

11/13/96
EARLY

TAX# 04353617

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 57392B

A 42738

DISTRICT 4th

DATE 11-12-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXX9983~~ 313-2640

INDEXED

DATE SYSTEM APPROVED 11/13/96

INSPECTOR M. Ripkin

Arnold's Backhoe and Septic

IS PERMITTED TO INSTALL ALTER

ADDRESS 7110 Woodbine Rd. Woodbine Md PHONE 795-7877

SUBDIVISION Chessie Crossing LOT 24 ROAD 754 Chessie Crossing Way

PROPERTY OWNER Mr. and Mrs. Gillespie

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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

LOCATION - Place the distribution box 205 feet down the 559.38' lot line and 115 feet off this same lot line as seen when facing the lot from the pipestem off Chessie Crossing Way. 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. 8/30/96 OK ALM

REVISION: OK TO MOVE DIST. BOX 15' HIGHER, INSTALL 2-120' TRENCHES SUGGESTED BY ENGINEER

PLANS APPROVED BY Donna K. Soe DATE 08/20/96

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

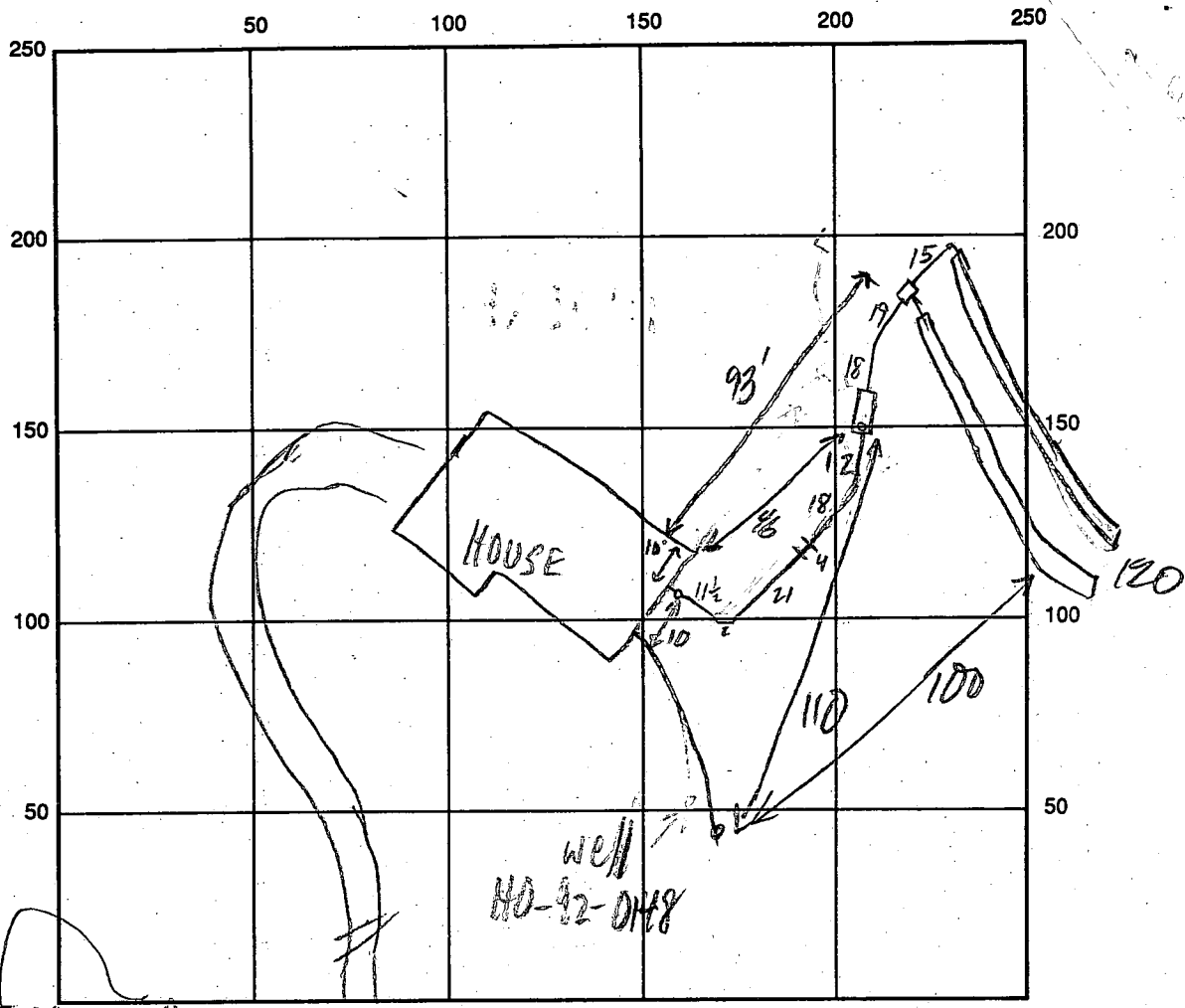
PERMIT VOID AFTER TWO YEARS

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**

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42738

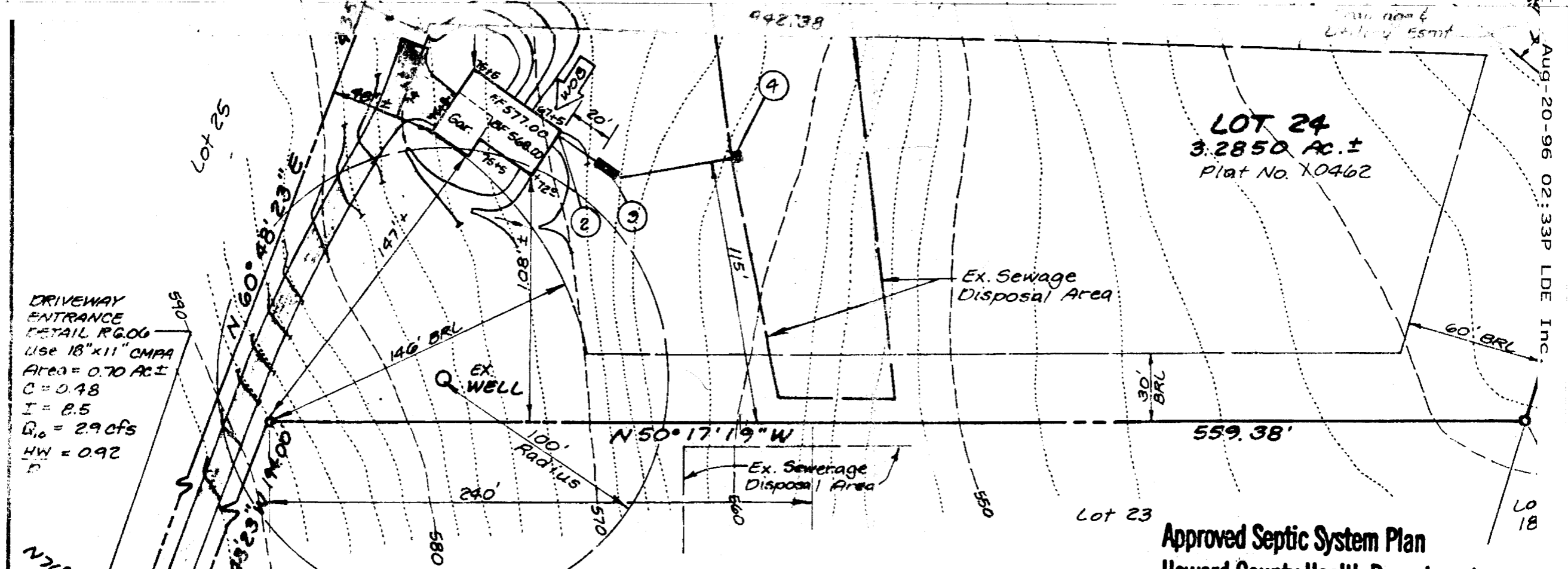
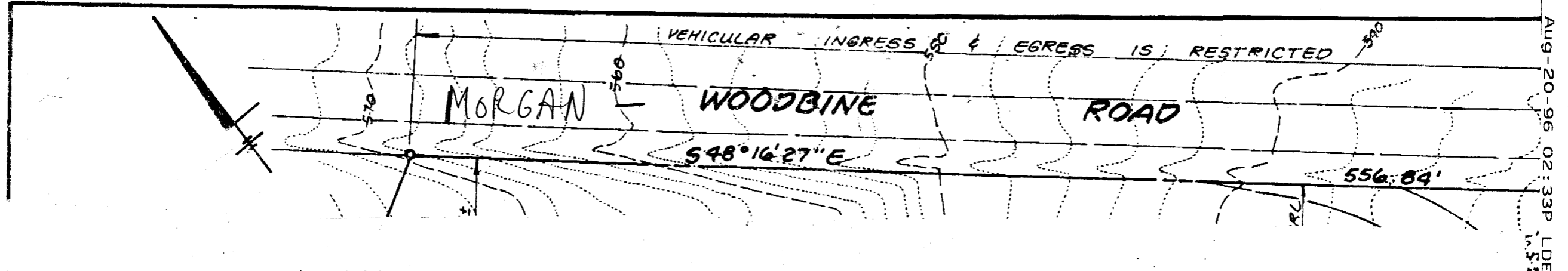


CHESSIE CR. WAP INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1250 - OK CLEANOUTS OK - S.T. & INLINE
 DISTRIBUTION BOX LEVEL OK - BAFFLE IN
 DRAIN FIELD/TITLE DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 2 @ 120 FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 2 @ 360 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA 720 SQ. FT.

REMARKS: 11/13/96 OK TO COVER MR
6/12/97 POOL BP REVIEW: HOUSE SITE SHOWN ON HOUSE
PLAN NOT ACCURATE - HOUSE HAS ROTATED MR

11/13/96 WPI - 2-PC CAP NEEDED (BLOR CALLED) MR
 DATE SYSTEM APPROVED 11/13/96 INSPECTOR M. Kiffin



DRIVEWAY
ENTRANCE
DETAIL R.G.06
Use 18"x11" CMPA
Area = 0.70 AC.±
C = 0.48
I = 8.5
Q₁₀ = 2.9 cfs
HW = 0.92
D

SEPTIC SYSTEM DESIGN DATA:

- ① 4 Bedrooms
- ② Invert @ Wall: 564.40
- ③ 1250 Gallon Septic Tank: Provide manhole to grade
Ex. grade over tank: 567.00 Fin. grade over tank: 567.00
Invert In: 564.00 Invert Out: 563.70
- ④ Distribution Box: 4 Outlets
Ex. grade over box: 561.70 Fin. grade over box: 561.70
Invert: 559.70
- ⑤ Trench Data: 180 SF/BR 48R x 180 = 720 SF 720 ÷ 3 = 240 LF
* Provide 4 trenches @ 60 LF Each

* Length of trench to be determined @ time of septic permit issuance.

Approved Septic System Plan
Howard County Health Department

David X. See
Signature Date 8/20/96

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