

12/23/99
Septic C.O.
10:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 512768

A 50368-Z

DISTRICT _____

DATE 10/15/99

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 12/23/99

INSPECTOR *R. Pinkley*

Walter King Plumbing & Heating IS PERMITTED TO INSTALL ☒ ALTER _____

ADDRESS 5305 King's Court, Frederick, MD 21703 PHONE 301-831-4070

SUBDIVISION Riggs Meadows LOT 29 ROAD 1913 Sycamore Spring Court

PROPERTY OWNER Ryan Homes

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 2.5 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 180 feet from the front (152.05') lot line and 10 feet off the left (382.66') lot line as viewed from Sycamore Spring Court. Install trenches on contour toward the right 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. ON 9/7/99 SRW

PLANS APPROVED BY Ronald J. Pinkley DATE 8/03/1999

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

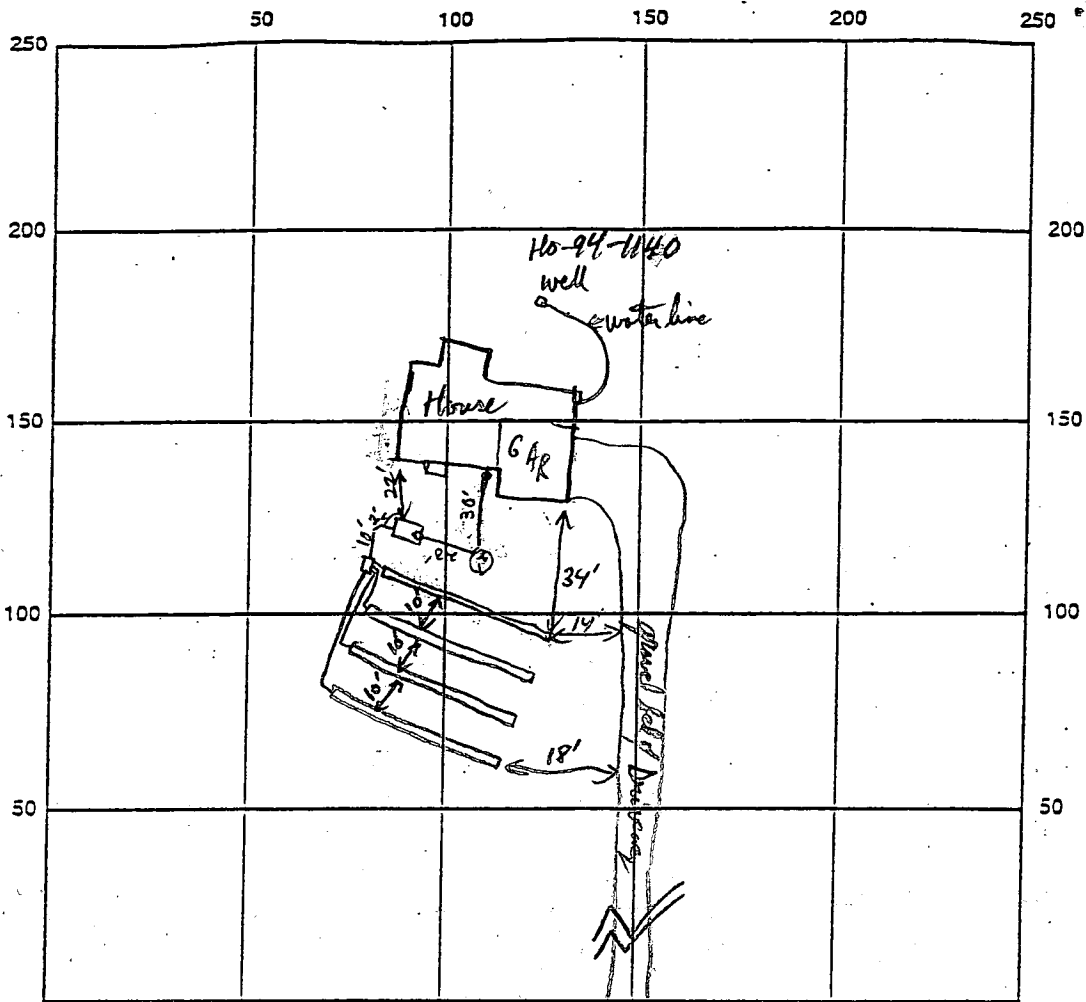
PERMIT VOID AFTER TWO YEARS

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

A50368Z



SEPTIC TANK LEVEL 1250 ash mid second CLEANOUTS HSE + S.T.

DISTRIBUTION BOX LEVEL water level, using automatic levelers OK

DRAIN FIELD/TITLE DEPTH 4 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 1 1/2 3 1/4 60/60/60 FT. 60 = 240

NUMBER OF TRENCHES 4 ~~ONE SIDEWALL~~ BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS: all Feeder lines all gravel supported. Hse Connection, Supply line, Septic Tank and
all 4 trenches OK to Cover Septic System 12/23/99

WPF - pitless adapter OK @ 3 1/2 ft - 2 pvc caps + PVC conduit pipe OK 12/23/99

DATE SYSTEM APPROVED 12/23/99 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 503682

P _____

DISTRICT CH

DATE 10/24/94

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

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 Amelia Riggs c/o SDC Group Inc. RYAN HIME

ADDRESS 8480 Balt. Nat. Pk. Suite 417 PHONE 465-6105
P.O. Box 417 Ellicott City Md 21043

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Riggs Property LOT NO. 29

ROAD AND DESCRIPTION Located @ SW Corner of the intersection of Roxbury

Mill Road (Rte 97) & Frederick Road (Rte 144) ALL PERMIT SIGNED

TAX MAP 8 & 14 PARCEL # 96 AND RETURNED 8-31-99
Serial # B10119713

SIZE OF LOT _____ TYPE BLDG. SFD - 4 Bmn
(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. Juanita De Maderia V.P.
(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 #

SOIL PROFILE

0' 484 908

brown
orange
clay
loam

3.5'

orange
Salm
20%
rock
frag

11'

473 472

orange
red/bm
clm
100%
frag

4'

rock 1 qt
40% red
rock brn
frag silm

5.5'

red brn
w yellow
spatches

7'

darker
red
silm
100% frag

11'

455

bright
orange
Salm

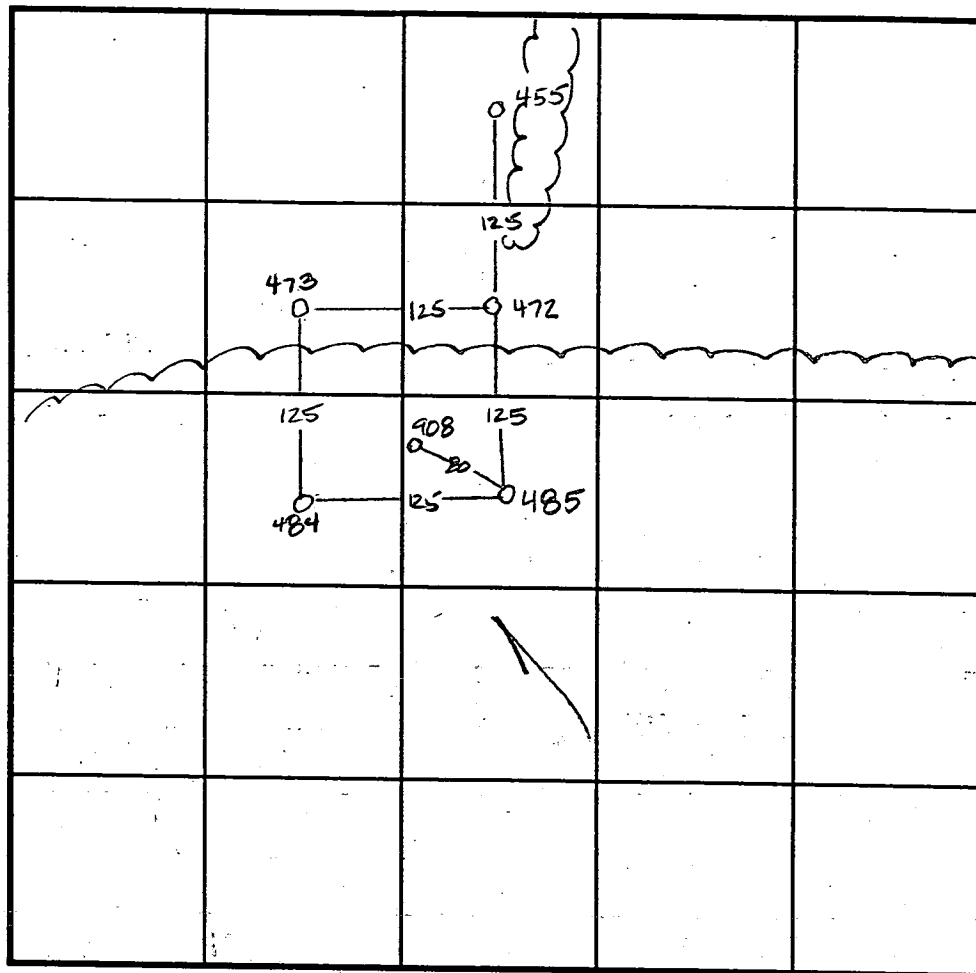
3'

50% frag
orange
silm

7'

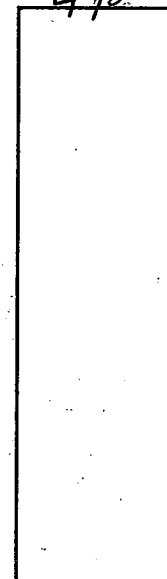
red brn
silm
w few
rocks

11'



SOIL PROFILE

0' 472



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-10-94	484	3.5 v11.0	5:41 ³⁰	5:42	5:42	5:43 ³⁰	1 1/2 min
11-15-94	473	4.5 v11.0	5:34 ⁴⁵	5:36 ³⁰	5:36 ³⁰	5:38 ³⁰	2 min
	455	3.5 v11	5:42	5:43 ³⁰	5:43 ³⁰	5:46 ³⁰	3 min
	472	Visual	to 12.0	- see	profile	—	OK
	485	Refusal at	9' -	> 50% rock	-	F	
4-25-95	908	Visual	to 12.0	- see	profile	OK	

REMARKS

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

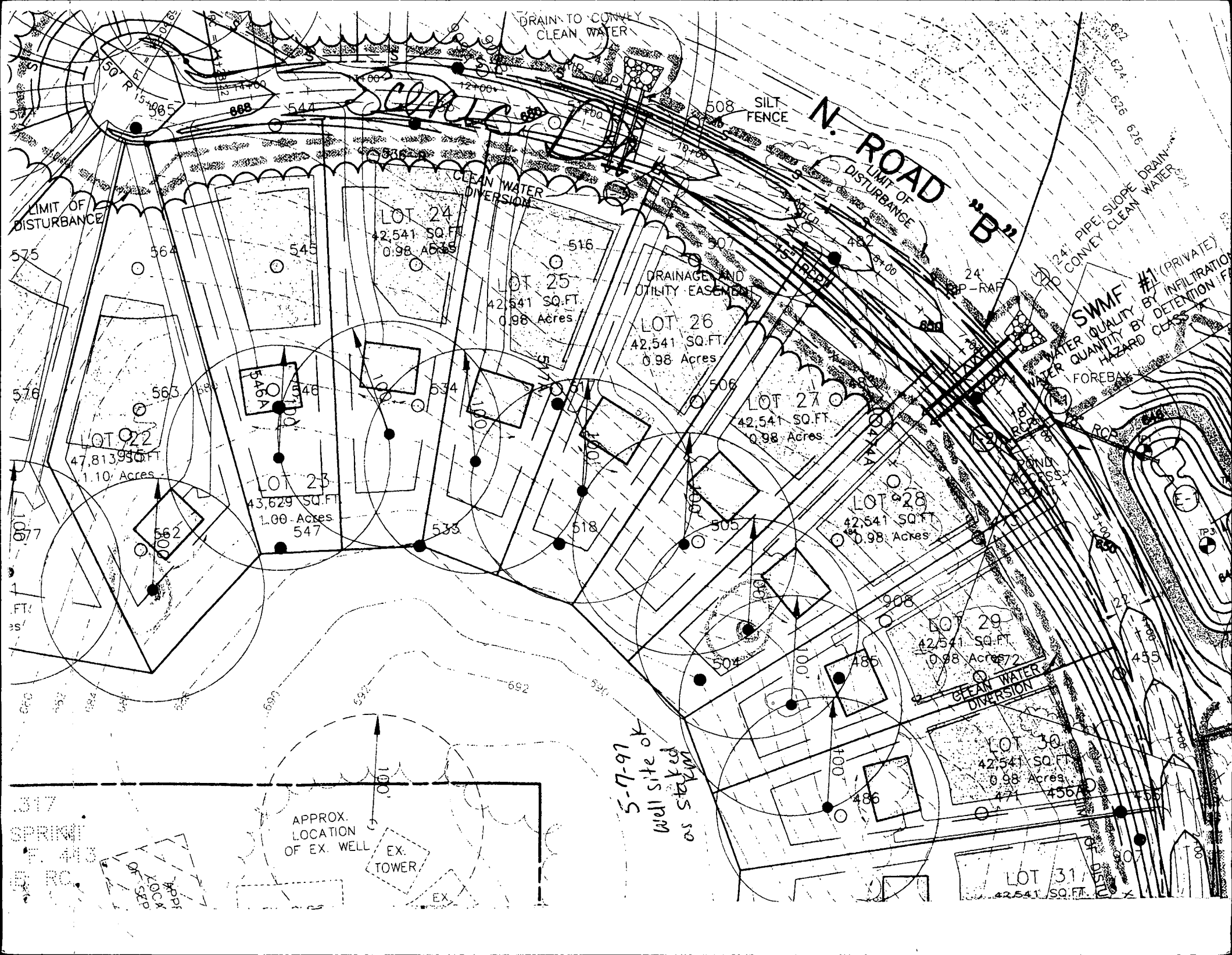
INLET DEPTH

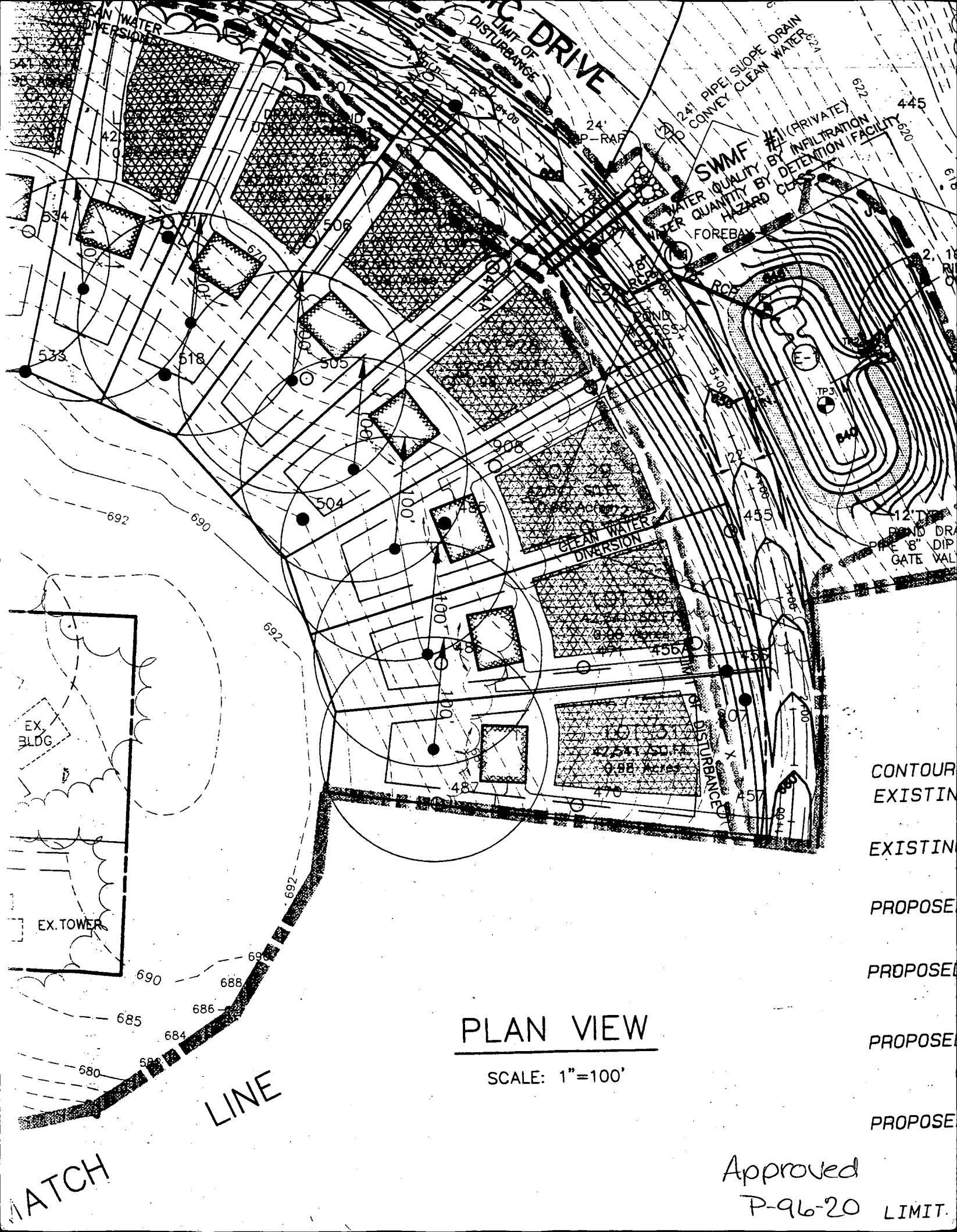
MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

C 1 6042		SEQUENCE NO. (MDE USE ONLY)		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.			
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)						COUNTY NUMBER			
ST/CO USE ONLY DATE Received MM DD YY 8 13		DATE WELL COMPLETED MM DD YY 5 16 97		Depth of Well 22 305 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" HO - 94 - 1140 28 29 30 31 32 33 34 35 36 37			
OWNER last name first name SDC Scenic Drive		TOWN Cooksville		SECTION 29		LOT 29			
STREET OR RFD Riggs Property		SUBDIVISION		SECTION		LOT			
WELL LOG Not required for driven wells		STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT <input checked="" type="checkbox"/> CM BENTONITE CLAY <input checked="" type="checkbox"/> BC NO. OF BAGS 16 NO. OF POUNDS 1504 GALLONS OF WATER 96 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 55 ft. (enter 0 if from surface)		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 5 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 71 ft. WHEN PUMPING 224 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible			
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO		check if water bearing		C 2 DEPTH (nearest ft.) 1 2 E 1 HO 59 305 A 8 9 11 15 17 21 C 2 23 24 26 30 32 36 S 3 38 39 41 45 47 51 R 38 39 41 45 47 51 E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		C 2 PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above LAND SURFACE - below 1 (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) Scenic Dr.	
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED yes Y no N		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 LIC. NO. 1 MSD 024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M D		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)									

B 1	7465	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">H0-94-1140</div> <small>fill in this form completely</small>
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>				
Date Received (APA) <div style="border: 1px solid black; padding: 2px; display: inline-block;">033197</div>		OWNER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block;">SUC</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">15</div> Last Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">Pc</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">34</div> First Name <div style="border: 1px solid black; padding: 2px; display: inline-block;">Box 417</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">36</div> Street or RFD <div style="border: 1px solid black; padding: 2px; display: inline-block;">ELAICOTH</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">55</div> City <div style="border: 1px solid black; padding: 2px; display: inline-block;">CITYMD</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">57</div> Town <div style="border: 1px solid black; padding: 2px; display: inline-block;">70 State 72</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">76</div> Zip <div style="border: 1px solid black; padding: 2px; display: inline-block;">21041</div>		
DRILLER INFORMATION <div style="border: 1px solid black; padding: 2px; display: inline-block;">Joseph L. Mayre</div>		CIRCLE: MSD/MGD/MWD <div style="border: 1px solid black; padding: 2px; display: inline-block;">0249</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">77</div> License No. 80 <div style="border: 1px solid black; padding: 2px; display: inline-block;">Joseph L. Mayre Well Drilling</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">5512 Ridge Rd. Mt. Airy Md. 21771</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Address</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Joseph L. Mayre</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">Date</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">3/31/97</div>		
B 2 WELL INFORMATION				
APPROX. PUMPING RATE (GAL. PER MIN.) <div style="border: 1px solid black; padding: 2px; display: inline-block;">5</div>				
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <div style="border: 1px solid black; padding: 2px; display: inline-block;">500</div>				
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)				
APPROXIMATE DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">260</div> FEET				
APPROXIMATE DIAMETER OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div> INCH				
METHOD OF DRILLING (circle one) <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> Drive-POINT other _____				
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <div style="border: 1px solid black; padding: 2px; display: inline-block;">41</div>				
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER <div style="border: 1px solid black; padding: 2px; display: inline-block;">54</div>				
FORCE <div style="border: 1px solid black; padding: 2px; display: inline-block;">LM</div> WRITE INITIALS IN BOX PERMIT No. <div style="border: 1px solid black; padding: 2px; display: inline-block;">H0-94-1140</div>				
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>				
B 3 LOCATION OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">8 COUNTY</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">HOWARD</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">23 SUBDIVISION</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">RIGGS PROPERTY</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">SECTION</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">44</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">LOT</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">29</div>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">52 NEAREST TOWN</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">COOKSVILLE</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">71</div>		
MILES FROM TOWN (enter 0 if in town) <div style="border: 1px solid black; padding: 2px; display: inline-block;">1</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">73</div>		
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		NEAR WHAT ROAD <div style="border: 1px solid black; padding: 2px; display: inline-block;">SCENIC DR.</div>		
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <div style="border: 1px solid black; padding: 2px; display: inline-block;">34</div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;">37</div>		
DISTANCE FROM ROAD <div style="border: 1px solid black; padding: 2px; display: inline-block;">230</div>		ENTER FT OR MI <div style="border: 1px solid black; padding: 2px; display: inline-block;">FT</div>		
TAX MAP: _____ BLK: _____ PARCEL: _____		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <div style="border: 1px solid black; padding: 2px; display: inline-block;">Howard</div>		
COUNTY NAME <div style="border: 1px solid black; padding: 2px; display: inline-block;">Howard</div>		COUNTY NO. <div style="border: 1px solid black; padding: 2px; display: inline-block;">13</div>		
STATE SIGNATURE <div style="border: 1px solid black; padding: 2px; display: inline-block;">Kimberly Maisto</div>		INSERT S <div style="border: 1px solid black; padding: 2px; display: inline-block;">41</div>		
DATE ISSUED <div style="border: 1px solid black; padding: 2px; display: inline-block;">050997</div>		EXP. DATE <div style="border: 1px solid black; padding: 2px; display: inline-block;">5/9/98</div>		
NORTH GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">542000</div>		EAST GRID <div style="border: 1px solid black; padding: 2px; display: inline-block;">0792000</div>		
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 <div style="border: 1px solid black; padding: 2px; display: inline-block;">7902</div>				
<div style="border: 1px solid black; padding: 2px; display: inline-block;">53042</div>				
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION <div style="border: 1px solid black; padding: 2px; display: inline-block;">5/16/97</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">9:30 GROUT</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">COOKSVILLE</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">SCENIC DR.</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">Sycamore Spring</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">CAMPADWEE CT</div> <div style="border: 1px solid black; padding: 2px; display: inline-block;">MO 97</div>				
COUNTY				






PLAN VIEW

SCALE: 1"=100'

CONTOUR
EXISTING
EXISTING
PROPOSED
PROPOSED
PROPOSED
PROPOSED

Approved
P-96-20 LIMIT.

NOTES

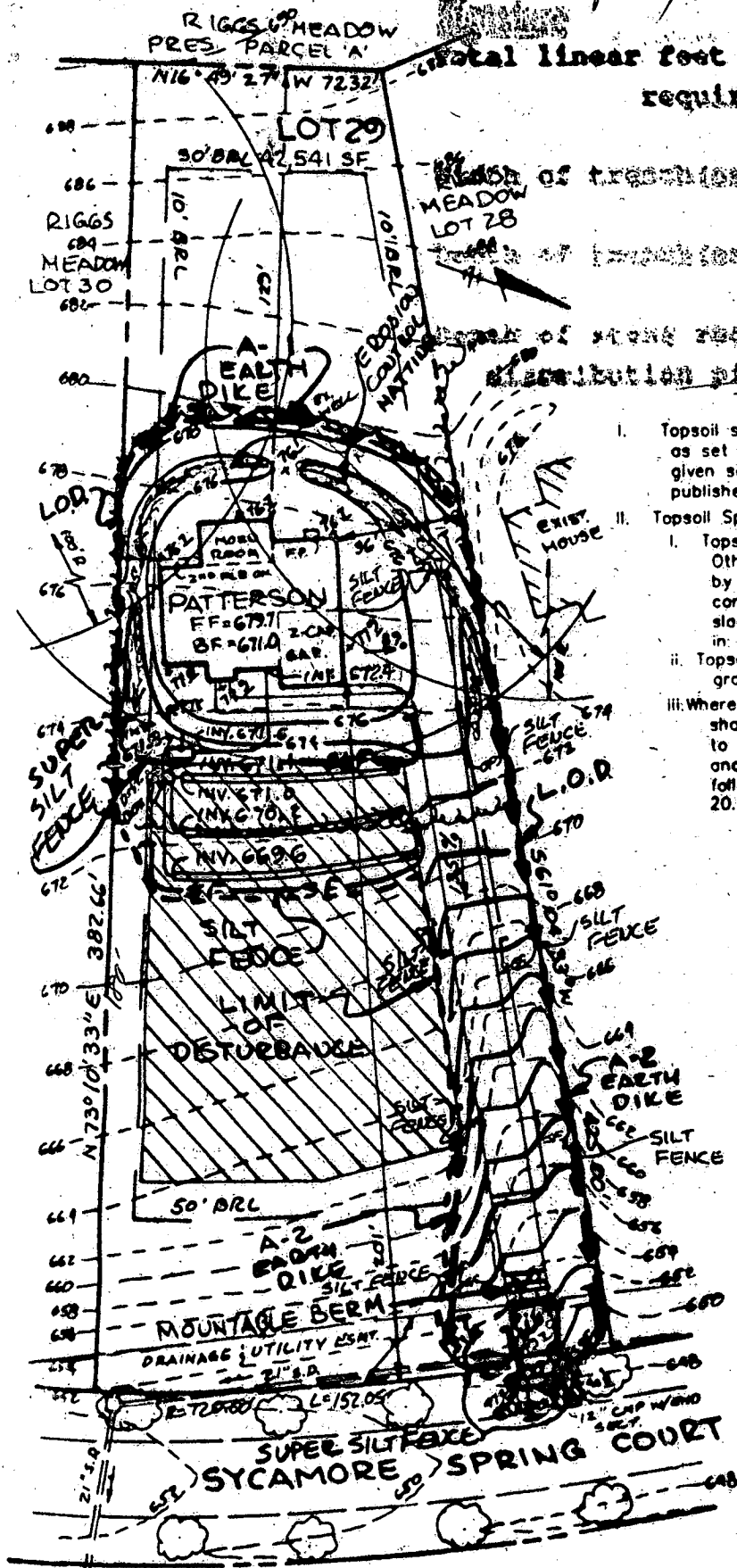
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID WHEN CONSTRUCTION OF A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE RIGHT TO GRANT OR DENY VARIANCES, FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM F-97-41 WHICH WAS PREPARED BY TSA GROUP, INC.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

Approved Soil Conservation Plan

Howard County Health Department

Ronold P. Kelly

8/3/99



total linear feet of trench required 240 feet

width of trench (ft) 3.0 feet

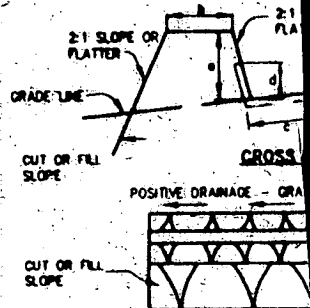
depth of trench (ft) 4.5 feet

width of stone required below distribution pipe 2.0 feet

TOPSOIL STANDARDS AND

- I. Topsoil salvaged from the existing site may be used as set forth in these specifications. Typical given soil type can be found in the references published by USDA-SCS in cooperation with the U.S. DEPARTMENT OF AGRICULTURE.
- II. Topsoil Specifications - Soil to be used as to:
 - i. Topsoil shall be a loam, sandy loam, clay loam. Other soils may be used if recommended by the appropriate approval authority. Contrasting textured subsoils and shall slag, coarse fragments, gravel, sticks, roots, in diameter.
 - ii. Topsoil must be free of plants or plant parts, grass, nutsedge, poison ivy, thistle, or other weeds.
 - iii. Where the subsoil is either highly acidic or alkaline shall be spread at the rate of 4-8 tons per acre to the placement of topsoil. Lime shall be worked into the soil in conjunction with the topsoil. Place topsoil (if required) 20.0 Vegetative Stabilization - Section 10.0.

DETAIL

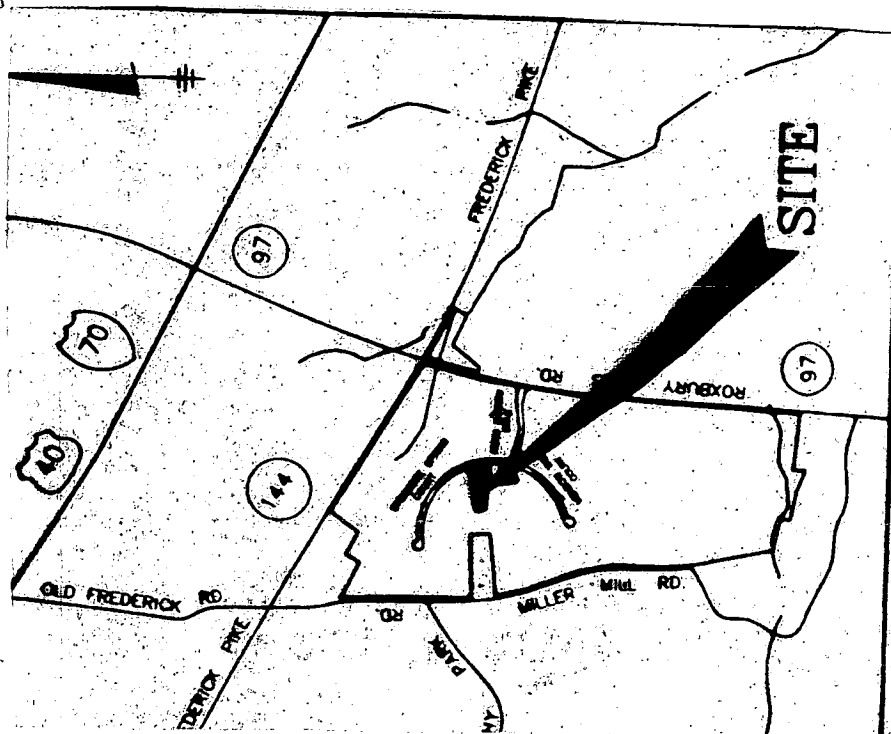


1. Seed and cover with straw mulch.
2. Seed and cover with Erosion Control Blanket.
3. 4" - 7" stone or recycled concrete.

CONSTRUCTION

1. All temporary earth dikes shall have spot elevations may be necessary.
2. Runoff diverted from a disturbed area.
3. Runoff diverted from an undisturbed stabilized area of a non-erodible surface.
4. All trees, brush, stumps, obstructions and disposed of as specified in the plan.
5. The dike shall be excavated or shall meet the criteria specified herein for irregularities which will impede runoff.
6. Fill shall be compacted by earth compaction.
7. All earth removed and not needed shall not interfere with the functioning of the ditch.
8. Inspection and maintenance must be maintained.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE



VICINITY MAP

SCALE: 1" = 200'

Version, and Basins, & maintained.

(Maximum) Silt Fence Length

unlimited

125 feet

(Maximum) Silt Fence Length

unlimited

1,000 feet

750 feet

500 feet

250 feet

125 feet

only soils (USDA general classification) length and silt fence length will be the only perimeter control.

PRINTED

AUG 26 1999

MARYLAND DEPARTMENT OF ENVIRONMENT
WATER MANAGEMENT ADMINISTRATION

BENCHMARK

ENGINEERING INC.

8460 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MARYLAND
PHONE: 410-483-8105 FAX: 410-483-8844

PROJECT:		
RIGGS MEADOW LOT 29		
LOCATION:		
TAX MAPS 8 & 14 - PARCEL 96 4th ELECTION DISTRICT PLAT: 12961 HOWARD COUNTY, MARYLAND		
TITLE:		
PLOT/GRADING PLAN		
DATE:	JULY 13, 1999	PROJECT NO. 1108
	JULY 26, 1999	
SCALE:	AS SHOWN	DRAWING 1 OF

GP-00-05

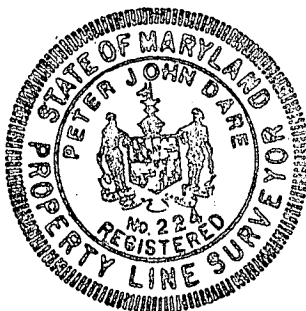
THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

PRES. PARCEL 'A'

WALL
CHECK OK
w/BP PLAN
MR 12/15/89

LOT 28

LOT 30



TOP OF FOUNDATION
WALL ELEV. = 679.2

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA F.I.R.M. IDENTIFIED BELOW. AT THE WRITTEN REQUEST OF THE PURCHASER, NO PROPERTY CORNER MARKERS HAVE BEEN SET.

PETER J. DARE,
MD. PROPERTY LINE SURVEYOR #224

RECORD PLAT No. 12961
FEMA FIRM No. 240044 0008 B
DATED: 12-4-86

BENCHMARK



ENGINEERING INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MD 21043
PHONE: 410-465-6105 FAX: 410-465-6644

LOCATION DRAWING

RIGGS MEADOW
LOT 29

1913 SYCAMORE SPRING CT.

4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 11-8-99