

PERMIT

03-316157

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 56593

A 41727

DISTRICT 3

DATE 5/1/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE SYSTEM APPROVED 7/23/96

INSPECTOR *df*

Arnold Backhoe & Septic Service, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 7110 Woodbine Road, Woodbine, MD 21797 PHONE 795-7873

SUBDIVISION Spring Valley Chase LOT 51 ROAD 12137 Deer Haven Road

PROPERTY OWNER Trinity Custom Homes, Inc. Lynn Lacy

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 225

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 - Starting from the right rear lot corner, start the first trench 210' down the right lot line and 130' off this same lot line. Run trenches on contour toward right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. DK Au 5/17/96

PLANS APPROVED BY Mark Rifkin 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.

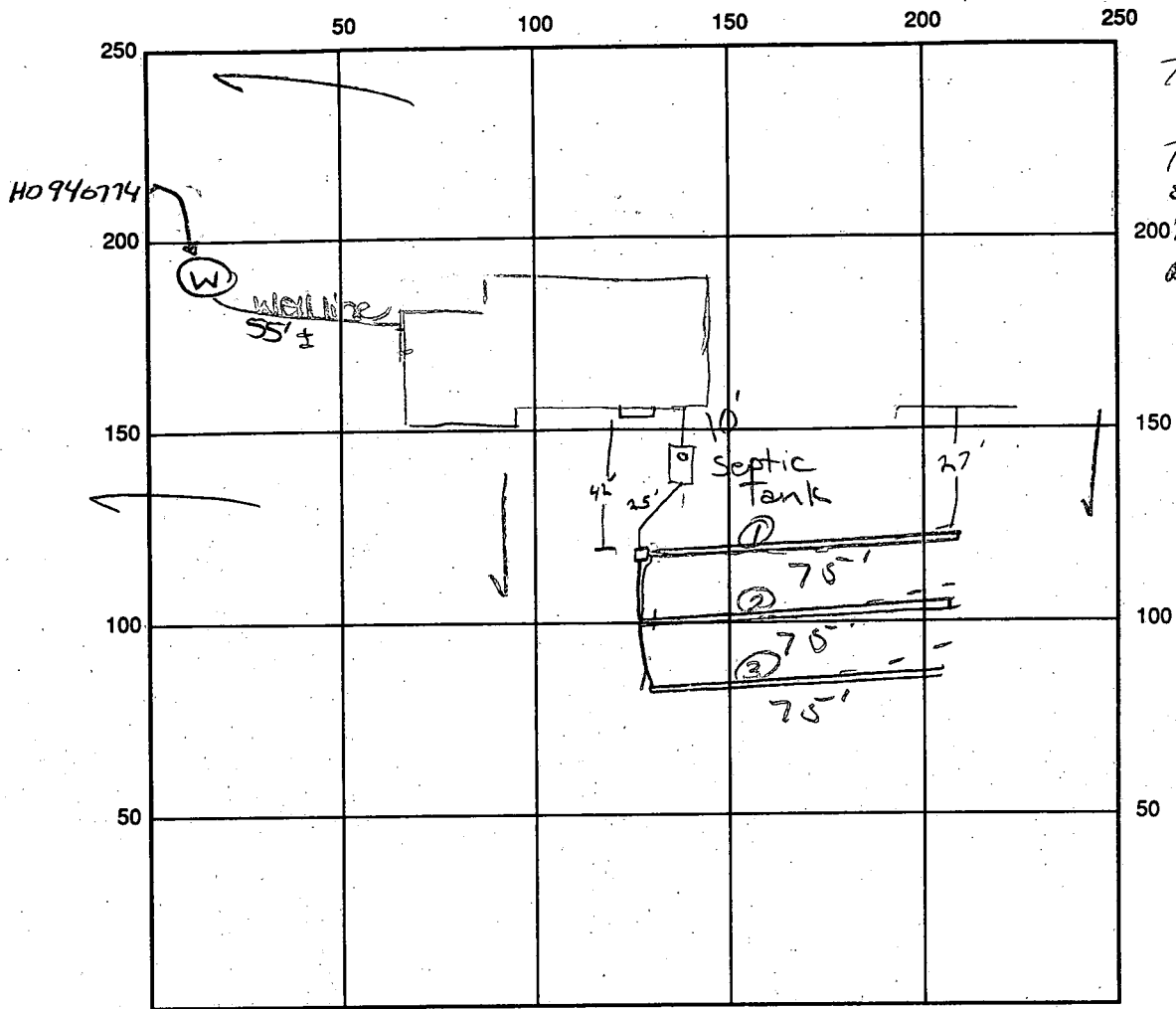
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

A 41727

7/14/96 1100
7/23/96
Anytime
8/6/96
WPI anytime



To Finaling Sanitarian:
 This is Contractor's sketch - Please Finish drawing at final inspection!

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 AT WALL, 1 ON PAIR to Deer Haven Rd.
 DISTRIBUTION BOX LEVEL OK
 DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 75/75/75 FT. } 225
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 900 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS: 1st 2 trenches open, some casing (due to very sandy loam) in place. OK to gravel fill these trenches and gravel fill on bedding the other trench to avoid casing problem. 8/18/96 This 7/23/96
SEPTIC SYSTEM COMPLETE, OK TO COVER.

8/6/96 well line and P.A. 4.5' below grade. Casing max 8" above grade.
 DATE SYSTEM APPROVED 7/23/96 INSPECTOR [Signature] OK to cover. OCS

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41727

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3RD.

DATE FEB. 16, 1988

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~ALBEE FARMS~~ Trinity Custom Homes

ADDRESS 12150 ROUTE 99 MARRIOTTVILLE MD. 21104 PHONE _____

PROPERTY LOCATION: N/3 MD. ROUTE 99 WEST OF HENRYTON ROAD

SUBDIVISION ~~ALBEE FARM~~ Spring Valley Chase LOT NO. BT 51 on Final

ROAD AND DESCRIPTION ROAD 'A' 12137 Deer Haven Road **DBG. PERMIT SIGNED**

RETURNED 5-14-88 916
Serial # 64629

SIZE OF LOT 10.24 ac! TYPE BLDG. SFD - 5 BRMS
(NUMBER OF BEDROOMS)

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]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7-15-88 Price Satisfactory - Hold for Subd. Plat. S. C.

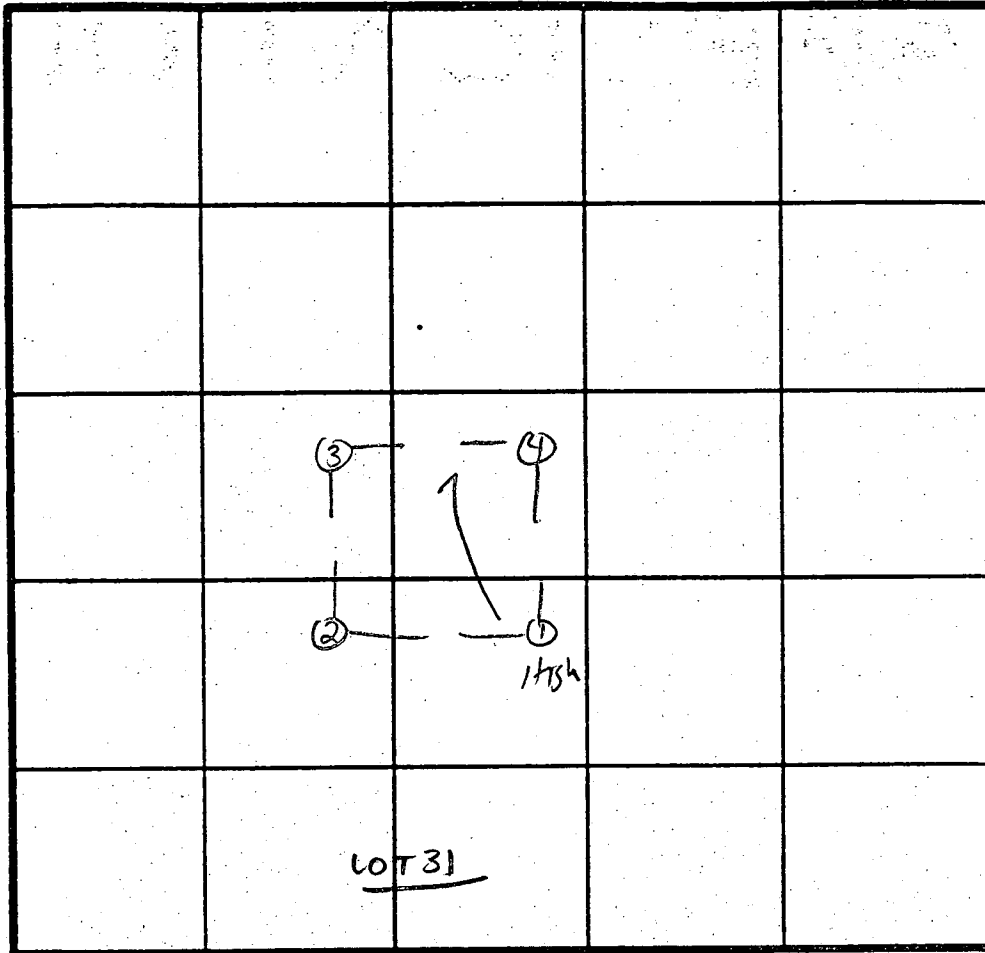
THIS IS NOT A PERMIT

SOIL PROFILE

0
3"
8"
13"

A1-3
Yellow BR
Silt CLAY
LOAM
15-20%
FRAS

Mu/White
BROWN
SAND
LOAM
25-35%
FRAS



2 Perc 3 min
160 #/BR
INLET 4
BOTTOM 8

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HENRYTON Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/15/88	1S	4.5'	12:36	12:37	12:37	12:40	3min
		8.5'	12:35	12:37	12:37	12:41	4min
	1V	13"	UNIFORM	Soil below 4'			
	2V	12.5'	UNIFORM	Soil below ~40'			
	3S	5'	12:45	12:46	12:46	12:48	2min
		12.0'	UNIFORM	Soil below ~40-45'			
	4S	3'	12:49	12:50	12:50	12:52	2min
		12.5'	UNIFORM	Soil below 35'			

REMARKS Holes Approx Plat

TYPE OF SOIL Chester

TESTED BY S. Abel

ALSO PRESENT SKIP JONES, RES. GAVEN

EH-12-1079

C1 **4568** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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 **A41727**

ST/CO USE ONLY
 DATE Received

DATE WELL COMPLETED
ASD 996

Depth of Well
 22 **400** 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
H0-94-0774

OWNER **Trinity Homes**
 STREET OR RFD **Deer Haven Rd** TOWN **Deer Friendship**
 SUBDIVISION **SPRING VALLEY CHASE** SECTION **LOT 151**

WELL LOG
 Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Sand	0	83	
Gray Mica Rock	83	400	✓

400' dry well filled in with cement + drilling materials

GROUTING RECORD (yes no
 WELL HAS BEEN GROUTED (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY
 NO. OF BAGS **19** NO. OF POUNDS **1786**
 GALLONS OF WATER **114**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **70** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch): **6**
 Total depth of main casing (nearest foot): **86**

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST STEEL BR BRASS BRONZE HO OPEN-HOLE
 PL PLASTIC OT OTHER

C 3
PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min.) **2**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **35** ft.
 WHEN PUMPING **348** 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 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)
 + above } LAND SURFACE
 - below } **7** (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: **1**

WELL HYDROFRACTURED YES NO
 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

TYPE: MWD/MSD/MGD
 DRILLERS LIC. NO. **24**
Joseph P. Moore

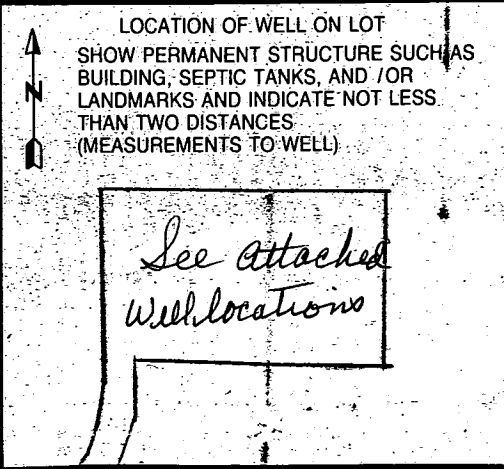
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 LIC. NO.

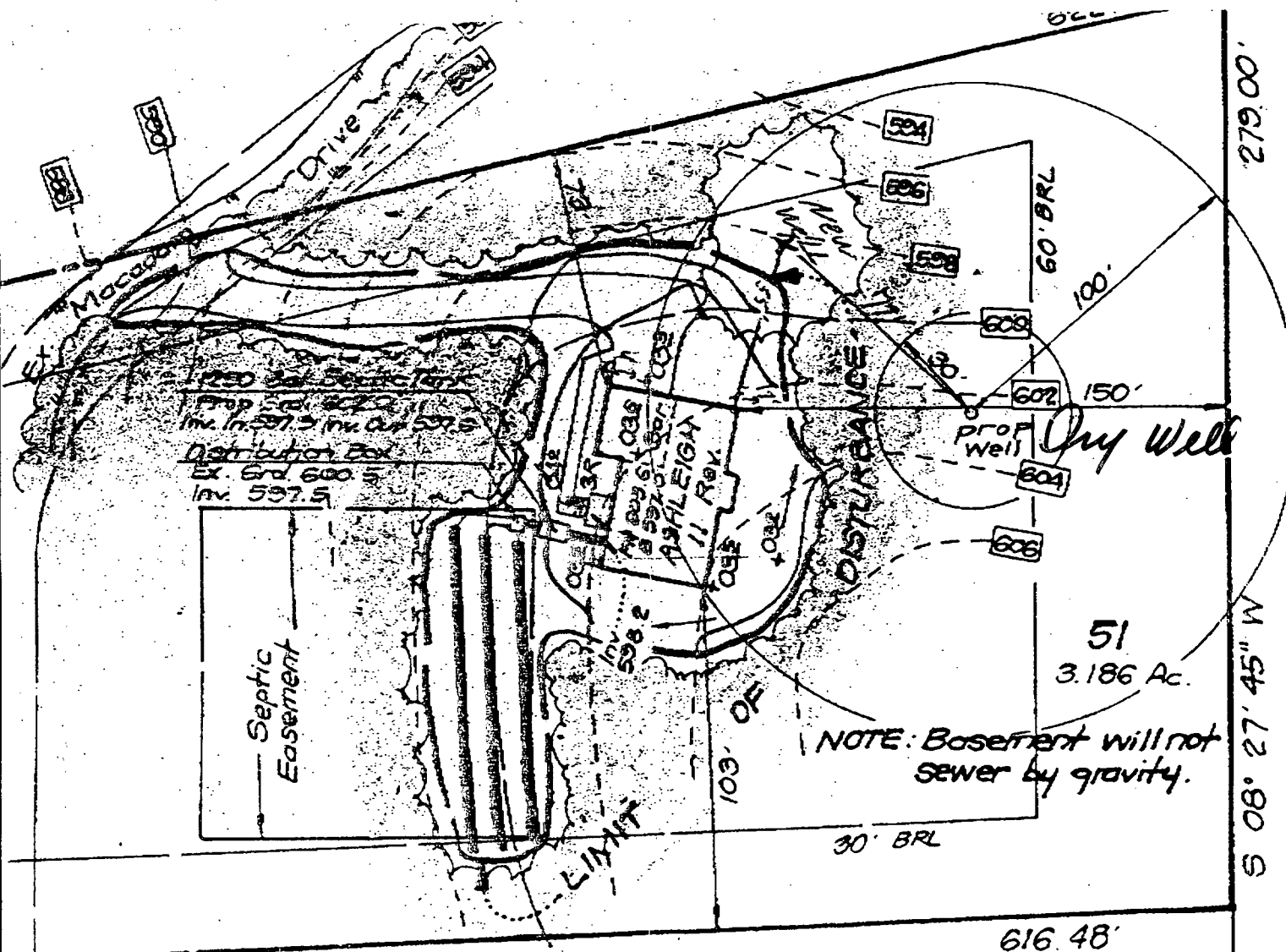
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C 2
 DEPTH (nearest ft.)
 A1 **H0 85 400**
 A2
 A3
 S1
 S2
 S3
 E1
 E2
 E3
 N1
 N2
 N3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH)

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





200 Gal. Sanitary Tank
 Prop Well 2022
 Inv. In 597.5 Inv. Out 597.5
 Distribution Box
 Ex. Grd 600.5
 Inv. 597.5

Septic Easement

Dry Well

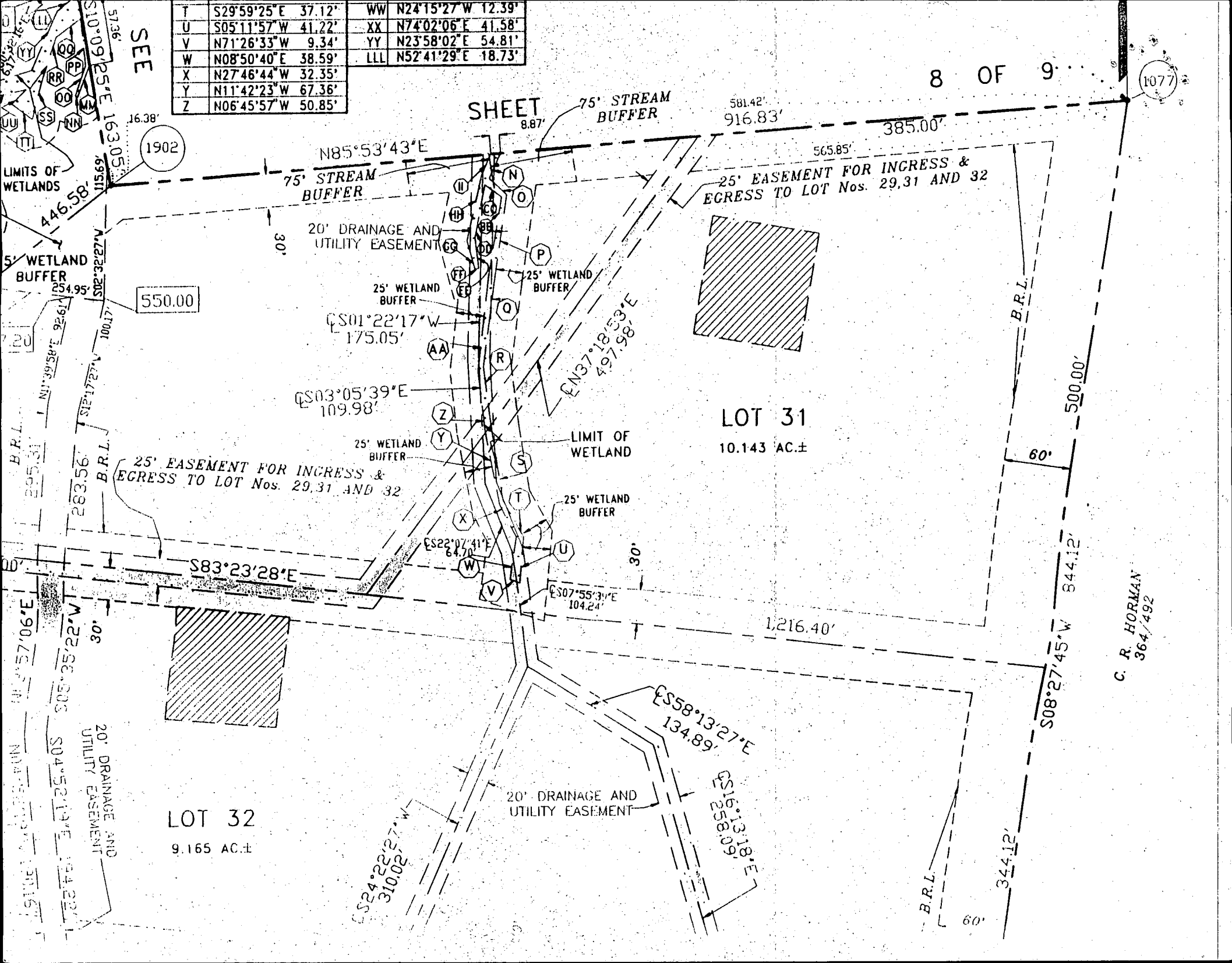
NOTE: Basement will not
 sewer by gravity.

51
 3.186 Ac.

C.R. HORMAN
 364 F 492

Private 30' Wide Ingress and Egress
 Easement For lots 49-54.
 L.2617 F.144

T	S29°59'25"E	37.12'	WW	N24°15'27"W	12.39'
U	S05°11'57"W	41.22'	XX	N74°02'06"E	41.58'
V	N71°26'33"W	9.34'	YY	N23°58'02"E	54.81'
W	N08°50'40"E	38.59'	LLL	N52°41'29"E	18.73'
X	N27°46'44"W	32.35'			
Y	N11°42'23"W	67.36'			
Z	N06°45'57"W	50.85'			



SEE

SHEET 8.87

75' STREAM BUFFER

581.42'
916.83'

385.00'

25' EASEMENT FOR INGRESS & EGRESS TO LOT Nos. 29, 31 AND 32

20' DRAINAGE AND UTILITY EASEMENT

25' WETLAND BUFFER

25' WETLAND BUFFER

S01°22'17"W
175.05'

N37°18'53"E
497.98'

S03°05'39"E
109.98'

LOT 31
10.143 AC ±

LIMIT OF WETLAND

25' WETLAND BUFFER

25' EASEMENT FOR INGRESS & EGRESS TO LOT Nos. 29, 31 AND 32

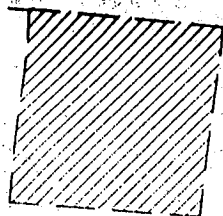
25' WETLAND BUFFER

S22°07'41"E
84.70'

S07°55'31"E
104.24'

1,216.40'

S83°23'28"E



LOT 32
9.165 AC ±

20' DRAINAGE AND UTILITY EASEMENT

S58°13'27"E
134.89'

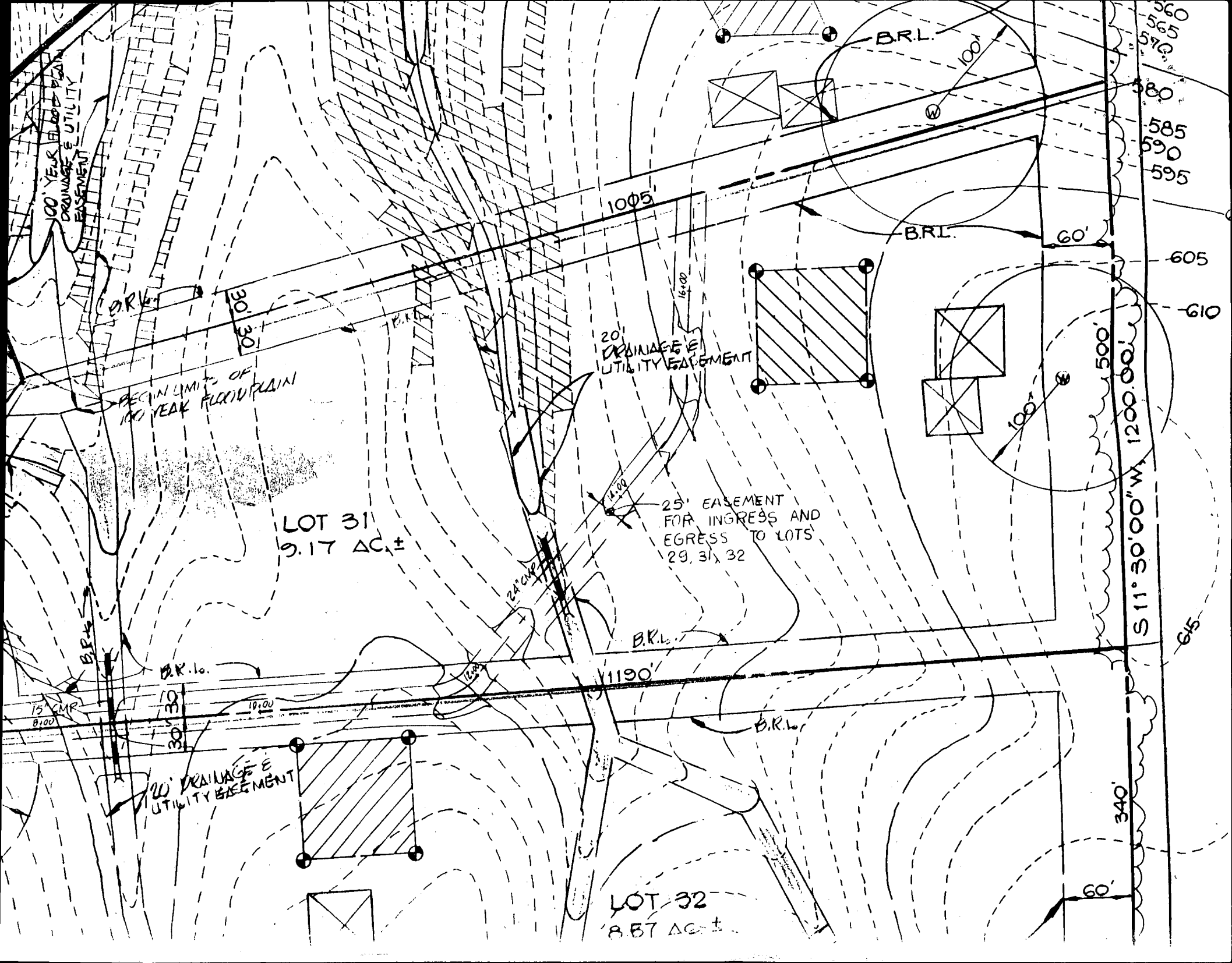
S16°31'18"E
625.809'

S24°22'27"W
310.02'

S08°27'45"W
844.12'

344.12'

C. R. HORMAN
364/492



100 YEAR FLOODPLAIN
DRAINAGE & UTILITY
EASEMENT

BEGIN LIMITS OF
100 YEAR FLOODPLAIN

LOT 31
9.17 AC. ±

20' DRAINAGE &
UTILITY EASEMENT

25' EASEMENT
FOR INGRESS AND
EGRESS TO LOTS
29, 31, 32

20' DRAINAGE &
UTILITY EASEMENT

LOT 32
8.87 AC. ±

560
565
570
580
585
590
595

605
610

645

S 11° 30' 00" W 1200.00'

340'

60'

60'

B.R.L.

B.R.L.

B.R.L.

B.R.L.

1005'

1190'

30'
30'

B.R.L.

10'
30'

15' CMP
8.00'

14.00'

14.00'

24' CMP

100'

100'

500'