

7/17/96
114
2530

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56622

A 48643

DISTRICT 4th

DATE 5/14/96

DATE SYSTEM APPROVED 7/17/96

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
313-2640

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

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

SUBDIVISION Gwyndyl Oak Estates LOT 21 ROAD 2813 Belle Hollow Court

PROPERTY OWNER NV Homes

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

BLDG. PERMIT SIGNED
AND RETURNED 8/4/96

Serial # 64474
Sundeech

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place distribution box 160 feet down the left lot line (374.68') and 90 feet off that same lot line as seen when facing the lot from Belle Hollow Road. Run trenches on contour towards the rear of the 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 5/14/96 DCS

PLANS APPROVED BY Glen Savage DATE 4/29/96

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(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.

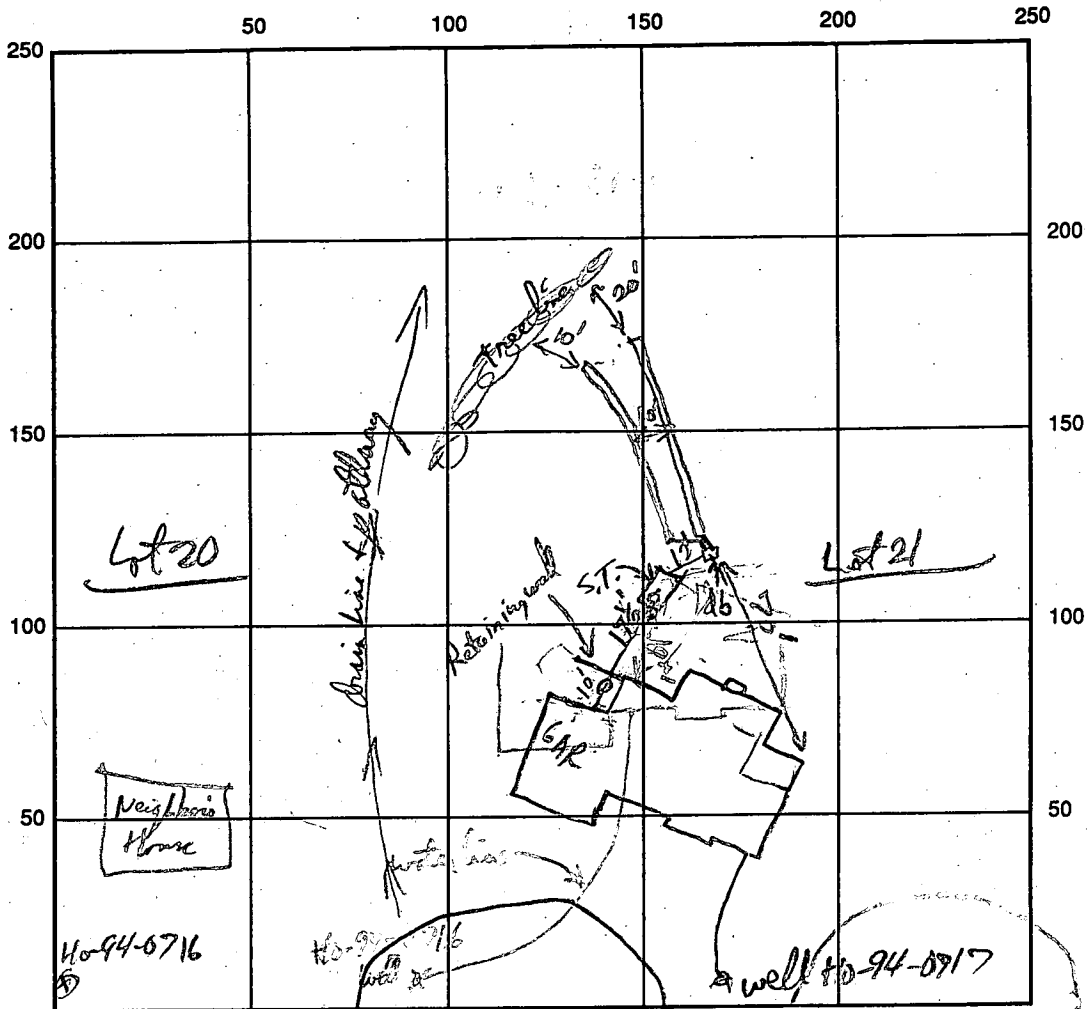
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 7/26/96

Serial # B70 101279 purpose tank

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

A
48643



Belle Harbor Ct INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL 1500 gpl CLEANOUTS ST & Hse

DISTRIBUTION BOX LEVEL

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2' FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 93/90 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA ≈ 550 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: Hse connection OK 7/16/96 P.P. OK to good fill, then cover when complete ST & lot trench, 7/17/96 P.P. OK to cover 7/17/96 P.P.

WPT - Pitches deeper & water line OK @ 4 ft P.P. 7/17/96

DATE SYSTEM APPROVED 7/17/96 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 48643

P _____

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

DISTRICT _____

DATE 10-22-92

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 PETTIT & GRIFFIN INC. NV Homes

ADDRESS 18205-D FLOWER HILL WAY PHONE (301) 975-1020
GAITHERSBURG MARYLAND 20879

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION: Gwynedyl oak Estates

SUBDIVISION McKendree estates LOT NO. 79 NEW 22 (9/16/93)

ROAD AND DESCRIPTION McKendree Road
2813 Belle Hollow Ct.

TAX MAP 14 PARCEL # 123

BLDG. PERMIT SIGNED
AND RETURNED 4-29-96
Serial # 64474

SIZE OF LOT 40,000# - 60,000# TYPE BLDG. SINGLE FAMILY DWELLING - 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. Zacharia y. fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 11/16/92 perc OK Hold for Plat R/H

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

48643

Lot 19 McRendue Estates

ONLINE

Lot 19

COUNTY #

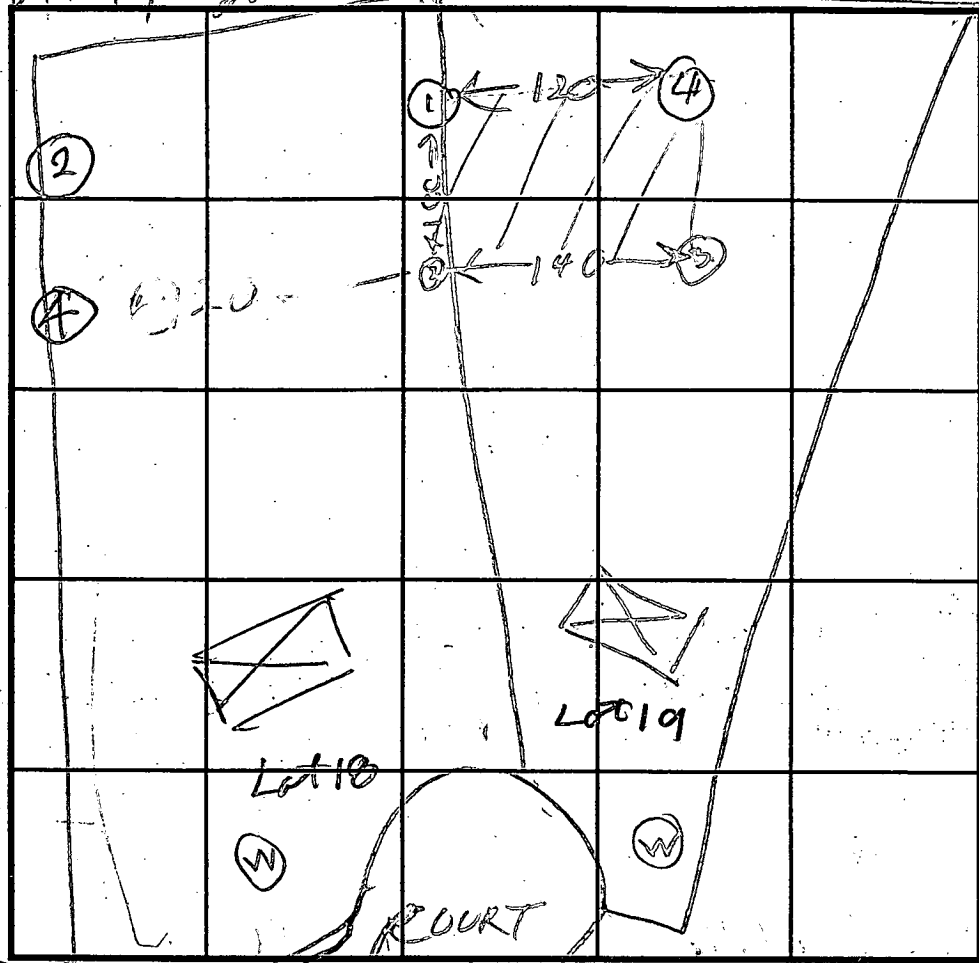
SOIL PROFILE

0' (3)

TOP SOIL - RED CLAY

4'

BROWN SAND LOAM



ONLINE (2) SOIL PROFILE

0'

TOP SOIL - RED CLAY

4'

PINK BROWN SAND LOAM

14'

12.5'

(10)

TOP SOIL TAN CLAY

5'

TAN SAND LOAM

12'

0'

3'

(12)

TOP SOIL RED CLAY

MEDIUM BROWN SAND LOAM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/18/92	23	5	201	202	202	204	2
	20	8	201	204	204	206	2
11/16/92	2V	14	OK				
11/11	3V	12 1/2	OK				
11/11	4V	6	213	218	218	222	
11/11	1V	7.5	1153	1155	1155	1158	3
	1V	13	OK				

ON LINE LOT 18819

ON LINE #18819

REMARKS: Holes dug differently from Test Plat for On line purposes

TESTED BY: R. Hodger

ALSO PRESENT: Hugh + OKetterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 TRENCH WIDTH 2

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 180

C 1 156

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 A-48643

(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"

041196

300

HO-94-0717

OWNER: WHEELER DEV. INC. STREET OR RFD: BELLE HOLLOW CT. TOWN: SUBDIVISION: GWYNNE OAK EST. SECTION: LOT: 21

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 dirt, soft brown rock, hard light gray rock, hard brown rock, hard light gray rock, hard tan rock, hard gray rock, hard tan rock, hard gray rock, med hard gray rock, hard gray rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N). TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay). NO. OF BAGS: 7. NO. OF POUNDS: 700. GALLONS OF WATER: 42. DEPTH OF GROUT SEAL: from 0 to 20 ft.

CASING RECORD

Casing types insert appropriate code below: ST (Steel), CO (Concrete), PL (Plastic), OT (Other).

MAIN CASING TYPE: PL. Nominal diameter top (main) casing: 6 inch. Total depth of main casing: 21 feet.

OTHER CASING (if used)

Table for other casing with columns for diameter inch and depth from to.

SCREEN RECORD

screen type or open hole: ST (Steel), BR (Brass Bronze), PL (Plastic), HO (Open Hole), OT (Other).

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: Y/N.

C 2. DEPTH (nearest ft.)

Table for depth measurements with columns for depth (nearest ft.) and slot size diameter of screen.

CIRCLE APPROPRIATE LETTER: A (Well abandoned and sealed), 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...

TYPE: MWD/MSD/MDG. DRILLERS LIC. NO.: 304

Drilled on David Kelly

DRILLERS SIGNATURE: David Kelly

LIC. NO.: JWD075

Drilled on Arnold Hanson

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

C 3

PUMPING TEST

HOURS PUMPED (nearest hour): 3. PUMPING RATE (gal. per min.): 11.0. METHOD USED TO MEASURE PUMPING RATE: timer. WATER LEVEL (distance from land surface) BEFORE PUMPING: 38 ft. WHEN PUMPING: 77 ft. TYPE OF PUMP USED (for test): S (submersible).

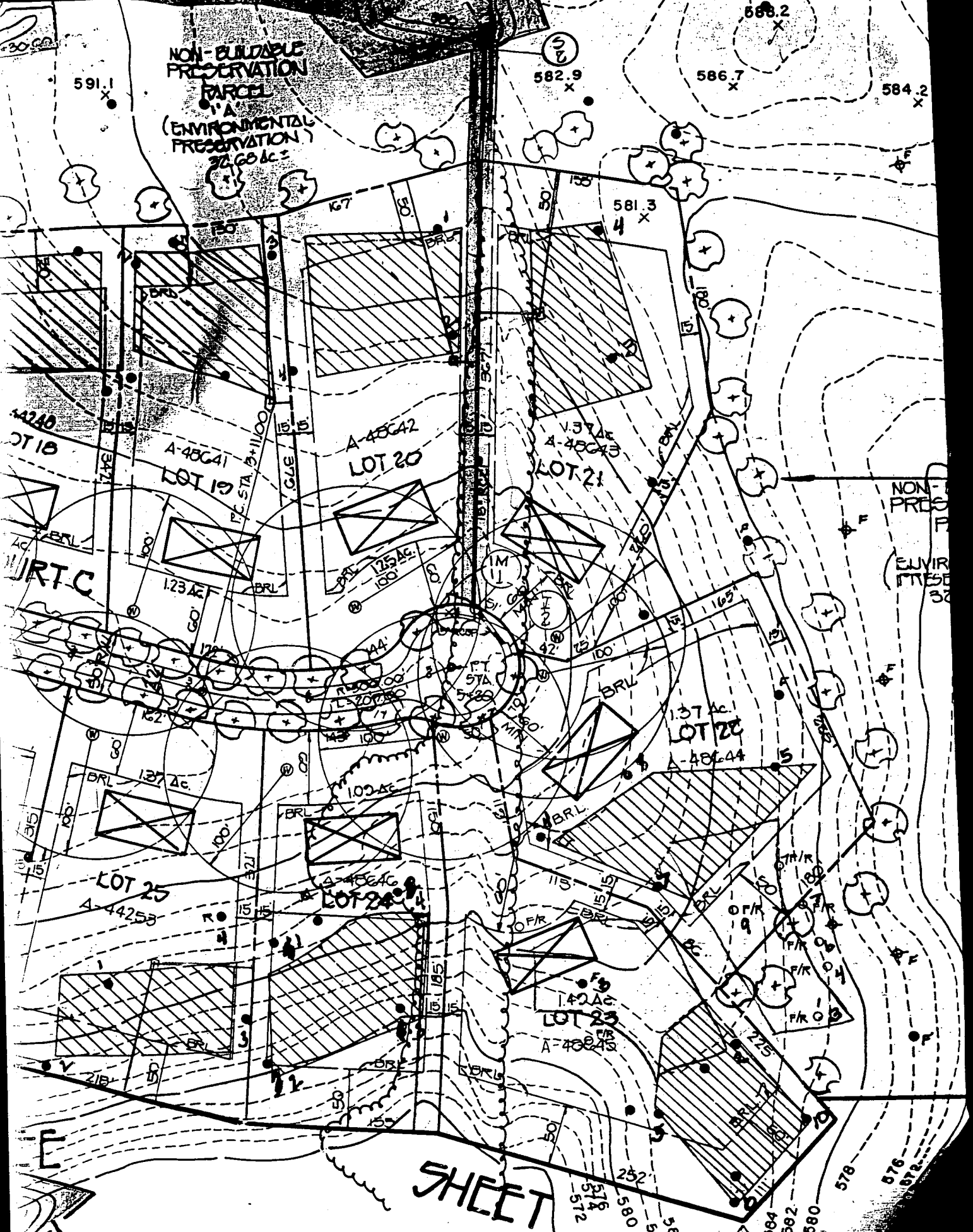
PUMP INSTALLED

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). PUMP HORSE POWER. PUMP COLUMN LENGTH (nearest ft.). CASING HEIGHT (circle appropriate box and enter casing height). LAND SURFACE (nearest foot): 1.

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)

Drilled on Approved state

NON-BUILDABLE
PRESERVATION
PARCEL
'A'
(ENVIRONMENTAL
PRESERVATION)
30.65 AC ±



SHEET

DRAINAGE
UTILITY EASEMENT

Preliminary Plan
SP 93-15

NON-BUILDABLE
PRESERVATION

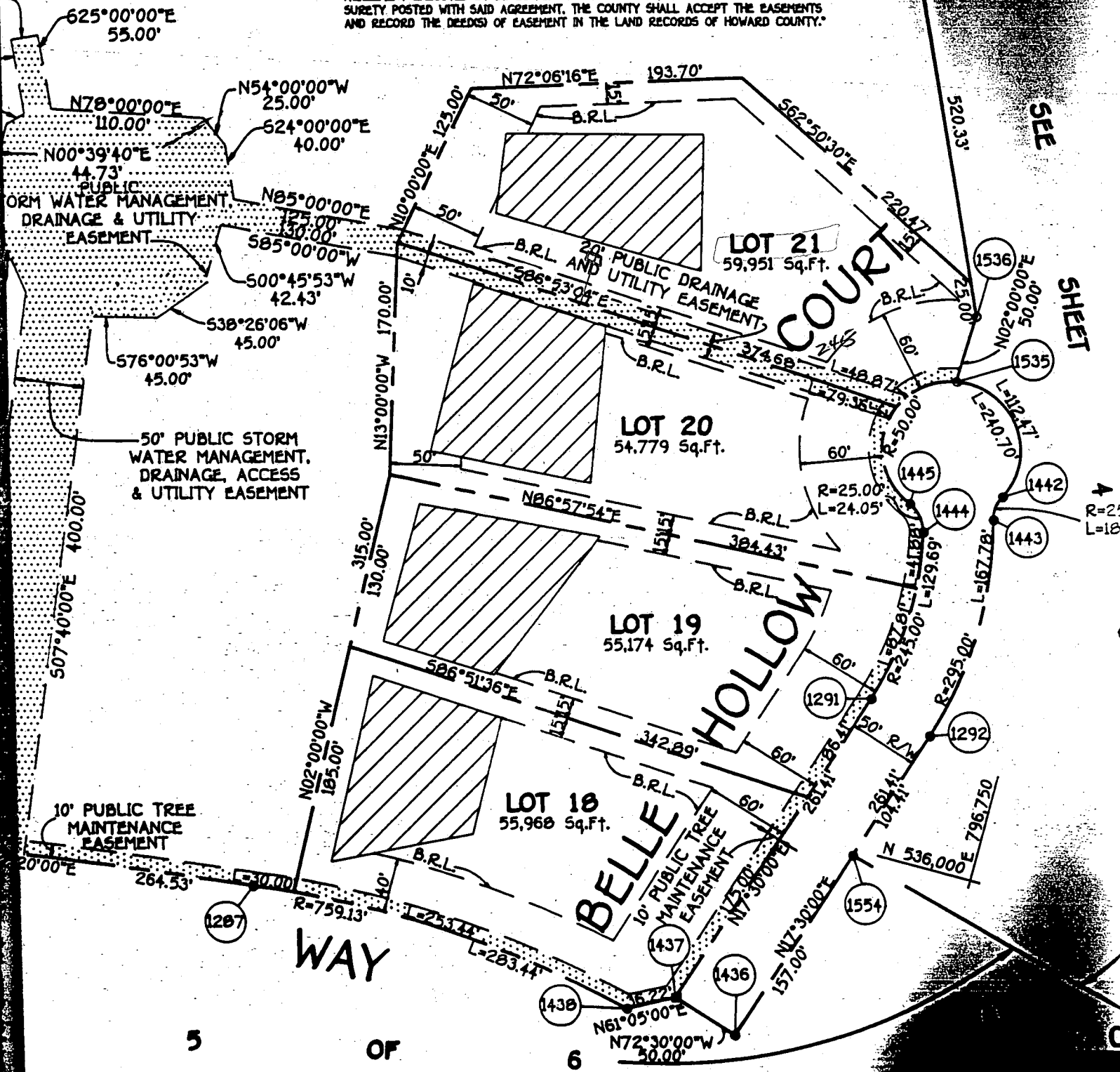
PARCEL "A"

(ENVIRONMENTAL PRESERVATION)

THIS SHEET = 16.572 Ac.
AREA OF PARCEL "A", SEE SHEET 2
DEVELOPED AND MAINTAINED BY
OWNER'S ASSOCIATION

RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS

DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNEES, ALL RIGHTS AND EASEMENTS SHOWN ON THIS PLAT FOR WATER, SEWER, STORM DRAINAGE, PUBLIC UTILITIES AND FOREST CONSERVATION (DESIGNATED AS "FOREST CONSERVATION AREA"), LOCATED IN, ON, OVER AND THROUGH LOTS 18, 19, 20 AND PARCELS A, B, C AND D. ANY CONVEYANCES OF THE AFORESAID LOTS SHALL BE SUBJECT TO THE EASEMENTS HEREIN RESERVED, WHETHER OR NOT EXPRESSLY STATED IN THE DEED(S) CONVEYING SAID LOT(S). DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY, WITH A METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THEIR ACCEPTANCE BY HOWARD COUNTY, AND, IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATIONS UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENTS AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.



SEE SHEET

5 OF 6

CC