

9/14/97  
open trench early  
9/15/97 1PM  
AFTER lunch (1-2)

# PERMIT

## SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

### INDEXED

P 58941

A 50385-B

DISTRICT 4th

DATE 8/27/97

DATE SYSTEM APPROVED 9/15/97

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXX~~ 313-2640

# 357582

Paul H. Dymond Corporation IS PERMITTED TO INSTALL  ALTER

ADDRESS 14631 Red Lion Drive, Woodbine, Maryland 21797 PHONE 301-442-5774

SUBDIVISION Stella's Choice LOT 2 ROAD 1009 Bradford Lane

PROPERTY OWNER Olegario and Claire Ramirez

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 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 90 feet up the right (287.35') and 80 feet off that same lot line as seen when facing the lot from Bradford Lane. Run trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 5/29/97 DLS

PLANS APPROVED BY Amy McMillen/Glen Savage REVISED \_\_\_\_\_ DATE 05/22/97

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

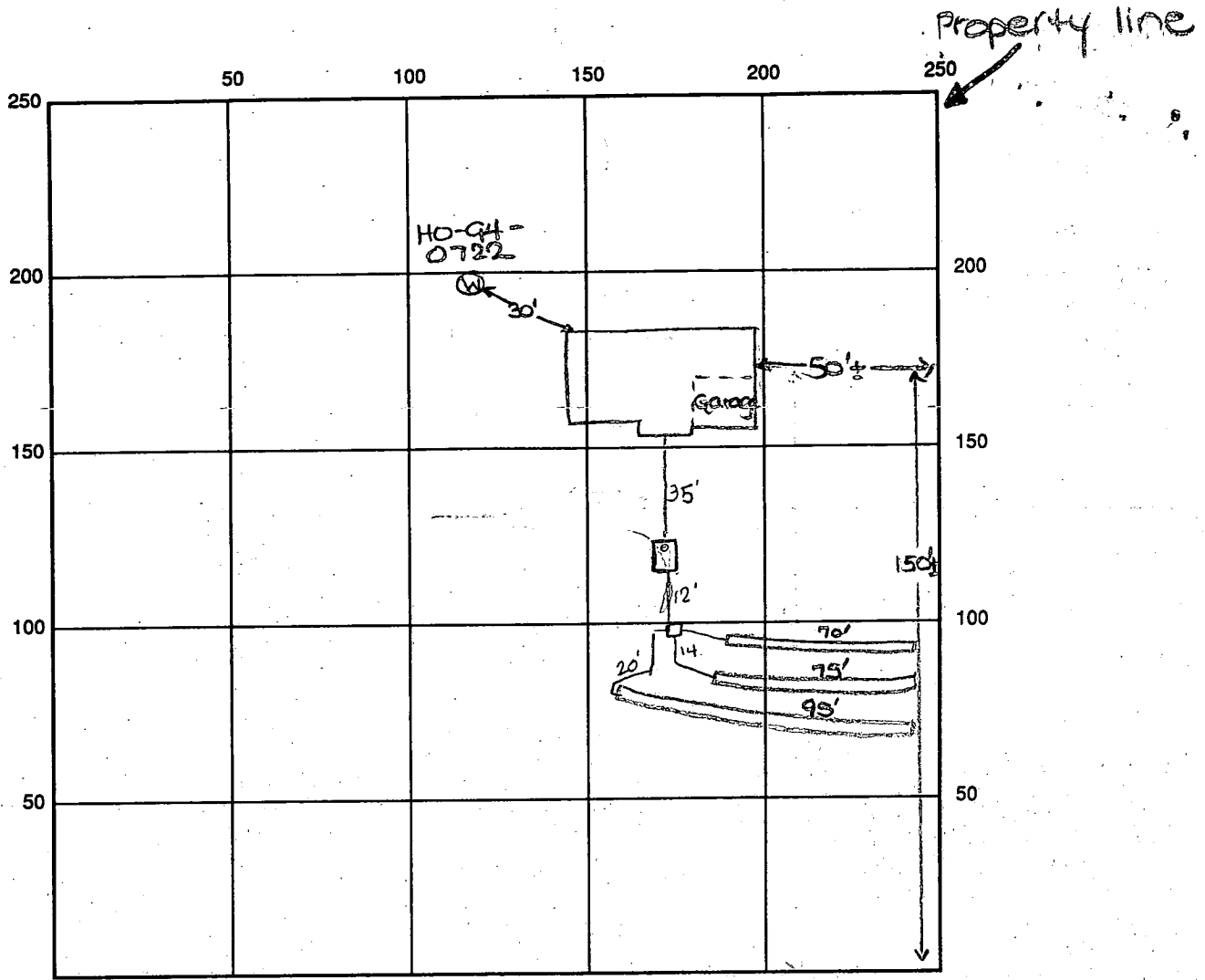
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED. Sumner

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

**REG. PERMIT SIGNED  
AND RETURNED 5-6-99**  
Serial # B 1011768

A 50385B



90  
78  
95  
260

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Bradford Lane

SEPTIC TANK LEVEL OK 1250 gal CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK baffel 15 in

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

EFFECTIVE GRAVEL DEPTH 2.0 FT. TOTAL LENGTH 260 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 780 SQ. FT.  $\frac{260 \times 3}{1}$

DRYWALL INSIDE DIAMETER      FT. EFFECTIVE DEPTH BELOW INLET      FT.

ABSORBENT AREA      SQ. FT.

REMARKS: 9/4/97 OK to stone trenches and continue work.  
\* House location different than approved plan, house  
actually located as shown above. Change in house  
location did not affect well/septic. DKS 9/5/97 OK to  
cover all work after last trench has pipe & all trenches  
are papered - materials on-site ALM

DATE SYSTEM APPROVED 9/5/97 INSPECTOR A McMullen

# APPLICATION

PERCOLATION TESTING

A 50385B

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 11/10/94

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 William D. & Linda C. Hough OLEGARIO + CLAIRE RAMIREZ

ADDRESS 17383 Hardy Road, Mt. Airy, MD 21771 PHONE (410) 795-5596

AGENT OR PROSPECTIVE BUYER Same

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Hough Property Lot 6 Resubdivision LOT NO. 2

ROAD AND DESCRIPTION North side 17000 block of Hardy Road; 5100 +/- feet west of  
St. Michael Road. (1009 Bradford Lane)

TAX MAP 7 PARCEL # 390

**BLDG. PERMIT SIGNED**  
**AND RETURNED 5-22-97**  
*Serial # B00105715*

SIZE OF LOT 60,000 SF TYPE BLDG. Single Family - 4 Bm  
(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. William D. Hough  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 12/7 To redesign perc area some chd

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

A 50385 B

COUNTY #

LOT 2  
SOIL PROFILE

Hole ①

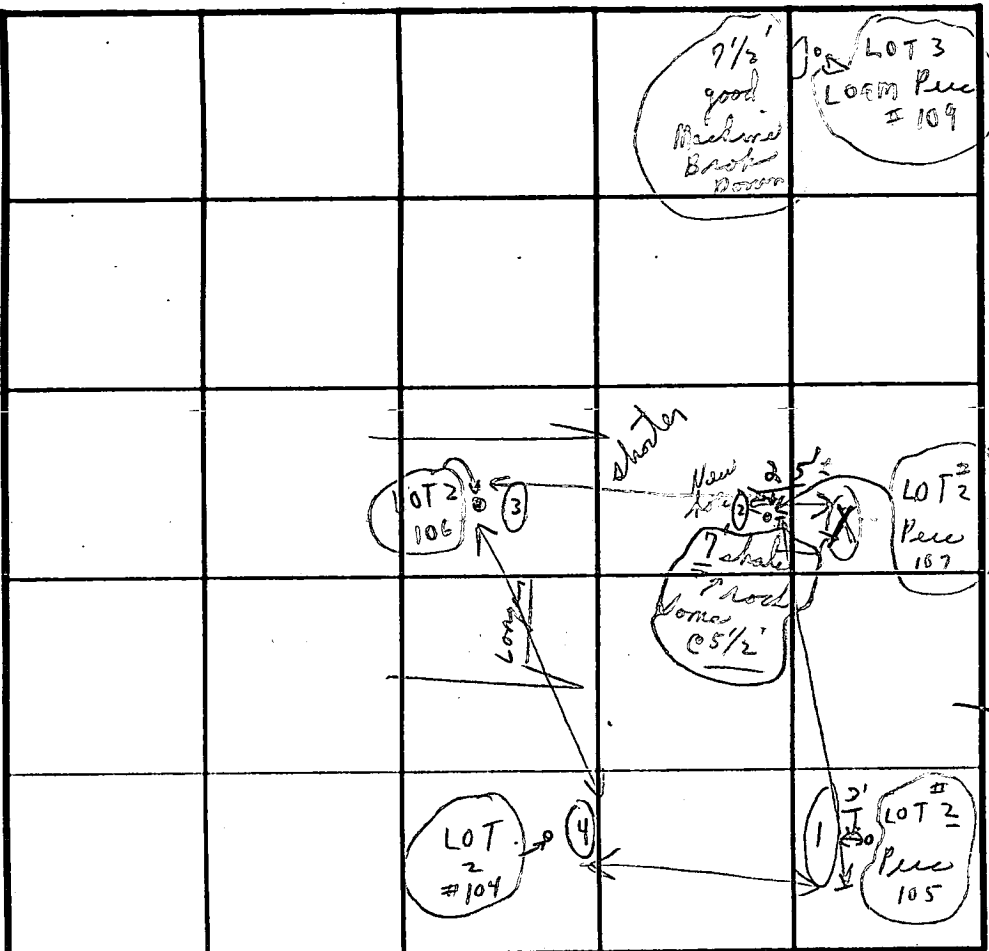
0'-4 1/2"  
Clay  
4'  
↓  
LOAM  
↓  
DRY  
11'-3"

Hole ②

0'-4'  
Clay  
4'  
↓  
LOAM  
↓  
Dry  
11'

Hole ③

0'-4 1/4"  
Clay  
4 1/4"  
↓  
LOAM  
↓  
11'



SOIL PROFILE

Hole ④

0'-4 1/4"  
Clay  
4'-4"  
LOAM  
↓  
11 1/2'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/7/94	#105 ①	4'	9:50	9:57			1m
	LOT #2	11'3"	Loam dry				
	#107	11'	Loam				
	②	4'	12:26	12:30	12:30	12:36	6m ±
	#106 ③	4'-4"	12:28	12:32	12:32	12:37	5m
	③	11'	LOAM				
	④	4'4"	12:42	12:44	12:44	12:47	3m
	LOT 2 #104	11 1/2'	LOAM				

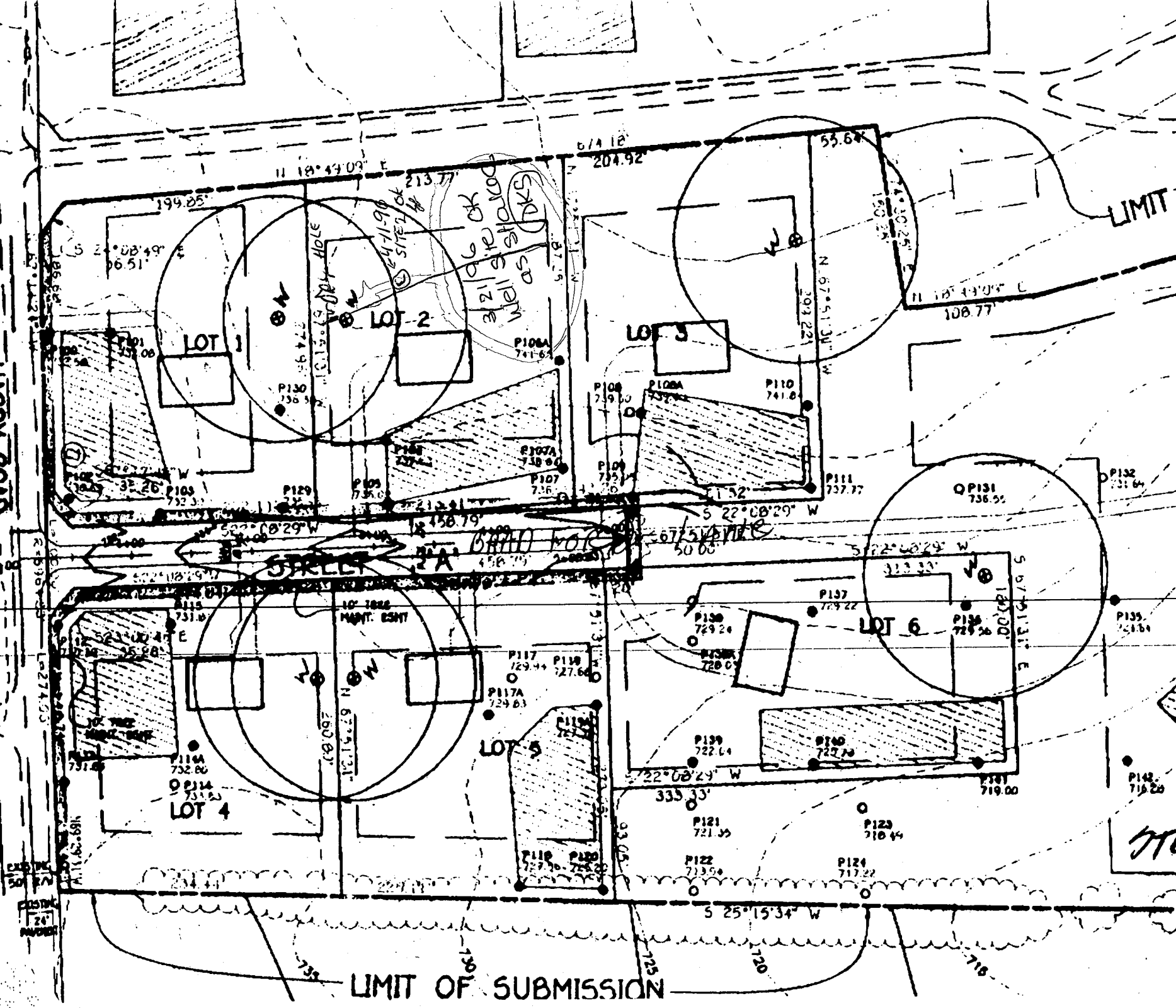
REMARKS: 12/7 Tests per stakes; Tests in open ③ hole  
 TYPE OF SOIL: Loam - below clay as noted in notes  
 TESTED BY: [Signature] ALSO PRESENT: ALLEN-DZIGER, DAVID KREH  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

#791 P02

TEL NO: 750-1947

6/11/38 ID:

**HARDY ROAD  
(LOCAL ROAD)**



LIMIT OF SUBMISSION

LIMIT

SPLIT

BRAD MO

LOT 1

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

24  
MAY 1938

B 1 **3059** SEQUENCE NO. (MDE USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type STATE PERMIT NUMBER **40-94-0722**  
70 fill in this form completely 78

Date Received (APA) **031496** OWNER INFORMATION  
**HOUGH** **WILLIAM**  
15 Last Name 34 Owner First Name  
**17383** **HARDY RD**  
36 Street or RFD 55  
**MT AIRY** **MD 21771**  
57 Town 70 State 72 Zip 76

DRILLER INFORMATION CIRCLE: MSD/MGD/MWD  
**Joseph L. MAYNE** **24**  
Driller's Name 77 License No. 80  
**Joseph L. Mayne Well Drilling**  
Firm Name  
**5512 Ridge Rd. Mt. Airy MD 21771**  
Address  
**Joseph L. Mayne 3/13/96**  
Signature Date

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
8 12  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**  
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **260** FEET  
24 28

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST  
NEAREST INCH

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

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROX. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
54 63

FORCE **DS** WRITE INITIALS IN BOX PERMIT No. **40-94-0722**  
67 68 70 71 72 73 74 75 76 77 78 79

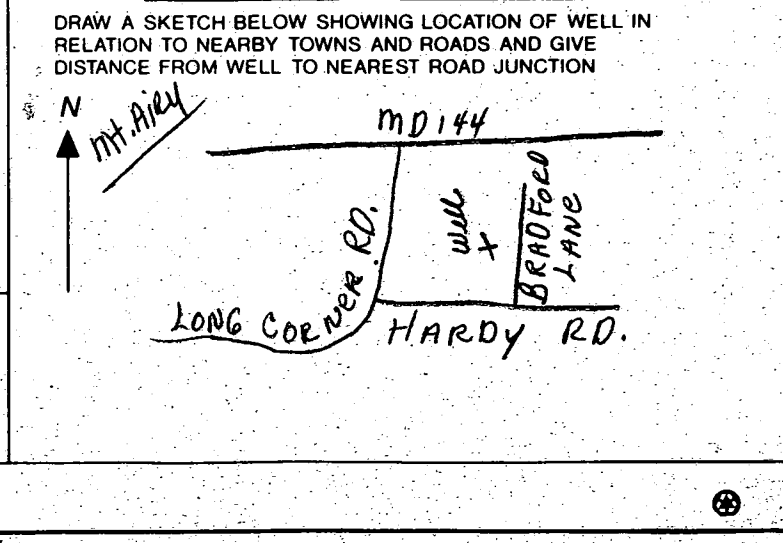
SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

B 3 LOCATION OF WELL  
**HOWARD**  
8 COUNTY 21  
**STELLAS CHOICE**  
23 SUBDIVISION 42  
SECTION \_\_\_\_\_ LOT **2**  
44 46 48 50  
**MT AIRY**  
52 NEAREST TOWN 71  
MILES FROM TOWN (enter 0 if in town) **3 1/2** MI  
73 76 77 78

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
  
**Bradford Lane**  
11 NEAR WHAT ROAD 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 WEST  EAST  
34 37  
**160**  
DISTANCE FROM ROAD  
ENTER FT OR MI **FT**  
38 39  
TAX MAP: **7** BLK: \_\_\_\_\_ PARCEL: **390**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** **A 50385 B**  
COUNTY NAME COUNTY NO.  
STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_  
DATE ISSUED **032296** **Donna K. Goe** **3/21/97**  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **550000** EAST GRID **0765000**  
50 55 57 63

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
**4/18/96 12:00**  
SOURCES OF DRILLING WATER  
1. **Well**  
2. **49' open**  
3. **45' casing**  
**15 bags**  
WRITE THE BOX NUMBER FROM THE MAP HERE  
  
000 000



C1 4159 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER A 50385 B

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 041896

Depth of Well 280 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-94-0722

OWNER Hough William STREET OR RFD Bradford Lane TOWN Mt. Airy SUBDIVISION Stella's Choice SECTION LOT 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT 15 BAGS, NO. OF POUNDS 1410.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter 6 inch, Total depth 45 feet.

SCREEN RECORD: screen type or open hole (HO), STEEL, BRASS BRONZE, PLASTIC, OPEN HOLE, OTHER.

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 12 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S) submersible, CAPACITY: GALLONS PER MINUTE.

NUMBER OF UNSUCCESSFUL WELLS: 1, WELL HYDROFRACTURED (N)

CIRCLE APPROPRIATE LETTER: A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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. 24

DRILLERS SIGNATURE: Joseph L. Mayne

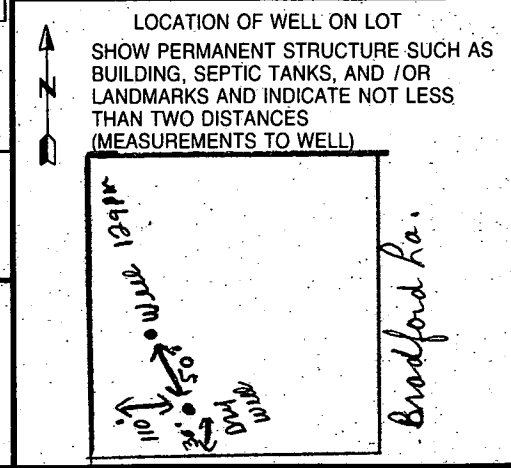
LIC. NO. 27, DRILLERS SIGNATURE: Larry Mayne

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

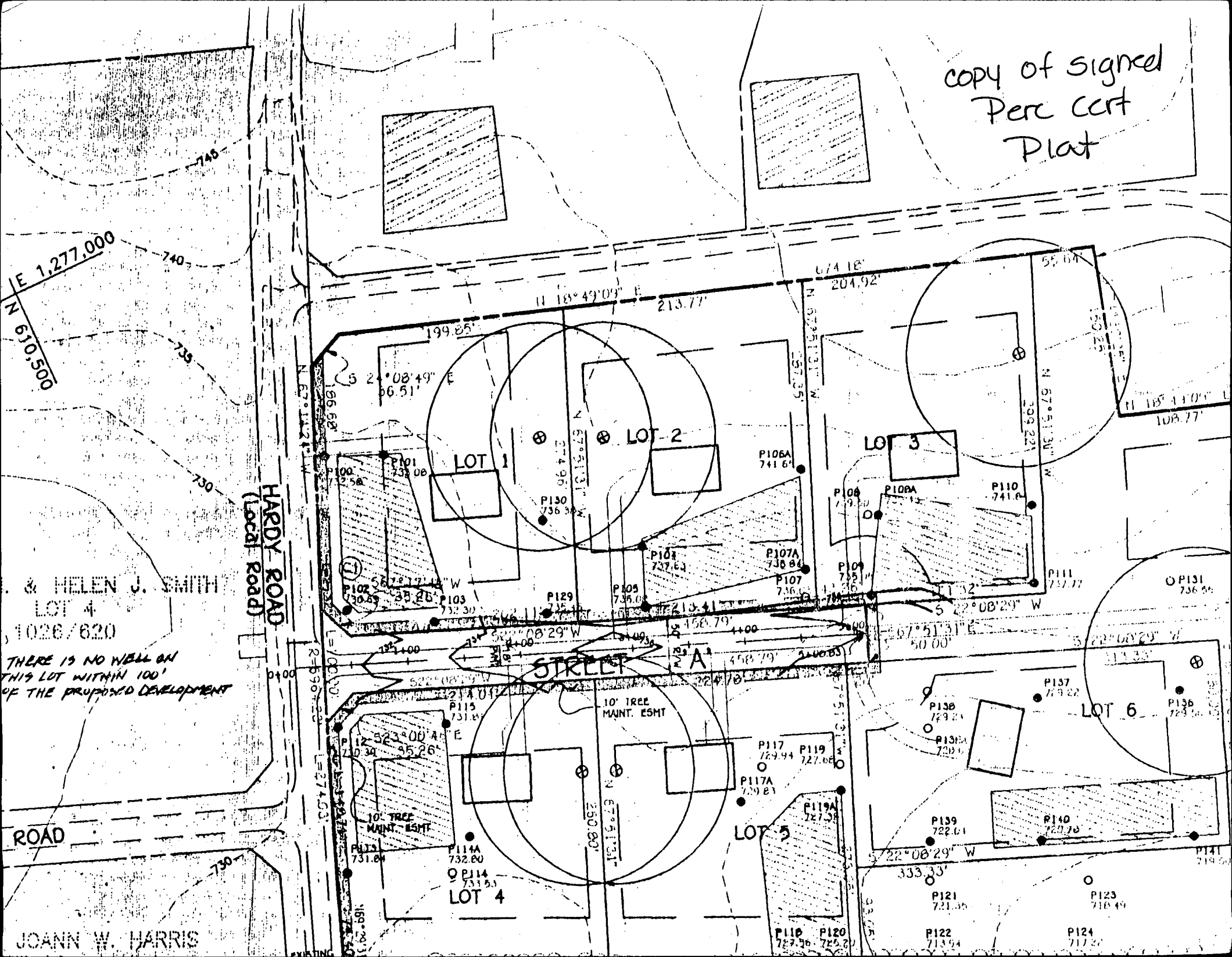
DEPTH (nearest ft.) table with columns for depth intervals and values.

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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA.



copy of signed  
Perc cert  
Plat



E 1,277.000  
N 630.500

& HELEN J. SMITH  
LOT 4  
1026/620

THERE IS NO WELL ON  
THIS LOT WITHIN 100'  
OF THE PROPOSED DEVELOPMENT

ROAD

JOANN W. HARRIS

HARDY ROAD  
(Local Road)

STREET A

LOT 1

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

EXISTING

**TEMPORARY SEEDBED PREPARATION**

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

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

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

SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT); FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (07 LBS/1000 SQ FT); FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 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 SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**PERMANENT SEEDBED PREPARATION**

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

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

1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ FT).
2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC 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 (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 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 SOD. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 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.

**SEDIMENT CONTROL NOTES**

1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION.
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. 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.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (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.
6. 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.
7. SITE ANALYSIS:
 

TOTAL AREA OF SITE	1.36	ACRES
AREA DISTURBED	0.83	ACRES
AREA TO BE ROOFED OR PAVED	0.14	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.69	ACRES
TOTAL CUT	600	CU YDS
TOTAL FILL	600	CU YDS
OFFSITE WASTE/BORROW AREA LOCATION	N/A	
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
10. 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, GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES ARE LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

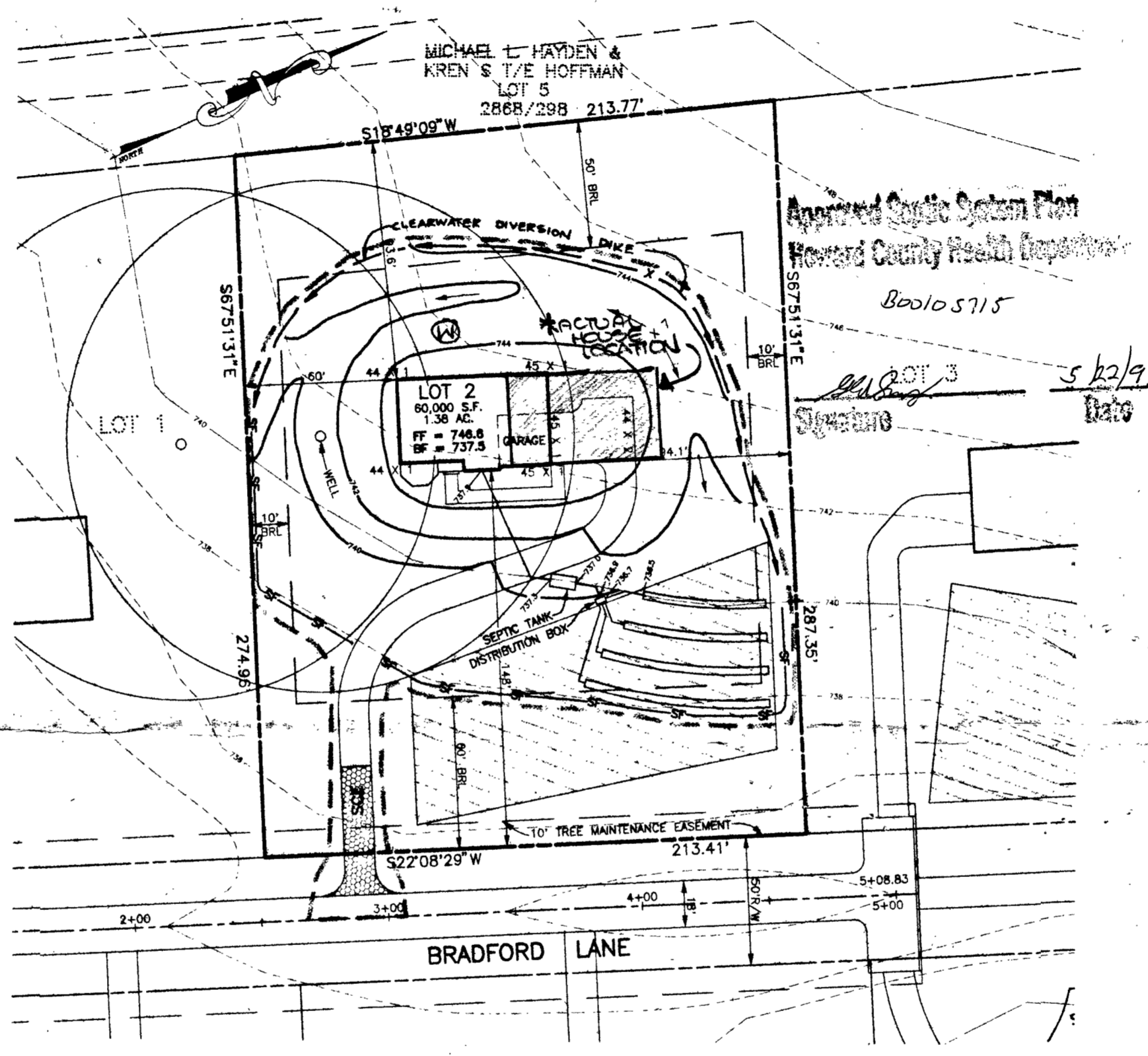
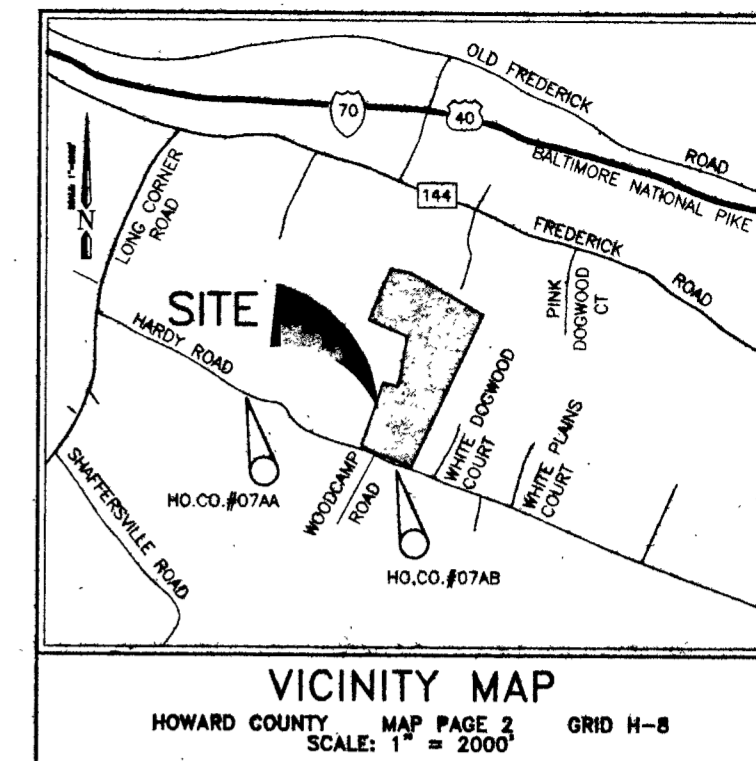
NOTE: ALL SEDIMENT CONTROL FEATURES SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS SHOWN IN THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

**NOTES:**

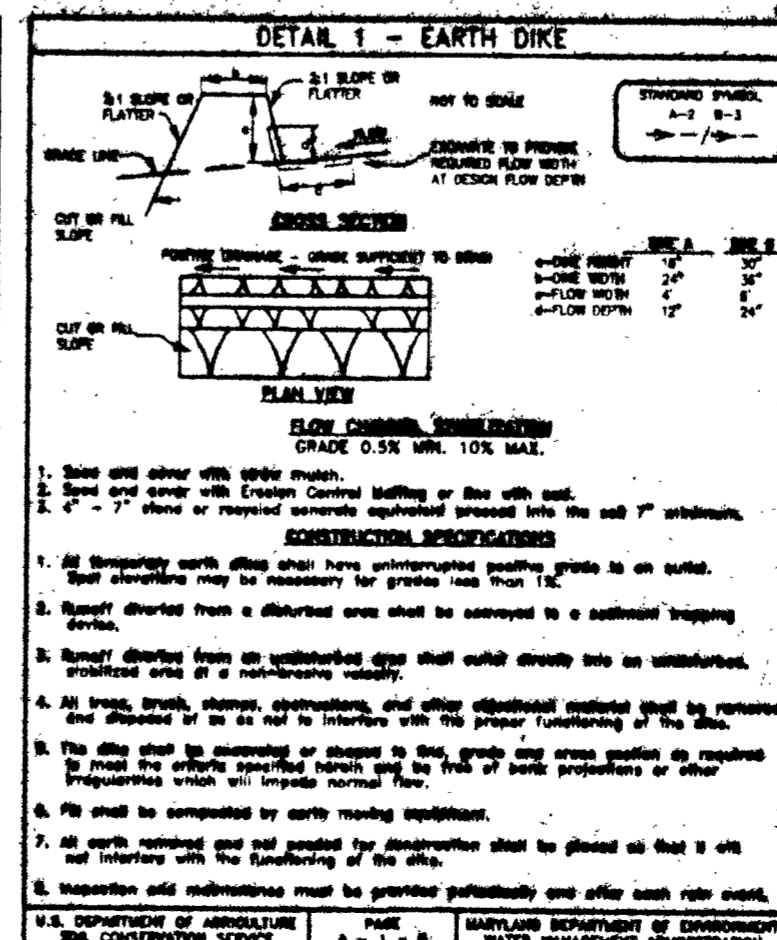
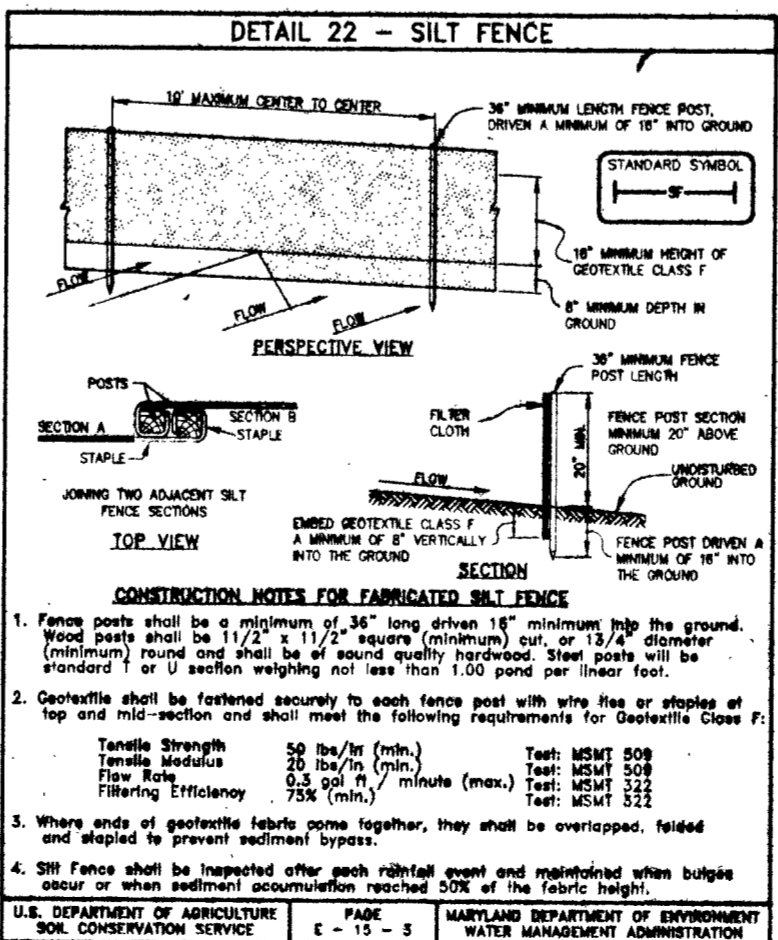
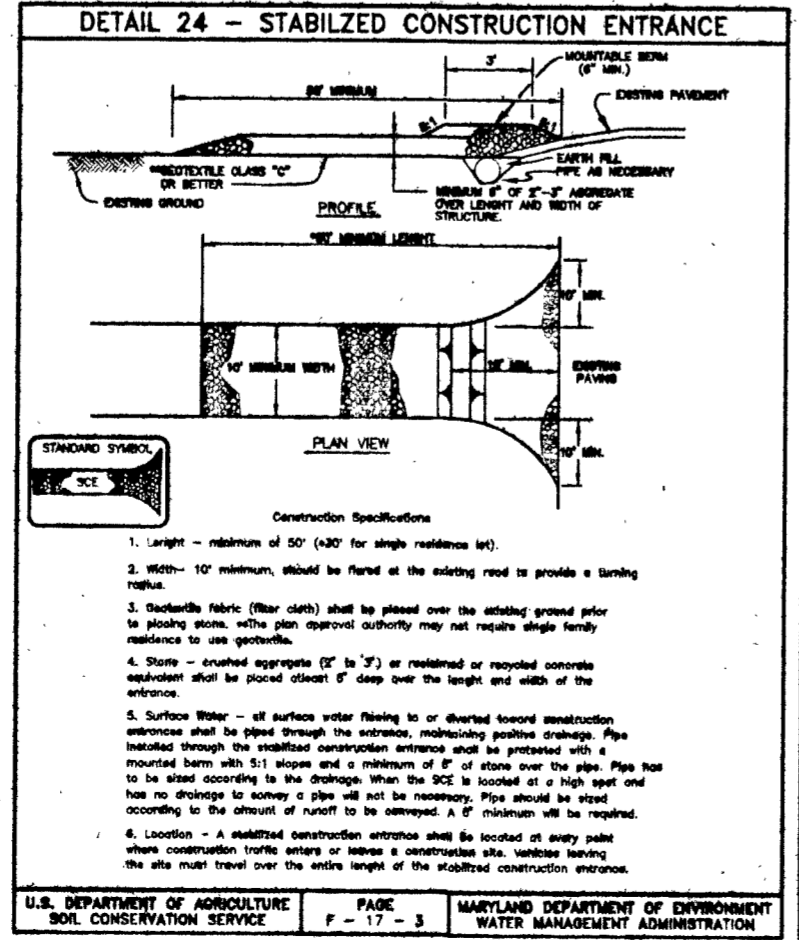
1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID 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 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-95-108 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.

**SEQUENCE OF CONSTRUCTION**

- |           |   |
|-----------|---|
| DAY 1     | OBTAIN A GRADING PERMIT   |
| DAY 2-2   | INSTALL SILT FENCE AND STABILIZE CONSTRUCTION ENTRANCE  |
| DAY 5-10  | GRADE SITE AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDBED NOTES   |
| DAY 11-31 | CONSTRUCT HOUSE, INSTALL DRIVEWAY AND UTILITIES   |
| DAY 32    | STABILIZE ANY REMAINING DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDBED NOTES.   |
| DAY 33-36 | UPON APPROVAL OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDBED NOTES. |



**PLAN**  
SCALE: 1" = 50'



BY THE DEVELOPER:  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT 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.

DEVELOPER: *Abeyto Rajan* 5/9/97 DATE: 5/9/97

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

ENGINEER: *Donald Mason* 5/9/97 DATE: 5/9/97

*Chris Simmonds* 5/15/97 DATE: 5/15/97  
NATURAL RESOURCE CONSERVATION SERVICE  
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

*John K. Roberts* 5/15/97 DATE: 5/15/97  
HOWARD SOIL CONSERVATION DISTRICT

*Donald Mason*  
GP-97-164  
**GRADING PLAN / PLOT PLAN**  
**STELLAS CHOICE**  
LOT 2

TAX MAP NO. 7 PARCEL 390  
PLAT NO. 12105  
4TH ELECTION DISTRICT OF HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: MAY 7, 1997

**T.S.A. GROUP INC.**  
8480 BALTIMORE NATIONAL PIKE, SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
(410) 465-6105

