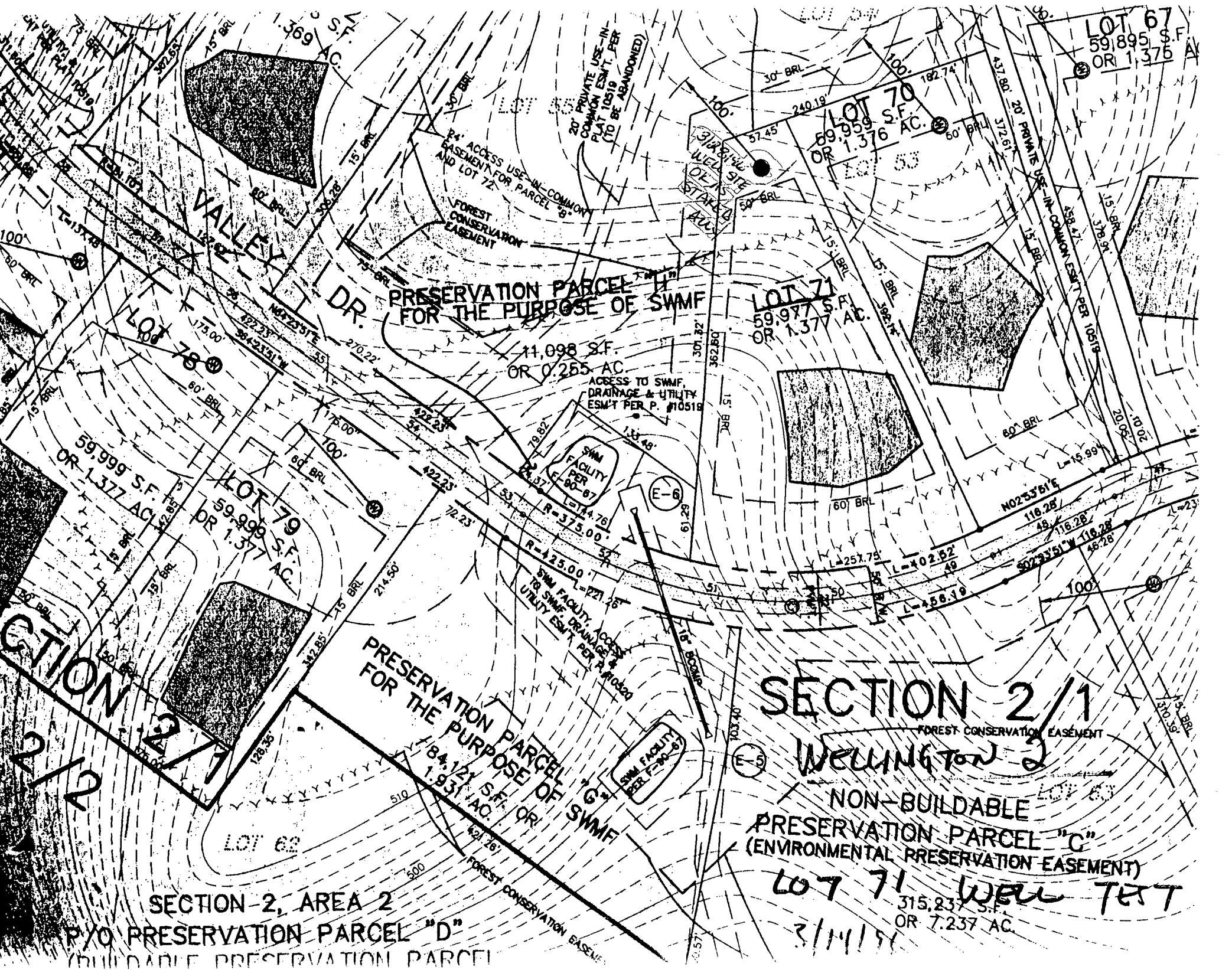
PUMP INSTALLED

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) LAND SURFACE 2 (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)





LOT 67
59,895 S.F.
OR 1,376 AC

LOT 70
59,959 S.F.
OR 1,376 AC

LOT 71
59,977 S.F.
OR 1,377 AC

LOT 78
59,999 S.F.
OR 1,377 AC

LOT 79
59,999 S.F.
OR 1,377 AC

PRESERVATION PARCEL "B"
FOR THE PURPOSE OF SWMF
11,098 S.F.
OR 0.255 AC

PRESERVATION PARCEL "G"
FOR THE PURPOSE OF SWMF
84,121 S.F.
OR 1.931 AC

SECTION 2/1

WELLINGTON 2

NON-BUILDABLE
PRESERVATION PARCEL "C"
(ENVIRONMENTAL PRESERVATION EASEMENT)

LOT 71 WELL TEST

315,237 S.F.
OR 7.237 AC

3/14/91

SECTION 2, AREA 2

PXO PRESERVATION PARCEL "D"
(NON-BUILDABLE PRESERVATION PARCEL)

20' PRIVATE USE-IN-COMMON
EASEMENT FOR PARCEL "B"
PLAT 10516
(TO BE ABANDONED)

24' ACCESS USE-IN-COMMON
EASEMENT FOR PARCEL "B"
AND LOT 72

FOREST CONSERVATION
EASEMENT

ACCESS TO SWMF,
DRAINAGE & UTILITY
ESMT PER P. #10518

SWMF FACILITY
PER P. #10520

SWMF FACILITY
PER P. #10519

FOREST CONSERVATION EASEMENT

FOREST CONSERVATION EASEMENT

SECTION 2/1

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Approved Septic System Plan
Howard County Health Department

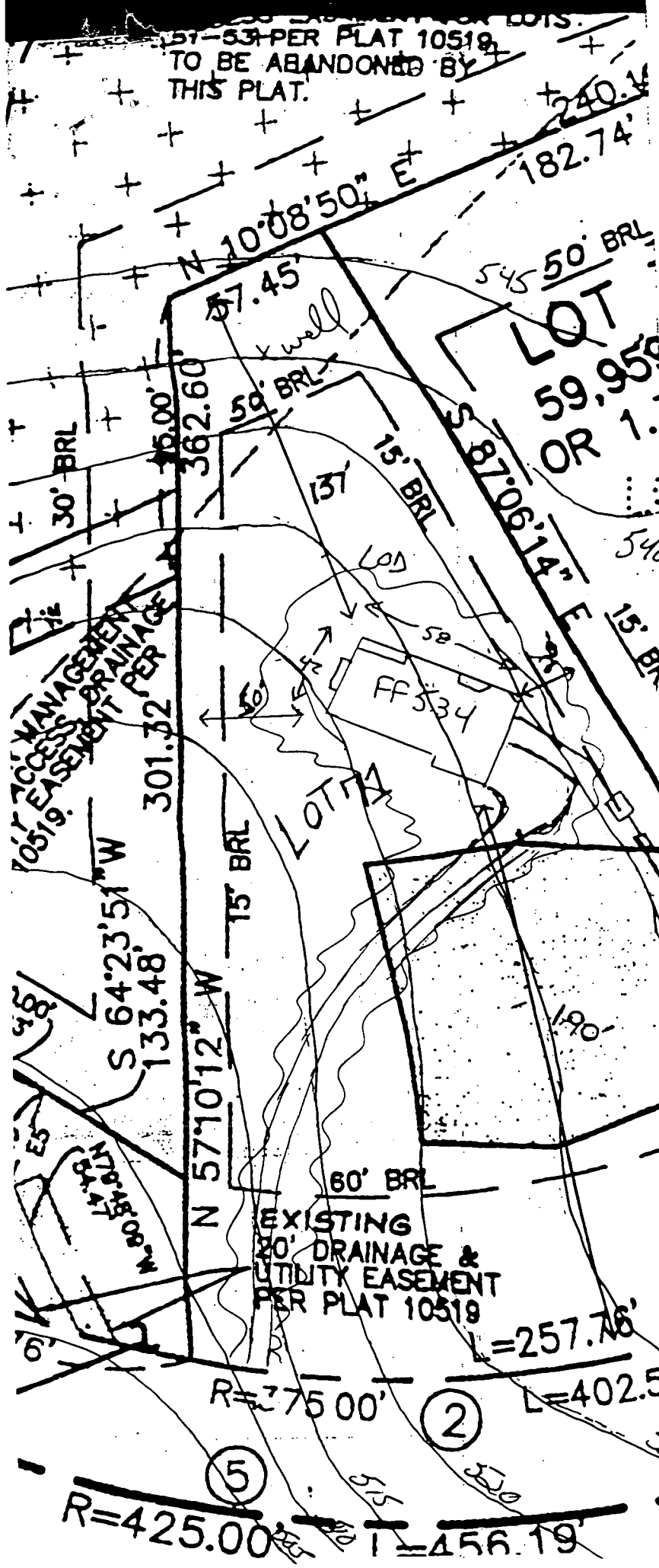
Amy M. Miller 10/16/97
Signature Date

Total linear feet of trench required 240 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 6.0 feet

Depth of stone required below distribution pipe 2.0 feet



APPROVED

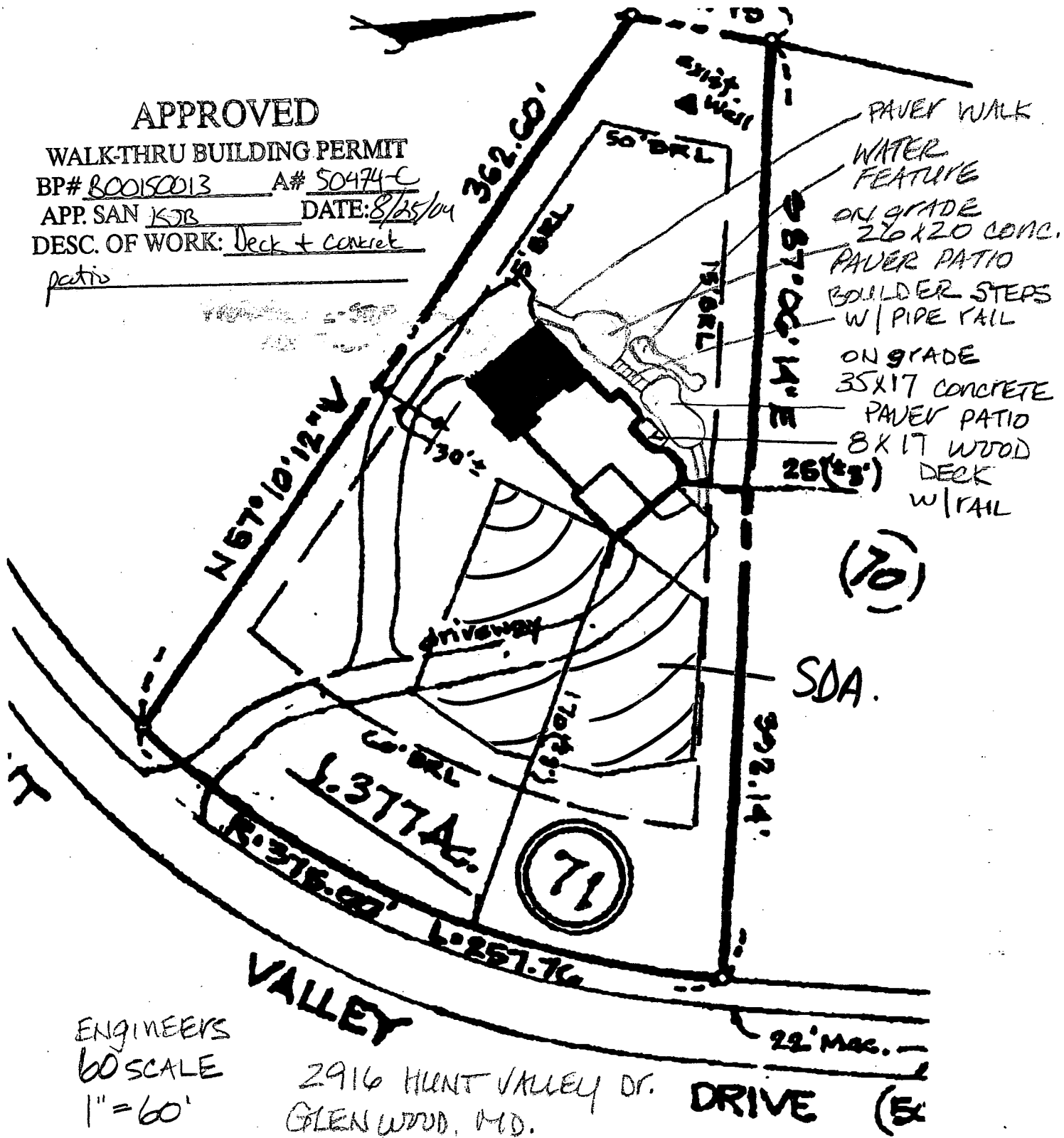
WALK-THRU BUILDING PERMIT

BP# 800150013 A# 50474-C

APP. SAN KJB DATE: 8/25/04

DESC. OF WORK: Deck + concrete

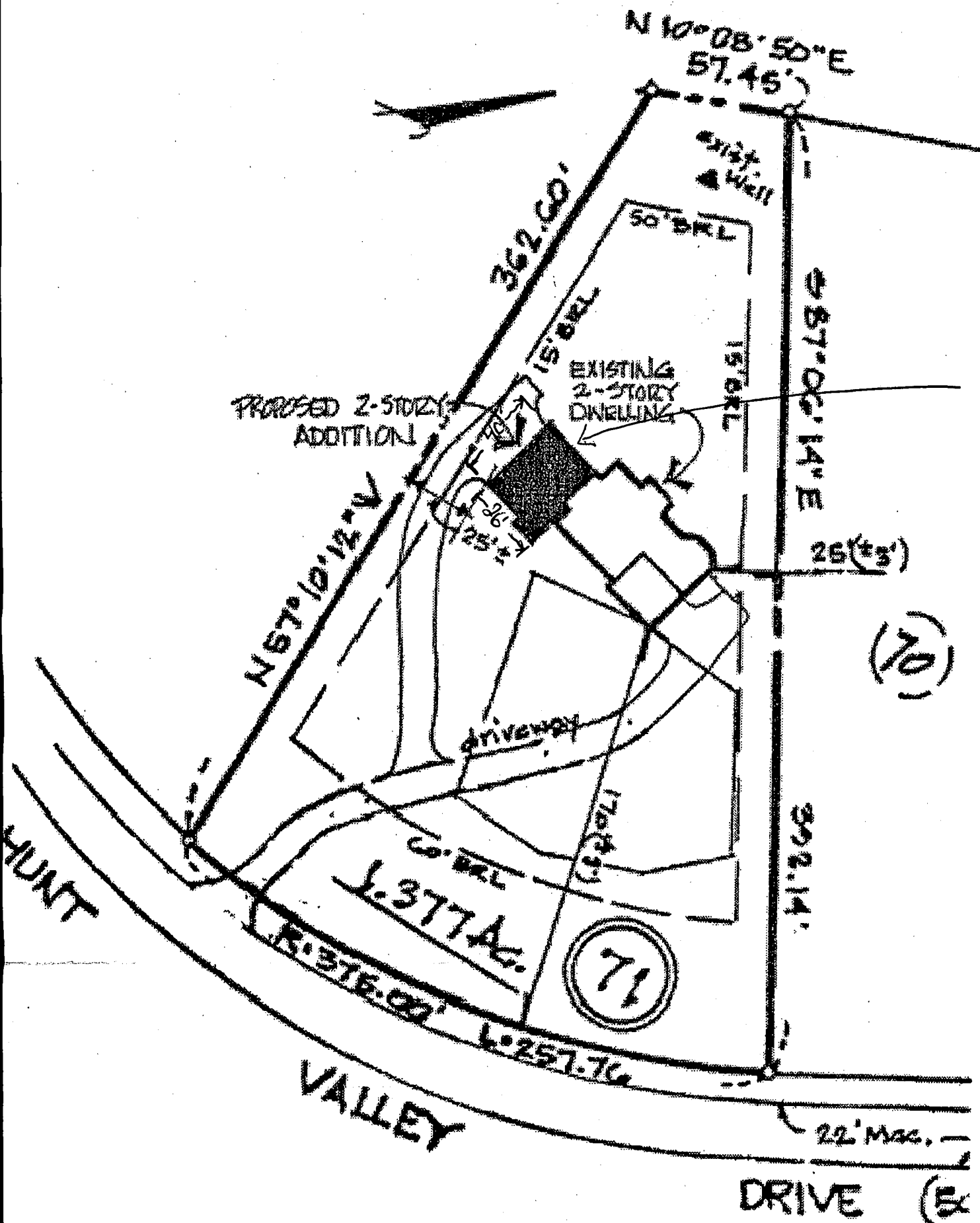
patio



ENGINEERS
60 SCALE
1" = 60'

2916 HUNT VALLEY DR.
GLEN WOOD, MD.
21797

DRIVE (E)



B00135 312
 4/18/02
 Proposed addition OK
 Telephone conversation
 w/ homeowner about
 current # of bedrooms
 & future use of
 den/game room.
 (SRK)