

11/20/95
3:30
11/21/95
ASAP

Permit ID-04-349563
PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P. 50769

A 41062

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE 7-10-95

DATE SYSTEM APPROVED 11/21/95

INSPECTOR DKS

INDEXED

C.C. Cissel _____ IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 875-2964

SUBDIVISION Wellington LOT 32 ROAD 2816 Sagewood Drive

PROPERTY OWNER Dr. and Mrs. Lewis Otteritter

ADDRESS 2816 Sagewood Drive
Glenwood, Maryland 21738

SEPTIC TANK CAPACITY 1000 GALLON PUMP CHAMBER
1500 GALLONS

NUMBER OF BEDROOMS 4 3

180 SQUARE FEET PER BEDROOM 135

LINEAR FEET OF TRENCH REQUIRED 180 140

2803
340
135
1545

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 the distribution box 270 down the left lot line and 135' off this same lot line as seen when facing the lot from Sagewood Drive. Run trenches on 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. The septic tank and trenches must be at least 100 feet from the well. OK 7/31/95 DKS

PLANS APPROVED BY Raymond Hodges/Donna K. Soe 11/20/95 REVISED _____ DATE 7/21/95

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

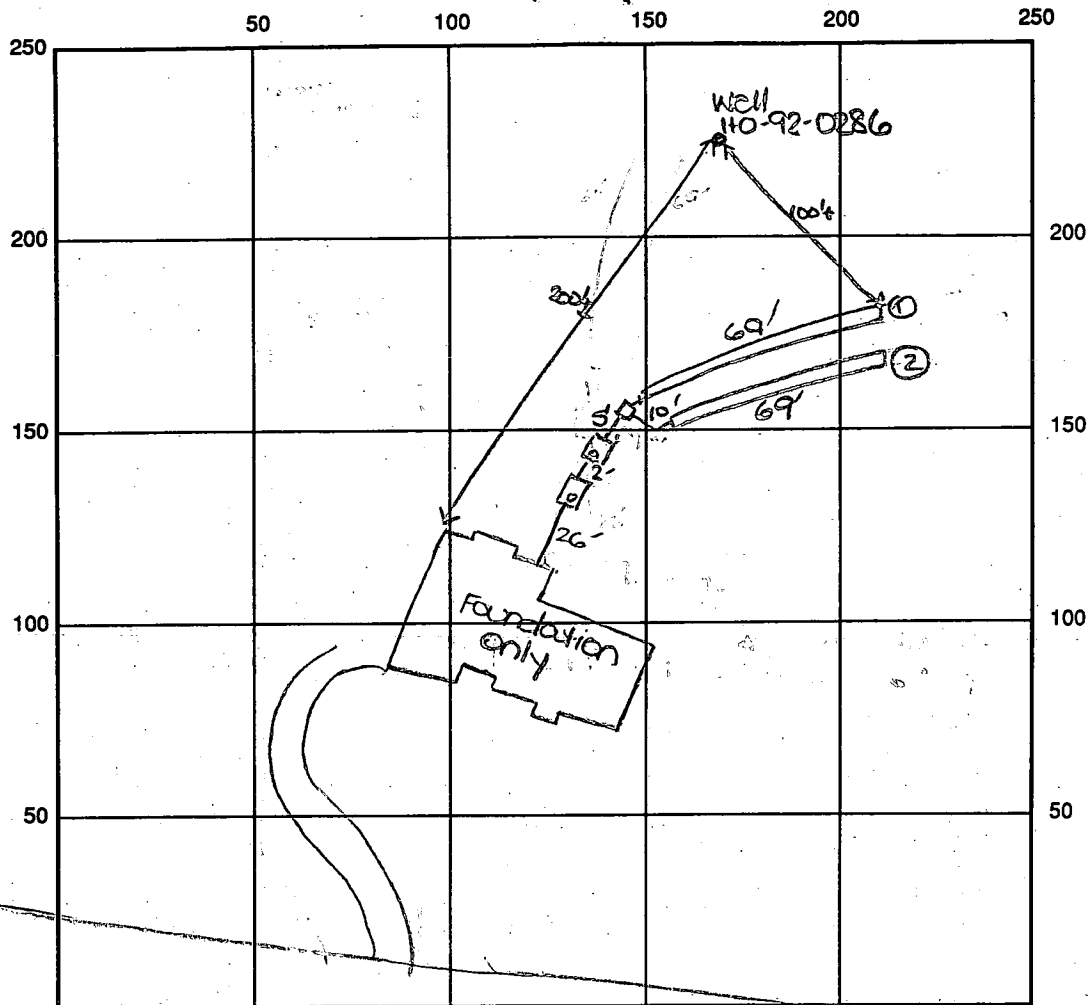
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

Add-on Propane Tank
BDDG. PERMIT SIGNED
AND RETURNED 7-5-96
BDD0100 824

A 41062



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Sagewood Drive

SEPTIC TANK LEVEL OK-1000 gal 1500 gal CLEANOUTS one on st., one on pump pit
 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 ① 69' ② 69' → 138' total

NUMBER OF TRENCHES 2 ONE SIDEWALL/ ~~BOTTOM~~ AREA 552 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 552 SQ. FT.

REMARKS: 11/30/95 OK to cover from house foundation to d.b.

OK to stone trenches and continue. DKS

11/21/95 Final - OK to cover all work. Pump pit installed
for future repair system. DKS

DATE SYSTEM APPROVED 11/21/95

INSPECTOR

Soula K. Sol

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 41062
P _____

DISTRICT 4TH

DATE December 18, 1987

*4/14/88
see rec'd
and is approved
[Signature]*

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: G. Oliver Goldsmith, et ux Dr. & Mrs. Lewis Otterkitten

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

PROPERTY LOCATION: Wellington Area, Sect 1 Lot 32 Included in new 31

SUBDIVISION Longwood Farm LOT NO. 28

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

Union Chapel Road (2816 SAGEWOOD 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 MOSHA REQUIREMENTS IN TESTING THIS LOT. By: [Signature]

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field location holes, well site lot line

adjustments

BLDG. PERMIT SIGNED

AND REVENUED 7/17/88

Serial # 60688

1 1/2 story - 3 Brms

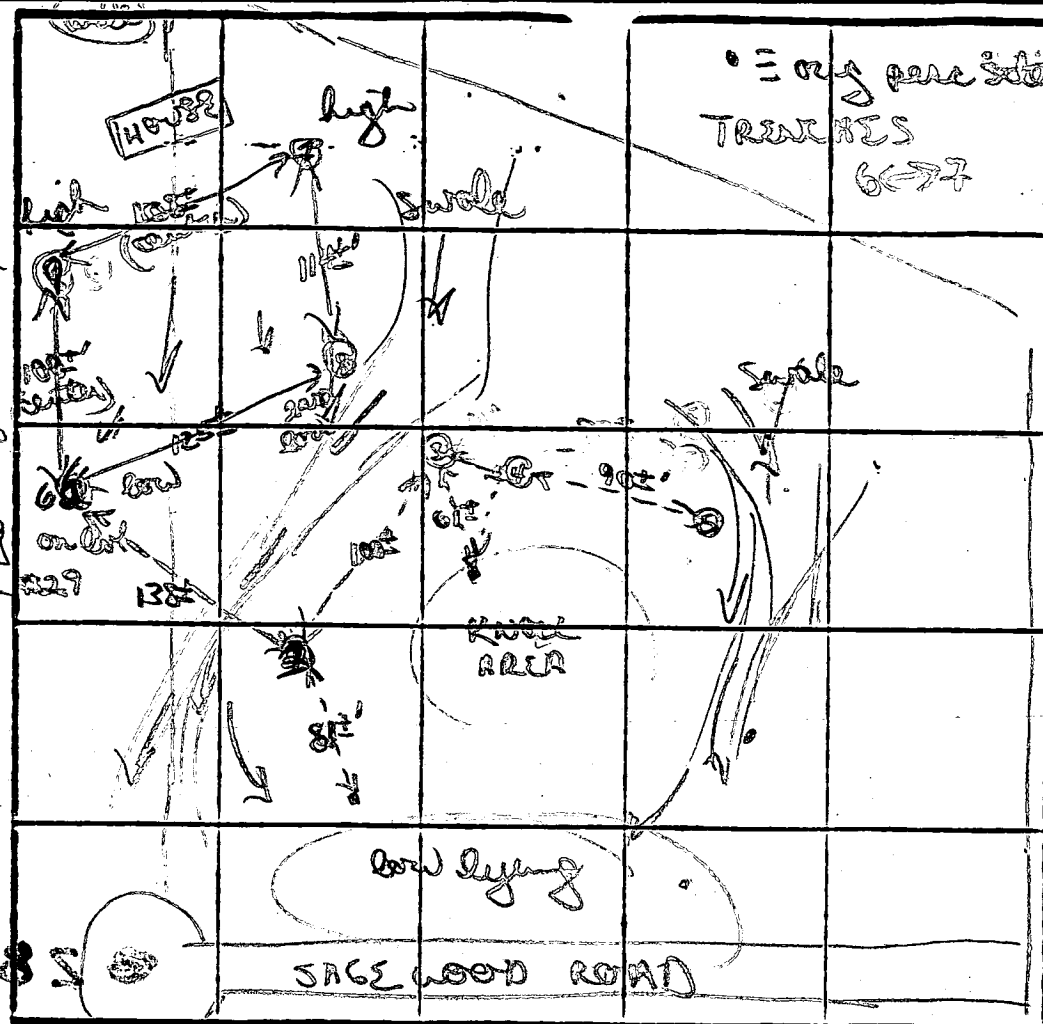
THIS IS NOT A PERMIT

INLET 4'
 MAY D 8'
 X 6' 187

SOIL PROFILE
 brown purple
 gritty clay /
 clay loam
 3 1/2'
 gradually to
 gritty light
 tan/orange silty
 med loam
 w/ 5-10%
 small hard
 frags
 6'
 hard 10'

chunky orange
 clay 4 1/2'
 chunky gritty
 sandy silty
 loam

12 1/2' (dry)
 orange/brown
 gritty clay
 silty loam
 3'
 orange/tan
 silty/gravelly
 layer (102)
 3-6 1/2'
 to mostly
 tan silty
 med loam
 12 1/2'



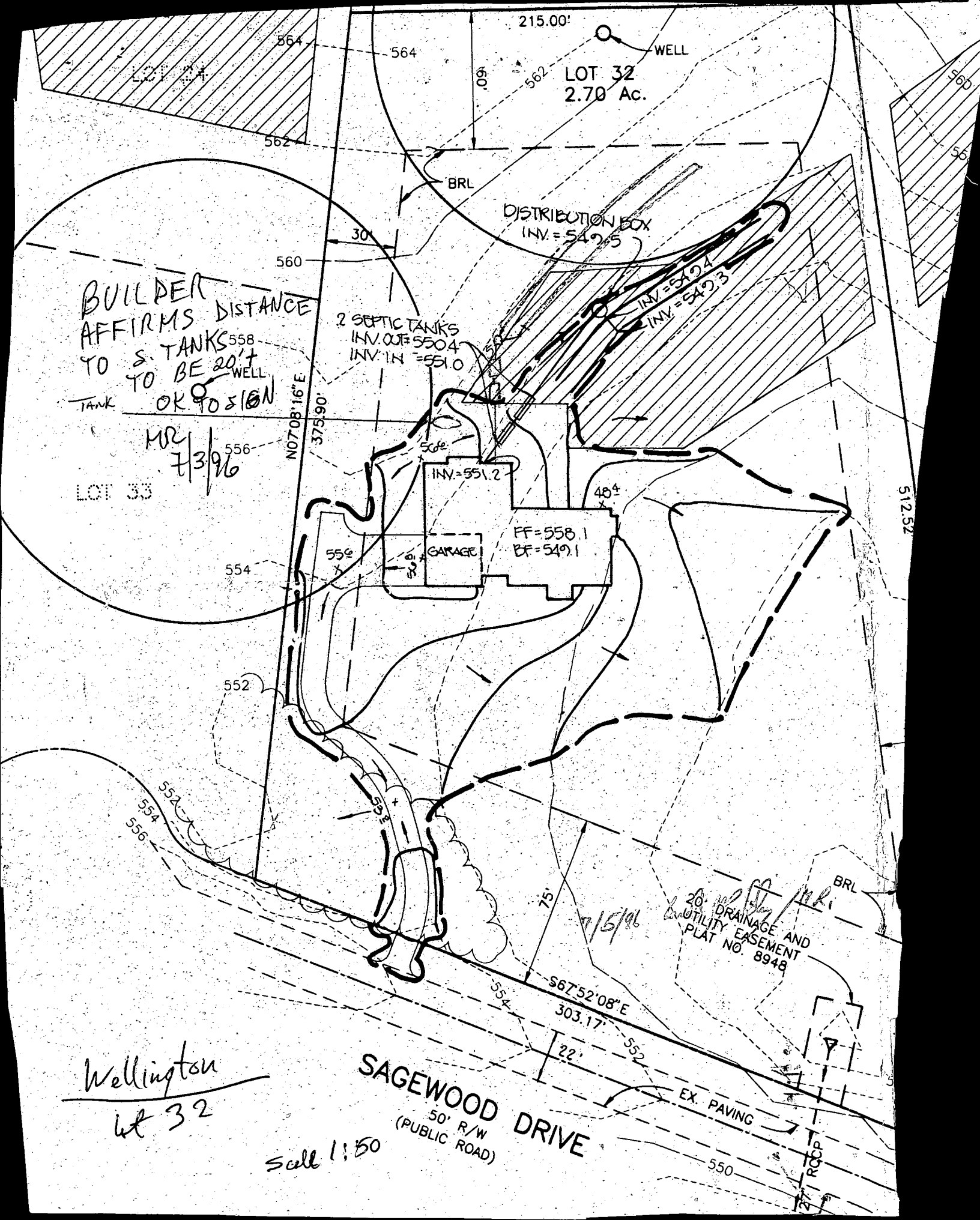
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3
 brown/orange
 gritty clay
 sand loam
 3'
 silty sandy
 w/ layered
 med frags
 refusal 6'
 4+3
 similar soils
 to 3 w/
 refusal at
 4' + 3 1/2'
 7+8
 brown/orange
 gritty chunky
 clay 3 1/2'
 to mostly
 orange
 gritty
 clay
 12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/13/88	3, 4, 5	Rock / refusal at			6', 4' + 3 1/2'		
	6 10 11 12	4' S	313	317	317	322	5min
		10 1/2' D	bottom (see profile)				
	1	OK soil 4' 1/2'	EXCLUDE DUE TO LOCATION				
	2	3 1/2' S	313	316	316	321	5min
		12' D	bottom (see profile)				
	3	3' S	315	321	321	330	9min
		7' M	314	318	318	323	5min
		12' D	bottom (see profile)				
	4	4' S	314	318	318	325	7min
		12' D	bottom (see profile)				

REMARKS: perc field adjusted out of low area, then one hill area to another due to rock. May require substantial lot line adjustments w/ 29, 23, 26

TESTED BY: B. N. J. ALSO PRESENT: Korman, Chap, Ken



215.00'

WELL

LOT 32
2.70 Ac.

DISTRIBUTION BOX
INV. = 542.5

2 SEPTIC TANKS
INV. OUT = 550.4
INV. IN = 551.0

INV. = 542.4
INV. = 542.3

BUILDER
AFFIRMS DISTANCE
TO S. TANKS
TO BE 20' ±
WELL
TANK OK TO 5' 6"

MR
7/3/96

LOT 33

N 07° 08' 16" E
375.90'

INV. = 551.2

GARAGE

FF = 558.1
BF = 549.1

20' ±
DRAINAGE AND
UTILITY EASEMENT
PLAT NO. 8948

S 67° 52' 08" E
303.17'

303.17'

22'

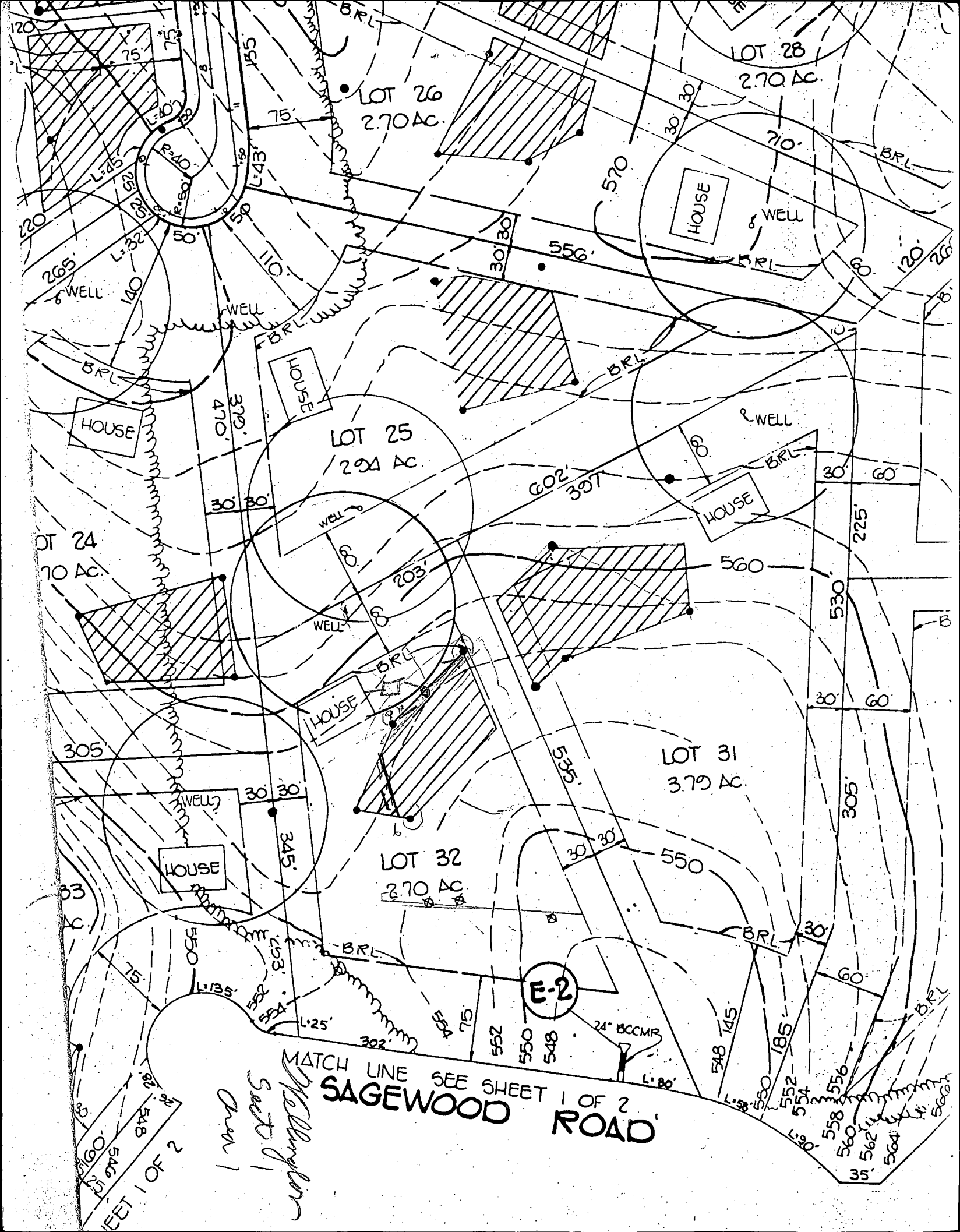
EX. PAVING

550

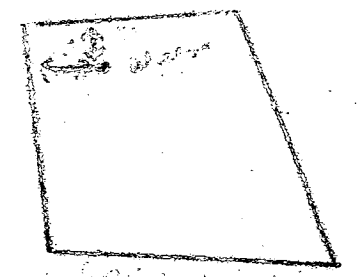
Wellington
Lot 32

SAGEWOOD DRIVE
50' R/W
(PUBLIC ROAD)

Scale 1:50



Larry Williams/88 8/22/95
Signature Date
REVISED 8/22/95
60696

C1 7623		SEQUENCE NO. (DENV 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.			
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)								COUNTY NUMBER A 41062			
ST/CO USE ONLY DATE Received 8 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> 13		DATE WELL COMPLETED 15 012073 20		Depth of Well 22 100 26 (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" 46-92-0086 28 29 30 31 32 33 34 35 36 37			
OWNER Clark & Associates last name first name		STREET OR RFD Sugawood Dr		TOWN Glenwood		SUBDIVISION WELLINGTON		SECTION		LOT 32	
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 FROM TO		Check if water bearing		GROUTING RECORD WELL HAS BEEN GROUTED <input checked="" type="radio"/> YES <input type="radio"/> NO (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT <input checked="" type="radio"/> CM BENTONITE CLAY <input checked="" type="radio"/> BC NO. OF BAGS 12 NO. OF POUNDS 1224 GALLONS OF WATER 42 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 4.5 ft. (enter 0 if from surface)			
SANDSTONE GRAY MICHA Rock		0 66 66 200						CASING RECORD casing types insert appropriate code below <input checked="" type="radio"/> ST <input checked="" type="radio"/> CO STEEL CONCRETE <input checked="" type="radio"/> PL <input checked="" type="radio"/> OT PLASTIC OTHER MAIN CASING TYPE <input checked="" type="radio"/> SF Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 70			
								OTHER CASING (if used) diameter inch depth (feet) from to			
								SCREEN RECORD screen type or open hole insert appropriate code below <input checked="" type="radio"/> ST <input checked="" type="radio"/> BR <input checked="" type="radio"/> HO STEEL BRASS OPEN HOLE <input checked="" type="radio"/> PL <input checked="" type="radio"/> OT PLASTIC OTHER C2 DEPTH (nearest ft.) 40 65 200			
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.		DRILLERS IDENT. NO. 238		DRILLERS SIGNATURE [Signature] (MUST MATCH SIGNATURE ON APPLICATION)		SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to GRAVEL PACK <input type="checkbox"/> IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68			
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		TELESCOPE CASING		LOG INDICATOR		OTHER DATA		PUMPING TEST PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE BUCKET WATER LEVEL (distance from land surface) BEFORE PUMPING 42 WHEN PUMPING 59 TYPE OF PUMP USED (for test) <input checked="" type="radio"/> A air <input checked="" type="radio"/> P piston <input type="radio"/> T turbine <input checked="" type="radio"/> C centrifugal <input checked="" type="radio"/> R rotary <input type="radio"/> O other (describe below) <input checked="" type="radio"/> J jet <input checked="" type="radio"/> S submersible			
								PUMP INSTALLED DRILLER WILL INSTALL PUMP YES <input checked="" type="radio"/> 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: CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) <input checked="" type="radio"/> + above <input type="radio"/> - below LAND SURFACE 0 (nearest foot) 50 51			
								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) 			
COUNTY											