

12-19-90
am partial
1/10/91
+ 3:00 P.M.
1:00 to
(1:30)
per
agreed

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

12/19/90 I.P.C.O.
1/10/91 I.P.C.O.
P46706 C.B.R.

A 45841

DISTRICT 4th

DATE 12/19/90

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

DATE SYSTEM APPROVED 1/13/91

INSPECTOR CW

INDEXED

Olen Ketterman

IS PERMITTED TO INSTALL ALTER

ADDRESS 14960 Route 144, Woodbine, Maryland 21797

PHONE 442-1336

SUBDIVISION Morgan Station LOT 6

ROAD 807 Old Station Court

PROPERTY OWNER Dale & Michele Wall

ADDRESS _____

SEPTIC TANK CAPACITY 1000 GALLONS

NUMBER OF BEDROOMS 3

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

Add-on - Dock & Screen Pond
BLDG. PERMIT SIGNED
DATE RETURNED 10-25-95
Serial # 62379

TRENCHES - Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Starting from the intersection of the 112.90' and 318.05' lot lines, start the first trench 30 feet down the 112.90' lot line and 60 feet off the same lot line. Run trenches on contour toward Iron Rail Court. Maintain at least 100 feet from the well. *12/6/90 OK RH*

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

PLANS APPROVED BY Mark Rifkin

DATE 5/18/90

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.

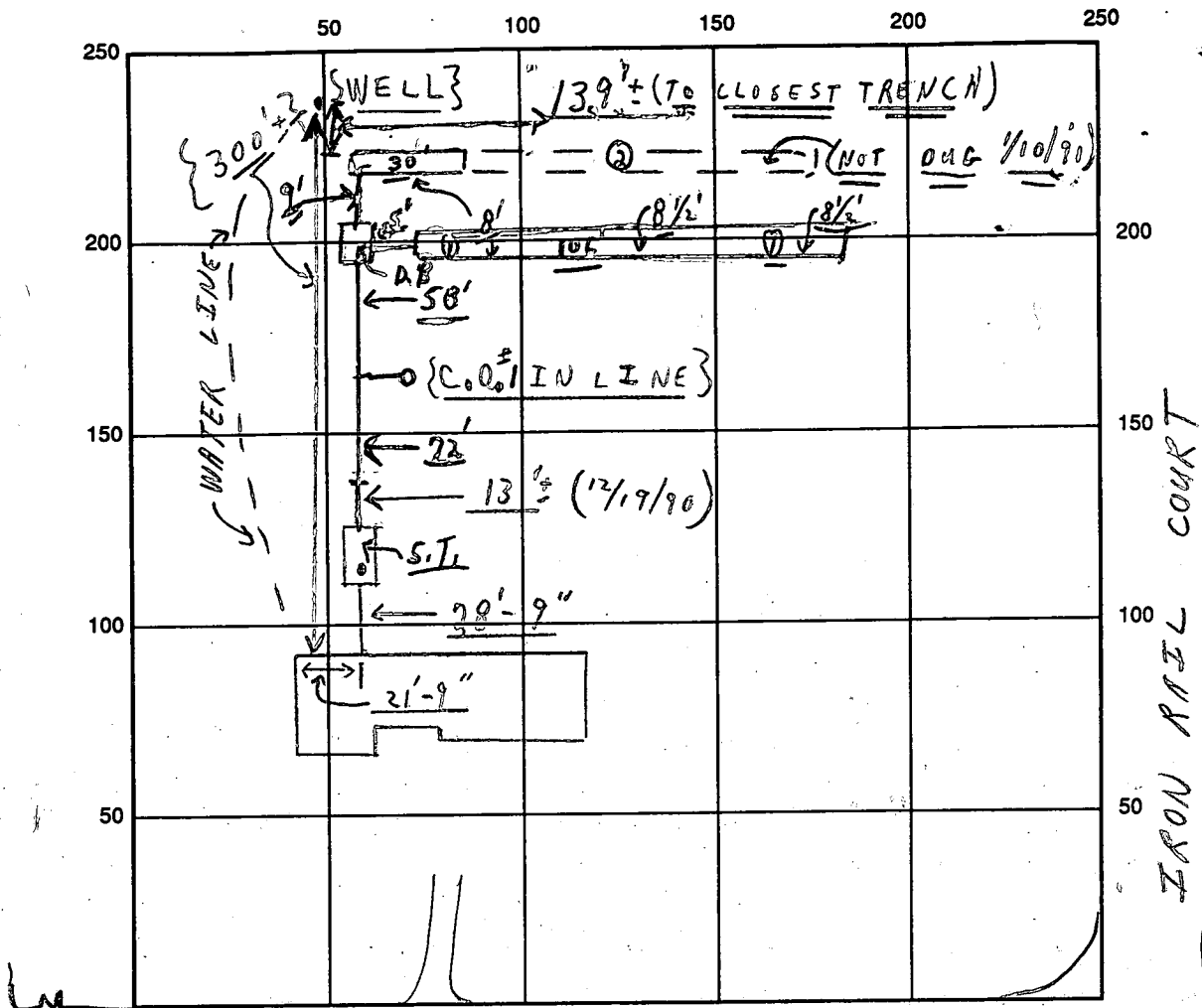
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

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

1/18/91



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

IRON RAIL COURT

SEPTIC TANK LEVEL OK CLEANOUTS S.T. OK | C.O.#1 OK

DISTRIBUTION BOX LEVEL OK (Baffle in in)

DRAIN FIELD/TITLE DEPTH 8'± average FT. TRENCH WIDTH 2 FT. INLET DEPTH 5 FT.

EFFECTIVE GRAVEL DEPTH 3+ FT. TOTAL LENGTH 106 FT. } (Need 210)
 (2) 30'± only

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

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 12/19/90 Partial; sticks left on septic tank
Clean out. ok to cover house line and septic
tank + 12' c.B.D. from septic tank; c.B.D.
1/10/91 Partial (NOON) - OK TO COVER FROM HOUSE TO #1 TRENCH; OK
FOR STONE IN #1 TRENCH 10:15 P.M. - COVER #1 trench; OK for 30'±
OF #2 trench to be stoned yet; Partial; Need more trench; hold
for a call

DATE SYSTEM APPROVED 1/15/91 INSPECTOR C. W. [Signature]

{ NO W.P.I. @ M4D + SNOW OVER (Pillies Adapter) }
 1/10/91 inspection (?) No inspection
 C.B.D.

FINAL INSPECTION
 CALLED IN FIRM 1/15/91
 HOARDING - OK TO COVER
 WITHOUT INSP. (C.W.)

5/4/90 pm

APPLICATION

PERCOLATION TESTING

A 45841
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 4/27/90

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 DALE AND MICHELE WALL

ADDRESS 6726 DUCKETTS LANE ELKRIDGE, MD 21227 PHONE _____

PROSPECTIVE BUYER RONALD AND KAREN MASON

ADDRESS 15108 KALMIA DR LAUREL, MD 20707 PHONE 490-2036

PROPERTY LOCATION:

SUBDIVISION MORGAN STATION LOT NO. 6
807

ROAD AND DESCRIPTION CORNER OF OLD STATION COURT AND IRON RAIL COURT

TAX MAP 3 PARCEL # 9411

SIZE OF LOT 4.23 acres TYPE BLDG. SINGLE FAMILY
(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. Karen M. Mason
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/7/90 PERC OK - HOLD FOR PLAT MR

BOG. PERMIT SIGNED
AND RETURNED 4/5/90
Serial # 32661
SFD -

HD-216

THIS IS NOT A PERMIT

40-88-0323 • well
N125

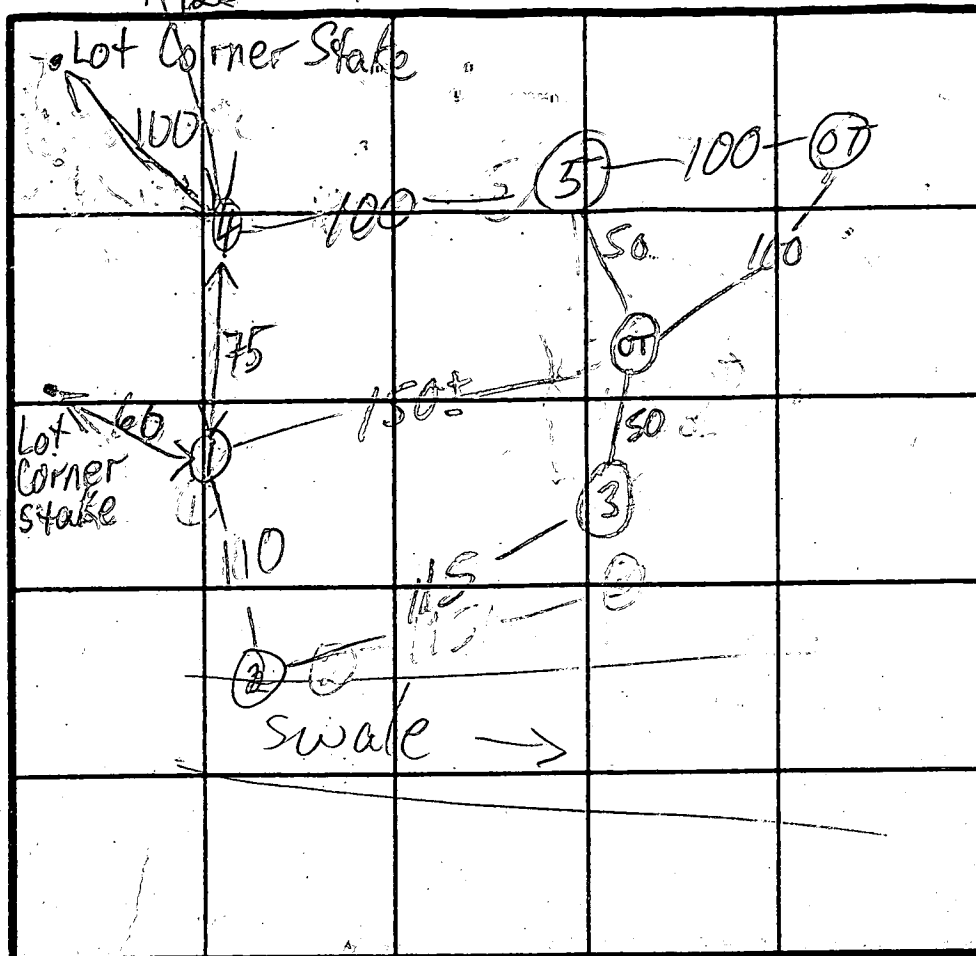
① ④ ⑤
SOIL PROFILE

org brn
clay
loam

org brn
sand
loam
20% shale
rock
frag w/
saprolite

5' x 6'

12



IRON RAIL CT

$\bar{x}=10$
210 pBR
Inlet 5'
Bottom 8'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
OLD STATION CT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/4/90	1S	7	3:32	3:39	3:39	3:54	15
	1V	12	see profile				
	2V	9	All clay & rock		FAIL		
	3V	10	All clay & rock		FAIL		
	4S	7	4:02	4:06	4:06	4:11	5
	4V	12	sim to ① see profile				
	5V	12	sim to ① clay to s'				

REMARKS USE ① ④ ⑤ & 2 ⑧ From previous perc

TYPE OF SOIL _____
TESTED BY M. Riffin

ALSO PRESENT OK, Dad & owners

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation _____ Receipt # 46703
Replacement _____ Date 12/17/90
Name of Installer George Baker Telephone 788-3080
License Number 2214
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Ron Mason Telephone _____
Subdivision Morgan Station Lot # 6 Well Tag # _____
Site Address 807 Field Station Ct

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible _____
2. Make _____
3. Model # _____
4. Capacity _____ GPM
5. Pump exceeds well capacity Yes _____ No _____
6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other _____

Motor
1. Horsepower _____
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 _____

Pitless Adapter
1. Make _____
2. Model # _____
3. Depth _____

Tank
1. Capacity _____
2. Pressure relief valve? _____

Piping
1. Type _____
2. Size _____
3. NSF and/or BOCA Code approved _____
4. Depth of supply line _____

Well data
1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? _____

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: George Baker

Date: 12/15/1990
30 DEC 15 1990

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

RECEIVED
HEALTH DEPT
HOWARD COUNTY

C1 **6670** SEQUENCE NO. (DENV 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 **A# 38712**

DATE RECEIVED _____ DATE WELL COMPLETED **12/01/87** Depth of Well **165** (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **NO-88-0323**

OWNER **DONNELLY CALVIN**
 STREET OR RFD **TRAIL RAIL COURT** TOWN **WOODBINE**
 SUBDIVISION **MORLAN STATION** SECTION **1** LOT **6**

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	
Top Soil	0	2	
Yellow Shale	2	25	
Yellow Sand	25	30	✓
Blue Sand	30	90	
Yellow Sand	90	95	✓
Blue Sand	95	165	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **8** NO. OF POUNDS **800**
 GALLONS OF WATER **48**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **38** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO STEEL CONCRETE
PL OT PLASTIC OTHER
 MAIN CASING TYPE **PL** **6** **40**
 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
ST BR HO STEEL BRASS OPEN
PL OT PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 EACH SCREEN
 1 **HO** **38** **165**
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) **56** **60**

GRAVEL PACK from to
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX: **68**

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T **70** **72** **74** **75** **76**
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **15**
 METHOD USED TO MEASURE PUMPING RATE **Run It**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **29** WHEN PUMPING **20**
 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 EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: **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 (nearest foot) **2** **-** below }

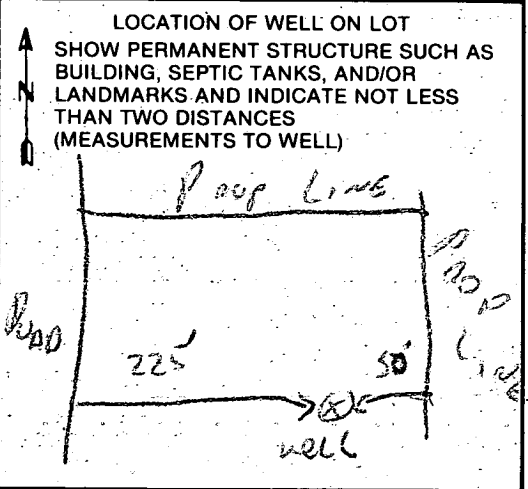
CIRCLE APPROPRIATE LETTER
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
E ELECTRIC LOG OBTAINED
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "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 IDENT. NO. **273**
Keith Wayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

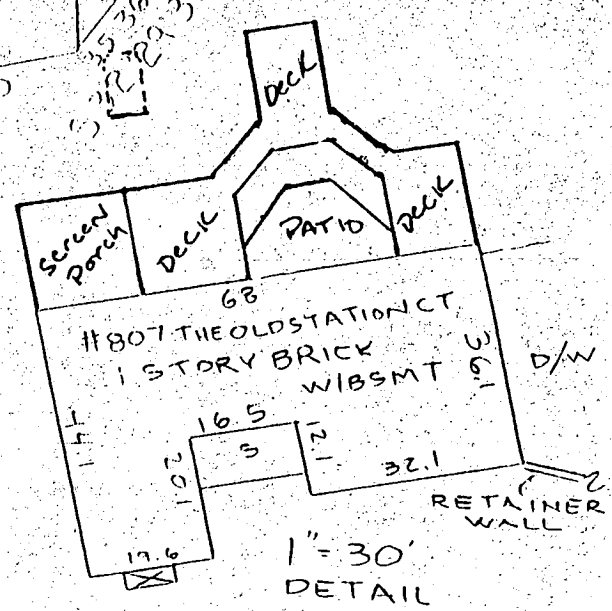
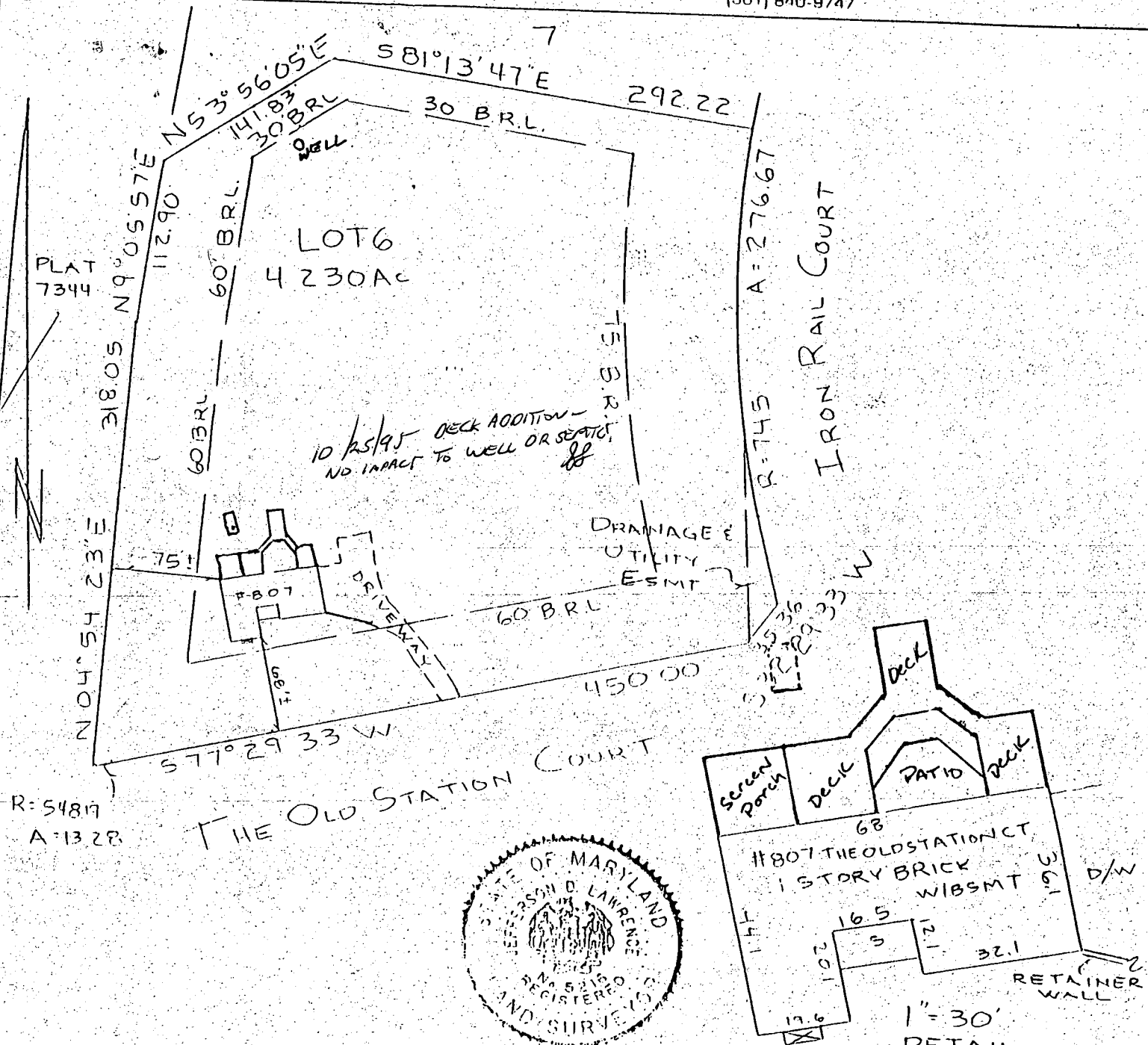
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)





TDL, LIMITED

16220 FREDERICK AVENUE
GAITHERSBURG, MARYLAND 20877
(301) 840-9747



Property shown hereon is not in a flood plain per existing records unless otherwise noted.

SCALE: 1" = 100'
RECORDED IN:
PLAT BOOK:
PLAT: 7823

HOUSE LOCATION
LOT 6
MORGAN STATION
HOWARD COUNTY, MD

NOTE: This drawing is not intended to establish property lines nor are the existence of corner markers guaranteed. All information shown hereon taken from the land records of the county in which the property is located. Do not attempt to erect fences from information contained on this drawing.

I hereby certify that to the best of my knowledge and belief, the position of all the existing improvements on the above described property has been established by accepted field practices.

Date: February 23, 1993

Jefferson D. Lawrence
JEFFERSON D. LAWRENCE
PROFESSIONAL LAND SURVEYOR #5216

THIS DRAWING TO BE USED FOR TITLE PURPOSES ONLY

MORGAN STATION 6 ELEV. PLAN

EXIST GRADE AT D.B. 553

D.B. INVERT 549

(ASSUME 300' TO TANK)

TANK OUTLET 555

TANK INLET 555.3

HOUSE INVERT 555.5

FF ELEV. 557

EX GRADE AT FF < 550

CONCLUSION:

PROPOSED HOUSE LOCATION DOESN'T WORK

MODIFIED AREA

BLUE

EXIST GRADE AT DB 552

DB INVERT 548

(ASSUME 150' TO TANK)

TANK OUTLET 551

TANK INLET 551.3

HOUSE INVERT 551.5

FF 553

GREEN

550

546

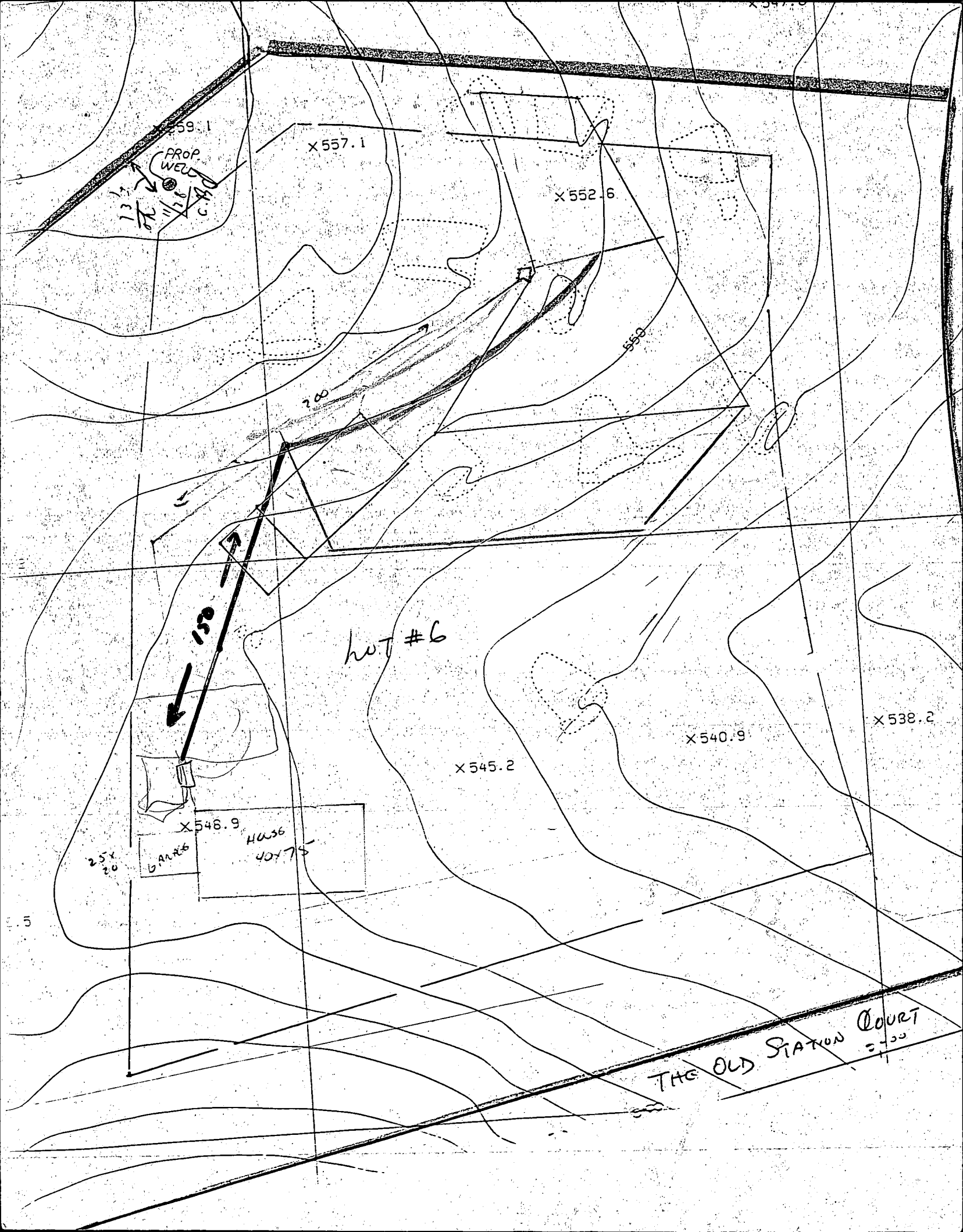
(ASSUME 200' TO TANK)

550

550.3

550.5

552



PROP WELL
130
6 APR 66

X 557.1

X 552.6

hot #6

HOUSE
40775
6 APR 66

X 546.9

X 545.2

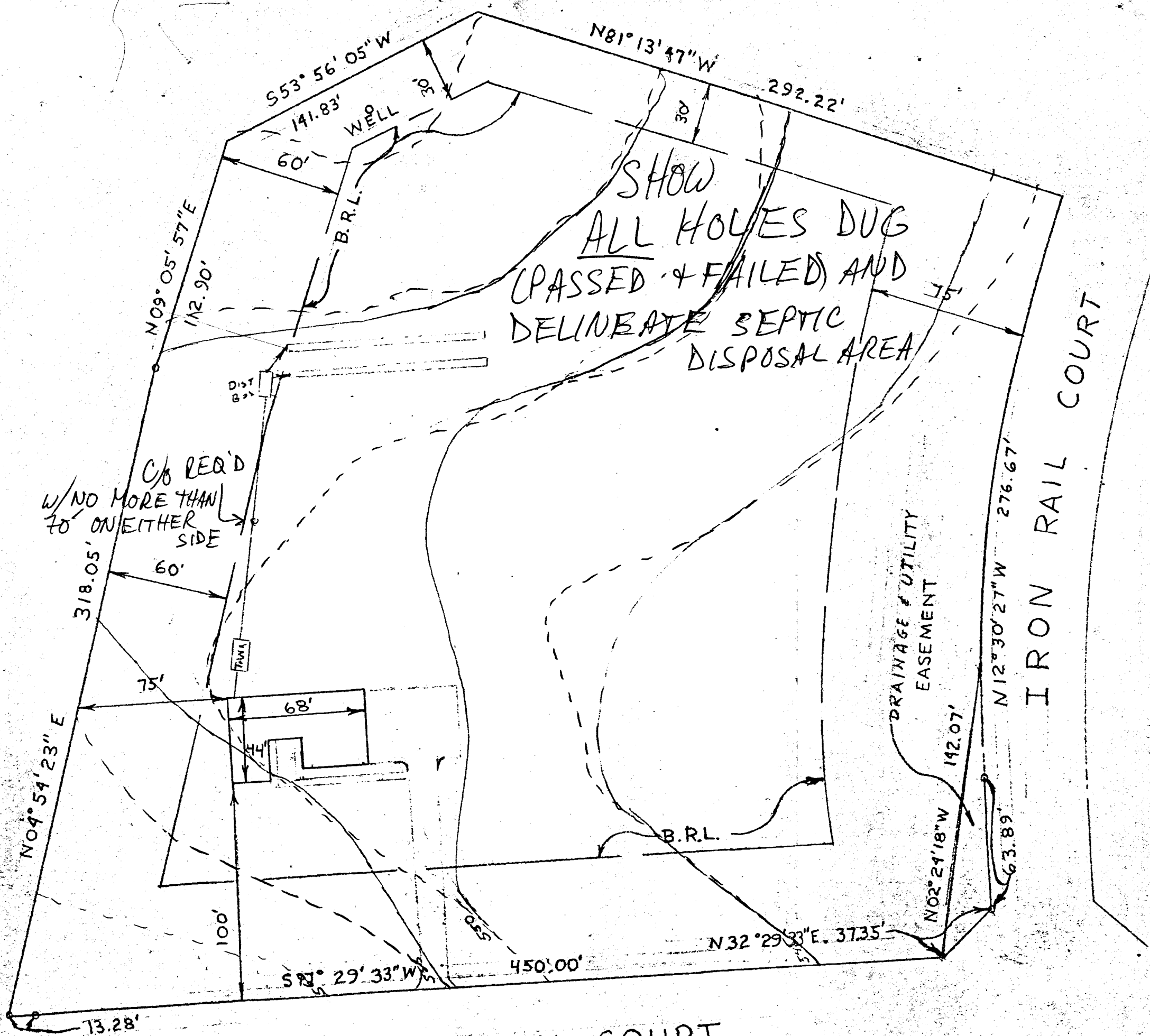
X 540.9

X 538.2

THE OLD STATION COURT
= 100

25
20

5



PLOT PLAN
 LOT 6
 MORGAN STATION
 TAX MAP 3
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=50' DATE 5/11/90

HOUSE:

✓ FIRST FLOOR ELEVATION	562.0
✓ BASEMENT ELEVATION	553.0
✓ INVERT	549.8

SEPTIC TANK:

✓ EXISTING GRADE	549.0
✓ PROPOSED GRADE	552.0
✓ INVERT IN	549.3
✓ INVERT OUT	549.0

DISTRIBUTION BOX:

✓ EXISTING GRADE	551.0
✓ INVERT IN	547.6
✓ INVERT OUT	547.5

TRENCHES:

	1	2
EXISTING	552.0	552.0
INVERT	547.0	547.0
BOTTOM	544.0 543.0	543.0 544.0
STONE	3.0 4.0	4.0 3.0
WIDTH	2.0	2.0
LENGTH	80.0	80.0

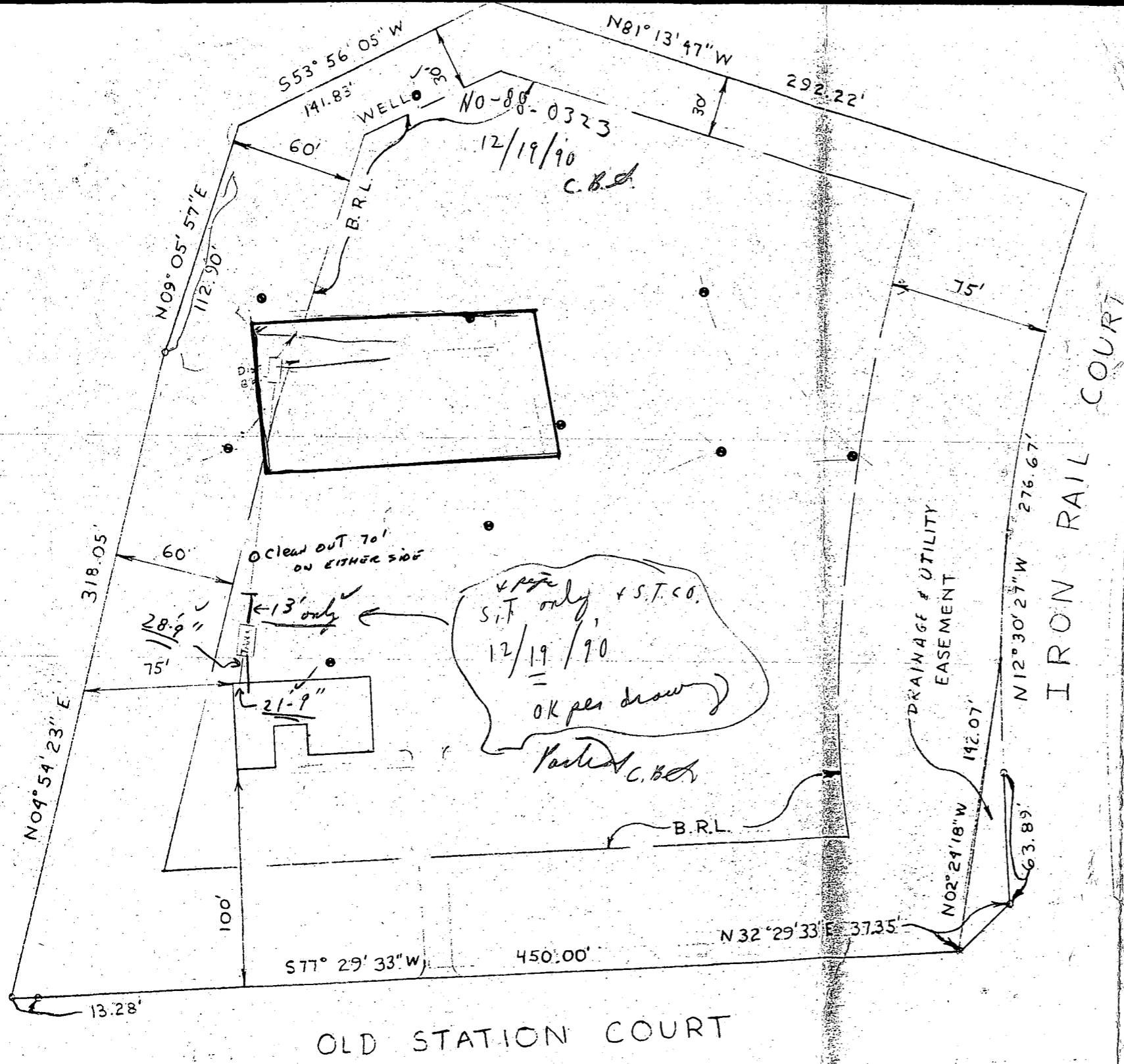
TRENCH LENGTH TO BE DETERMINED BY Ho Co. Env. Health

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS TO BE ACTUAL AND TRUE FOR THIS PROPERTY.

Ronald A. Mason
 RONALD A. MASON

OLD STATION COURT

IRON RAIL COURT



PLOT PLAN
 LOT 6
 MORGAN STATION
 TAX MAP 3
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE 1"=50' DATE 5/11/90

elevations
 OK
 5/5/90
 MR
 1-62.5'

HOUSE:	
FIRST FLOOR ELEVATION	562.0
BASEMENT ELEVATION	558.0
INVERT	549.8
SEPTIC TANK:	
EXISTING GRADE	549.0
PROPOSED GRADE	552.0
INVERT IN	549.3
INVERT OUT	549.0
DISTRIBUTION BOX:	
EXISTING GRADE	551.0
INVERT IN	547.6
INVERT OUT	547.5

TRENCHES:	1	2
EXISTING	552.0	552.0
INVERT	547.0	547.0
BOTTOM	544.0	543.0 544.0
STONE	3.0 4.0	4.0 3.0
WIDTH	2.0	2.0
LENGTH	80.0	80.0

DETERMINED AT TIME OF PERM.

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS TO BE ACTUAL AND TRUE FOR THIS PROPERTY.

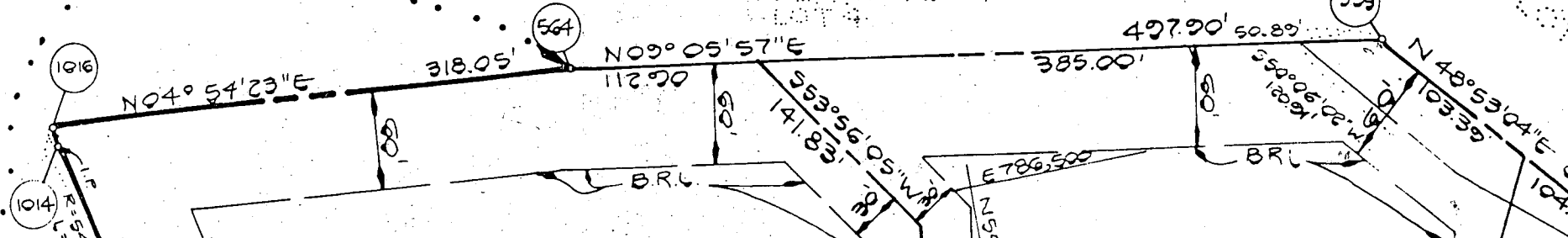
Ronald A. Mason
 RONALD A. MASON

OLD STATION COURT

THE SOUTHERN STATION

PLAT # 7344

LOT 4



LOT 6
4.2306 AC±

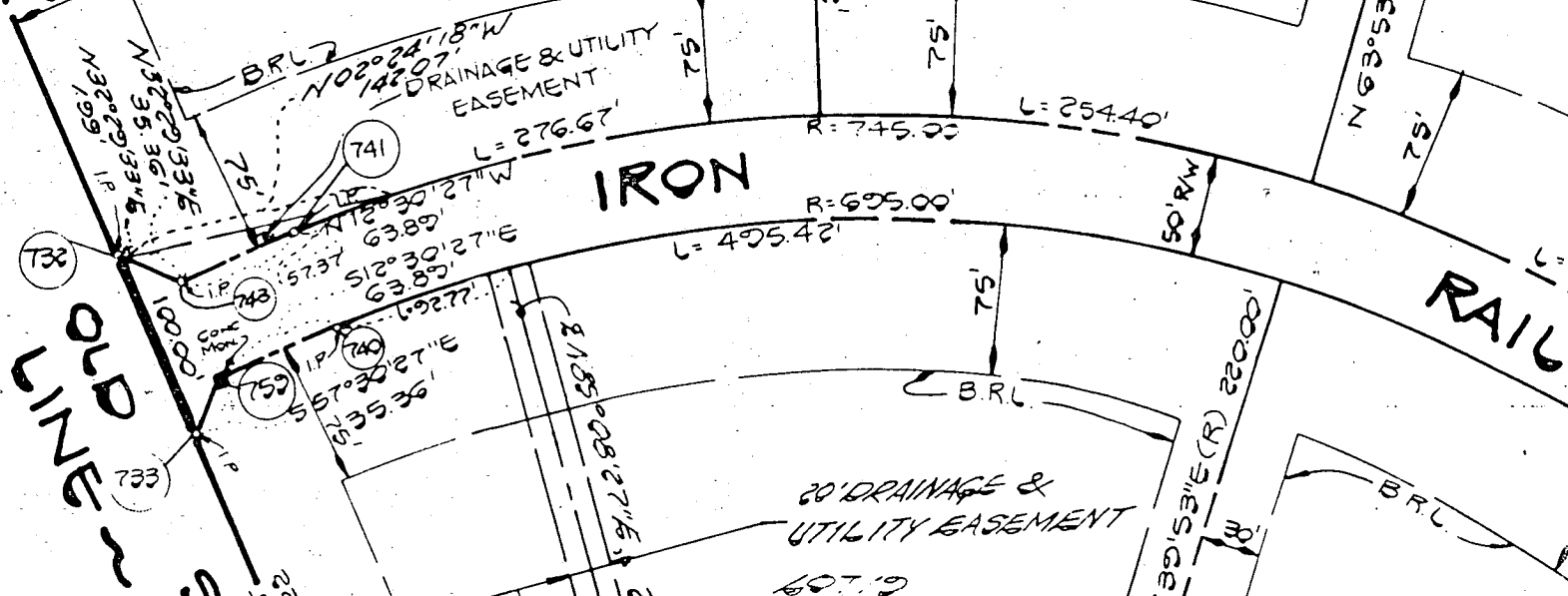
LOT 7
3.036 AC±

THE MATCH
5776
S77°31'22\"/>

OLD LINE
5776
S77°31'22\"/>

IRON

RAIL



20' DRAINAGE &
UTILITY EASEMENT

607.19

74.16 AC±

Vertical text on the left margin: 2025 RELEASE UNDER E.O. 14176



X545.1

E 786750

59.1

PROP. WELD
13 1/2
12 1/2
11 1/2
10 1/2
9 1/2
8 1/2
7 1/2
6 1/2
5 1/2
4 1/2
3 1/2
2 1/2
1 1/2
1/2

X547.0

X554.8

X557.1

X554.2

X552.6

X554.3

200

X542.8

X544.4

X538.3

X535.3

X556.7

X552.2

X536.7

X558.5

LOT #6

E Easement

X560.8

25x20

X548.9
GARAGE
HOUSE
40x75

X545.2

X540.9

X535.2

X550.5

X538.2

X537.9

X532.7

X554.8

THE OLD STATION COURT

10+00

11+00