

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50659

A 43181

DISTRICT 4th

DATE 4/18/95

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

INDEXED

DATE SYSTEM APPROVED 4-27-95

INSPECTOR Ann

Arnold's Backhoe & Septic Service, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION Chessie Crossing LOT 2 ROAD 707 Chessie Crossing Way

PROPERTY OWNER Mike & Cheryl Bailey

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

219
280
84031840
6

Addition - Deck
BLDG. PERMIT SIGNED
AND RETURNED 9-22-95
Serial # 61686

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 160 feet from front lot line and 120 feet from right lot line (545.22') as viewed from Chessie Crossing Way. Install trenches on contour toward right lot line. Run trenches in both directions for future repair.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 2/23/95 DKS

PLANS APPROVED BY Ronald J. Pinkley/Amy McMillen

REVISED DATE 02/08/95

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

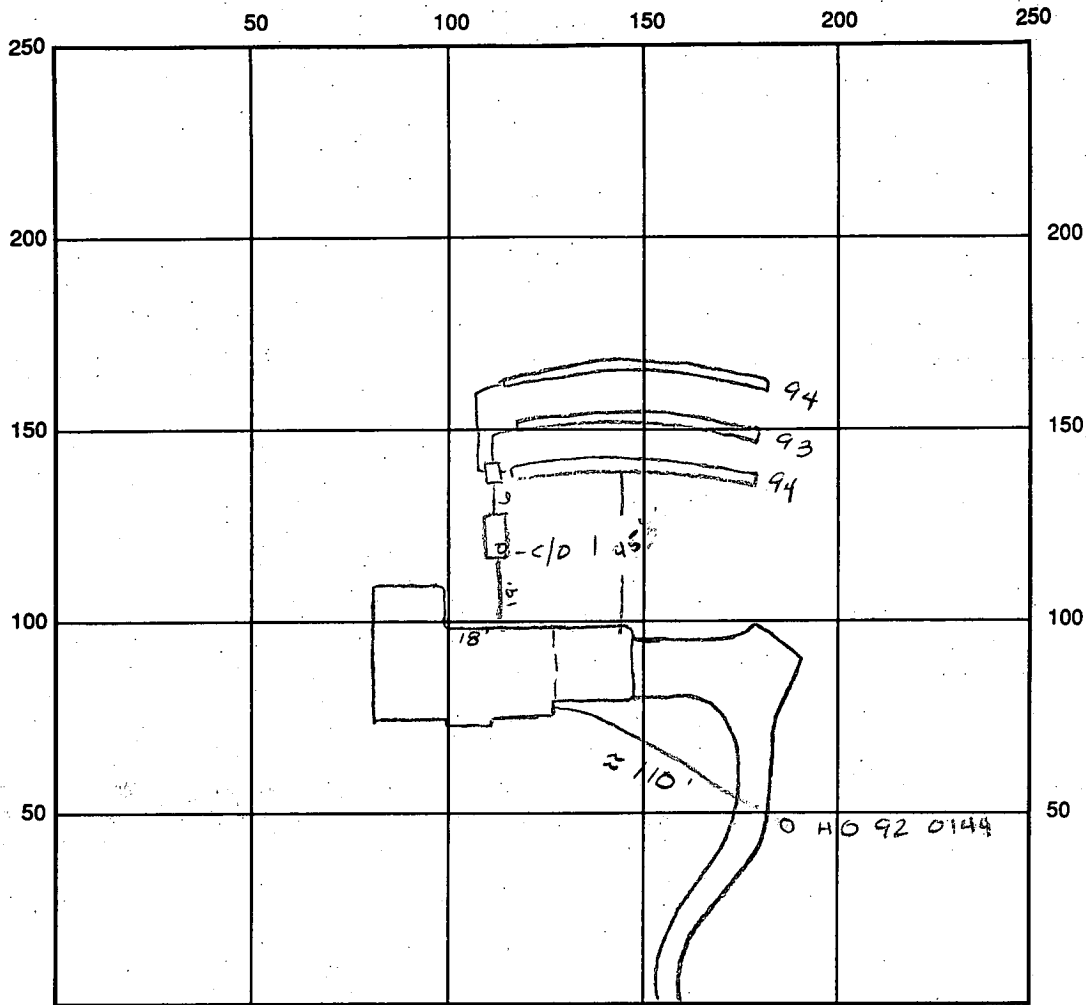
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED
AND RETURNED 5/1/95
Serial # 59312

proper leak

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



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE *Chassic Crossing Way*

SEPTIC TANK LEVEL 1250 gal CLEANOUTS OK
 DISTRIBUTION BOX LEVEL OK baffle 15 in
 DRAIN FIELD/TITLE DEPTH 5' per cont. TRENCH WIDTH 3' FT. INLET DEPTH 3' FT.
 EFFECTIVE GRAVEL DEPTH 2' FT. TOTAL LENGTH $\textcircled{1} 94 \textcircled{2} 94 \textcircled{3} 93$ FT. = 281 total linear ft
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA $\textcircled{1} 843$ SQ. FT. $\frac{281}{8.43}$
 DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.
 ABSORBENT AREA SQ. FT.

REMARKS: 4-27-95 OK to cover all work fixed

4-27-95 No WPI An OK 4/28/95 CBS already covered 8/2/95 RJP
 DATE SYSTEM APPROVED 4-27-95 INSPECTOR Amy McMillen

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 4381

P _____

DISTRICT 4

DATE Nov 23 August 2, 1988

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 V. & Bong Cha Broesne Mike & Cheryl Bailey

ADDRESS 694 Morgan Station Road Woodbine, MD 21797 PHONE 489-4052

PROPERTY LOCATION: Prospective Buyer: Lambert Cissell 442-5671
SE Corner of 3425 Hipsley Mill Rd. Woodbine, MD 21797 **NEW 2**

SUBDIVISION "Chessie Crossing" Morgan Woodbine Rd. & Morgan Station Rd. LOT NO. ~~27~~

ROAD AND DESCRIPTION New Road = Road A, Tax Map 3, Parcel 4
(707 Chessie Crossing Way)

SIZE OF LOT 3 acres +/- TYPE BLDG. single family residence
(NUMBER OF BEDROOMS)

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.

James L Newburn (997-3815)
(SIGNATURE OF APPLICANT)

James L. Newburn Agent for Lambert Cissel

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

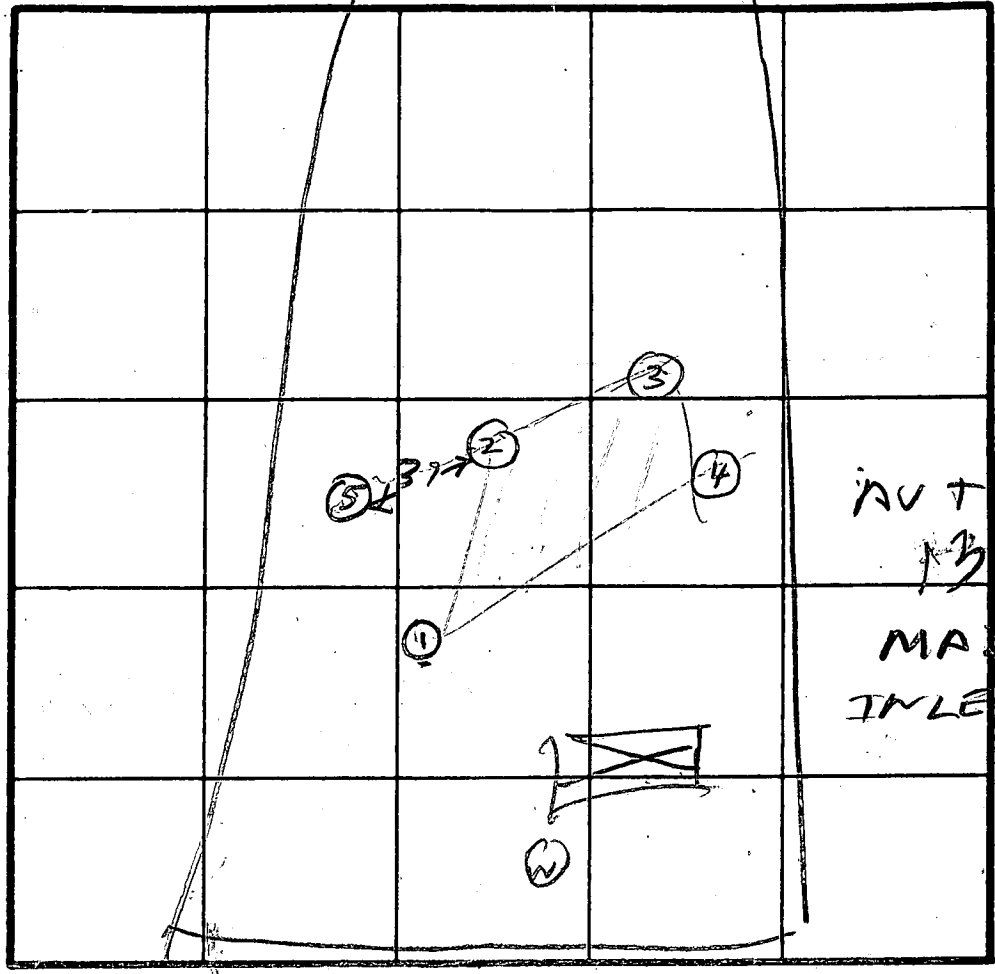
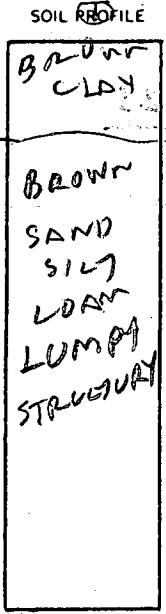
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 12/20/00 - Perc OK Hold for Permit

BLDG. PERMIT SIGNED
AND RETURNED 2/8/95
Serial # 58060 -
SFD - Y Bms

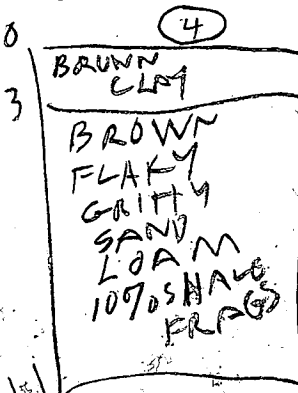
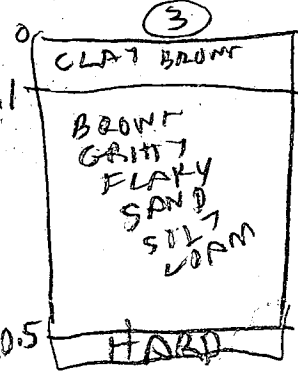
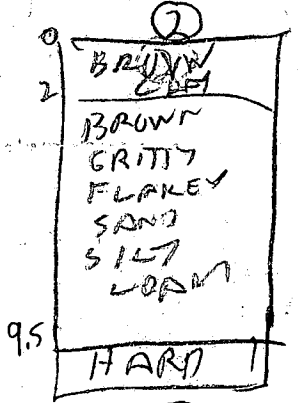
THIS IS NOT A PERMIT

A 43121
LOT NEW 2



RUN TIME 13 MIN
MAX DEPTH INLET 3 FT

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/20/88	1P	7.5	1147	1206	1206	1229	23
	1S	3	1148	1159	1157	1218	21
"	IV	12	OK				
"	2S	4.5	1153	1156	1156	1200	4
	2V	9.5	OK				
"	3S	4	1208	1209	1209	1211	2
	3V	10.5	OK				
"	4V	11	OK				
"	5V	?	ROCK	UNSATISFACTORY			

REMARKS HOLES (1) & (5) PUG PER ORIGINAL TEST. ALL TEST HOLES (2) (3) (4) 171 FFEREN

TYPE OF SOIL _____
TESTED BY RITCHES ALSO PRESENT SONNY DAVE OLEN

B 1 **8357** SEQUENCE NO. (DP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

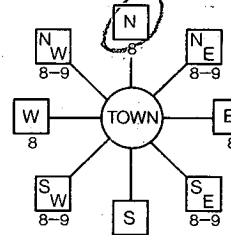
STATE OF MARYLAND
 APPLICATION FOR PERMIT TO DRILL WELL
 please print or type


STATE PERMIT NUMBER
H0-92-0144
 fill in this form completely

Date Received (APA) **072992**
 OWNER INFORMATION
NewBURN Development
 Last Name Owner First Name
5570 STERRETT PLACE
 Street or RFD
COLUMBIA MD 21044
 Town State Zip

B 3 LOCATION OF WELL
HOWARD COUNTY
Chessie Crossing SUBDIVISION
 SECTION **20** LOT **2**
WOODRINE NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **2 1/2** MI

DRILLER INFORMATION
Joseph L. MAYNE License No. **238**
Joseph L. MAYNE Well Drilling
 Firm Name
5512 RIDGE RD. MT. AIRY MD. 21771
 Address
Joseph L. Mayne 7/29/92
 Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)


Chessie Crossing Way NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

 DISTANCE FROM ROAD **35** FT
 ENTER FT or MI

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

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A43181 COUNTY NO.
 STATE SIGNATURE _____ INSERT S
 DATE ISSUED **080792** **Ronald Wally** EXP/DATE **2/7/93**
 NORTH GRID **553000** EAST GRID **058500**

APPROXIMATE DEPTH OF WELL **260** FEET

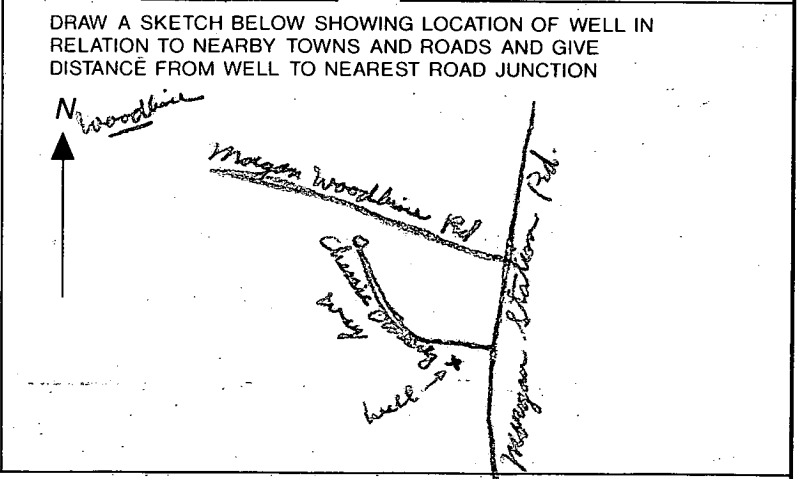
APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVerse-ROTary Drive-POINT
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **7845**
 N **5543**

8/31/92
 9' 30" location OK
 casing 84'
 open - 80'
 good - 17 bop
 RP 8/31/92

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) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROX. PERMIT NUMBER _____ GAP _____
 FORCE **RP** WRITE INITIALS IN BOX PERMIT No. **H0-92-0144**

SPECIAL CONDITIONS

C1 6716 SEQUENCE NO. (DENY USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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 A43181

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 10/3/92

Depth of Well 249 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-92-0199

OWNER Newbury Development last name Cheshire Crossing first name Cheshire Crossing TOWN Poolbine SUBDIVISION Cheshire Crossing SECTION 1 LOT 2

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries: Brown shale 0-79, Blue rock 79-245.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 17, NO. OF POUNDS 1595, GALLONS OF WATER 102, DEPTH OF GROUT SEAL 0-70 ft.

CASING RECORD: casing types insert appropriate code below. Codes: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER).

MAIN CASING TYPE SF, Nominal diameter top (main) casing 6, Total depth of main casing 89.

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

SCREEN RECORD: screen type or open hole. Codes: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

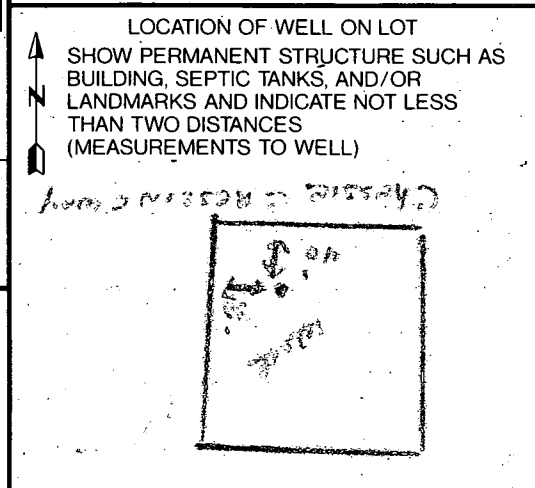
DEPTH (nearest ft.) HO 82, 249. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH).

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.), WQ (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 10 gal. per min. to nearest gal., METHOD USED TO MEASURE PUMPING RATE BUCKET, WATER LEVEL 39 BEFORE PUMPING, 76 WHEN PUMPING, TYPE OF PUMP USED (for test) S (submersible).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT (circle appropriate box and enter casing height) F (above), LAND SURFACE 2 (nearest foot).



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...

DRILLERS IDENT. NO. 934, DRILLERS SIGNATURE (Must match signature on application), SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

WPE
Ready 8/11/95 10:30 AM
Sched. 6/2/95

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
9525-N Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation Replacement _____
Receipt # _____
Date _____
Name of Installer WILLOUGHBY PLUMBING Telephone 781-7051
License Number 6992
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber
Name of Property Owner HAL C. MARKER Co. Telephone 776-9518
Subdivision CHESSIE CROSSING Lot # 2 Well Tag # HO-92-0104
Site Address 707 CHESSIE CROSSING WAY

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. submersible
2. Make JACUZZI
3. Model # _____
4. Capacity 7 GPM
5. Pump exceeds well capacity Yes _____ No
6. If yes, is low pressure cutoff switch installed? Yes _____ No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other TAPE

Motor
1. Horsepower 1/2 HP
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make HARVARD
2. Model # _____
3. Depth 4 FT.

Tank
1. Capacity 4 gal.
2. Pressure relief valve? YES

Piping
1. Type CRESTLINE
2. Size 7"
3. NSF and/or BOCA Code approved YES
4. Depth of supply line 4 FT.

Well data
1. Depth 245 ft.
2. Yield 10 GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer? NO

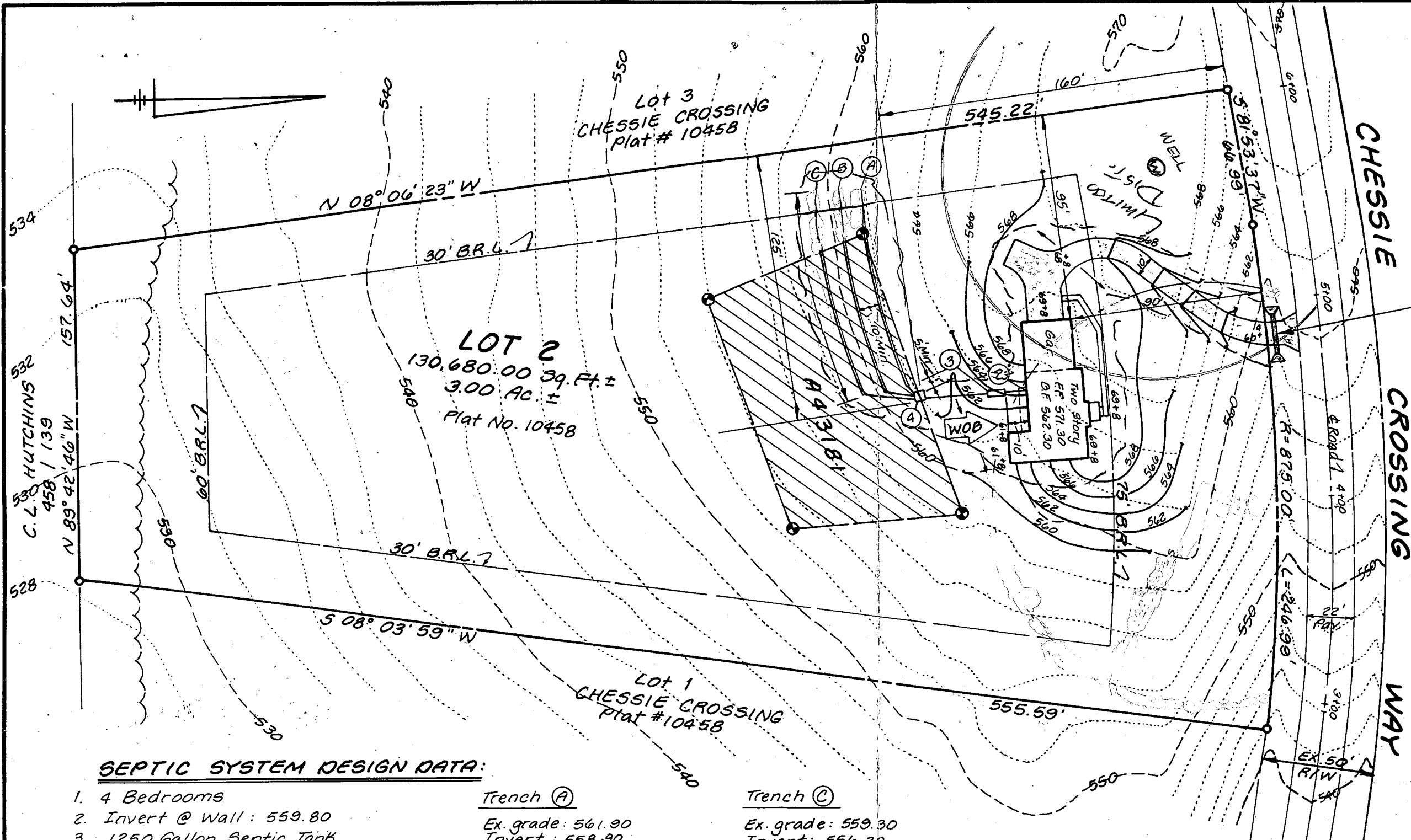
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

WPE - already covered over
Not open to the public 6/2/95 RP

Signature of Applicant: Cornel J. Willoughby
Date: 4/7/95

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



SEPTIC SYSTEM DESIGN DATA:

1. 4 Bedrooms
2. Invert @ Wall: 559.80
3. 1250 Gallon Septic Tank
Ex. grade over tank: 563.00
Fin. grade over tank: 564.00
Invert In: 559.60
Invert Out: 559.30
4. Distribution Box: 3 Outlets (Min.)
Ex. grade @ box: 562.00
Fin. grade @ box: 562.00
Invert: 559.00
5. Trench Data: 210 S.F./BR
4 BR x 210 S.F. = 840 S.F. ÷ 3.0 = 280 L.F. Trench

Trench (A)

Ex. grade: 561.90
Invert: 558.90
Bottom of trench: 556.90
Length: 95'
Width: 3'-0"

Trench (B)

Ex. grade: 560.60
Invert: 557.60
Bottom of trench: 555.60
Length: 95' Width: 3'-0"

Trench (C)

Ex. grade: 559.30
Invert: 556.30
Bottom of trench: 554.30
Length: 95'
Width: 3'-0"

LDE, INC.
8835 Columbia 100 Parkway
Unit N
Columbia, MD 21045
(410) 715-1070
(410) 715-0681 (fax)

PLOT PLAN FOR BUILDING PERMIT LOT NO. 2 - CHESSIE CROSSING 4th Election District; Howard Co., MD.		
Date: Jan. 1995	Drawn: KBW	
Scale: 1" = 50'	LDE Job No. 94-100.2	Sheet 1 of 1

CHESSIE CROSSING WAY (P&P)

LOT 45

4.0529 acres

Drilled

LOT 3

3.0000 acres

LOT 2

3.0000 acres

LOT 1

3.0000 acres

Drilled

CHESSIE CROSSING
Woodbine, MD 21799

1" = 100'

Owner: CNX Ltd. Partnership
c/o Corridor Real Estate, Inc.
5570 Sterrett Pl. Suite 201
Columbia, MD 21044
301-596-3877

*Elevation contours
correspond to site check
© plimpton-tomlinson
then may be spec detail
instructed 8/23/92*

P-87-67
10EN Downs

MILL 25
WETLANDS BUFFER
LIMITS OF WETLANDS

CHESSIE

STATION MORGAN

(MINOR - COLLECTOR)

PROPOSED R.W. DEDICATION

STATION 25

STATION 26

STATION 27

STATION 28

STATION 29

STATION 30

STATION 31

STATION 32

STATION 33

STATION 34

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STING R.W.

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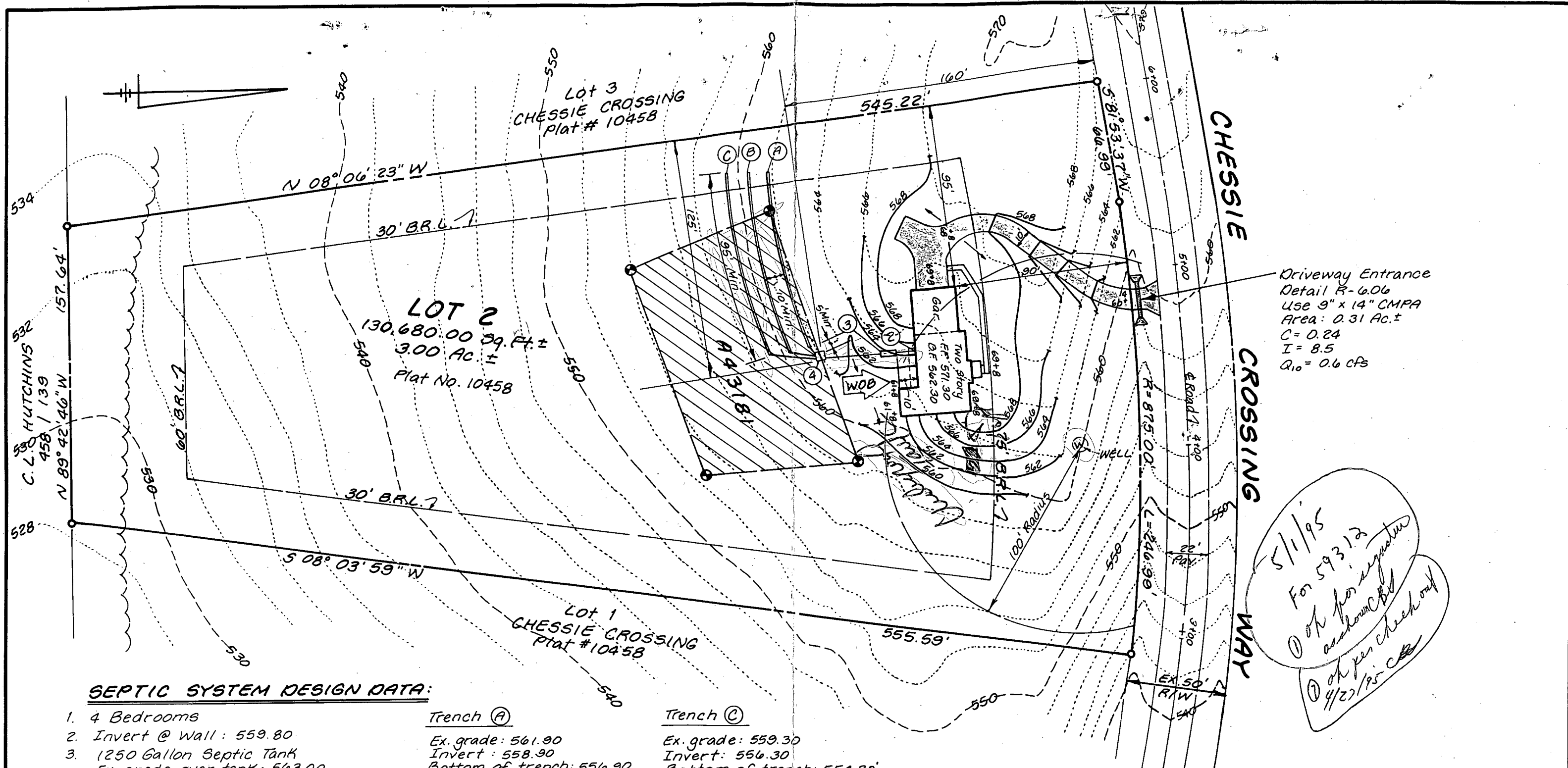
STATION 307

STATION 308

STATION 309

STATION 310

STATION 311</



Driveway Entrance
 Detail R-6.06
 Use 9" x 14" CMPA
 Area: 0.31 Ac.±
 C = 0.24
 I = 8.5
 Q₁₀ = 0.6 cfs

5/11/95
 For 59312
 OK for signature
 as shown
 OK per check out
 4/22/95

SEPTIC SYSTEM DESIGN DATA:

1. 4 Bedrooms
2. Invert @ Wall: 559.80
3. 1250 Gallon Septic Tank
 Ex. grade over tank: 563.00
 Fin. grade over tank: 564.00
 Invert In: 559.60
 Invert Out: 559.30

4. Distribution Box: 3 Outlets (Min.)
 Ex. grade @ box: 562.00
 Fin. grade @ box: 562.00
 Invert: 559.00

5. Trench Data: 210 S.F./BR
 4 BR x 210 S.F. = 840 S.F. ÷ 3.0 = 280 L.F. Trench.
 Use (3) 95 ft. long trenches

Trench (A)

Ex. grade: 561.90
 Invert: 558.90
 Bottom of trench: 556.90
 Length: 95'
 Width: 3'-0"

Trench (B)

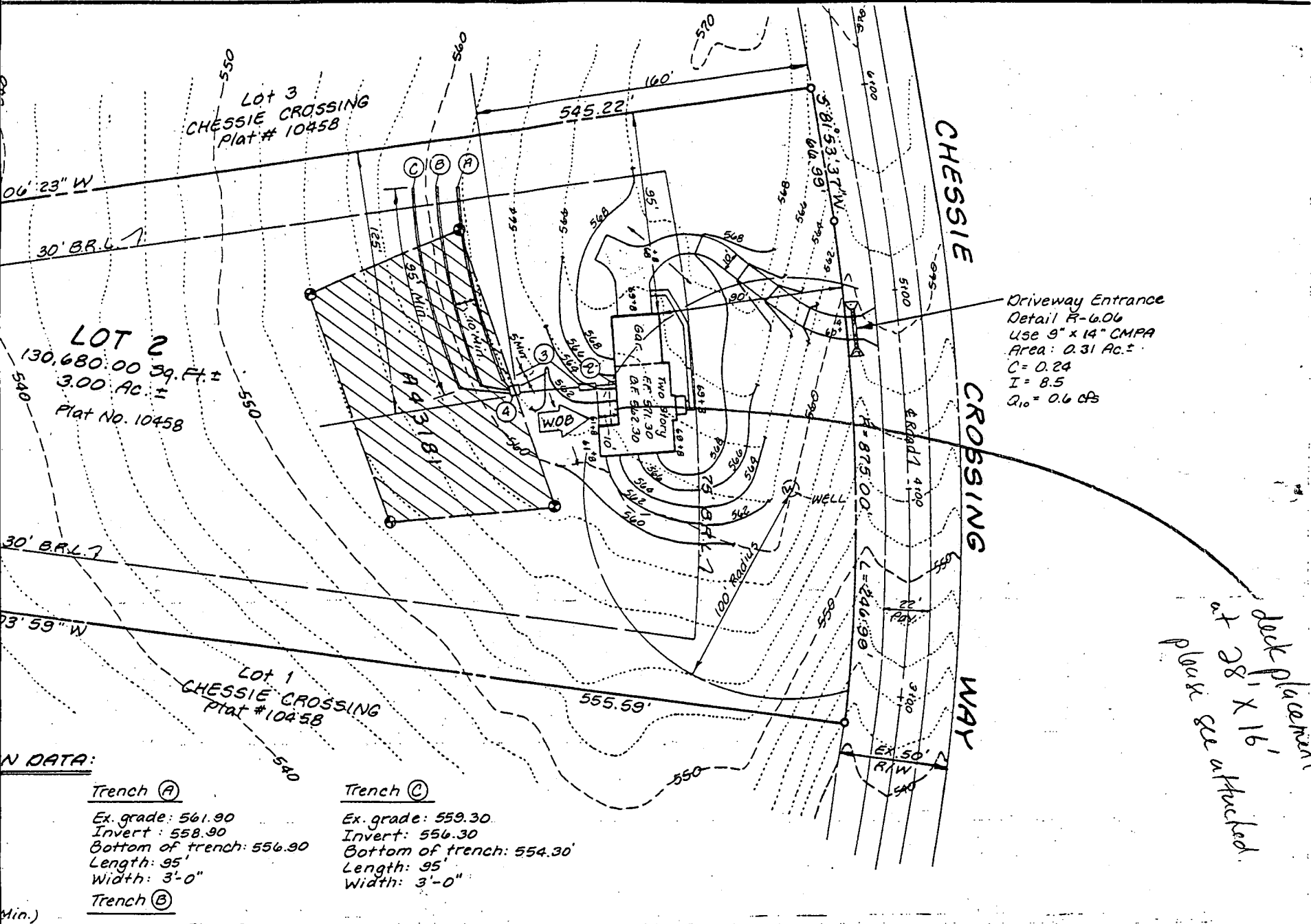
Ex. grade: 560.60
 Invert: 557.60
 Bottom of trench: 555.60
 Length: 95' Width: 3'-0"

Trench (C)

Ex. grade: 559.30
 Invert: 556.30
 Bottom of trench: 554.30
 Length: 95'
 Width: 3'-0"

LDE, INC.
 8835 Columbia 100 Parkway
 Unit N
 Columbia, MD 21045
 (410) 715-1070
 (410) 715-0681 (fax)

PLOT PLAN FOR BUILDING PERMIT		
LOT No. 2 - CHESSIE CROSSING		
4th Election District; Howard Co., MD		
Date: Jan. 1995	Drawn: KBW	
Scale: 1" = 50'	LDE Job No. 94-100.2	Sheet 1 of 1



Driveway Entrance
 Detail R-6.06
 Use 9" x 14" CMPA
 Area: 0.31 Ac.±
 C = 0.24
 I = 8.5
 Q₁₀ = 0.6 cfs

Back placement
 of 28' x 16'
 please see attached.

DATA:

Trench (A)

Ex. grade: 561.90
 Invert: 558.90
 Bottom of trench: 556.90
 Length: 95'
 Width: 3'-0"

Trench (C)

Ex. grade: 559.30
 Invert: 556.30
 Bottom of trench: 554.30
 Length: 95'
 Width: 3'-0"

Trench (B)

Ex. grade: 560.60
 Invert: 557.60
 Bottom of trench: 555.60
 Length: 95' width: 3'-0"

280 L.F Trench

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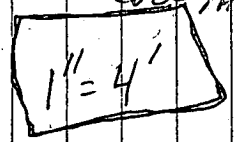
**PLOT PLAN FOR BUILDING PERMIT
 LOT No. 2 - CHESSIE CROSSING
 4th Election District; Howard Co., MD.**

Date: Jan. 1995	Drawn: KBW	
Scale: 1" = 50'	LDE Job No. 94-100.2	Sheet 1 of 7

9/22/95 SITE INSPECTION - POSTS NOT A PROBLEM, 4' CLEARANCE OVER CLEARANCE
 DIMENSIONS TO PUT TRAP DOOR OVER IT. SEE DIMENSIONS BELOW FOR SEPTIC TANK
 CLEARANCE & ALSO FROM TRAP WE WOULD ACCEPT 8' FROM C/B TO DECK
 EDGE, HELD IN 6' TO DECK OVERHANG 8' TO POST. 88

GARAGE

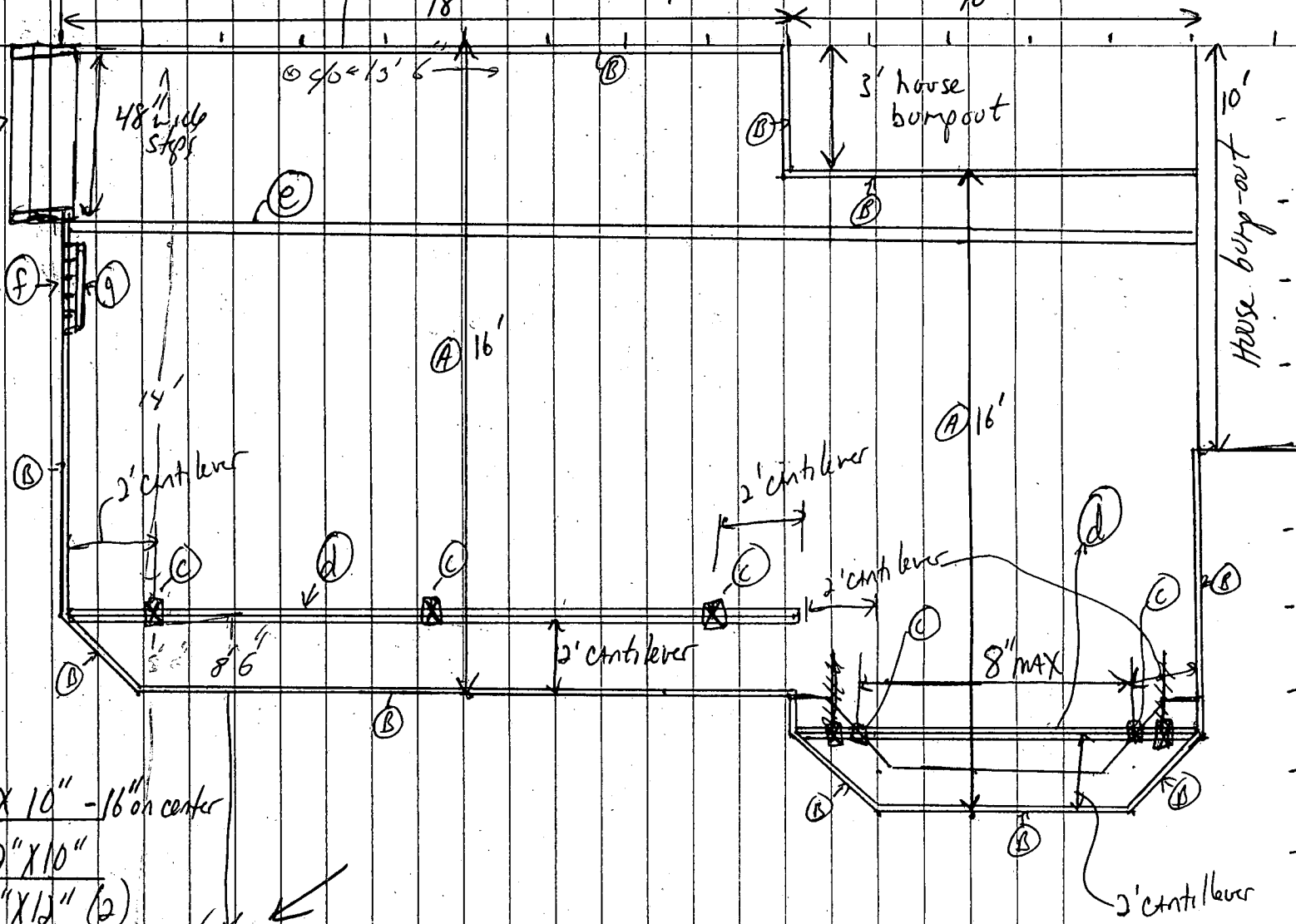
HOUSE



1/2" garage bolts staggered at 24" APART

2" x 10" stringers
 with steps at
 8" rise
 11 1/4" step
 using 4" x 4" sunken concrete
 posts as supports

steps →



- (A) posts 2" x 10" - 16" on center
- (B) headers 2" x 10"
- (C) beams 2" x 12" (2)
- (E) posts 6" x 6" max = 10" APART
- (F) decking 2" x 6" - no spacing
- (G) spindles 2" x 2" - spaced 4" max
- (H) rail 36"

Footings 6" x 6" post sunk 3' minimum in ground at least 12" x 16"
 Deck = 9' high on right, = 5' on left