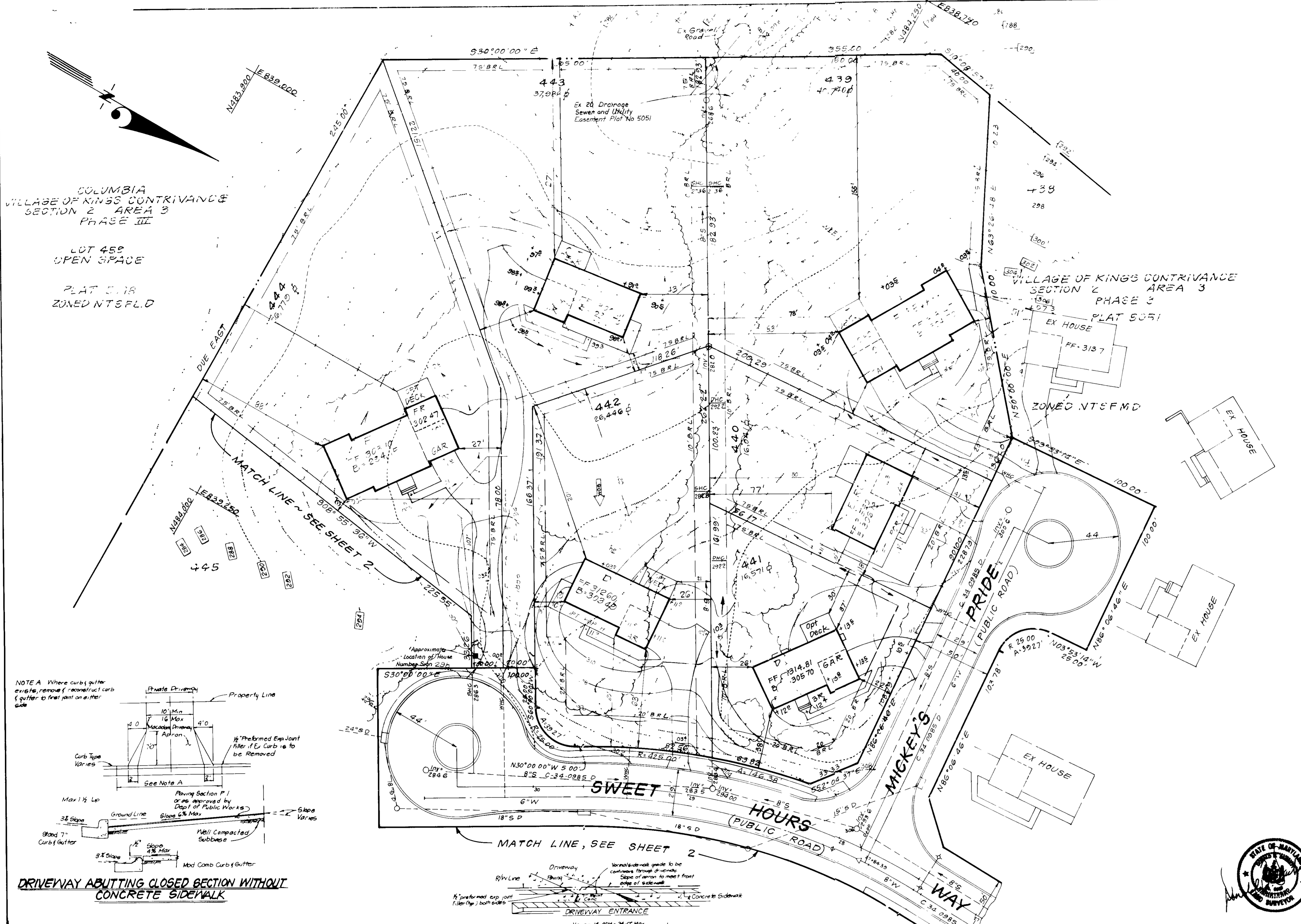


COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 PHASE III

LOT 458 OPEN SPACE  
PLAT 5.18 ZONED NTSFLD



**LEGEND**

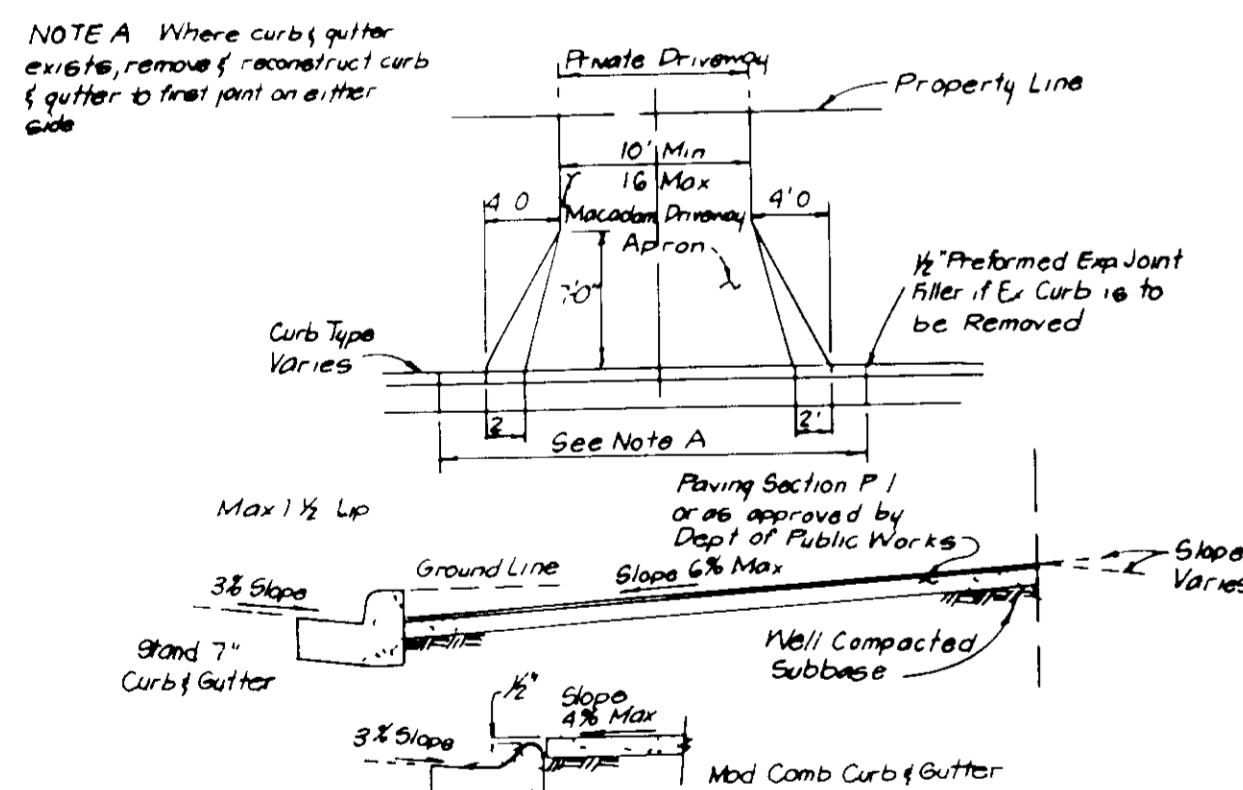
- 1 Contour Interval 2 Ft
- 2 Existing Contour
- 3 Proposed Contour
- 4 Spot Elevation
- 5 Direction of Drainage
- 6 Walk Out Basement
- 7 Existing Trees
- 8 Existing Trees to be Retained
- 9 Existing Elevation 299.0
- 10 House Number Sign (Approx Location)

**GENERAL NOTES**

- 1 Subject property zoned NT per 8-2-85 Comprehensive Zoning Plan
- 2 The coordinates shown hereon are based upon Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinate System
- 3 All roads are public and existing
- 4 Any damage to county owned rights of ways to be corrected at the developer's expense.
- 5 Total area included: 7.5666 Acres
- 6 Total number of lots: 13
- 7 Reference Final Development Plan Criteria Phase 178, parts II and III
- 8 Maximum Lot Coverage is: 30%
- 9 The contractor or developer shall contact the Construction Inspection/Survey Division, 24 hours in advance of commencement of work at 792 2630
- 10 The Office of Planning and Zoning file reference numbers are S-79-25, P-79-41, F-81-89, V-P-80-32, V-P-82-34, F-82-253 & V-P-88-117
- 11 The lots or parcels shown on this plan are subject to the supplemental sewer-in aid-of-construction charge created by section 20-311A of the Howard County Code and to Executive Order No 72-9

**SPECIAL NOTES**

- 1 Approved Road Construction Plans shall be used for all public utilities
- 2 The water & sewer house connections not included in a "Developers Agreement" shall conform to Howard County Plumbing Code. The on-site WHC shall be 1" Copper and the SHC shall be 4" iron
- 3 Public water & sewer shown for reference only. For more detailed information see Water and Sewer plans Contract No 34-0985 D
- 4 For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right-of-way line only and not onto the flag or pipestem lot driveway
- 5 Stormwater Management Provided For F-81-89



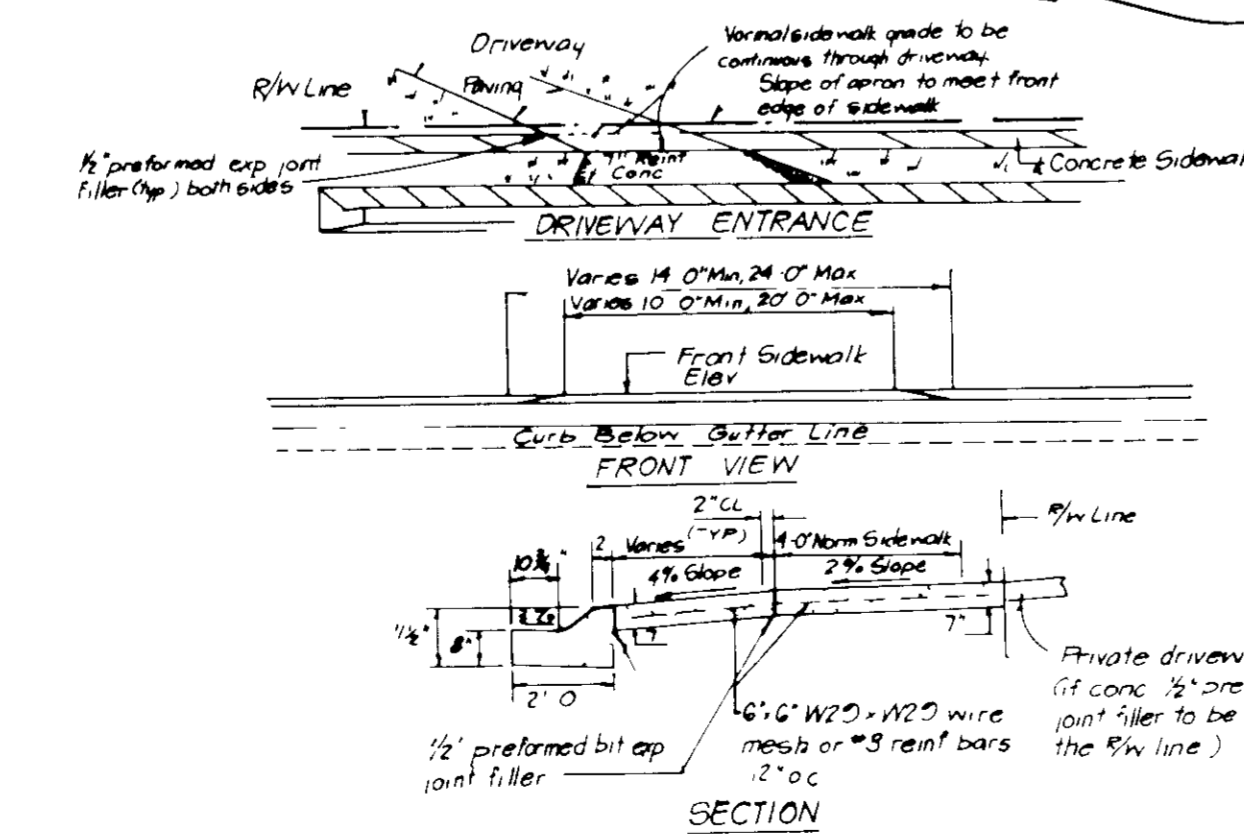
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER: [Signature] DATE: 10-10-88

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR: [Signature] DATE: 10-27-88

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DIRECTOR: [Signature] DATE: 10-7-88

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 10-6-88

6-23-89  
LWS



DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMB CURB & GUTTER & SIDEWALK

**BUILDING RESTRICTION LINES**  
Front: 20' Min  
Sides & Rear: 7.5' Min - Except where noted

NOTE: Existing topo was field run by Clark, Finerock & Sackett Inc, April 1988

**ADDRESS CHART**

LOT	ADDRESS
439	7681 Mickey's Pride
440	7677 " "
441	7673 " "
442	7688 Sweet Hours Way
443	7692 " "
444	7696 " "
445	7700 " "
446	7695 " "
447	7691 " "
448	7687 " "
449	7683 " "
450	7679 " "
451	7675 " "

SUBDIVISION NAME COLUMBIA VILLAGE OF KINGS CONTRIVANCE - PHASE III		SECTION/AREA	LOTS
PLAT		2/3	439 451
BLOCK#	ZONE	TAX/ZONE MAP	ELEC DIST
B14 & B15	13-14	4E	G
WATER CODE		SEWER CODE	
E 14		6340000	

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

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7530 • BALTO • (301) 621-8000 • WASH

DESIGNED: C M S  
DRAWN: V L M  
CHECKED: C M S  
DATE: 5 6 88

**SITE DEVELOPMENT PLAN**  
LOTS 439 THRU 451  
**COLUMBIA**  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2, AREA 3, PHASE 3  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR: WILLIAMSBURG BUILDERS  
PO Box 1018  
Columbia, Maryland 21044

SCALE: 1" = 30'  
DRAWING: 1 OF 4  
JOB NO: 88-036  
FILE NO: 88-036-X

SDP 88-225

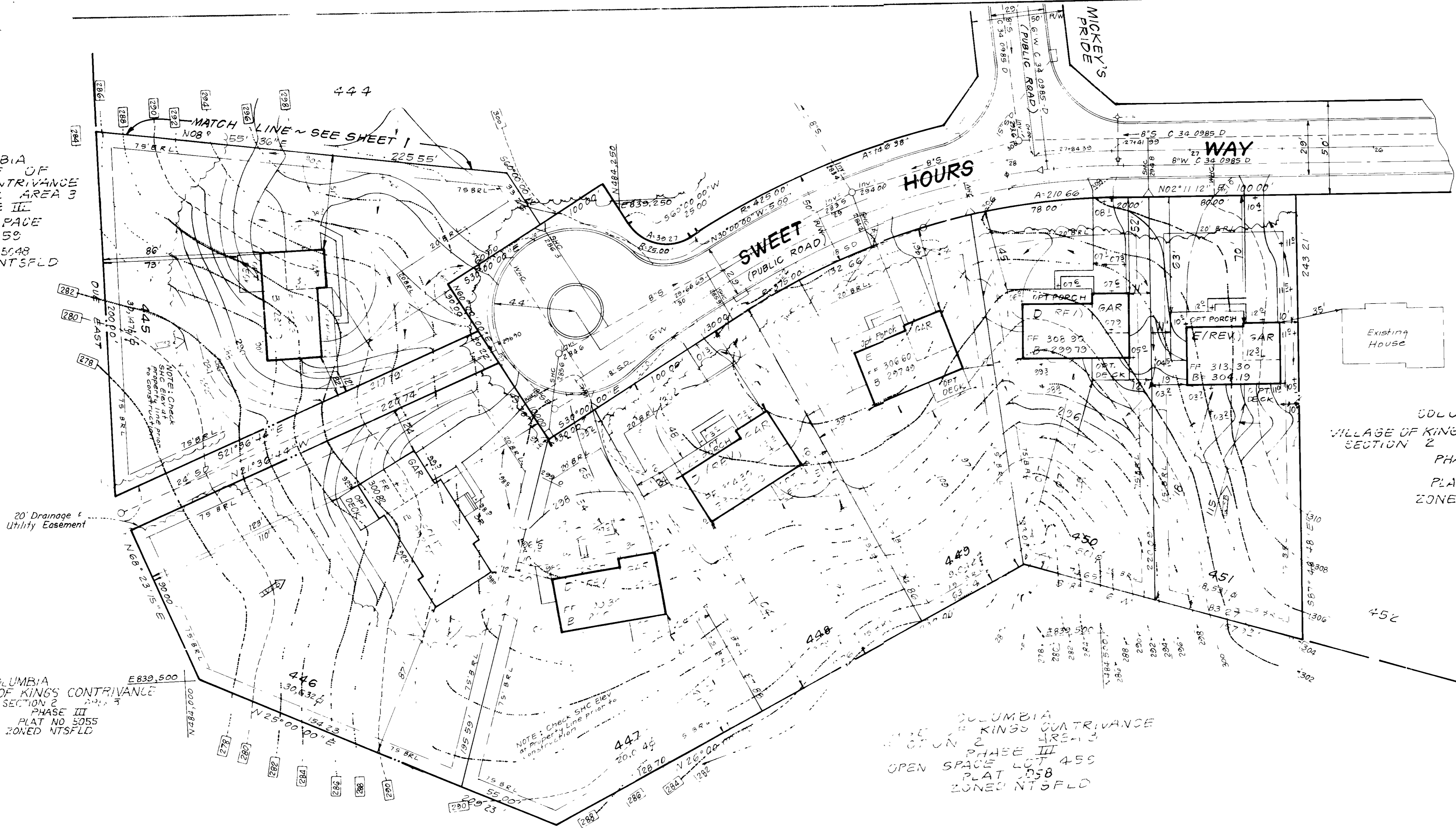
9/13/89 Rev hse & grad Lot 441 from F to D  
DATE REVISION No

COLUMBIA  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2 AREA 3  
PHASE III  
OPEN SPACE  
LOT 459  
PLAT 5048  
ZONED NTSFLD

COLUMBIA  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2 AREA 3  
PHASE 3  
PLAT 5051  
ZONED NT SFLD

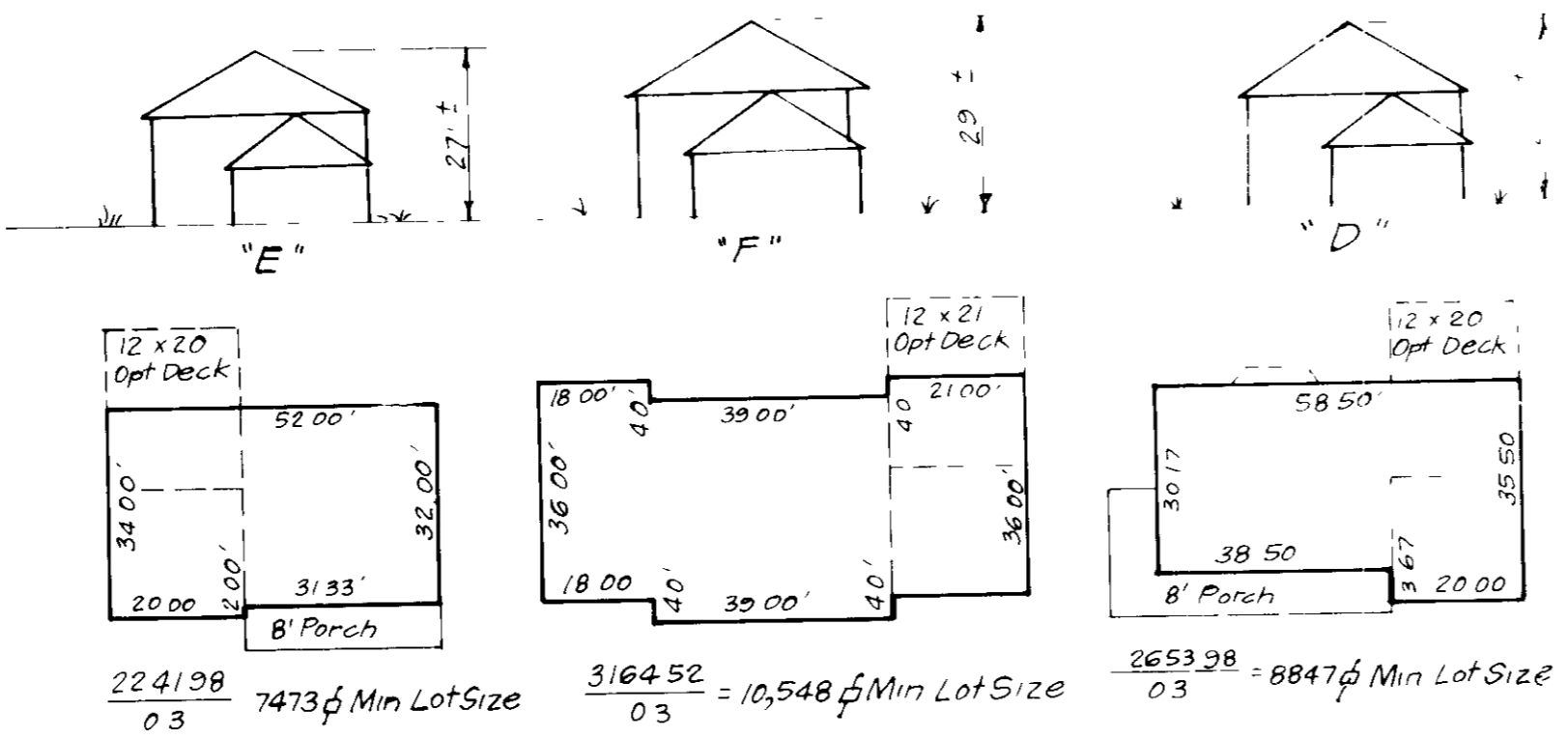
COLUMBIA  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2  
PHASE III  
PLAT NO 5055  
ZONED NTSFLD

COLUMBIA  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2  
PHASE III  
OPEN SPACE LOT 459  
PLAT 5058  
ZONED NTSFLD



BUILDING RESTRICTION LINES  
Front: 20' Min  
Sides & Rear: 7.5' Min - Except where noted

NOTE: Existing topo was field run by Clark, Finefrock & Sackett Inc, April 1988



**TYPICAL HOUSES**  
SCALE: 1" = 30'

NOTE: All units have 8' eaves front & rear

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT COUNTY HEALTH OFFICER <i>[Signature]</i> DATE: 10-10-88	6-23-88 LCS
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING PLANNING DIRECTOR <i>[Signature]</i> DATE: 10-27-88	
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT <i>[Signature]</i> DATE: 1-15-88	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DIRECTOR <i>[Signature]</i> DATE: 10-7-88	
CHIEF BUREAU OF ENGINEERING <i>[Signature]</i> DATE: 10-6-88	



<b>CLARK • FINEFROCK &amp; SACKETT, INC</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINISTREL WAY • COLUMBIA, MD 21045 • (301) 381-7200 - BALTO. • (410) 771-8100 - WASH.		
DESIGNED <b>CMS</b>	<b>SITE DEVELOPMENT PLAN</b> <b>LOTS 439 THRU 451</b> <b>COLUMBIA</b> VILLAGE OF KINGS CONTRIVANCE SECTION 2, AREA 3 PHASE 3 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR WILLIAMSBURG BUILDERS P.O. BOX 1018 Columbia, Maryland 21044 SDP 88-225	SCALE 1" = 30'
DRAWN <b>VLM</b>		DRAWING 2 OF 4
CHECKED <b>CMS</b>		JOB NO. 88-036
DATE <b>5-G-88</b>		FILE NO. 88-036 X

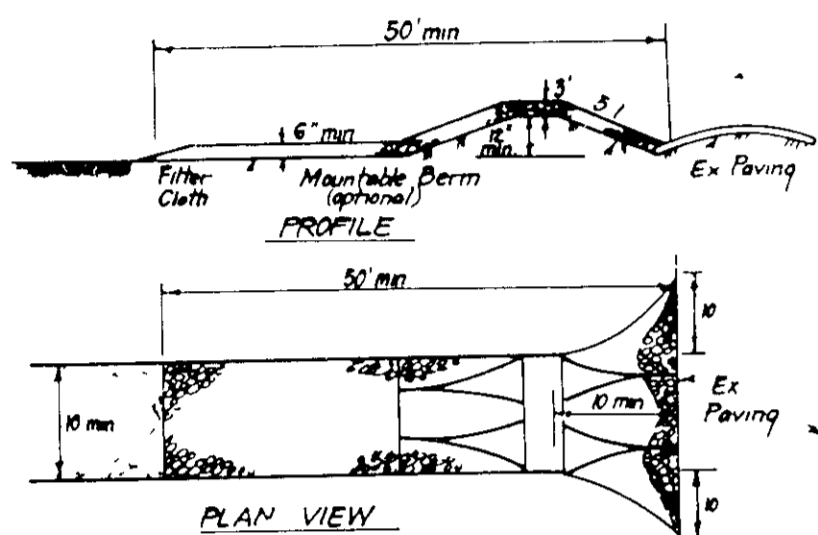
Date	REVISION	No

**LEGEND**

- 1 Contour interval 2 FT
- 2 Existing Contour 100
- 3 Proposed Contour 110
- 4 Spot Elevation
- 5 1" = 10' Drainage
- 6 1" = 10' Basement
- 7 Existing Trees
- 8 Existing Trees to be Retained
- 9 Existing Elevation 200.0
- 10 House Number Sign Approx Location

**CONSTRUCTION SEQUENCE**

	# OF DAYS
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize	14
B. Excavate for foundations and Rough Grade & temporarily stabilize	60
C. Construct Structures, Sidewalks and Driveways	80
D. Final Grade and stabilize in accordance with Stds. & Specs.	30
E. Upon approval of the sediment control inspector remove sediment control devices and stabilize	14



**CONSTRUCTION SPECIFICATIONS**

- 1 Stone size - Use 2" stone or reclaimed or recycled concrete equivalent
- 2 Length - As required, but not less than 50' feet (except on a single residence lot where a 30' foot minimum length would apply)
- 3 Thickness - Not less than six (6) inches
- 4 Width - Ten (10) feet minimum, but not less than the full width of paths where ingress or egress occurs
- 5 Filter Cloth - Will be placed over the entire area prior to topsoil of stone. Filter will not be required on a single family residence lot
- 6 Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mound able berm with a 2% slope will be constructed
- 7 Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic top dressing with additional stone for construction demand and repair and/or cleaning of any impurities used to trap sediment. All sediment applied, trapped, washed or tracked onto public rights-of-way must be removed immediately
- 8 Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device
- 9 Periodic inspection and needed maintenance shall be provided after each rain

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**

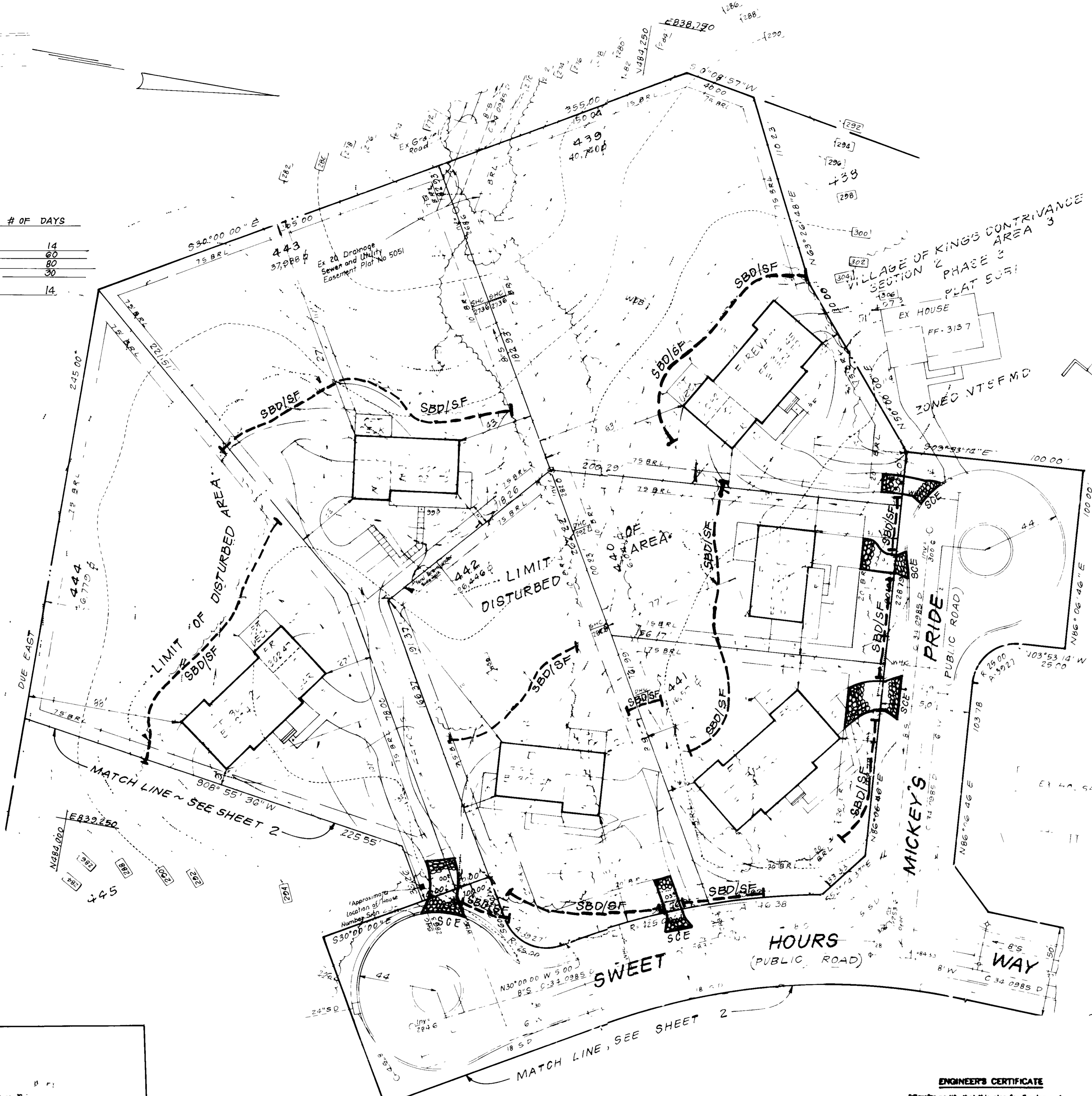
**DEVELOPERS/BUILDERS CERTIFICATION**

I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance as a Dept. 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 Hunder* 8-1-88  
Signature of Developer/Builder Date

**# OF DAYS**

	# OF DAYS
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize	14
B. Excavate for foundations and Rough Grade & temporarily stabilize	60
C. Construct Structures, Sidewalks and Driveways	80
D. Final Grade and stabilize in accordance with Stds. & Specs.	30
E. Upon approval of the sediment control inspector remove sediment control devices and stabilize	14



1. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

2. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

3. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

4. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

5. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

6. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

7. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

8. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

9. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

10. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

11. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

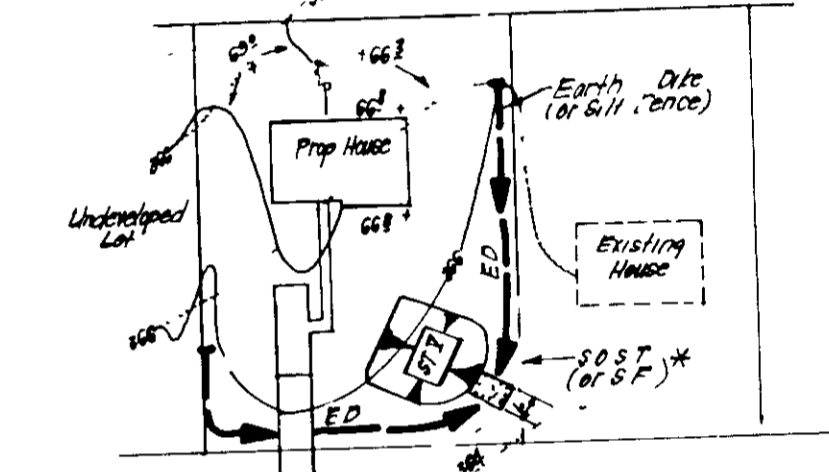
12. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

13. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

14. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

15. The applicant shall provide and maintain sediment control devices and stabilization measures in accordance with the approved plan and specifications throughout the entire construction process.

- 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 control must be provided, if deemed necessary by the Howard County DEW sediment control inspector.
- 10) On all sites with disturbed areas in excess of 2,000 sq. ft., approval of the inspection agency shall be required 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.
- 11) If houses are to be constructed on an "As-Built" basis, at random, Single Lot Sediment Control is shown below shall be implemented.
- 12) All pipes to be blocked at the end of each day. (See detail below)
- 13) The total amount of straw bale disks/silt fence repairs 2025' LF



\* NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or if any lots sharing a common property line must be an owner or operator.

**SINGLE LOT SEDIMENT CONTROL PLAN**  
1/8" SCALE

Reviewed for **HOWARD** S.C.D.  
Name  
and meets Technical Requirements  
Signature  
Date  
U.S. Soil Conservation Service

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

*Stephen J. Spuler* 9/28/88  
Date

*Jorge L. Breyer* 10-10-88  
*Mark J. Taylor* 10-27-88  
*R. M. Berman* 10-7-88  
*R. C. ...* 10-6-88

COMMUNITY PLANNING AND LAND DEVELOPMENT  
6-23-88  
LKS

**ENGINEER'S CERTIFICATE**  
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 conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*G. Nelson Clark* 8-1-88  
Date

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

**SEDIMENT AND EROSION CONTROL PLAN**  
LOTS 430 - 451  
**COLUMBIA**  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2, AREA 3, PHASE 3  
6th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR WILLIAMSBURG BUILDERS  
PO BOX 1018  
COLUMBIA, MARYLAND 21044  
SDP 88-225

DESIGNED: DGT  
DRAWN: GS  
CHECKED: DGT  
DATE: JULY '88

SCALE: 1" = 30'  
DRAWING: 3 OF 4  
JOB NO: 88-036  
FILE NO: 88-036 SE

COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 PHASE II OPEN SPACE LOT 459 PLAT 5052 ZONED NTSFLD

COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 PHASE 3 PLAT 5051 ZONED NTSFLD

**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 erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. 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 M. ...*  
Signature of Developer/Builder  
8-1-88 Date

Reviewed for HOWARD S.C.D. and meets Technical Requirements  
*[Signature]*  
U.S. Soil Conservation Service

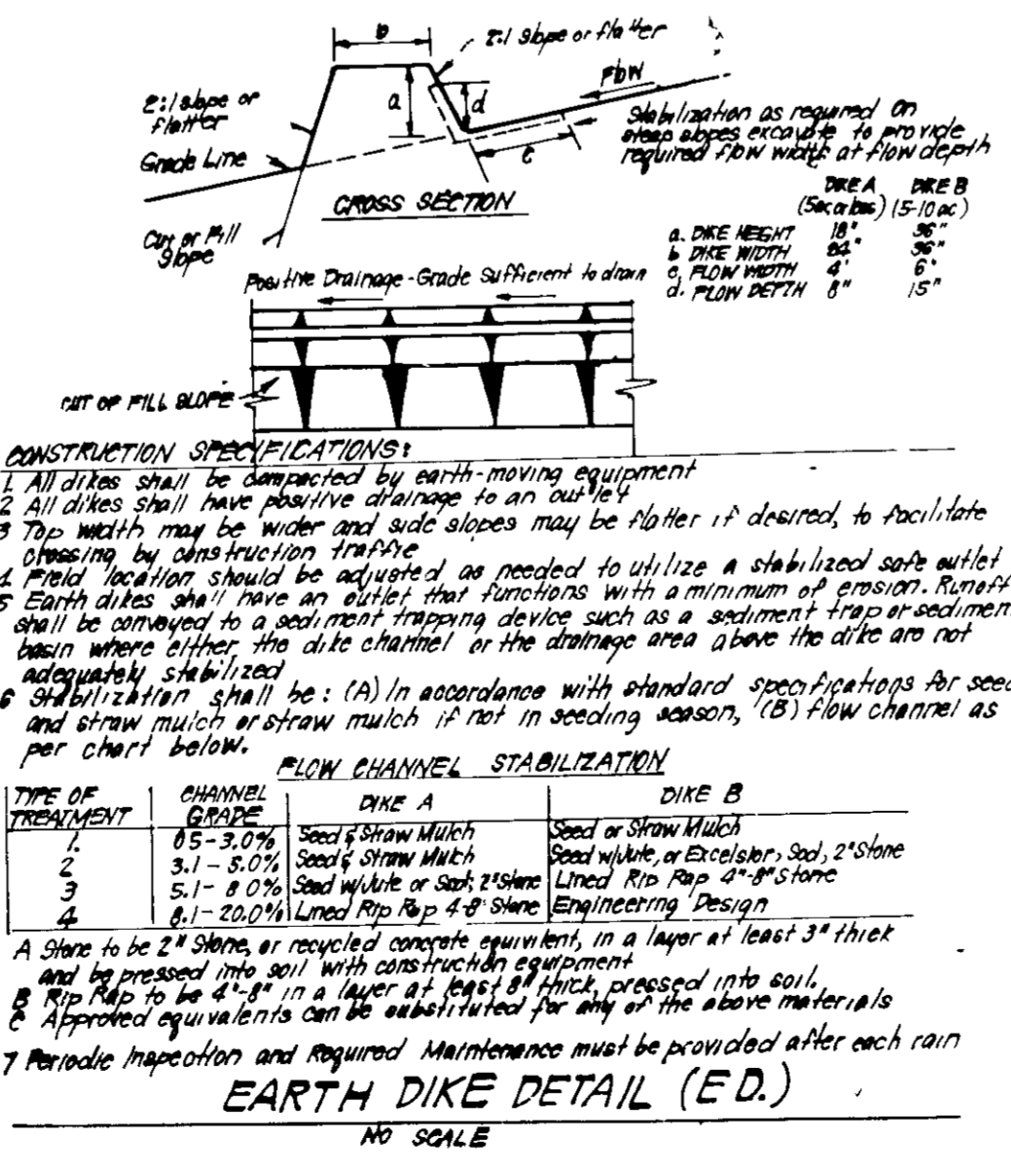
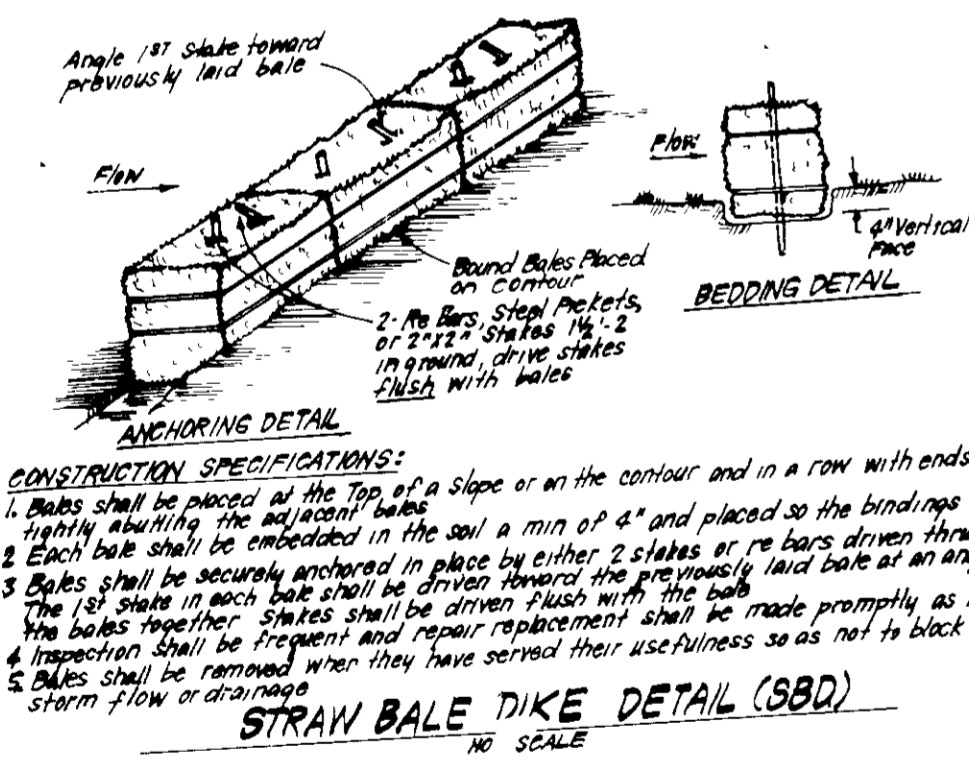
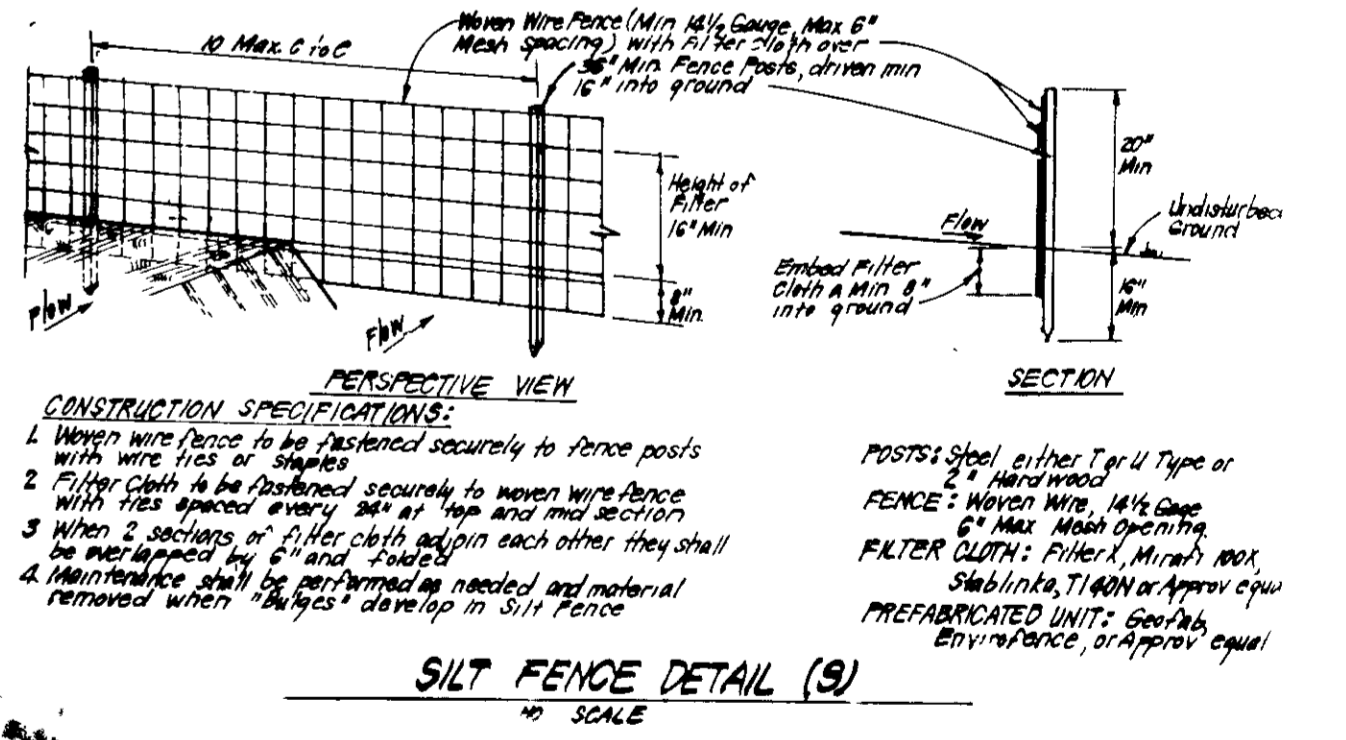
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*[Signature]*  
DATE

**ENGINEER'S CERTIFICATE**

"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 conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

*[Signature]*  
G. NELSON CLARK  
8-1-88 Date



Apply to silt 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:  
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. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 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. Narrow 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 50 lbs per acre (1 1/4 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 (0.5 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 of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. 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 untreated 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.

Inspect all seeded 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.  
**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.  
**Soil Amendments:** Apply 500 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 25 bushel per acre of annual ryegrass (3 1/2 lbs/1000 sq ft). For the period May 1 thru August 15, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000 sq ft). For the period November 16 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 seed.  
**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.  
Refer to the 1981 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

APPROVED FOR PUBLIC WATER AND SEWER SYSTEMS  
APPROVED FOR COMMUNITY PLANNING AND LAND DEVELOPMENT  
APPROVED FOR PUBLIC WATER AND SEWER SYSTEMS AND PUBLIC STORM DRAINAGE SYSTEMS AND PUBLIC ROADWORKS  
HARDWARE COUNTY DEPARTMENT OF PUBLIC WORKS

10-10-88  
10-27-88  
10-25-88  
6-23-88

10-6-88

CLARK • FINEPROCK & SACKETT, INC  
ENGINEERS • PLANNERS • SURVEYORS

SEDIMENT AND EROSION CONTROL PLAN  
LOTS 439 THRU 451

COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2, AREA 3 PHASE 3 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FOR WILLIAMSBURG BUILDERS  
P.O. BOX 1018  
Columbia, Maryland 21044

SCALE: 1"=30'  
DRAWING: 4 of 4  
JOB NO: 88-036  
FILE NO: 88-036 SE  
SDP 88-225