

6/3/98
LATE

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 5/0139

A 49989-B

DISTRICT 5th

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

INDEXED

05-425883

DATE 5-13-98

DATE SYSTEM APPROVED 6/3/98

INSPECTOR [Signature]

Jack Fyock IS PERMITTED TO INSTALL ALTER

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 410-988-9270

SUBDIVISION Hyde Property LOT 2 ROAD 12284 Hydeaway Court

PROPERTY OWNER Cornerstone Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS **TOP SEAMED SEPTIC TANK REQUIRED**

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 130 feet down the left lot line and 75 feet off this same lot line as seen when facing the lot from Hydeaway Court. Run trenches along 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/MR

PLANS APPROVED BY Donna K. Soe DATE 4/20/98

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

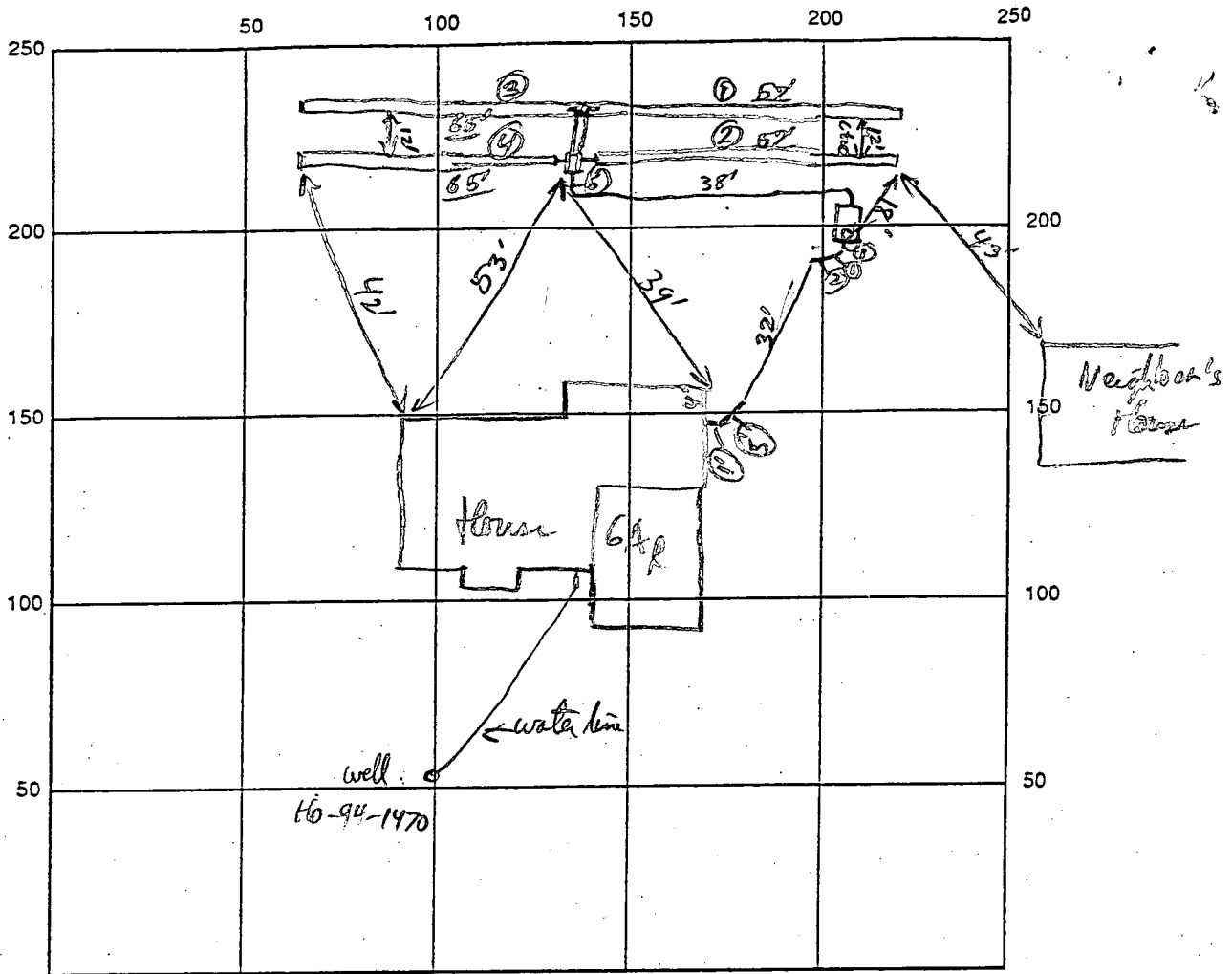
PERMIT VOID AFTER TWO YEARS

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 49989B



Hydaway Ct INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 gal mid season CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL No Baffle in DB, using cut levelers on end OK ✓

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2.2 FT. TOTAL LENGTH 57' 57' 65' 65' FT. = 244' (3+4 one continuous)

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 720+ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: Septic Tank, Drain lines, db, house connection all ok to cover. RPP 6/3/98

WPT - filter & digester + water line ok at 4' RPP 6/3/98

DATE SYSTEM APPROVED 6/3/98 INSPECTOR RPP

APPLICATION

PERCOLATION TESTING

A 49989B

P _____

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

DISTRICT _____

DATE 4/26/94

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 H & A CONSTRUCTION INC ^{COLDESTONE HOMES, INC.} to AL PROCOPIO

ADDRESS 1046 Annapolis Rd. Gambrills MD PHONE (301) 621-7888

AGENT OR PROSPECTIVE BUYER FISHER COLLINS & CARTER INC. ²¹⁰⁵⁴

ADDRESS 9171 Balto. Natl. pike ellcott city MD. 21042 PHONE 461-2855

PROPERTY LOCATION: HYDE PROP. Final lot 2

SUBDIVISION MD. RT 216 & PETRILLO DRIVE LOT NO. 2

ROAD AND DESCRIPTION (12284 Hydeaway Court)

BLDG. PERMIT SIGNED

AND RETURNED 4-20-98

Seal # BR 170647

TAX MAP 40 PARCEL # 133

SIZE OF LOT 1 AC. TYPE BLDG. S.F.D. - 4 Brm
(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. Zacharia y. Fisch
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

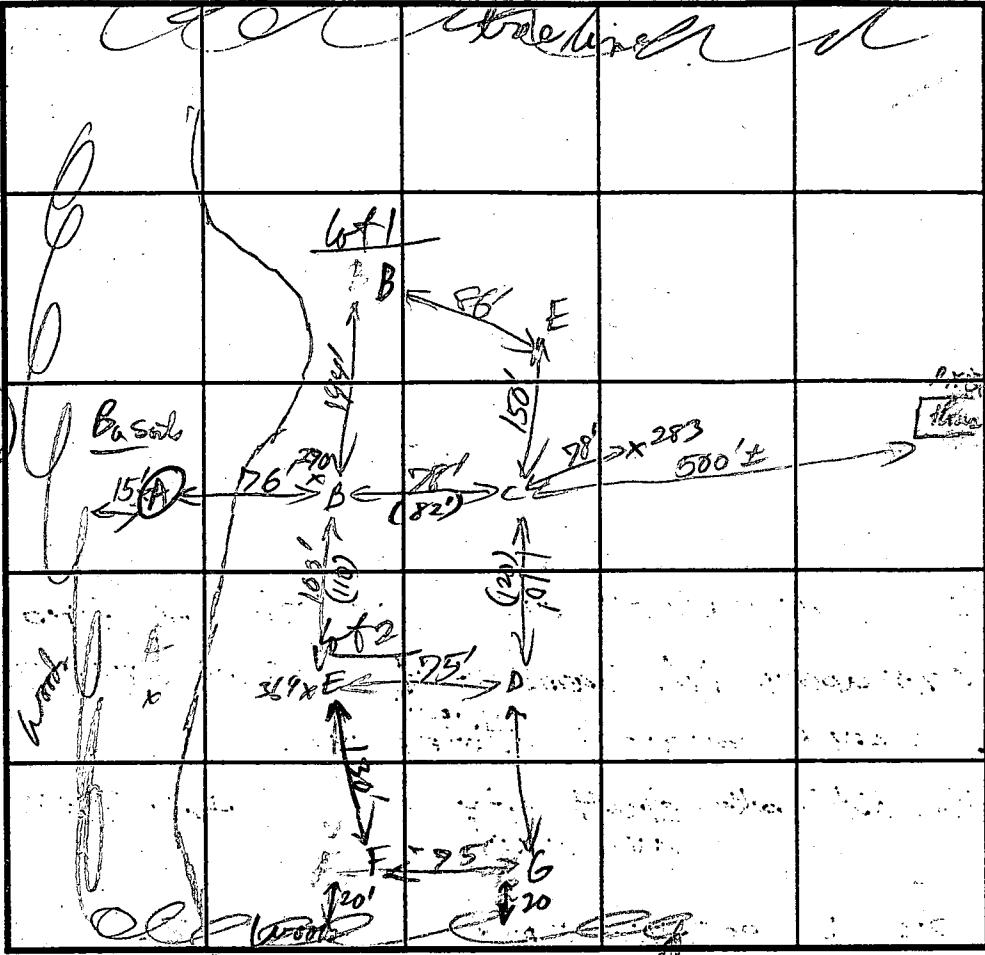
REASONS FOR REJECTION OR HOLDING _____

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

682 49989B
 COUNTY #



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE A
 0' yel br s:cl
 2 1/2' ~~lt grey mottled~~
 4' ~~max 1/2 inch~~
 6 1/2' ~~with level~~
 7'

west Basalt
 3' yel br s:cl
 4 1/2' red hsl
 red br mica SL
 ↓ gradual change
 Neutral Brown mica SL
 8' Med grey SL
 9' Hard Basalt

C, E
 3' Red s:cl -h SL
 red br yel h mica SL
 11 1/2' lt yel red + tan mix & polyel large caliche
 SL - mica SL

SOIL PROFILE D, E
 0' yel br s:cl
 2-3' red br
 3-5' mix yel white + tan mica SL-LS
 10'
 Hole E same as C
 Same as C

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/3/94	(A) 7'		water table @ 6 1/2'		water seen at 4'		(Fail)
	370 B	4'	12:11:30	12:14:12	12:19:12	12:17:30	3 min
			11:59:30	12:00:10	12:01:06	repaired 12"	
	369 E	5'	2:20:11	2:24:00	2:24:00	2:27:40	3 1/2 min
		10'					
	No Stone C	4'	12:23:15	12:25:38	12:25:34	12:29:50	4 min
	No Stone D	3 1/2'	12:35:12	12:40:30	12:40:30	12:49:00	8 1/2 min
		7 1/2'	12:35:00	12:35:35	12:36:09	12:37:06	12:38:12
			repaired 12:45:30	12:49:30		12:54:10	5 min

REMARKS _____
 TYPE OF SOIL baile, cherte
 TESTED BY [Signature] ALSO PRESENT C. Gross, O. [Signature]
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 5 min TRENCH WIDTH 3
 INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 5' SQ. FT/BEDROOM 180
(4' @ B)

in ab
 yel br
 LS-SL
 5
 5/24

1 05147

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 49989 B

ST/CO USE ONLY DATE RECEIVED 12 18 98

DATE WELL COMPLETED 03 24 98

Depth of Well 226 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1470

OWNER Cornerstone Homes STREET OR RFD 12284 Hyde away Ct TOWN Fulton SUBDIVISION Hyde Property SECTION LOT 2

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 Topsoil, Sand, B. Manganese Sand, etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (CM) (BC) NO. OF BAGS 47 NO. OF POUNDS 4700 GALLONS OF WATER 235 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 60

CASING RECORD

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 100

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)

DEPTH (nearest ft.)

Table with columns for depth intervals (8-11, 15-17, etc.) and diameter of screen.

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 25 WHEN PUMPING 163 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) 31 PUMP HORSE POWER 37 PUMP COLUMN LENGTH (nearest ft.) 43 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 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) Includes diagram of well location on lot.

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. MW D 040 BEARSE F. GUSTENBERG DRILLERS SIGNATURE

DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) MIC. NO. MW D 3869 Wesley Benjamin

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

70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

B 1 2441 SEQUENCE NO. (MDE USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

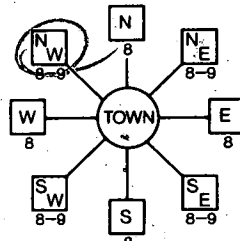
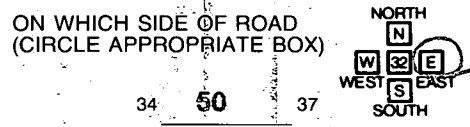
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO - 94 - 1470
 70 fill in this form completely 79

Date Received (ABA) 2/18/98
 8 MM DD YY 13
 OWNER INFORMATION RN 7369
 15 Cornerstone Homes Last Name Owner First Name 34
 36 9691 Norfolk Ave Street or RFD 55
 57 Laurel, Md. 20723 Town, 70 State 72 Zip 76

B 3 LOCATION OF WELL
 8 COUNTY Howard CC#
 23 SUBDIVISION Hydeway Manor Hyde Property 42
 SECTION 44 46 LOT 2 50
 52 NEAREST TOWN Fulton 71
 MILES FROM TOWN (enter 0 if in town) 4 M. I. 73 76 77 78

DRILLER INFORMATION
 76 George F. Easterday M WD 040 License No. 81
 Firm Name L. Franklin Easterday, Inc.
 Address 9265 Brown Church Rd., MT. Airy, Md. 21771
 Signature George F. Easterday Date 2/14/98

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

 11 Hydeway Ct (12284) 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 50 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39
 TAX MAP: 40 BLK: 18 PARCEL 133

B 2 WELL INFORMATION
 1 2 APPROX. PUMPING RATE 5
 (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED 500
 (GAL. PER DAY) 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 APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

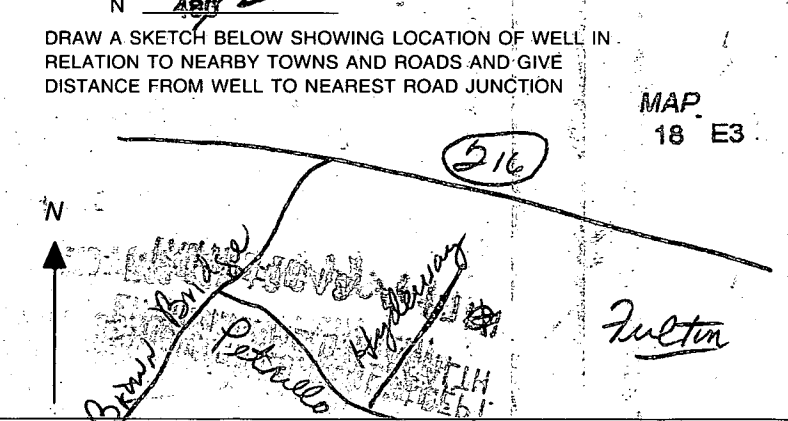
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME Howard COUNTY NO. A49989B
 STATE SIGNATURE _____ INSERT S _____ 41
 DATE ISSUED 03-11-98 Conrad Bailey 3/11/98
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID 482 000 EAST GRID 0815 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET
 24 28
 APPROXIMATE DIAMETER OF WELL 6 INCH

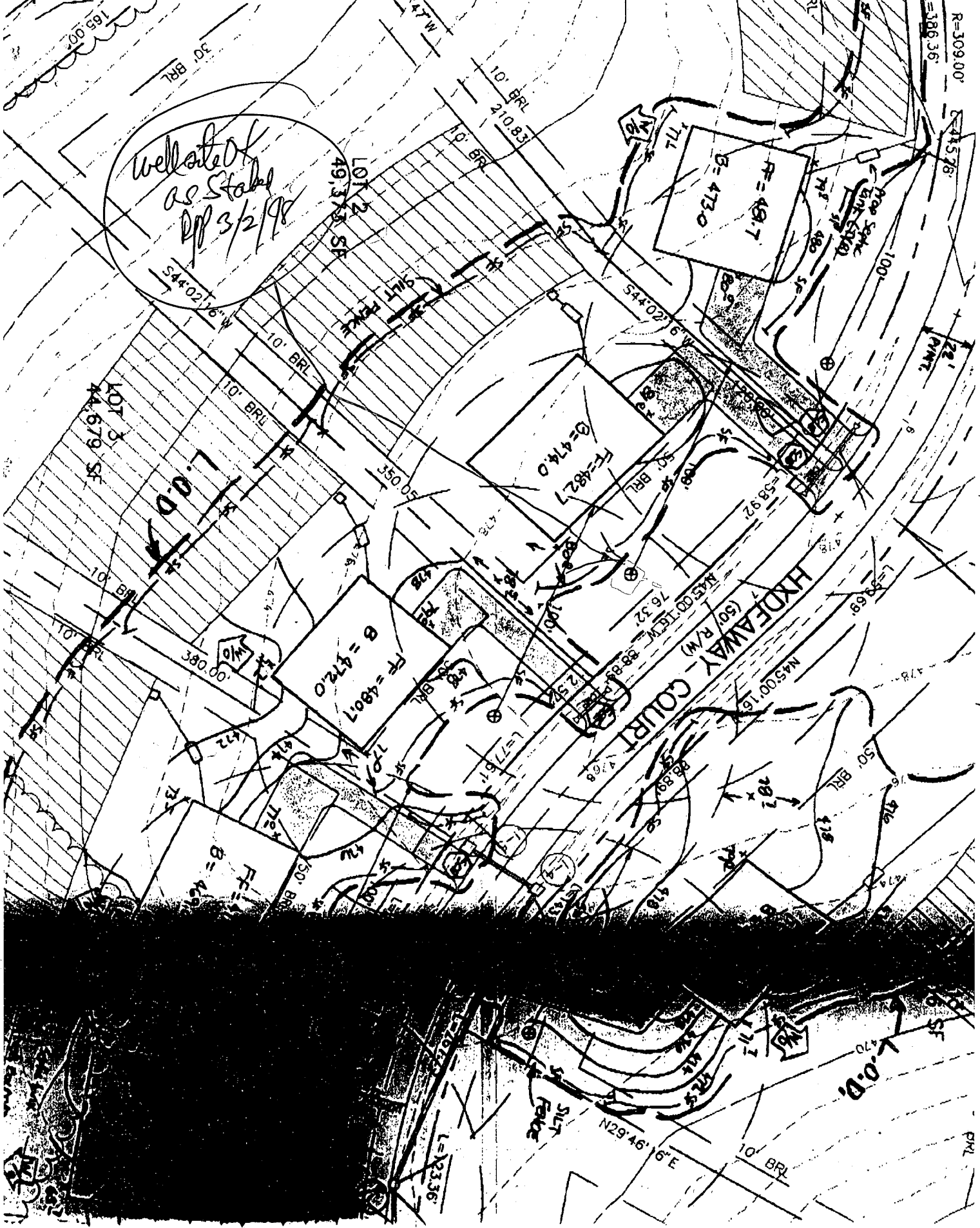
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. wells
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E 840 15
 N 480 2
 000 000
 3-24-98
 10:00 GROUT
 AD INSPECTION
 MAP 18 E3

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) 41 _____ 52



Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER 96 GAP 013 63
 FORCE RP WRITE INITIALS IN BOX PERMIT NO. 94-1470
 67 68 70 71 72 73 74 75 76 77 78 79



No well status pp

LOT 8

EAST NUGGET CT.

HIGHLAND ACRES
SECTION 3

LOT 11
P 95-18

LOT 10

LOT 9

(270)

(5-2)

LOT 12

474
475
476
477
478
N 52°44'36" E
717.43'

Storm
main MH

RCCP

DRAINAGE &
EASEMENT

Yard
let

50'
R/W
Ex. 24" CMR
Pipe

Ex.
Signs

(5-1)

(1)

60,000
Sq.Ft.

A47687

(2)

50,685
Sq.Ft.

A49902

(3)

44,330
Sq.Ft.

(4)

58,435
Sq.Ft.

(14)

43,100
Sq.Ft.

HYDEWAY

(1-5)

(1-4)

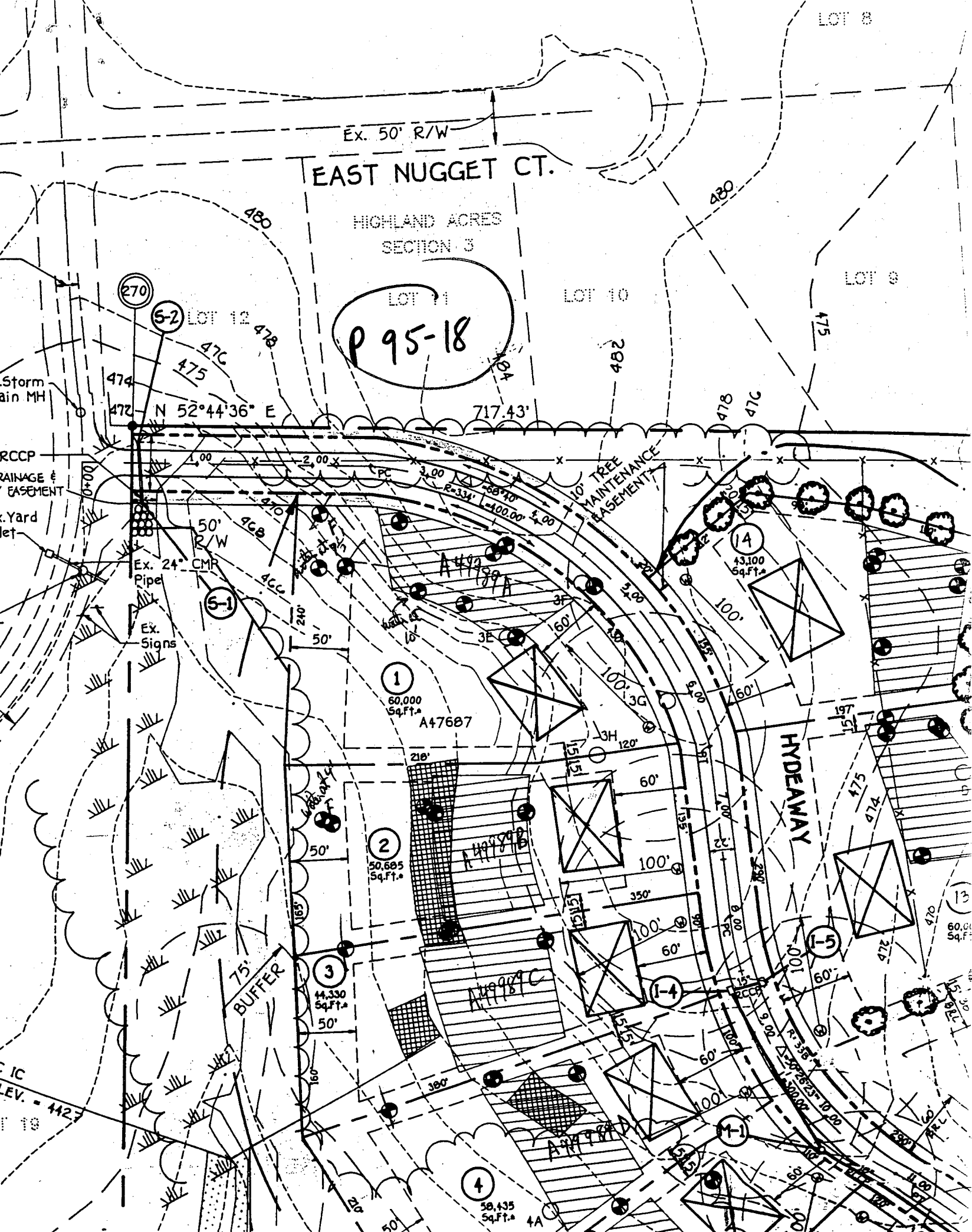
(1-1)

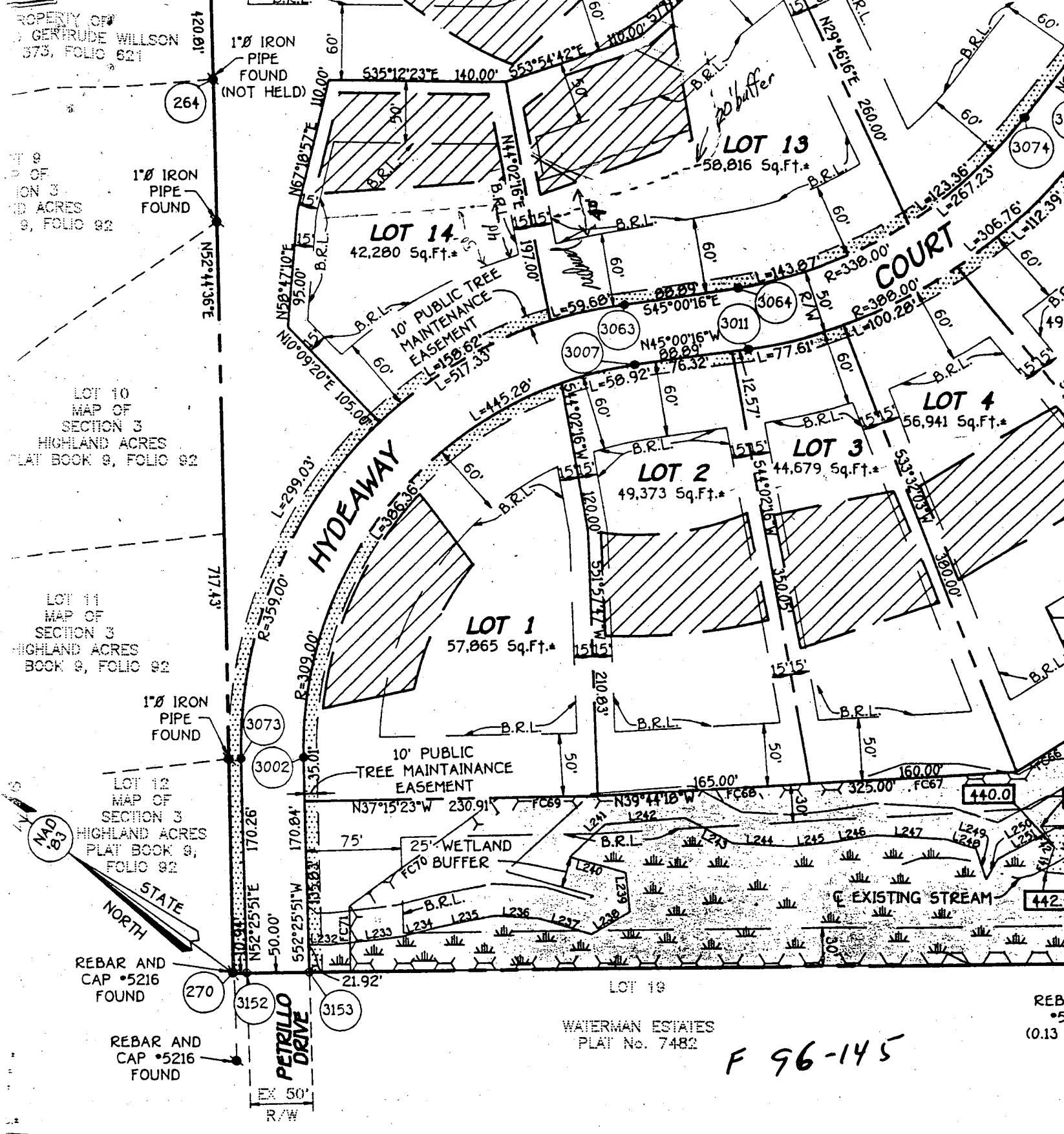
(13)

60,000
Sq.Ft.

IC
LEV. = 442.7

10





OWNER'S CERTIFICATE

MARGARET HYDE, OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS:

(1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS OR STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON;

(2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE;

(3) THE RIGHT TO REQUIRE DEDICATION

F 96-145

REB
05
(0.13)

Approved Septic System Plan
Howard County Health Department

[Signature]
Signature 4/20/98
Date

Septic ELEVATIONS

INV HOUSE OUT - ~~474.6~~ 474.6
 INV TANK IN. - ~~474.2~~ 474.2
 INV TANK OUT - ~~473.9~~ 473.9
 INV BOX IN - ~~473.0~~ 473.0
 INV BOX OUT - ~~473.0~~
 EXISTING GRADE - 476°

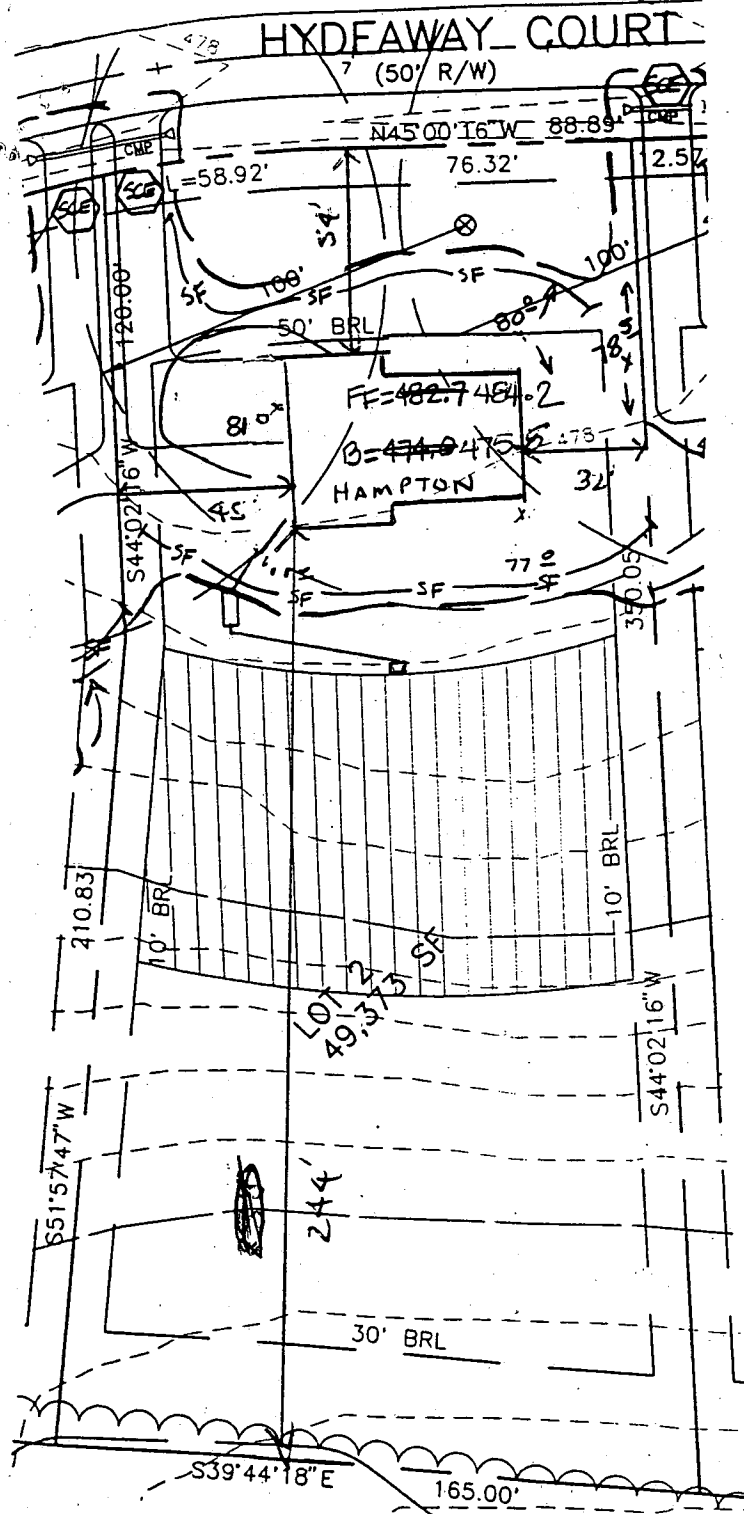
Elevations changed w/ Mr. Brian Boy's approval

Total linear feet of trench
required 240 feet

Width of trench(es) 3 feet

Depth of trench(es) 5 feet

Depth of stone required below
manhole on pipe 2 feet



BUILDER:

CORNERSTONE HOMES, INC
 9691 NORFOLK AVENUE
 LAUREL, MD 20723

(410) 792-2565

PROJECT:

HYDE PROPERTY

LOT 2 12204
Hydeaway Court

LOCATION:

TAX MAP 40 - PARCEL 133
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE:

PLOT PLAN

DATE:

MAY, 1997

DRAWING 2 OF 3

SCALE: 1" = 50'