~~9/22/78~~ partial

9/26/78 p.n. please

05-379571

PERMIT

P 28038

A 24192

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 5/11/78

INDEXED

Souder Builders IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 14269 Triadelphia Mill Road, Dayton, Md. 21036 PHONE 725-5772

SUBDIVISION Chris Mar Estates ROAD 13434 Chris Mar Court LOT 2, Sec. 1

PROPERTY OWNER ~~Souder Builders~~ ~~John Case~~ ~~Barbara Quinn~~ Roy Rosnik

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD ____ DEPTH ____ FEET, BOTTOM AREA ____ SQ. FT.

DEEP TRENCH ____ DEPTH ____ FEET, BOTTOM AREA ____ SQ. FT.

SEEPAGE PITS ____ ABSORBENT SIDE-WALL AREA ____ SQ. FT.

INLET PIPE ____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH ____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT ____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA ____ FT. FROM ____ LOT LINE AND ____ FT. FROM ____ LOT LINE AS SEEN WHEN FACING LOT FROM

DRY WELL AND/OR TRENCH - System to have 135 sq. ft. effective sidewall area per bedroom to begin below the first 4 ft. of non-porous soi. Maximum depth permitted for dry well or trench is 11 ft. below original grade. Place the dry well 110 ft. from the front lot line and 10 ft. from the right side line as seen when facing the property from Chris Mar Road. Start the trench after a 5 ft. earth buffer with the dry well and prodeed to dig it on level ground (running towards the left side line) the necessary distance. If trenches only are used they must contain at least 200 sq. ft. effective sidewall absorption area per bedroom (one side only) and be no longer than 100 ft. apiece.

PLANS APPROVED BY Frank Skinner DATE 8/30/77

COVER NO WORK UNTIL INSPECTED AND APPROVED. NOTE: TRENCHES NOT BE CONNECTED IN SERIES. MUST USE DISTRIBUTION BOX OR T'S AND CONNECT TO END NEAREST SEPTIC TANK.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE 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 ACCEPTED.

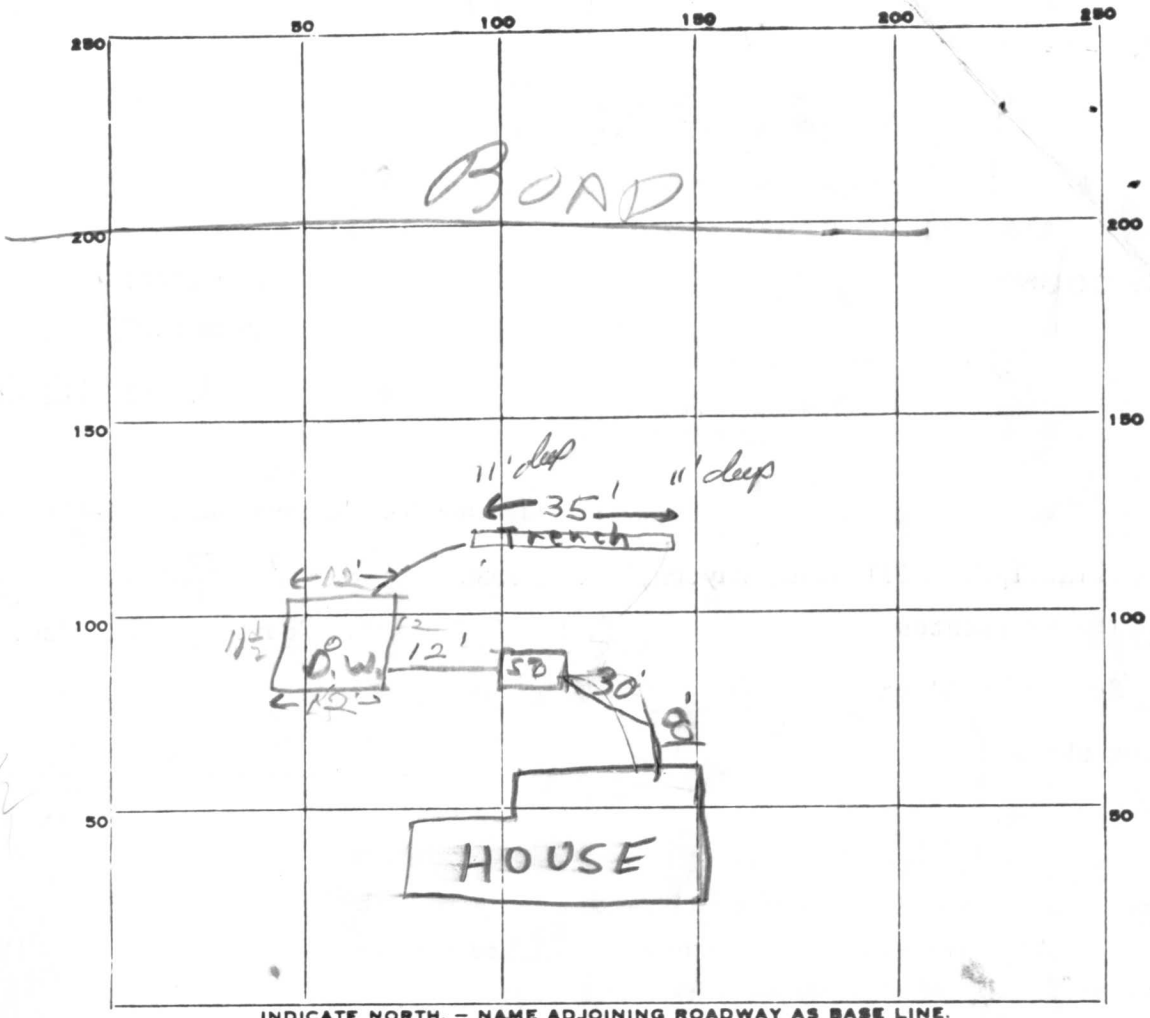
A 24192

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

HD - 23

BLDG. PERMIT SIGNED AND RETURNED 8/26/92

Serial # 45715 - Storage Shed



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Well

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ CLEANOUTS ✓

DISTRIBUTION BOX, LEVEL ST is 2 FT below grade

DITCH

~~TILE FIELD~~, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 11 IN. TOTAL LENGTH 1 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 245

SEEPAGE PITS, ~~INSIDE DIAMETER~~ Permeter 47½ FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 336 SQ. FT.

REMARKS 9/22/78 – ADD GRAVEL & PIPE TO TRENCH

MANHOLE COVER ON SEPTIC IF LIVER THAN 3 FT. – JS

9/26/78 – DIN INLET 6 FT below grade

336 DW + 245 DITCH = 581 SQ FT

540 SQ FT REQUIRED

DATE SYSTEM APPROVED 9/26/78 INSPECTOR Raymond Hodge

APPLICATION

A 24192

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. 1000 gal. septic tank | 4 B.R. 1250 gal. septic tank DISTRICT 5th
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043 DATE 10/5/76
TELEPHONE: 465-5000, EXT. 356

Dry well and/or trench system to have 135 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil. Maximum depth permitted for dry well or trench is 11 ft. below original grade. Place the dry well 110 ft. from the front lot line and 10 ft. from the right side line or slen when facing the property from Chris-Mar Road. Start the trench after a 5 foot earth buffer with the dry well, but proceed to dig it on level ground (running towards the left side line) the necessary distance. If trenches only are used, they must contain at least 200 SQ. FT. effective sidewall absorption area per bedroom (one side only); connected in series and be no longer than 100 ft. apiece. NOTE: call for inspection of trench before gravel is installed.

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 ~~Paul G. Kottis~~ Sonder Bldrs

ADDRESS ~~P.O. Box 28, Highland, Md. 20777~~ PHONE 725-5772

PROPERTY LOCATION:

SUBDIVISION ~~Brighton Dam Limited Partnership~~ Chris Mar Estates LOT NO. 2, Sec. 1

ROAD AND DESCRIPTION ~~Court A off Highland~~ 13434 Chris Mar Court

SIZE OF LOT ~~1 acre m/l~~ TYPE BLDG. ~~3 or~~ (4) ~~bedrooms~~
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT ~~/s/ Paul G. Kottis~~

APPROVED BY Frank Skinner FOR dry well &/or trench DATE 8/30/77
(KIND OF SYSTEM)

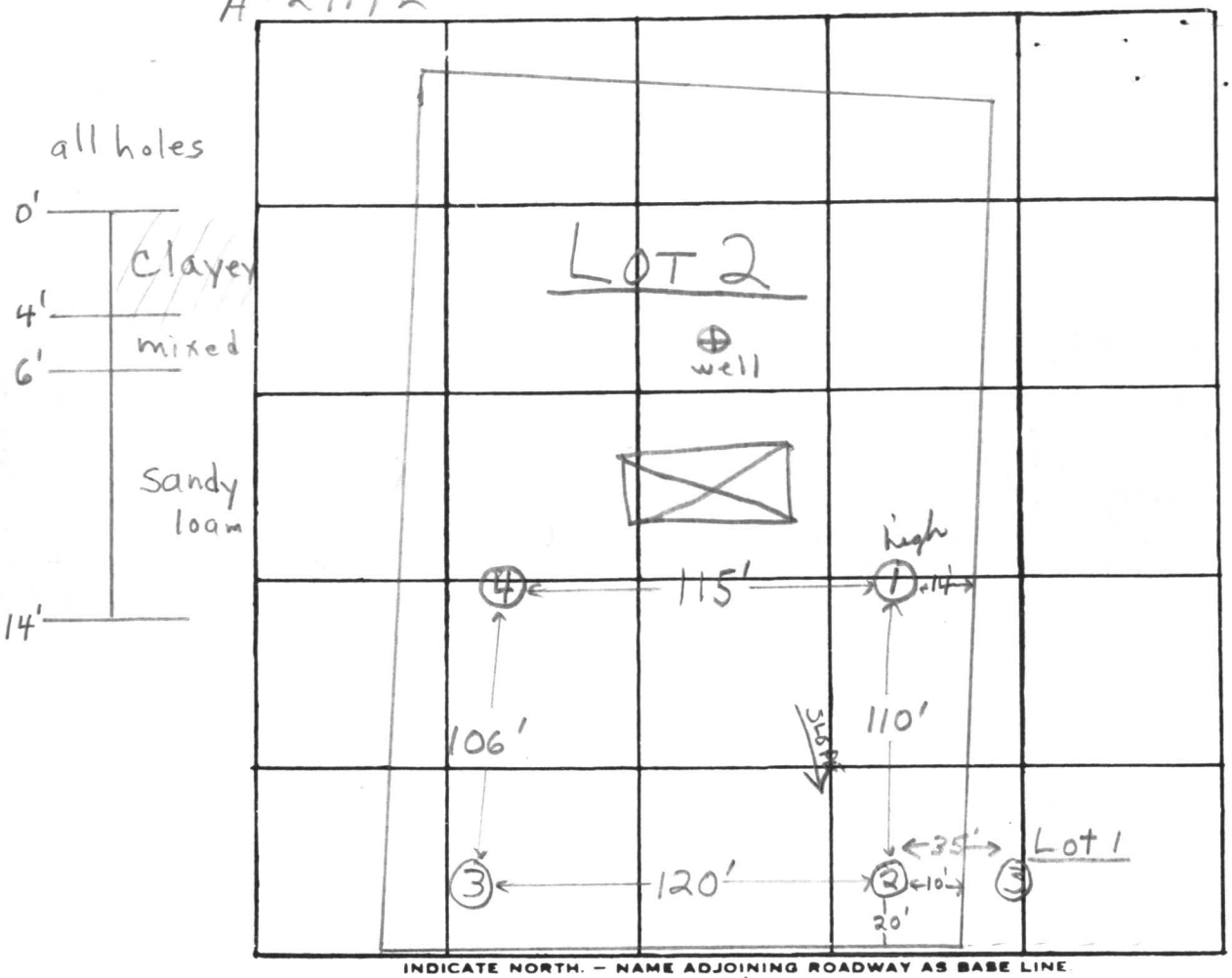
REJECTED BY FOR DATE
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT

A-24192



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

COURT "A"

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
9/22/76	1 high	5'	10:46	10:48	10:48	10:53	5 min
	1A	14'	10:47	10:52	10:52	10:59	7 min
	2 low	5'	11:20	pulled peg	11:40 ½" drop		Failed
	2A	14'	11:23	11:25	11:25	11:28	3 min
	3	4½'	11:42	11:45	11:45	11:50	5 min
	3A	14'	11:43	11:46	11:46	11:52	6 min
	2B	6'	1:41	1:48	1:48	2:05	17 min
	4	12½	Clayey to 5'; sandy loam below				

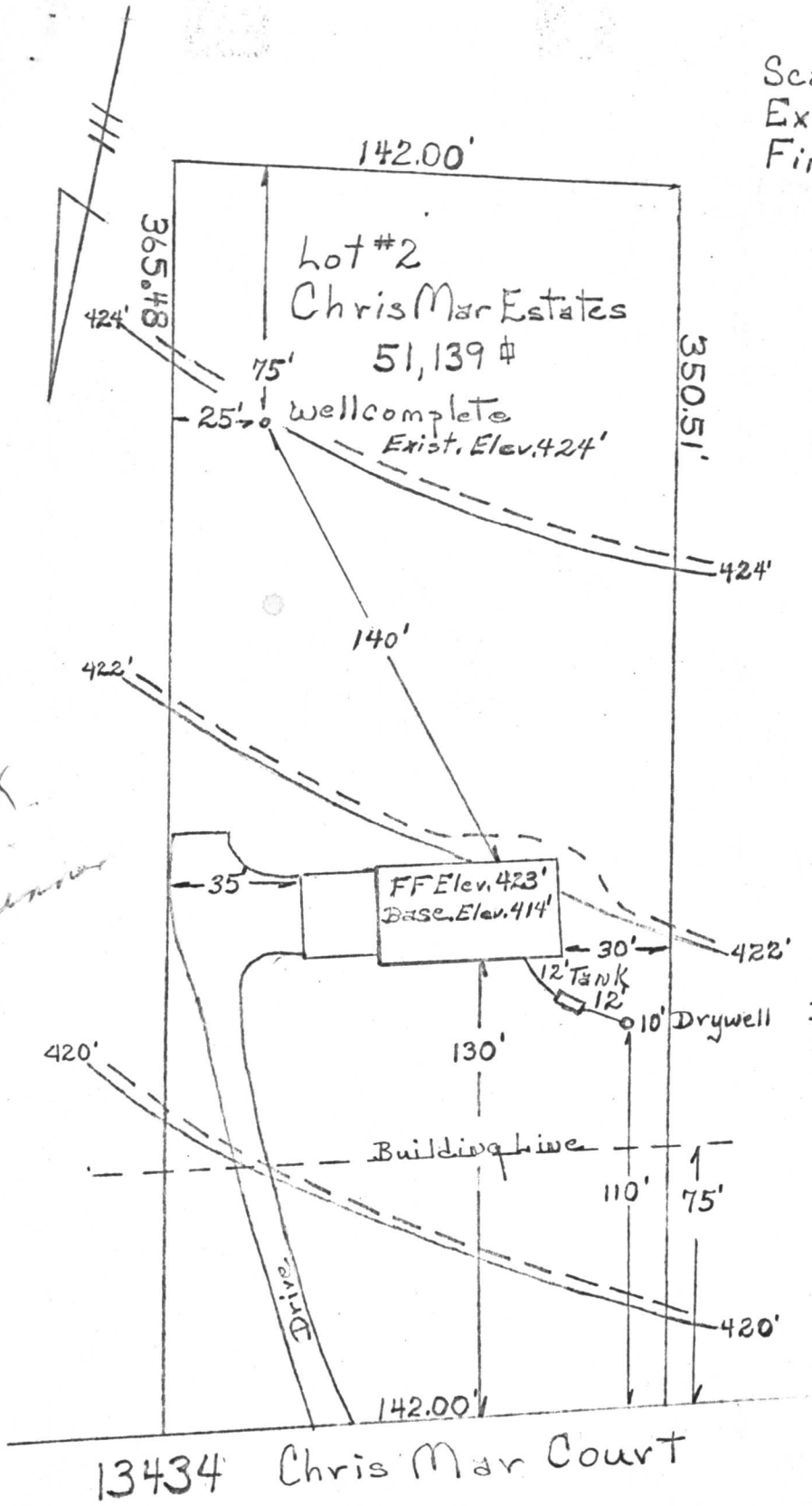
7 min avg. inv. 4 ft. 135 ¢/B.R.

REMARKS

TYPE OF SOIL sandy loam below top 4' clayey soil

TESTED BY F.S. ALSO PRESENT: P. Kottis & Crew

Scale 1" = 50 ft.
Existing grade ——
Finish grade - - -



House Inv. 417.75
Tank Inv. 417.50
Exist. Elev. 421
Drywell Inv. 417'
Exist. Elev. 421'
Elev. at time of perc. 421'

5/9/78
Sketch O.K.
T. Skinner

13434 Chris Mar Court

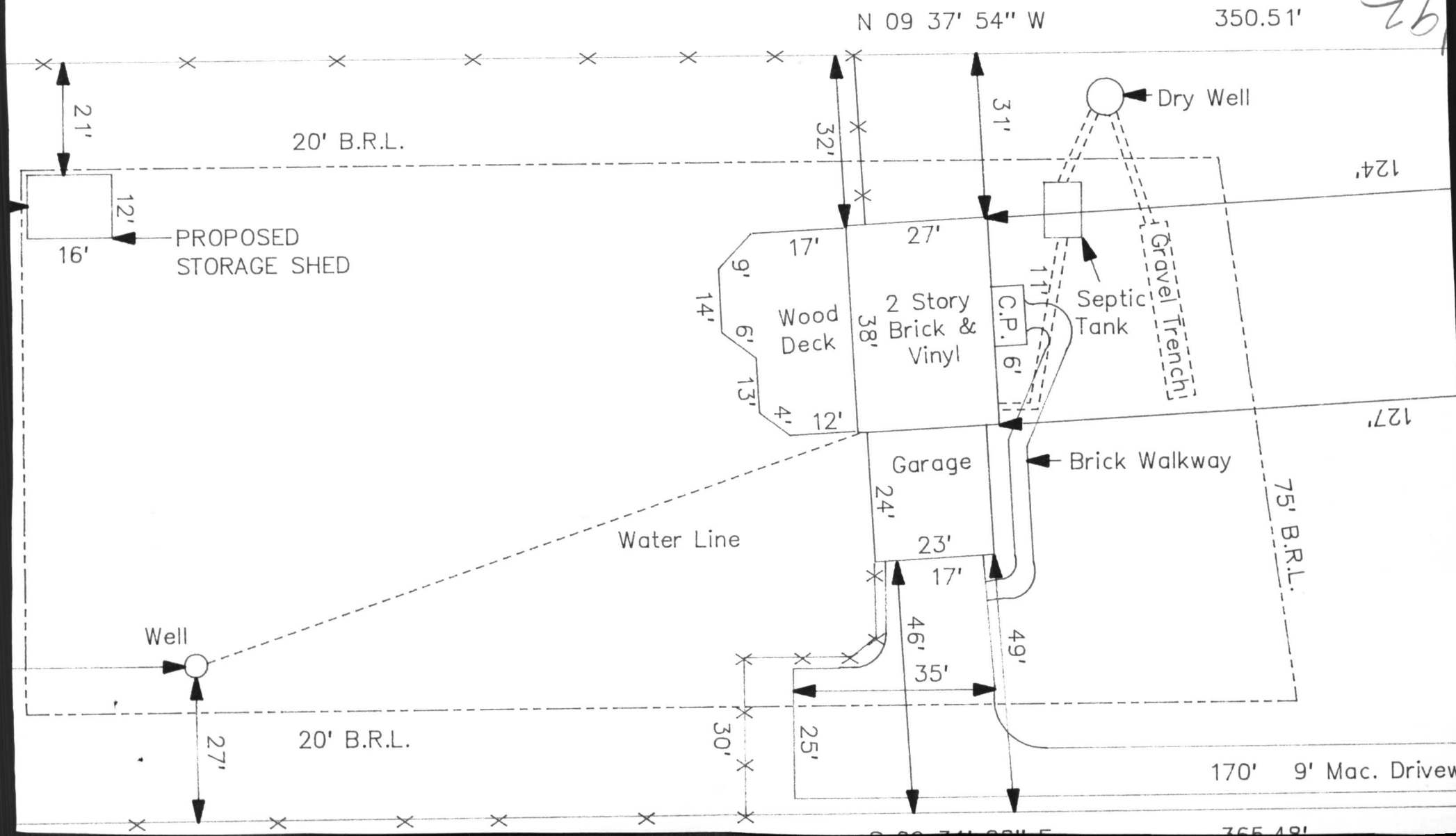
Souder Builders Inc
14269 Triadelphia Mill Rd
Dayton Maryland 21036
Phone 725 5772

28 48
7
336

35
5

35
7
245
336

48
7
336


N 09 37' 54" W
350.51'
Dry Well
21'
20' B.R.L.
32'
31'
124'
12'
16'
PROPOSED
STORAGE SHED
17'
27'
9'
14'
Wood
Deck
6'
13'
4'
12'
38'
2 Story
Brick &
Vinyl
C.P.
6'
11'
Septic
Tank
Gravel Trench
127'
Garage
Brick Walkway
24'
23'
17'
75' B.R.L.
Water Line
Well
46'
35'
49'
27'
20' B.R.L.
30'
25'
170'
9' Mac. Drivew

92 AUG 19 PM 3:08

DNR-214 (7-77)

C 1 4948 (SEQ. NO.) — 1 2 3 6 — SEQUENCE NO. (WRA USE ONLY)

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

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER: W-22-527

DATE RECEIVED (WRA USE ONLY): 8-13

DATE WELL COMPLETED: 3/1/78 (15–20)

DEPTH OF WELL: 185 (22 (TO NEAREST FOOT) 26)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HC-73-2577 (28 29 30 31 32 33 34 35 36 37)

DRILLERS IDENTIFICATION NO.: 273

OWNER: Soulder Builders (LAST NAME / FIRST NAME)

STREET OR RFD: 14269 Tridelphia Mill Rd. POST OFFICE: Dayton

WELL DESCRIPTION

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Top Soil	0	2	
Sandy	2	40	✓
Sand Stone	40	55	
Micka	55	60	
Sand Stone	60	65	✓
Micka	65	185	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES [Y] (44) NO [N] (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT [C M] (45 46) BENTONITE CLAY [B C] (45 46)

NO. OF BAGS: 10 NO. OF POUNDS: 1000

GALLONS OF WATER: 60

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 (48 52) FT. TO 30+ measured (54 58) FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW: [S T] STEEL; [C O] CONCRETE; [P L] PLASTIC; [O T] OTHER

MAIN CASING TYPE: [S T] (60 61); NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH): 6 (63 64); TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 55 (66 70)

OTHER CASING (IF USED)

EACH CASING — DIAMETER (INCH) / DEPTH (FEET) FROM / TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW: [S T] STEEL; [B R] BRASS OR BRONZE; [H O] OPEN HOLE; [P L] PLASTIC; [O T] OTHER

C 2 (1 2 3 (SEQ. NO.) 6)

EACH SCREEN — DEPTH (NEAREST WHOLE FOOT) FROM / TO

1. [H O] (8 9) 53 (11 15) 185 (17 21)
2. (23 24) (26 30) (32 36)
3. (38 39) (41 45) (47 51)

SLOT SIZE 1, 2, 3,

DIAMETER OF SCREEN: (56 60) (NEAREST INCH)

GRAVEL PACK: FROM / TO

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX: 68 [F]

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

C 3 (1 2 3 (SEQ. NO.) 6)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 6 (8 9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 3 (11 15)

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING: 30 (17 20) (NEAREST FOOT)

WHEN PUMPING: 185 (22 25) (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST): [A] AIR (27); [P] PISTON (27); [T] TURBINE (27); [C] CENTRIFUGAL (27); [R] ROTARY (27); [O] OTHER (DESCRIBE BELOW) (27); [J] JET (27); [S] SUBMERSIBLE (27)

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES [Y] NO [N]

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) (31 35)

PUMP HORSE POWER (37 41)

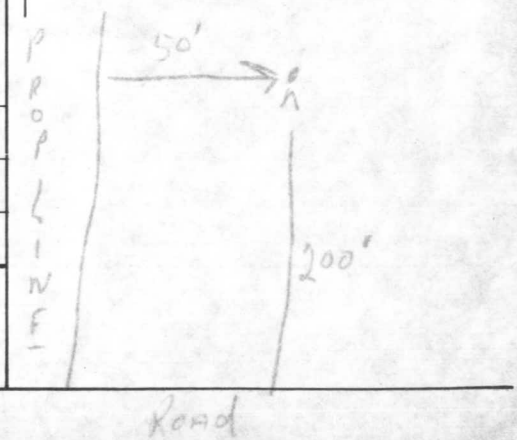
PUMP COLUMN LENGTH (NEAREST FOOT) (43 47)

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

[+] ABOVE / [−] BELOW (49) LAND SURFACE: 2 (50 51) (NEAREST FOOT)

LOCATION OF WELL ON LOT

N — SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).



CIRCLE APPROPRIATE BOXES

[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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT): Ralph Mayne

SIGNATURE: Ralph Mayne

HEALTH

RECEIVED
MAR 23 9 11 AM '70
HOWARD COUNTY
HEALTH DEPT.
ELLICOTT CITY, MD.