

1200
1-23-98
wpc 1/23/98

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

03-322378

P 59215

A 50617-TT

DISTRICT 3rd

DATE 12-22-97

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~

410-313-2640

DATE SYSTEM APPROVED 1-23-98

INSPECTOR ALM

INDEXED

Arnold Backhoe & Septic Service

IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797

PHONE 410-795-7873

SUBDIVISION Woodford's Grant LOT 15 ROAD 11328 Barley Field Way

PROPERTY OWNER Trinity Custom Homes, Inc.

ADDRESS

BUILDING PERMIT SIGNED

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS

5-7-03 BOD 141715-Pool

NUMBER OF BEDROOMS 4

6-12-03 - BOD 142420-26 Pool

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

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 - Beginning from the intersection of the 101.53' and 168.18' lot lines, begin trenches 65 feet up the 168.18' lot line and 150 feet off that same lot line. Run trenches on contour toward the 101.53 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. OK/ML

PLANS APPROVED BY Kim Maiste/Glen Savage

REVISED DATE 10/30/97

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

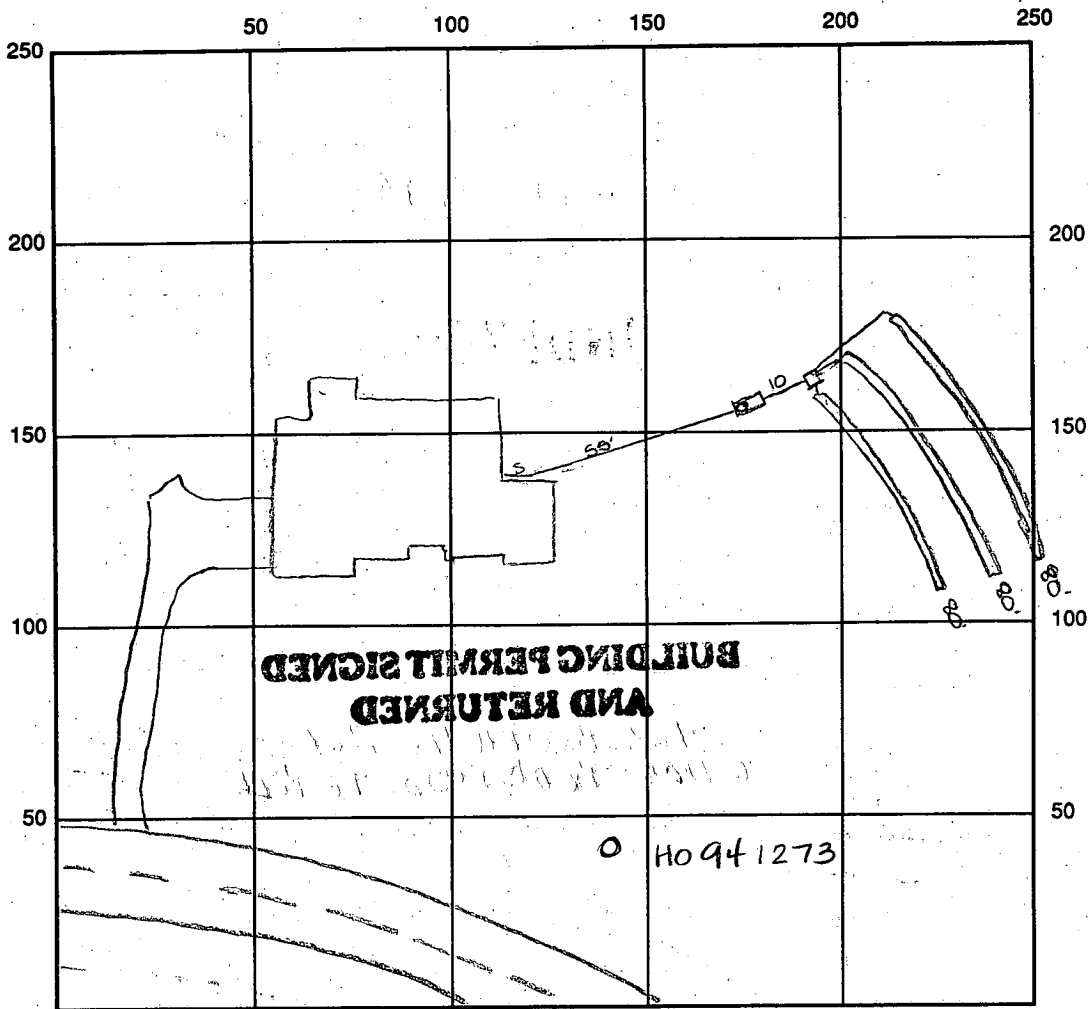
AND RETURNED

3-11-98
Seal # 110390

check with H&M

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

A 50617-TT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffle 15 in

DRAIN FIELD/TITLE DEPTH 5.0 FT. TRENCH WIDTH 30 FT. INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 720 SQ. FT. $\frac{240}{720}$

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 1/23/98 most of trenches covered due to heavy rain - ends left open. OK to cover all work final ALM

2/26/98 WPI OK to cover all

DATE SYSTEM APPROVED 1/23/98 INSPECTOR A McMullen

APPLICATION

PERCOLATION TESTING

A 50617-AA

P _____

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

DISTRICT _____

DATE 3-30-95

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 Thomas Powell *TRINITY Custom Homes, Inc*
c/o Land Design & Development, Inc.

ADDRESS 10805 Hickory Ridge Rd., Columbia 21044 PHONE (410) 740-2100

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Powell Property LOT NO. 2A 1515

ROAD AND DESCRIPTION off of Marriottsville Road, Howard County, MD

(11328 Barley Field Way)

TAX MAP 10 PARCEL # 27, 29, 151

~~OLD PERMIT SIGNED~~

~~AND RETURNED 10-30-97~~

~~Serial # 21105085~~

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. single family home - 4 Br
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. M. S. K.
(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 _____

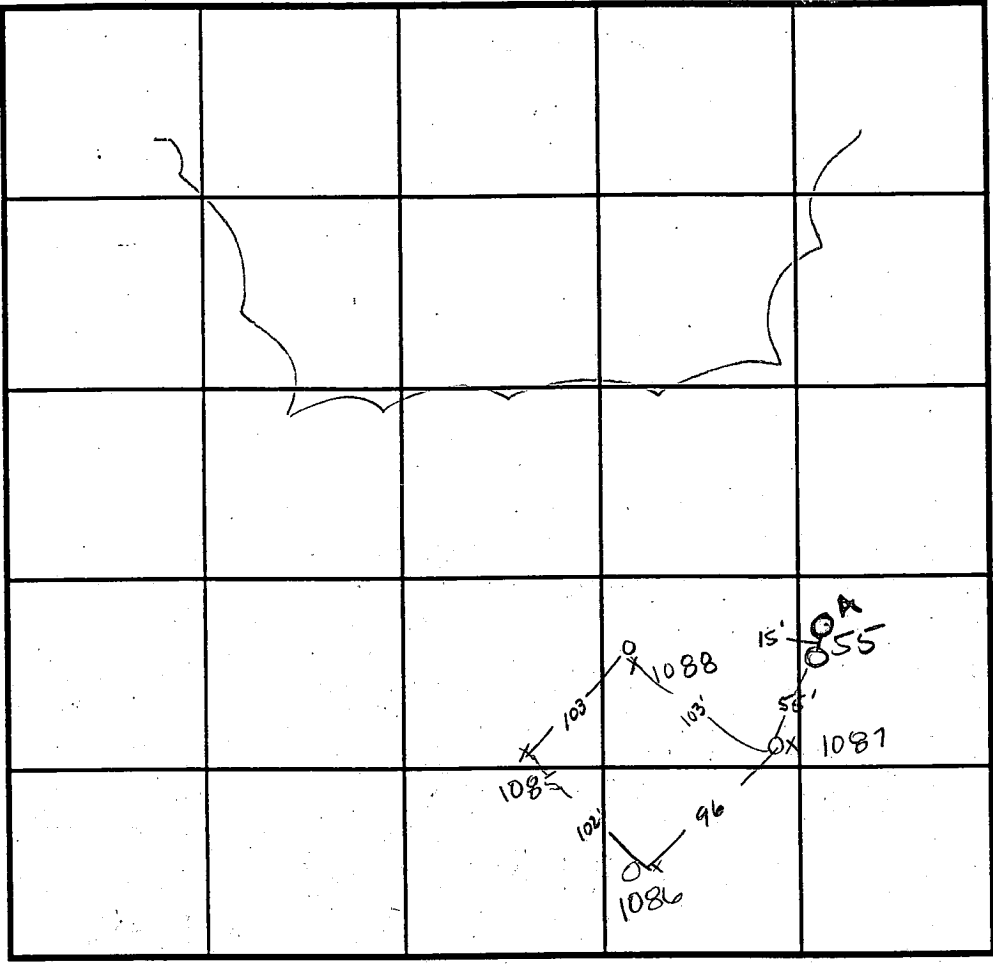
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

1086 SOIL PROFILE
0' 1088

0' brn SL
1.5' brn Si SL mica
7.5' lgt tan grey SL a lot of mica <50% Saprolite
12'



SOIL PROFILE 55
0' lgt tan Si SL
2' lgt brn orange Salm micaceous Saprolite 20%
10'

(A)
Hard bottom at 6.5' Fail

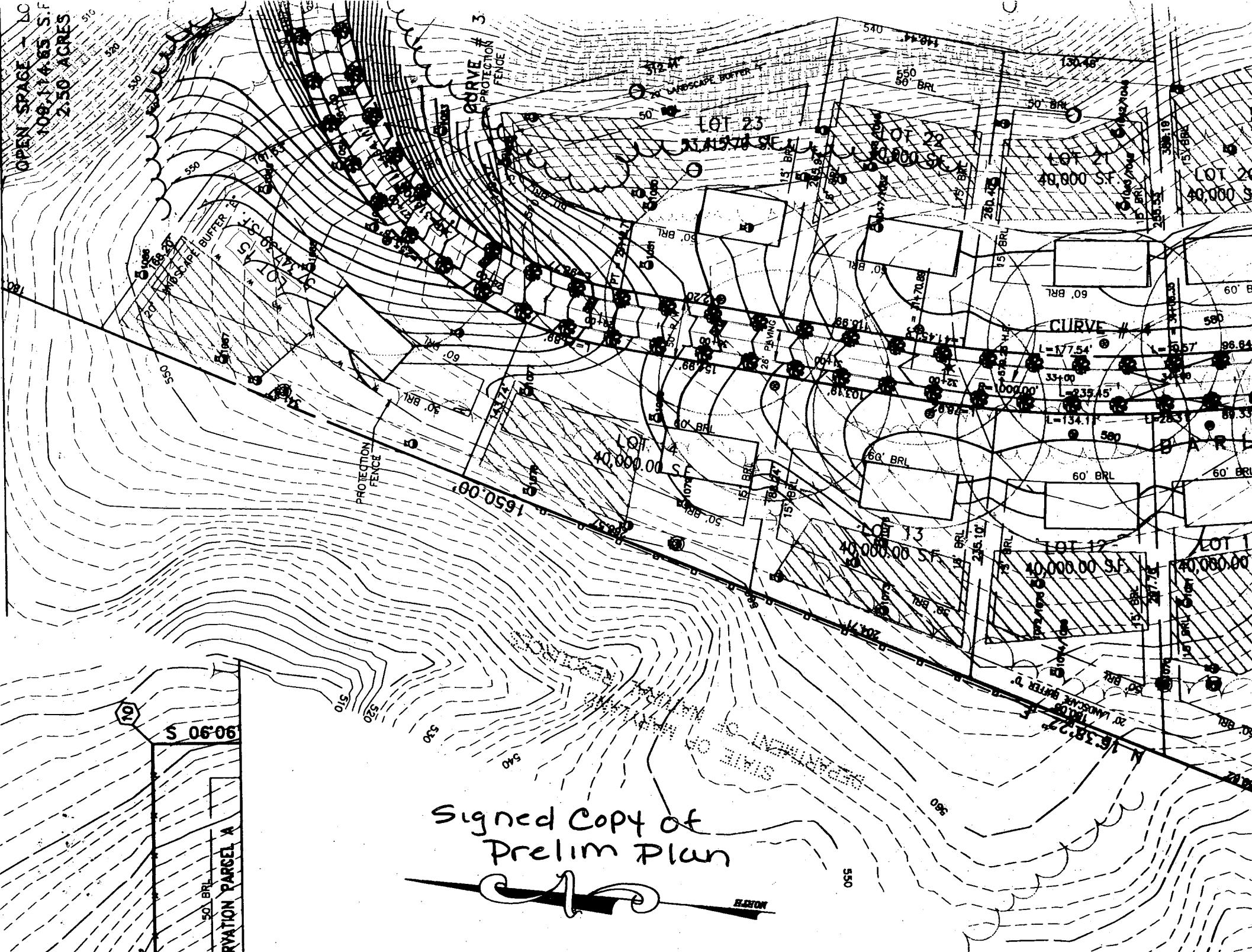
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

1087
same as 1088 but large chunks of rock 5"-6" in size very few <1%
11'

1085
3' brn SL
greyish brn mica 5-10% Saprolite Shale
12'

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|---------|----------|---------------|---------------------|---------------------|---------------------|--------------------|-----------|
| | | | START | STOP | START | STOP | |
| 12-1-94 | 1088 | 8' V12 | 5:35 ⁴⁵ | 5:36 | 5:36 | 5:36 ³⁰ | 30sec |
| | 1088 | repour | 5:38 ³⁰ | 5:39 | 5:39 | 5:40 | 1min |
| | 1088 | 3.5' V12 | 5:40 ⁴⁵ | 5:41 | 5:41 | 5:41 ³⁰ | 30sec |
| | 1088 | repour | 5:42 ¹⁵ | 5:42 ⁴⁵ | 5:42 ⁴⁵ | 5:43 ⁴⁵ | 1min |
| | 1087 | 3' VII' | 5:47 ⁴⁰ | 5:48 | 5:48 | 5:48 ³⁰ | 30sec |
| | 1087 | repour | 5:49 ³⁰ | 5:50 ³⁰ | 5:50 ³⁰ | 5:51 ³⁰ | 1min |
| | 1086 | 3' VII' | 5:58 | 5:59 | 5:59 | 6:00 | 1min |
| | 1086 | repour | 6:00 ³⁰ | 6:02 | 6:02 | 6:04 | 2min |
| | 1085 | Visual to 12' | | | | | OK |
| 7-17-95 | 55 | 3' V10 | 11:33 ³⁰ | 11:34 ³⁰ | 11:34 ³⁰ | 11:36 | 1 1/2 min |

REMARKS _____
TYPE OF SOIL _____
TESTED BY Amy McMillen ALSO PRESENT Olan Ketterman
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2min TRENCH WIDTH 3'
INLET DEPTH 3 MAXIMUM BOTTOM DEPTH 5' SQ. FT./BEDROOM 180 ft²



OPEN SPACE - DC
109,174.83 S.F.
2.50 ACRES

CURVE # 3
PROTECTION FENCE

LOT 23
40,000 SF

LOT 2
40,000 SF

LOT 2
40,000 SF

LOT 12
40,000 SF

LOT 13
40,000 SF

LOT 12
40,000 SF

LOT 1
40,000 SF

Signed Copy of
Prelim Plan



0606 S
50' BRL
RESERVATION PARCEL A

ELTON

B 1 3054

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

40-94-1273

please print or type

fill in this form completely

Date Received (APA)

082297

OWNER INFORMATION

TRINITY Homes, 6212 DEWON DRIVE, COLUMBIA MD 21044

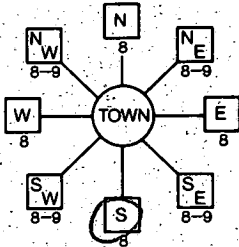
LOCATION OF WELL

46 W & RD, WOODFORD COUNTY, SECTION 44, LOT 15, MARKTOWN, 3 MILES FROM TOWN

DRILLER INFORMATION

Perry Hanley, HANLEY DRILLING & PUMPS, Box 160 WALKERSVILLE, MD 21793, 8-20-97

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



BARLEY Field way

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST, EAST, SOUTH. DISTANCE FROM ROAD 35 FT.

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 3, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) [D]
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [F]
INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) [I]
PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) [P]
TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT) [T]

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO, A50617TT, DATE ISSUED 090897, A McMillen 9/8/98, NORTH GRID 545000, EAST GRID 0827000

APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED, AIR-ROTARY, AIR-Percussion, ROTARY (Hydraulic Rotary), CABLE, REVerse-ROTARY, Drive-POINT

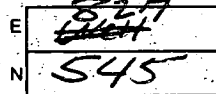
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL [N]
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED [Y]
THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS [S]
THIS WELL WILL DEEPEM AN EXISTING WELL [D]
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

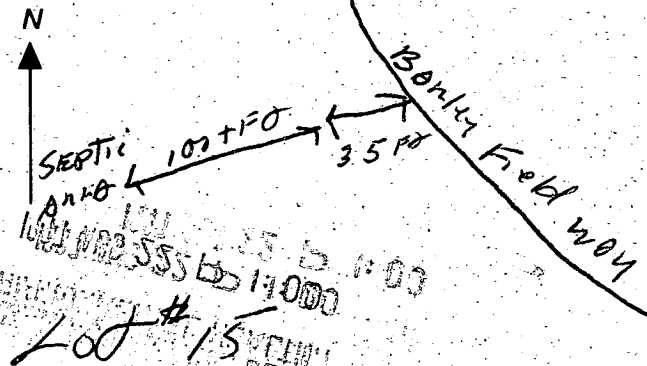
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP, FORCE AM, PERMIT No. 40-94-1273

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

C1 9581 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

COUNTY NUMBER A50617TT PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1073

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

DATE RECEIVED

DATE WELL COMPLETED 10/09/11

DEPTH OF WELL 350 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-1073

OWNER Trinity Homes STREET OR RFD Barclay Field Way TOWN Marriottsville SUBDIVISION Woodforths Grant SECTION LOT 15

WELL LOG Not required for driven wells

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Mic θ, Blue rock, and GWT note.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N)

TYPE OF GROUTING MATERIAL (C) (M) (B) (C) CEMENT BENTONITE CLAY NO. OF BAGS 8 NO. OF POUNDS 48 152

CASING RECORD (S) (T) (C) (O) (P) (L) (O) (T) STEEL CONCRETE PLASTIC OTHER

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

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

SCREEN RECORD (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER 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...

TYPE: MWD(MSD/MGD) DRILLERS LIC. NO. 143

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO.

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

DEPTH (nearest ft.) table with columns for depth intervals (8-9, 11-15, 17-21, 23-24, 26-30, 32-36, 38-39, 41-45, 47-51) and rows for casing sections.

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 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

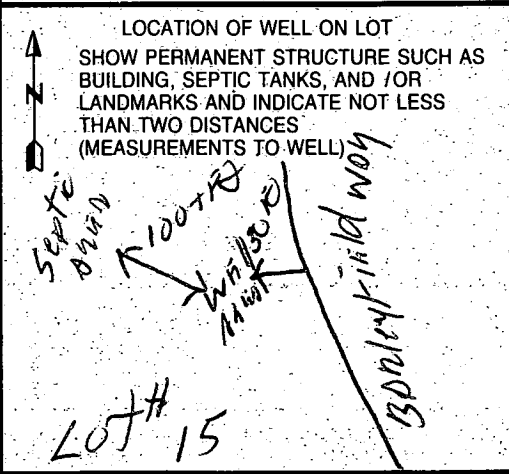
C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 4.2 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 111 ft. WHEN PUMPING 225 ft. TYPE OF PUMP USED (for test) S submersible

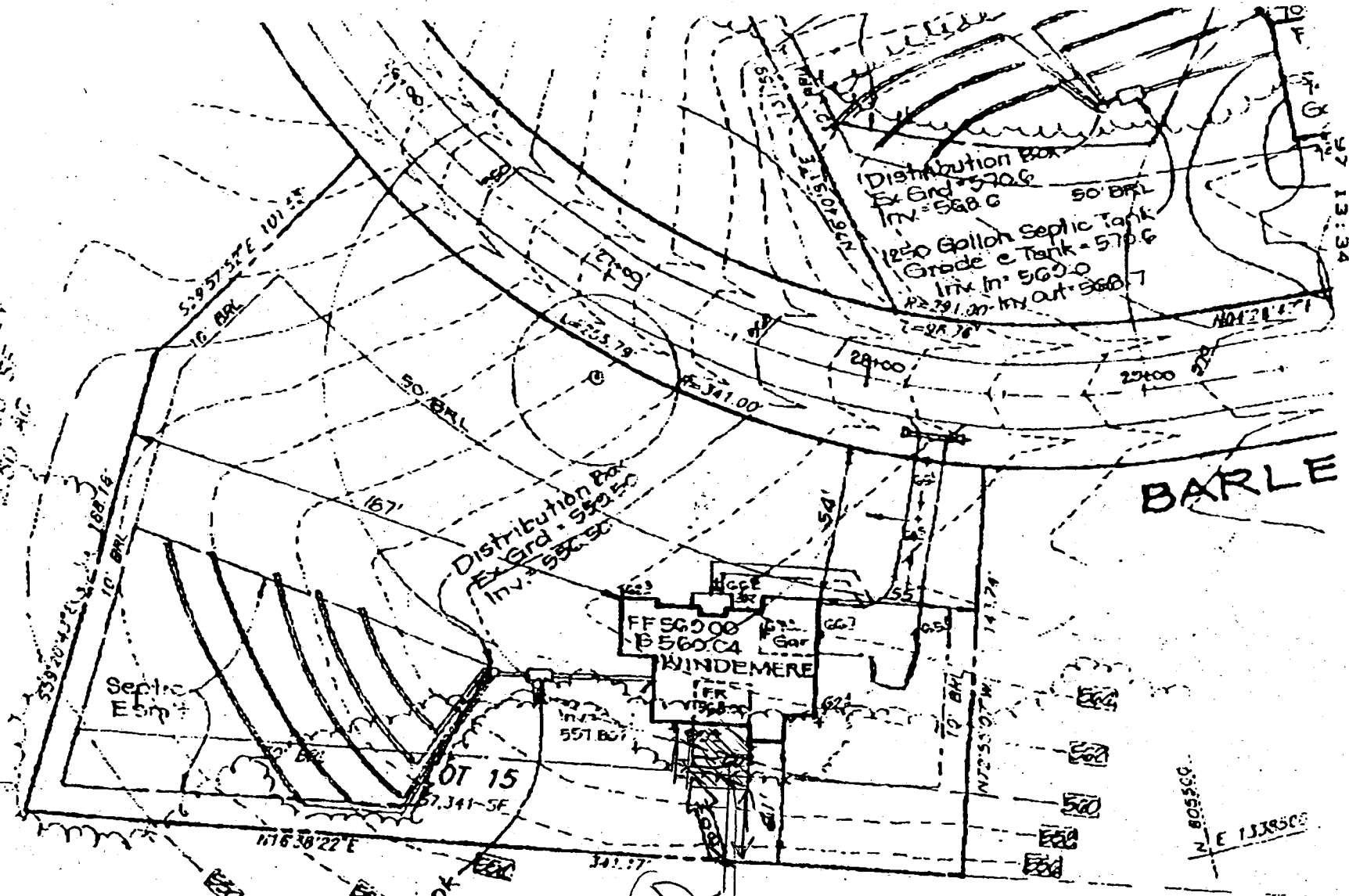
PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO)

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) (+) above LAND SURFACE (-) below (nearest foot)



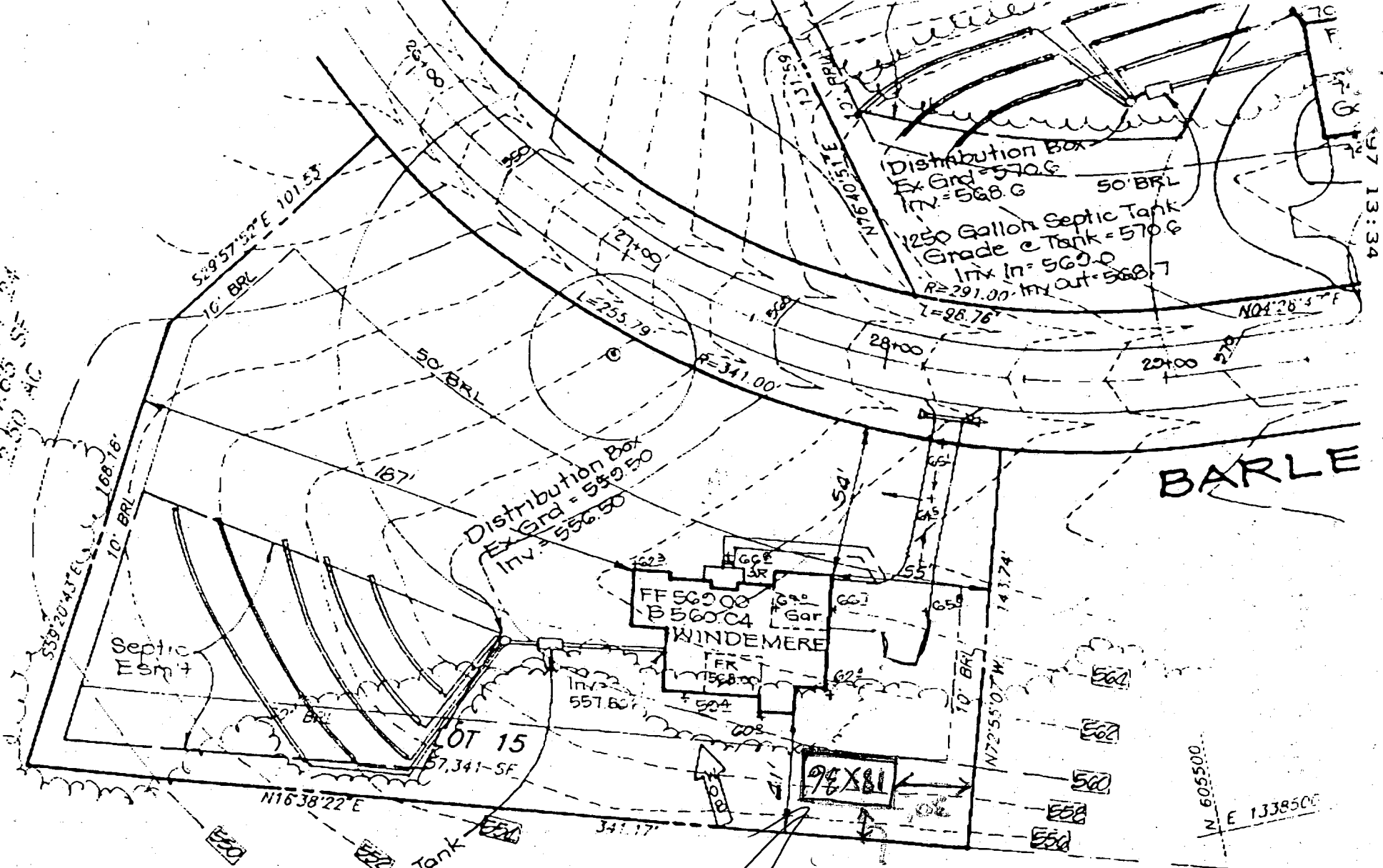
03/03/1998 14:29 0410 785 5764



1250 Gallon Septic Tank
 Grd. = 557.0
 Inv. Out = 556.7

3/1/98
 proposed deck 20' x 20'
 location as shown
 as shown
 25ft to near property line

FOR SPACE LOT 15
45' x 65' SF
2,325 AC



1250 Gallon Septic Tank
 Grd. e Tank = 557.0
 Inv In = 557.0
 Inv. Out = 556.7

1250 Gallon Septic Tank
 Grade e Tank = 570.6
 Inv In = 569.0
 Inv. Out = 568.7

5/2/03
 HRL

part OK
 w/s AS shown

Building Address 11328 barley field way
 Suite/Apt. #: _____ SDP/WP/Petition #: _____
 Census Tract 10-200 Subdivision 11328 barley field way
 Section _____ Area _____ Lot 15
 Tax Map 10 Parcel 37 Grid 11
 Zoning R1 Map Coordinates 9K11 Lot size _____

Property Owner's Name Mike...
 Address 11328 Barley Field Way
 City Plantersville State MD Zip Code 21109
 Home Phone _____ Work Phone _____
 Applicant's Name & Mailing Address, (if other than stated hereon):
Elite Pools / George C. Goulet
3525 F. Tower Rd.
Baltimore, MD 21231
 Phone 410-525-2796 Fax 410-525-2797

Existing Use Pool
 Proposed Use Pool
 Estimated Construction Cost \$ 15,000
 Description of Work Swimming pool (in yard)
pool 70' x 40'

Contractor Company Elite Pools
 Contact Person George C. Goulet
 Address 3525 F. Tower Rd
 City Baltimore State MD Zip Code 21231
 License No. 10113
 Phone 410-525-2796 Fax 410-525-2797

Occupant or Tenant _____
 Contact Name _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

Engineer or Architect Company _____
 Contact Person _____
 Address _____
 City _____ State _____ Zip Code _____
 Phone _____ Fax _____

BUILDING DESCRIPTION - COMMERCIAL

| Building Characteristics | Utilities |
|--|--|
| Height: _____ No. of stories: _____ Gross area, sq. ft. per floor: _____ Use group: _____ Construction type: <input type="checkbox"/> Reinforced Concrete <input type="checkbox"/> Structural Steel <input type="checkbox"/> Masonry <input type="checkbox"/> Wood Frame <input type="checkbox"/> State Certified Modular | Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> Full <input type="checkbox"/> Partial <input type="checkbox"/> Other Suppression # of Heads _____ |

BUILDING DESCRIPTION - RESIDENTIAL

| Building Characteristics | Utilities |
|---|---|
| SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____ 1st floor: _____ 2nd floor: _____ Basement: _____ Finished Basement <input type="checkbox"/> Unfinished Basement <input type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input type="checkbox"/> No. of Bedrooms _____ Multi-family dwellings: No. of efficiency units: _____ No. of 1 BR units: _____ No. of 2 BR units: _____ No. of 3 BR units: _____ Other Structure: _____ Dimensions: _____ Footings: _____ Roof: _____ <input type="checkbox"/> State Certified Modular <input type="checkbox"/> Manufactured Home | Water Supply: <input type="checkbox"/> Public <input type="checkbox"/> Private Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input type="checkbox"/> Heating System: Electric <input type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/> Sprinkler system: N/A <input type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R <input type="checkbox"/> Other: _____ |

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERE TO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

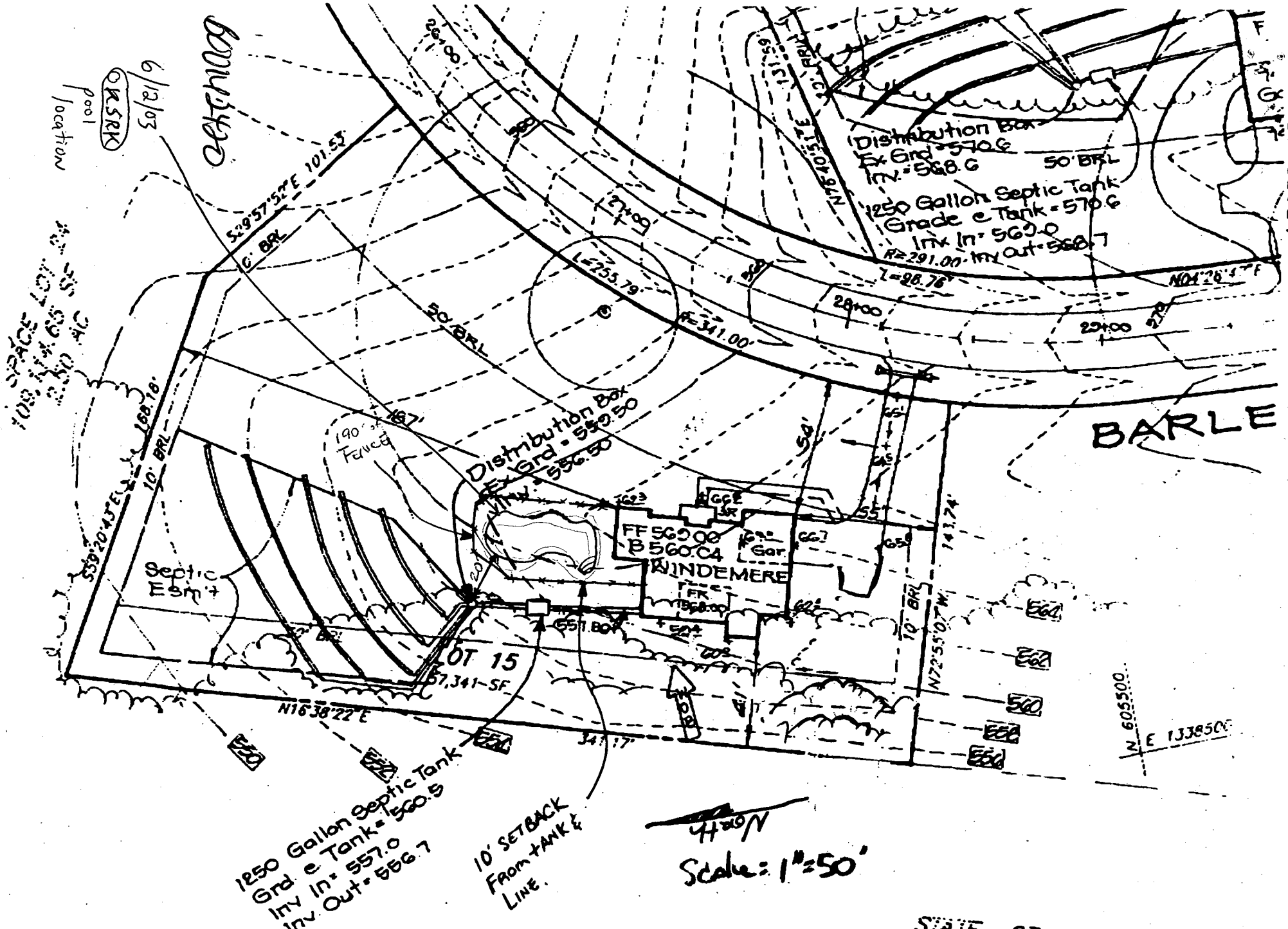
George C. Goulet
 Applicant's Signature

George C. Goulet
 Print Name

Title/Company
HR 5/2/03

Date

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
 ** PLEASE WRITE NEATLY AND LEGIBLY **
FOR OFFICE USE ONLY



1250 Gallon Septic Tank
 Grd. e Tank = 570.6
 Inv. In = 560.0
 Inv. Out = 568.7

10' SETBACK
 FROM TANK &
 LINE.

4/20/11
 Scale: 1" = 50'