

8/31/99
1 P.M.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-361628

P 512658

A 57313-L

DISTRICT _____

DATE 8/10/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 8/31/99

INSPECTOR S.R.K.

INDEXED

SK Backhoe & Septic Services IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 1220 FSK Highway, Keymar, MD 21757 PHONE 301-898-0955

SUBDIVISION Sycamore Valley LOT 11 ROAD 3724 Championship Drive

PROPERTY OWNER Trinity Builders

ADDRESS _____

TOP SEAMED SEPTIC TANK REQUIRED

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 2.0 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 334.68' and 212.61' lot lines, begin trenches 160 feet up the 334.68' lot line and 10 feet off that same lot line. Run trenches on contour towards the rear lot line.

NOTES - MAINTAIN 100 FEET FROM SEPTIC TANK TO WELL.
- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/13/99 JD

PLANS APPROVED BY Amy McMillen DATE 6-29-1999

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)

B00118868 SFD
6/29/99

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

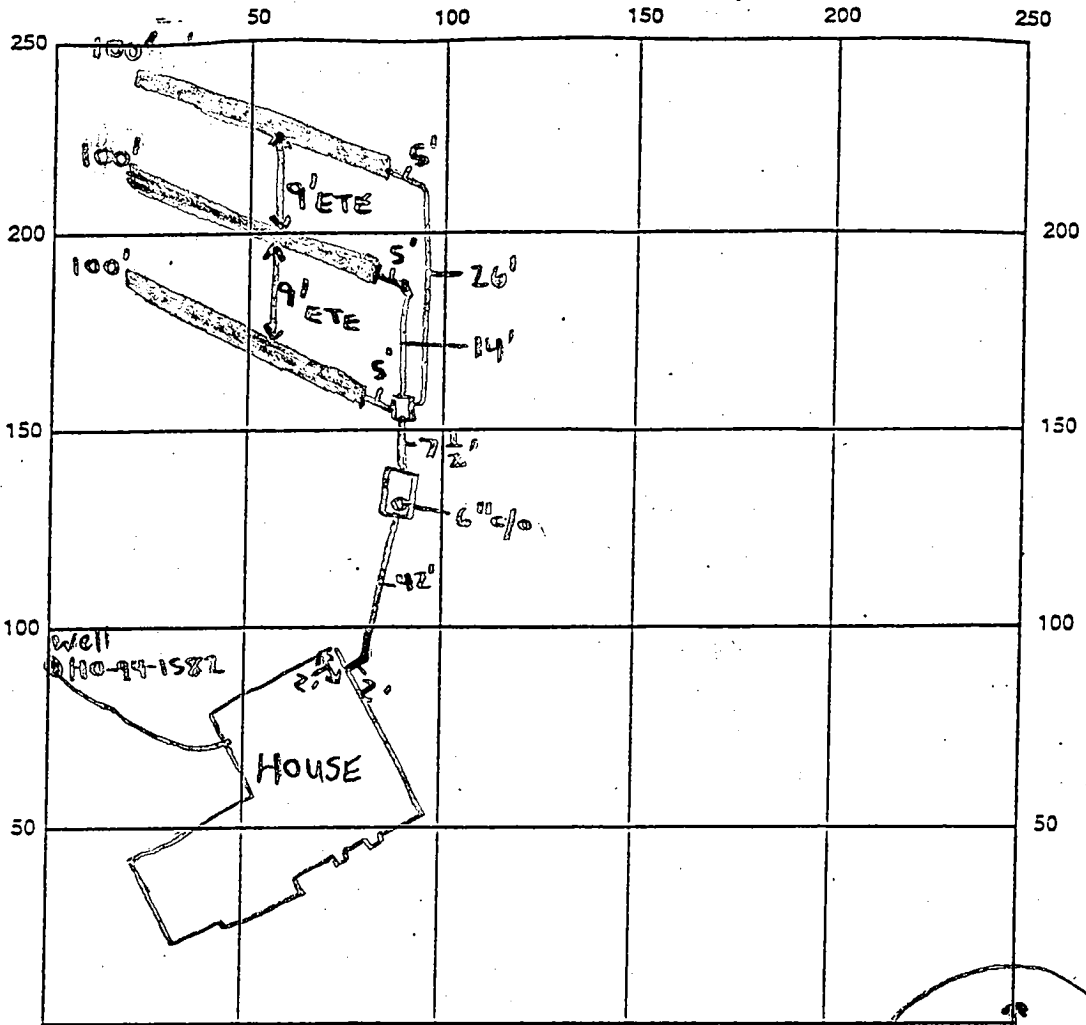
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

11 57313-L



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE CHAMPIONSHIP DRIVE

SEPTIC TANK LEVEL 1500 gallon Top Seamed CLEANOUTS 6" @ Tank

DISTRIBUTION BOX LEVEL ✓ Baffle is in

DRAIN FIELD/TILE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 300 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.

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

ABSORBENT AREA N/A SQ. FT.

REMARKS: 8/31/99 - OK TO COVER ALL WORK, WPTI OK - SR10

DATE SYSTEM APPROVED 8/31/99 INSPECTOR Steven R. Krieg

HOWARD COUNTY HEALTH DEPARTMENT
 Bureau of Environmental Health
 3525-N Ellicott Mills Drive
 Ellicott City, MD 21043
 461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement
 Receipt # _____ Date _____
 Name of Installer S.K. Plumbing & Heating Inc Telephone 410-775-0822
 License Number 12285
 Certified Well Pump Installer _____ Well Driller _____ Registered Plumber Yes
 Name of Property Owner Trinity Homes Telephone 410-313-8722
 Subdivision Sycamore Valley Lot # 11 Well Tag # NO - 74 - 1592
 Site Address 3724 Championship Dr

Pump

1. Type	Motor	Pitless Adapter
a. Deep well jet _____	1. Horsepower <u>3/4</u>	1. Make _____
b. Shallow well jet _____	2. RPM _____	2. Model # _____
c. Submersible <u>Yes</u>	3. Voltage _____	3. Depth <u>42"</u>
2. Make <u>Saner</u>	a. 110 _____	
3. Model # _____	b. 220 <input checked="" type="checkbox"/>	
4. Capacity <u>5</u> GPM		
5. Pump exceeds well capacity Yes _____ No <input checked="" type="checkbox"/>		
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____		
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other <u>None</u>		

Tank

1. Capacity <u>Well-trail 302</u>	Piping	Well data
2. Pressure relief valve? <u>Yes</u>	1. Type <u>P.E.</u>	1. Depth <u>310</u> ft.
	2. Size <u>1"</u>	2. Yield <u>15</u> GPM
	3. NSF and/or BOCA Code approved <u>Yes</u>	3. Static water level <u>45</u> ft.
	4. Depth of supply line <u>42"</u>	4. Will water supply be disinfected by installer? <u>Yes</u>

8/2/99 - WPS on (SRU)

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

All information given above is true to the best of my knowledge.
 Signature of Applicant: _____
 Date: 1-3-2000

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

C1 01886 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A57313

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 07 28 98

Depth of Well 310 (TO NEAREST FOOT) PERMIT NO. 110-94-1582

OWNER: Mid Atlantic Development last name first name STREET OR RFD: Championship Dr. TOWN: Glenwood SUBDIVISION: Devlin Property SECTION: LOT: 11

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Brown sandstone, Grey Granite, Green Granite, White Quartz.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 10 NO. OF POUNDS 240 GALLONS OF WATER 60 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 39 ft.

CASING RECORD

MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 39

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

DEPTH (nearest ft.) table with rows for casing types and depths.

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 15.0 METHOD USED TO MEASURE PUMPING RATE WATER & BUCKETS WATER LEVEL (distance from land surface) BEFORE PUMPING 45 ft. WHEN PUMPING 54 ft. TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. 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 - below 3 (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)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER 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. M 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. JW 341 Max A. Jones

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

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

See Attached

B 1	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 <u>HO-94-1582</u> <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) 06 05 98

MID-ATLANTIC DEVELOPMENT, II, LLC
 Last Name Owner First Name

5006 DORSEY HALL DRIVE SUITE 200
 Street or RFD

ELIOTT CITY, MD 21042
 Town State Zip

LOCATION OF WELL

HOWARD COUNTY

DEVLIN PROPERTY SUBDIVISION

SECTION 11 LOT 11

GREENWOOD NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 1 M

DRILLER INFORMATION

MICHAEL BARLOW MWD 355
 Driller's Name License No.

MICHAEL BARLOW WELL DRILLING SRV. INC
 Firm Name

912 FAWN COURT, JOPPA, MD 21085
 Address

[Signature] 6-3-98
 Signature Date

CHAMPIONSHIP DRIVE NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 335 37
 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: _____ BLK: _____ PARCEL _____

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co. COUNTY NAME A57313 COUNTY NO.

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED 6/12/98 A McMillen 6/12/99
 CO SIGNATURE EXP. DATE

NORTH GRID 522 0 0 0 EAST GRID 792 0 0 0
 50 55 57 63

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 APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" 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) _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1.
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

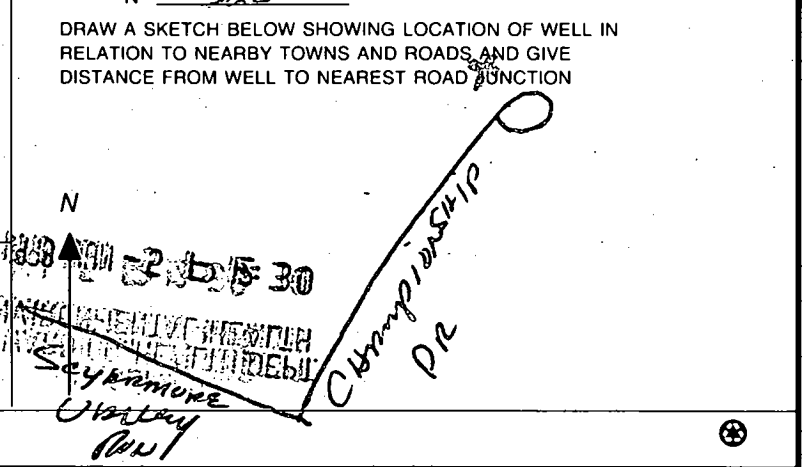
E 792 000 X
 000

N 522

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

APPROP. PERMIT NUMBER _____ G A P _____

WRITE INITIALS IN BOX FORCE AM PERMIT No. HO-94-1582



6-12-98 Well site OK as shown
 Site staked by a licensed
 surveyor - Field inspection
 not useful due to the
 lack of property markers
 or visible test holes in an
 open field.

LOT 14
 COUNTRYSIDE
 PLAT No. 4783

LOT
 COUNTRYSIDE
 PLAT No. 4783

LOT 11
 COUNTRYSIDE
 PLAT No. 4783

3/4" ϕ Iron Pipe
 Found (0.28' off Title Line)
 N 32°03'56" E

A McMele
 Found (0.08' off Title Line)
 WOOD SHED

3/4" ϕ Iron Pipe
 Found (0.17' off Title Line)

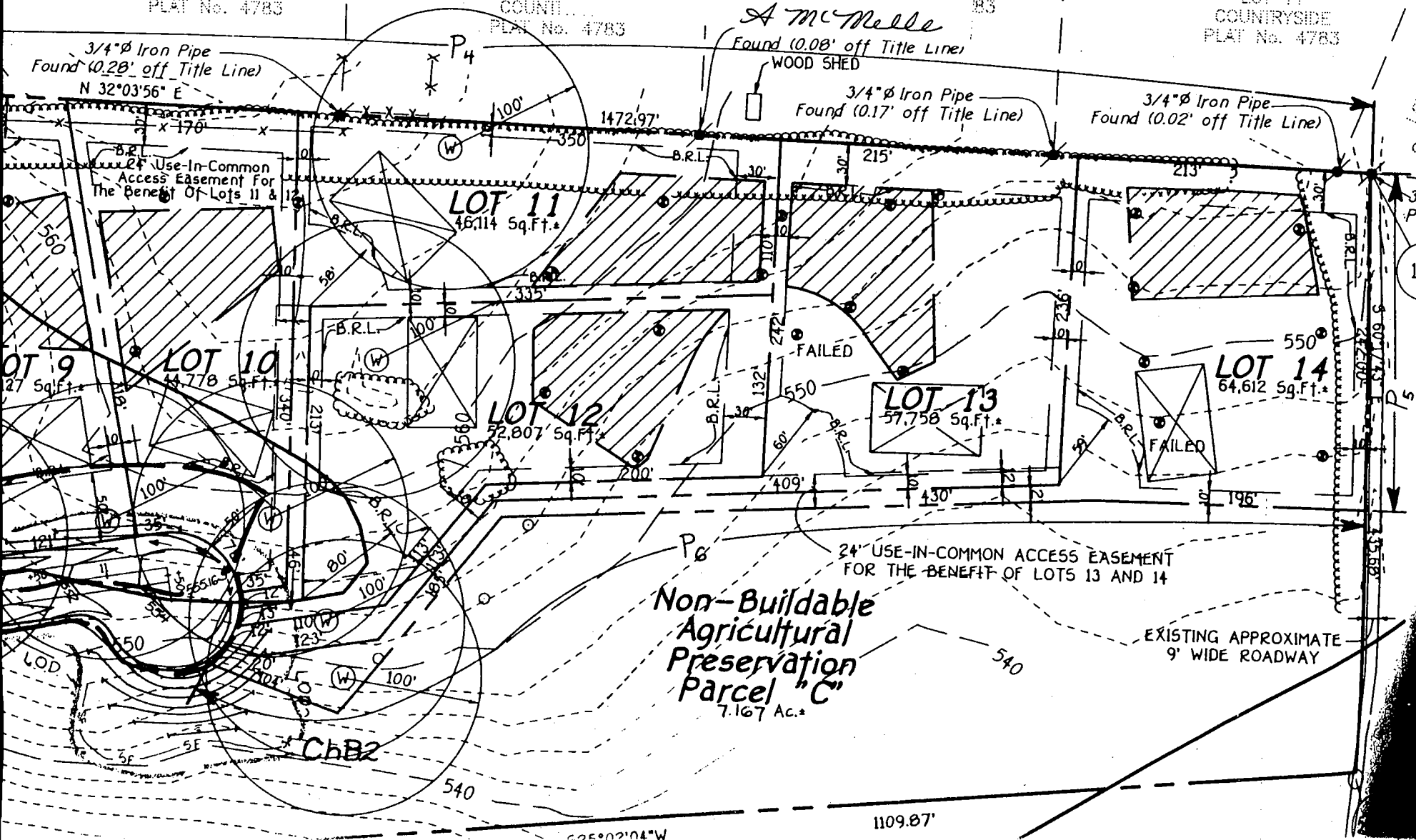
3/4" ϕ Iron Pipe
 Found (0.02' off Title Line)

LOT 10
 COUNTRYSIDE
 PLAT No. 4783

3/4" ϕ Iron
 Pipe Found
 (Held)

115

SECTION
 PLAT No. 3706



APPLICATION

PERCOLATION TESTING

A 57313

P _____

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

DISTRICT _____

DATE 10/9/96

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 Frances Devlin Trinity Builders

ADDRESS 15005 Hickory Ridge Rd Ste 215 PHONE 740-2100
Cal. MD 21047

AGENT OR PROSPECTIVE BUYER Land Design and Development

ADDRESS 15005 Hickory Ridge Rd Ste 215 PHONE 740-2100
Cal. MD 21047

PROPERTY LOCATION:

SUBDIVISION Devlin Property LOT NO. _____

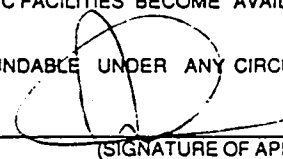
ROAD AND DESCRIPTION Sycamore Run Road
(3724 Championship Drive)

TAX MAP _____ PARCEL # _____

SIZE OF LOT 10 x 1 acre TYPE BLDG. Single - 5 Brms.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

~~PERMIT SKIPPED~~
~~AND RETURNED 6-29-99~~
Serial # B10 118868

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 _____

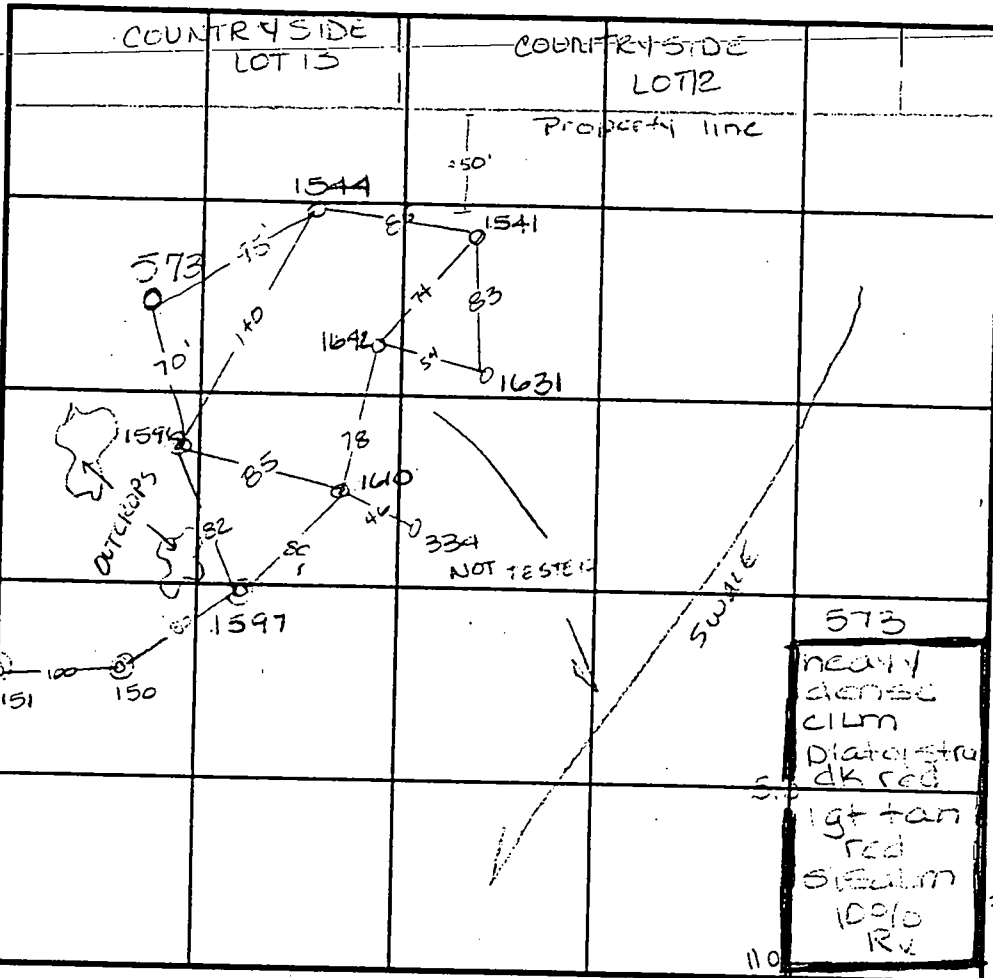
REASONS FOR REJECTION OR HOLDING _____

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

COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
0' 1544
dark orange siltm
3.0 dark orange siltm
8.0 lgt tan siltm

SOIL PROFILE
0' 114
dark orange siltm
4.0 lgt beige brn siltm micaceous
5.0 Rx

1541
dark red siltm
3.0 lgt orange red w/ yellow siltm
10.0 10% Rx

1596
dark red to orange siltm
3.0 pink to orange red siltm

1642
brn orange siltm
4.0 beige siltm
20% Rx
some orange sand mixed
10.0 refusal

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-29-96	1544	4.0 / 10.0	12:35	12:39	12:39	12:43 ³⁰	4 1/2 min
	1544	8.0 / 10.0	12:44 ³⁰	12:47	12:47	12:50	3 min
	1642	Visual only	- see profile -				OK
	1610	4.0 / 10.0	12:54	12:56 ³⁰	12:56 ³⁰	1:00	4 min
	1596	4.0 / 11.5	1:01	1:02 ³⁰	1:02 ³⁰	1:05	3 min
	1597	Refusal at 4.0	4.0		---		F
	1541	3.5 / 11.0	12:54	12:56	12:56	12:58 ³⁰	2 1/2 min
11-18-96	1598	Refusal @ 3.0	3.0		---		F
	1567	Refusal @ 2.0	2.0		---		F
10-7-97	573	Visual to 11.0	- see profile				OK

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

LOT 14
COUNTRYSIDE
PLAT No. 4783

LOT 13
COUNTRYSIDE
PLAT No. 4783

LOT 12
COUNTRYSIDE
PLAT No. 4783

LOT 11
COUNTRYSIDE
PLAT No. 4783

3/4" Iron Pipe
Found (0.17' off Title Line)

3/4" Iron Pipe
Found (0.08' off Title Line)
WOOD SHED

3/4" Iron Pipe
Found (0.17' off Title Line)

3/4" Iron Pipe
Found (0.02' off Title Line)

Use-In-Common
Easement For
Of Lots 11 & 12

LOT 11
46,114 Sq.Ft.*

115

LOT 10
44,778 Sq.Ft.*

LOT 12
52,807 Sq.Ft.*

LOT 13
57,758 Sq.Ft.*

LOT 14
64,612 Sq.Ft.*

24' USE-IN-COMMON ACCESS EASEMENT
FOR THE BENEFIT OF LOTS 13 AND 14

Non-Buildable
Agricultural
Preservation
Parcel "C"
7.167 Ac.*

EXISTING APPROXIMATE
9' WIDE ROADWAY

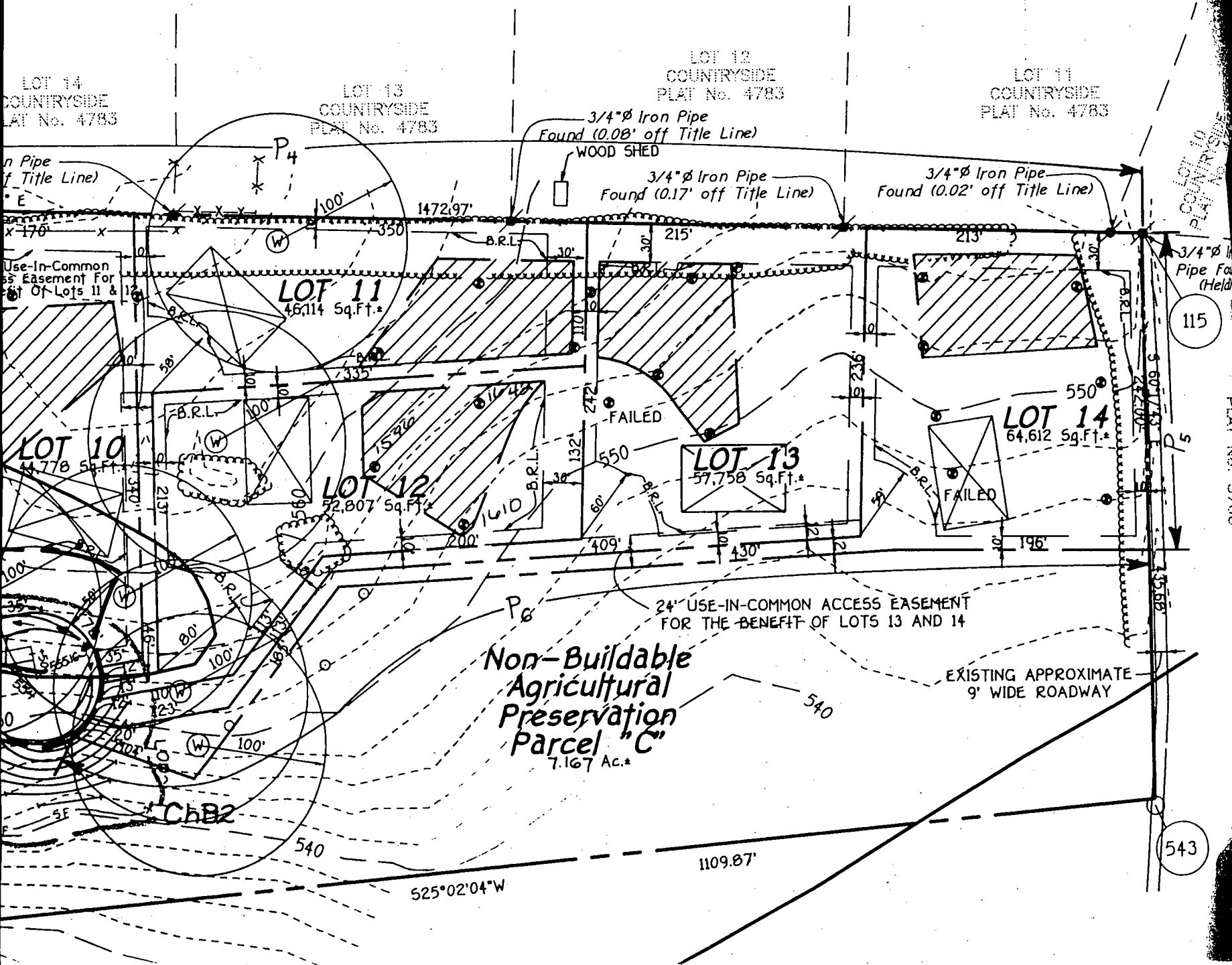
ChB2

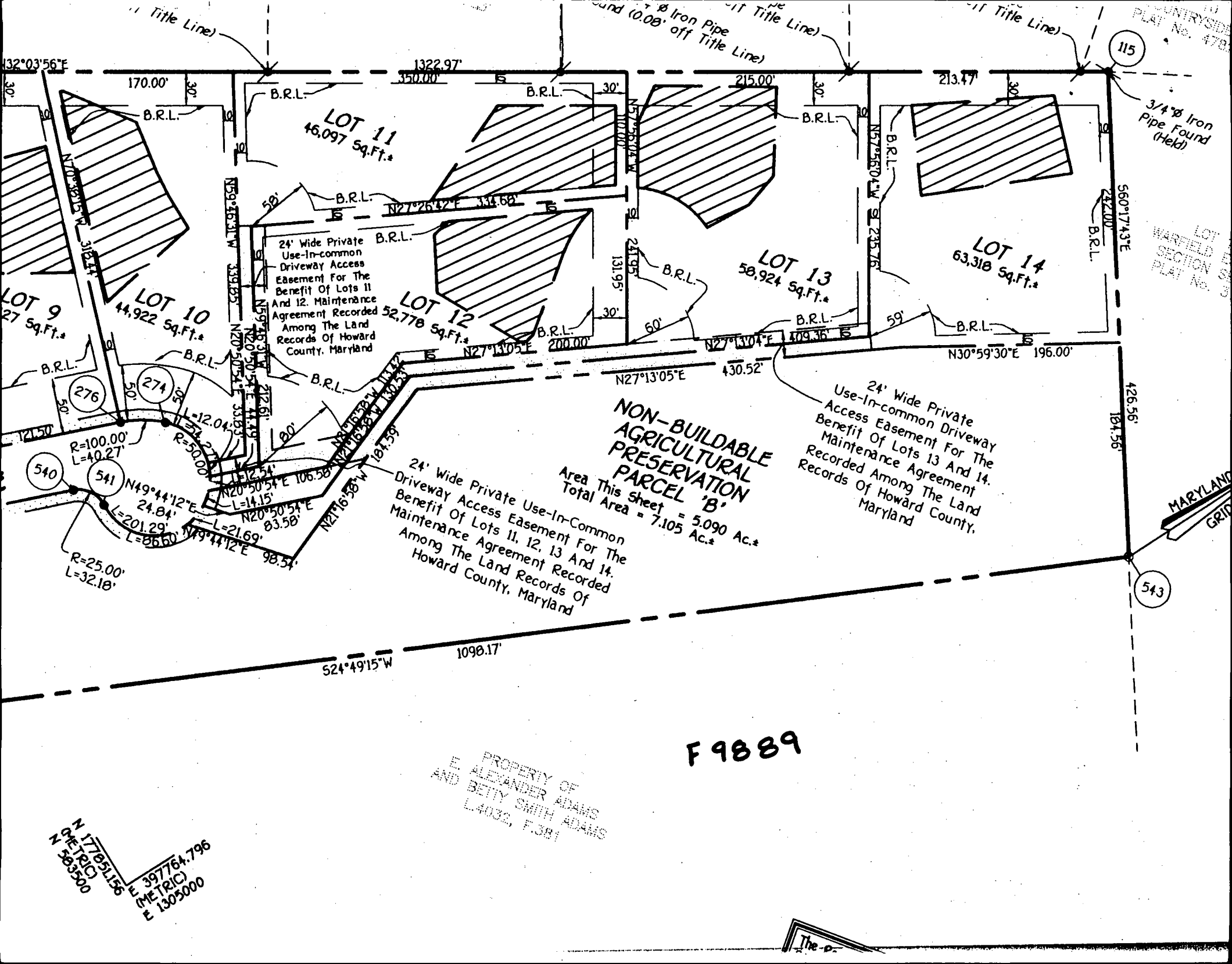
525°02'04"W

1109.87'

543

PLAT No. 3708





COUNTY RECORDS
PLAT No. 478

115

3/4" Iron Pipe Found (Held)

LOT 15
WARFIELD SECTION 5
PLAT No. 3

MARYLAND GRID

543

NON-BUILDABLE AGRICULTURAL PRESERVATION PARCEL 'B'
Area This Sheet = 5.090 Ac.*
Total Area = 7.105 Ac.*

24' Wide Private Use-In-Common Driveway Access Easement For The Benefit Of Lots 11, 12, 13 And 14. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

24' Wide Private Use-In-Common Driveway Access Easement For The Benefit Of Lots 13 And 14. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

F 9889

PROPERTY OF
E. ALEXANDER ADAMS
AND BETTY SMITH ADAMS
L4032, F.381

N 17705156
E 385500
N 397764.796
E 1305000

The



CLARK • FINEFROCK & SACKETT, INC.

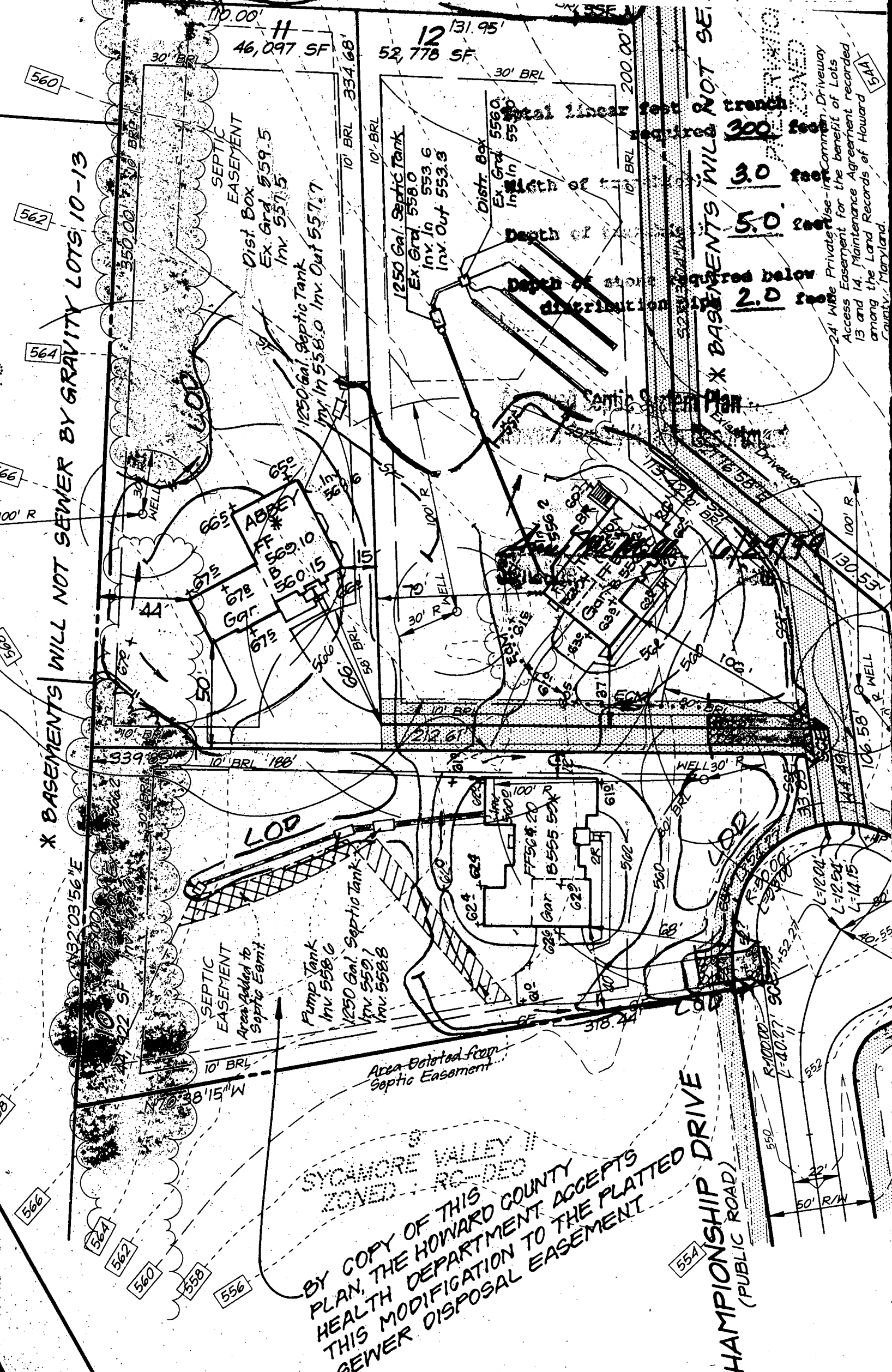
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

* BASEMENTS WILL NOT SEWER BY GRAVITY LOTS 10-13

* BASEMENTS WILL NOT SEWER BY GRAVITY

24' Wide Private Use-irrigation Common Driveway Access Easement for the benefit of Lots 13 and 14. Maintenance Agreement recorded among the Land Records, of Howard County, Maryland



BY COPY OF THIS PLAN, THE HOWARD COUNTY HEALTH DEPARTMENT ACCEPTS THIS MODIFICATION TO THE PLATTED SEWER DISPOSAL EASEMENT

CHAMPIONSHIP DRIVE (PUBLIC ROAD)

560
562
564
566
568
558
556
554