

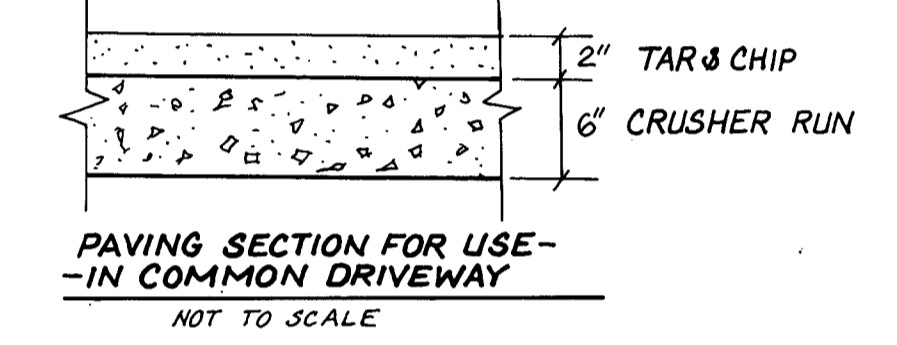
**BENCH MARKS**

Ho. Co. Monument No. 46E3 = N.163254.4726(meters) Elev.=410.06  
E.407801.1581(meters)

Ho. Co. Monument No. 46BA = N.163844.2998(meters) Elev.=426.45  
E.408386.8130(meters)

**GENERAL NOTES: (CONTD)**

16. Driveway(s) shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
  - a) Width- 12 feet (14 feet serving more than one residence).
  - b) Surface-6 inches of compacted crusher run base with tar and chip coating.
  - c) Geometry-Maximum 15% grade, maximum 10% grade change and minimum of 45-foot turning radius.
  - d) Structures (culvert/bridges)-Capable of supporting 25 gross tons (H25 loading).
  - e) Drainage elements-Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface.
  - f) Structure clearances-minimum 12 feet.
  - g) Maintenance-Sufficient to insure all weather use.



**GENERAL NOTES:**

1. Subject property is zoned: R-20 per 10-18-93 Comprehensive Zoning Plan.
2. The total area included in this submission is: 1.9357 Acres.
3. The total number of lots included in this submission is: 3.
4. Improvement to property: Single Family Detached.
5. Department of Planning and Zoning reference file numbers: F-28-150; W 4 3 Cont. # 24-3540; # 24-3635-D AND F-96-102
6. Utilities shown as existing are taken from approved Water and Sewer plans Contract # 24-3540 and # 24-3635-D
7. Any damage to county owned rights-of-way shall be corrected at the developer's expense.
8. All roadways are public and existing.
9. The existing topography was taken from Landscaping, Topographic and Soils Plan prepared by Fisher, Collins and Carter, Inc., dated May, 1998.
10. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers 46E3 & 46BA
11. The contractor shall notify the Department of Public Works/ Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours prior to the start of work.
12. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
13. For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R.6.00
14. A fee in lieu has been paid for Stormwater Management quantity control, and drywells are to be used for quality control!
15. Forest Conservation obligations for this subdivision was met by payment of a fee-in-lieu of \$ 2,613.60 (2 acres of afforestation).
16. Perimeter landscaping has been fulfilled under F-98-159

SHEET INDEX		
DESCRIPTION	SHEET NO.	
SITE DEVELOPMENT/ SEDIMENT & EROSION CONTROL PLANS	1 & 2	
SEDIMENT & EROSION CONTROL DETAILS	3	

ADDRESS CHART		
LOT NUMBER	STREET ADDRESS	
2	11058 Harding Road	
3	11062 Harding Road	
4	11066 Harding Road	

**OWNER / DEVELOPER**

BENSON BRANCH OVERLOOK, LLC.  
C/O MR. DONALD R. REINER, JR.  
LAND DESIGN AND DEVELOPMENT, INC.  
8000 Main Street  
Ellicott City, Md. 21043

**SPECIAL NOTES:**

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-102 and/or approved Water and Sewer Plans Contract #34-3586-D.

SUBDIVISION NAME		SECTION/AREA	LOTS/PARCELS		
CLARKS RIDGE			2, 3 AND 4		
PLAT NO.	BLOCK NO.	ZONE	TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
13551	1	R-20	46	6th	6068.0d
WATER CODE		SEWER CODE			
E-18		7602000			

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED J.P.C.	SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN LOTS 2, 3 AND 4	SCALE 1" = 30'
DRAWN D.M.K.B.		DRAWING 1 of 3
CHECKED J.P.C.	<b>CLARK'S RIDGE</b> SIXTH (6th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 99-059
DATE 5-10-99		FILE NO. 99-059X

FOR: PATRIOT HOMES  
P.O. BOX 108  
Columbia, Maryland 21044

**ENGINEER'S CERTIFICATE**

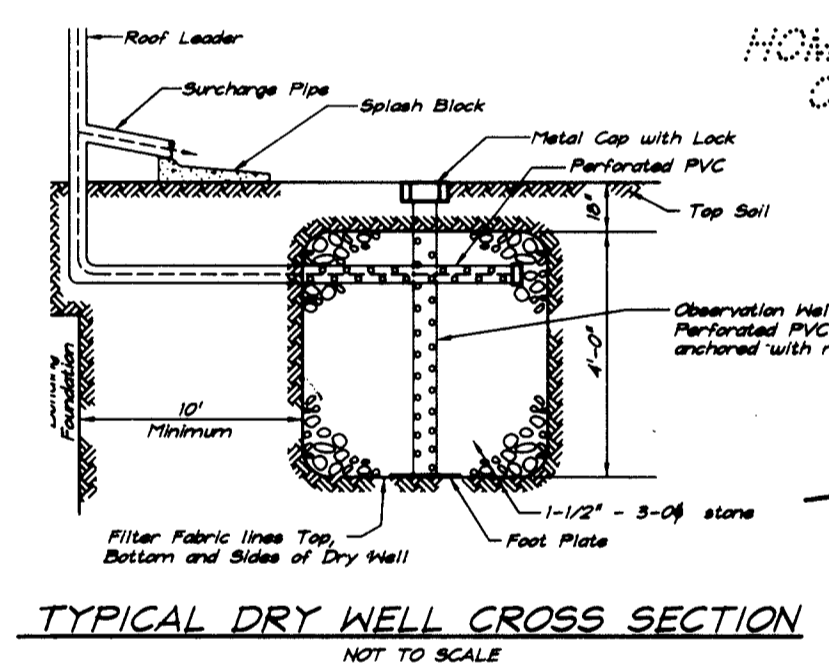
I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*G. Nelson Clark*  
G. NELSON CLARK  
7-9-99  
DATE

**DEVELOPER'S/BUILDER'S CERTIFICATE**

I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all 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 or their authorized agents, as are deemed necessary.

*D. W. Kunkle*  
D. W. KUNKLE  
5-10-99  
DATE



DRY WELL CHART				
LOT No.	VOLUME REQUIRED	VOLUME PROVIDED	No. WELLS	SIZE WELLS
2	355	365.6	2	75"x75"x3.25'
3	291	294	2	74"x74"x3'
4	217	234	2	64"x64"x3.25'

Reviewed for: HOWARD S.C.D.  
and meets Technical Requirements  
*Cheryl Sumner* 8/5/99  
Signature Date  
U.S. National Resource Conservation Service

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

*John R. Robinson* 8/5/99  
Approved

APPROVED: DEPARTMENT OF PLANNING & ZONING

*Cheryl Sumner* 8/6/99  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE

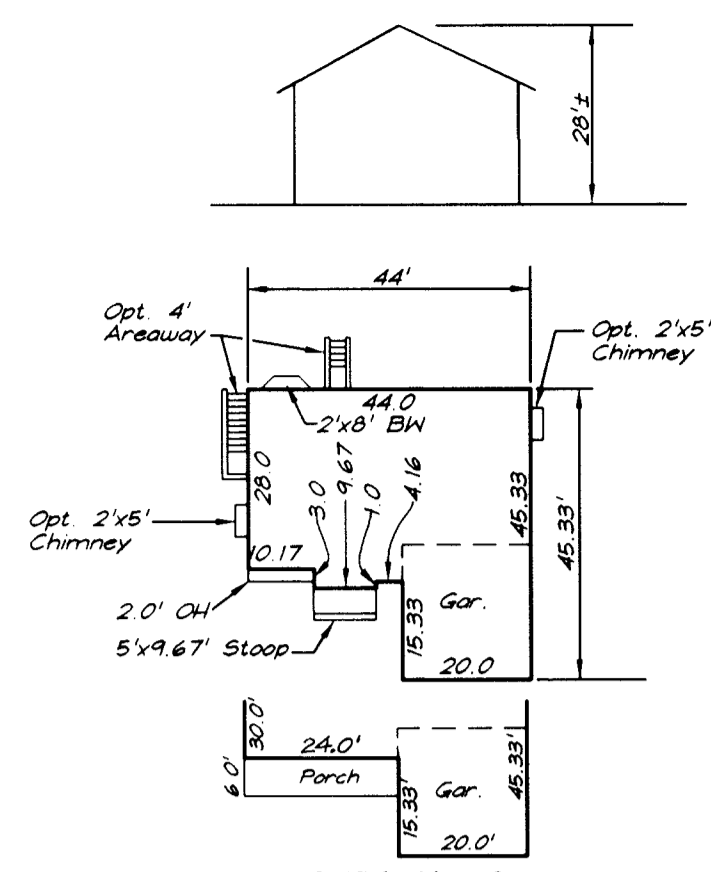
*Condy Hamilton* 8/5/99  
CHIEF, DIVISION OF LAND DEVELOPMENT  
DATE

*James H. Smith* 8/6/99  
DIRECTOR  
DATE

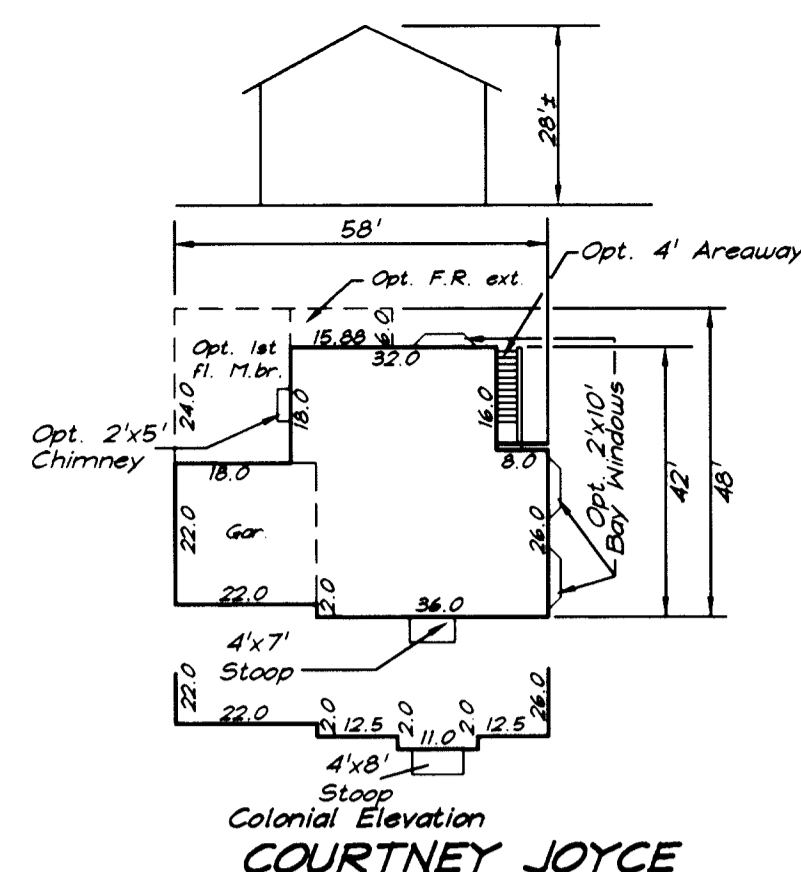
PROPERTY OF  
DAVID AND LEAN BARNES  
L. 1816 F. 320  
ZONED: R-20

ROADWAY DEDICATED TO  
HOWARD COUNTY, MD. FOR  
THE PURPOSE OF A PUBLIC  
ROADWAY.

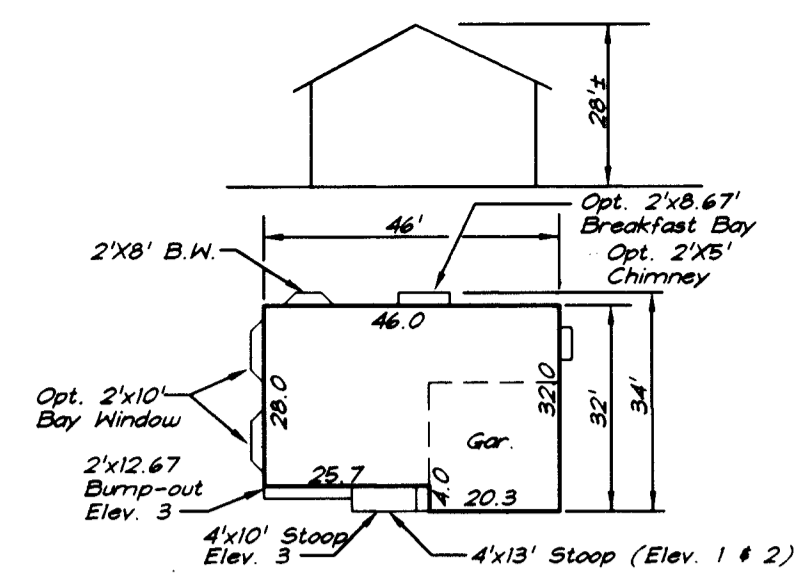
**HARDING ROAD**  
(PUBLIC ROAD)  
(SCENIC ROAD)



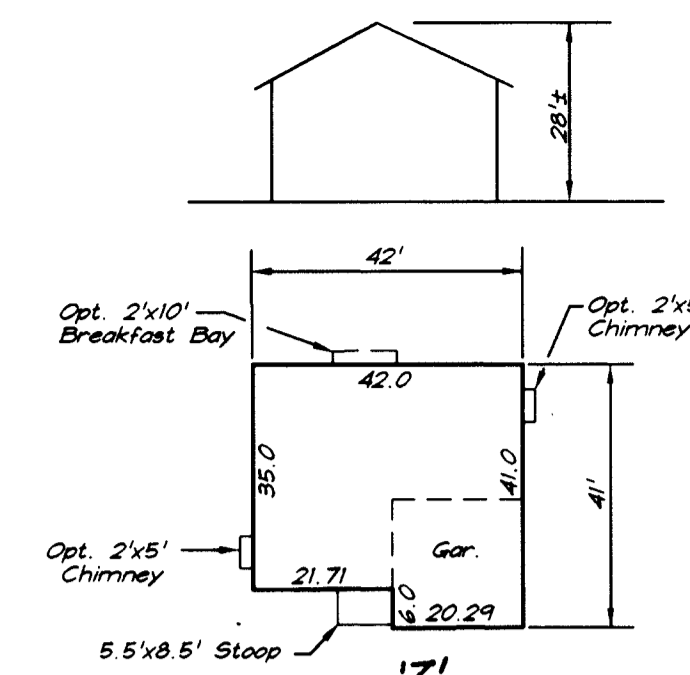
ELEV. No. 2  
**'T-2'**  
**ABRAHAM CLARK**  
ELEV. No. 1



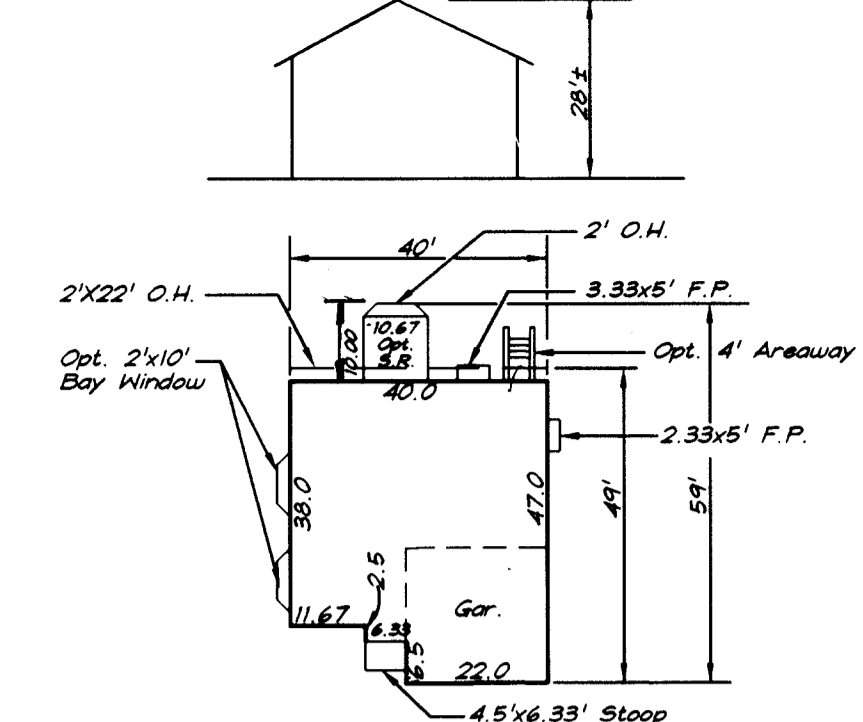
Colonial Elevation  
**COURTNEY JOYCE**



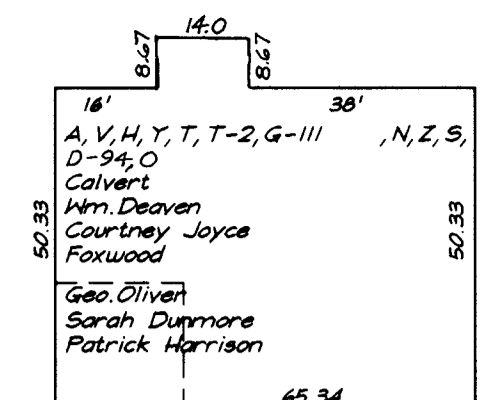
**GEORGE MASON I**



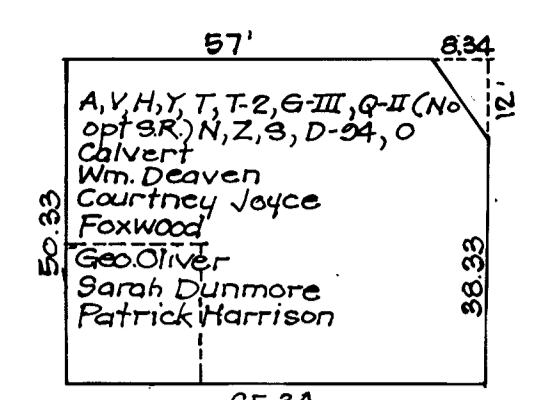
**JOHN PAUL JONES**



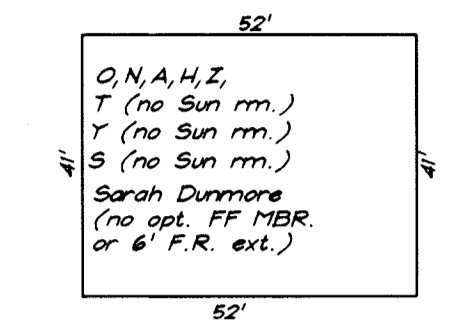
**'Q'-II**  
**PATRIOT II**



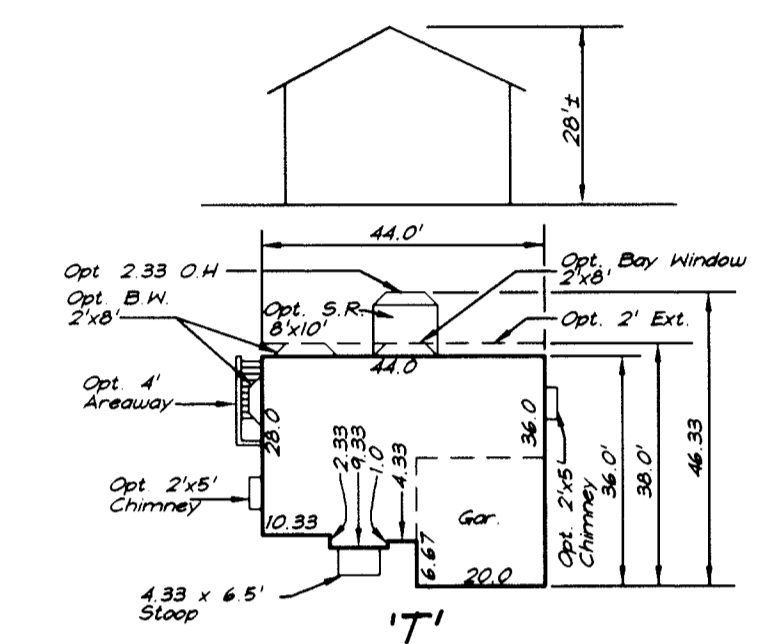
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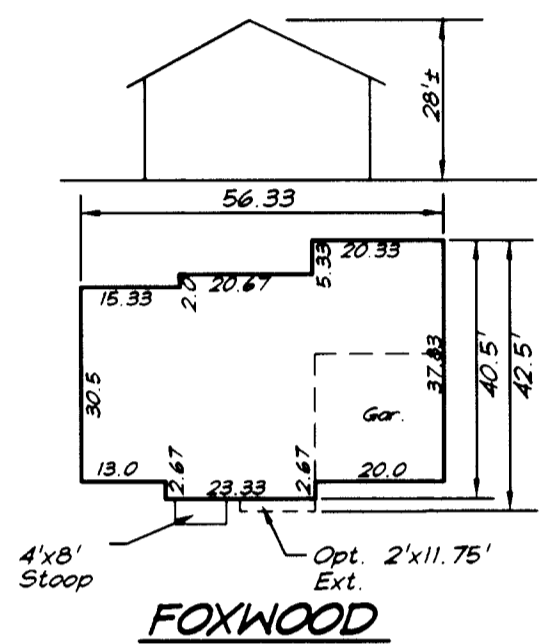
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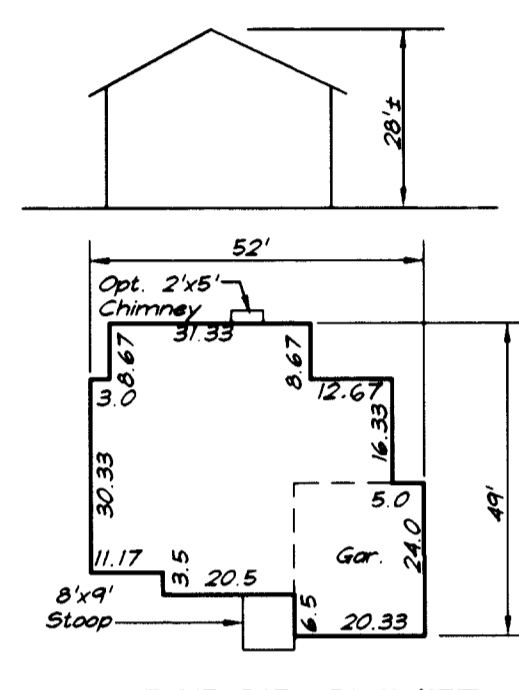
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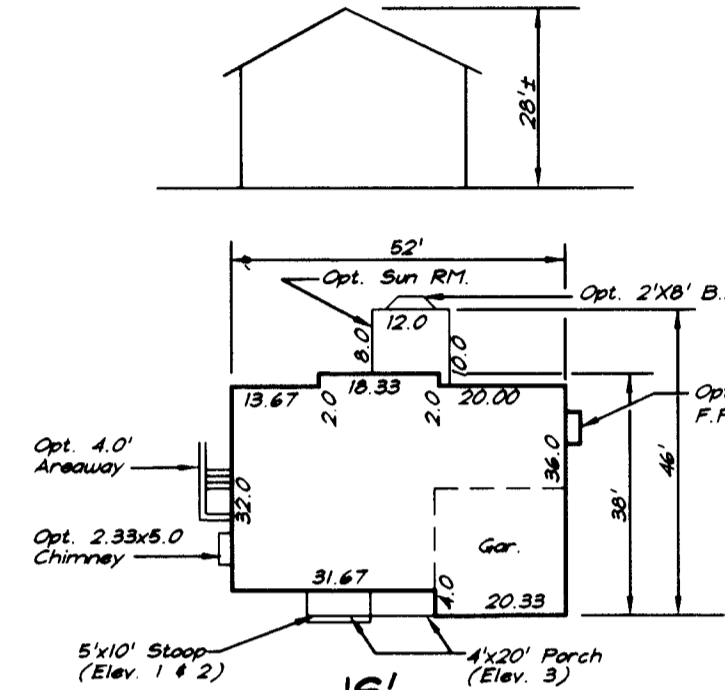
**BENJAMIN BANNEKER**



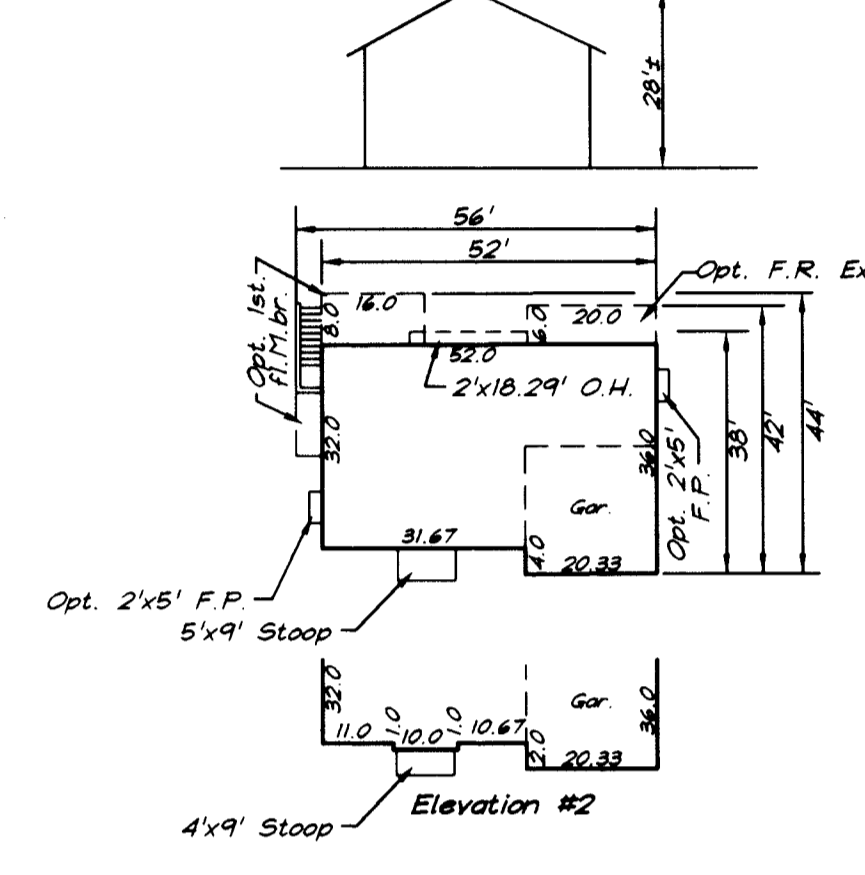
**FOXWOOD**



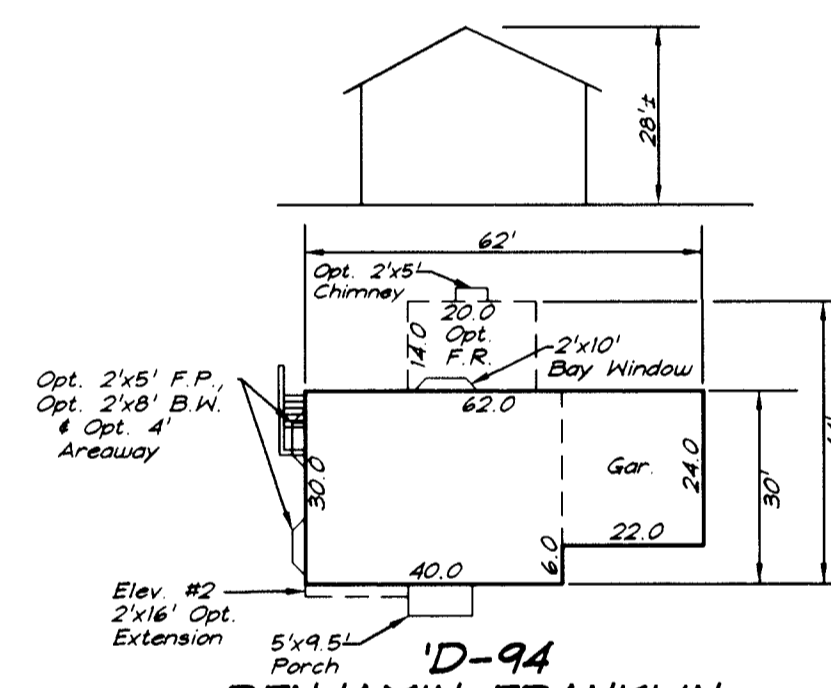
**GEORGE OLIVER**



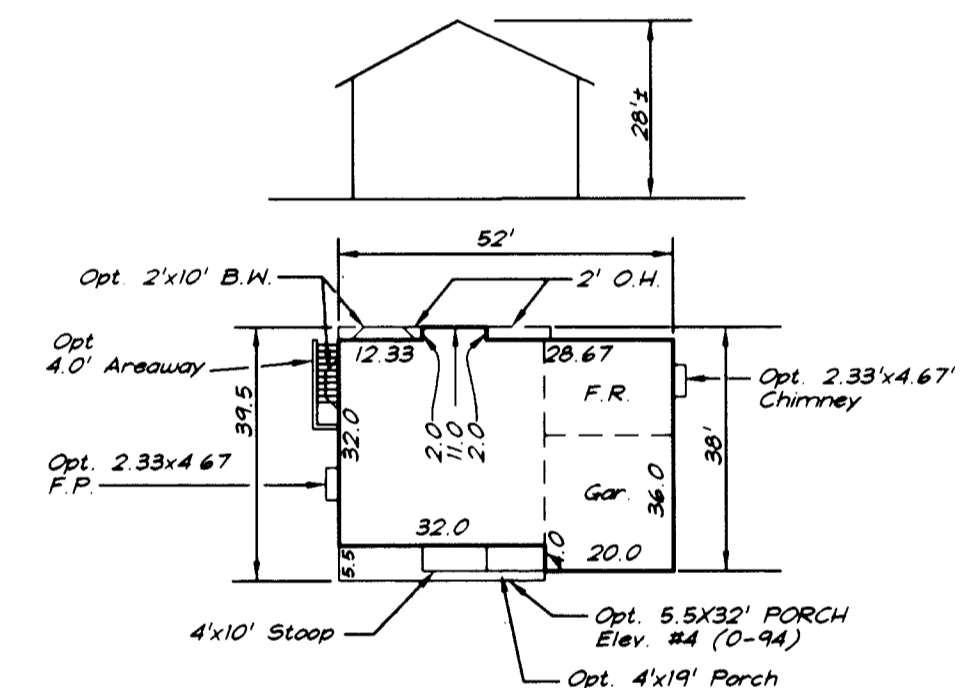
**'S'**  
**MOLLY PITCHER**



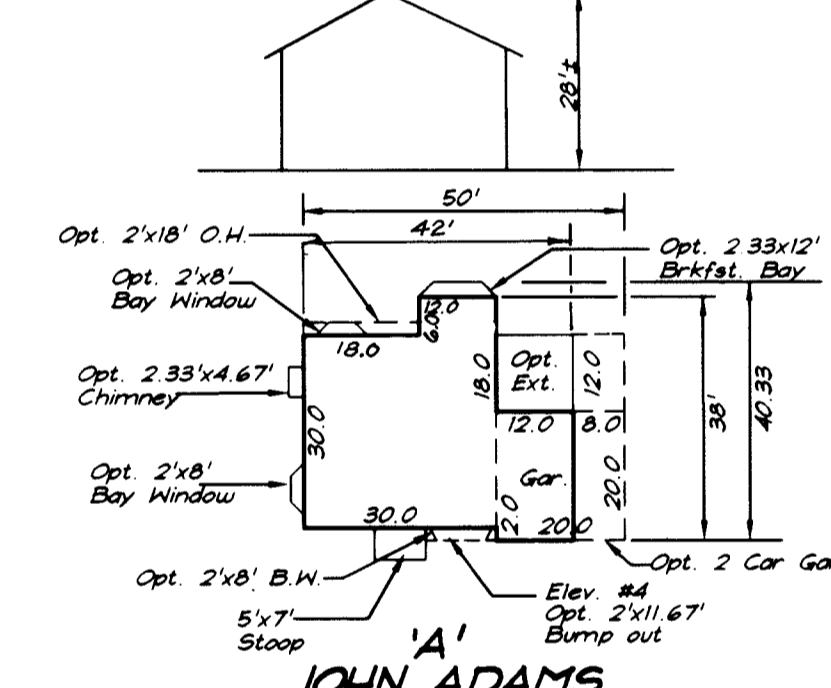
**SARAH DUNMORE**



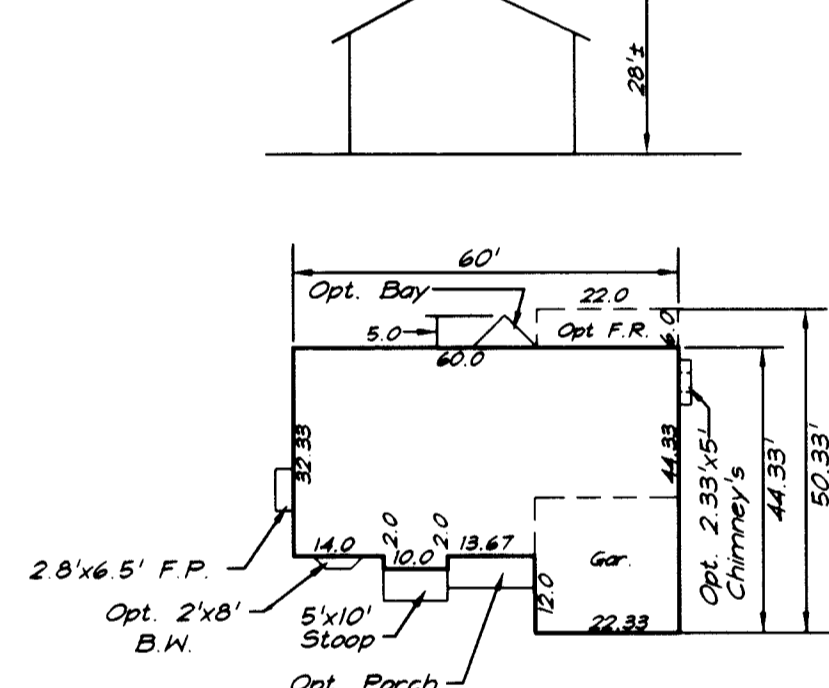
**'D-94'**  
**BENJAMIN FRANKLIN**



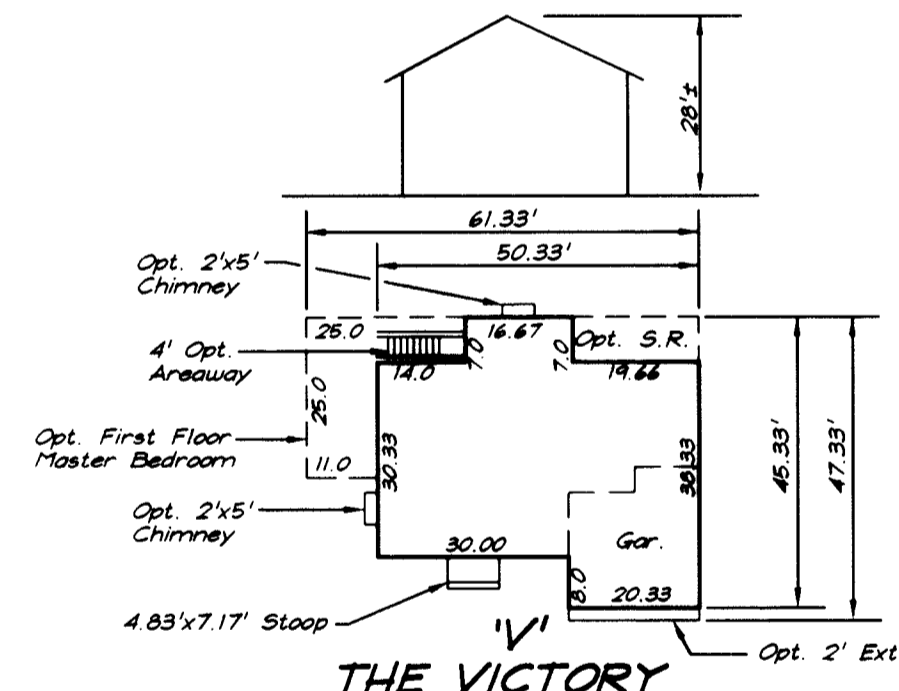
**'O'**  
**FRANCIS SCOTT KEY**



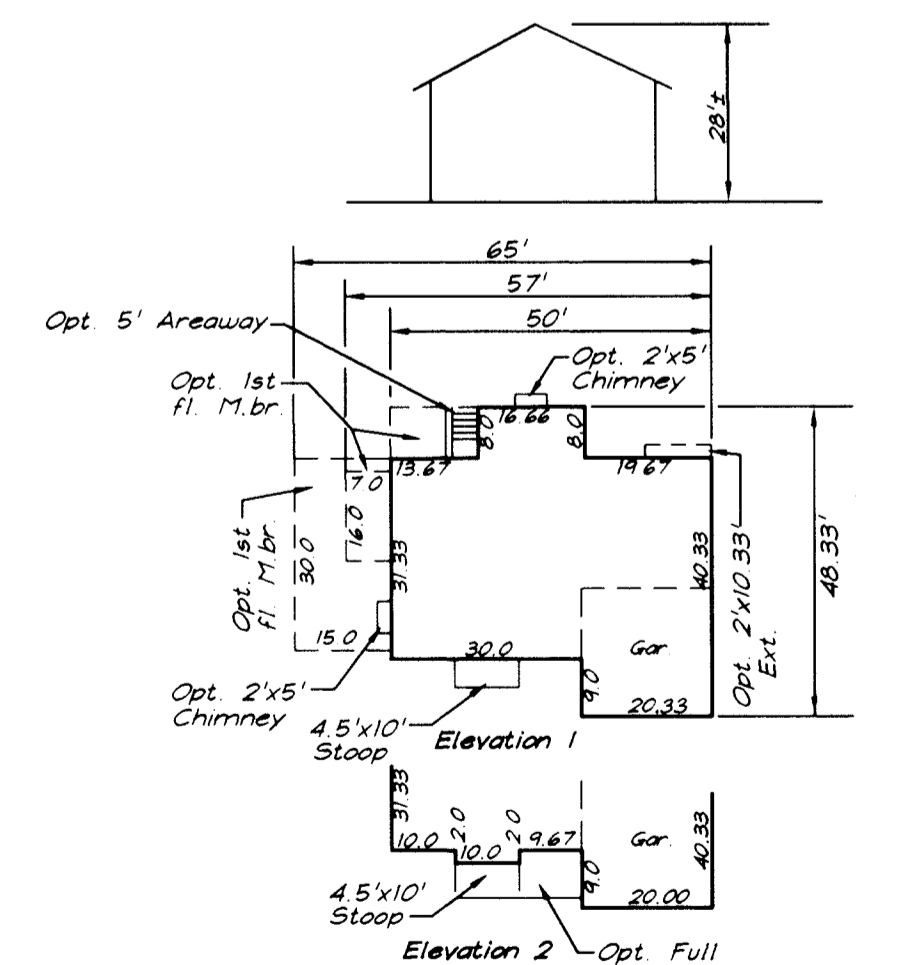
**'A'**  
**JOHN ADAMS**



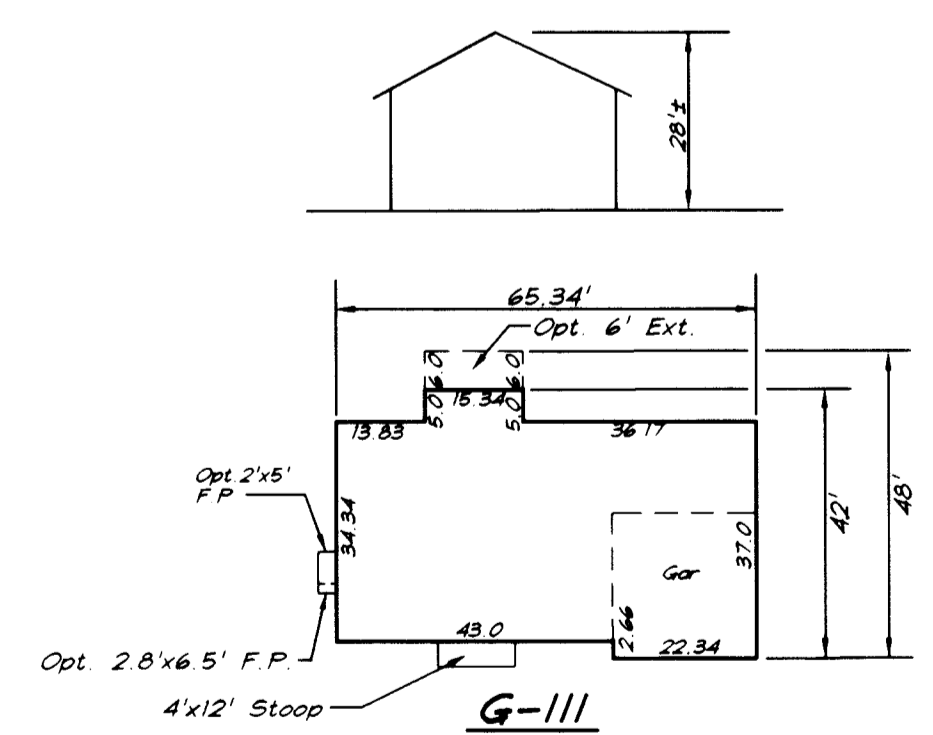
**PATRICK HARRISON**



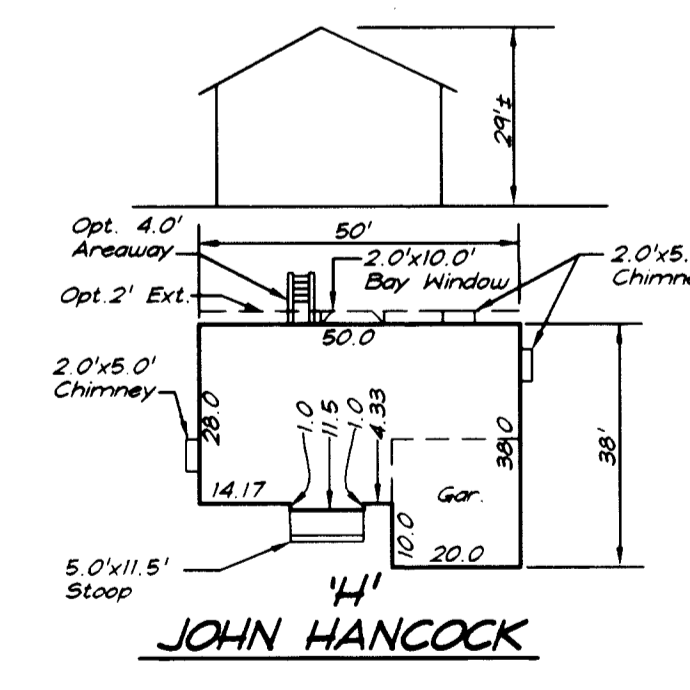
**'V'**  
**THE VICTORY**



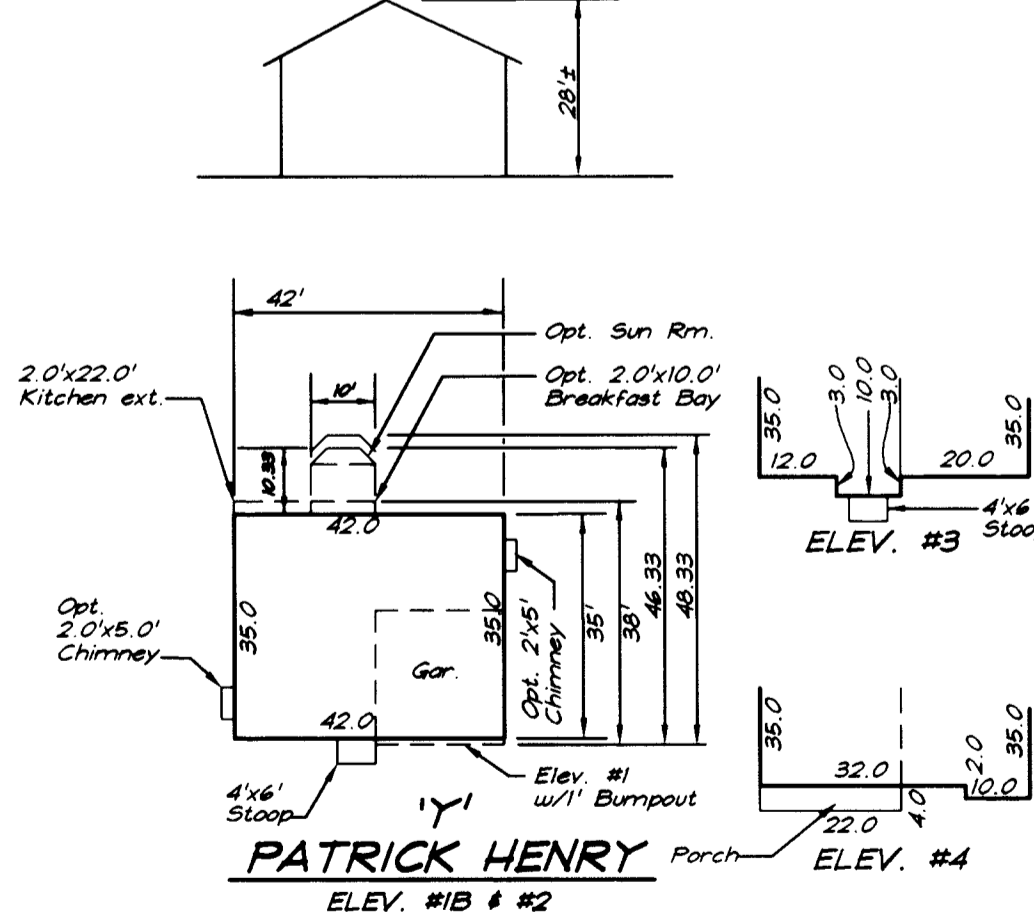
**CALVERT**



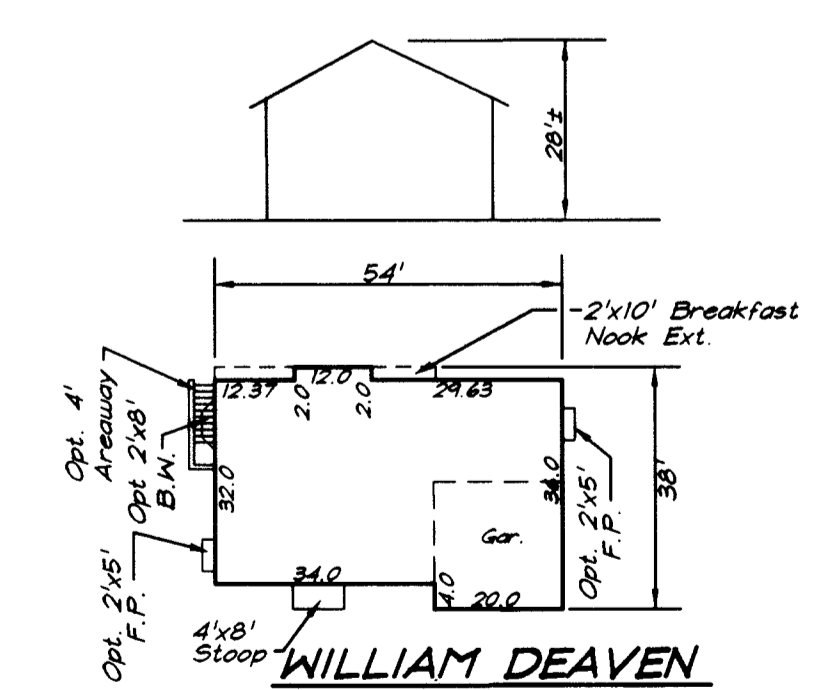
**G-III**



**'H'**  
**JOHN HANCOCK**



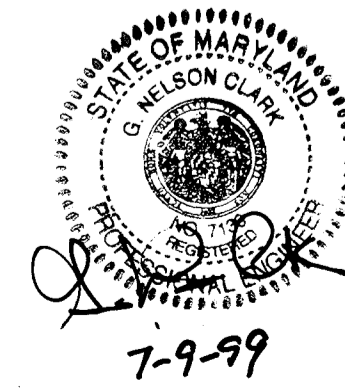
**'Y'**  
**PATRICK HENRY**  
ELEV. #1B & #2



**'W'**  
**WILLIAM DEAVEN**

**OWNER / DEVELOPER**  
BENSON BRANCH OVERLOOK, LLC  
C/O MR. DONALD R. REUMER, JR.  
LAND DESIGN AND DEVELOPMENT, INC.  
8000 MAIN STREET  
ELICOTT CITY, MD 21043

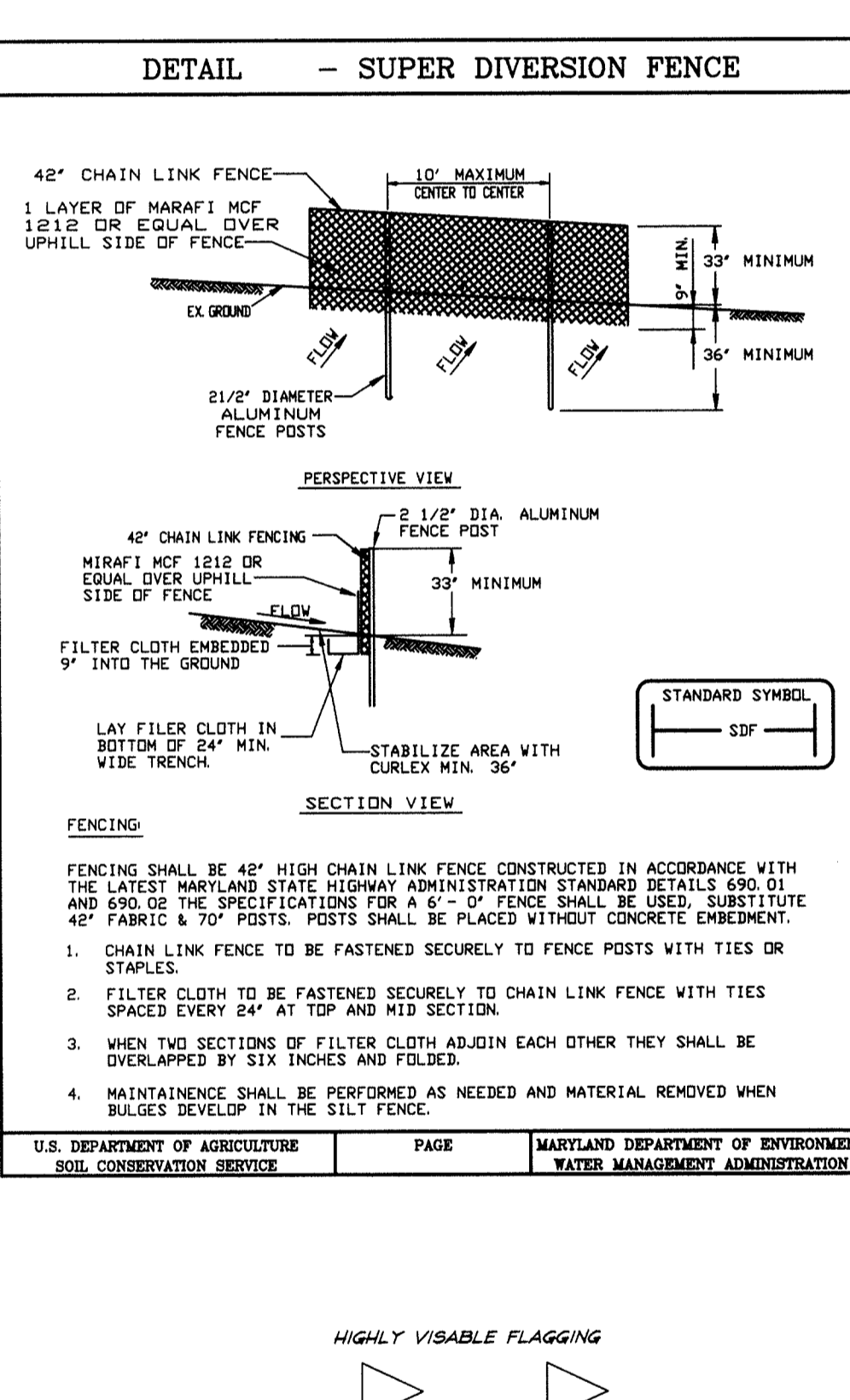
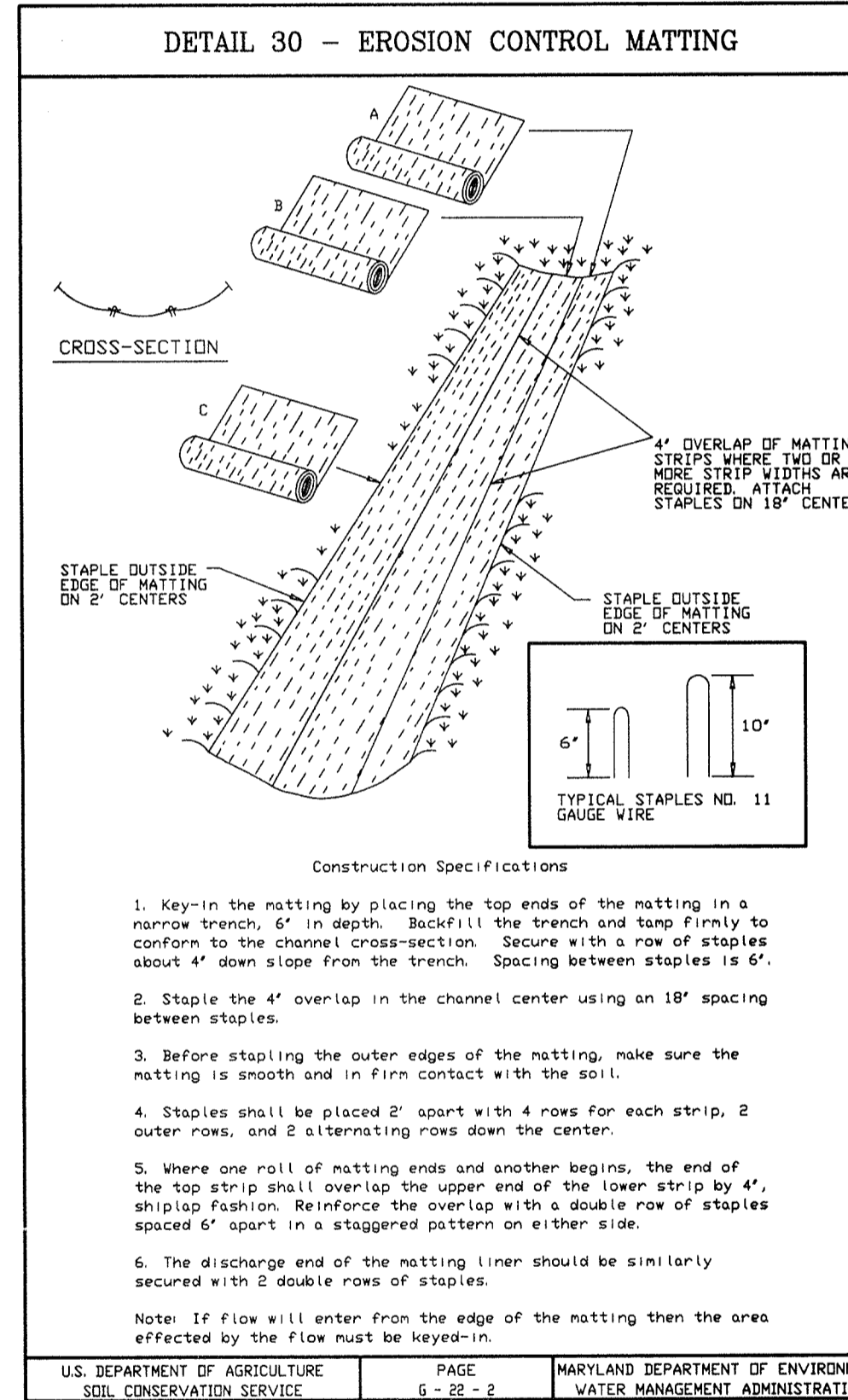
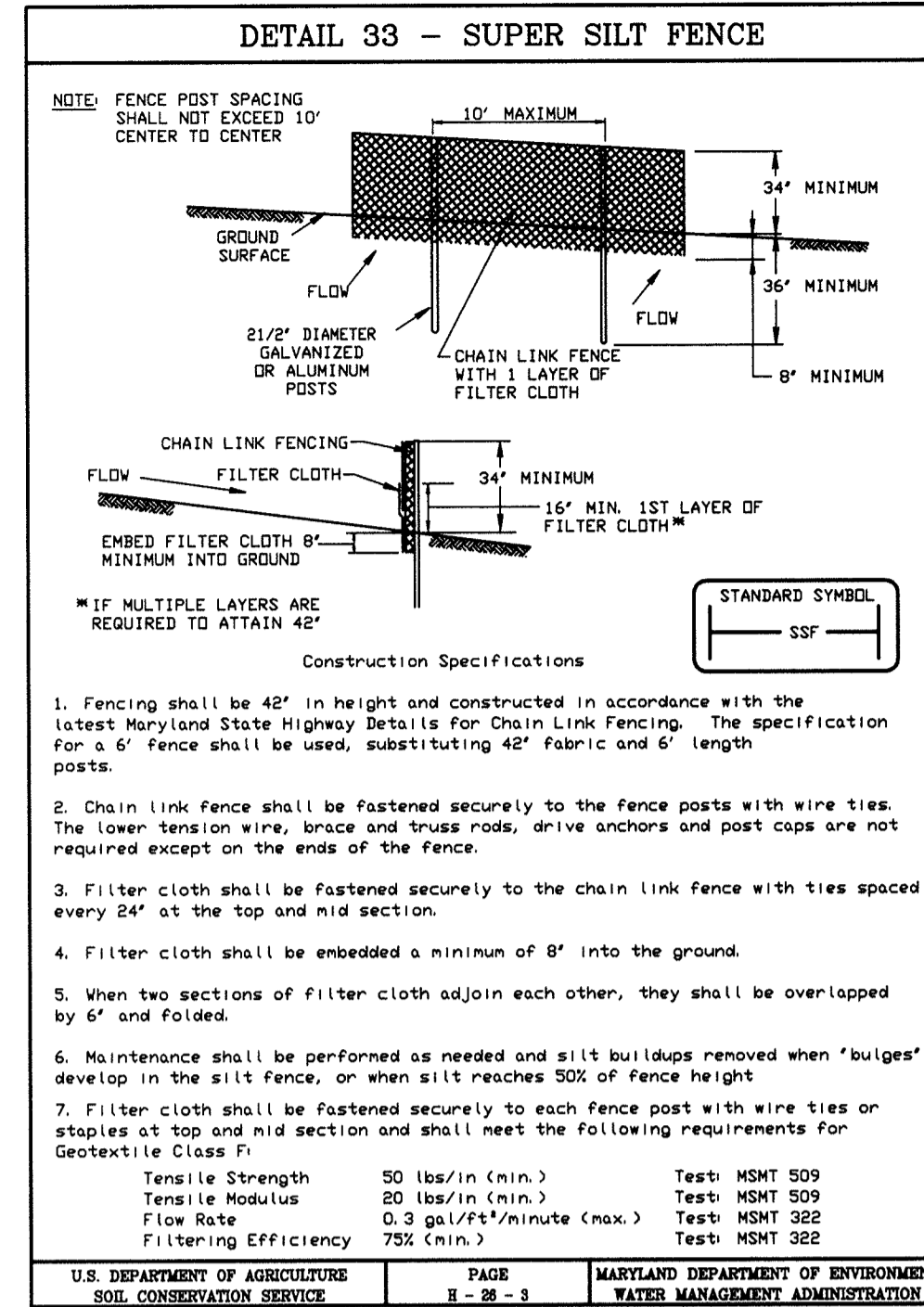
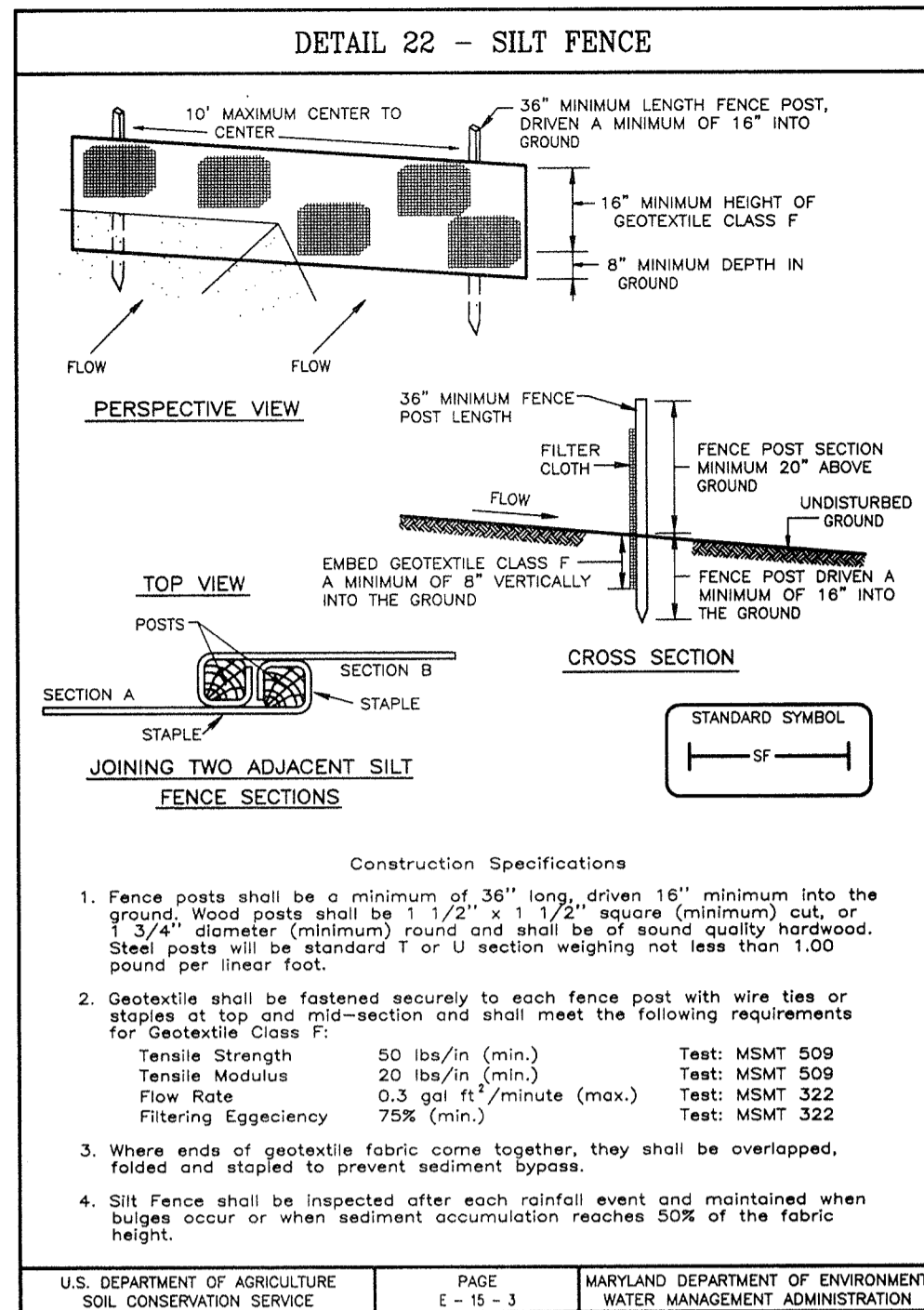
APPROVED: DEPARTMENT OF PLANNING & ZONING  
*William Hammett* 8/2/99  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
*Carole Hammett* 8/5/99  
CHIEF, DIVISION OF LAND DEVELOPMENT  
*James S. Sackett* 8/6/99  
DIRECTOR



**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED D.M.	<b>SITE DEVELOPMENT SEDIMENT &amp; EROSION CONTROL PLAN LOTS 2, 3 AND 4</b>  <b>CLARK'S RIDGE</b>  SIXTH (6TH) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN
DRAWN K.B.		DRAWING 2 of 3
CHECKED H.		JOB NO. 99-059
DATE 5-10-99		FILE NO. 99-059X

FOR: PATRIOT HOMES  
PO. BOX 1018  
Columbia, Maryland 21044



## 21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL

**Definition**  
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

**Purpose**  
To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

**Conditions Where Practice Applies**  
This practice is limited to areas having 2:1 or flatter slopes where:

- The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
- The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
- The original soil to be vegetated contains material toxic to plant growth.
- The soil is so acidic that treatment with limestone is not feasible.

**Construction and Material Specifications**

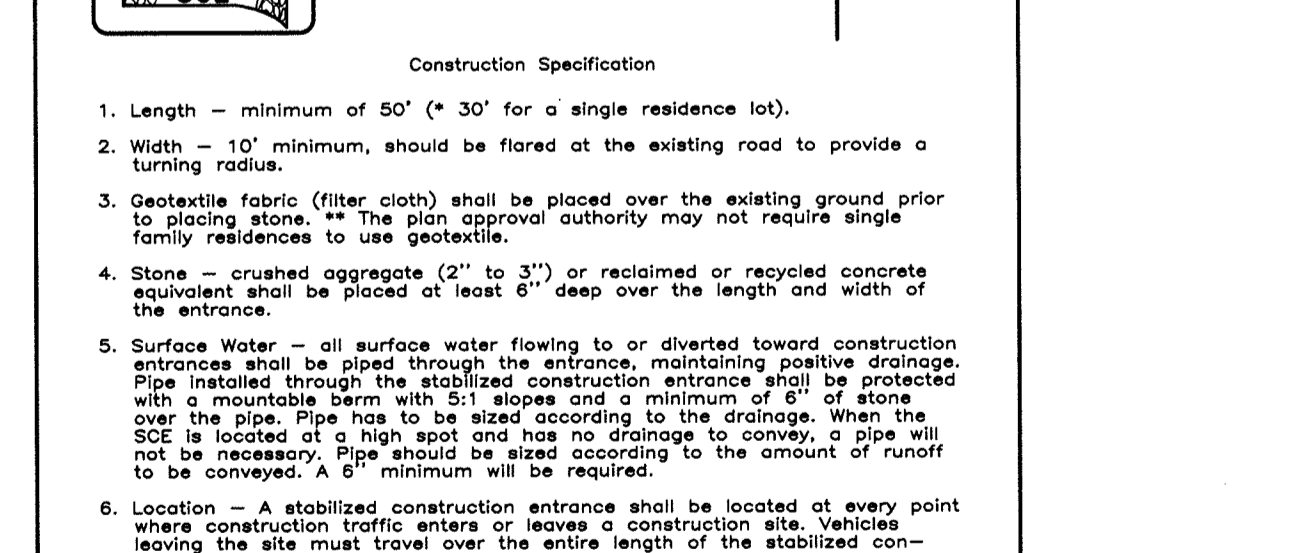
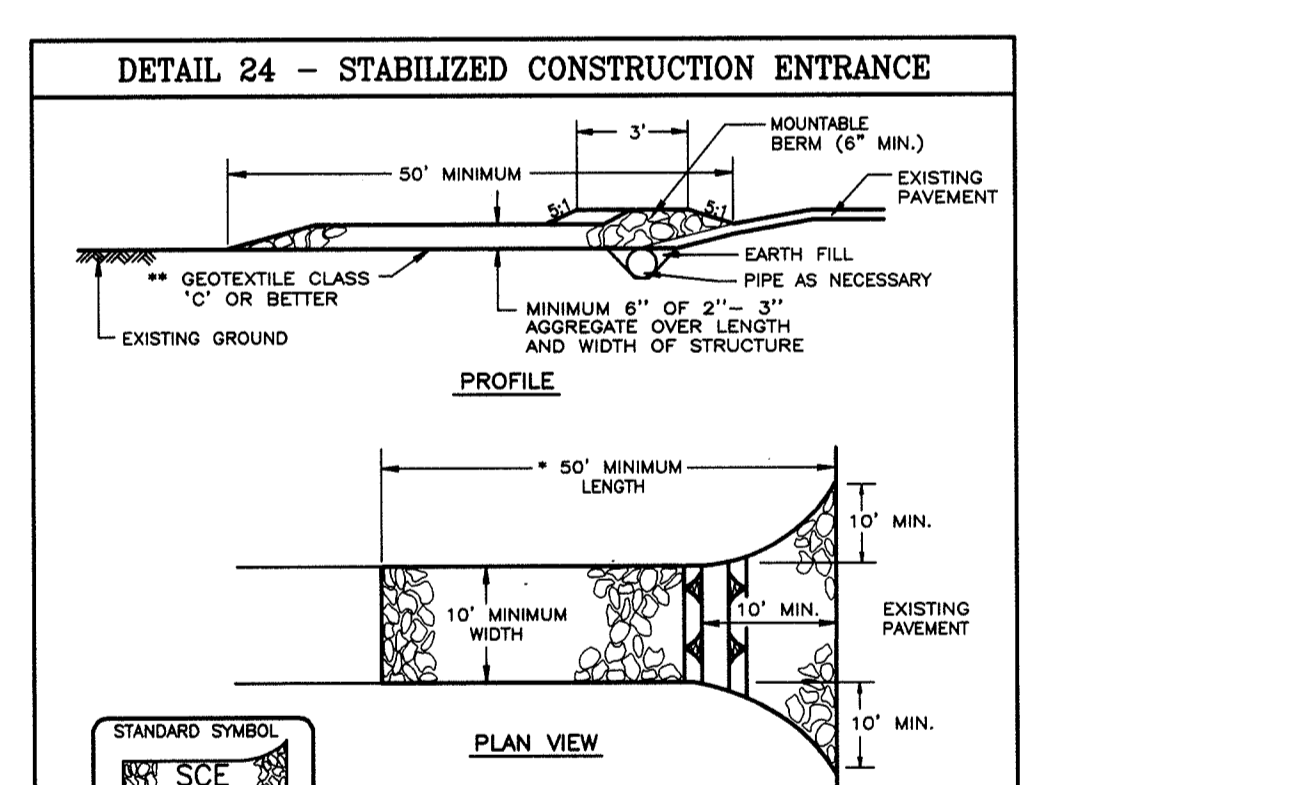
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.
- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
  - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 and 1/2" in diameter.
  - Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.
  - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
  - Topsoil shall not be placed where the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

**Construction and Material Specifications**

- Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

**Construction and Material Specifications**

- Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.



**DEVELOPER'S/BUILDER'S CERTIFICATE**

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all 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 or their authorized agents, as are deemed necessary."

NAME: RW KUNKLE DATE: 5-10-99

## PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED 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:** In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./100 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 the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq.ft.).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq.ft.) and apply 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 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (14 lbs./1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. 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 thru February 28, protect site by Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs./acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre 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 seeded areas and make needed repairs, replacements and reseedings.

**TEMPORARY SEEDING NOTES**

**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 periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs./1000 sq.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq.ft.). For the period November 1 thru 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.

**CONSTRUCTION SEQUENCE:**

NO.	NO. OF DAYS
1. Obtain grading permit.	7
2. Install tree protection fence.	7
3. Install sediment and erosion control devices and stabilize.	14
4. Excavate for foundations, rough grade and temporarily stabilize.	30
5. Construct structures, sidewalks and driveways.	60
6. Final grade and stabilize in accordance with Stds. and Specs. install Erosion Control Matting if shown.	14
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7

\* Delay construction of houses on lots.

**OWNER / DEVELOPER**

BENSON BRANCH OVERLOOK, LLC.  
C/O MR. DONALD R. REUKER, JR.  
LAND DESIGN AND DEVELOPMENT, INC.  
8000 Main Street  
Ellicott City, Md. 21043

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Sediment and Erosion 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.

G. NELSON CLARK DATE: 5-11-99

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED: P.C. SCALE: AS SHOWN  
DRAWN: K.B. DRAWING: 3 of 3  
CHECKED: P.C. JOB NO.: 99-059  
DATE: 5-10-99 FOR: PATRIOT HOMES P.O. BOX 1018 Columbia, Maryland 21044 FILE NO.: 99-059-S4E

**CLARKS RIDGE**  
SIXTH (6TH) ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

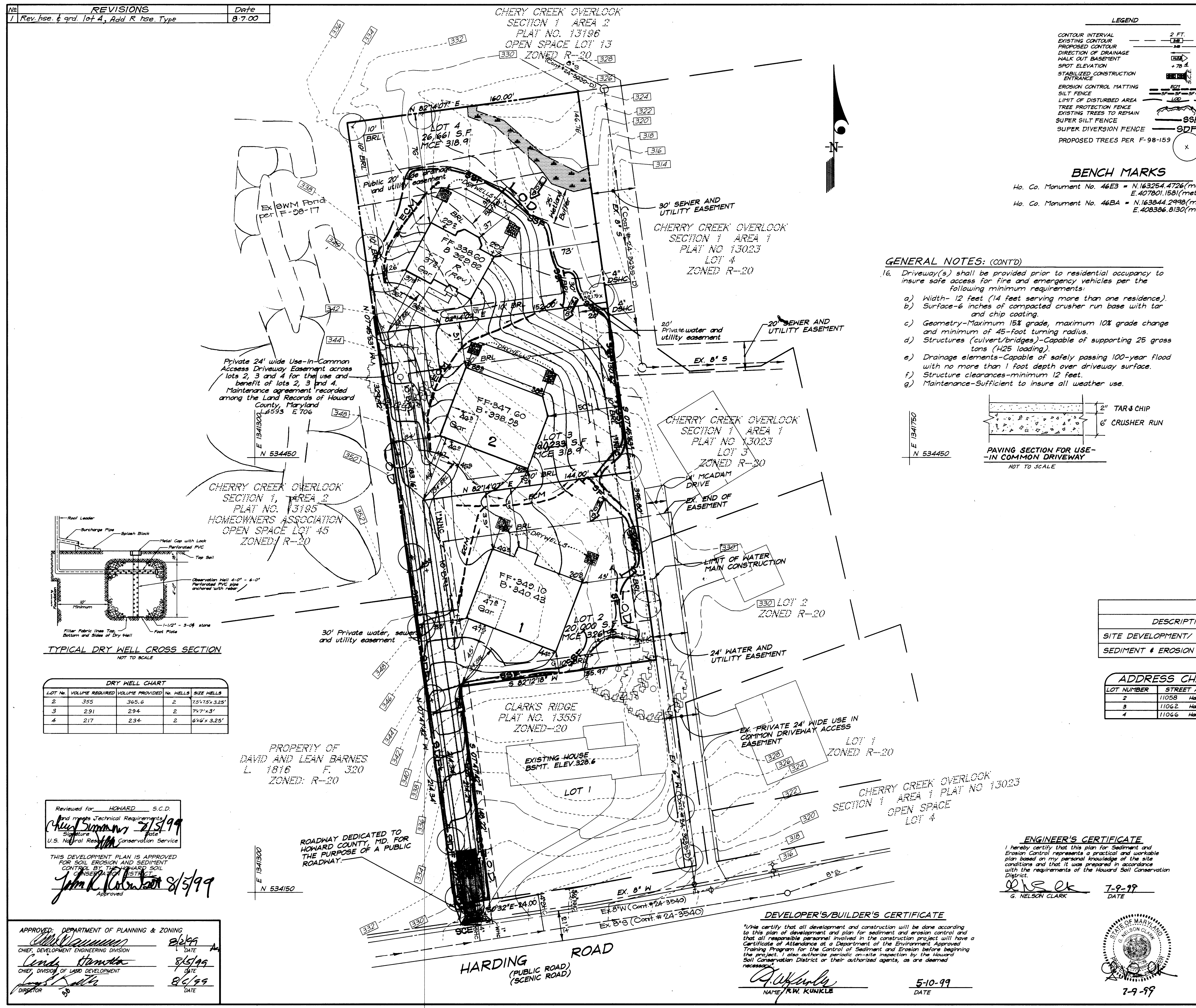
SDP 99-151

Reviewed for HOWARD SCD and meets Technical Requirements  
Cheryl Simmons 7/28/99  
Signature Date  
U.S. Natural Resources Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
John R. Robertson 7/28/99  
Approved

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
M. Dammann 8/2/99  
Chief, Development Engineering Division  
Cinda Hammit 8/5/99  
Chief, Division of Land Development  
Lloyd S. Suttles 8/6/99  
Director

No	REVISIONS	Date
1	Rev. hse. & grd. lot 4, Add R hse. Type	8-7-00



**LEGEND**

- CONTOUR INTERVAL: 2 FT.
- EXISTING CONTOUR: (Solid line)
- PROPOSED CONTOUR: (Dashed line)
- DIRECTION OF DRAINAGE: (Arrow)
- WALK OUT BASEMENT: (Symbol)
- SPOT ELEVATION: (+78.4)
- STABILIZED CONSTRUCTION ENTRANCE: (Symbol)
- EROSION CONTROL MATTING: (Symbol)
- LIMIT OF DISTURBED AREA: (Symbol)
- TREE PROTECTION FENCE: (Symbol)
- EXISTING TREES TO REMAIN: (Symbol)
- SUPER SILT FENCE: (Symbol)
- SUPER DIVERSION FENCE: (Symbol)
- PROPOSED TREES PER F-98-153: (Symbol)

**BENCH MARKS**

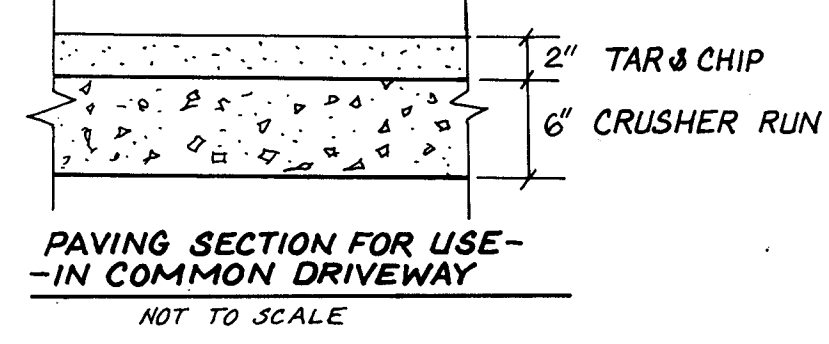
Ho. Co. Monument No. 46E3 = N.163254.4726(meters) Elev.=410.06  
E.407801.1581(meters)

Ho. Co. Monument No. 46BA = N.163844.2998(meters) Elev.=426.45  
E.408386.8130(meters)

**VICINITY MAP**  
Scale: 1"=2000'

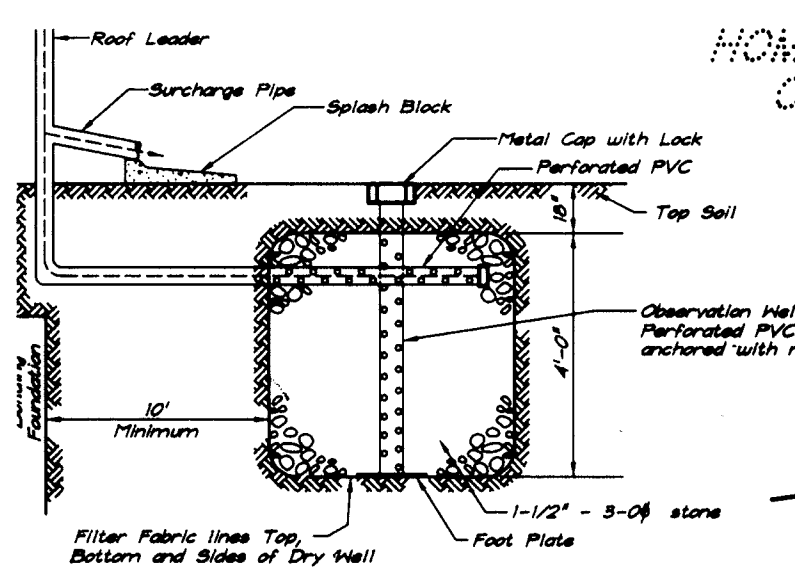
**GENERAL NOTES: (CONTD)**

- Driveway(s) shall be provided prior to residential occupancy to insure safe access for fire and emergency vehicles per the following minimum requirements:
  - Width- 12 feet (14 feet serving more than one residence).
  - Surface-6 inches of compacted crusher run base with tar and chip coating.
  - Geometry-Maximum 15% grade, maximum 10% grade change and minimum of 45-foot turning radius.
  - Structures (culvert/bridges)-Capable of supporting 25 gross tons (425 loading).
  - Drainage elements-Capable of safely passing 100-year flood with no more than 1 foot depth over driveway surface.
  - Structure clearances-minimum 12 feet.
  - Maintenance-Sufficient to insure all weather use.



**GENERAL NOTES:**

- Subject property is zoned: R-20 per 10-18-93 Comprehensive Zoning Plan.
- The total area included in this submission is: 1.9357 Acres.
- The total number of lots included in this submission is: 3.
- Improvement to property: Single Family Detached.
- Department of Planning and Zoning reference file numbers: F-28-180; W & S Cont. # 24-3540, # 24-3635-D and F-96-102.
- Utilities shown as existing are taken from approved Water and Sewer plans Contract # 24-3540 and # 24-3635-D.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- All roadways are public and existing.
- The existing topography was taken from Landscaping, Topographic and Soils Plan prepared by Fisher, Collins and Carter, Inc., dated May, 1998.
- The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers 46E3 & 46BA.
- The contractor shall notify the Department of Public Works/ Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R.6.06.
- A fee in lieu has been paid for Stormwater Management quantity control, and drywells are to be used for quality control.
- Forest Conservation obligations for this subdivision was met by payment of a fee-in-lieu of \$ 2,613.60 (2 acres of afforestation).
- Perimeter landscaping has been fulfilled under F-98-159.



TYPICAL DRY WELL CROSS SECTION  
NOT TO SCALE

**DRY WELL CHART**

LOT NO.	VOLUME REQUIRED	VOLUME PROVIDED	No. WELLS	SIZE WELLS
2	355	365.6	2	75"x75"x3.25'
3	291	294	2	75"x75"x3'
4	217	234	2	61"x61"x3.25'

**SHEET INDEX**

DESCRIPTION	SHEET NO.
SITE DEVELOPMENT/ SEDIMENT & EROSION CONTROL PLANS	1 & 2
SEDIMENT & EROSION CONTROL DETAILS	3

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
2	1105B Harding Road
3	1106G Harding Road
4	1106G Harding Road

**OWNER / DEVELOPER**  
BENSON BRANCH OVERLOOK, LLC.  
C/O MR. DONALD R. REINER, JR.  
LAND DESIGN AND DEVELOPMENT, INC.  
8000 Main Street  
Ellicott City, Md. 21043

**SPECIAL NOTES:**

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-102 and/or approved Water and Sewer Plans Contract #34-3586-D.

Reviewed for HOWARD S.C.D. and meets Technical Requirements  
*John Kunkle* 8/5/99  
Signature Date  
U.S. National Resource Conservation Service  
This DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT  
*John Kunkle* 8/5/99  
Approved

**ENGINEER'S CERTIFICATE**  
I hereby certify that this plan for Sediment and Erosion 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.  
*G. Nelson Clark* 7-9-99  
G. NELSON CLARK DATE

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all 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 or their authorized agents, as are deemed necessary.  
*G. W. Kunkle* 5-10-99  
NAME/R.W. KUNKLE DATE



APPROVED: DEPARTMENT OF PLANNING & ZONING  
*John Kunkle* 8/6/99  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE  
*John Kunkle* 8/5/99  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE  
*John Kunkle* 8/6/99  
DIRECTOR DATE

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED	SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN	SCALE
DR/P.C.	LOTS 2, 3 AND 4	1" = 30'
DRAWN		DRAWING
D.M./K.B.		1 of 3
CHECKED		JOB NO.
DR/P.C.		99-059
DATE		FILE NO.
5-10-99	FOR: PATRIOT HOMES P.O. BOX 108 Columbia, Maryland 21044	99-059X