

4/1/97
4/2/97
4/3/97
WPI 1:30

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

04-358473

P 57648

A 50572Z

DISTRICT 4th

DATE 4/23/97

DATE SYSTEM APPROVED 4/2/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

Olen Ketterman IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 442-1336

SUBDIVISION Carriage Mills Farms LOT 21 ROAD 14754 Addison Way

PROPERTY OWNER Oakhill Properties 14754?

ADDRESS

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 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 190 feet from the front lot line and 50 feet from the right lot line as seen when facing the lot from Addison Way. Run trenches on contour toward right side of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK 12/2/96

PLANS APPROVED BY Craig Williams/Donna K. Soe DATE 11/20/96

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

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.

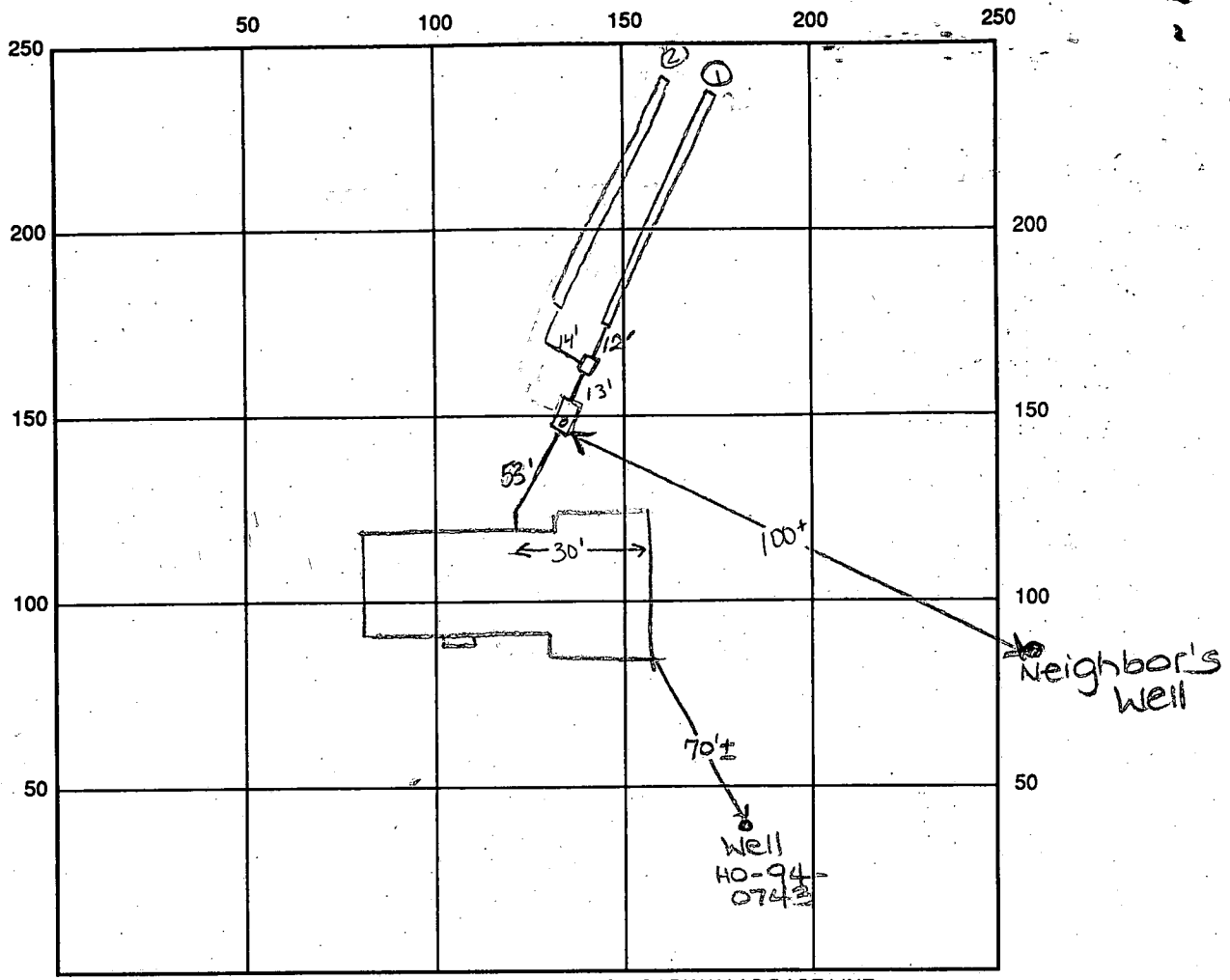
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BUILDING PERMIT SIGNED AND RETURNED
6/5/02
B 00136665 DECK

A 50572Z



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Addison way

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK, 1 on tank

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT. TOTAL LENGTH 90' FT. 180 total

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT. 180

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

ABSORBENT AREA — SQ. FT.

REMARKS: 4/1/97 OK to stone trench 1 and continue. DKS

BURIED over well line, P.A. 3' below grade, casing 2' above grade,
AND RETURNED has 1/2 piece water tight cap km

DATE SYSTEM APPROVED 4/2/97 INSPECTOR A McMillan

APPLICATION

PERCOLATION TESTING

A 50572Z

P _____

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

DISTRICT 4

DATE March 6, 1995

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 Oak Hill Properties, L.L.C.

ADDRESS 11501 Huff Court, North Bethesda, MD 20895 PHONE 301 816 9433

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, L.L.C./ c/o Ralph E. Bice, III

ADDRESS Same as Above PHONE Same As Above

PROPERTY LOCATION: DE L PROK-101 BRIDGE MILL

SUBDIVISION Berkshire Estates CARRIAGE MILL LOT NO. 4B 241

ROAD AND DESCRIPTION Property is located on the Northeast Side of the intersection of Route 144 and Old Frederick Road. (14758 Addison Way)

TAX MAP 8 PARCEL # 158 & 79

BLDG. PERMIT SIGNED

AND RETURNED 11/20/96

Serial # B70 103139

SIZE OF LOT Average size equals 60,000Sq. Feet TYPE BLDG. Single Family Detached - 4 Brms
(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.

Ralph E. Bice, III
(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 _____

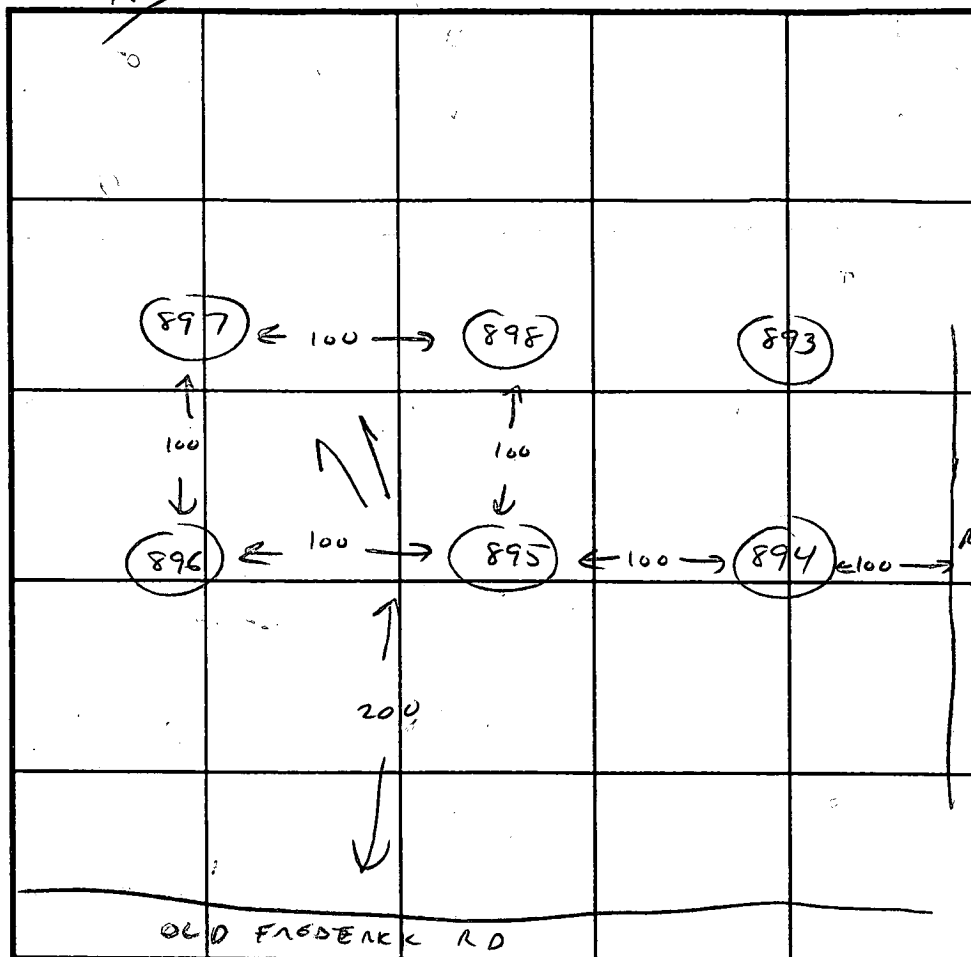
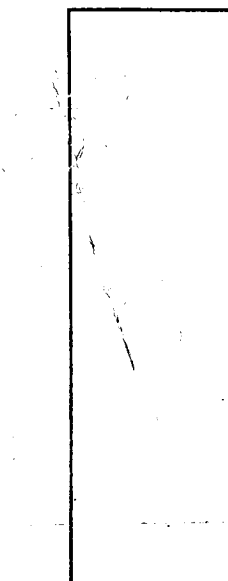
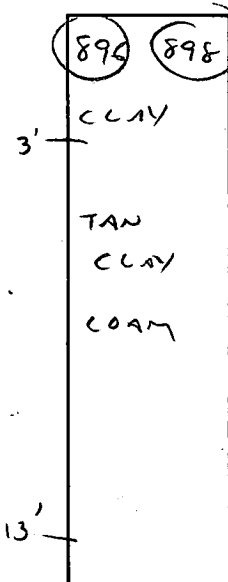
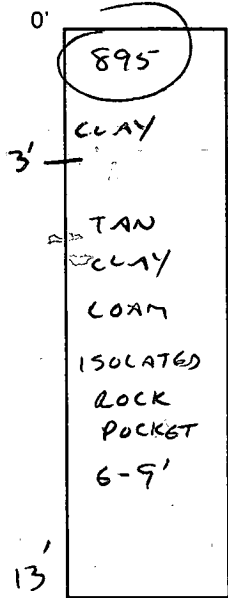
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A 50572 Z
COUNTY #

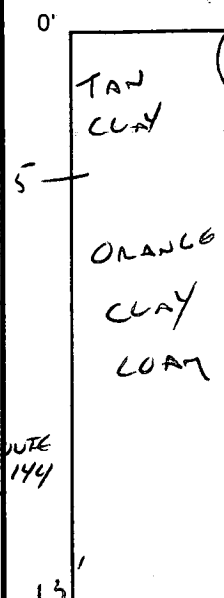
LOT 48

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/10/95	895	3 7	1:40	1:41	1:41	1:43	2 MIN	
		13	ISOLATED ROCK POCKET 6-9' OTHERWISE OK					✓
	898	3 8	1:32:30	1:35	1:35	1:38	3 MIN	
		13	VIS	OK 3-13'				✓
	896	3 8	SAME AS 898					✓
		13	VIS OK 3-13'					✓
	897	5 8	VIS OK	4 1/2 - 13'				
		13						

REMARKS _____

TYPE OF SOIL _____

TESTED BY C. Wilhain ALSO PRESENT C.K. JA. R. BICE

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 MIN TRENCH WIDTH 2

INLET DEPTH 3 1/2 MAXIMUM BOTTOM DEPTH 7 1/2 SQ. FT./BEDROOM 180

C1 0198

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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER A50572Z

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 042496

Depth of Well 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0743

OWNER OAK HILL PROPERTIES, L.L.C. last name first name TOWN COOKSVILLE SUBDIVISION CARriage MILL SECTION LOT 21

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for TOP Soil, red clay, Sand Stone, Mica, etc.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 15 NO. OF POUNDS 1500 GALLONS OF WATER 75 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 49 ft.

CASING RECORD casing types insert appropriate code below (S) (T) (P) (L) (O) (J) (S) MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: 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

DEPTH (nearest ft.) H047 200

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.

TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 501

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

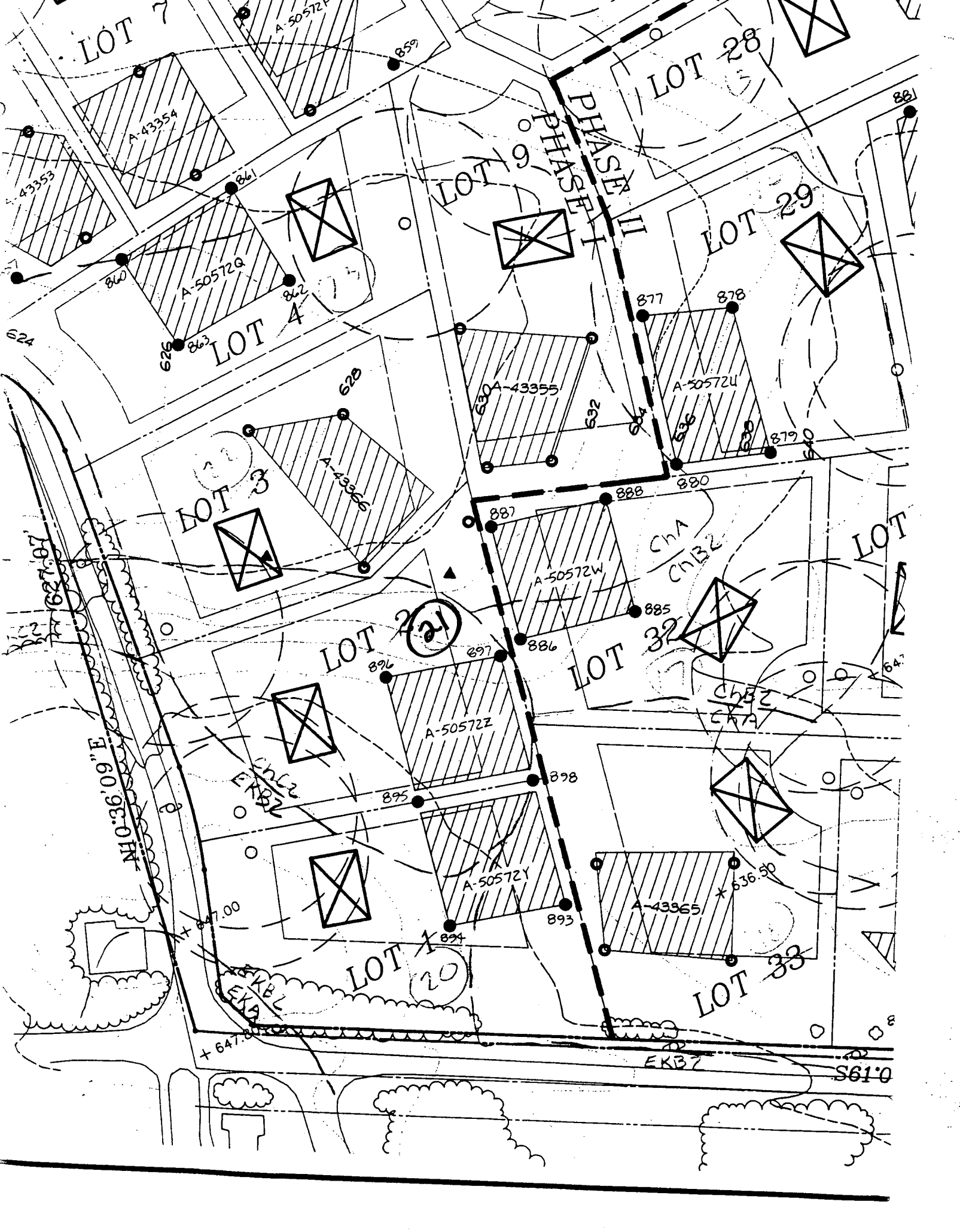
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 35 ft. WHEN PUMPING 36 ft. TYPE OF PUMP USED (for test) (A) air (P) piston (T) turbine (C) centrifugal (R) rotary (O) other (describe below) (J) jet (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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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) Well 12' SIDE LINE OLD Frederick RD.



LOT 7

LOT 28

LOT 9

LOT 29

LOT 4

LOT 3

LOT 21

LOT 32

LOT 20

LOT 33

LOT

N10'36'09" E

PHASE I
PHASE II

ChA
ChB2

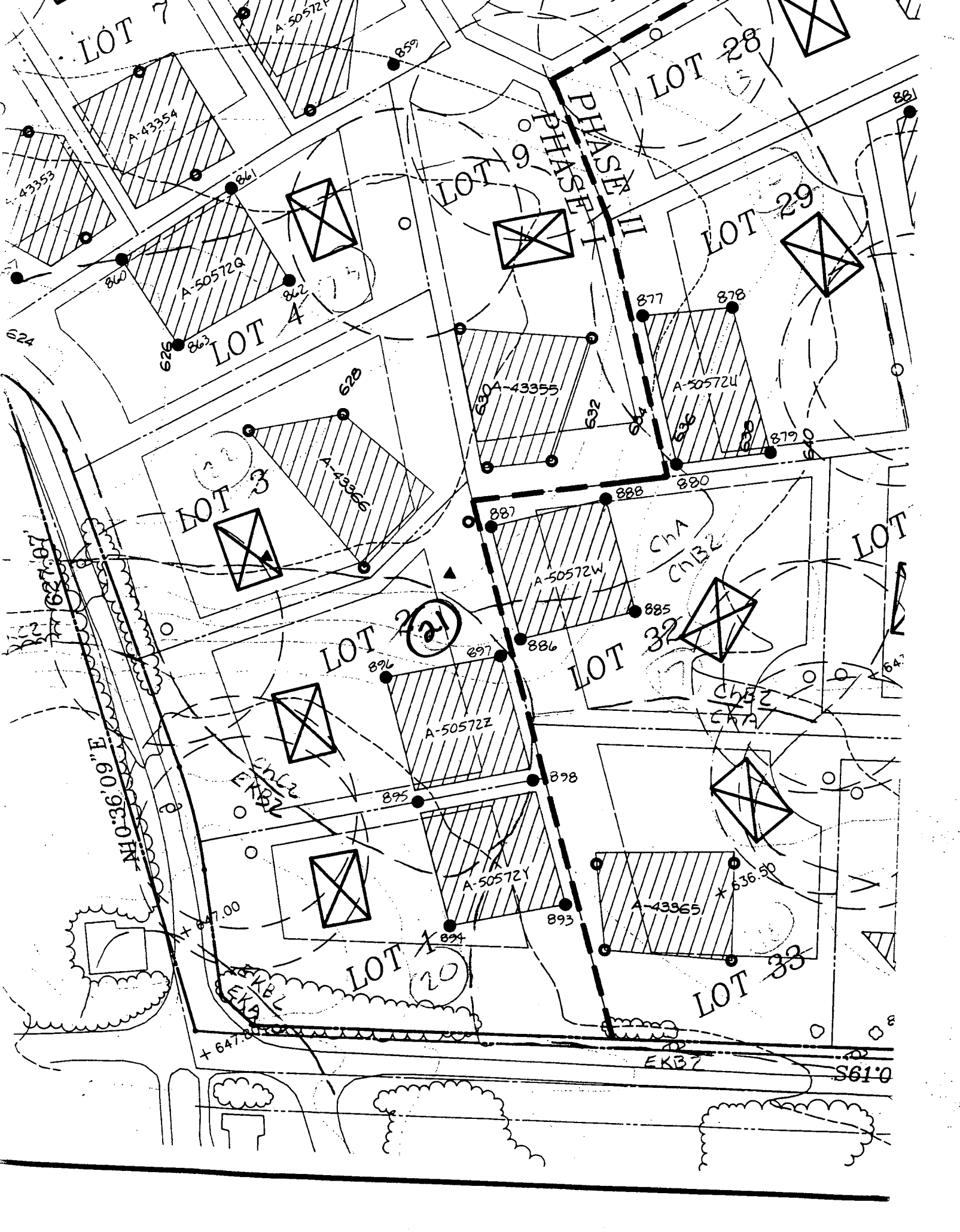
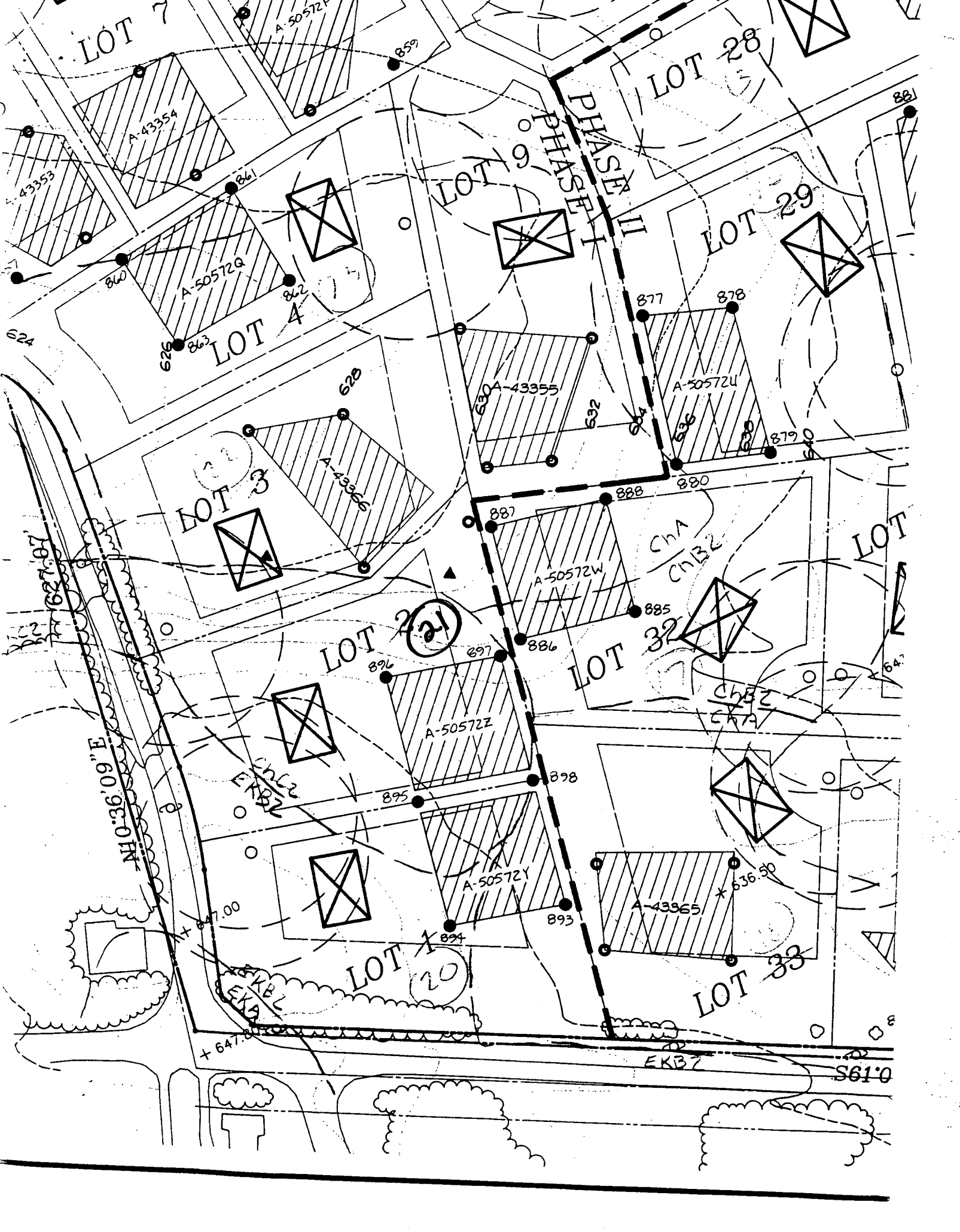
ChC2
ChD2

EKA
EKB

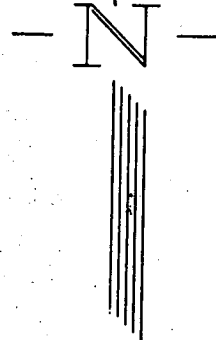
EKA

EKB7

S61'0



MD. STATE GRID NORTH



N 543500
E 792000

25' TO ROAD

MATCH LINE
See Sheet 2 of 5

E DATA
STA. 2+53.82

400.00'
84.86'
42.59'
2'09"18"
26"E. 84.70'

ZEEGER DEWILDE &
DOROTHY DEWILDE
LIDER W&V F&L B&H
Zoned RY-DEA

OLD FREDERICK ROAD

N40°36'09"E

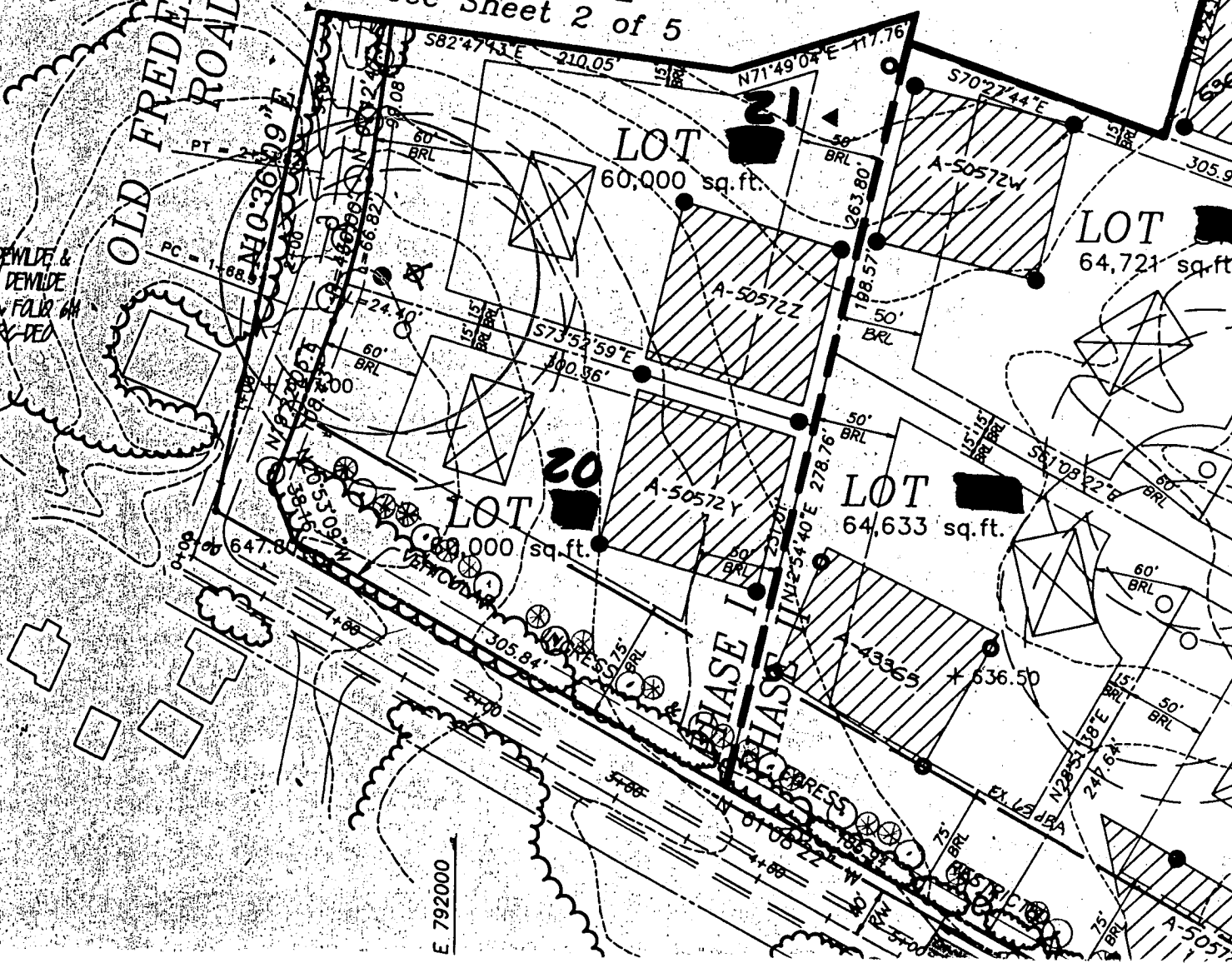
LOT 21
60,000 sq. ft.

LOT 22
64,721 sq. ft.

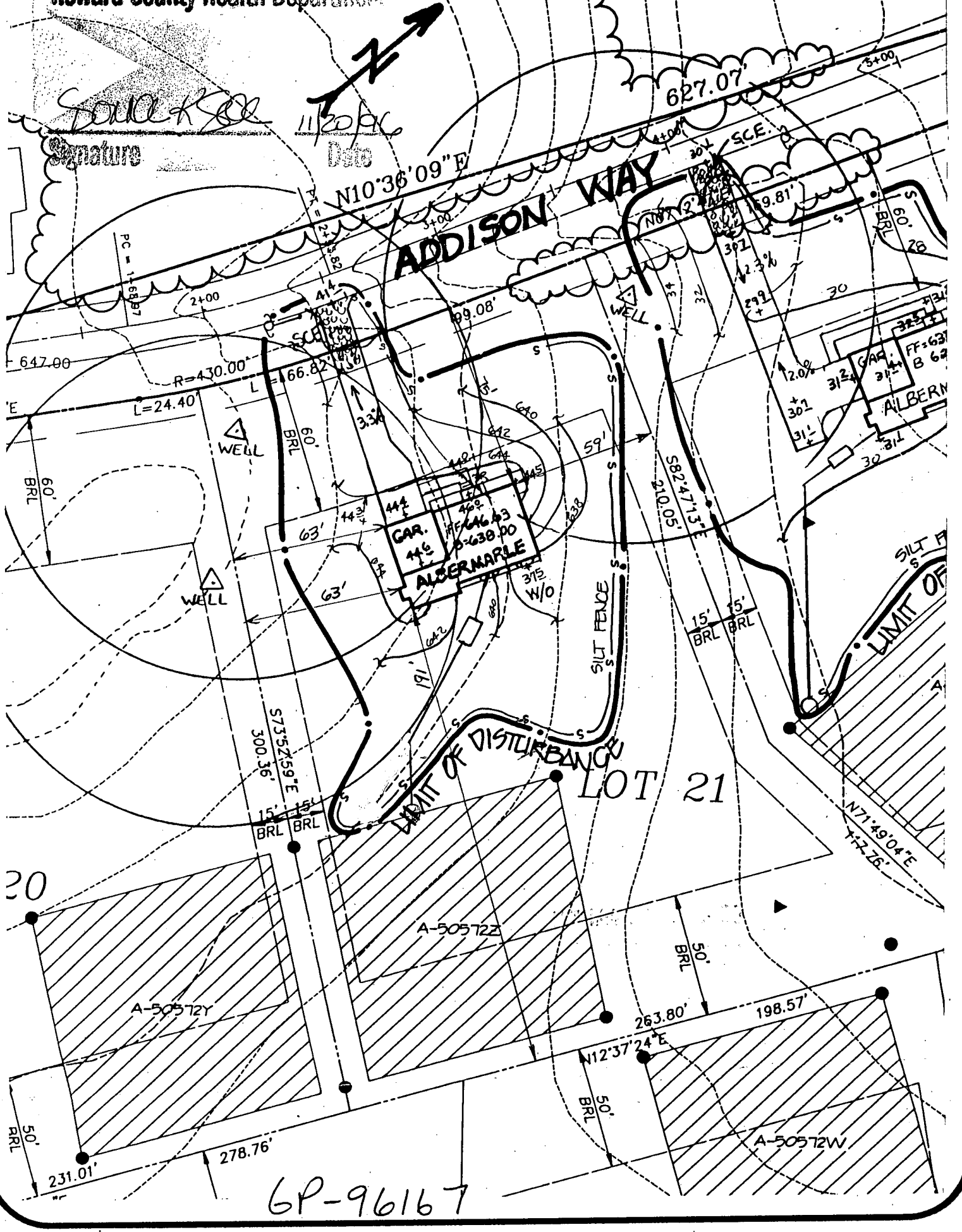
LOT 20
60,000 sq. ft.

LOT 23
64,633 sq. ft.

PHASE I
PHASE II



Approved Septic System Plan
Howard County Health Department



CARRIAGE MILL FARMS

PHASE I
LOT 21
PERMIT

DATE: 11/11/96
PROJECT NO.: 95005.22

DRAWN BY: F.F.B.
SCALE: 1"=50'

SEPTIC DATA

INV. OUT OF HOUSE = 638.8
INV. INTO SEPTIC TANK = 638.4
INV. OUT SEPTIC TANK = 638.1
INV. INTO DIST. BOX = 636.5
EX. ELEV @ DIST. BOX = 640.0

R.M. MOCHI GROUP, P.C.

CIVIL ENGINEERS
LAND SURVEYORS

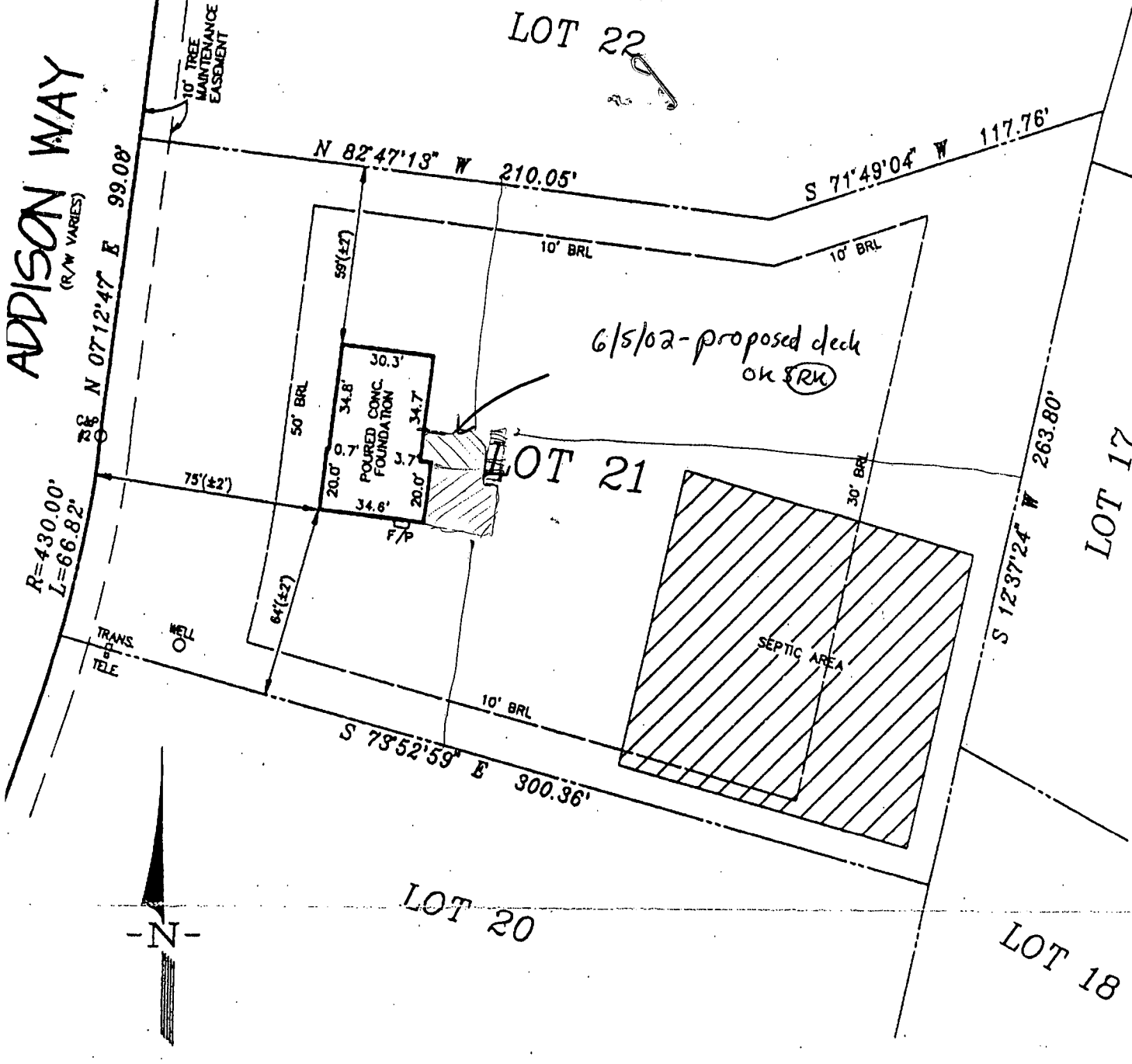
PLANNERS
ENVIRONMENTAL

3300 N. Ridge Road, Suite 235
Ellicott City, MD 21043-3350

(410) 461-0079
Fax: (410) 750-6340

ADDISON WAY
(R/W VARIES)

LOT 22



LEGEND

- | | | | |
|------|--------------|-----|---------------------|
| F/P | = FIREPLACE | O/H | OVERHANG |
| B/W | = BAY WINDOW | H/P | HEAT PUMP/AIR COND. |
| D/W | = DRIVEWAY | G/M | GAS METER |
| CONC | = CONCRETE | E/M | ELECTRIC METER |

ADDRESS No.: 14754 ADDISON WAY
 TOP OF WALL ELEV. = 645.37 FIRST FLOOR ELEV. = N/A
 NO BOUNDARY OR MONUMENTATION ESTABLISHED OR LOCATED.

THE LOCATION DRAWING IS OF BENEFIT TO THE CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING;

THE LOCATION DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS;

AND THE LOCATION DRAWING DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES; BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.

FLOOD INSURANCE RATE MAP (FIRM) FLOOD ZONE "C"

LOT 21
 CARRIAGE MILL FARMS
 PHASE ONE
 PLAT NO. 12212
 ELECTION DISTRICT NO. 4