

5/17/96
12:00
water
5/18/96
WPK

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56563 B

A 50387K

DISTRICT 3rd

DATE 4/17/96

DATE SYSTEM APPROVED 5/17/96

INSPECTOR Am

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-
319601

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Benson Branch Estates LOT X4 ROAD ~~13141~~ 13141 Benson Est. Ct
13141 Triadelphia Road

PROPERTY OWNER Hamilton Reed Builders

ADDRESS _____

**BUILDING PERMIT SIGNED
AND RETURNED**

601-05 B00154159-DEUC

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 140 feet up the right (267.24') lot line and 80 feet off that same lot line as seen when facing the lot from the court. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK 12/14/95 KMS*

PLANS APPROVED BY Amy McMillen DATE 8/21/95

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

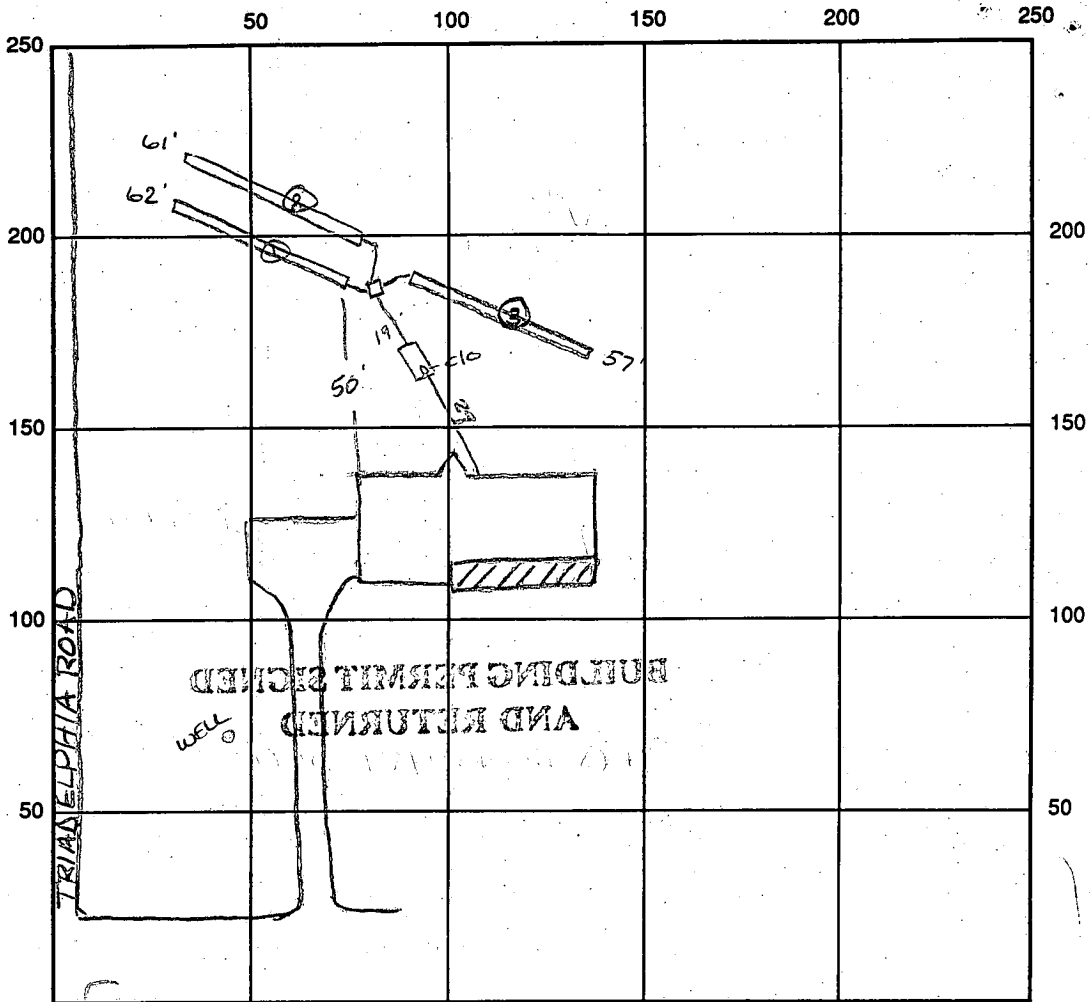
PERMIT VOID AFTER TWO YEARS

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 50387K



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 7.0 FT. TRENCH WIDTH 2.0 FT. INLET DEPTH 8.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH $\frac{062 @ 58}{061} = 181$ feet

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 724 SQ. FT. $\frac{3}{724}$

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

ABSORBENT AREA — SQ. FT.

REMARKS: 5/7/96 ^{10:00am} Trench depth OK. ¹² OK to stone all trenches. ^{12:00pm}
OK to cover final Au

5/8/96 No insp. work on installation at time of insp. OK to cover Au

DATE SYSTEM APPROVED 5/6/96 INSPECTOR Ann McMullen

APPLICATION

PERCOLATION TESTING

A 50387H

P _____

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

DISTRICT _____

DATE 11/10/94

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 Brandt c/o Land Design & Development, Inc.

ADDRESS 10805 Hickory Ridge Road PHONE (410) 740-2100
Columbia, MD 21044

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Brandt Property LOT NO. 11 - Parc Cert

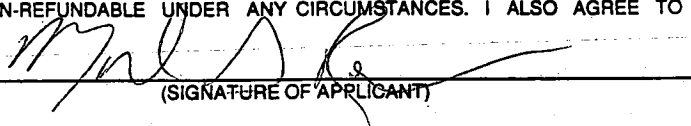
ROAD AND DESCRIPTION Triadelphia Road

TAX MAP 22 PARCEL # 16, 398, 399

SIZE OF LOT 40,000/60,000 TYPE BLDG. single family dwelling - 4 Brms
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 11-29-95
Serial # 62653

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 _____

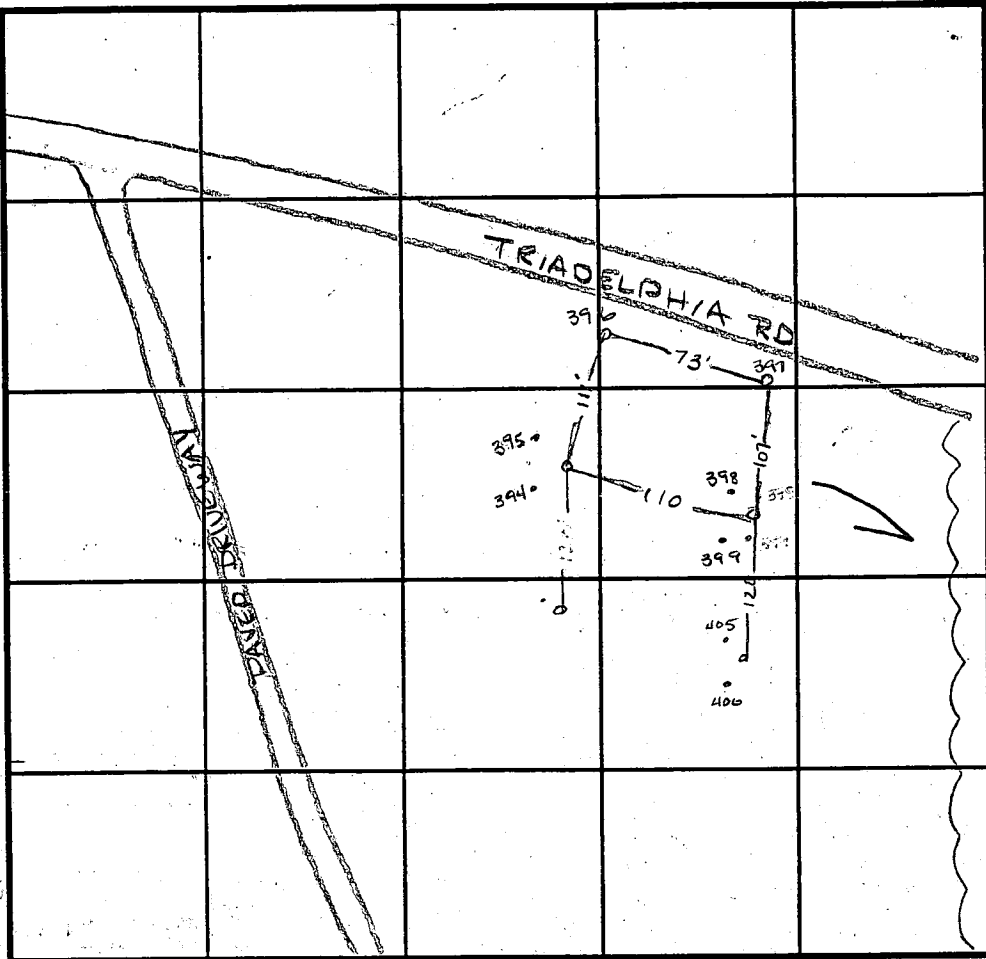
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A50387H
COUNTY #

Lot 11



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

394/395

0' dk
brn/red
C

2' reddish
brn
SiSL

4 1/2' lgt
brn
SL
mica
5-10%
small
shale
brags
OK

11 1/2'

SOIL PROFILE

398/399

0' dk
brn/red
C

2' reddish
brn
SiSL

4.5' lgt brn
SL

7' pocket of white
quartz non-
continuous

8'

mica
5-10%
small shale
brags
OK

12'

396

orange
brn
CL

lgt tan
w/ red
streaks
SiL

pink/
red
SiL
mica
some
small
pebbles
OK

397

orange/
red
CL

lgt
pink
tan
SiL
some
large
flecks of
mica-
1-2"
OK

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-18-94	395/394	6' / 11 1/2'	6:23 ⁴⁵	6:24 ⁰⁵	6:24 ⁰⁵	6:24 ³⁰	25sec
	395/394	repour	6:24 ⁴⁵	6:25 ⁴⁵	6:25 ⁴⁵	6:26 ⁵⁰	1min
	395/394	2 1/2' / 11 1/2'	6:27 ⁴⁵	6:28 ⁴⁵	6:28 ⁴⁵	6:30 ¹⁵	1 1/2 min
	396	Visual	to 11 1/2'				OK
	397	3' / 11 1/2'	6:38 ³⁰	6:39 ¹⁵	6:39 ¹⁵	6:40 ³⁰	1 1/4 min
	398/399	3' / 11 1/2'	6:46	6:47	6:47	6:49	2min

REMARKS _____

TYPE OF SOIL Chester Silt loam

TESTED BY Amy McMillen ALSO PRESENT Mark Reich

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2min TRENCH WIDTH _____

INLET DEPTH 4" MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 180 ft²

C1 2862

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 A-50387-K

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

1/1/79

110295

345

40-93-0072

OWNER Pleasant Project Inc. STREET OR RFD TRIADOLLOIA ROAD TOWN GLENELG SUBDIVISION BEWON BRANCH EST SECTION LOT 1

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 Top Soil, Sandy Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CEMENT/BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

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

OTHER CASING (if used)

Table for other casing with columns for diameter and depth.

SCREEN RECORD

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour), PUMPING RATE (gal. per min.), METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED (for test).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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, PUMP HORSE-POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

C 2

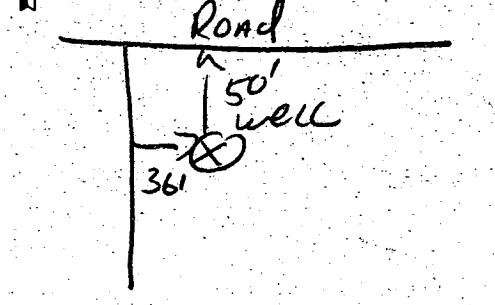
DEPTH (nearest ft.)

Table for depth with columns for 1, 2, 3 slot size and diameter of screen.

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.

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)



TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 116, DRILLERS SIGNATURE, LIC. NO. 117, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C1 6005

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)

OK KM 4/7/97

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED 4/2/97

DATE WELL COMPLETED 3 31 97

Depth of Well 405

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-44-1093

OWNER Hamilton Reed

STREET OR RFD Benson Branch Est TOWN Glendora

SUBDIVISION SECTION LOT 4

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. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (CEMENT, BENTONITE CLAY) NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (PL), Nominal diameter (6), Total depth (68), OTHER CASING (if used)

SCREEN RECORD

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

DEPTH (nearest ft.) HO 66 405

Table with columns: E, A, C, H, S, C, R, E, E, N. Rows for casing and screen details.

SLOT SIZE 1, 2, 3 DIAMETER OF SCREEN (NEAREST INCH) 56, 60

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

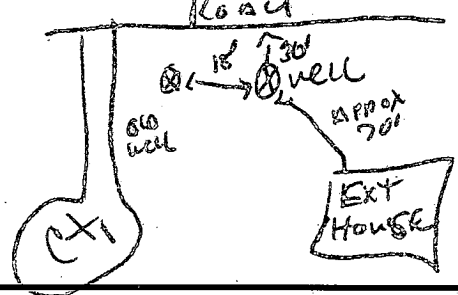
PUMPING TEST

HOURS PUMPED (nearest hour) 4/8 9 PUMPING RATE (gal. per min.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 30 WHEN PUMPING 405 TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (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, - below 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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/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...

DRILLERS LIC. NO. 1 MSD 116 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MSD 117

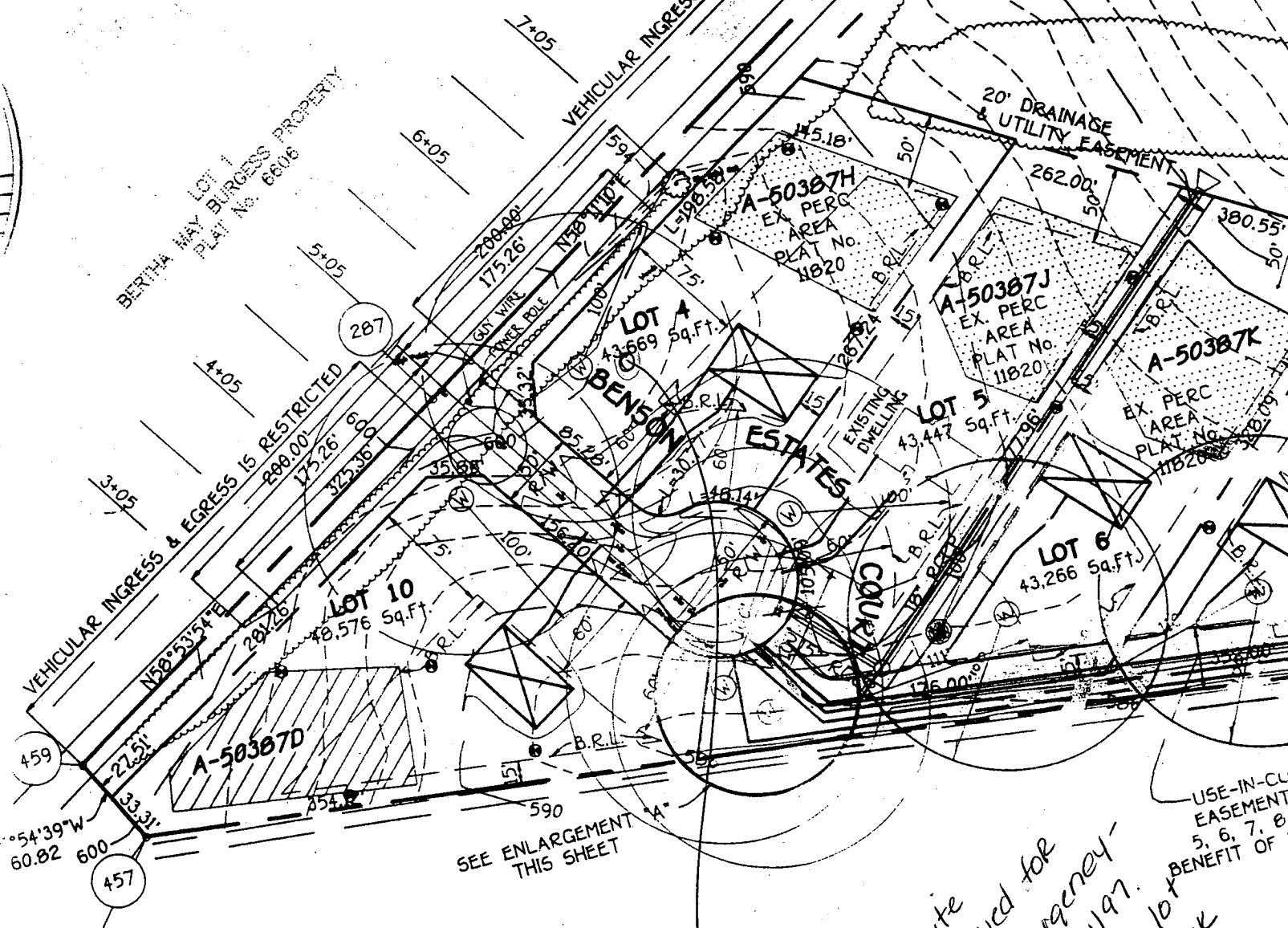
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

copy of
~~Project~~
 Preliminary Plan
 signed 11-7-95

TRIADELPHIA

MAJOR C

PRESERVATION
 PARCEL "A"
 12.231 Ac.
 (NON-BUILDABLE
 TO BE DEDICATE
 HOWARD COUNTY DE
 OF RECREATION



SEE ENLARGEMENT
 THIS SHEET

USE-IN-CU
 EASEMENT
 5, 6, 7, 8
 BENEFIT OF L

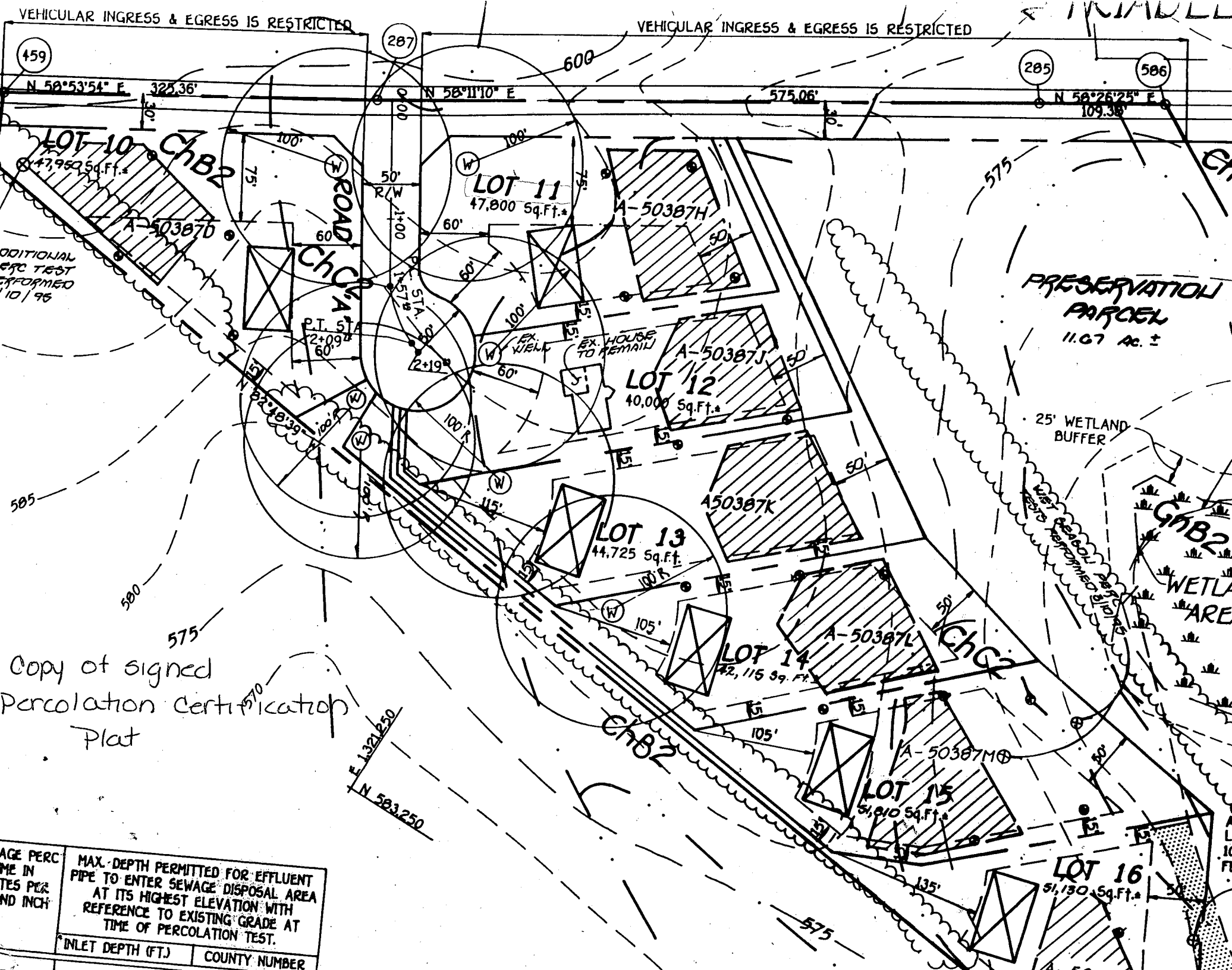
E 1320750
 E 402565.409
 (METERS)
 N 583250
 N 177774.957
 (METERS)

3/28/97
 Replacement well site
 ok here - no permit applied for
 yet because it's an emergency -
 permit to be submitted 3/31/97.
 1st well went dry and had a lot
 of sediment in the well - OK
 to proceed.
 A McMullen

VEHICULAR INGRESS & EGRESS IS RESTRICTED

VEHICULAR INGRESS & EGRESS IS RESTRICTED

TRAIL



ADDITIONAL
PERC TEST
PERFORMED
10/95

Copy of signed
Percolation Certification
Plat

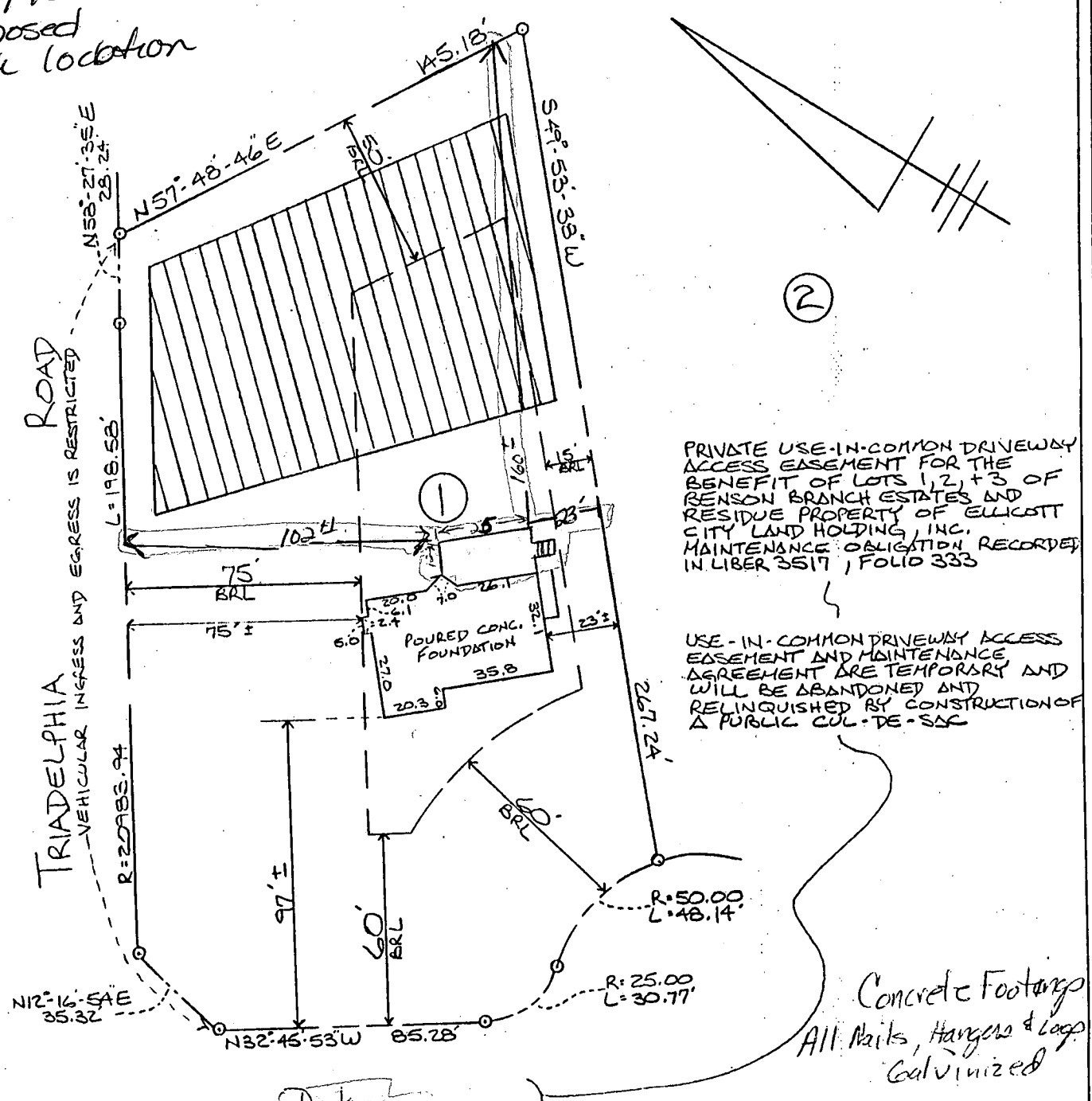
AGE PERC ME IN TES PER ND INCH	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATING TEST.	
	INLET DEPTH (FT.)	COUNTY NUMBER

GENERAL NOTES:

- 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INSOFAR AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400410021 B, EFFECTIVE DATE: DEC. 04, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (±).

5/23/96
Proposed deck location

OK.
An



PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT FOR THE BENEFIT OF LOTS 1, 2, + 3 OF BENSON BRANCH ESTATES AND RESIDUE PROPERTY OF ELLICOTT CITY LAND HOLDING, INC. MAINTENANCE OBLIGATION RECORDED IN LIBER 3517, FOLIO 333

USE-IN-COMMON DRIVEWAY ACCESS EASEMENT AND MAINTENANCE AGREEMENT ARE TEMPORARY AND WILL BE ABANDONED AND RELINQUISHED BY CONSTRUCTION OF A PUBLIC CUL-DE-SAC

Concrete Footings
All Nails, Hangers & Logs
Galvanized

Deck
2x10 Joist 16" oc
2x6 Floor Boards
2x2 Pickets 4" Spaced
Rail - 37 1/2" high
4" off Floor
Steps - 2x12 Treads
2x12 Stringers
3 MINIMUM

LOT 1
BENSON BRANCH ESTATES
LOTS 1, 2 AND 3
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLOT REF. # 11820

#13141 TRIADELPHIA ROAD
B.R.L. = BUILDING RESTRICTION LINE
[Hatched Box] = EXISTING 10,000 SQ. FT. SEWERAGE DISPOSAL EASEMENT
TOP FOUNDATION ELEV. = 599.7' ±

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PKE
ELlicOTT CITY, MARYLAND 21042
4439 461 - 2855



[Signature]
PROFESSIONAL LAND SURVEYOR
REG. # 10763
DATE 12/22/95

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 12-22-95
FINAL LOCATION: _____
BOUNDARY SURVEY: _____
SCALE: 1" = 50'
DATE: 12-22-95
DRAWN BY: AS
CHECKED BY: MLB
PROJECT No.: 60921

PROPERTY KNOWN AS: LOT 4

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

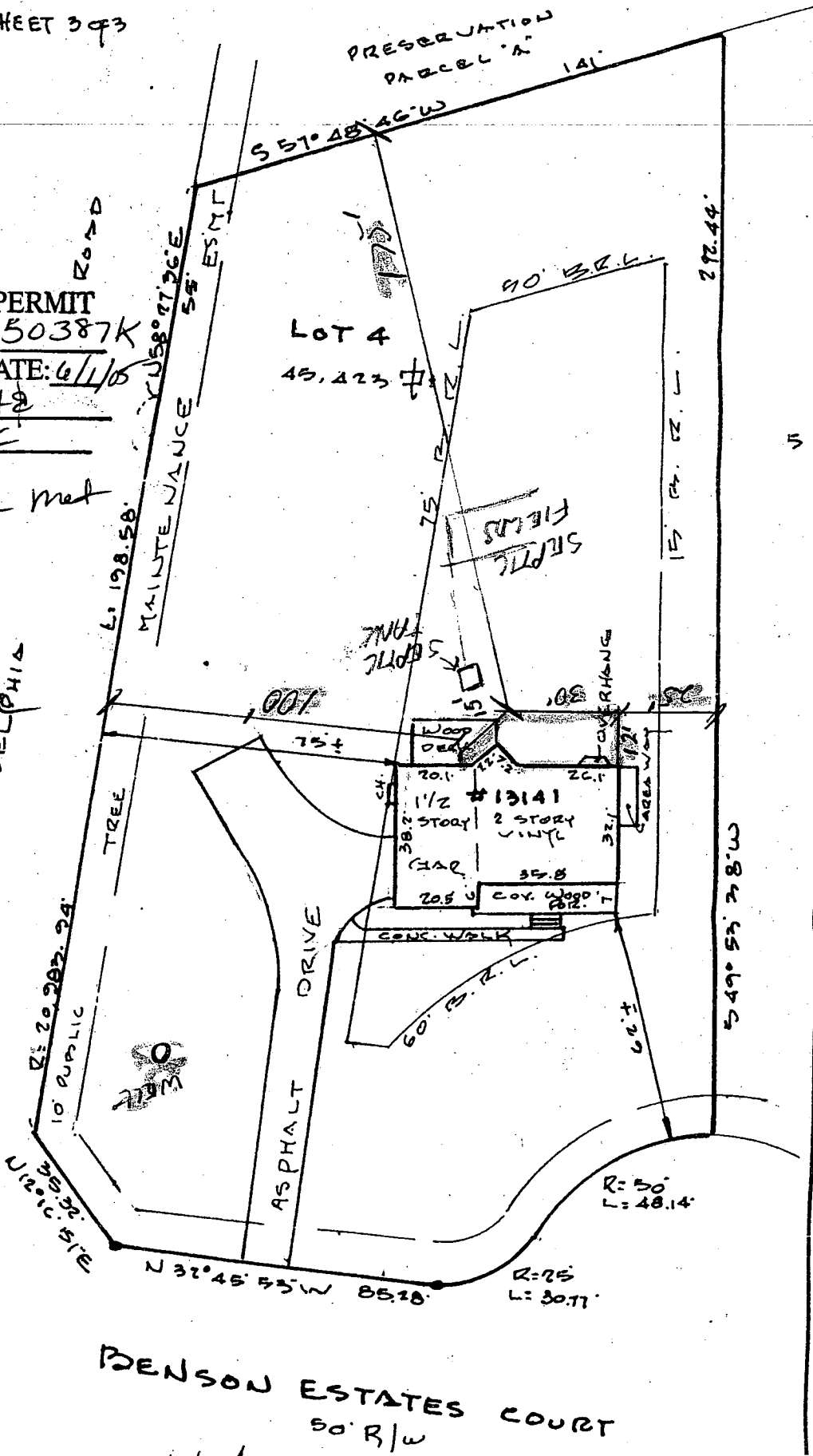
DENSON BRANCH ESTATES
LOTS 4 THRU 19 & PRESERVATION
PARCEL 'A' RESUB. LOTS 1-3 SHEET 3 OF 3
3RD DELECTION DISTRICT
HOWARD COUNTY, MD
PLAT 12135

APPROVED

WALK-THRU BUILDING PERMIT
BP# 800154159 A# 50387K
APP. SAN John Home DATE: 6/1/16
DESC. OF WORK: porch & deck

Setbacks met

1:40
Scale



DENSON ESTATES COURT
50' R/W

40' = 1" = 0"

PROPERTY KNOWN AS: LOT 4

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

DENSON BRANCH ESTATES
LOTS 4 THRU 19 & PRESERVATION
PARCEL 'A' RESUB. LOTS 1-3 SHEET 3 OF 3
3 DELECTION DISTRICT
HOWARD COUNTY, MD
PLAT 12135

APPROVED

WALK-THRU BUILDING PERMIT

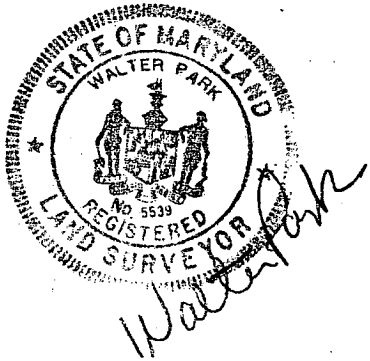
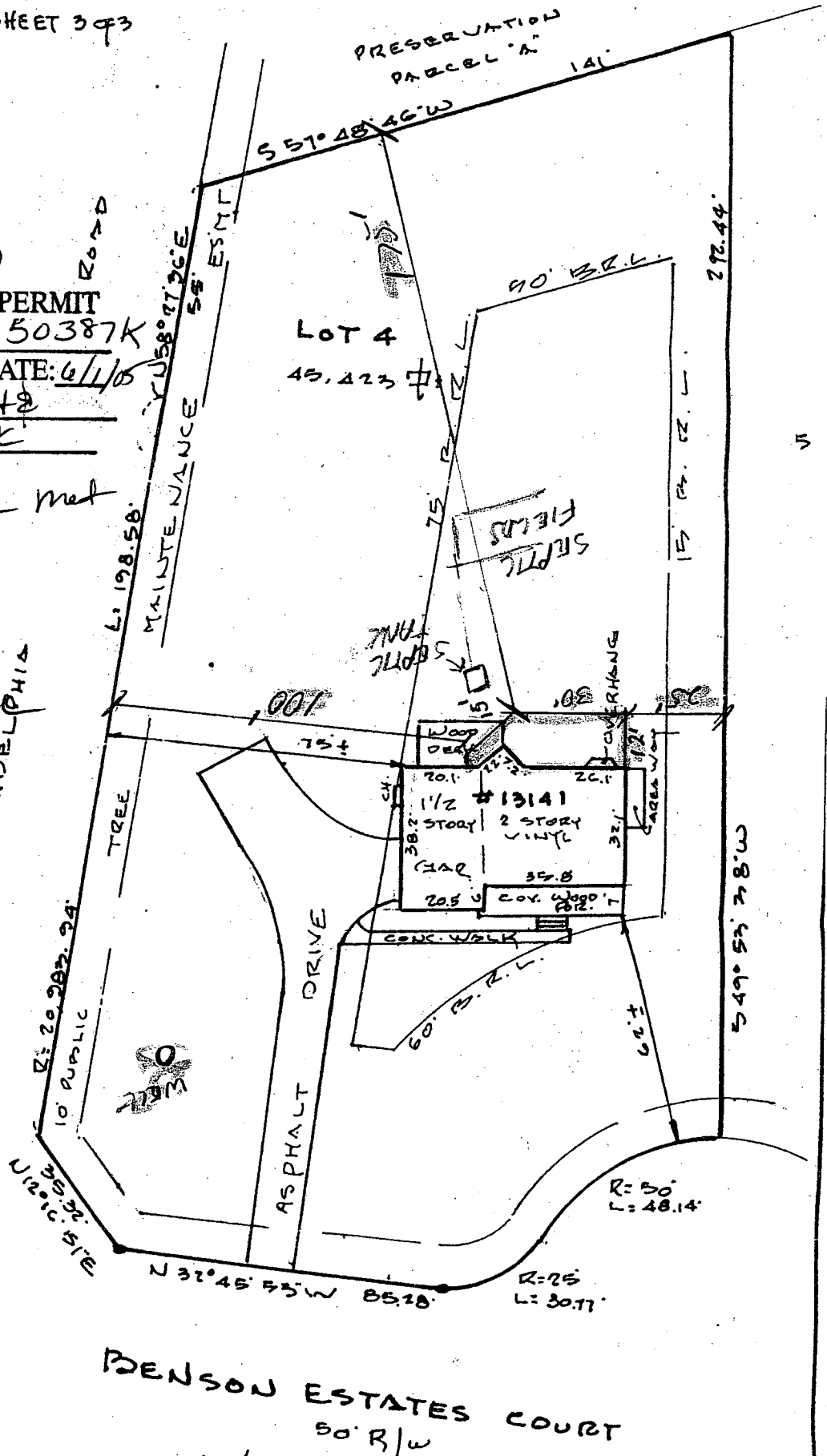
BP# 800154159 A# 50387K

APP. SAN *[Signature]* DATE: 6/1/16

DESC. OF WORK: porch & deck

Setbacks met

1:40 Scale



DENSON ESTATES COURT
50' R/W

40' = 1'-0"