

1/3/97 as Final  
copy  
1/8/97  
WPT 12-1

# PERMIT

01-349547

## SEWAGE DISPOSAL SYSTEM

P 57616

A 41135

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 4th

# INDEXED

DATE 12/27/96

#### HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 313-2640

DATE SYSTEM APPROVED 1-3-97

INSPECTOR ALM

Arnold Backhoe & Septic Services

IS PERMITTED TO INSTALL  ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797

PHONE 795-7873

SUBDIVISION Wellington

LOT 30

ROAD 2834 Hunt Valley Drive

PROPERTY OWNER Trinity Custom Homes, Inc.

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

**BLDG. PERMIT SIGNED**

**AND RETURNED 2-7-97**

Serial # B0106604

Undgd - 500 gal perpendant

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box 80 feet down the right (358.98') lot line and 95 feet off this same lot line as seen when facing the lot from Hunt Valley Drive. Run trenches on contour towards the 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.

OK 12/2/96

PLANS APPROVED BY Donna K. Soe

REVISED

DATE 11/21/96

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

**BLDG. PERMIT SIGNED**

**AND RETURNED 6-19-97**

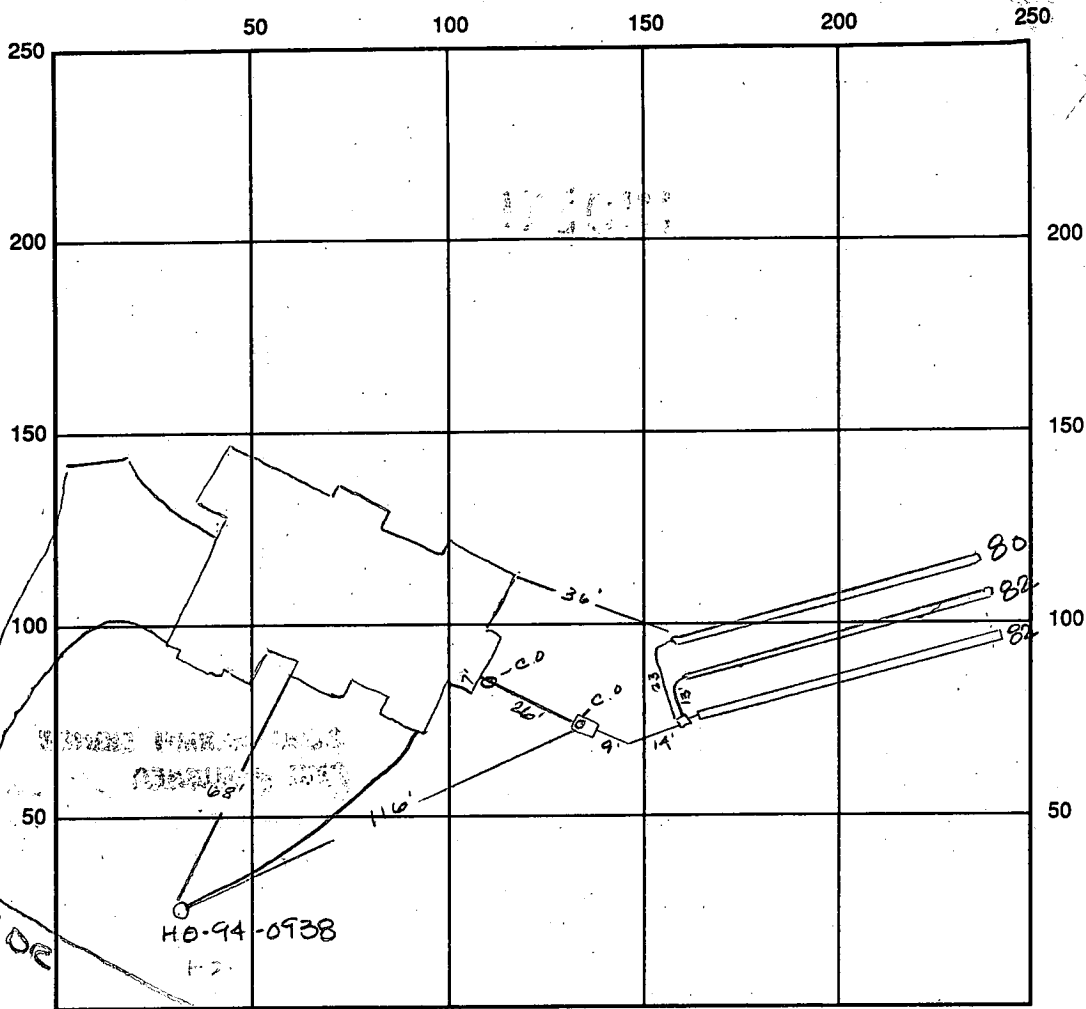
Serial # B1106921

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS C.O. 1 & 2 OK

DISTRIBUTION BOX LEVEL OK baffle is in

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3.0 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 244 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 732 SQ. FT.  $\frac{244 \times 3}{32}$

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

ABSORBENT AREA — SQ. FT.

REMARKS: 1/3/97 OK to cover all work final ALM 4/8/97 WPI  
OK to cover well line

DATE SYSTEM APPROVED 1/3/97 INSPECTOR A McMullen

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 41135  
P \_\_\_\_\_

DISTRICT 4TH

DATE December 18, 1987

FEB 26 1988

*5/10/88  
perc OK'd  
pending approved  
plat*

BLDG. PERMIT SIGNED  
AND RETURNED 1/27/96  
*Serial # BM103207  
SFD-4Bmm*

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 E. Oliver Goldsmith, et ux Trinity Custom Homes Inc

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION: Wellington Section one area one LOT NO. LOT 30 Preliminary  
SUBDIVISION Longwood Farm LOT NO. 30-26 Sec. 1

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and  
Union Chapel Road (2834 Hunt Valley Drive)

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential  
(NUMBER OF BEDROOMS) \*  
\* Undetermined at this time

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. Security Development Cont.  
By: Steve Bush v.p.  
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR trenches DATE 1/21/90

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

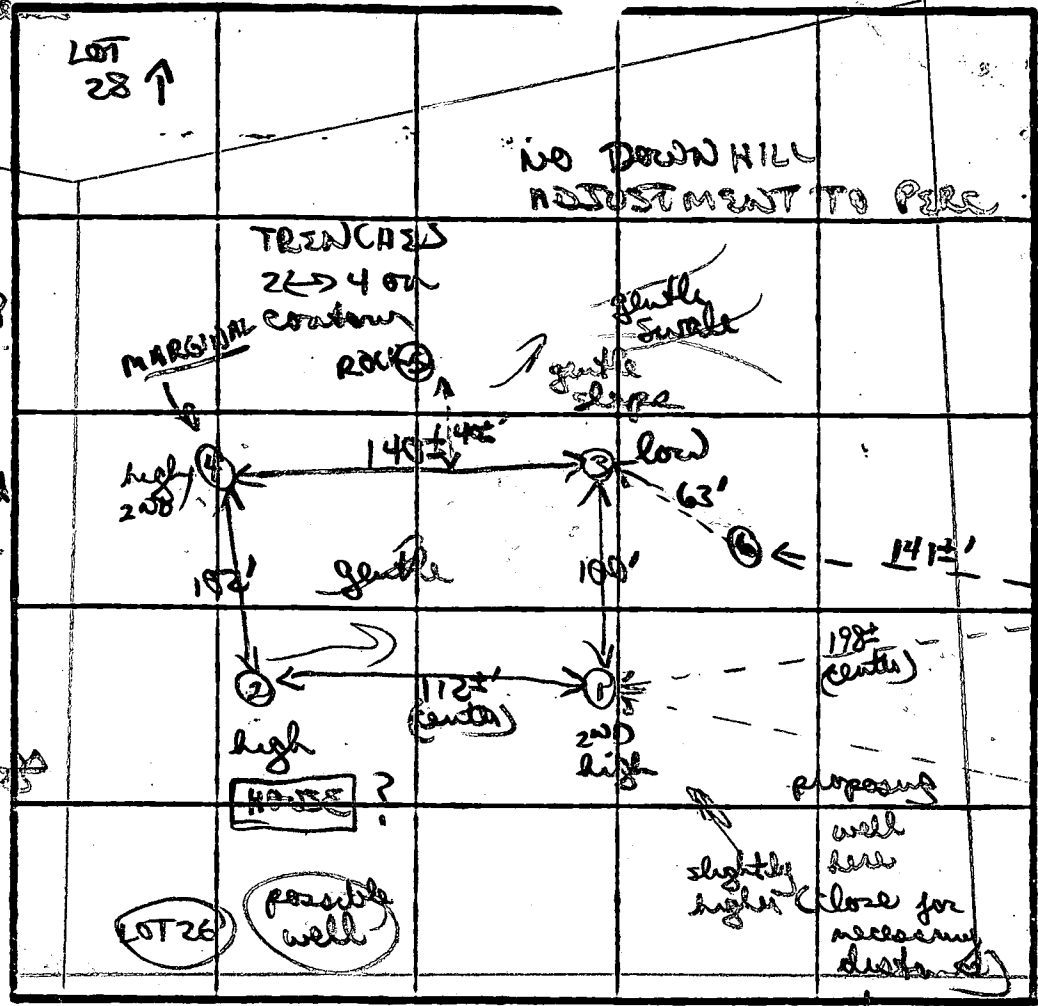
REASONS FOR REJECTION OR HOLDING: field located (good well) confirmed well & house  
site. possible perc adjustment (towards hole 6)

# THIS IS NOT A PERMIT

Keep initial system shallow & life 4 is included

SOIL PROFILE

Red/orange brown gritty clay silty loam 4'  
 changing to mostly light orange tan silty mica loam  
 w/ few small scattered frags  
 12 1/2'



gritty red clay / clay sand loam 3 1/2'  
 to light orange tan silty mica loam 4 1/2'  
 13'D  
 orange/red clay / clay loam 3 1/2'  
 mostly tan / orange silty loam 12'D

orange/brown silty clay mix 2 1/2'  
 orange silty loam w/ patchy med rock frags 15' x 5'  
 refusal / hard 10'D  
 ROCK 3+ Refusal 4 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HUNT VALLEY DRIVE

| DATE    | TEST NO. | DEPTH         | VISUAL 12" D BORE WELL |      | TEST - 1" DROP |      | TIME  |
|---------|----------|---------------|------------------------|------|----------------|------|-------|
|         |          |               | START                  | STOP | START          | STOP |       |
| 5/10/88 | 1        | 3 1/2 - 4' 5" | 125                    | 129  | 129            | 134  | 5 MIN |
|         |          | 12 1/2' D     | bottom (see profile)   |      |                |      |       |
|         | 2        | 4' 5"         | 129                    | 132  | 132            | 137  | 5 MIN |
|         |          | 7' M          | 128 to                 | 130  | 130            | 132  | 2 MIN |
|         |          | 12' D         | bottom (see profile)   |      |                |      |       |
|         | 3        | 3 1/2' 5"     | 131                    | 135  | 135            | 141  | 5 MIN |
|         |          | 13' D         | bottom (see profile)   |      |                |      |       |
|         | 4        | 3 1/2' 5"     | 138                    | 141  | 141            | 145  | 4 MIN |
|         |          | 10' D         | hard bottom (refusal)  |      |                |      |       |
|         | 5        | ROCK REFUSAL  | 4 1/2'                 |      |                |      |       |

REMARKS: dug & tested as staked. Check ARC for sufficient head - site. well site high 6in hole due to help for orange/red clay loams, silty loams below

TYPE OF SOIL: orange/red clay loams, silty loams below

TESTED BY: B Nixon

ALSO PRESENT: Chip, Kern

12-1079  
 INLET 3 1/2'  
 MAX D 5 1/2'  
 X: 4+ MIN

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 992-2330

A 41136  
P \_\_\_\_\_

DISTRICT 4TH

DATE ~~December 18, 1987~~

FEB 26 1988

*5/11/88  
per one of permits  
approved plans  
@*

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 C. Oliver Goldsmith, et ux

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION: Wellington Sect 1 area 1  
SUBDIVISION Longwood Farm LOT NO. 27

*Included new 30*

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt.97) and  
Union Chapel Road

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential

(NUMBER OF BEDROOMS) \*

\* Undetermined at this time

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 MOSHA REQUIREMENTS IN TESTING THIS LOT. SECURITY DEVELOPMENT Corp.  
By: S. K. Bunch JR  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for field located holes (ground water) confirmed  
house & well site; S/D plot

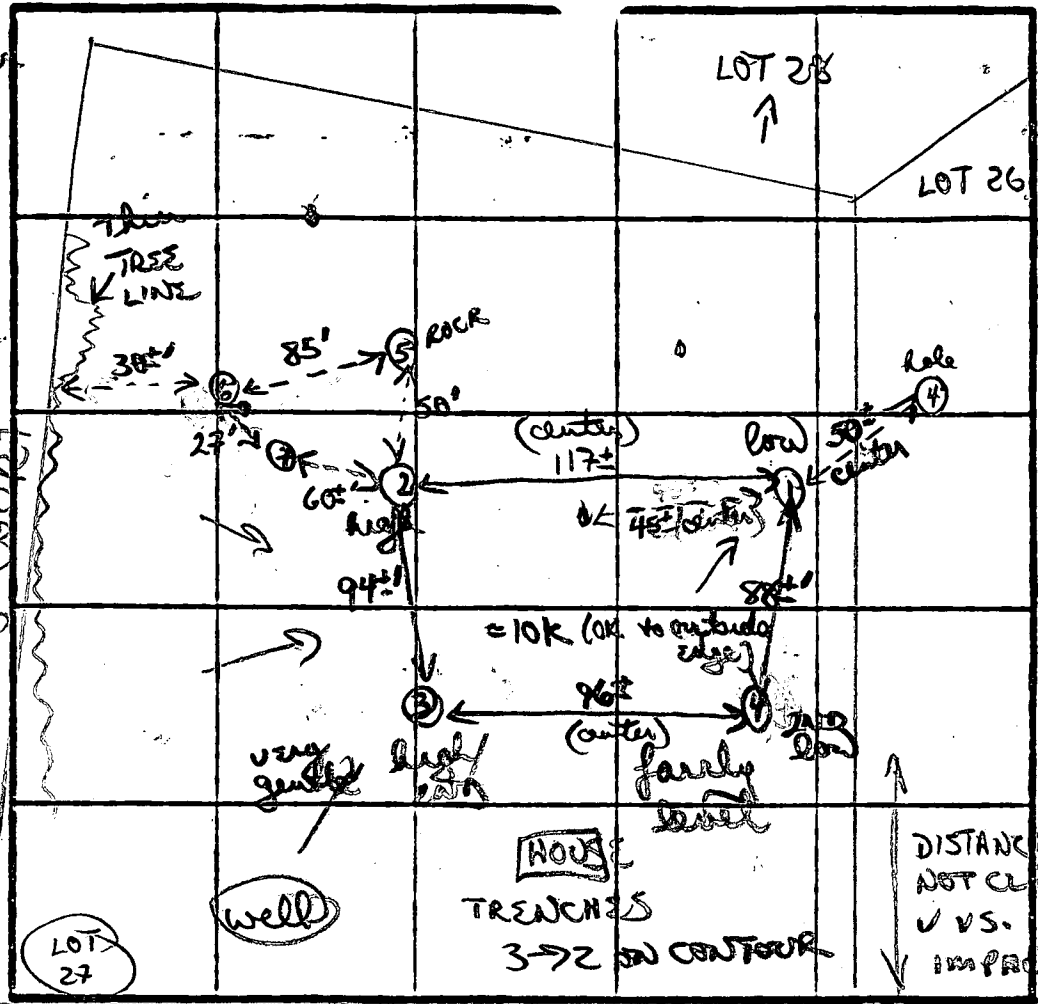
# THIS IS NOT A PERMIT

approx orig proposed design

① ②

SOIL PROFILE

chunky red orange clay  
 3 1/2'  
 gritty orange clay/sand  
 silty 5'  
 to mostly orange then brown  
 silty mud brown  
 12' D, 13' D



④  
 yellow/brown/patched orange clay 4 1/2'  
 to gritty orange clay sandy/silty 6'  
 to mostly orange silty brown  
 13' D

5, 6, 7  
 brown orange gritty clay sand  
 rock + refusal

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 HUNT VALLEY DRIVE

| DATE    | TEST NO. | DEPTH          | PRE WET              |      | TEST - 1" DROP |      | TIME   |
|---------|----------|----------------|----------------------|------|----------------|------|--------|
|         |          |                | START                | STOP | START          | STOP |        |
| 5/11/88 | ①        | 4' S           | 1051                 | 1055 | 1055           | 1104 | 9 MIN  |
|         |          | 8' M           | 1051                 | 1056 | 1056           | 1106 | 10 MIN |
|         |          | 12' D          | bottom (see profile) |      |                |      |        |
|         | ②        | 4 1/2' S       | 1053                 | 1058 | 1058           | 1103 | 5 MIN  |
|         |          | 13' D          | bottom (see profile) |      |                |      |        |
|         | ③        | 4' S           | 1055                 | 1059 | 1059           | 1104 | 5 MIN  |
|         |          | 12' D          | bottom (see profile) |      |                |      |        |
|         | ④        | 4 1/2' S       | 1057                 | 1103 | 1103           | 1110 | 7 MIN  |
|         |          | 13' D          | bottom (see profile) |      |                |      |        |
|         | 5, 6, 7  | Rock - refusal |                      |      |                |      |        |

③  
 gritty brown orange chunky clay  
 clay sand silty max 4 1/2' - 5'  
 changing to mostly light orange silty brown  
 6 1/2'  
 12-1072  
 12' D

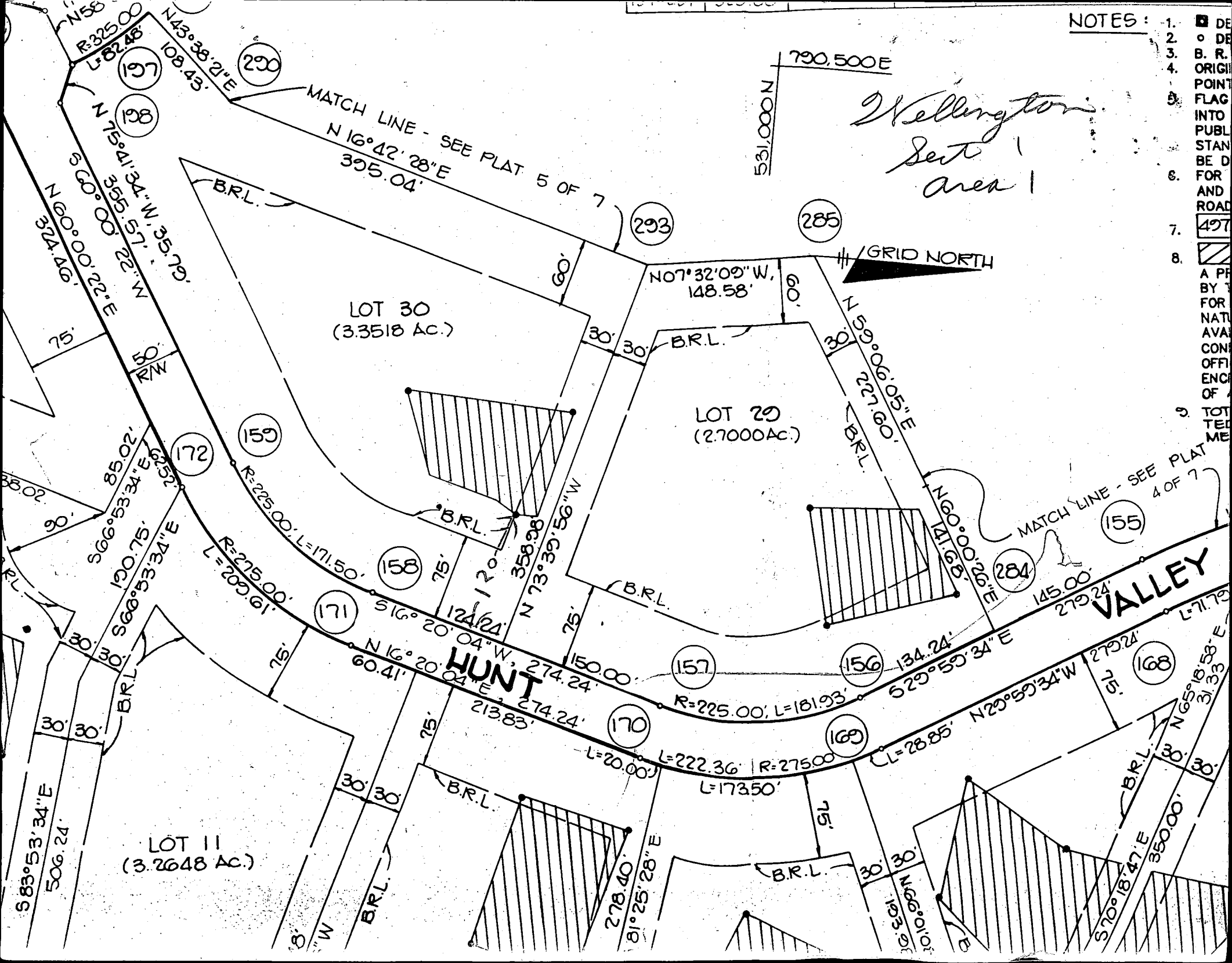
X = 7 min  
 INLET 4 1/2  
 MAX D 8 1/2  
 187 1/2 / 180

REMARKS: perc field shifted up & over due to probable rock in low area (see low holes lot 26). New location will respect well/maybe house sits to some degree  
 TYPE OF SOIL: orange/red clays 3-4' clay sand 5-6', orange silty brown below  
 TESTED BY: B. Nylan  
 ALSO PRESENT: Chip



- NOTES:
1. DE
  2. DE
  3. B. R.
  4. ORIGI
  5. POINT
  6. FLAG
  7. INTO
  8. PUBL
  9. STAN
  10. BE D
  11. FOR
  12. AND
  13. ROAD
  14. 497
  15. 497
  16. A PR
  17. BY T
  18. FOR
  19. NATU
  20. AVA
  21. CON
  22. OFFI
  23. ENCE
  24. OF A
  25. TOT
  26. TED
  27. ME

*Wellington  
Sect 1  
Area 1*



790,500 E  
531,000 N

GRID NORTH

MATCH LINE - SEE PLAT 4 OF 7

MATCH LINE - SEE PLAT 5 OF 7  
N 16° 42' 28" E  
395.04'

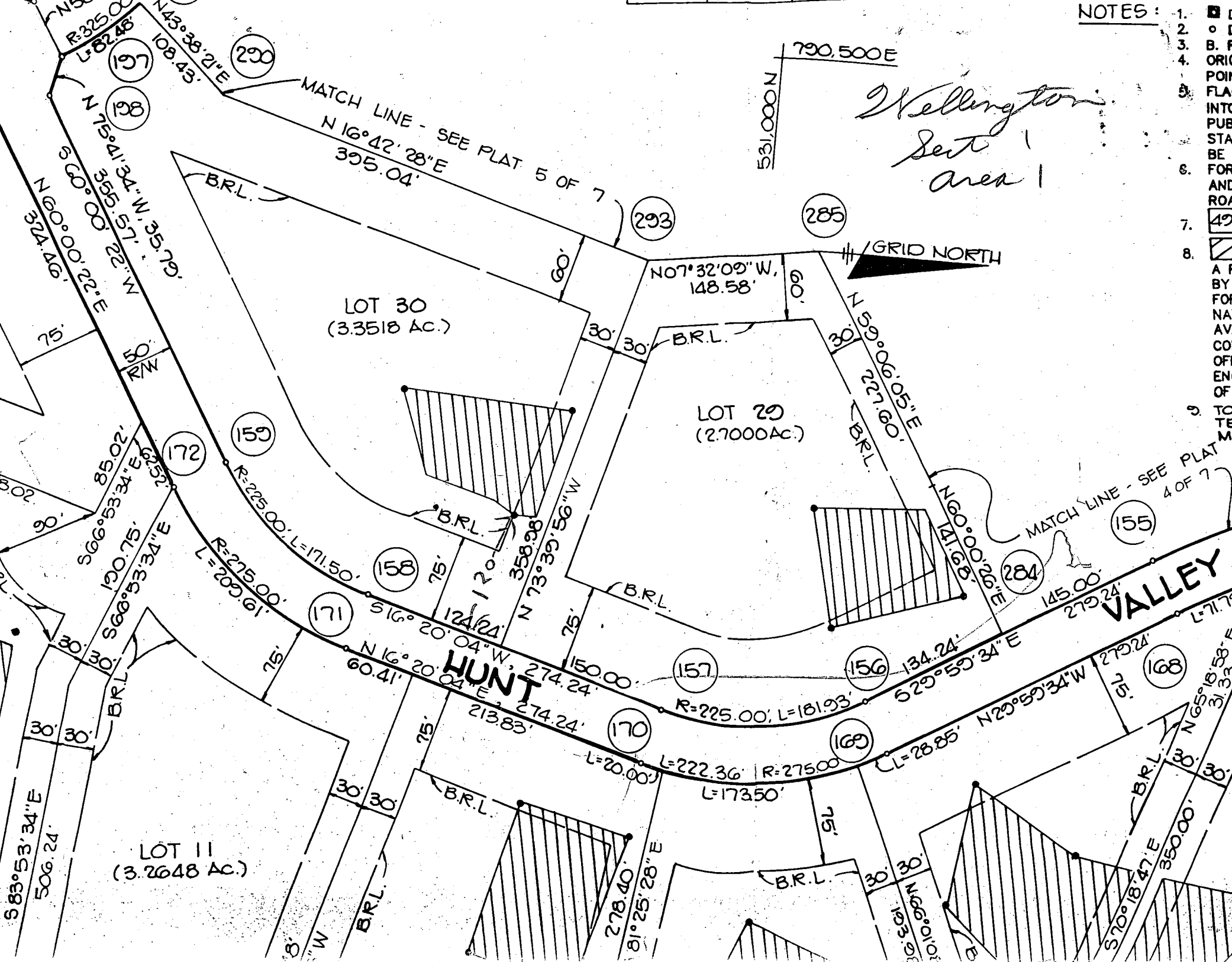
LOT 30  
(3.3518 Ac.)

LOT 29  
(2.7000 Ac.)

LOT 11  
(3.2648 Ac.)

HUNT

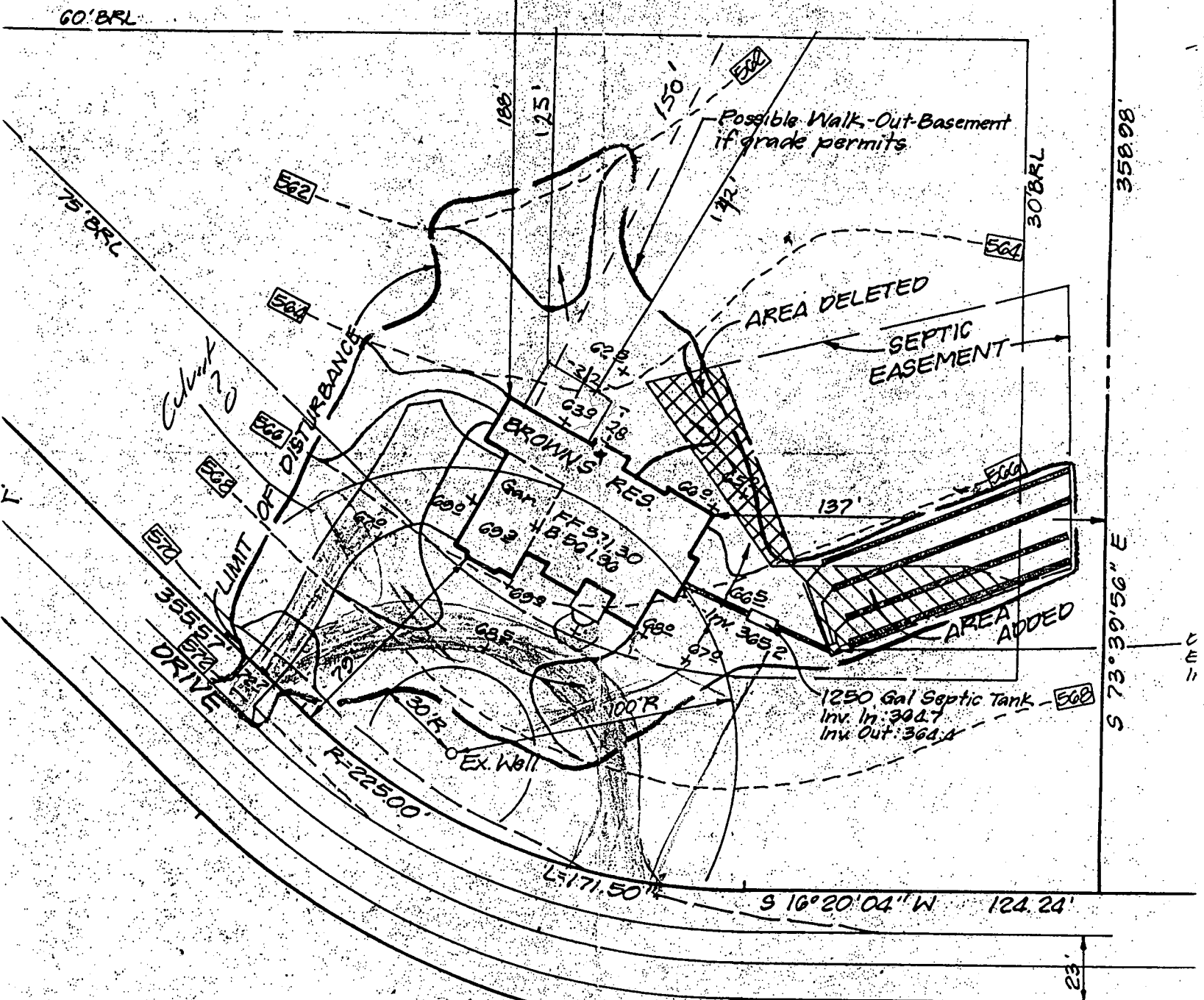
VALLEY





30  
3.3518 Acres

Basement will not  
Sewer by Gravity



Deck 5126

28 x 32 No steps

6-19-97  
Proposed deck will  
have no impact on  
well + septic (km)

**\* ATTENTION BP REVIEWER \***

35898

S 73°39'56" E

395.04'

N 10°42'28" E

**30** *Washington*  
3.3518 Acres

60' BRL

30' BRL

75' BRL

SEPTIC  
EASEMENT

Abandon existing  
area

Proposed New  
Location

House  
Location

100' R  
30' R  
EX. ABN

R=225.00'

124.24'

S 16°20'04" W

L=171.50'

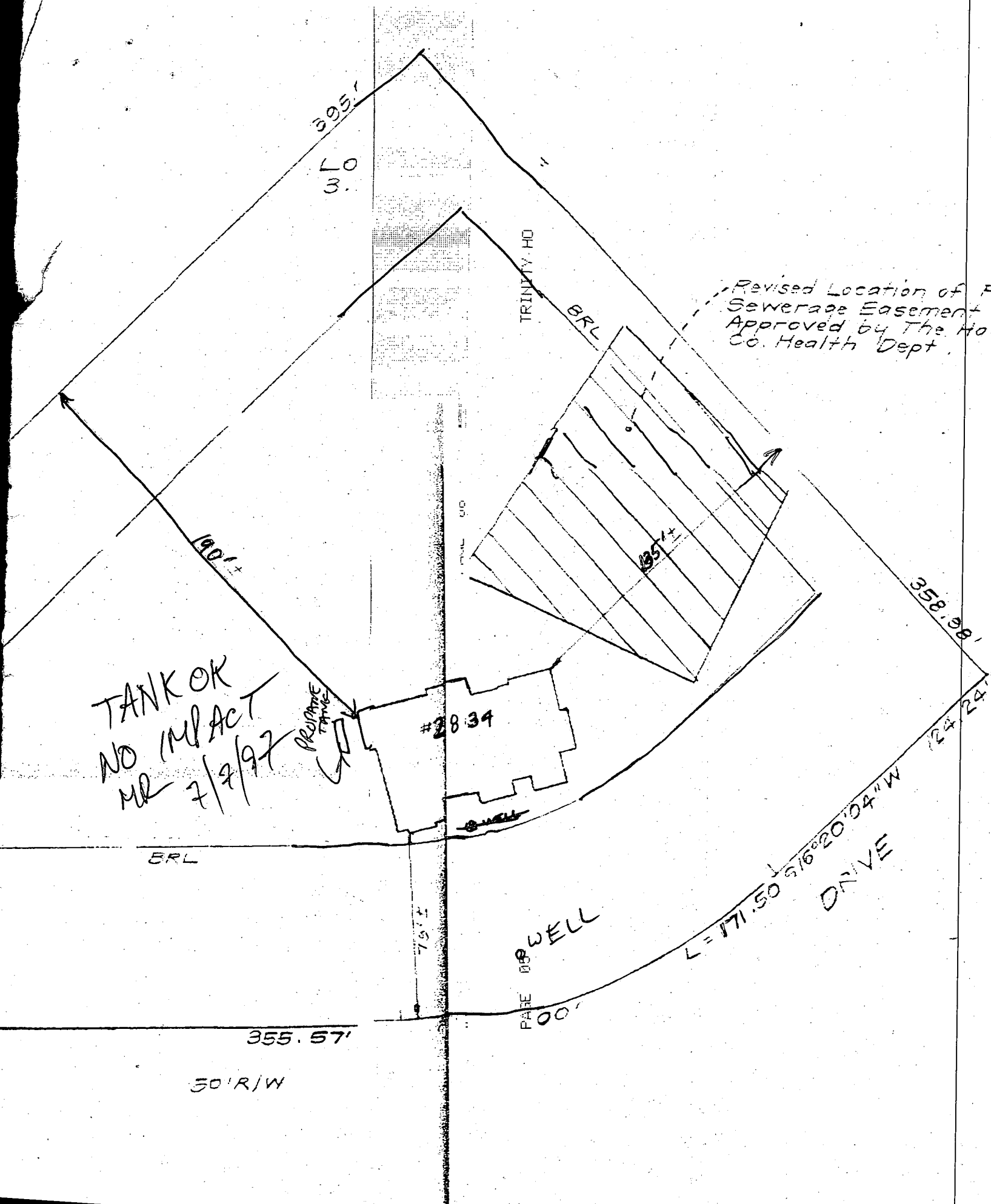
355.57'  
DRIVE

VALLEY

60°00'22" W  
HUNT

11/21/96  
I was received from  
Lyn@ Trinity Homes  
& agreed to septic area  
modification shown w/out  
additional testing. I  
notified Lyn of same.

(DKS)



395.1  
370

TRINITY HD

BRL

Revised Location of Sewerage Easement Approved by The Hou Co. Health Dept.

190.1+

135.1+

358.88'

TANK OK  
NO IMPACT  
MR 7/9/97

PRIVATE TANK

#2834

WELL

BRL

PAGE WELL

L=171.50 S16°20'04"W  
DRIVE

355.57'

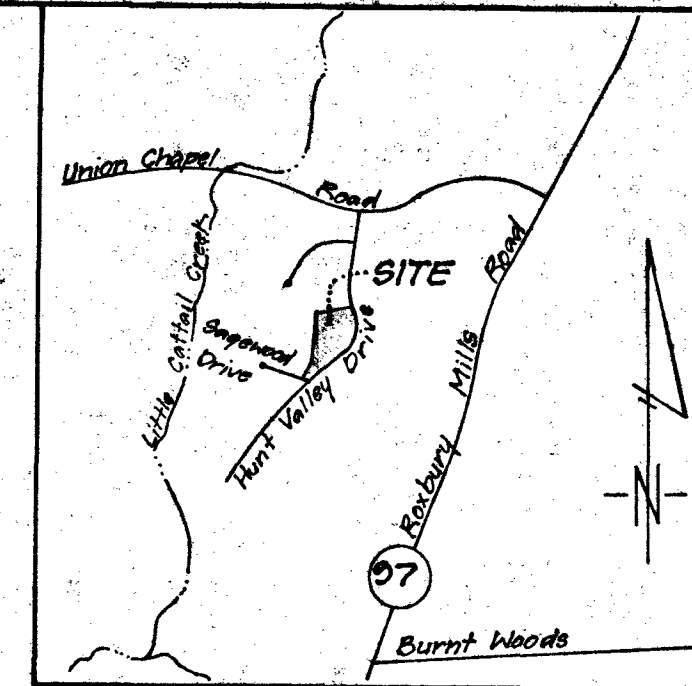
50'R/W

79.1

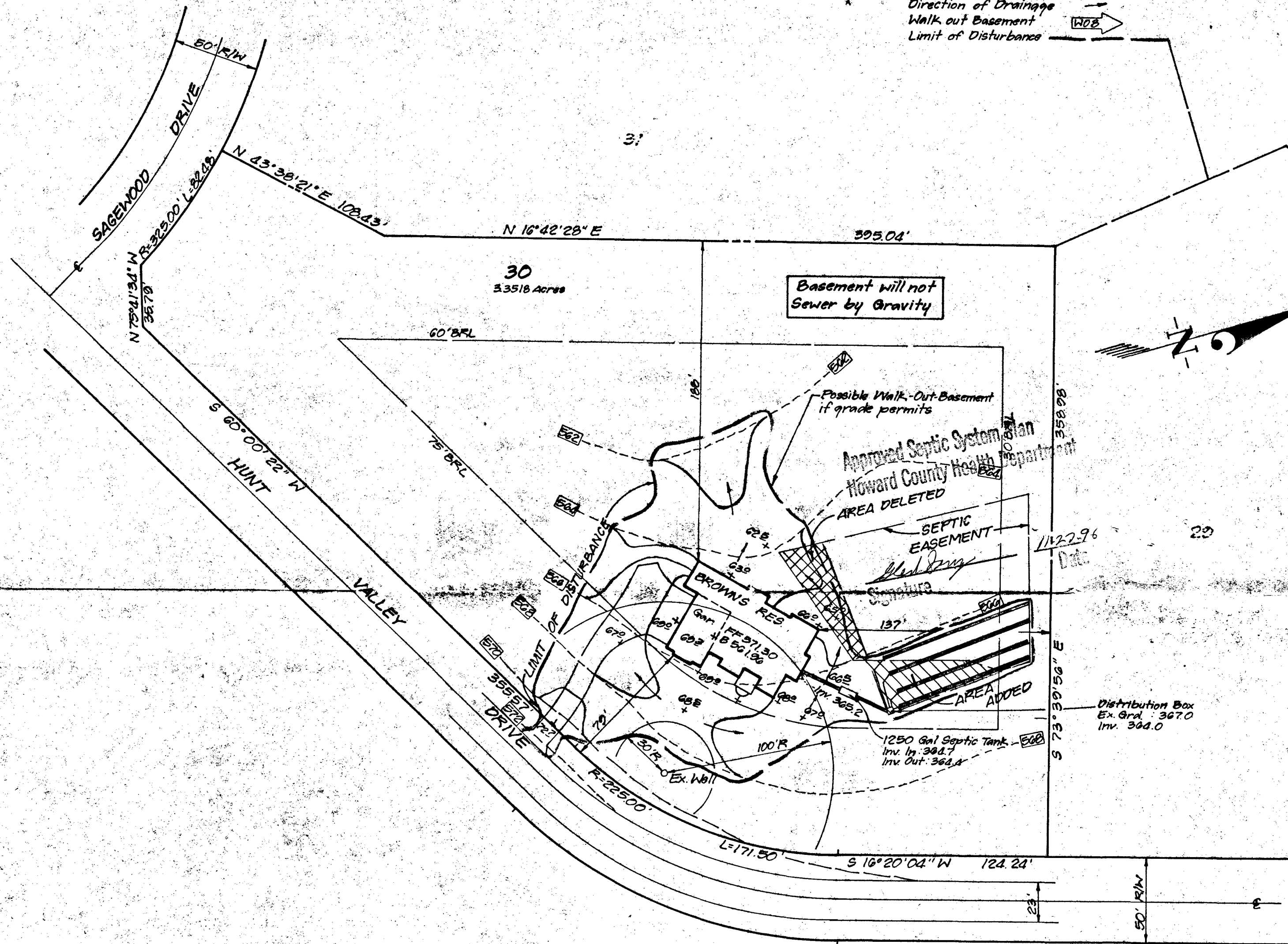
124.24'

**LEGEND**

- Contour Interval 2'
- Existing Contour 2'
- Proposed Contour 50'
- Spot Elevation + 62.5
- Direction of Drainage
- Walk out Basement
- Limit of Disturbance



**VICINITY MAP**  
1"=2000'



**GENERAL NOTES**

1. Existing Topography was field run by Clark, Finefrock & Sackett, Inc. on Nov. 12, 1996.
2. Length of trenches to be determined at time of Permit Issuance.
3. Reference: Plat 094G
4. Area disturbed: 29,550 sq ft

By Copy of this Plan, the Howard County Health Dept. accepts this Modification to the Platted Sewer Disposal Easement

| No | REVISIONS        | DATE     |
|----|------------------|----------|
| 1  | Lowered house 2' | 11-22-96 |

|  |   |          |
|--|---|----------|
| <b>CLARK • FINEFROCK &amp; SACKETT, INC.</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH. |   |          |
| DESIGNED   | <b>SITE DEVELOPMENT PLAN</b><br><b>LOT 30</b><br><b>WELLINGTON</b><br><b>SECTION ONE AREA ONE</b><br><b>TAX MAP Nos 14 &amp; 21      PARCEL Nos 73 &amp; 74</b><br><b>4th ELECTION DISTRICT</b><br><b>HOWARD COUNTY, MARYLAND</b><br>For: TRINITY BUILDERS, Inc<br>6212 Devon Drive<br>Columbia, Maryland 21044 | SCALE    |
| JME  |   | 1"=50'   |
| DRAWN  |   | DRAWING  |
| FS   |   | 1 of 1   |
| CHECKED  |   | JOB NO.  |
|  |   | 96-194   |
| DATE   |   | FILE NO. |
| Nov 21, 96   |   | 96-194 x |