

9-3-99
C.O. 2:00
9-8-99
C.O. 2:00
10/15/99
10/14/99
3:30 House
conn

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512042

A 50387-E

DISTRICT _____

DATE 7/30/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

RPSH?
INDEXED

DATE SYSTEM APPROVED 10/15/99

INSPECTOR [Signature]

Richard D. Weaver IS PERMITTED TO INSTALL ALTER

ADDRESS 4703 Kieman Road, College Park, Maryland 20740 PHONE 301-345-0821

SUBDIVISION Brandt Property LOT 8 ROAD 3718 Park Overlook Court

PROPERTY OWNER Richard D. Weaver

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the left back lot corner, place distribution box 160 feet down the back lot line and 155 feet off that same lot line when facing the lot from the right-of-way. Run trenches on contour toward the left 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. 8/7/99 DS

PLANS APPROVED BY Amy McMillen DATE 6-22-1999

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

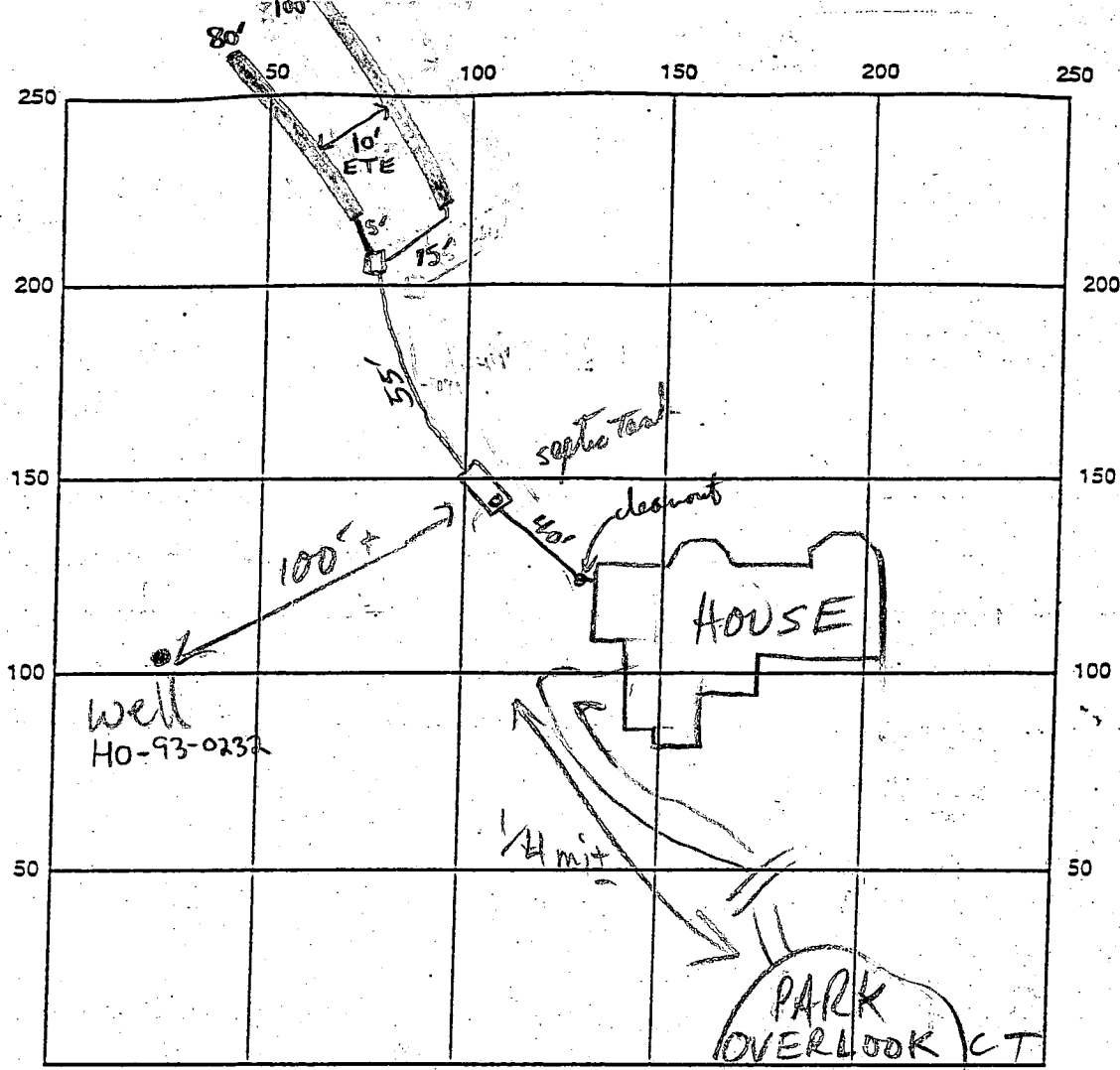
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

50387E



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 GAL - TOP SEAMED CLEANOUTS ST ✓
 DISTRIBUTION BOX LEVEL ✓ Baffle is in
 DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT. ✓
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 180 FT. ✓
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.
 DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.
 ABSORBENT AREA N/A SQ. FT.

REMARKS: 9/3/99 #1 OK - CONTINUE (MR)
9/3/99 #2 TRENCHES DUG, OK FOR STONE, OK TO LEAVE ENDS
OF SLOPED TRENCHES OPEN, BACKFILL REMAINDER FOR WKEND (MR)
9/8/99 - OK TO CONTINUE WORK (SRW) House Connected OK, Septic Tank Needs a
cleanout. R/P 10/14/99 R/W will put on 8" cleanout for P.M. Tomorrow 10/14/99 R/P
clean out pipe OK 10/15/99

DATE SYSTEM APPROVED 10/15/99 INSPECTOR Small Kelly

GENERAL NOTES

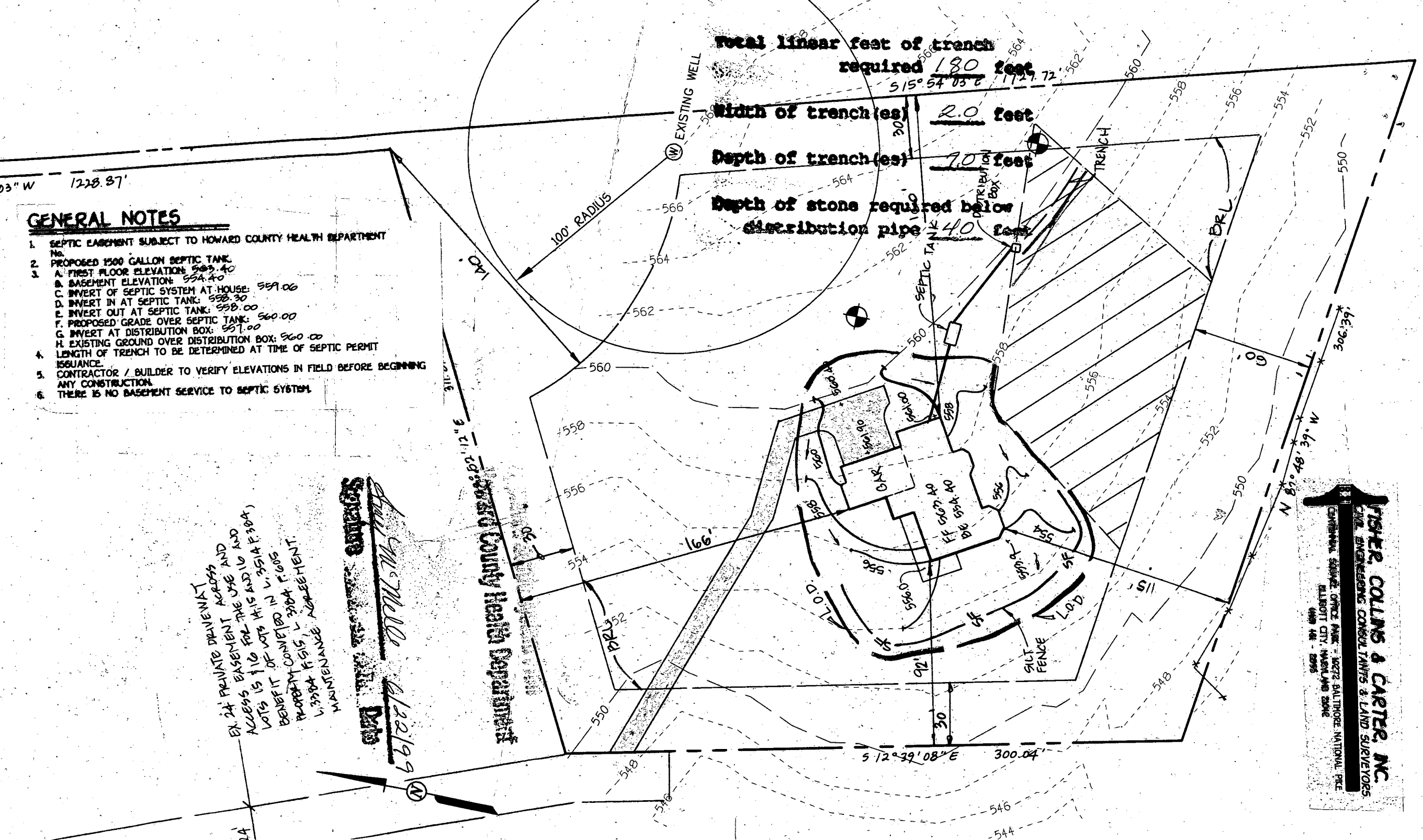
1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 553.40
 B. BASEMENT ELEVATION: 554.40
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 559.06
 D. INVERT IN AT SEPTIC TANK: 558.30
 E. INVERT OUT AT SEPTIC TANK: 558.00
 F. PROPOSED GRADE OVER SEPTIC TANK: 560.00
 G. INVERT AT DISTRIBUTION BOX: 557.00
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 560.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
6. THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

EX 24' PRIVATE DRIVEWAY
 ACCESS EASEMENT ACROSS AND
 ACCESS EASEMENT FOR THE USE AND
 ACCESS IS 16' FOR LOTS 14-15 AND 16 AND
 BENEFIT OF LOTS 14-15 AND 16 IN V. 25514 F. 304
 PROPERTY CONVERTED
 PROGRAM FIGS. L 3204 F. 1005
 MAINTENANCE AGREEMENT.

Signature
 6/22/99

Howard County Health Department

total linear feet of trench required 180 feet
Width of trench(es) 2.0 feet
Depth of trench(es) 7.0 feet
Depth of stone required below distribution pipe 4.0 feet



FISHER COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE, OFFICE PARK - 16272 BALTIMORE NATIONAL PIKE
 BALBOIT CITY, MARYLAND 20842
 410-441-2255

APPLICATION

PERCOLATION TESTING

A 50387E

P _____

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

DISTRICT _____

DATE 10/10/94

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 Richard D. Weaver

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. Lot 8

ROAD AND DESCRIPTION 3718 Park Overlook Court

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. SFD - 4Bum
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SKIPPED

AND RETURNED 6-22-99

Serial # B7118349

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 OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

COUNTY #

SOIL PROFILE

0' 430 431
orange
SiCL

2.5' reddish
orange
SiL
to
SSiL
mica
15%
shale
flags
OK

12' 429, 428

bright
orange
SiCL

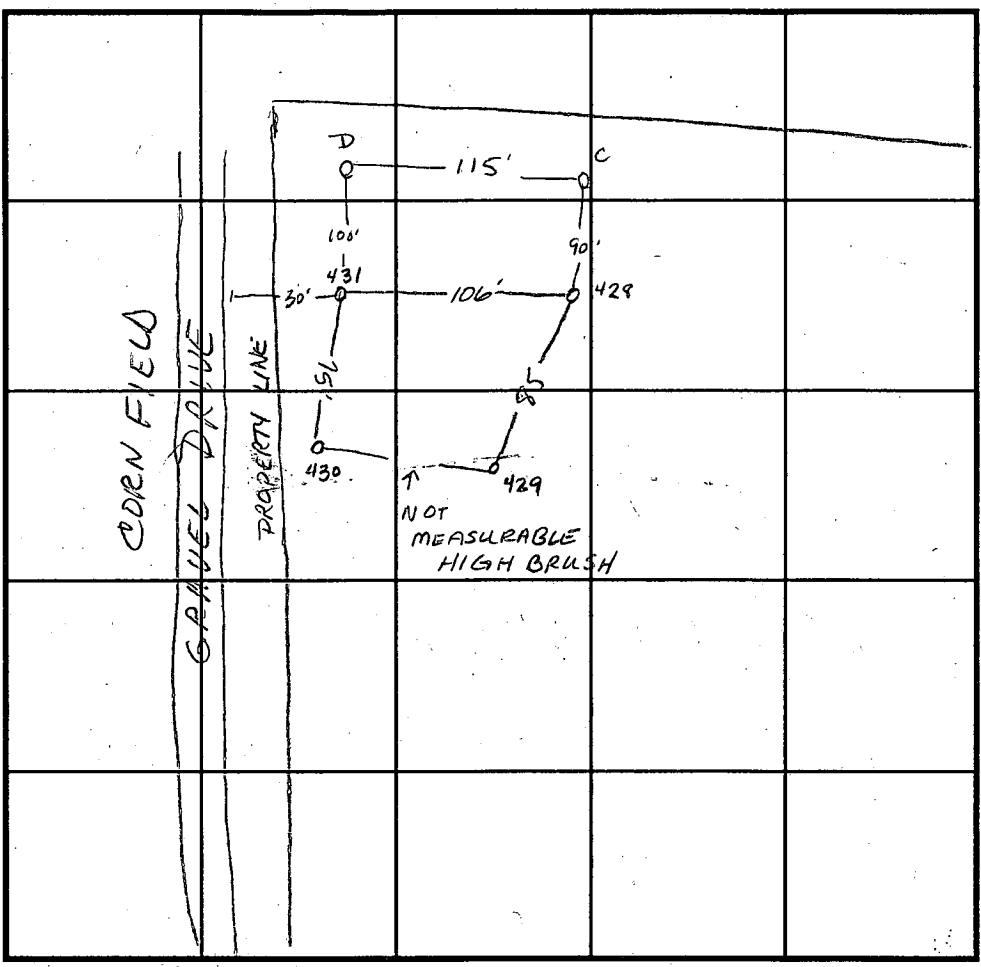
3' brn/
orange
SiL
5%
shale
OK

tan cl

4' pink
SSiL
very
powdery

10' pink SL
w/ 5-10%
saprolite

13'



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-19-94	431	Visual to 12'					OK
	428	3.5' v12'	4:58	4:59	4:59	5:00 ³⁰	1 1/2 min
	429	3' v12'	5:08	5:08 ³⁰	5:08 ³⁰	5:09	30 sec
	429	repair	5:09	5:10	5:10	5:11 ¹⁵	1 1/4 min
	430	3.5' v12.5'	5:15 ³⁰	5:16 ³⁰	5:16 ³⁰	5:18	1 1/2 min
	430	6.5' v12.5'	5:16 ³⁰	5:17 ³⁰	5:17 ³⁰	5:18 ⁴⁵	1 1/4 min
10-23-94	C	Visual to 13'					OK
	D	Visual to 13'					OK

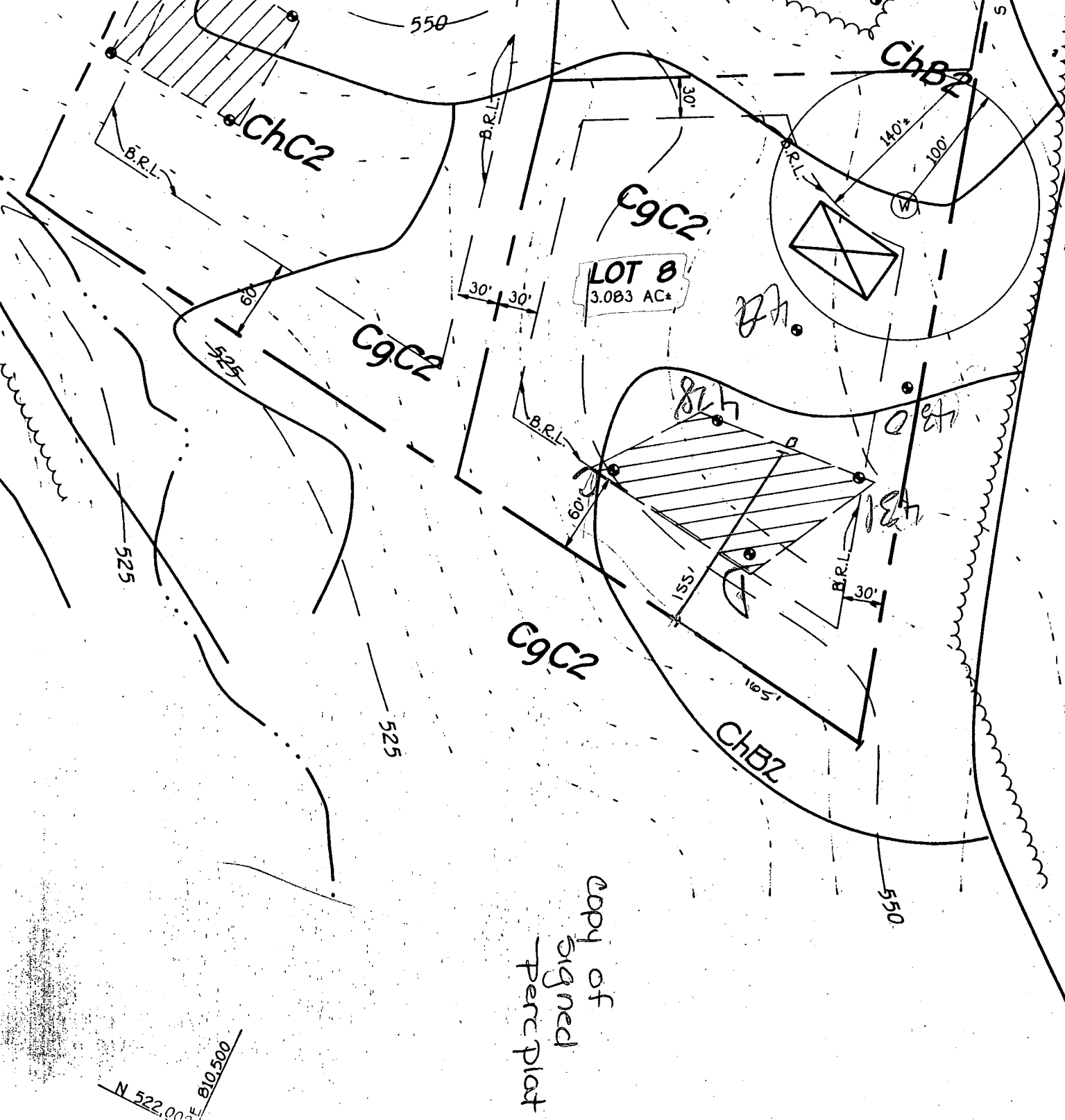
REMARKS Shallow only

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT OLAN KETTERMAN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min TRENCH WIDTH 2'


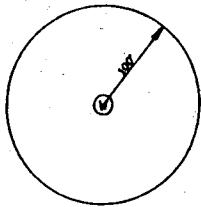

INLET DEPTH 3' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 180 ft²



copy of
signed
perc plat

N 522.00' E 810.500'

LEGEND

-  DENOTES LOCAT
-  DENOTES PROPO
-  DENOTES FIELD

C1 0177 SEQUENCE NO. (MDE USE ONLY)

WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 50387-E

ST/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
40-93-0232

OWNER Rick Weaver
STREET OR RFD Triadelphia Road
SUBDIVISION Brandt Property SECTION TOWN Glencol
LOT 8

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	
Sandy	2	30	
Sandstone	30	35	✓
Micka	35	50	
Sandstone	50	55	✓
Micka	55	405	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL (Circle one)
CEMENT BENTONITE CLAY
NO. OF BAGS 14 NO. OF POUNDS 1400
GALLONS OF WATER 84
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 42 ft.

CASING RECORD
casing types insert appropriate code below
STEEL CONCRETE
PLASTIC OTHER
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
PL 4 45

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

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL BRASS BRONZE PLASTIC
OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

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. 116
DRILLERS SIGNATURE
LIC. NO. 117

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

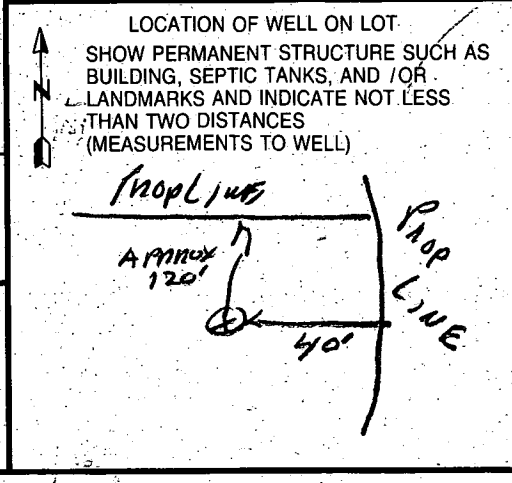
DEPTH (nearest ft.)
H 0 413 405
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)

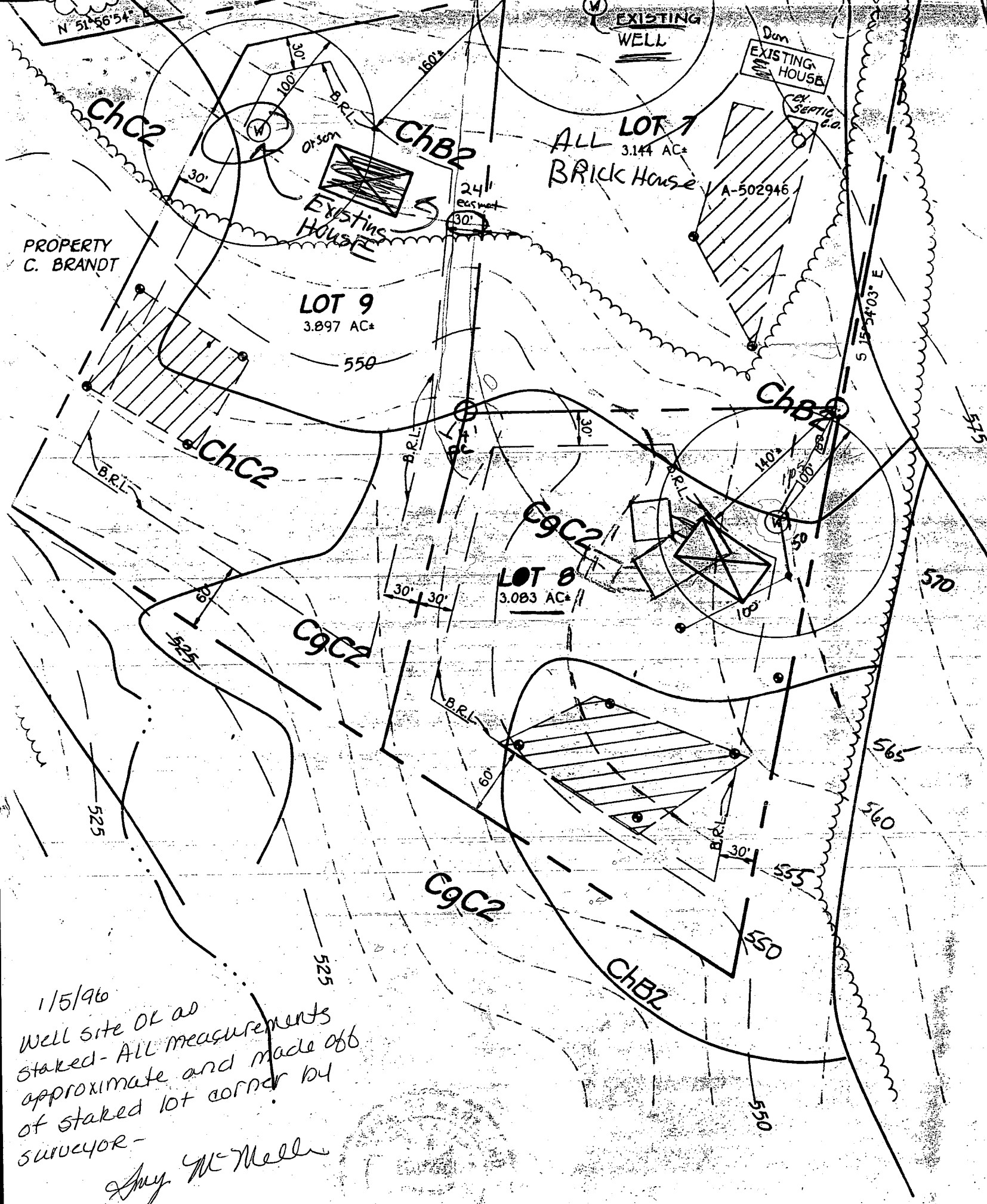
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour) 6
PUMPING RATE (gal. per min.) 1
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 45 ft.
WHEN PUMPING 265 ft.
TYPE OF PUMP USED (for test)
A air P piston T turbine
C centrifugal R rotary O other (describe below)
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)





PROPERTY
C. BRANDT

LOT 9
3.897 AC±

LOT 8
3.083 AC±

ALL LOT 7
3.144 AC±
BRICK HOUSE

EXISTING HOUSE

EXISTING HOUSE

EXISTING WELL

1/15/96
Well site OK as
staked - All measurements
approximate and made off
of staked lot corner by
surveyor -

Jay McMillan

2500

2 2 2 2