

6/22/99 open trench
12:00
9/16/99 2pm

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511919

A 49918-H

DISTRICT _____

DATE 6/1/99

DATE SYSTEM APPROVED 9/16/99

INSPECTOR S.R.K.

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXX~~ 410-313-2640

04-358791

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 580 Obrecht Road, Sykesville, MD 21784 PHONE 410-795-5670

SUBDIVISION Royal Hollow LOT 6 ROAD 921 Lady Anne Court

PROPERTY OWNER C & P Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 2 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place distribution box 90 feet from a point on left lot line (395') which in turn measures 170 feet along that left lot line from Lady Anne Court. Install trenches on contour in both directions away from distribution box.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *AL 4/19/99 JB*

PLANS APPROVED BY Ronald J. Pinkley/Donna K. Soe DATE 3-31-99

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

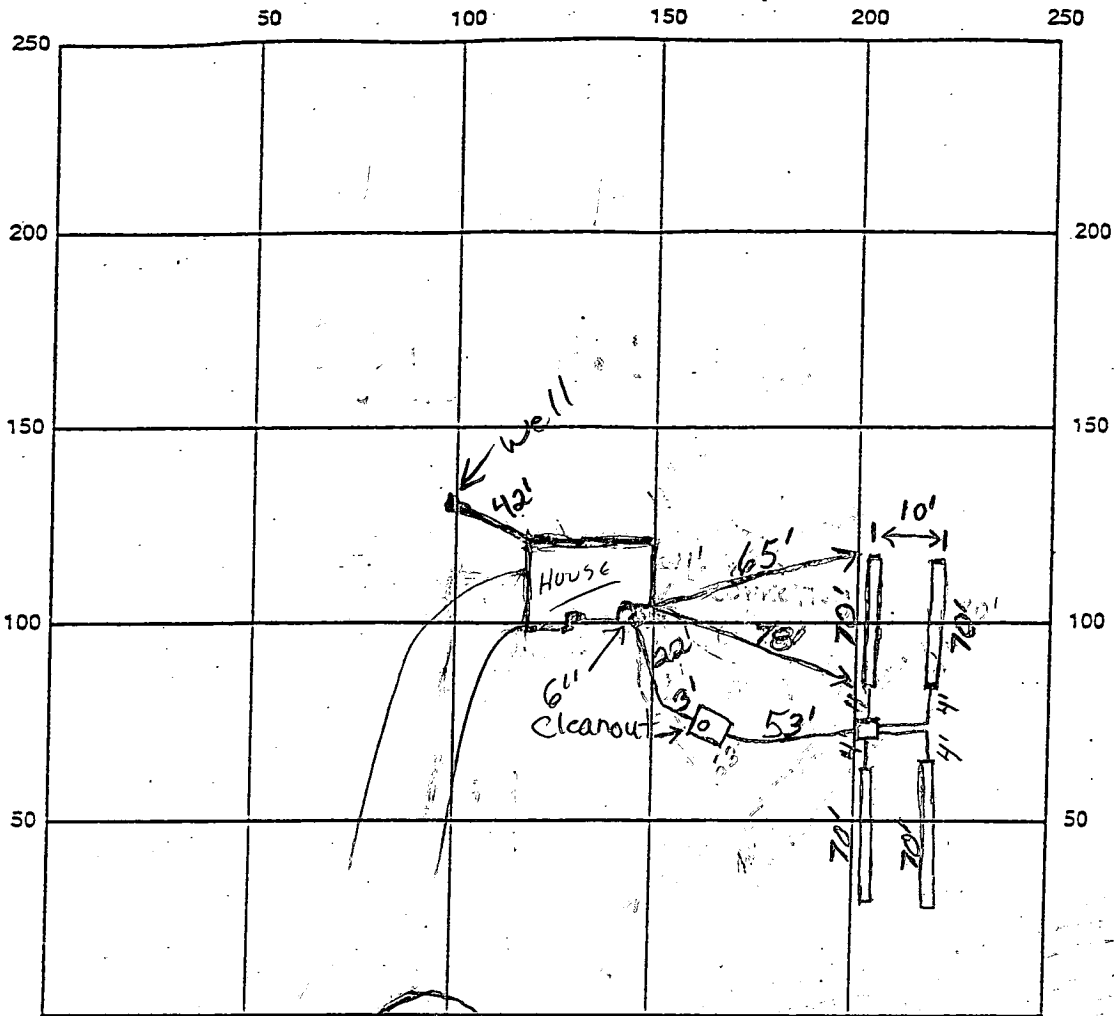
PERMIT VOID AFTER TWO YEARS

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**

41-81664V



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Lady Anne Ct.

SEPTIC TANK LEVEL 250

CLEANOUTS 6" house, 6" tank

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TITLE DEPTH 8 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 3 1/2 FT.

TOTAL LENGTH 4 x 70 FT.

NUMBER OF TRENCHES 4

ONE SIDEWALL/BOTTOM AREA 980 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET 3 1/2 FT.

ABSORBENT AREA — SQ. FT.

REMARKS: No House connection. O.K. to cover. 6/22/99 BB

9/16/99 - Due to hurricane induced weather & only field inspection took builders' word (Pete Ryan) that House connection was made - (SRE)

DATE SYSTEM APPROVED 9/16/99

INSPECTOR Steven R. Krieg

Handwritten notes at the bottom of the page, partially obscured.



HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

Date 9/7/99

MEMORANDUM

TO: C & P Homes, Inc.
16013 Lady Camarin Ct.
Mt. Airy, MD 21771

FROM: Steven R. Krieg
Water and Sewerage Program

RE: Royal Hollow Lot 6
921 Lady Anne Court

BP# B00116566

The septic system serving the above referenced property has been installed. However, prior to final Health Department approval of the septic system, the following requirement(s) shall be satisfied:

- a septic pump performance test with a Health Department representative present
- confirmation by the Health Department of the connection from the house to the septic tank
- other: _____

Please contact this office at (410) 313-2640 to request reinspection when the required work is completed on the above referenced property. Please be advised that no Interim Certificate-of-Potability will be issued for the property until the issue(s) is/are resolved.

Thank you in advance for your prompt attention to this important matter.

cc: file ✓

APPLICATION

PERCOLATION TESTING

A 499184

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 3/10/94

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 MISSLER FARM JOINT VENTURE ~~to~~ LDC INC. C/P NAMES INC

ADDRESS LEE PLAZA, SUITE 200 8601 GA. AVE. SILVER SPRING, MD PHONE (301) 585-7000

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION ROYAL HOLLOW LOT NO. 6

ROAD AND DESCRIPTION OLD FREDERICK RD. & WOODBINE RD. (921 Lady Anne Court)

BLDG. PERMITS SKIPPED

AND RETURNED 3-31-94

Serial # B70116566

TAX MAP 7 PARCEL # 84

SIZE OF LOT 1 AC. I TYPE BLDG. SFD - 4 Bdrms
(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. *Thos J. S. FOR VMA*
(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 _____

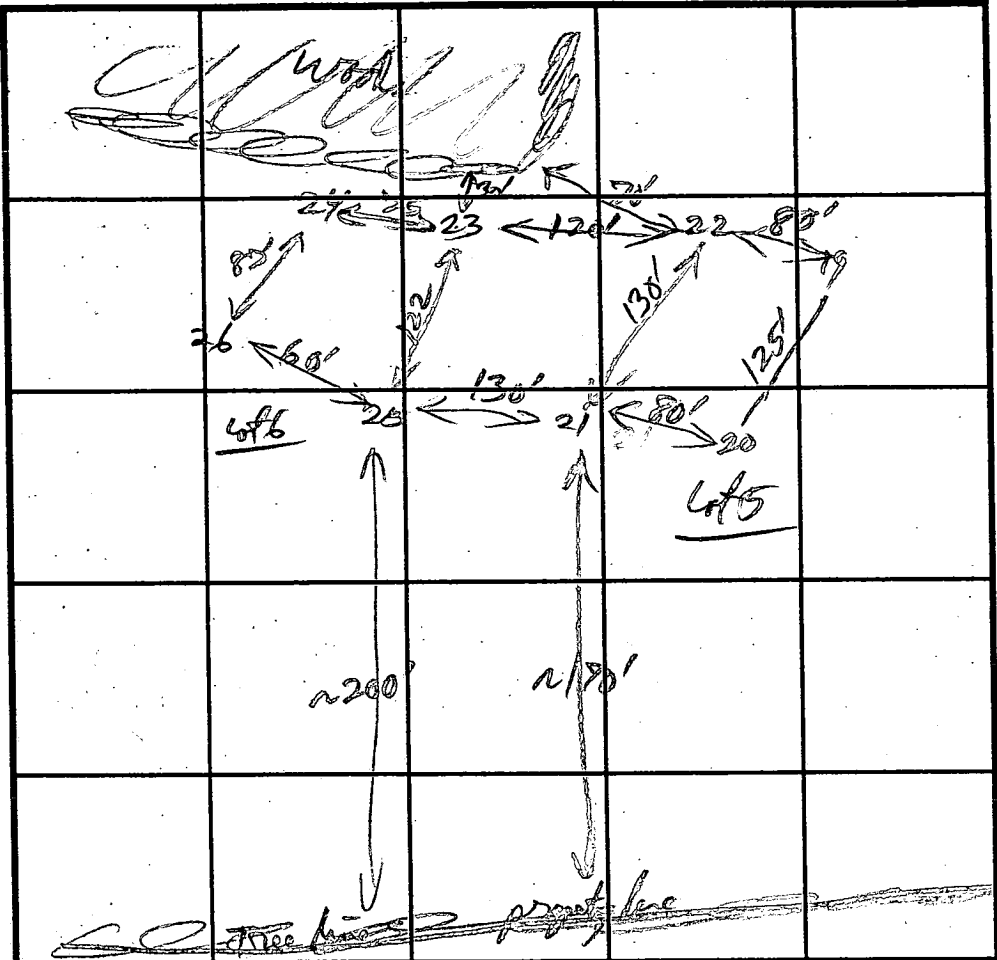
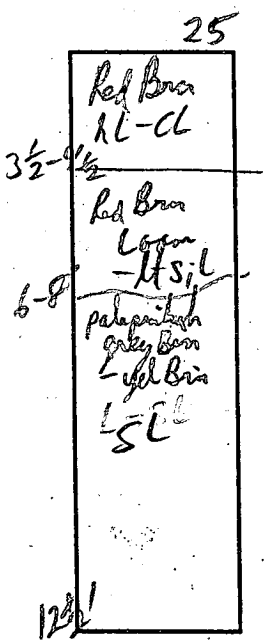
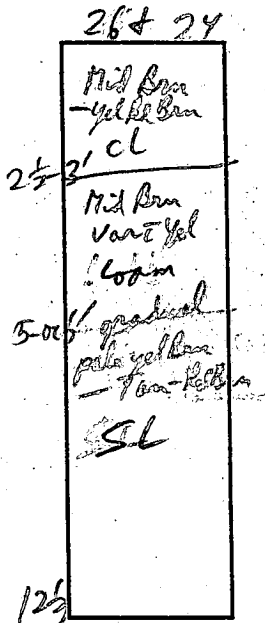
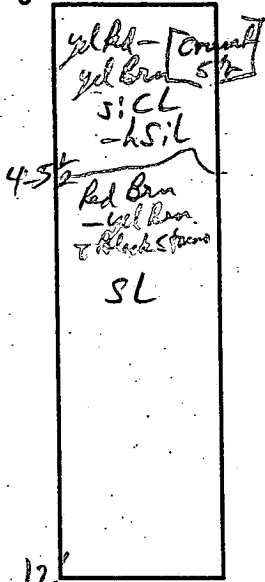
THIS IS NOT A PERMIT

486 499184

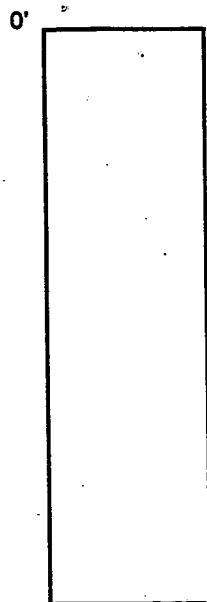
COUNTY #

SOIL PROFILE

23



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-4-94	23	6"	4:06:20	4:16:00	4:16:00	4:26:00	10 min
		1/2' 9"	3:58:00	← Mixed →	2"	4:05:00	4 min
	24	4"	4:13:50	4:22:00	4:22:00	4:32:20	10 min
		1/2' 8 1/2"	4:14:40	4:19:00	4:19:00	4:28:08	6 min
	25	6 1/2"	4:16:00	4:22:00	4:22:00	4:29:40	8 min
		1/2' 9"	4:17:00	Mixed	(1 1/2) =	4:28:00	7 min
	26	4"	4:30:00	4:36:30	4:36:30	4:59:00	23 min
		1/2' 8 1/2"	4:30:30	4:36:30	4:36:30	4:50:00	14 min
		1/2'					

REMARKS _____

TYPE OF SOIL CL

TESTED BY [Signature] ALSO PRESENT Dwight J. Knudsen

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 11 min TRENCH WIDTH 2

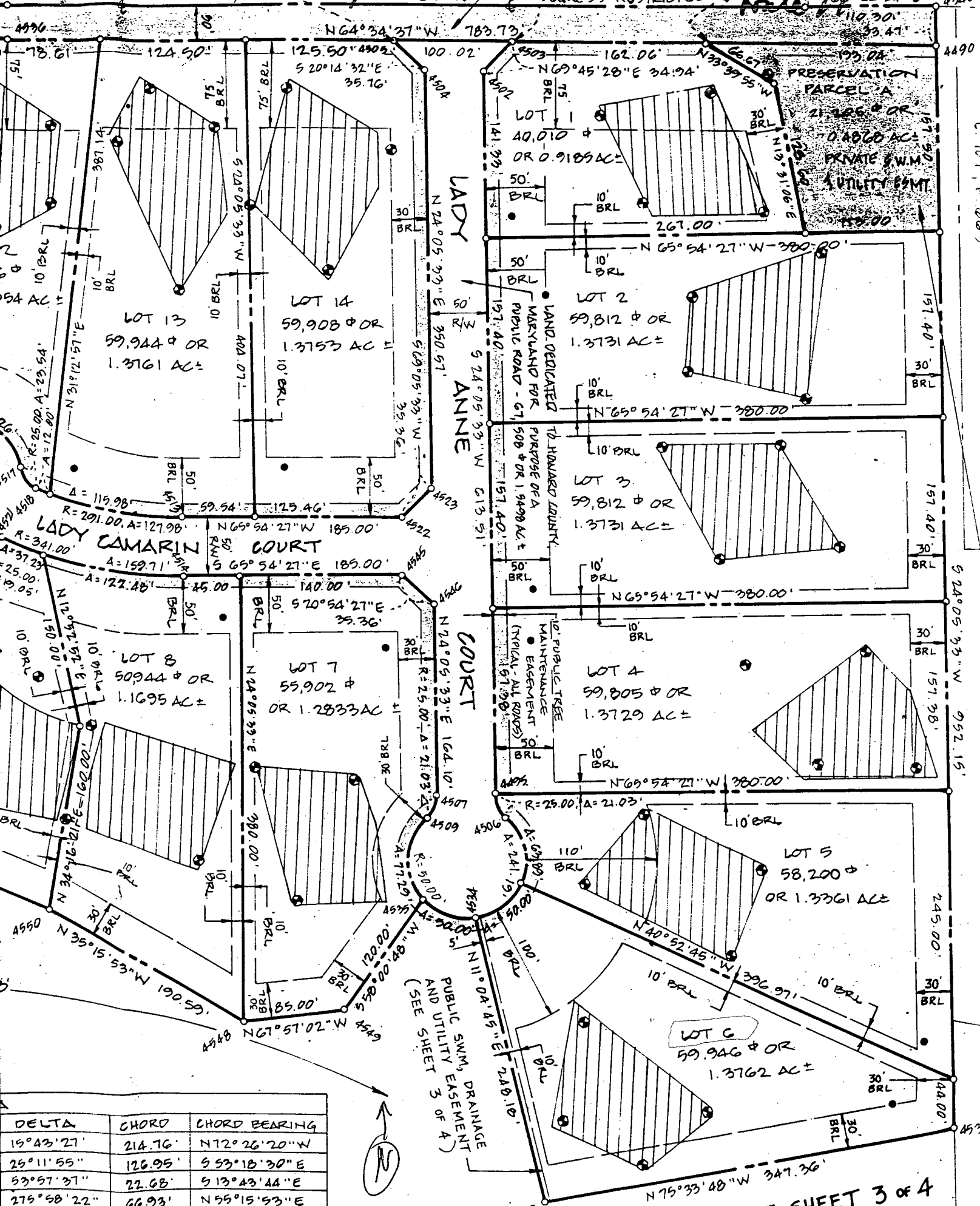
INLET DEPTH 4 1/2 MAXIMUM BOTTOM DEPTH 9 1/2 SQ. FT./BEDROOM 210

11/8/82

VEHICULAR INGRESS RESTRICTED 3667

Signed Final **Royal Hollow**
 S 64° 34' 37" E 671.76'

MARYLAND FOR PURPOSE OF A PUBLIC ROAD - 31.402 ± OR 0.1227 AC ±
 VEHICULAR INGRESS AND EGRESS RESTRICTED



DELTA	CHORD	CHORD BEARING
19° 43' 27"	214.76'	N 72° 26' 20" W
29° 11' 55"	126.95'	S 53° 18' 30" E
53° 57' 37"	22.68'	S 13° 43' 44" E
275° 58' 22"	66.93'	N 55° 15' 53" E
43° 38' 54"	18.59'	N 60° 53' 51" W

SEE SHEET 3 OF 4

3/30/99

To: Avis Corbin
From: Pete Ryan
C&P Homes Inc.

I wish to amend my bldg. permit (B-00116566),
Lot #6 Royal Hollow - 921 Lady Anne Ct.
Mt. Airy, Md. 21771

We are changing the location of the house. The house will remain the same. This amendment was required from Ho. Co. Health Dept. - Donna Soe. See attached plot plans. Please call if there are any problems or questions.

Thank you,
Pete Ryan
(410)-795-1800

cc: Health

3/31/99 Revision to house location
OK as shown. *Donna Soe*
Health Dept.

B 1 **3400** SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER **HO-94-0966**
70 fill in this form completely 78

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

Date Received (APA) **073/96**

OWNER INFORMATION

LEE DEVELOPMENT
15- Last Name Owner First Name 34

8601 GEORGIA AVE
36 Street or RFD 55

SILVER SPRING MD 20910
57 Town 70 State 72 Zip 76

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD

George F. Easterday 40

Driller's Name 77 License No. 80

L. Franklin Easterday, Inc.

Firm Name

9265 Brown Church Rd., MT. Airy, Md. 21771

Address

George F. Easterday 7-30-96

Signature Date

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)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **200** FEET.

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** **Jetted & DRIVEN**

AIR-ROTary **AIR-PERCussion** **ROTARY (Hydraulic, Rotary)**

CABLE **REverse-ROTary** **DRive-POINT**

other _____

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

D THIS WELL WILL DEEPEN 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 **HO99GAP016**

FORCE **RA** WRITE INITIALS IN BOX PERMIT No. **HO-94-0966**

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

B 3 LOCATION OF WELL

HOWARD COUNTY

ROYAL HOLLOW SUBDIVISION

SECTION **6** LOT **6**

LISBON NEAREST TOWN

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

B 4

LADY ANNE CT NEAR WHAT ROAD

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD **375** FT

TAX MAP: **7** BLK: **6** PARCEL **84**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME

A 49918 H COUNTY NO.

STATE SIGNATURE _____ DATE ISSUED **10/2/96** INSERT S **10/2/98**

102996 CO SIGNATURE _____ EXP. DATE **10/2/97**

NORTH GRID **551000** EAST GRID **0779000**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **Wells**

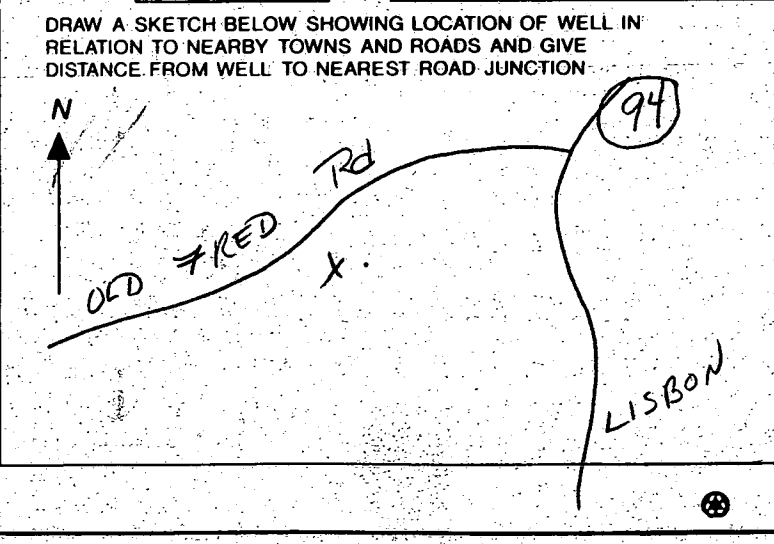
2. _____

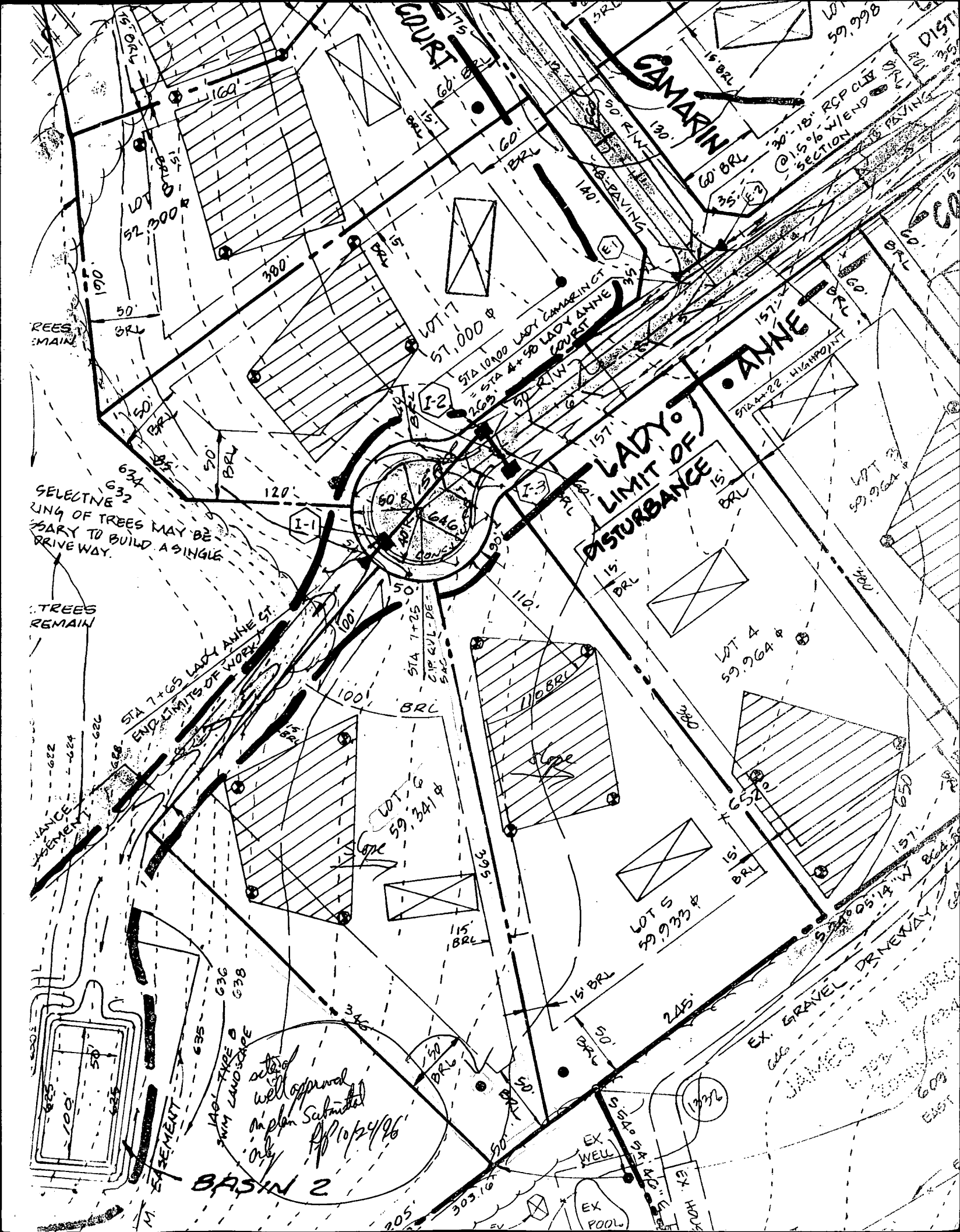
3. _____

WRITE THE BOX NUMBER FROM THE MAP HERE.

7729

5521



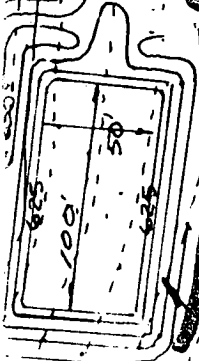


SELECTIVE
LING OF TREES MAY BE
SARY TO BUILD A SINGLE
DRIVEWAY.

TREES
REMAIN

STA 7+65 LADY ANNE ST.
END LIMITS OF WORK

EASEMENT
622
624



set of
well approval
in plan Submitted
10/24/96

BASIN 2

LADY OF
LIMITS
DISTURBANCE

CAMARIN

COURT

LADY ANNE

LADY CAMARIN CT
LADY ANNE COURT

LOT 17
57,000

LOT 6
59,341

LOT 5
59,933

LOT 4
59,964

LOT
59,998

18" RCP CL
@ 1.5% W/END
SECTION

STA 22
VIAPPOINT

STA 7+25
CIP CUL-DE
SAC

EX WELL

EX POOL

1376

EX GRAVEL DRIVEWAY
JAMES M. BORO
603
EAST



L. FRANKLIN EASTERDAY, INC.

WELL DRILLING - TRENCHING - PUMPS & SERVICE

9265 Brown Church Rd., Mt. Airy, Maryland 21771

PHONE: 301-829-1640 • FAX: 301-829-2667

December 4, 1997

Craig Williams
Howard County Health Dept.
3525 Ellicott Mills Drive
Ellicott City, Md. 21043

RE: State Well Permits
Royal Hollow Subdivision

Dear Mr. Williams:

Please renew the nine following state well permits for the above referenced subdivision for another year.

Lot 2	HO-94-0943 ✓
Lot 3	HO-94-0944 ✓
Lot 4	HO-94-0945 ✓
Lot 5	HO-94-0965 ✓
Lot 6	HO-94-0966 ✓ extended to 10/24/98
Lot 9	HO-94-0962 ✓
Lot 10	HO-94-0963 ✓
Lot 11	HO-94-0964 ✓
Preservation Parcel	HO-94-0967 ✓

Please advise if this is a problem, otherwise we will consider the matter taken care of. Thank you for your prompt attention to this matter.

Very truly yours,

George F. Easterday
George F. Easterday, CWD/PI
Vice President
MWD 040

CFE/sve

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

FAX: 313-2648 PHONE: 313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 7/10/99

Name of Installer ROBERT L. FEEZER CO. INC.

Telephone _____

License Number 2122

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner C&P HOMES (PETE RYAN) Telephone 410-785-1800

Subdivision ROYAL HOLLOW Lot # 6 Well Tag # HO 94-0966

Site Address 921 LADY ANNETT.

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible
- Make STARTE
- Model # SP4D22H103
- Capacity 5 GPM

Motor

- Horsepower 3/4
- RPM 3450
- Voltage
 - 110
 - 220

Pitless Adapter

- Make HMC (H)
- Model # TI 500
- Depth 42"

- Pump exceeds well capacity Yes No
- If Yes, is low pressure cutoff switch installed? Yes No
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Tank

- Capacity 32 GALS.
- Pressure relief valve?

Piping

- Type Poly
- Size 1"
- NSF and/or BOCA Code approved
- Depth of supply line 42"

Well data

- Depth 400 ft.
- Yield 2 GPM
- Static water level _____ ft.
- Will water supply be disinfected by installer?

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.

WPI - OK
7/12/99 - SRK

Signature of Applicant: [Signature]

Date: 7/10/99

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

BY THE ENGINEER:
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Michael Wood 3/12/99
 SIGNATURE OF ENGINEER DATE

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

David B. ... 3/12/99
 SIGNATURE OF DEVELOPER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 3/24/99
 USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John K. ... 3/24/99
 HOWARD SOIL CONSERVATION DISTRICT DATE

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORMED NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

HOWARD SOIL CONSERVATION DISTRICT

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREA/FORM FERTILIZER (9 LBS/1000 SQ. FT.)
- ACCEPTABLE- APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (82 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 80 LBS. PER ACRE (14 LBS/1000 SQ. FT.) OF KENTUCKY 31st FESCUE, FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 80 LBS. KENTUCKY 31st TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (0.5 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS, DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOG. OPTION (3) - SEED WITH 80 LBS./ACRE KENTUCKY 31st TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW

MULCHING- APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES OF 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING FOR NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.)

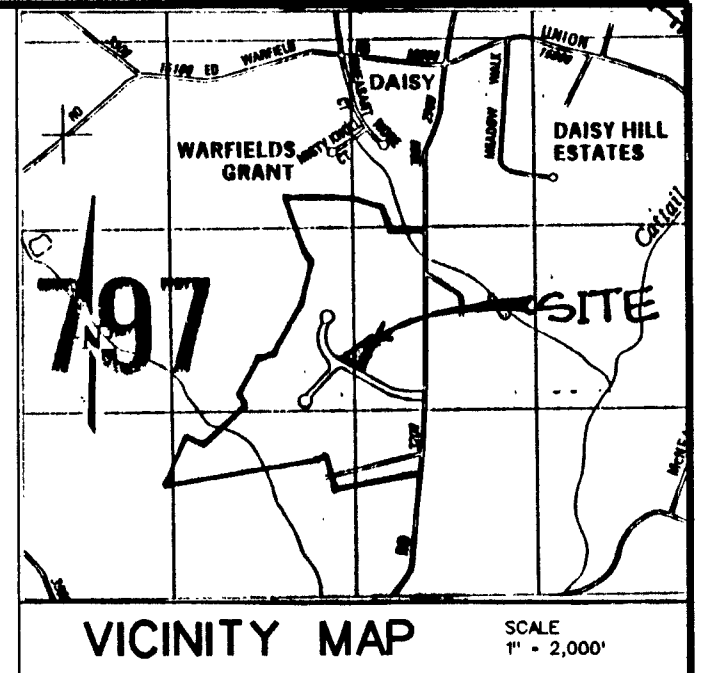
SEEDING: FOR PERIODS MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.) FOR THE PERIOD MAY 1 THROUGH NOVEMBER 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 15 THROUGH NOVEMBER 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOG.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS./1000 SQ. FT.) OF UNROTTED WEED FREE SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL. PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL. PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
- PROPOSED 1500 GALLON SEPTIC TANK.
- A. FIRST FLOOR ELEVATION: 649.67
 B. BASEMENT ELEVATION: 641.05
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 639.1
 D. INVERT AT SEPTIC TANK: 638.7
 E. INVERT OUT AT SEPTIC TANK: 638.5
 F. PROPOSED GRADE OVER SEPTIC TANK: 642.0
 G. INVERT AT DISTRIBUTION BOX: 637.9
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 642.0
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- GRADING DERIVED FROM GRADING / STORM WATER MANAGEMENT PLAN BY VANMAR ASSOCIATES INC. APRIL 1995.



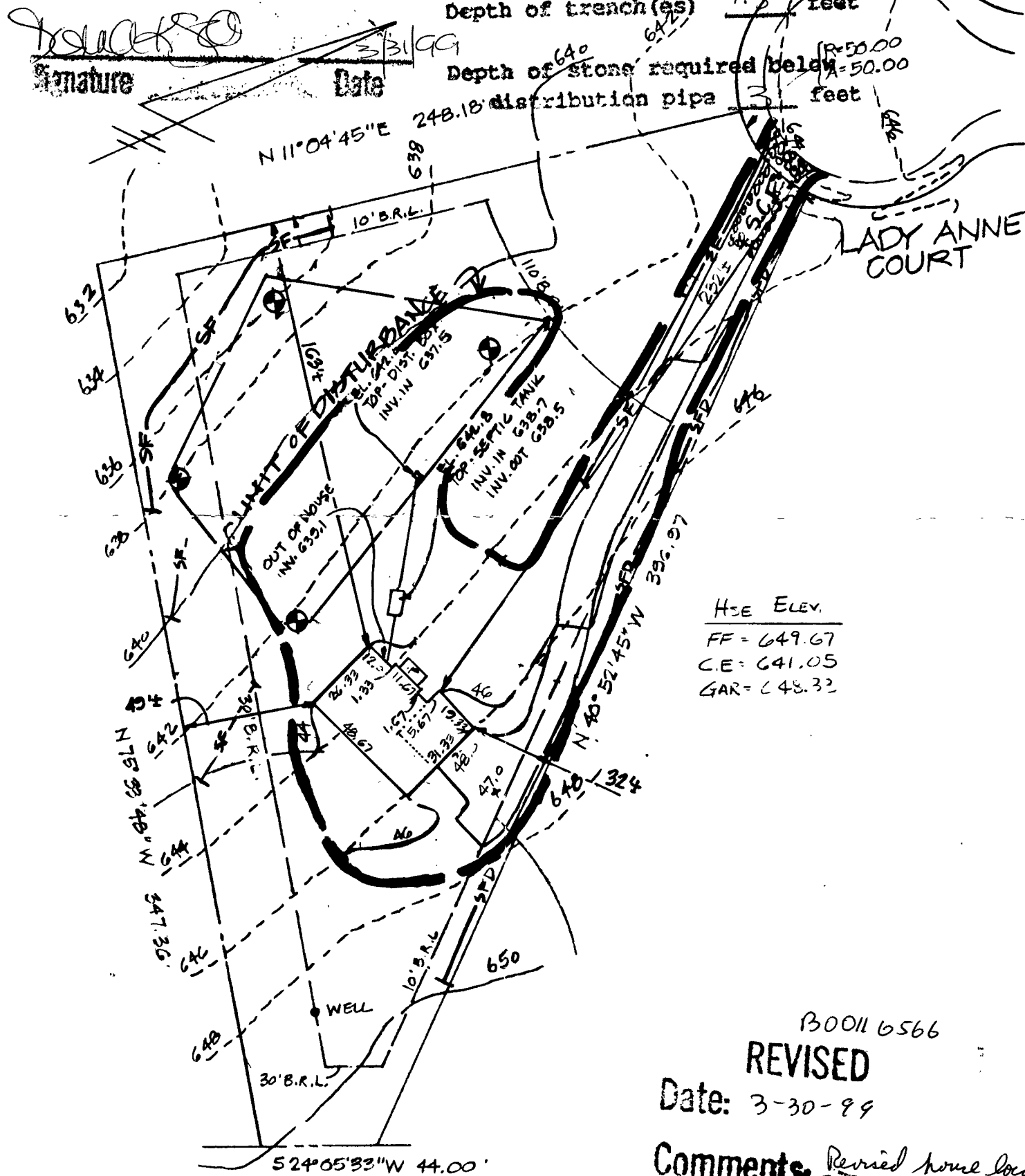
Approved Septic System Plan
 Howard County Health Department

Total linear feet of trench required 280 feet

Width of trench (as) 2 feet

Depth of trench (as) 7.5 feet

Depth of stone required below distribution pipe 5 feet

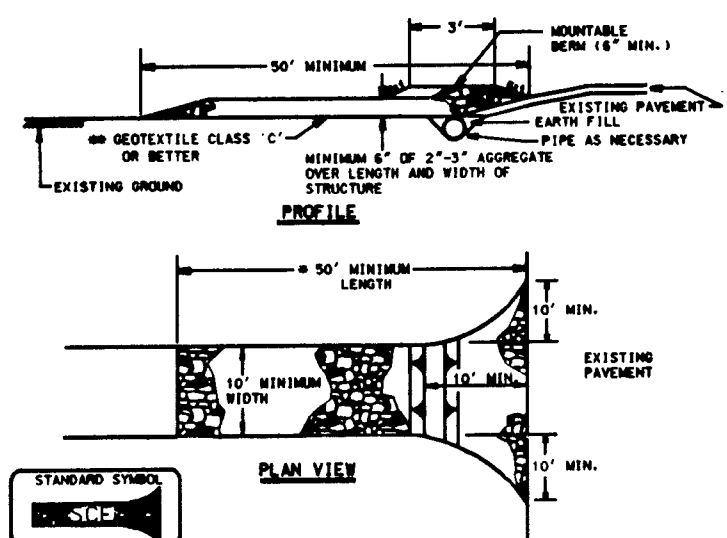


HSE ELEV.
 FF = 649.67
 CE = 641.05
 GAR = 648.33

STANDARD SEDIMENT CONTROL NOTES

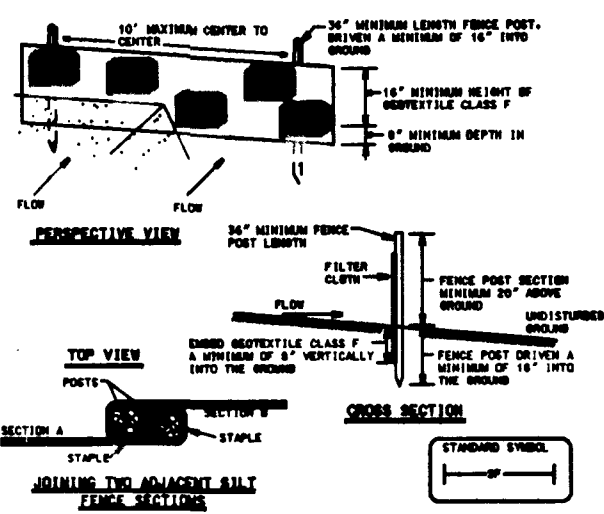
- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION. (312-8661)
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THERE TO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOG (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 TOTAL AREA OF SITE: 1.38 AC.
 AREA DISTURBED: 47 AC.
 AREA TO BE ROOFED OR PAVED:
 AREA TO BE VEGETATIVELY STABILIZED:
 TOTAL CUT: 200 CU. YDS.
 TOTAL FILL: 200 CU. YDS.
 TOTAL EXCESS: 0 CU. YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- Construction Specification
- Length - minimum of 50' (450' for single residence lots).
 - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. After plan approval, a. not require single family residences to use geotextile.
 - Stone - crushed aggregate (1 1/2" to 3") or crushed and recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - all surface water flow shall be diverted toward construction entrances shall be piped through the entrance. Pipe shall be installed through the stabilized construction entrance with 3" slope and 2" diameter. The SCE is located at a high spot and to be sized according to the drainage. Pipe should be sized according to the amount of runoff.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic is a construction site. Vehicles leaving the site must travel over the entrance.

DETAIL 22 - SILT FENCE

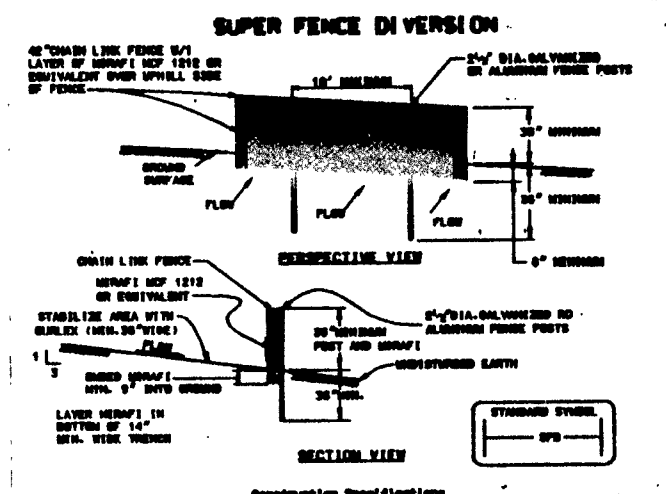


- Construction Specifications
- Fence posts shall be a minimum of 36" long @ 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) and 1 1/2" diameter (minimum) round one shall be of equal quality hardwood. Steel posts will be 1 1/2" x 1 1/2" square (minimum) and 1 1/2" diameter (minimum).
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and bottom and shall meet the following requirements for Geotextile Class F:
 Tensile Strength: 50 lbs/in (min.) Tensile Break: 500
 Tensile Modulus: 20 lbs/in (min.) Tensile Break: 500
 Filter Rating: 0.25 mm (max.) Tensile Break: 300
 Filtering Efficiency: 75% (min.) Tensile Break: 300
 - Stone ends of geotextile fabric shall overlap. They shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when silt accumulates or when sediment accumulation reaches 50% of the fabric height.

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Minimum) Silt Fence Length
Flatter than 8:1	unlimited	unlimited
8:1 to 10:1	125 feet	100 feet
10:1 to 1:1	100 feet	75 feet
1:1 to 3:1	50 feet	50 feet
3:1 to 2:1	40 feet	25 feet
2:1 and steeper	25 feet	15 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) minimum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.



- Construction Specifications
- Fencing shall be 48" in height and constructed in accordance with the latest Maryland State Highway Design and Construction Manual (1983). The specifications for a 6" x 6" fence shall be used, substituting 48" height and 6" length posts. Posts shall be placed without concrete embedment.
 - Chain link fence to be fastened securely to the fence posts with wire ties or staples. The lower tension wire, screen and frame rails of the fence and post caps are not required except at the ends of the fence.
 - Filter cloth shall be fastened securely to the chain link fence with wire ties spaced every 24" at the top and side sections.
 - Filter cloth shall be subsided a minimum of 6" into the ground.
 - When two sections of diversion cloth adjoin each other, they shall be overlapped by 6" and stapled.
 - Maintenance shall be performed as needed.

PLAN TO ACCOMPANY APPLICATION
 FOR BUILDING PERMIT
 ROYAL HOLLOW
 LOT G

4TH ELECTION DIST. HOWARD COUNTY, MD.
 TAX MAP 7 PARCEL 84

300116566
 REVISED
 Date: 3-30-99
 Comments: Revised home location per Health Dept

CLSI
 Carroll Land Services
 Incorporated
 Engineers • Surveyors • Land Development Consultants
 Landscape Architects • Environmental Specialists

439 East Main Street Westminster, MD 21157-5539
 (410) 876-2017 FAX (410) 876-0009

Surveyed By: _____ Drawn By: _____
 Computed By: _____ Checked By: _____

Dennis E. Meckley
 Property Line Surveyor
 Registration No. 10844
 Date: 3/12/99
 Drawing No.: 98107
 County File No.: 6P99-160

CAD Drawing File Name:

HOWARD COUNTY PERMIT APPLICATION

PERMIT NUMBER
B00116566

Building Address 921 Ladyanne Ct.
Mt. Airy Md 21771
 Suite/Apt. #: _____ SDP/WP/Petition #: #6
 Census Tract 644 Subdivision Royal Hollow
 Section N/A Area N/A Lot #6
 Tax Map 7 Parcel 84 Grid 5
 Zoning R-10 Map Coordinates 388 Lot size 1.3762

Property Owner's Name C & P Homes Inc.
 Address 16013 Lady Camarin Ct.
 City Mt. Airy State MD Zip Code 21771
 Home Phone 4104892468 Work Phone 4107951800
 Applicant's Name & Mailing Address, (if other than stated hereon): _____
 Phone 410 Fax _____

Existing Use vacant lot
 Proposed Use single family dwelling
 Estimated Construction Cost \$ 100,000
 Description of Work 2 story w/ basement
attached 2 car garage, 4 bedrooms, 2 1/2 baths
opt. fireplace opt. finished basement

Contractor Company Same as owner
 Contact Person _____
 Address _____
 City _____ State _____ Zip Code _____
 License No. _____
 Phone _____ Fax _____

Occupant or Tenant _____
 Contact Name Petz Ryan
 Address 16013 Lady Camarin Ct.
 City Mt. Airy State MD Zip Code 21771
 Phone 4104892468 Fax 4104892466

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

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

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

Building Characteristics	Utilities
SF Dwelling <input checked="" type="checkbox"/> SF Townhouse <input type="checkbox"/> Depth _____ Width _____	Water Supply: _____ <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private
1st floor: _____	Sewage Disposal: _____ <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private
2nd floor: _____	Electric Yes <input type="checkbox"/> No <input type="checkbox"/> Gas Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Basement: _____	Heating System: _____ Electric <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas <input type="checkbox"/>
Finished Basement <input type="checkbox"/> Unfinished Basement <input checked="" type="checkbox"/> Crawl space <input type="checkbox"/> Slab on Grade <input checked="" type="checkbox"/> No. of Bedrooms _____	Sprinkler system: <u>N/A</u> <input checked="" type="checkbox"/> <input type="checkbox"/> NFPA #13D <input type="checkbox"/> NFPA #13R Other: _____
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	

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 THERETO; (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 PURPOSES OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Petz Ryan
 Applicant's Signature
C & P Homes Inc.
 Title/Company

Cynthia Ryan C & P Homes Inc.
 Print Name
3/19/99
 Date

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

AGENCY	DATE	SIGNATURE APPROVAL
<input checked="" type="checkbox"/> Land Development DPZ		
<input checked="" type="checkbox"/> State Highways		
<input checked="" type="checkbox"/> Building Official		
<input checked="" type="checkbox"/> Dev. Engineering DPZ		
<input checked="" type="checkbox"/> Health	<u>3/11/99</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> Fire Protection		
Is Sediment Control approval required prior to issuance? YES <input type="checkbox"/> NO <input type="checkbox"/>		
CONTINGENCY CONSTRUCTION START: <input type="checkbox"/>		
ONE STOP SHOP: <input type="checkbox"/>		

DPZ SETBACK INFORMATION

Front: _____
 Rear: _____
 Side: _____
 Side St.: _____
 All minimum setbacks met? YES NO
 Is Entrance Permit required? YES NO
 Historic District? YES NO
 Lot Coverage for NewTown Zone _____
 SDP/Red-line approval date _____

PROPERTY ID#: 40047

Filing fee	\$ _____
Permit fee	\$ _____
Excise tax	\$ _____
Sub-total paid	\$ _____
Add'l permit fee	\$ _____
TOTAL FEES	\$ _____
Balance due	\$ _____
Check	# <u>1078</u>
Validation	# _____