

10/26/99
AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512718

A 50463-C

DISTRICT _____

DATE 9-20-1999

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

#360508
INDEXED

DATE SYSTEM APPROVED 10/26/99

INSPECTOR *[Signature]*

Walter W. King Plumbing & Heating IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 5305 King's Court, Frederick, MD 21703 PHONE 301-662-6990

SUBDIVISION Riggs Meadows LOT 32 ROAD 1901 Sycamore Spring Court

PROPERTY OWNER Ryan Homes

BUILDING PERMIT SIGNED

ADDRESS _____

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 8-27-03 800 143 838 - POACH

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240 ✓

TRENCHES - Trench to be 3 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - Place the distribution box 178 feet up the right lot line and 40 feet off the same lot line as viewed from Sycamore Spring Court. Install trenches along contour away from the right lot line towards the left lot line (375.06')

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK SRU 9/2/99

PLANS APPROVED BY Ronald J. Pinkley DATE 08/23/1999

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

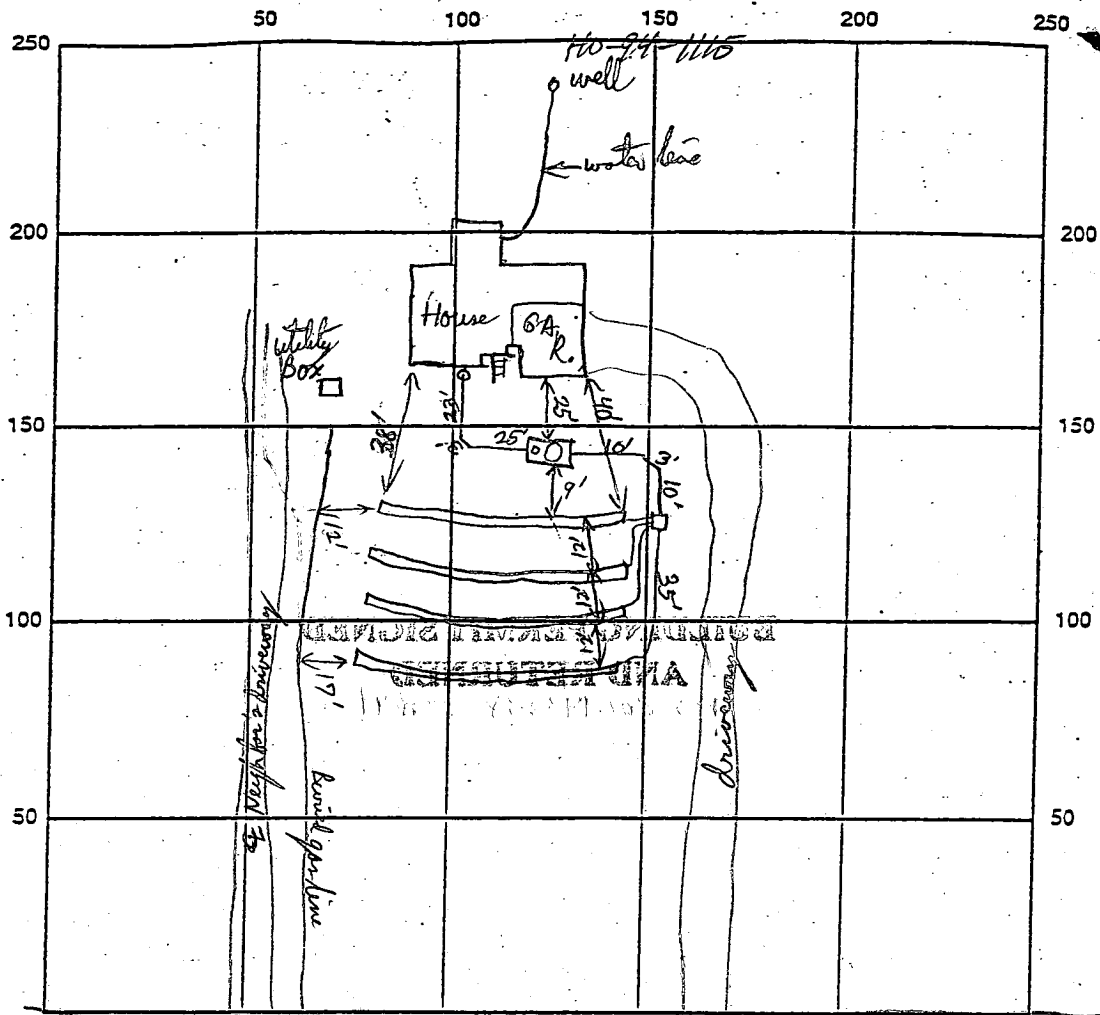
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9333 FOR INSPECTION OF SEPTIC SYSTEM.

HD-260(6-90)

B00119839
8/23/99 SFB
PERMIT SIGNED
AND RETURNED 7/20/00
B00125562 Deck

50463C



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
Sycamore Spring Ct.

SEPTIC TANK LEVEL 1250 gal Mid Seamed S.T. CLEANOUTS S.T. ✓, HSE. ✓
 DISTRIBUTION BOX LEVEL water levelled using spirit levels OK
 DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2 FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 60' each FT. = 240 L.F. total
 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: Final Trenches OK to Cover, Supply + Feeder lines bedded in gravel (3/4" diameter), Trenches used 2" diameter gravel (blue organization) OK, House Connection OK, S.T. OK - System OK to Cover RJP 10/26/99

10/26/99
 WP - pitless adapter OK @ 3 1/2 ft, 2 pipe caps + PVC connect pipe OK - RJP 10/26/99
 DATE SYSTEM APPROVED 10/26/99 INSPECTOR RJP

APPLICATION

50463C

PERCOLATION TESTING

A 403108
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
PO BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

DISTRICT 4th
DATE 9/30/94

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 Amalia Riggs, c/o SDC Group, Inc. RYAN ARMES
8480 Baltimore - National Pk
ADDRESS PO BOX 417, Ellicott City, MD 21041 PHONE (410) 465-6105

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Riggs Property LOT NO. Grd. 1 33
ROAD AND DESCRIPTION Located @ SW Corner of the intersection of
Roxbury Mill (Rte. 97) & Frederick Rd (Rte 144)

TAX MAP 8814 PARCEL # 96
SIZE OF LOT 55000 ± S.F. TYPE BLDG Single Family Dwelling - 4 Brn
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERM. PERMITS SIGNED AND RETURNED 8-23-99
Scott B. 119839

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 R. Morley, III V. Pos
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____
REJECTED BY _____ FOR _____ DATE _____
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE
458

bright orange red
clm

mottling below clay layer

orange tan
sasil m
strong structure
evidence of mottling at 9'

469

lgt tan
cl sil m

reddish orange
cl sil m

pink
sasil m
strong structure

488

topsoil
bright orange
sil m

orange tan
sil m

structured

459

brn
cl m

bright red
sacl m

lgt pink
sil m

5-10% rock w/ 5"-8" dia.

SOIL PROFILE
468

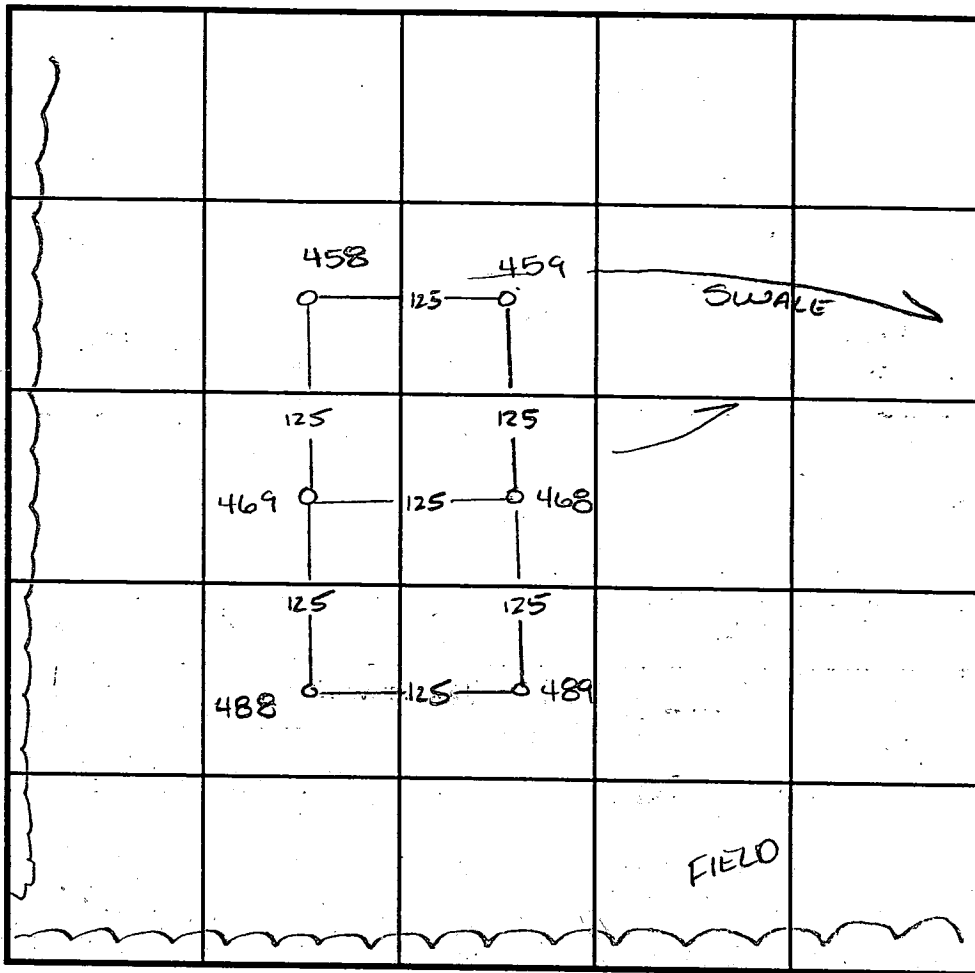
brn
cl sil m

lgt orange brown
sil sil m
5% rock frags

489

bright red
sacl m

red brown
sasil m
5-10% rock



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11-3-94	458	4.5 VII	7:00 ¹⁵	7:01 ³⁰	7:01 ³⁰	7:03 ⁴⁵	2 1/4 min
11-2-94	469	4.5 VII.2	6:54 ¹⁵	6:58 ³⁰	6:58 ³⁰	7:07 ³⁰	9 min
	488	4.5 VII.0	6:42 ⁴⁵	6:51 ³⁰	6:51 ³⁰	7:05	1 1/2 min
	459	3.5 VII.2	9:41 ³⁰	9:44 ¹⁵	9:44 ¹⁵	9:53	8 3/4 min
	459	4.5 VII.2	9:53 ⁴⁵	10:02	> 30 min -		slow
	468	4.5 VII.0	9:18 ³⁰	9:19 ¹⁵	9:19 ¹⁵	9:20	45 sec
	468	4.5 repour	9:21 ³⁰	9:22 ¹⁵	9:22 ¹⁵	9:24 ¹⁵	2 min
11-2-94	489	4.5 VII.5	9:10 ¹⁵	9:12	9:12	9:15 ¹⁵	3 1/4 min

would perc at 6.0

REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen

ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____

TRENCH WIDTH _____

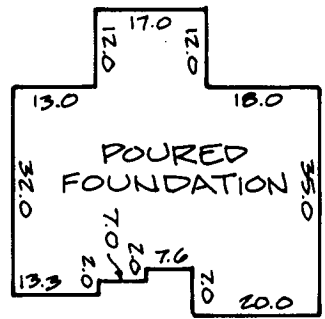
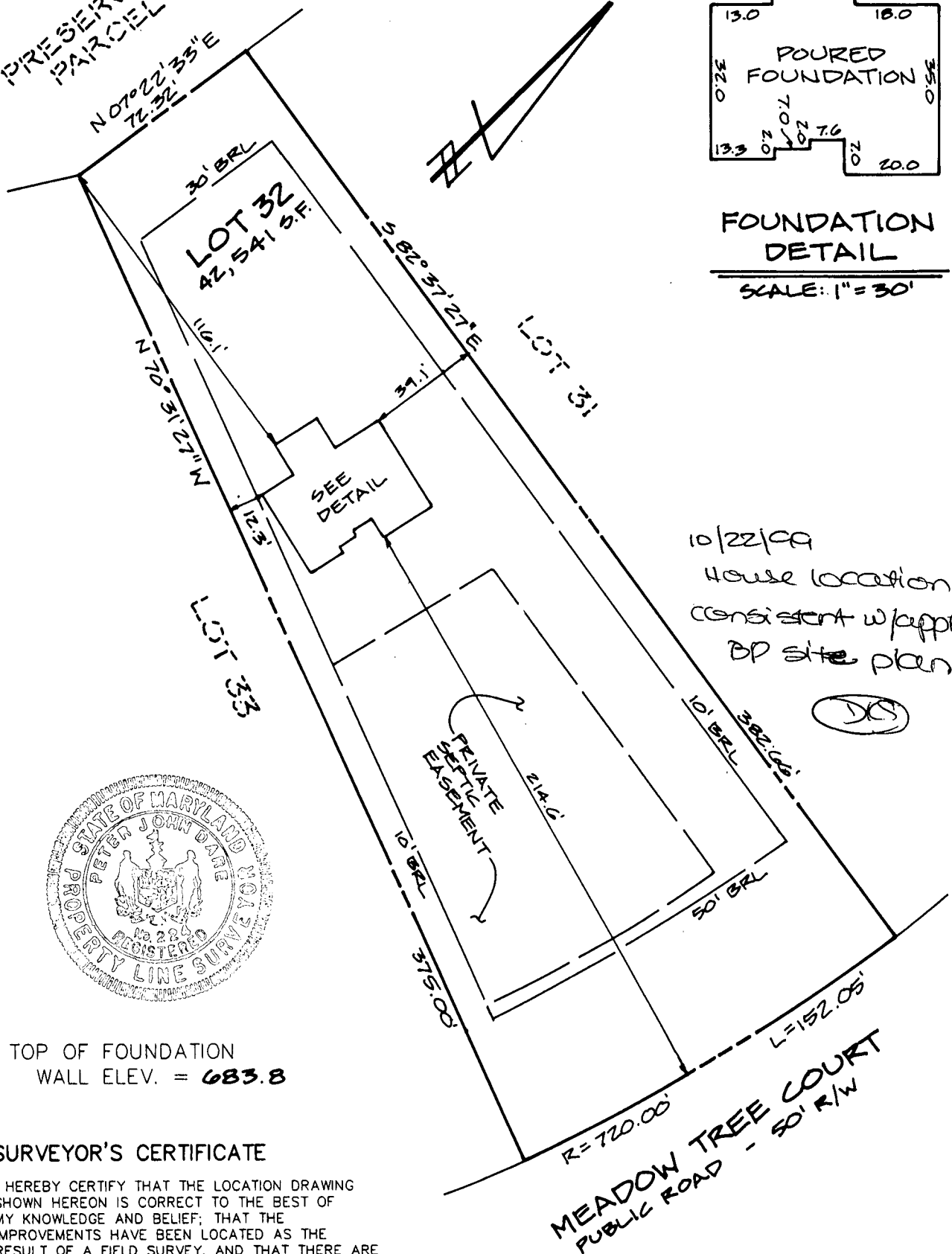
INLET DEPTH _____

MAXIMUM BOTTOM DEPTH _____

SQ. FT./BEDROOM _____

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.

PRESERVATION
PARCEL A



FOUNDATION
DETAIL

SCALE: 1" = 30'

10/22/99
House location
consistent w/approved
BP site plan

(Signature)



TOP OF FOUNDATION
WALL ELEV. = 683.8

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. 12963
FEMA FIRM No. 240044-0008B
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 32

2000 MEADOW TREE CT.

4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 9-28-99

G1 9748 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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)

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY 17 15 97

Depth of Well 22 245 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1115

OWNER SDC STREET OR RFD MEADOW TREE CT. TOWN COOKSVILLE SUBDIVISION RIGGS PROPERTY SECTION LOT 32

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N

C3 PUMPING TEST

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

TYPE OF GRROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

HOURS PUMPED (nearest hour) 3

DESCRIPTION (Use additional sheets if needed)

NO. OF BAGS 6 NO. OF POUNDS 564 GALLONS OF WATER 36

PUMPING RATE (gal. per min.) 10

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Brown Shale 0-12, Gray mica rock 12-245.

DEPTH OF GROUT SEAL (to nearest foot) from 0 to 19 ft.

METHOD USED TO MEASURE PUMPING RATE Bucket

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

WATER LEVEL (distance from land surface) BEFORE PUMPING 58 ft.

MAIN CASING TYPE ST Nominal diameter top (main casing) (nearest inch)! 6 Total depth of main casing (nearest foot) 21

WHEN PUMPING 118 ft.

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

TYPE OF PUMP USED (for test) S submersible

NUMBER OF UNSUCCESSFUL WELLS: 3

SCREEN RECORD screen type or open hole insert appropriate code below ST STEEL BR BRASS HO OPEN HOLE PL PLASTIC OT OTHER

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.

WELL HYDROFRACTURED YES Y NO N

DEPTH (nearest ft.) table with columns 1-24 and rows A-C, S-E, R-E, N.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.

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

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

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.

PUMP HORSE POWER 37 41

DRILLERS LIC. NO. 1 MS D024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M D

PUMP COLUMN LENGTH (nearest ft.) 43 47

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

CASING HEIGHT (circle appropriate box and enter casing height) above below 2 (nearest foot)

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

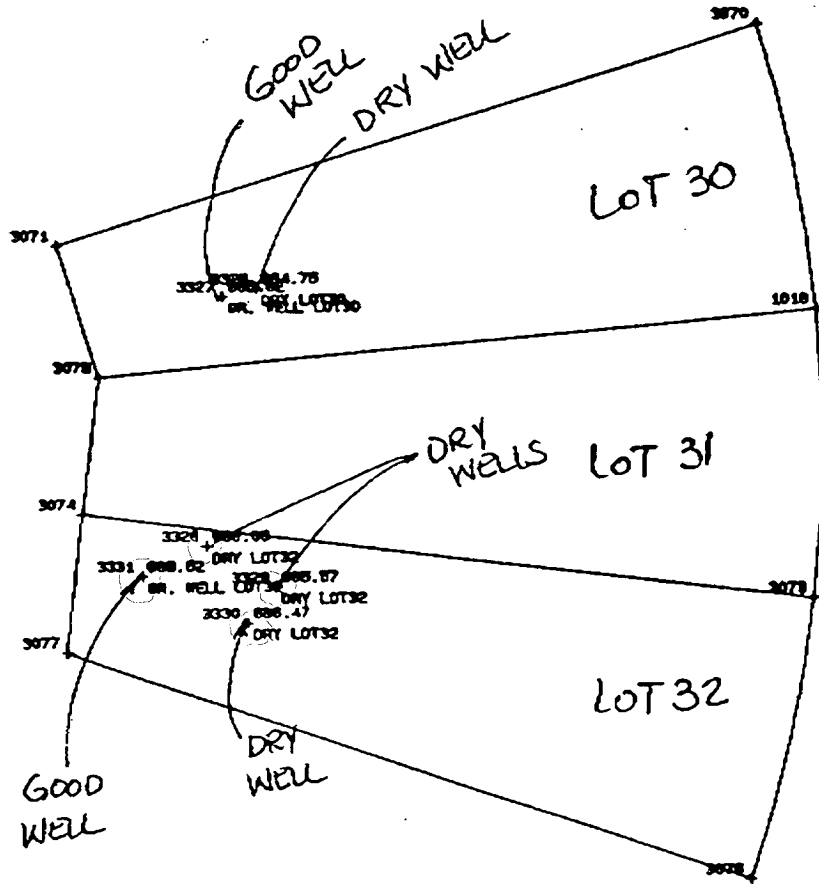
LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76

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

See attached well locations.

2
1.5
2



28+

RIGGS - 1" = 100'

B 1	7460	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER HO-94-11115 <small>70 fill in this form completely 79</small>																																																																									
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>																																																																													
Date Received (APA) 033197		OWNER INFORMATION																																																																											
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%; border: 1px solid black;">S</td> <td style="width:15%; border: 1px solid black;">M</td> <td style="width:15%; border: 1px solid black;">A</td> <td style="width:15%; border: 1px solid black;">C</td> <td style="width:15%; border: 1px solid black;">H</td> <td style="width:15%; border: 1px solid black;">C</td> <td style="width:15%; border: 1px solid black;">I</td> <td style="width:15%; border: 1px solid black;">T</td> <td style="width:15%; border: 1px solid black;">Y</td> <td style="width:15%; border: 1px solid black;">M</td> <td style="width:15%; border: 1px solid black;">D</td> <td style="width:15%; border: 1px solid black;">7</td> <td style="width:15%; border: 1px solid black;">1</td> <td style="width:15%; border: 1px solid black;">0</td> <td style="width:15%; border: 1px solid black;">4</td> <td style="width:15%; border: 1px solid black;">7</td> </tr> <tr> <td colspan="13"><small>15 Last Name</small></td> <td colspan="2"><small>Owner</small></td> <td colspan="2"><small>First Name</small></td> <td colspan="2"><small>34</small></td> </tr> <tr> <td colspan="13">PO BOX 417</td> <td colspan="2"><small>Street or RFD</small></td> <td colspan="2"><small>55</small></td> </tr> <tr> <td colspan="13">ELLICOTT CITY MD 21047</td> <td colspan="2"><small>Town</small></td> <td colspan="2"><small>70 State 72</small></td> <td colspan="2"><small>Zip</small></td> <td colspan="2"><small>76</small></td> </tr> </table>					S	M	A	C	H	C	I	T	Y	M	D	7	1	0	4	7	<small>15 Last Name</small>													<small>Owner</small>		<small>First Name</small>		<small>34</small>		PO BOX 417													<small>Street or RFD</small>		<small>55</small>		ELLICOTT CITY MD 21047													<small>Town</small>		<small>70 State 72</small>		<small>Zip</small>		<small>76</small>	
S	M	A	C	H	C	I	T	Y	M	D	7	1	0	4	7																																																														
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DRILLER INFORMATION		CIRCLE: MSD/MGD/MWD																																																																											
Driller's Name Joseph L. Mayne		License No. 80 024																																																																											
Firm Name Joseph L. Mayne Well Drilling		Address 5512 Ridge Rd. Mt Airy 21771																																																																											
Signature Joseph L. Mayne		Date 3/31/97																																																																											
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)																																																																													
<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 200 FEET																																																																													
APPROXIMATE DIAMETER OF WELL 6 INCH																																																																													
METHOD OF DRILLING (circle one)																																																																													
<input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN																																																																													
<input checked="" 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) _____																																																																													
Not to be filled in by driller (MDE OR COUNTY USE ONLY)																																																																													
APPROX. PERMIT NUMBER _____																																																																													
FORCE AM INITIALS IN BOX PERMIT No. HO-94-11115																																																																													
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>																																																																													

B 3 LOCATION OF WELL

HOWARD COUNTY

RIGGS PROPERTY SUBDIVISION

SECTION _____ LOT **32**

COOKSVILLE NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** MI

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

MEADOWTREE CT NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

WEST EAST

DISTANCE FROM ROAD **280** FT OR MI **FT**

TAX MAP: _____ BLK: _____ PARCEL _____

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME **50368** COUNTY NO.

STATE SIGNATURE _____ INSERT S _____

DATE ISSUED **042297** **Amy M. Muller** CO SIGNATURE **4/21/98** EXP. DATE

NORTH GRID **540000** EAST GRID **0792000**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

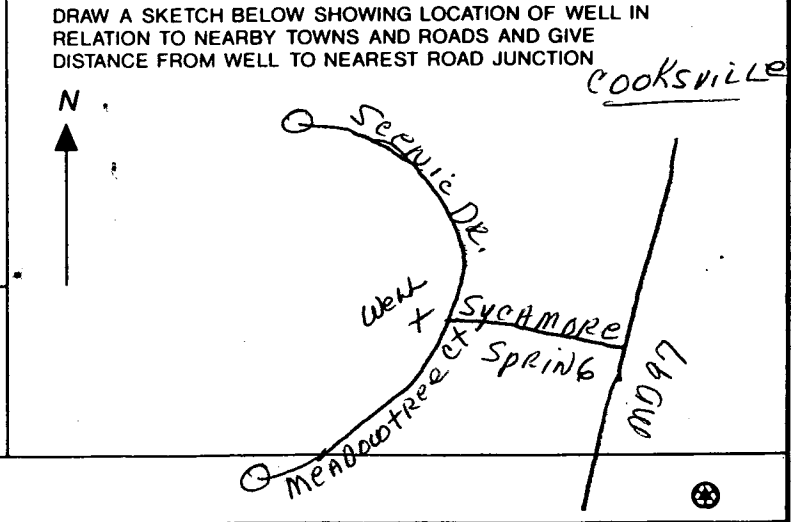
- Well**
-
-

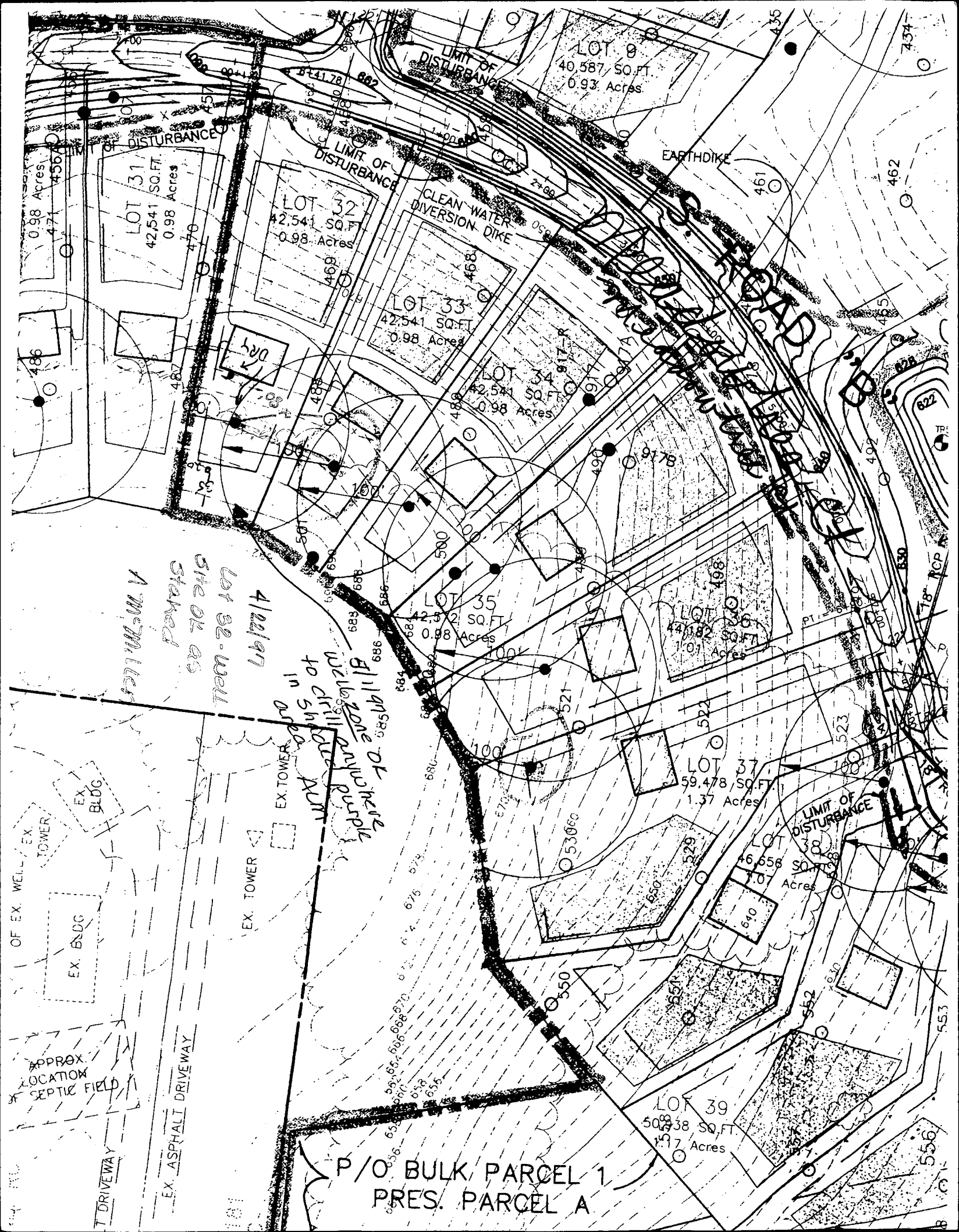
WRITE THE BOX NUMBER FROM THE MAP HERE

7902 **53040**

5/20/97
Brought 9:30
Cancelled for 5/20/97
(1cm)

7-15-97
Brought 9:00





0.98 Acres
471
4567

LOT 31
42,541 SQ. FT.
0.98 Acres

LOT 32
42,541 SQ. FT.
0.98 Acres

LOT 33
42,541 SQ. FT.
0.98 Acres

LOT 34
42,541 SQ. FT.
0.98 Acres

LOT 35
42,541 SQ. FT.
0.98 Acres

LOT 37
59,478 SQ. FT.
1.37 Acres

LOT 38
46,658 SQ. FT.
1.07 Acres

LOT 39
50,838 SQ. FT.
1.17 Acres

A McMillen
Lot 32-Well site OR as staked
4/22/97

All 11 parcels are purple
Well zone in purple
to drill water pump

EX. WELL / EX. TOWER
EX. BLDG

EX. TOWER

APPROX. LOCATION OF SEPTIC FIELD

EX. ASPHALT DRIVEWAY

P/O BULK PARCEL 1
PRES. PARCEL A

PREPARATION

NOTES

TO BE REDISTURBED WHERE A
 THREE INCHES OF SOIL BY RAKING,
 SOIL SEEDING, IF NOT PREVIOUSLY
 USE 10-10-10 FERTILIZER (14

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 UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAN 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.

APRIL 30 AND FROM AUGUST 15
 BUSHELS PER ACRE OF ANNUAL RYE
 FROM MAY 1 THROUGH AUGUST 14, SEED
 155 (.07 LBS/1000 SQ. FT.) FOR
 MAY 28, PROTECT SITE BY
 LAYED STRAW MULCH AND SEED AS
 1500.
 1 ACRE (70 TO 90 LBS/1000 SQ FT)
 SOIL AFTER SEEDING. ANCHOR
 WITH MULCH ANCHORING TOOL OR
 STRIP OF EMULSIFIED ASPHALT ON
 USE 348 GALLONS PER ACRE

PREPARATION

THREE INCHES OF SOIL BY RAKING,
 SOIL SEEDING, IF NOT PREVIOUSLY

RECOMMENDATIONS, USE ON OF

1 ACRE DOLOMITIC LIMESTONE (92
 PER ACRE 10-10-10 FERTILIZER
 SOIL SEEDING. HARROW OR DISC INTO
 AT TIME OF SEEDING, APPLY 400
 PERM FERTILIZER (9 LBS/1000 SQ

PER ACRE DOLOMITIC LIMESTONE
 1 LBS PER ACRE 10-10-10
 BEFORE SEEDING. HARROW OR
 OF SOIL.

FROM APRIL 30 AND AUGUST 1
 PER ACRE (1.4 LBS/1000 SQ FT)
 NO 2 LBS PER ACRE (.05
 DURING THE PERIOD OF OCTOBER
 OPTION (1) 2 TONS PER ACRE
 AS SOON AS POSSIBLE IN THE
 SOIL WITH 80 LBS PER ACRE
 WITH 2 TONS PER ACRE OF WELL

1 ACRE (70 TO 90 LBS/1000 SQ FT)
 SOIL AFTER SEEDING. ANCHOR
 WITH MULCH ANCHORING TOOL OR
 STRIP OF EMULSIFIED ASPHALT ON
 USE 348 GALLONS PER ACRE

AND MAKE NEEDED REPAIRS.

CONTROL NOTES

TO BE GIVEN TO THE HOWARD COUNTY
 PERMITS SEDIMENT CONTROL DIVISION PRIOR

NOTICES ARE TO BE INSTALLED ACCORDING
 TO BE IN CONFORMANCE WITH THE
 SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT

FOR REDISTURBANCE, PERMANENT OR
 COMPLETED WITHIN: A) 7 CALENDAR DAYS
 FOR STRUCTURES, DIKES, PERIMETER SLOPES
 B) 14 DAYS AS TO ALL OTHER DISTURBED
 AREAS.

ARE TO BE FENCED AND WARNING SIGNS POSTED
 IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE
 REGULATION OF EARTH DISTURBANCE.

TO BE WITHIN THE TIME PERIOD SPECIFIED
 IN MARYLAND STANDARDS AND SPECIFICATION
 FOR PERMANENT SEEDINGS (SEC. 51)
 AND MULCHING (SEC. 52).
 SOIL ALONE CAN ONLY BE DONE WHEN
 ALLOW FOR PROPER GERMINATION AND

ARE TO REMAIN IN PLACE AND ARE TO BE
 REMOVED UPON PERMISSION FROM THE COUNTY
 SEDIMENT CONTROL INSPECTOR.

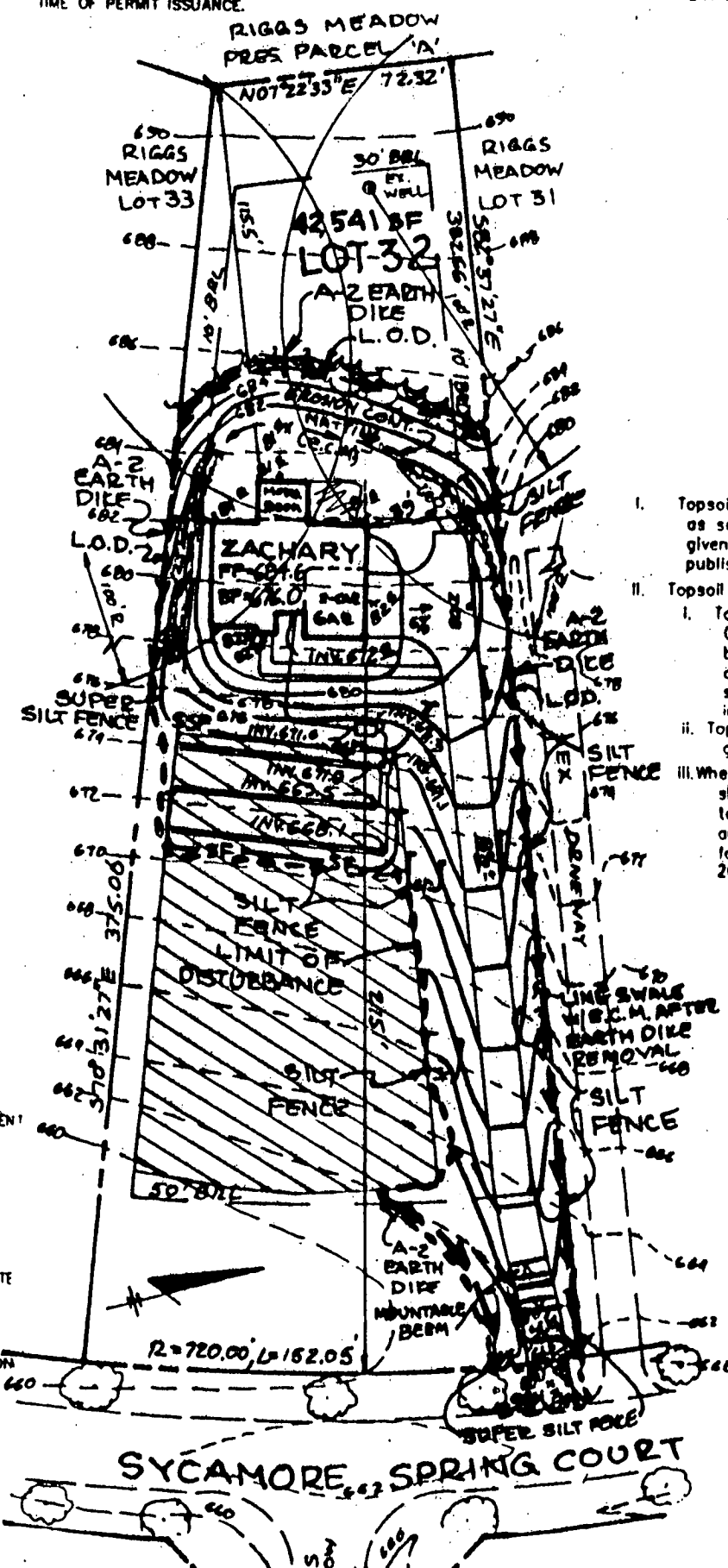
0.98	ACRES
0.46	ACRES
0.11	ACRES
0.35	ACRES
653	CU YDS
865	CU YDS

LOCATION SITE WITH ACTIVE GRADING PERMIT

WHICH IS DISTURBED BY GRADING ACTIVITY FOR
 TO BE COMPLETED ON THE SAME DAY OF DISTURBANCE.

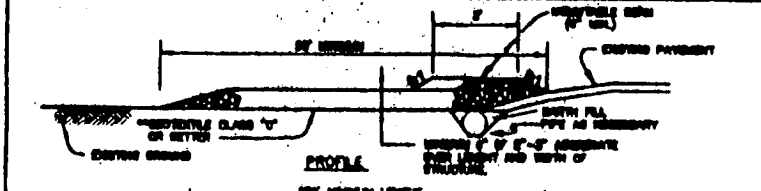
ARE TO BE PROVIDED, IF DEEMED NECESSARY BY
 THE SEDIMENT CONTROL INSPECTOR.

FOR EXCESS OF 2 ACRES, APPROVAL OF THE
 HEALTH DEPARTMENT UPON COMPLETION OF INSTALLATION OF
 EROSION CONTROL MEASURES MUST BE OBTAINED PRIOR TO



PLAN
 SCALE: 1"=50'

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE

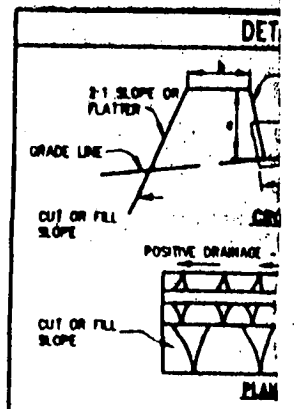


1. Fencing of State High	76
be used,	76
2. Chain link	77
lower top	
required	
3. Filter cloth	
24" at M	
4. Filter cloth	
5. When two	
6. Minimum	
develop	
7. Filter cloth	
top and	
	51A
	0 -
	10 -
	20 -
	33 -
	50X

U.S. DEPARTMENT
 SOIL CONSERVATION

TOPSOIL STANDARDS

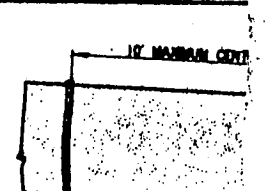
- I. Topsoil salvaged from the existing site or as set forth in these specifications. The given soil type can be found in the register published by USDA-SCS in cooperation
- II. Topsoil Specifications - Soil to be used
 - i. Topsoil shall be a loam, sandy loam. Other soils may be used if recommended by the appropriate approval authority. Contrasting textured subsoils and slag, coarse fragments, gravel, silt in diameter.
 - ii. Topsoil must be free of plants or plant parts, grass, nutsedge, poison ivy, thistle.
 - iii. Where the subsoil is either highly acid shall be spread at the rate of 4-8 tons to the placement of topsoil. Lime shall be worked into the soil in conjunction with the following procedures. Place topsoil (1) 20.0 Vegetative Stabilization - Seel



1. Seed and cover with straw
2. Seed and cover with Erosion
3. 4" - 7" stone or recycled of
4. All temporary earth dikes shall be spaced at intervals of 50 feet
5. Runoff diverted from a disturbed area
6. Runoff diverted from an undisturbed area of a non-erosion
7. All trees, brush, stumps, shall be removed and disposed of as soil
8. The dikes shall be constructed to meet the criteria specified in the regulations which will impact
9. Fill shall be compacted by
10. All earth removed and not to be used shall be disposed of at a permitted site
11. Inspection and maintenance

U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE

DETAIL



APRIL 30 AND FROM AUGUST 15
 81 LBS PER ACRE OF ANNUAL RYE
 THROUGH AUGUST 14. SEED
 (55 (.07 LBS/1000 SQ FT) FOR
 WT 28. PROTECT SITE BY
 DRED STRAW MULCH AND SEED AS
 500.

- UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
- TOPOGRAPHY SHOWN HEREON IS TAKEN FROM F-97-41 WHICH WAS PREPARED BY TSA GROUP, INC.
- EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.

LORE (70 TO 90 LBS/1000 SQ FT)
 ELY AFTER SEEDING. ANCHOR
 NO MULCH ANCHORING TOOL OR
 7) OF EMULSIFIED ASPHALT ON
 USE 348 GALLONS PER ACRE

AND SPECIFICATIONS FOR SOIL
 AND METHODS NOT COVERED.

PREPARATION

INCHES OF SOIL BY RAKING,
 RE SEEDING, IF NOT PREVIOUSLY

RECOMMENDATIONS. USE ON OF

1 ACRE DOLOMITIC LIMESTONE (92
 ER ACRE 10-10-10 FERTILIZER
 DWG. HARROW OR DISC INTO
 TIME OF SEEDING. APPLY 400
 M FERTILIZER (1 LBS/1000 SQ

1 ACRE DOLOMITIC LIMESTONE
 85 PER ACRE 10-10-10
 BEFORE SEEDING. HARROW OR
 F SOIL

ON APRIL 30 AND AUGUST 1
 2 ACRE (1.4 LBS/1000 SQ FT)
 2 LBS PER ACRE (.05
 DURING THE PERIOD OF OCTOBER
 OPTION (1) 2 TONS PER ACRE
 AS SOON AS POSSIBLE IN THE
 0 WITH 60 LBS PER ACRE
 IN 2 TONS PER ACRE OF WELL

RE (70 TO 90 LBS/1000 SQ FT)
 Y AFTER SEEDING. ANCHOR
 MULCH ANCHORING TOOL OR
 OF EMULSIFIED ASPHALT ON
 USE 348 GALLONS PER ACRE

NO MAKE NEEDED REPAIRS.

ROL NOTES

1. GIVEN TO THE HOWARD COUNTY
 IS SEDIMENT CONTROL DIVISION PRIOR

DES ARE TO BE INSTALLED ACCORDING
 RE TO BE IN CONFORMANCE WITH THE
 TATIONS FOR SOIL EROSION AND SEDIMENT

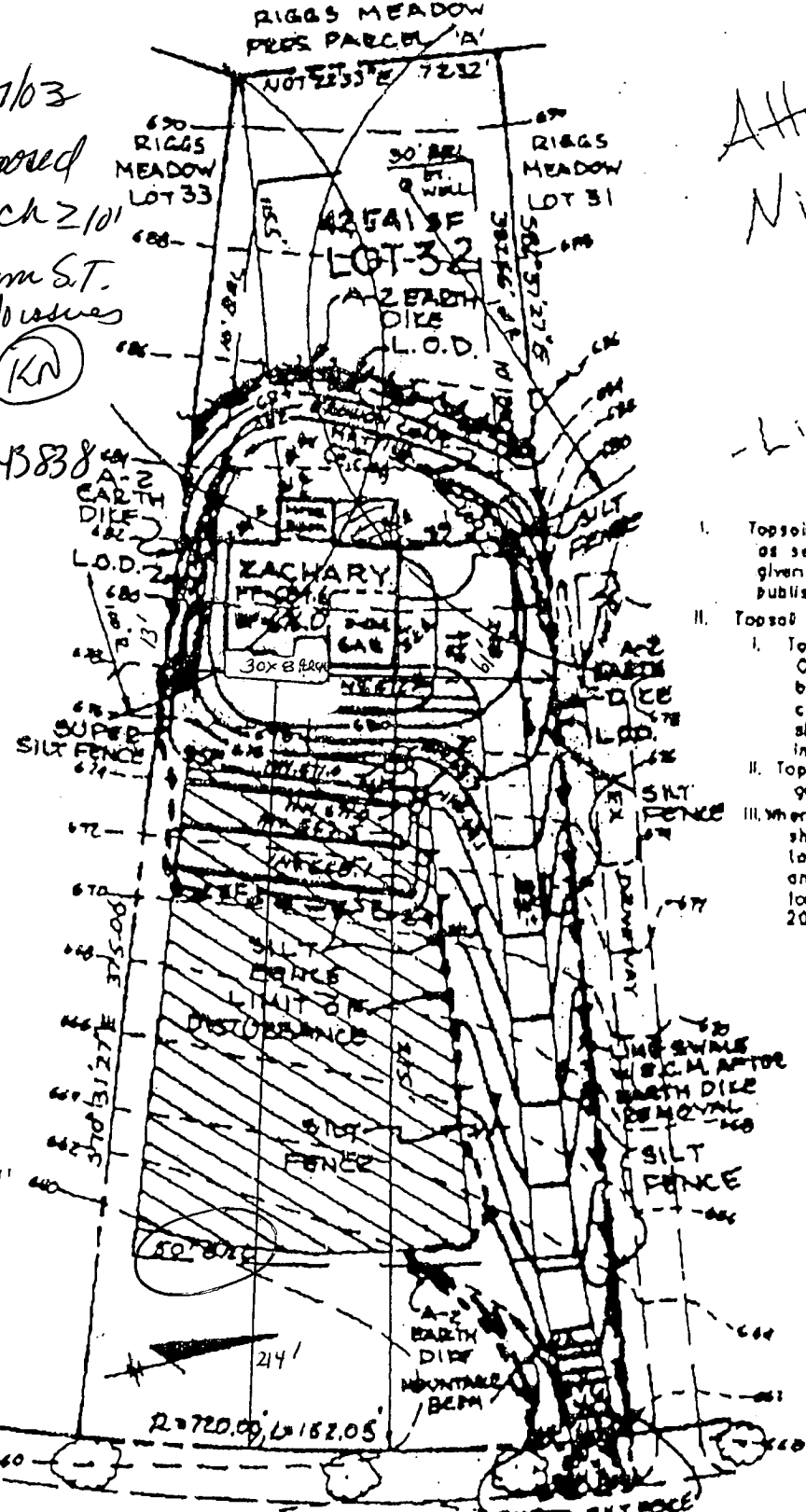
ED/DISTURBANCE. PERMANENT OR
 PLETED WITHIN: A) 7 CALENDAR DAYS
 STRUCTURES, DIKES, PERIMETER SLOPES
 14 DAYS AS TO ALL OTHER DISTURBED

BE FENCED AND WARNING SIGNS POSTE
 WITH VOL. 1, CHAPTER 12. OF THE
 DRAINAGE

WITHIN THE TIME PERIOD SPECIFIED
 WYLAND STANDARDS AND SPECIFICATION
 FOR PERMANENT SEEDINGS (SEC. 51
 50) AND MULCHING (SEC. 52).
 ONE CAN ONLY BE DONE WHEN
 LOW FOR PROPER GERMINATION AND

TO REMAIN IN PLACE AND ARE TO BE
 PERMISSION FOR THEIR REMOVAL HAS
 Y SEDIMENT CONTROL INSPECTOR.

0.98	ACRES
0.46	ACRES
0.11	ACRES
0.35	ACRES

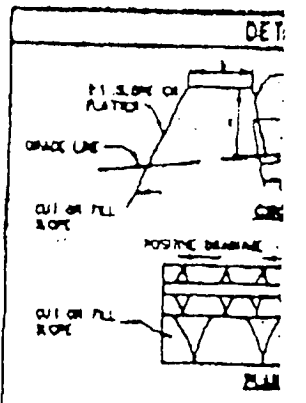


ATHN
 NIC

Lindeberg

TOPSOIL STANDARDS

- Topsil salvaged from the existing site r as set forth in these specifications. T given soil type can be found in the res published by USDA-SCS in cooperation
- Topsil Specifications - Soil to be used i
 - Topsil shall be a loam, sandy loam Other soils may be used if recomd by the appropriate approval authori contrasting textured subsoils and s slag, coarse fragments, gravel, sllk in diameter.
 - Topsil must be free of plants or pit grass, nutsedge, poison ivy, thistle,
 - Where the subsoil is either highly acid shall be spread at the rate of 4-8 to the placement of topsil. Lime; and worked into the soil in confor following procedures. Place topsil (i 20.0 Vegetative Stabilization - Secl



- Seed and cover with straw a
- Seed and cover with straw a
- 4" - 7" straw or mulch of a
- All temporary earth dikes shi (top standards) may be used
- Runoff directed from 1 dake dikes.
- Runoff directed from on undi (stabilized) area of a non-ero
- All trees, brush, stumps, soil and disposed of or re-plant
- The dikes shall be constructed; by about the criteria specified; irregularities which will impo
- All earth removed and not re- not interfere with the functio
- Inspection and maintenance a

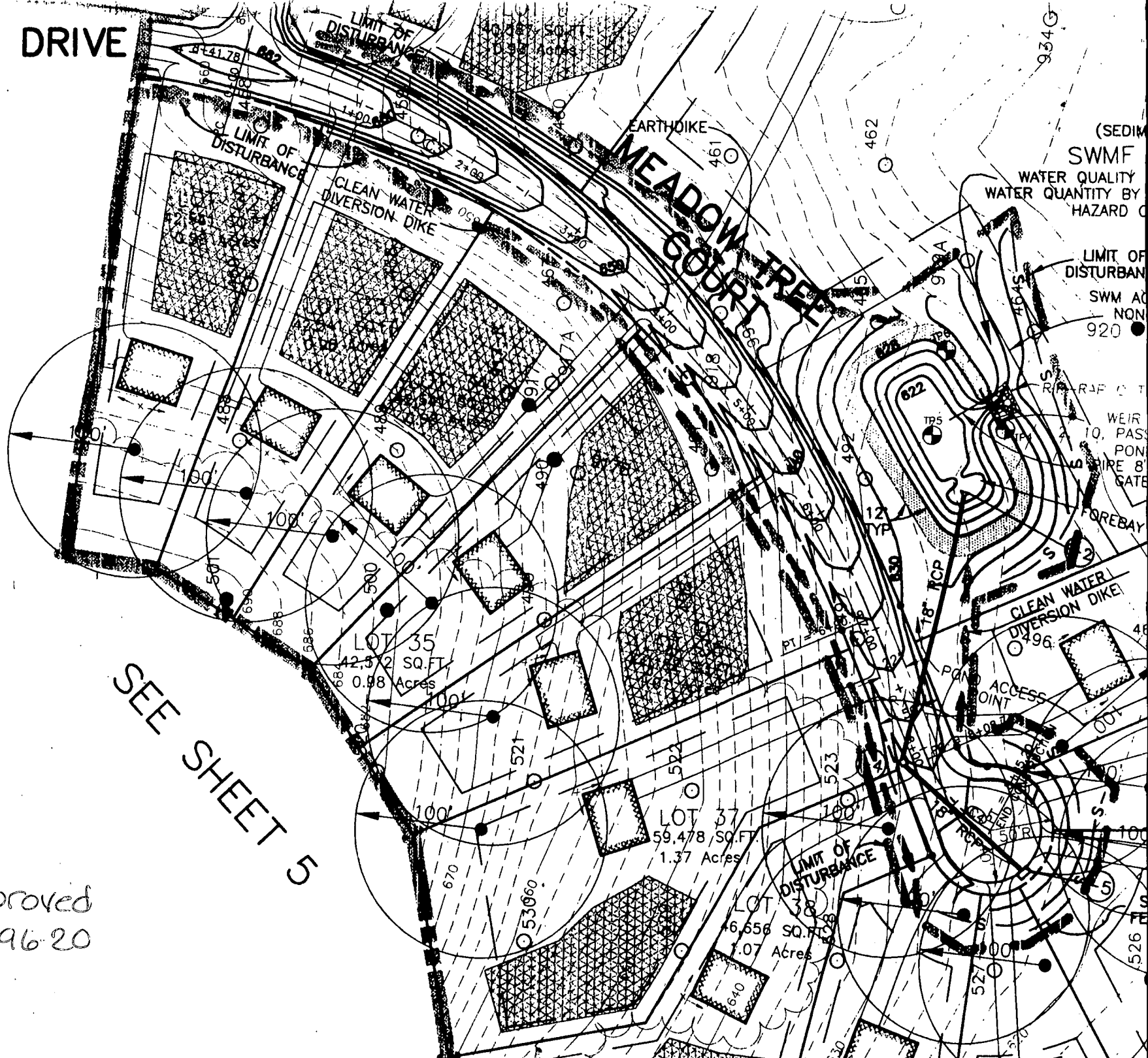
PLAN

SCENIC DRIVE

MATCH LINE

SEE SHEET 5

Approved
P-96-20



(SEDIMENT SWMF WATER QUALITY WATER QUANTITY BY HAZARD)

LIMIT OF DISTURBANCE

SWM AC NON 920

WEIR

10' PASS POND PIPE 8" GATE

FOREBAY

CLEAN WATER DIVERSION DIKE

ACCESS POINT

LIMIT OF DISTURBANCE

LOT 37
59,478 SQ. FT.
1.37 Acres

LOT 38
6,656 SQ. FT.
1.07 Acres

LOT 35
42,352 SQ. FT.
0.98 Acres

EARTHDIKE

LIMIT OF DISTURBANCE

CLEAN WATER DIVERSION DIKE

MEADOW COURT
TREE COURT

78' RCP

ADAS

RI

WEIR

10' PASS

POND

PIPE 8"

GATE

FOREBAY

CLEAN WATER

DIVERSION DIKE

ACCESS POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT

POINT