

General Notes

- The subject property is zoned NT-SFA.
- The coordinates shown hereon are based on NAD '83 Maryland Coordinate System as projected by Howard County Geodetic Control Station Numbers 36 IA and 37 DR.
- All roadways are public and are existing.
- Total area included in this submission is 180,207 S.F. ± or 4.137 Ac. ±.
- There are 61 units on 59 residential lots plus 2 community open areas for a total of 61 lots.
- The contractor shall verify all locations, dimensions and grades before proceeding with construction.
- Any damage to county-owned right-of-way shall be corrected at the developers expense.
- Applicable DPZ File References: S-93-16, P-94-16, F-95-25, #24-3355-D, #20-3352-D, Deed Ref. L. 1535 F. 103, FDP Phase 216, SP-95-07, F-16-86, #24-9521-D.
- The contractor or developer shall contact the construction/inspection survey division 24 hours in advance of commencement of work at 313-1880.
- Topography shown hereon is taken from aerial maps dated 1963 from Howard Research & Development Corp., supplemented topographic data by Clark, Finetrock & Sackett, Inc., SEC & grading plan and field data by Datt McCune & Walker 3/94.
- All road construction, storm drainage facilities, and public water and sewer are shown for reference only. Refer to F-16-86 & Contract #24-9521-D plans for all phases of construction.
- All work shall be performed in accordance with the latest version of Howard County Standards, Specifications, and Details for Construction.
- Community Open Space Lots: A60 & A61.
- Decks, open or closed, may extend not more than 3 feet into a required front or rear yard. Bay windows, oriels, vestibules, balconies, or chimneys not more than 10 feet in width may project not more than 4 feet into the setback area. Refer to FDP Phase 216 for all setback provisions.
- Miss Utility Note:
Contractor to notify the following utilities or agencies at least five days before starting work shown on these drawings:
 Miss Utility 1-800-257-7777
 C&P Telephone Company 725-9976
 Howard County Bureau of Utilities 313-4900
 AT&T Cable Location Division 393-3553
 Baltimore Gas & Electric Company 685-0123
 State Highway Administration 531-5533
- SWM quantity and quality will be provided by F-95-25.
- Wetlands shown have been determined by field delineation by Kidd Consultants and surveyed by Fisher, Collins and Carter, and by field delineation by GTA and surveyed by Gutschok, Little and Weber.
- Floodplain study for tributaries to Dorsey Run prepared by Clark Finetrock & Sackett, Inc. Floodplain study F-95-25 for Dorsey Run taken from previously approved study by Furum & Jeschke, dated March 1987.
- There are no known burial grounds or cemeteries located within the site.
- Lots 50 & 51 contain an upper and lower unit. The lower level unit is a grade level flat unit which meets handicap accessibility. See Sheet 2 of 5 for typical floor plan.
- Refuse to be picked up at curb side.
 NOTE: The contractor will be responsible for trash removal for residents until unhindered access to the area for large trash trucks can be accomplished.

SITE ANALYSIS DATA

- General Site Data
 - Present zoning: NT-SFA
 - Applicable DPZ File References: S-93-16, P-94-16, F-95-25, #24-3355-D, Deed Ref. L. 1535 F. 103, FDP Phase 216, SP-95-07, F-16-86, #24-9521-D.
 - Proposed Use of Site or Structure(s): SFA
 - Proposed Water and Sewer Systems: Public
- Area Tabulation
 - Total Project Area: 4.137 Acres.
 - Net Area of Site: 4.137 Acres.
 - Area of This Plan Submission: 4.137 Acres.
 - Limit of Disturbed Area: 4.137 Acres.
 - Building Coverage of Site: N/A Acres and N/A % of Gross Area (Permitted) 0.969 Acres and 23% of Gross Area (Proposed)
- Unit/Lot Tabulation:
 - Total number of Residential Units/Lots allowed for Project: 431 attached units are permitted on Parcels A, B, C, E, & F per FDP phase 216.
 - Total number of Residential Units/Lots Proposed on This Submission: 61 Units/59 Lots
 - Density of Project per Net Acre: 14.75
 - Total Number of Non-Residential Lots/Parcels on This Submission: 2 Lots
 - Overall Total Number of Lots/Parcels on This Submission: 61
- Open Space Data
 - Community Open Area on Site: 1.315 Acres 32% of Gross Area.
 - Area of Recreation Open Space Required by Subdivision and Land Development Regulations: N/A
- Parking Space Data
 - Number of Parking Spaces Required by FDP Criteria at 2 spaces/unit: 122 SP.
 - Total Number of Parking Spaces Provided On-Site: 128 SP.
 - Number of Handicapped Parking Spaces Provided: 2 HC.

VILLAGE OF LONGREACH

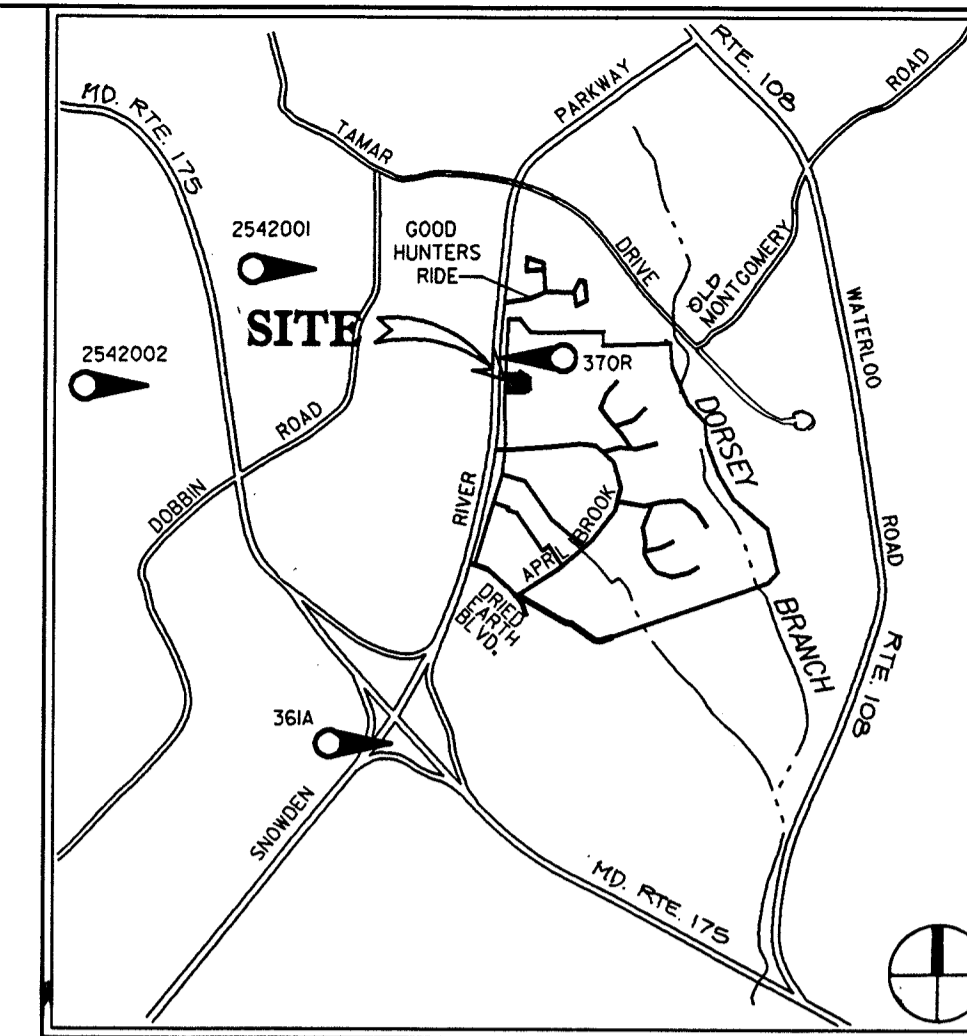
SECTION 4 AREA 2

LOTS A1-A61

SITE DEVELOPMENT PLAN

6th ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

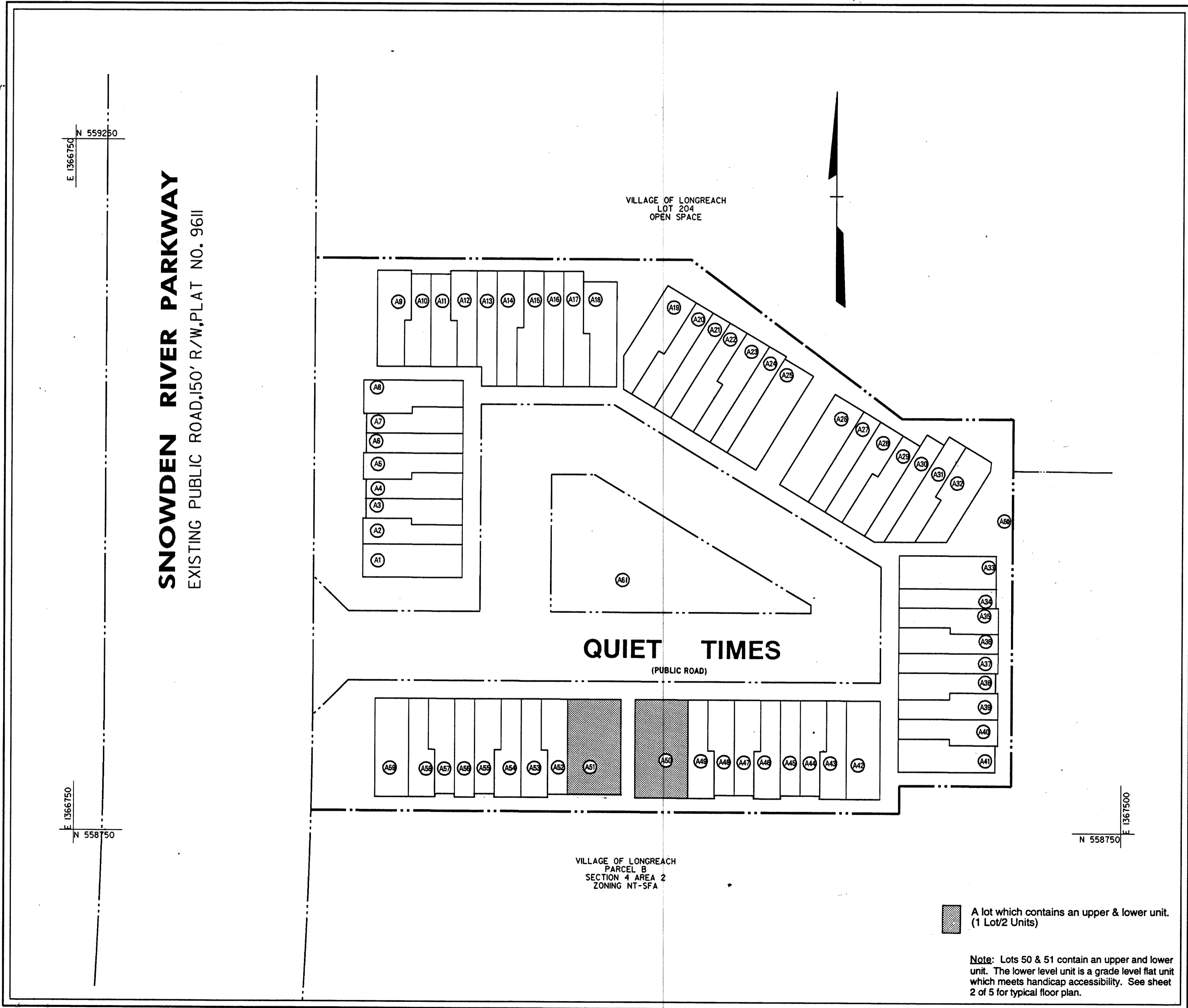


VICINITY MAP
SCALE: 1" = 2000'

SHEET INDEX

- COVER SHEET
- SITE/GRADING PLAN
- LANDSCAPE PLAN
- SEDIMENT AND EROSION CONTROL PLAN
- SEDIMENT AND EROSION CONTROL DETAILS/DETAILS

APPROVED
PLANNING BOARD
of HOWARD COUNTY
DATE: 24 April 1996



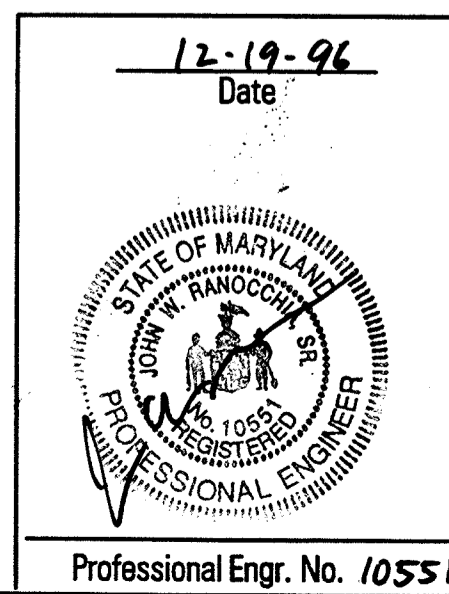
LOCATION MAP
SCALE 1" = 50'

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Chief Development Engineering Division: *John J. ...* DATE: 2/21/97
 Chief Division of Land Development: *Richard ...* DATE: 2/25/97
 Director: *Joseph ...* DATE: 2/26/97

VILLAGE OF LONGREACH
SECTION 4 AREA 2
LOTS A1-A61
OWNER/DEVELOPER
ENTERPRISE HOUSING CORPORATION OF MARYLAND, INC.
10227 WINCOPEN CIRCLE SUITE 810
COLUMBIA, MD 21044

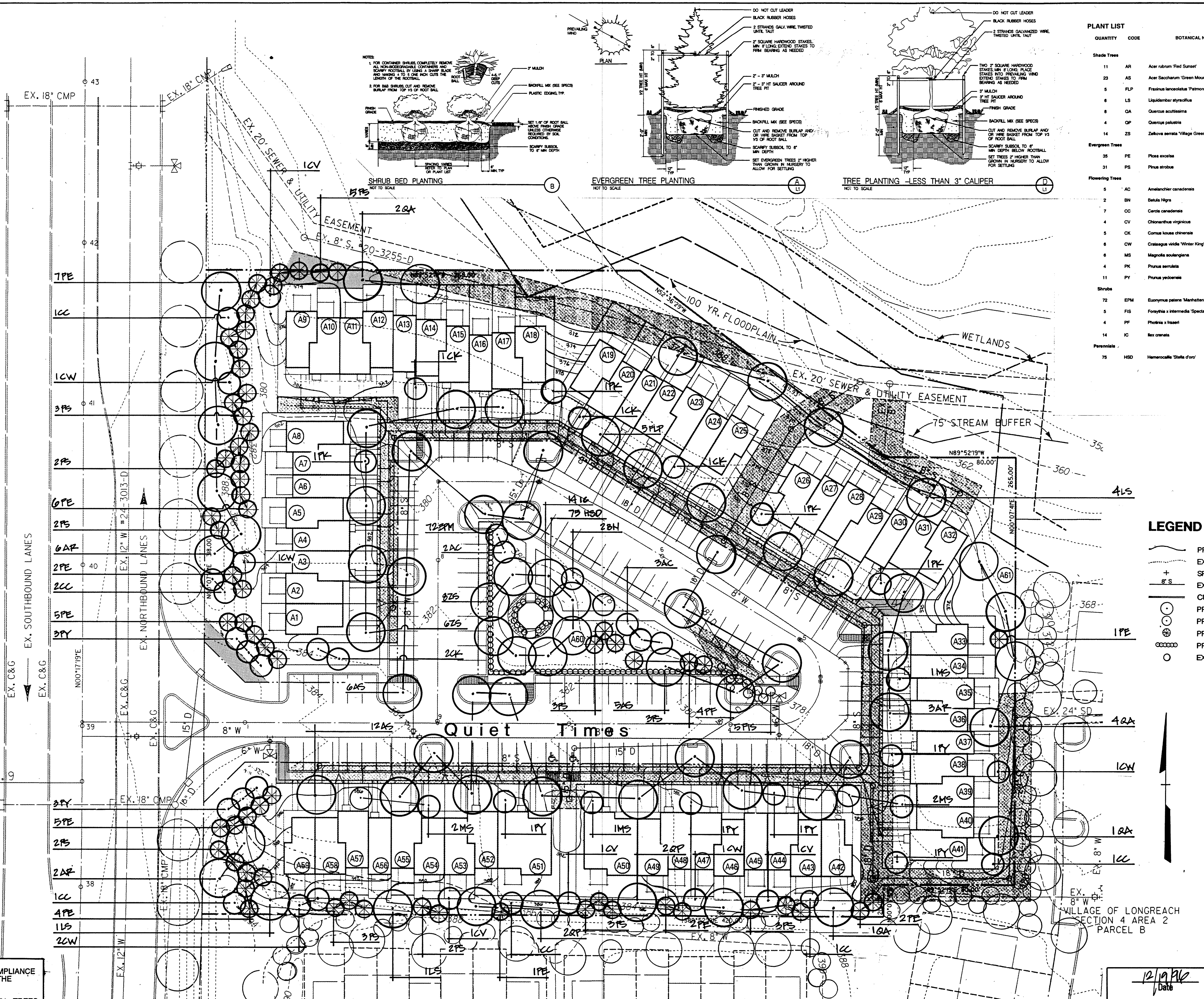
DMW
Datt McCune-Walker, Inc.
200 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-3883
Fax: 296-4708
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals

SUBDIVISION NAME: LONGREACH		SECTION: SECTION 4, AREA 2		LOT/PARCEL: A1-A61	
MAP OR PLAT: 125-29	BOOK: 7	PAGE: 37	SHEET: 6TH	DATE: 08/27/96	OWNER: DMW
TITLE: COVER SHEET		SCALE: 1" = 50'		PROJ. NO.: 94004	
DESIGNED BY: MEP	DATE: 10-23-96	APPROVED BY: THP		1 OF 5	



SNOWDEN RIVER PARKWAY

EXISTING PUBLIC ROAD, 150' R/W, PLAT NO. 9611



Streamwood						
QUANTITY	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
Shade Trees						
11	AR	Acer rubrum 'Red Sunburst'	Red Sunburst Maple	2 1/2-3" Cal.	B&B	
23	AS	Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	2 1/2-3" Cal.	B&B	Full Crown
5	FLP	Fraxinus lanceolata 'Palmetto'	Palmetto Ash	2 1/2-3" Cal.	B&B	
6	LS	Liquidambar styraciflua	Sweetgum	2 1/2-3" Cal.	B&B	
8	QA	Quercus acutissima	Sawtooth Oak	2 1/2-3" Cal.	B&B	
4	OP	Quercus palustris	Pin Oak	2 1/2-3" Cal.	B&B	
14	ZS	Zelkova serrata 'Village Green'	Village Green Zelkova	2 1/2-3" Cal.	B&B	Full Crown
Evergreen Trees						
35	PE	Pinus escholtzii	Norway Spruce	6-8'	B&B	Heavy
31	PS	Pinus strobus	White Pine	6-8'	B&B	Heavy
Flowering Trees						
5	AC	Amelanchier canadensis	Downy Shadowbox	8-10'	B&B	
2	BN	Betula Nigra	River Birch	8-10'	B&B	Single stem
7	CC	Cercis canadensis	American Redbud	8-10'	B&B	
4	CV	Chionodoxa virginica	White Fringetree	8-10'	B&B	
5	CK	Cornus kousa chinensis	Kousa Dogwood	8-10'	B&B	Heavy, Multi-stem
6	CW	Crataegus viridis 'Winter King'	Winter King Hawthorn	8-10'	B&B	
6	MS	Magnolia soulangiana	Sacchar Magnolia	8-10'	B&B	
4	PK	Prunus serrulata	Kerasan Oriental Cherry	8-10'	B&B	
11	PY	Prunus yedoensis	Yoshino Cherry	8-10'	B&B	Heavy
Shrubs						
72	EPM	Euconymia petersii 'Manhattan'	Manhattan Sherry Euconymus	18-24"	B&B	
5	FIS	Forsythia x intermedia 'Spectabilis'	Border Forsythia	2-3'	B&B	
4	PF	Photinia x haerlii	Freesia's Red Tip Photinia	24-30"	B&B	
14	IC	Ilex cornuta	Japanese Holly	18-24"	B&B	
Perennials						
75	HSD	Hemerocallis 'Stella d'oro'	Daylily	12-18"	Cont.	

Financial surety for landscaping to be posted with the Grading Permit for \$11,100.

NOTE: THIS PLAN IS FOR LANDSCAPE INSTALLATION PURPOSES ONLY.

LEGEND

- PROPOSED CONTOUR
- - - EXISTING CONTOUR
- + SPOT ELEVATIONS
- EXISTING UTILITY
- CURB & GUTTER
- PROPOSED SHADE TREE
- ⊗ PROPOSED ORNAMENTAL TREE
- ⊙ PROPOSED EVERGREEN TREE
- ⊘ PROPOSED SHRUB
- EXISTING TREE

APPROVED
PLANNING DIVISION
of HOWARD COUNTY
DATE 24 April 1996

APPROVED: DEPARTMENT OF PLANNING AND ZONING
[Signature] 2/1/97
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[Signature] 2/25/97
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[Signature] 2/26/97
 DIRECTOR DATE

Date No. Revision Description

VILLAGE OF LONGREACH
 SECTION 4 AREA 2
 LOTS A1-A61

OWNER/DEVELOPER
 ENTERPRISE HOUSING CORPORATION OF MARYLAND, INC.
 10227 WINCOPEN CIRCLE SUITE 810
 COLUMBIA, MD 21044

DMW
 Dawn M. Wilson, Inc.
 200 West Pennsylvania Avenue
 Towson, Maryland 21286
 (410) 298-3838
 Fax 298-4705

A Team of Land Planners,
 Landscape Architects,
 Engineers, Surveyors &
 Environmental Professionals

PROJECT: VILLAGE OF LONGREACH SECTION 4 AREA 2 LOTS A1-A61
 MAP NO. 12524 7 NT
 TOWN CODE E07
 VALUE \$ 3930000

TITLE
LANDSCAPE PLAN

Des By MEP Scale 1" = 30' Proj. No. 94004
 Dm By MEP Date 10-23-96
 Chk By THF Approved **3 OF 5**

LANDSCAPE BONDING NOTE
 FINANCIAL SURETY FOR THE ALTERNATIVE COMPLIANCE
 LANDSCAPING MUST BE POSTED AS PART OF THE
 GRADING PERMIT IN THE AMOUNT OF \$11,100.

61 UNITS X 1 TREE/UNIT	=	61 TREES
128 PARKING SPACES/10	=	13 TREES
SFA TO ROAD - 300 L.F.	=	8 TREES
300/50 L.F.	=	6 TREES
300/40 L.F.	=	8 TREES
SFA TO ALL OTHER USES	=	23 TREES
1,322/60 L.F.	=	23 TREES
TOTAL OBLIGATION	=	103 TREES
SHADE TREES	=	8 TREES
EVERGREEN TREES	=	8 TREES
TOTAL	=	111 TREES

NOTE
 THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE NEW
 TOWN ALTERNATIVE COMPLIANCE PROVISIONS OF SECTION 16.124 OF
 THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.

SNOWDEN RIVER PARKWAY

EXISTING PUBLIC ROAD, 150' R/W, PLAT NO. 9611

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS:

Charles J. ... 01-27-97
U.S. SOIL CONSERVATION SERVICE DATE

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

John P. Roberts 1/7/97
HOWARD S.C.D. DATE

Sequence of Construction

1. Obtain a grading permit.
2. Notify Howard County Office of Inspection and Permits (313-1855) a minimum of 48 hours to the start of any construction.
3. Install sediment and erosion control measures or devices.
4. Clear, grub, strip and grade site.
5. Stabilize all nonactive graded surfaces with temporary seeding.
6. Begin building construction.
7. Fine grade and stabilize site.
8. With the prior permission of the Sediment Control Inspector and the Howard County Sediment Control Division, remove sediment controls. Fine grade and stabilize these areas.

LIMIT OF DISTURBANCE: 2.55 AC ± OF 111,200 SF ±.

LEGEND

- SILT FENCE
- SUPER SILT FENCE
- #2 STONE CHECK DAM
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF WETLANDS
- 25' WETLANDS BUFFER
- 100 YEAR FLOODPLAIN
- 75' STREAM BUFFER
- SUMP INLET PROTECTION
- LIMIT OF DISTURBANCE
- PROPOSED DRAINAGE AREA

NOTE: THIS PLAN IS FOR SEDIMENT & EROSION CONTROL INSTALLATION PURPOSES ONLY

SEE SHEET SHT. 2 FOR BASEMENT SLAB ELEVATIONS

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 24 April 1996

CERTIFICATION 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.

CERTIFICATION 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 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.

Marsha Grayson December 19, 1996
DATE
MARSHA GRAYSON

- NOTES:**
1. All curb and gutter, roads, and storm drains are to be constructed under contract
 2. All water and sewer is to be constructed under contract #
 3. The contractor shall verify all locations, dimensions, and grades before proceeding with construction.

APPROVED: DEPARTMENT OF PLANNING AND ZONING	DATE
<i>[Signature]</i>	2/21/97
CHIEF DEVELOPMENT ENGINEERING DIVISION	DATE
<i>[Signature]</i>	2/25/97
CHIEF DIVISION OF LAND DEVELOPMENT	DATE
<i>[Signature]</i>	2/26/97
DIRECTOR	DATE

Date No. Revision Description

VILLAGE OF LONGREACH

SECTION 4 AREA 2
LOTS A1-A61

OWNER/DEVELOPER
ENTERPRISE HOUSING CORPORATION OF MARYLAND, INC.
10227 WINGOPEN CIRCLE SUITE 810
COLUMBIA, MD 21044

DMW
Duck-McCune-Walton, Inc.
300 East Pennsylvania Avenue
Towson, Maryland 21286
(410) 296-8833
Fax: 296-4705

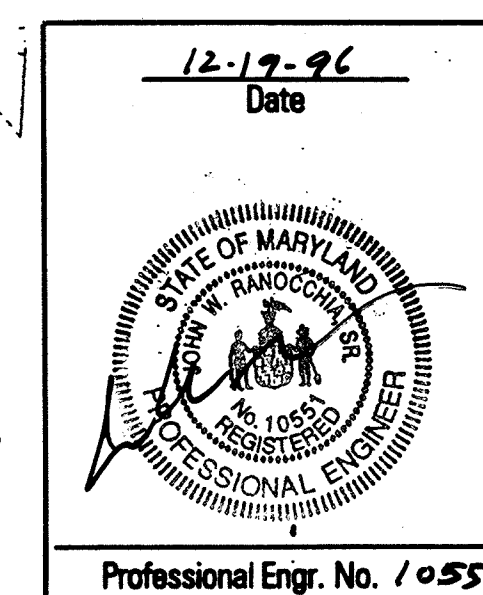
A Team of Land Planners, Landscape Architects, Engineers, Surveyors & Environmental Professionals

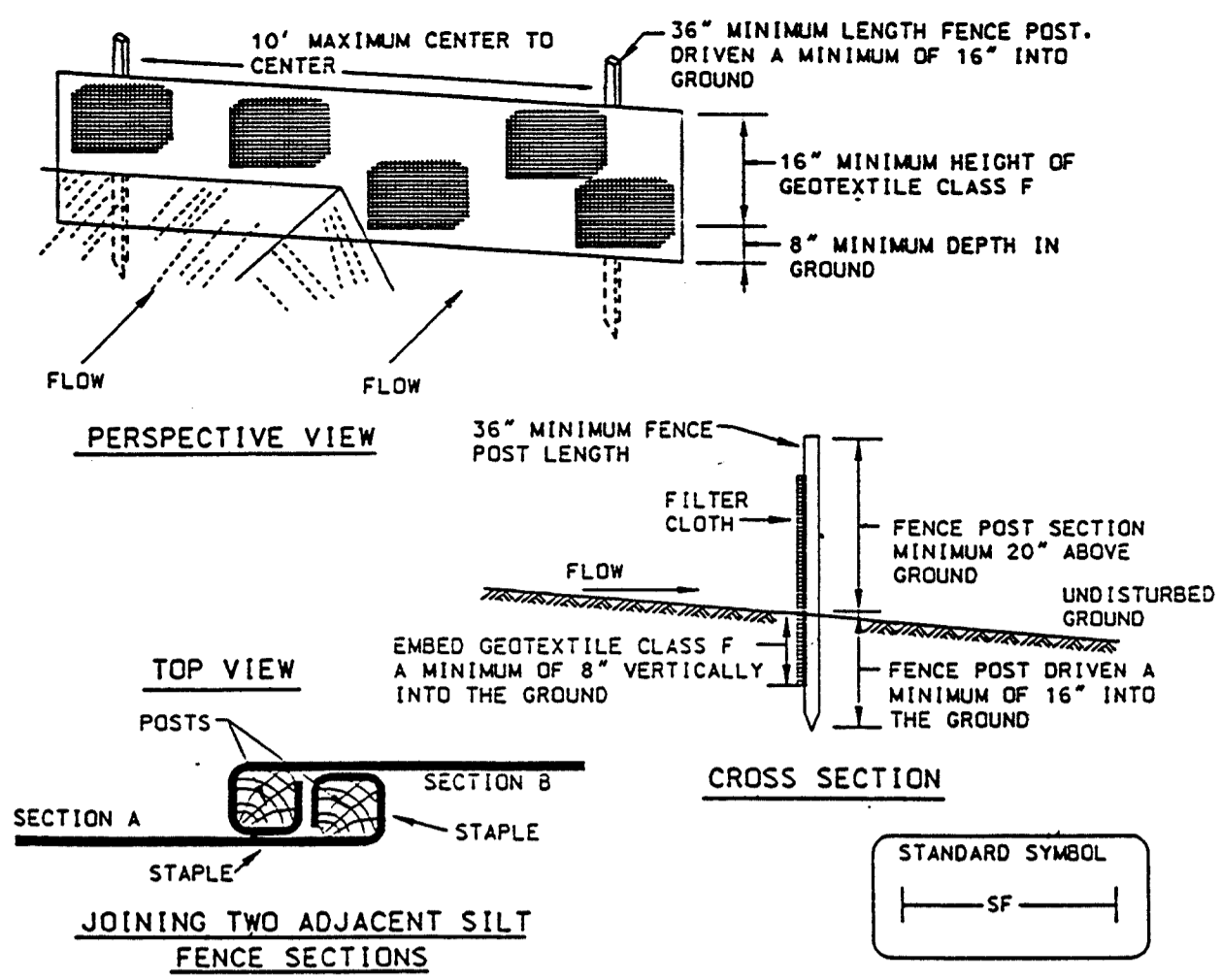
SECTION	LONGREACH	SECTION	SEC 4 AREA 2	SHEET	A1-A61
DATE	12/22/96	DATE	12/22/96	DATE	12/22/96
DATE	12/22/96	DATE	12/22/96	DATE	12/22/96
DATE	12/22/96	DATE	12/22/96	DATE	12/22/96

TITLE
SEDIMENT AND EROSION CONTROL PLAN

Des By	CPW	Scale	1" = 30'	Proj. No.	94004
Dim By	MEP	Date	10-23-96		
Chk By	JWR	Approved			

Professional Engr. No. 10557





- Construction Specifications**
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 1/2" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal #/minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

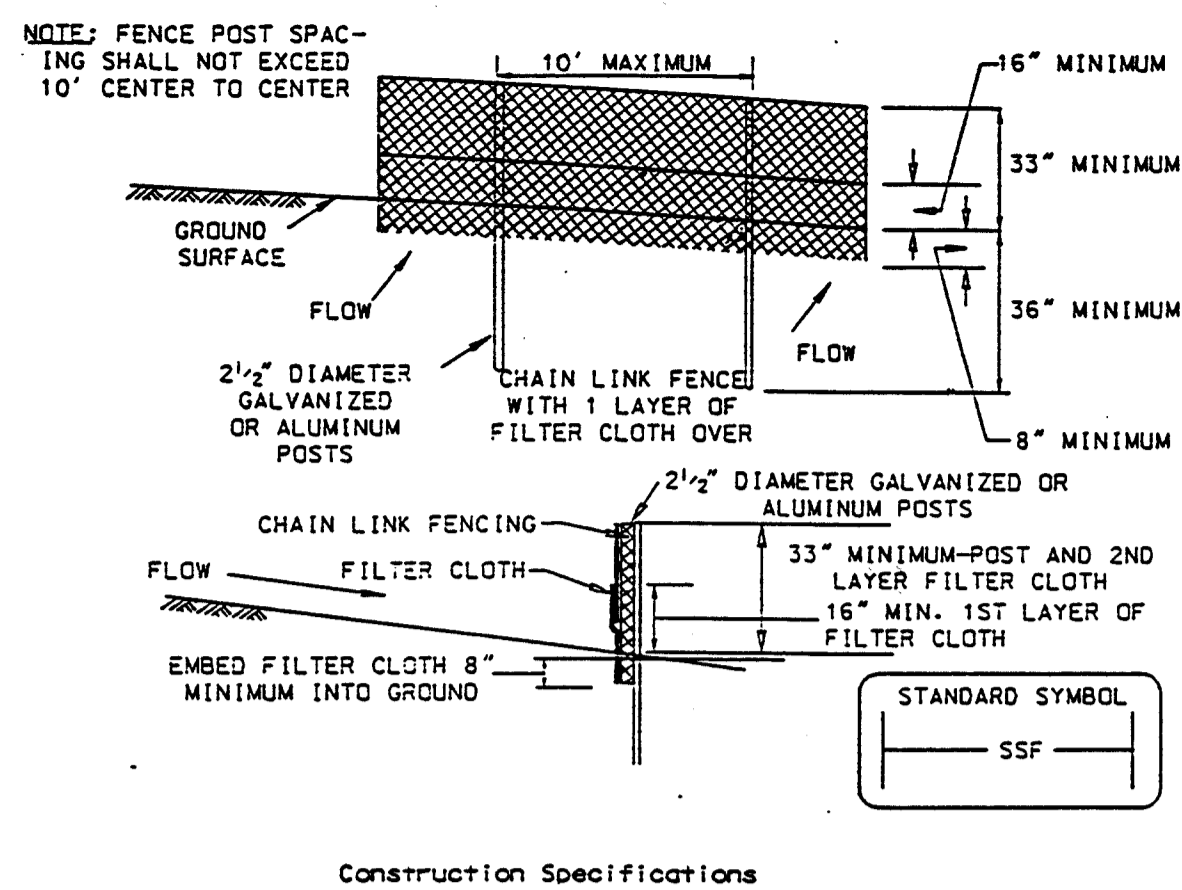
- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

Silt Fence Design Criteria

Slope Steepness	Silt Fence Length (Maximum)	
	Slope Length	Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2:1 slope and sandy soils (USDA general classification system soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

1 SILT FENCE DETAIL



Construction Specifications

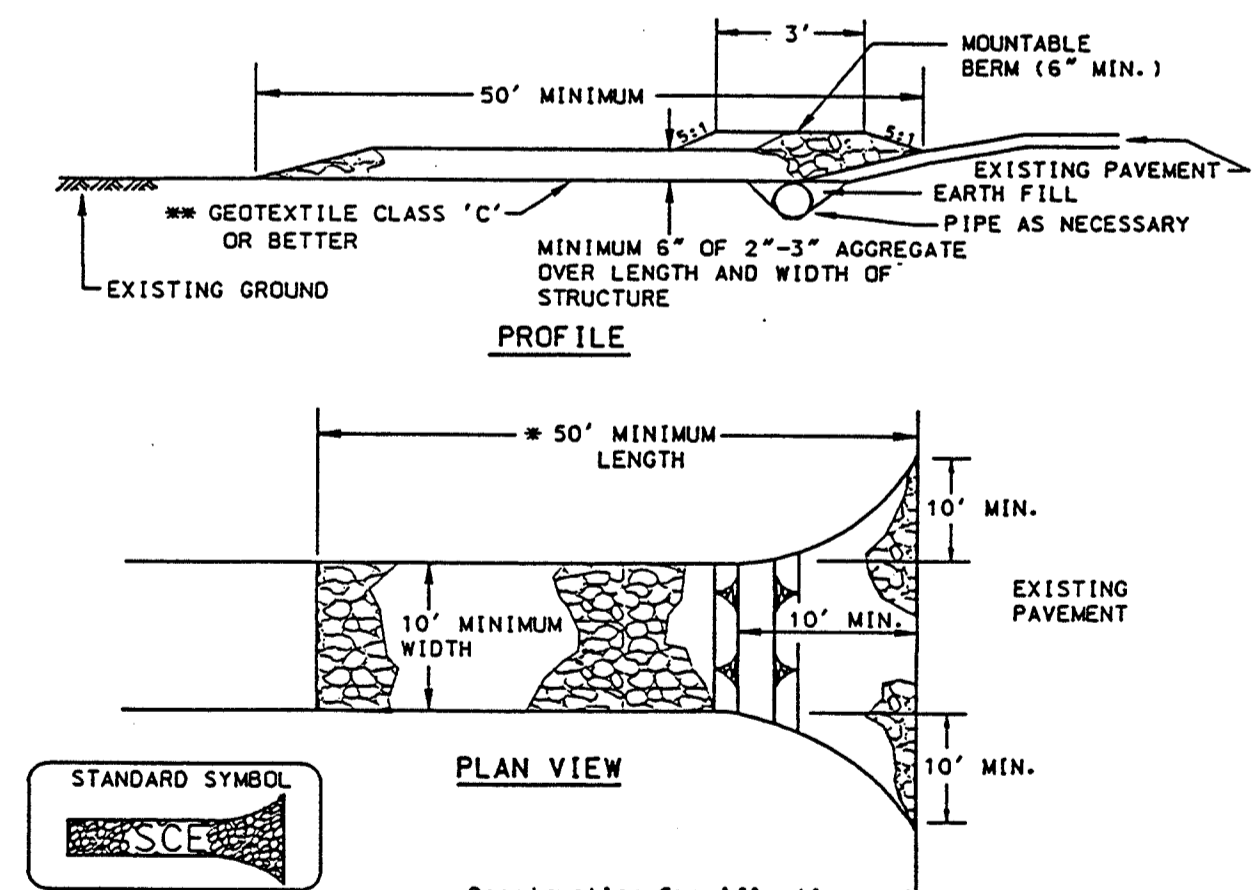
Fencing shall be 42 inches in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6 foot fence shall be used, substituting 42 inch fabric and 6 foot length posts.

- The poles do not need to set in concrete.
- Chain link fence shall be fastened securely to the fence posts with wire ties or staples.
- Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
- Filter cloth shall be embedded a minimum of 8" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
- Maintenance shall be performed as needed and silt builds removed when "bulges" develop in the silt fence.

Design Criteria

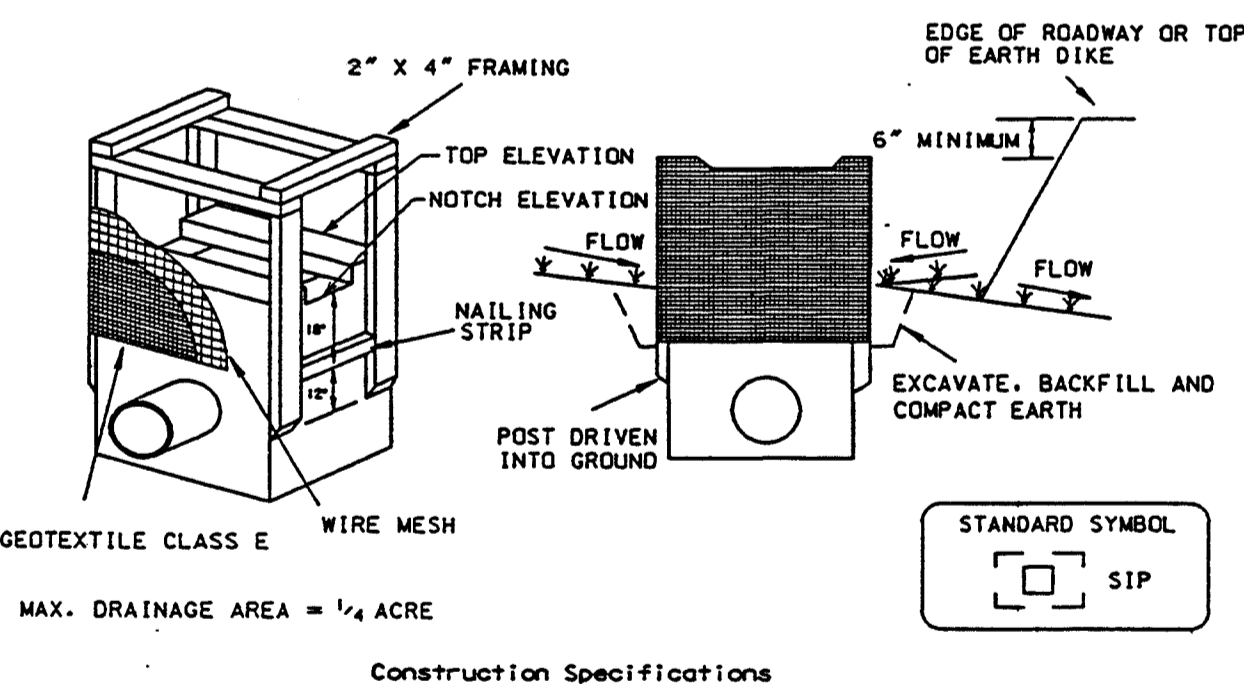
Slope	Slope Steepness	Slope Length (maximum)	Silt Fence Length (maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 33%	5:1 - 3:1	100 feet	1,000 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

3 SUPER SILT FENCE DETAIL



- Construction Specifications**
- Length - minimum of 50' (#30' for single residence lot).
 - 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. The plan approval authority may not require single family residences to use geotextile.
 - Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
 - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

2 STABILIZED CONSTRUCTION ENTRANCE



- Construction Specifications**
- Excavate completely around the inlet to a depth of 18" below the notch elevation.
 - Drive the 2" x 4" construction grade lumber posts 1' into the ground at each corner of the inlet. Place nail strips between the posts on the ends of the inlet. Assemble the top portion of the 2" x 4" frame using the overlap joint shown on Detail 23A. The top of the frame (weir) must be 6" below adjacent roadways where flooding and safety issues may arise.
 - Stretch the 1/2" x 1/2" wire mesh tightly around the frame and fasten securely. The ends must meet and overlap at a post.
 - Stretch the Geotextile Class E tightly over the wire mesh with the geotextile extending from the top of the frame to 18" below the inlet notch elevation. Fasten the geotextile firmly to the frame. The ends of the geotextile must meet at a post, be overlapped and folded, then fastened down.
 - Backfill around the inlet in compacted 6" layers until the layer of earth is level with the notch elevation on the ends and top elevation on the sides.
 - If the inlet is not in a sump, construct a compacted earth dike across the ditch line directly below it. The top of the earth dike should be at least 6" higher than the top of the frame.
 - The structure must be inspected periodically and after each rain and the geotextile replaced when it becomes clogged.

4 STANDARD INLET PROTECTION DETAIL

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 3 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 (92 lbs./1,000 sq. ft.) and 1,000 lbs. per acre 10-10-10 fertilizer (14 lbs./1,000 sq. ft.) before seeding. Harrow or disk into upper 3 inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1,000 sq. ft.).
- Acceptable** - Apply 2 tons per acre dolomitic limestone (92 lbs./1,000 sq. ft.) and 1,000 lbs. per acre 10-10-10 fertilizer (23 lbs./1,000 sq. ft.) before seeding. Harrow or disk into upper 3 inches of soil.

Seeding - For the periods March 1 through April 30, and August 1 through October 15, seed with 60 lbs. per acre (1.4 lbs./1,000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 through July 31 seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1,000 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./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./1,000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after applications using mulch anchoring tool or 218 gallons per acre (5 gal./1,000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1,000 sq. ft.) for anchoring.

Maintenance - Inspect all seeding area and make needed repairs, replacements and reseed.

Temporary Seeding Notes

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

Seedbed Preparation - Loosen upper 3 inches of soil by raking, disking, or other acceptable means before seeding, if not previously loosened.

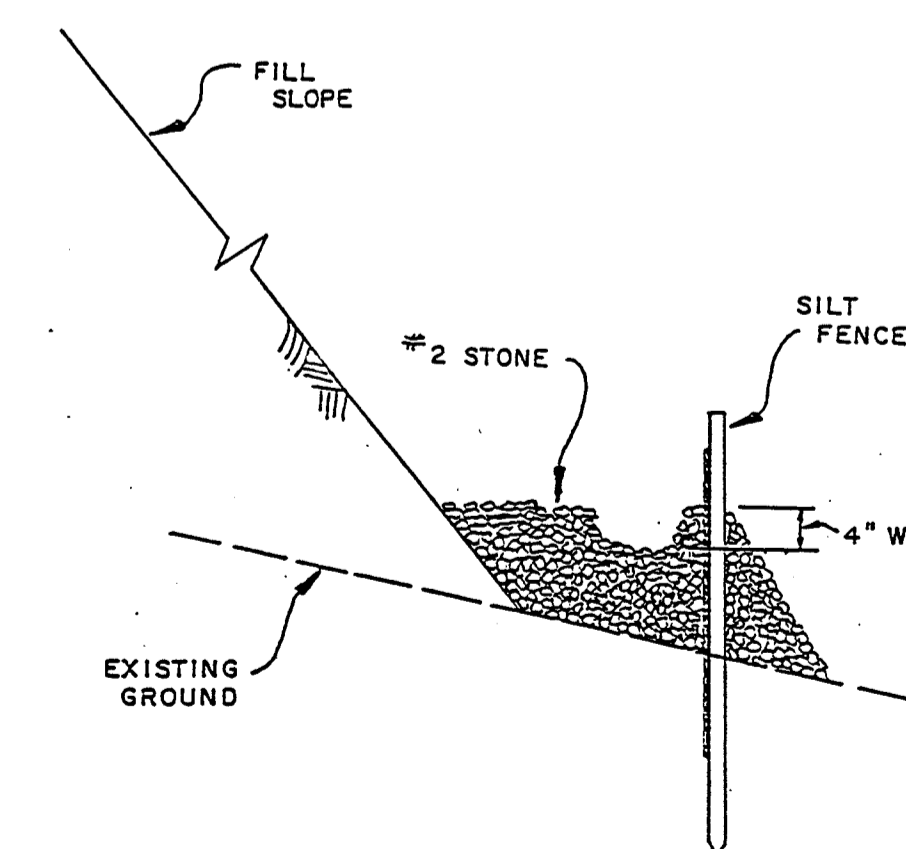
Seeding - For the periods March 1 through April 30, and August 1 through October 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs./1,000 sq. ft.). For the period May 1 through August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1,000 sq. ft.). For the period November 16 through 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./1,000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after applications using mulch anchoring tool or 218 gallons per acre (5 gal./1,000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1,000 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.

5 SEEDING NOTES

STD. SILT FENCE	SUPER SILT FENCE
# 2 STONE	# 2 STONE
12" HIGH	24" HIGH
24" WIDE	36" WIDE
50'-100' O.C.	50'-100' O.C.
OR 4" MIN. VERTICAL CHANGE IN ELEV.	



SECTION VIEW
LIMITED USE WHERE SILT FENCE DOESN'T FOLLOW CONTOURS

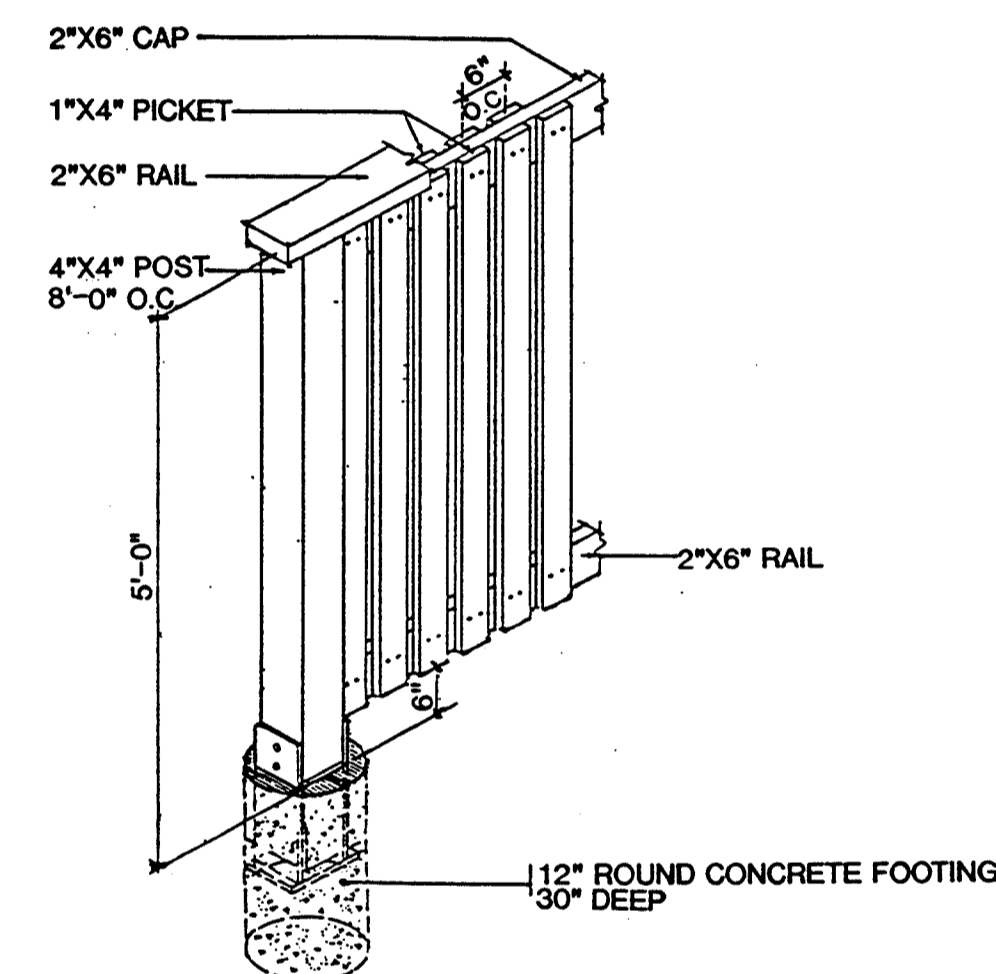
6 #2 STONE CHECK DAM

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (892-2437).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:
 - SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 5:1.
 - FOURTEEN 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, SECTION 511.500 (SECTION 511.500 TEMPORARY SEEDING, SECTION 501 AND MULCHING SECTION 501). 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	14.19	ACRES
AREA DISTURBED	1.295	ACRES
AREA TO BE ROOFED OR PAVED	1.067	ACRES
AREA TO BE VEGETATIVELY STABILIZED	2.956	ACRES
TOTAL FILL	2,410	CUBIC YARDS
OFF-SITE WASTE/BORROW AREA LOCATION	N/A	
- 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 CONTROLS MUST BE PROVIDED IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW 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 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.

HOWARD COUNTY SEDIMENT CONTROL GENERAL NOTES

7



8 SCREEN FENCE DETAIL

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF DEVELOPMENT ENGINEERING DIVISION *[Signature]* 2/21/97 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT *[Signature]* 2/25/97 DATE

DIRECTOR *[Signature]* 2/26/97 DATE

Date	No.	Revision Description

VILLAGE OF LONGREACH
SECTION 4 AREA 2
LOTS A1-A61

OWNER/DEVELOPER
ENTERPRISE HOUSING CORPORATION OF MARYLAND, INC.
10227 WINCOPEN CIRCLE SUITE 810
COLUMBIA, MD 21044

DMW
Duff-McCune-Walker, Inc.
300 East Pennsylvania Avenue
Poolesville, Maryland 21086
(410) 896-3333
Fax 296-4705

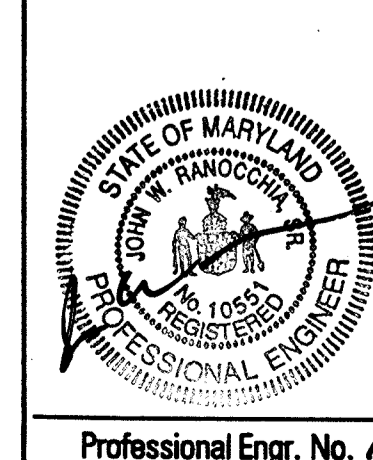
A Team of Land Planners,
Landscape Architects,
Engineers, Surveyors &
Environmental Professionals

SECTION	NO.	DATE	BY	REVISION
LONGREACH	12524	7	NT	
SECTION	SEC 4 AREA 2			
LOT	6			
DATE	2/22/00			
BY	EOT			

SEDIMENT AND EROSION CONTROL DETAILS/DETAILS

Des By	CFW	Scale	Proj. No.	94004
Drn By	MEP	Date	10-25-96	
Chk By	JWYE	Approved		5 OF 5

12-19-96
Date



APPROVED
DATE 24 April 1996