

9/13/90 10/30

Tax ID - 04-311205

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 46320
11771
A REPAIR

DISTRICT 4th

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 9/05/90

INDEXED

DATE SYSTEM APPROVED 9/13/90

INSPECTOR BH

William Chandler IS PERMITTED TO INSTALL ALTER X

ADDRESS _____ PHONE 489-7692

SUBDIVISION River Farms, Inc. LOT 16, Sec. 2 ROAD 2993 Duvall Road

PROPERTY OWNER William Chandler J. Craig Robson

ADDRESS 2993 Duvall Road
Woodbine, Maryland 21797

SEPTIC TANK CAPACITY 1250 GALLONS

BLDG. PERMIT SIGNED
AND RETURNED 8/5/94

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM 375 3 BR Serial # 55721 - addition
kitchen

LINEAR FEET OF TRENCH REQUIRED 68 FT WITH 5 1/2 FT STONE INLET 2 FT

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.

9/13/90 RUN TRENCH OFF OLD DW

BLDG. PERMIT SIGNED
AND RETURNED 3-8-99
Serial # B00116548
2 not floor bedrooms

PLANS APPROVED BY C. Williams DATE 9/05/90

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

BLDG. PERMIT SIGNED
AND RETURNED 9/21/93
Serial # 57570 - garage

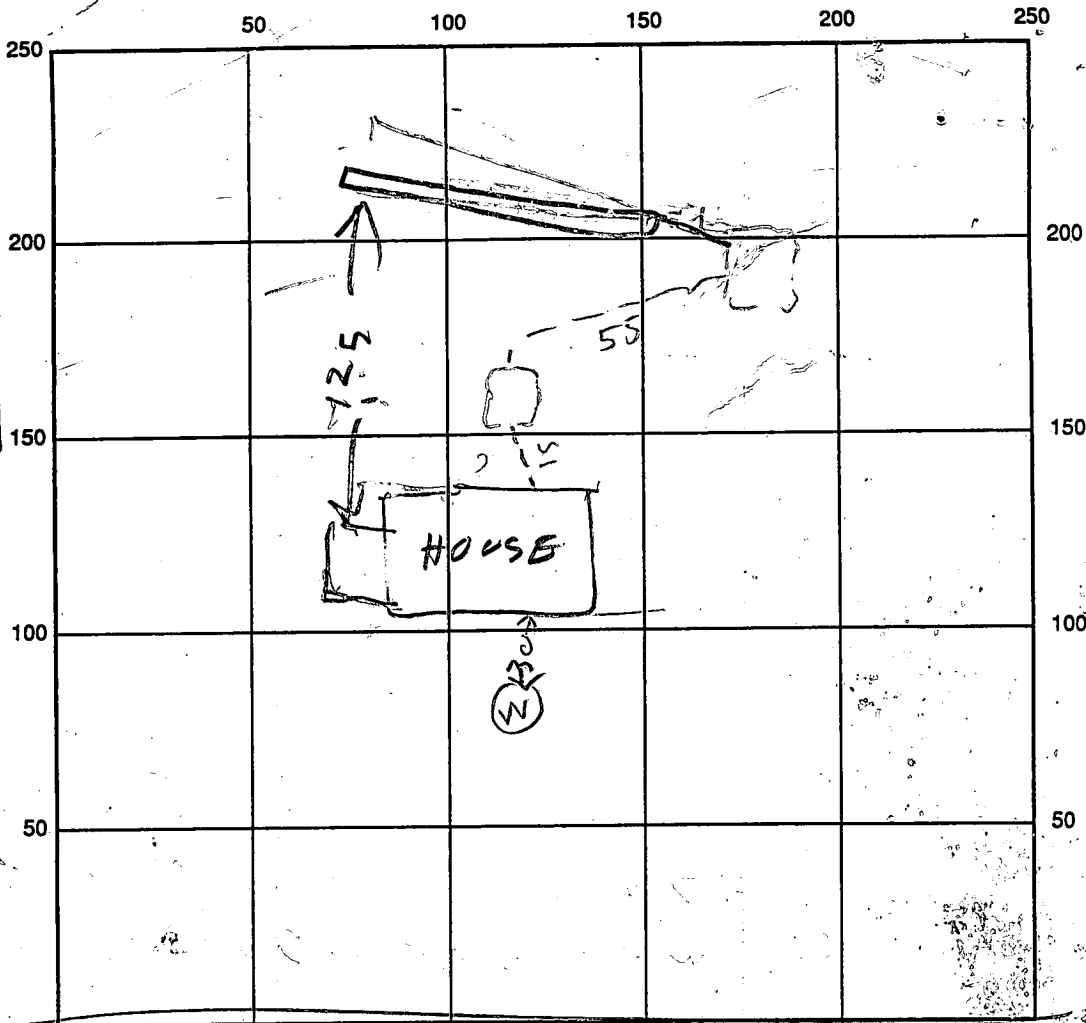
PERMIT VOID AFTER TWO YEARS

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**

P 46320



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DUVALL RD

TOWNSHIP RD →

SEPTIC TANK LEVEL _____ CLEANOUTS _____

DISTRIBUTION BOX LEVEL _____

DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 5 1/2 FT. TOTAL LENGTH 55 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 940 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: 9/13/90^{am} EXTEND TRENCH TO 68 FT & ADD STONE

9/13/90^{pm} TRENCH OK

DATE SYSTEM APPROVED 9/13/90 INSPECTOR Raymond Hedges

2/19/68
after 12 noon

7/22/68
LAW

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4

DATE 7/16/68

P 13744

A 11771

INDEXED

Paul Gregor

IS PERMITTED TO INSTALL ALTER

ADDRESS Rt. 2 - Box 47 - Hanover, Md.

PHONE 796-0952

A SEWAGE DISPOSAL SYSTEM LOCATED AT

SUBDIVISION River Farms, Inc.

ROAD

2993
Duvall Road

LOT 16, Sec. 2

PROPERTY OWNER John Thomas McCormick

ADDRESS

SPECIFICATIONS - 4 bedrooms

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

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

SEPTIC TANK CAPACITY 1,000 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Dry well - 400 sq. ft. sidewall area below the inlet.

Place the dry well 160 ft. to 175 ft. from the front lot line and 20 ft. to 40 ft. from the right side of the lot as seen when facing the lot from Duvall Rd.

MAXIMUM DEPTH PERMITTED 12' below original grade.

PERMIT VOID AFTER THREE YEARS.

PLANS APPROVED BY Raymond Hodges

DATE 5/6/66

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

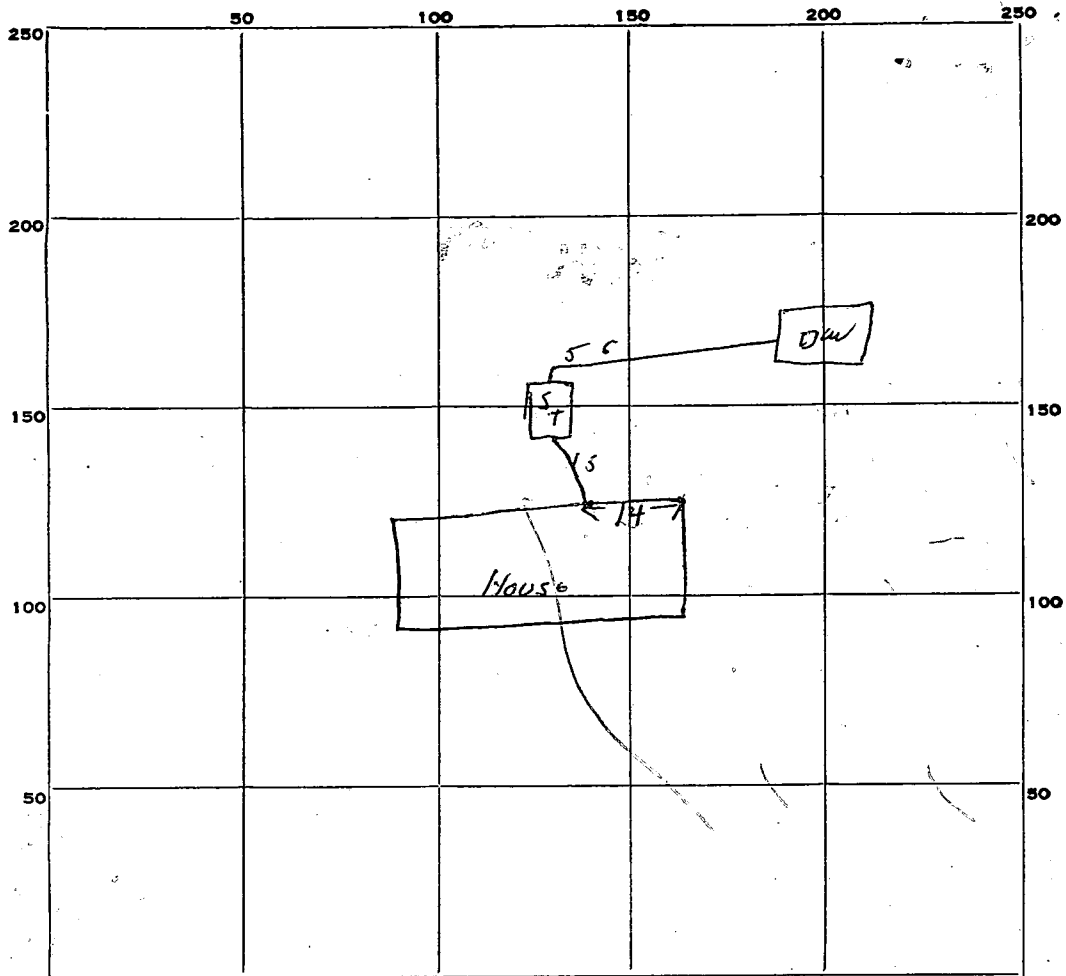
NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

BLDG. PERMIT SIGNED
AND RETURNED 5/11/64

Serial # 58799 Shred

**NOTIFY THE HEALTH DEPARTMENT 48 HOURS
BEFORE EXCAVATIONS ARE TO BE BACK FILLED.**

11771



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Dunell Rd

PERMIT CARD OK

SEPTIC TANK, LEVEL OK

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

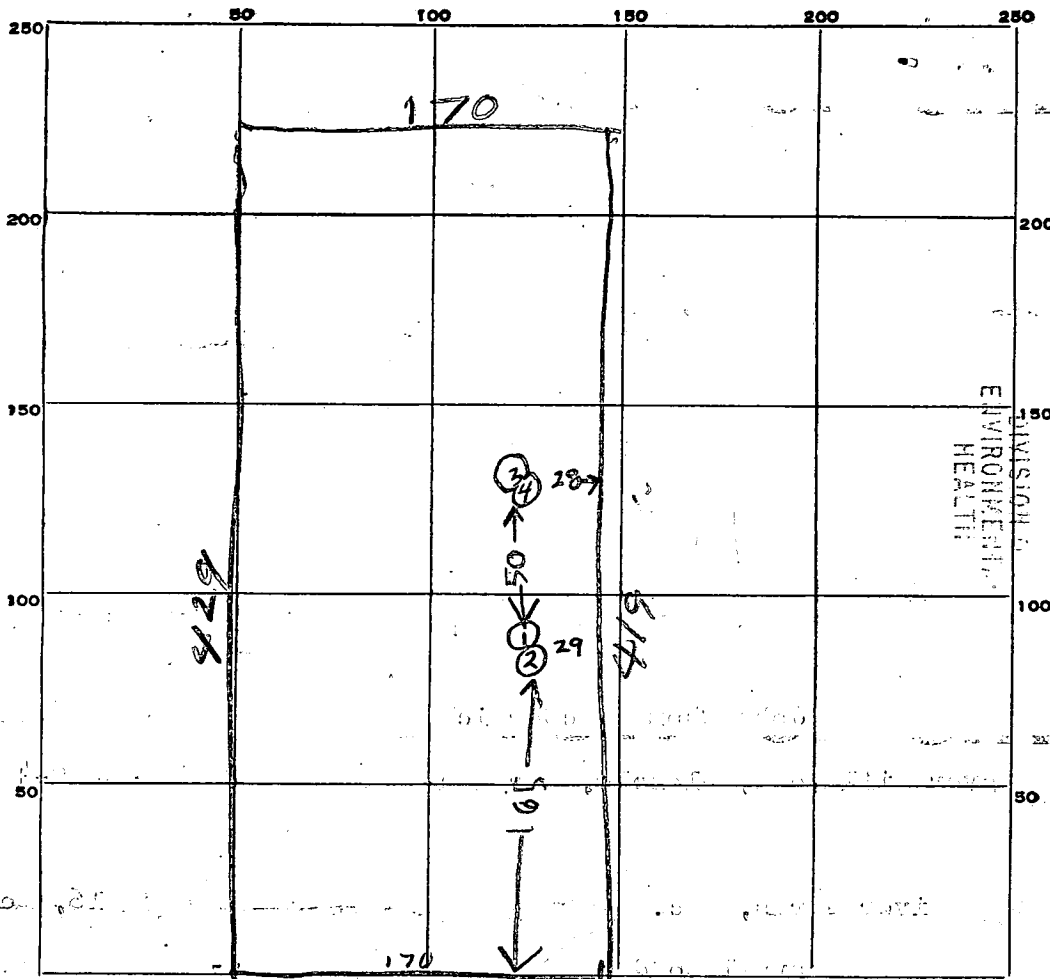
SEEPAGE PITS, ^{Perimeter} INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 9 FT.

ABSORBENT AREA 4.32 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 7/22/68

INSPECTOR *W. W. Craig*



KELLAM
 HOWARD COUNTY
 HEALTH DEPT.
 ENVIRONMENTAL
 HEALTH DIVISION
 MAY 10 8 57 AM '66

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
 DUVAL RD ~~TO~~ ED WARFIELD RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/6/66	1	9	944	945	945	949	4
5/6/66	2	3 1/2	945			1003	10
5/6/66	3	9	947	953	953	1002	9
5/6/66	4	3 1/2	948	953	953	1007	14

7 MIN AV
 12 MIN AV

SOIL AUGER FINDING

TESTED BY *R. Hodges*

REMARKS Lot 16 sect 2

— CORN Field —

← 170' →

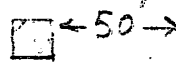
LOT #16
Sec. 2, Block 48
Liber 9, Folio 14

LOT #14

LOT #17

430'

Proposed
GARDEN
Shed →

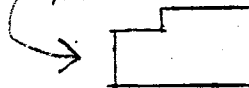


← 50' →

LOT #15

5/1/84
sketch ok.
for shed
J.S.

EXISTING HOUSE
AND GARAGE



W.C. Chandler
2993 DUVAL ROAD
WOODBINE, MD. 21797

(DAISY, MD.)

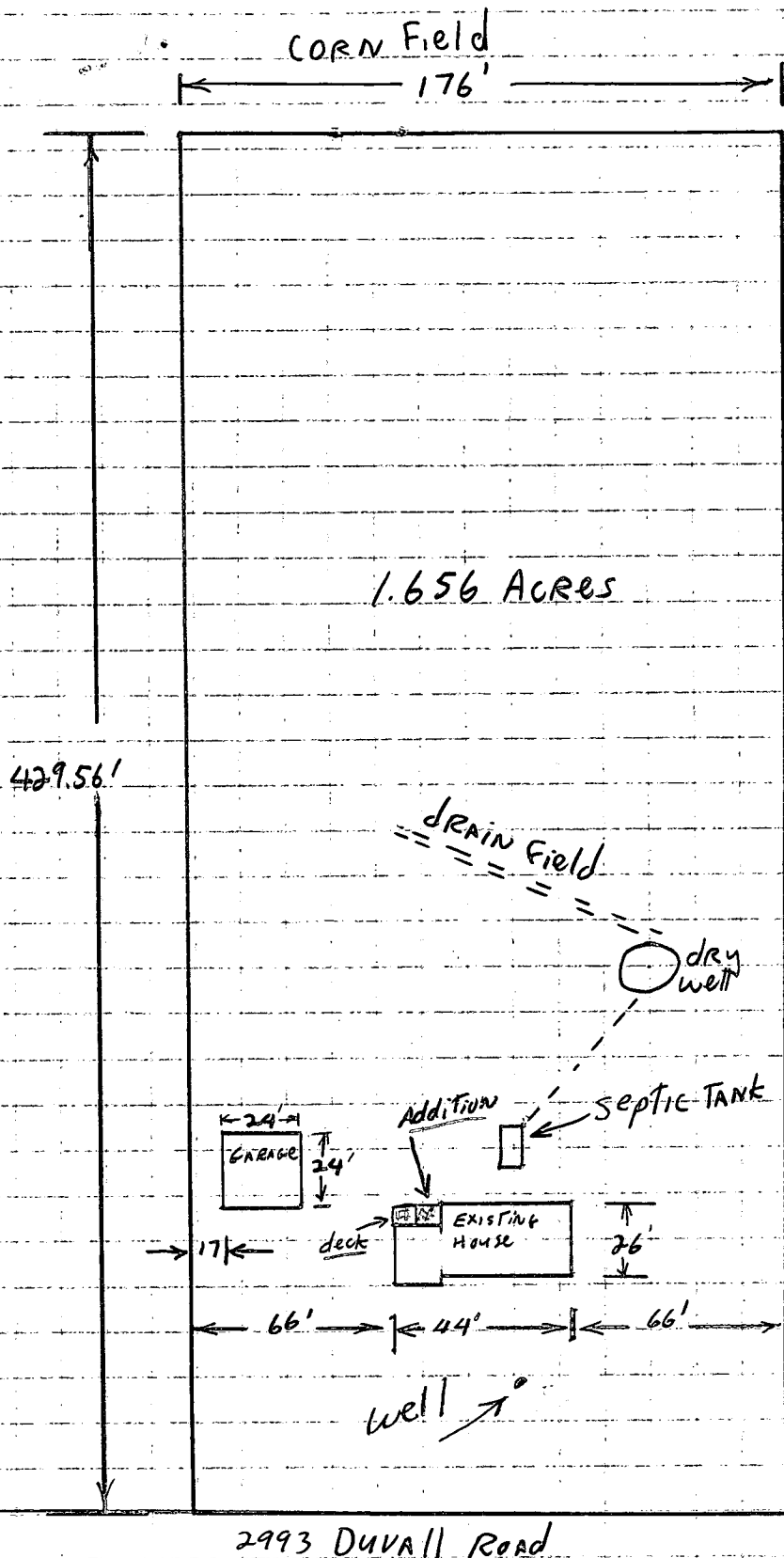
240'

DUVAL ROAD

PLOT PLAN
Shed

Additional Info:

PATIO Block Floor
4x4 Treated Sills
PAINTED SHEET METAL EXTERIOR



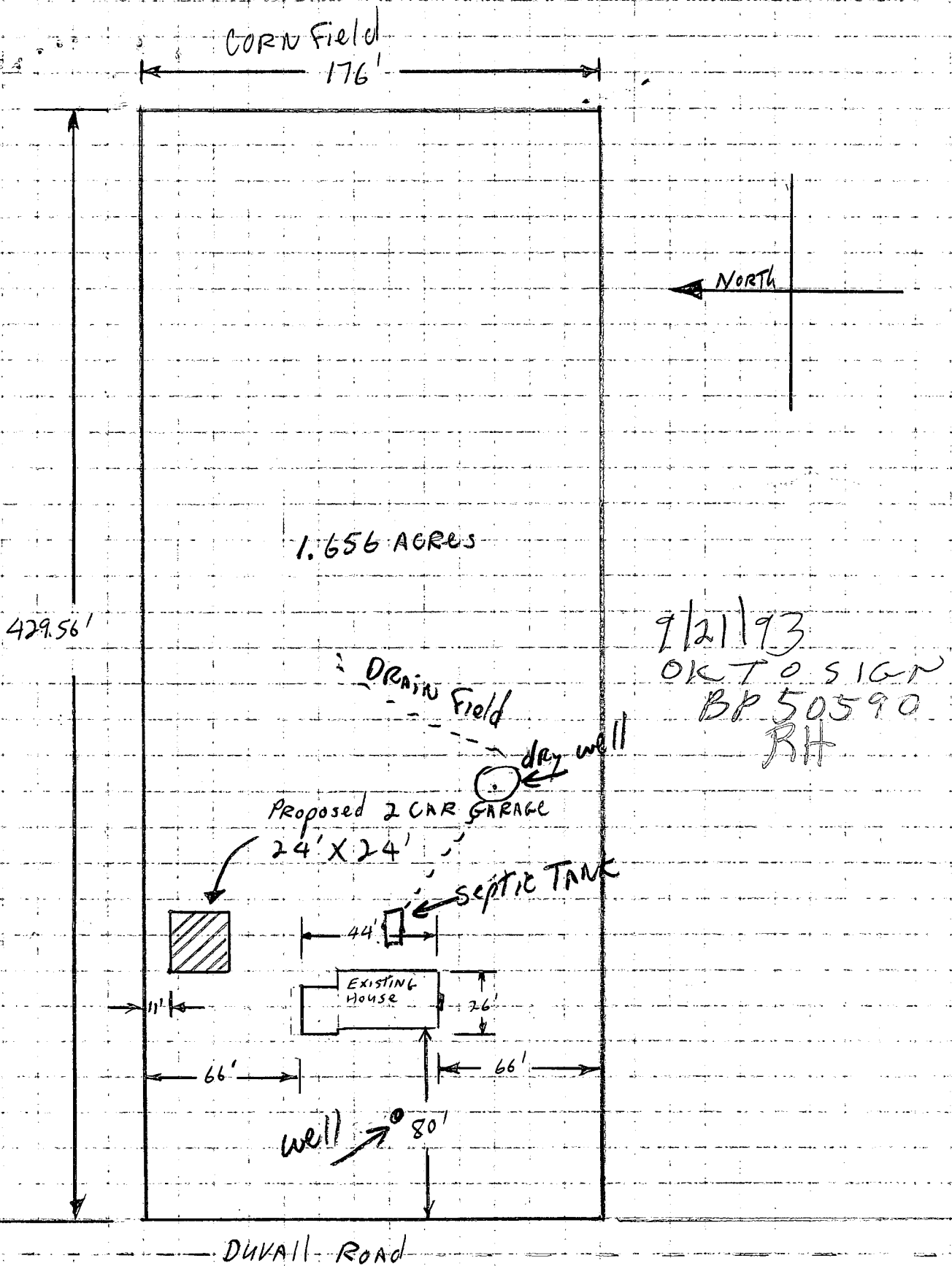
1.656 ACRES

8/5/94
 OK to proceed
 with BP 55721
 No impact to
 existing well or
 septic.
 Amy McMullen

2993 DUVALL ROAD

William C. Chandler
 2993 Duvall Rd.
 Woodbine (Daisy) Md. 21797
 (410) 489-7692

LOT 16 - SECTION 2
 RIVER FARMS, INC.
 Block 481, Liber 9, Folio 14



DUVALL ROAD

William C. Chapeller
 2993 DUVALL Rd
 Woodbine (DAISY) Md. 21797
 410-489-7692

LOT 16 - SECTION 2
 RIVER FARMS, INC.
 Block 481, Liber 9, Folio 14

~~3430 C. Hays Drive
 Howard building 1st Floor
 Red Brick Building~~ 8-4 DW

C1 0845 SEQUENCE NO. (DENY USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 5-8 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 RW 46322

ST/CO USE ONLY
 DATE RECEIVED
 DATE WELL COMPLETED

INDEXED 22 190 26
 Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
 10/26/90 4040-88-1609

OWNER Fink last name 1276 Rt 97 Roger first name
 STREET OR RD. TOWN Looksville
 SUBDIVISION SECTION LOT

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	
Red Rock	2	5	
Red Shale	5	11	
Brown Shale	11	18	
Sandstone	18	24	
Brown Shale	24	46	
Brown Slate	46	52	
Tan Slate	52	54	
Brown Slate	54	73	
Quartz	73	77	
Brown Slate	77	108	
Quartz	108	110	
Tan Slate	110	122	
Dark Brown Slate	122	118	
Tan Slate	118	124	
Dark Brown Slate	124	140	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 16 NO. OF POUNDS 1100
 GALLONS OF WATER 30
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft to 4.2 ft

CASING RECORD
 casing types insert appropriate code below
 ST CO STEEL CONCRETE
 PL OT PLASTIC OTHER

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 51

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 HOLE
 PL OT PLASTIC OTHER

C2
 DEPTH (nearest ft.)
 HO 49 140
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) from to

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) W Q
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
 PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 52
 METHOD USED TO MEASURE PUMPING RATE
 WATER LEVEL (distance from land surface) BEFORE PUMPING 4.1 WHEN PUMPING 1.40
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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:
 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 below LAND SURFACE (nearest foot)

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)
 PROP LINES 300 200
 RT 47
 Old Frederic Rd.

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. 4
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

B 1 **8700** SEQUENCE NO. (DP USE ONLY)
 1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 2-6 ON ALL CARDS)

STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
HO-88-1609
 70 fill in this form completely 79

Date Received (APA) **090790**
 OWNER INFORMATION
FRANK ROGER
 15 Last Name Owner First Name 34
1276 RT 97
 36 Street or RFD 55
SYKESVILLE MD 21784
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
 1 2
HOWARD
 8 COUNTY 21
 23 SUBDIVISION 42
 SECTION LOT
 44 46 48 50
COOKSVILLE
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** MI
 73 76 77 78

DRILLER INFORMATION
George F. Easterday
 Driller's Name 77 License No. 80 **40**
L. Franklin Easterday, Inc.
 Firm Name
9265 Brown Church Rd. MT. Airy, Md. 21771
 Address
George F. Easterday **9/5/90**
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 1 2

 8 8-9 8-9 8 8-9 8-9 8-9 8-9

1276 RT 97
 11 NEAR WHAT ROAD 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 34 **500** 37 DISTANCE FROM ROAD
 ENTER FT or MI **FT**
 38 39

B 2 WELL INFORMATION
 1 2
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 8 12
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**
 14 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard **RW 46322**
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE DATE ISSUED **090790** Mark E. Riffin 3/7/91
 43 48 CO SIGNATURE EXP. DATE
 NORTH GRID **547000** EAST GRID **0796000**
 50 55 57 63

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **200** FEET
 24 28

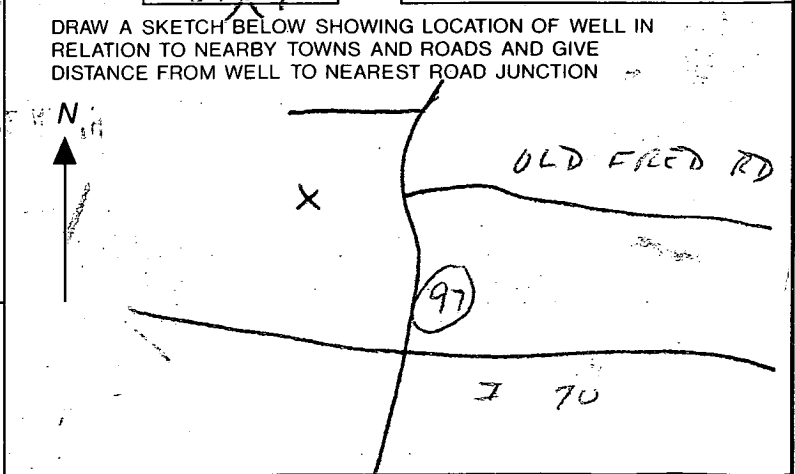
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
9/17/90 9:00 no logs
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE

 000 000

APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE REVERSE-ROTARY DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER
 54 63
 FORCE **MI** WRITE INITIALS IN BOX PERMIT No. **HO-88-1609**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
 COUNTY **COOKSVILLE**