

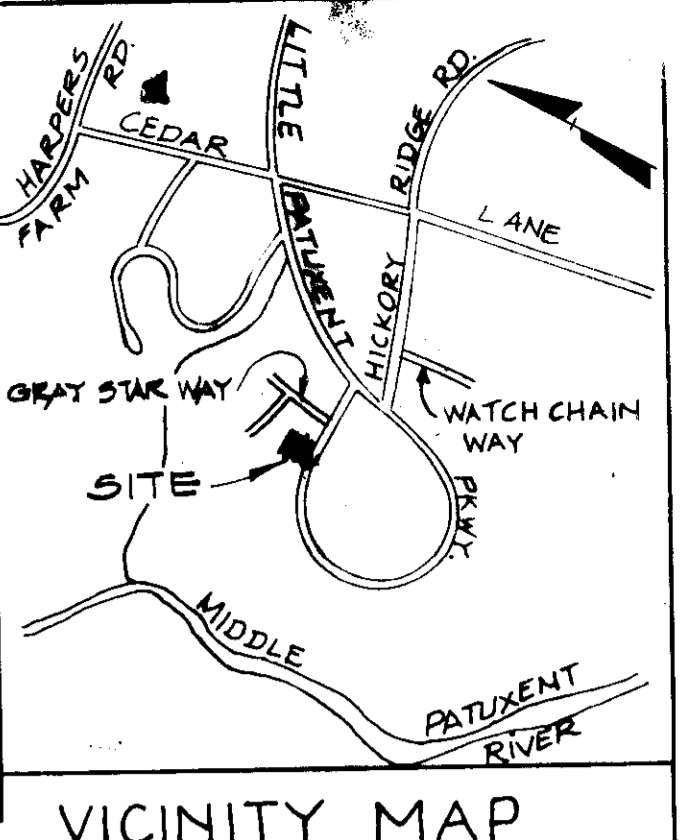
TYPICAL DWELLING ELEVATIONS
No Scale

APPROVED
DIVISION OF PLANNING AND ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-11-86
[Signature]

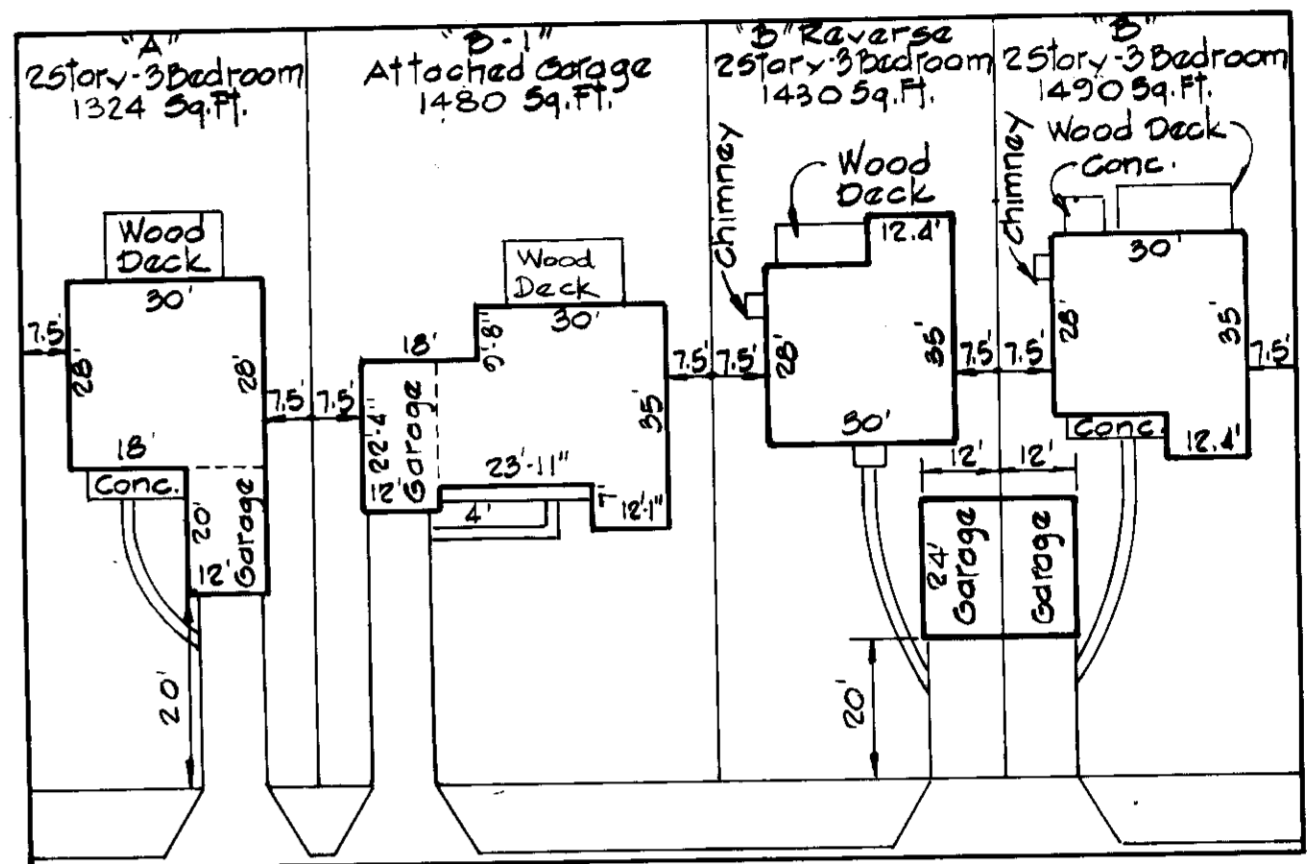
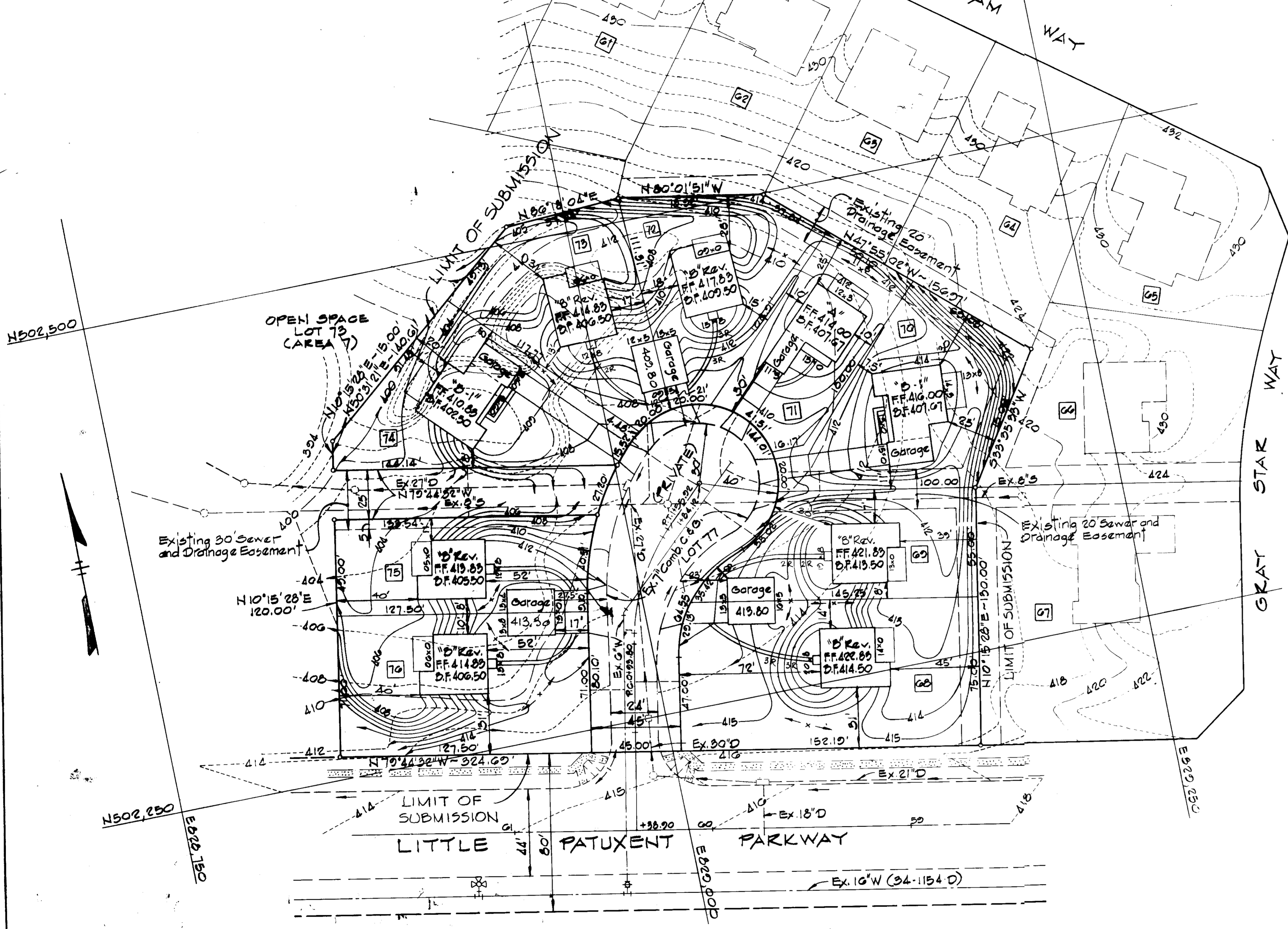
Lot No.	Lot Area-S.F.	House Area-S.F.	% Lot Coverage
68	11,351	1430	12.6
69	9,581	1430	14.9
70	8,115	1480	18.2
71	5,200	1430	27.0
72	7,049	1430	20.2
73	7,512	1324	18.1
74	7,724	1480	19.2
75	9,927	1430	22.6
76	9,952	1430	15.8

* Includes Garages. See Architectural Plans for details.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
DATE 4-24-86
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING
DATE 4-24-86
APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 4-24-86
DIRECTOR
CHIEF, BUREAU OF ENGINEERING



VICINITY MAP
Scale: 1" = 2,000'

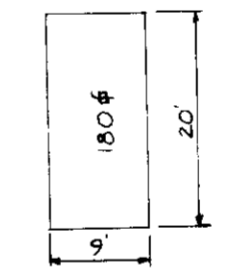


PUBLIC STREET TYPICAL PLOT PLANS
Scale: 1" = 30'

STREET ADDRESS	LOT
12135 Little Patuxent Pkwy	68
12131 " " "	69
12127 " " "	70
12123 " " "	71
12119 " " "	72
12115 " " "	73
12111 " " "	74
12105 " " "	75
12101 " " "	76

OFF-STREET PARKING SPACES

Required = 9 Dwellings @ 2 Spaces/Dwelling = 18
Proposed = 18 Spaces - 9 in Garages
- 9 in Driveways



TYPICAL PARKING SPACE
No Scale

GENERAL NOTES

1. Topography taken from aerial topo prepared by Maps Incorporated and verified by field-run survey.
2. Recording reference for lots 68 thru 77 is Plat # 0241
3. Water and sewer facilities are to be provided. (Publicly Owned).
4. Minimum setback from the public street shall be 30' unless otherwise approved by the Howard County Planning Board.
5. Storm water management has been provided for these lots. See Road Construction Drawings F-83-120

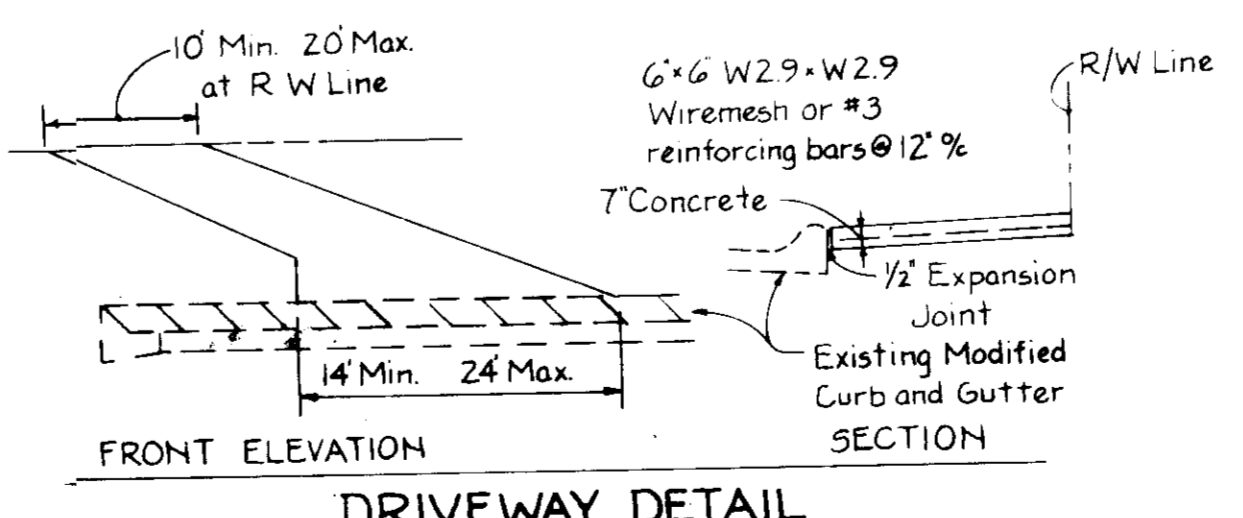
SITE ANALYSIS

Existing Zoning - New Town (Single Family Medium Density)
Final Development Plan Phase 101 Part III: Plots 305A-095 thru 705
Number of Lots = 10 (including 1 Common Open Area Lot)
Total Area = 1,821 Ac. Density = 2/1.821 = 4.94 Dwellings Per Acre
No. of Units = 9

SUBDIVISION NAME	SEC	AREA	LOT#S
VILLAGE OF HICKORY RIDGE	3	9	68 thru 77
PLAT # BLOCK # ZONE TAX ZONE MAP/ELEC. DIST. CENSUS TR.	0241 4 1475/RMD 35	1 5th	6053, 01
WATER CODE	1-15	SEWER CODE	5585 300

LEGEND

- 340 - Proposed Contour (1' Interval)
- - - 340 - Existing Contour (2' Interval)
- (A) or (B) Building Type
- [78] Lot Number
- R.W. Retaining Wall
- H.R. Handicap Ramp
- [] Concrete Walk
- [] Fire Hydrant
- [] Light Fixture
- [] Trees to Remain
- [] Modified Curb and Gutter (Existing)



DRIVEWAY DETAIL
No Scale

Note:
Public water and sewer mains were constructed under Contract 04-1910-D
Private Driveway was constructed from Road Construction Drawings F-85-06

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 ST. PAUL STREET
BALTIMORE, MARYLAND 21216
[Signature]
KENNETH A. McCORD P.E. NO. 1974

MARK BUILDING COMMUNITIES, INC.
OWNER AND DEVELOPER
P.O. BOX 1272
COLUMBIA, MARYLAND 21044

NO.	DATE	DESCRIPTION OF REVISION
1	4/15/86	As per Planning, DPW & SCS Comments

COLUMBIA SITE PLANS for VILLAGE OF HICKORY RIDGE SECTION 3 AREA 3 LOTS 68 THRU 77 GRADING PLAN SHEET 1 OF 2 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND
DATE: 3-14-86 SCALE: 1" = 30'

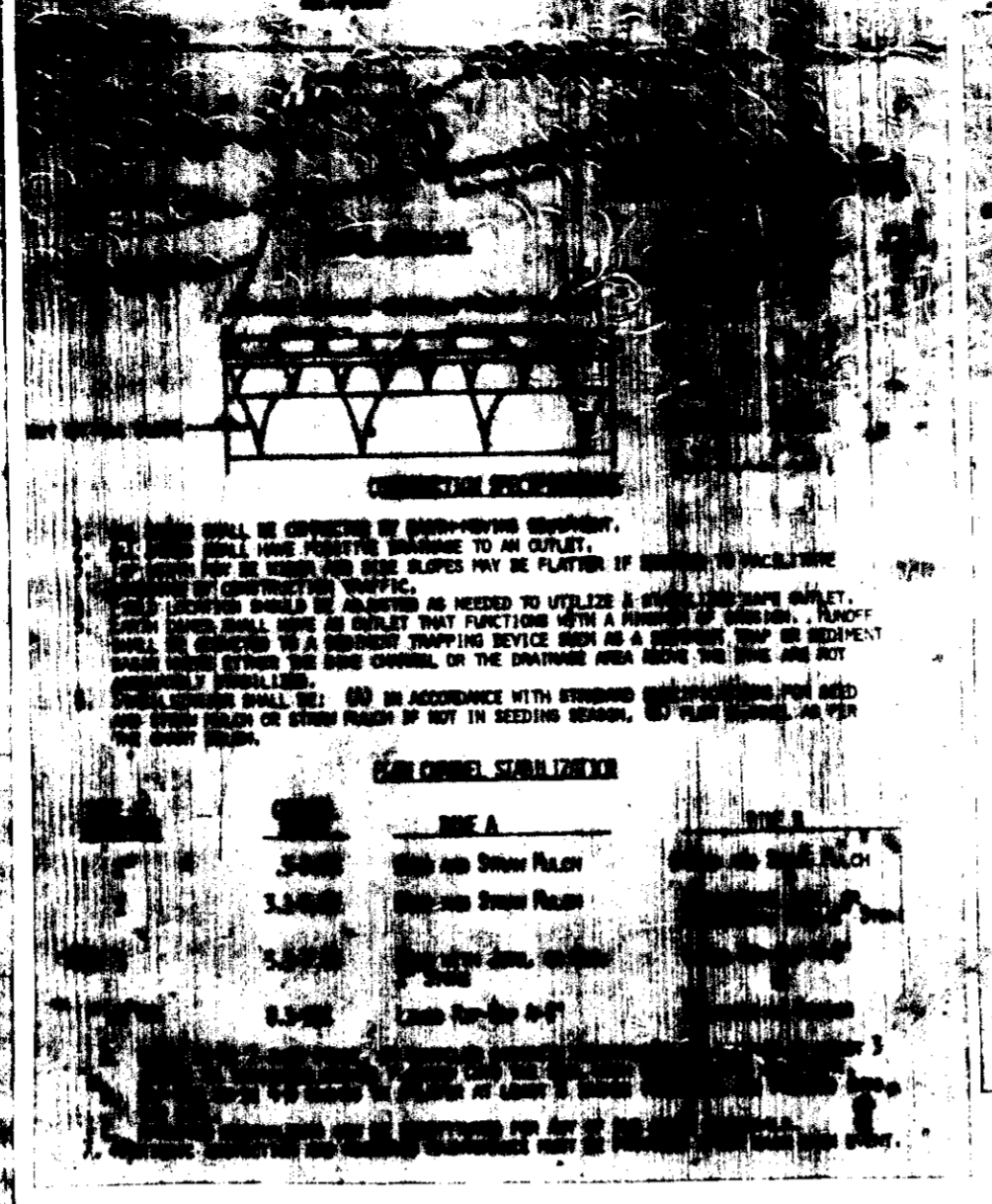
- SEMI-ANNUAL CONTROL PLAN**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
 - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - Following initial soil disturbance or redistribution, 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.
 - All sediment trapping 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 seedings (Sec. 3) and (Sec. 54), temporary seedings (Sec. 30) and mulching (Sec. 22). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
 - All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
 - Site Analysis:
 - Total Area of Site: 1.8 Acres
 - Area Disturbed: 1.2 Acres
 - Area to be roofed or paved: 0.2 Acres
 - Area to be vegetatively stabilized: 1.2 Acres
 - Total Cut: 0.0 Cu. yds
 - Total Fill: 0.0 Cu. yds
 - Off-site waste/borrow area location: _____
 - 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 DPM sediment control inspector.
 - On all sites with disturbed areas in excess of 2 acres, approval of the land use agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approval shall be authorized until this initial approval by the inspection agency is made.

TEMPORARY SEEDING NOTES

Apply 2 tons per acre (2000 lbs) of seed (100% pure) and 100 lbs per acre (1000 lbs) of fertilizer (10-10-10) to the seed. Broadcast the seed and fertilizer evenly over the area to be seeded. Rake the seed and fertilizer into the soil to a depth of 1/2 inch. Water the area immediately after seeding. Mow the grass when it reaches a height of 3 inches. Do not mow shorter than 2 inches. Do not use herbicides on the seeded area. Inspect all seeded areas and make needed repairs, repackings and reseedings.

PERMANENT SEEDING NOTES

Apply 2 tons per acre (2000 lbs) of seed (100% pure) and 100 lbs per acre (1000 lbs) of fertilizer (10-10-10) to the seed. Broadcast the seed and fertilizer evenly over the area to be seeded. Rake the seed and fertilizer into the soil to a depth of 1/2 inch. Water the area immediately after seeding. Mow the grass when it reaches a height of 3 inches. Do not mow shorter than 2 inches. Do not use herbicides on the seeded area. Inspect all seeded areas and make needed repairs, repackings and reseedings.



SEQUENCE OF CONSTRUCTION

1. Obtain Grading Permit.
2. Clear and grub areas for sediment control facilities only. (1 Day)
3. Construct stabilized construction entrances, sediment traps No. 1 and 2, earth dikes and silt fence. (3 Days)
4. Grade lots (1 Week)
5. Construct dwellings and appurtenances and seed yards (2 Months)
6. Remove all sediment control facilities after grass is established on all lots.

SEDIMENT TRAP #1 DESIGN DATA

DRAINAGE AREA: 0.5 ACRES
 VOLUME REQUIRED: 0.57 FT³ = 39.5 CY.
 VOLUME AVAILABLE: 35 CY.
 TOP DECK ELEV. 400.0
 TOP STONE WEIR ELEV. 399.0
 DESIGN CAPACITY ELEV. 398.0
 BOTTOM TRAP ELEV. 395.0

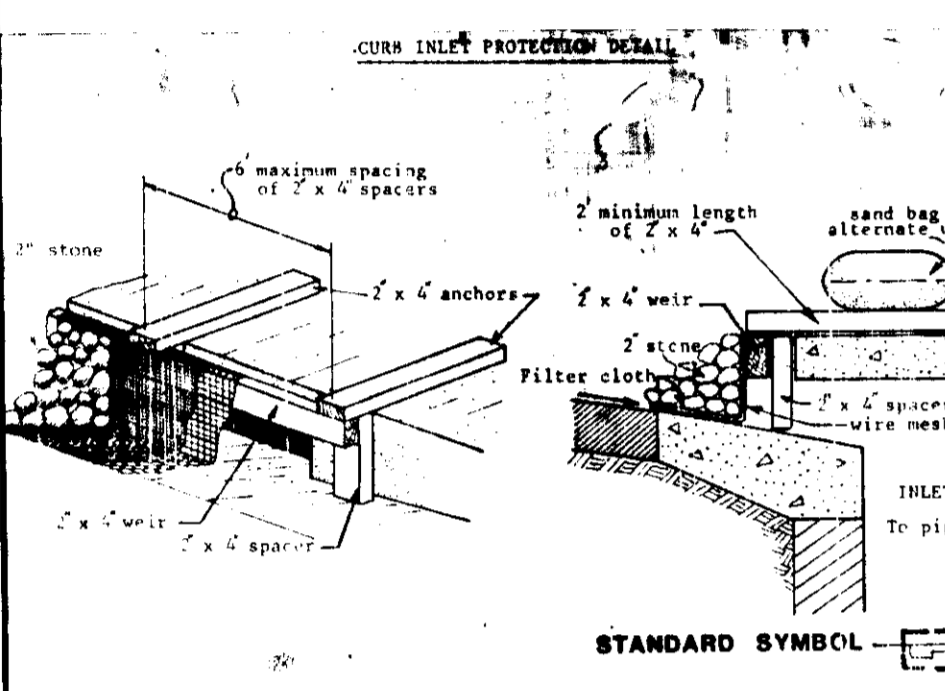
SEDIMENT TRAP #2 DESIGN DATA

DRAINAGE AREA: 0.3 ACRES
 VOLUME REQUIRED: 0.34 FT³ = 20.1 CY.
 VOLUME AVAILABLE: 20 CY.
 TOP DECK ELEV. 404.0
 TOP STONE WEIR ELEV. 403.0
 DESIGN CAPACITY ELEV. 402.0
 BOTTOM TRAP ELEV. 400.0

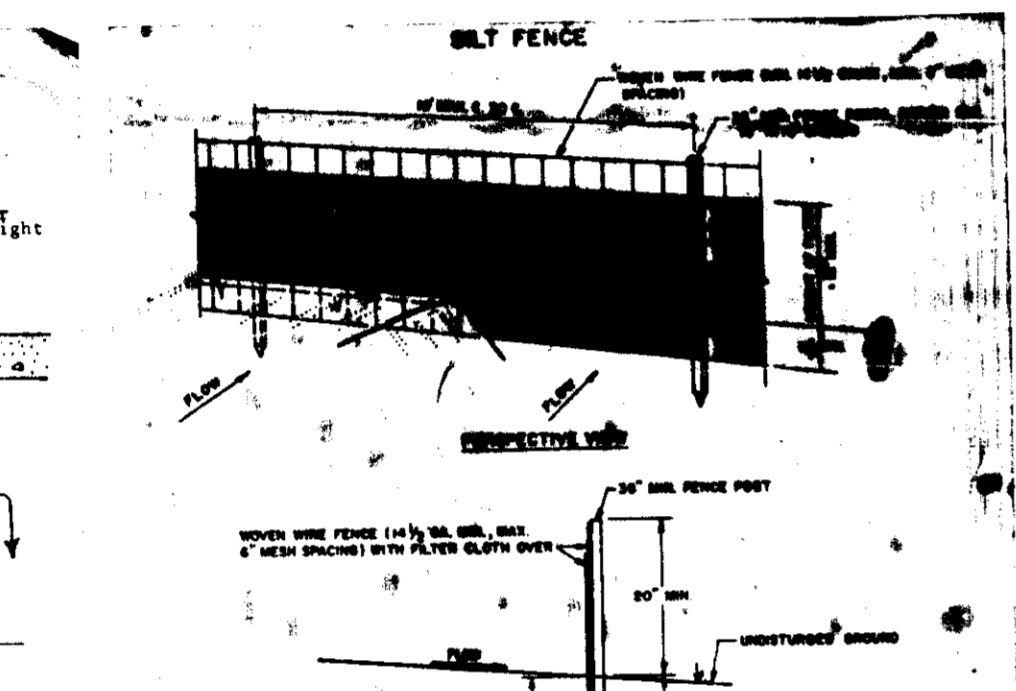


APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 4-11-86

APPROVED FOR PUBLIC WORKS
 DIVISION OF PUBLIC WORKS
 DATE 4-11-86
 APPROVED FOR PUBLIC WORKS
 DIVISION OF PUBLIC WORKS
 DATE 4-11-86



- CURB INLET PROTECTION**
- Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 4") as shown in the standard drawing.
 - Place a piece of approved filter cloth (48-60 mesh) of the same dimensions as the wire mesh and attach to the 2" x 4" weir.
 - Securely nail the 2" x 4" weir to 9" long vertical spacers to be spaced between the weir and inlet trap (max. 6" apart).
 - Place the assembly against the inlet throat and nail (minimum 2" lengths of 2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
 - The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
 - Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place glass 2" stones over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
 - This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
 - Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



- STABILIZED CONSTRUCTION ENTRANCE**
- Stone size - Use 2" stone, or recycled or re-paved concrete equivalent.
 - Length - As required, but not less than 30 feet (except on a single residential lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Two (2) feet minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residential lot.
 - Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mounded berm with 3:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any masonry used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - This 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.
 - Periodic inspection and needed maintenance shall be provided after each rain.

CERTIFICATION BY THE DEVELOPER

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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION SERIES DESIGNING THIS PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

3-14-86
 DATE

INSPECTION 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.

3-14-86
 DATE
 KENNETH A. MCCORD RE.1974

REVIEWED FOR HOWARD S.C.D.

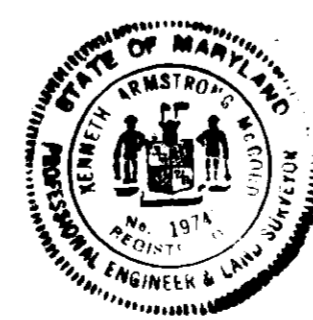
AND MEETS TECHNICAL REQUIREMENTS

4-18-86
 DATE
 U.S. SOIL CONSERVATION DISTRICT

APPROVED FOR DEVELOPMENT PLAN

AND MEETS TECHNICAL REQUIREMENTS

4-18-86
 DATE
 HOWARD S.C.D. DATE



MARK BUILDING COMMUNITIES, INC.
 OWNER AND DEVELOPER
 P.O. BOX 1272
 COLUMBIA, MARYLAND 21044

WHITMAN, REQUARDT AND ASSOCIATES
 ENGINEERS
 2815 ST. PAUL STREET
 BALTIMORE, MARYLAND 21218

COLUMBIA
 SITE PLANS
 FOR
 VILLAGE OF HICKORY RIDGE
 SECTION 3, AREA 2
 LOTS 68 THRU 77
 SEDIMENT CONTROL PLAN
 SHEET 2 OF 2
 ELECTION DISTRICT NO. 5
 HOWARD COUNTY, MARYLAND
 DATE: 3-14-86

NOTE:
 EXISTING INLET I-77 SHALL
 HAVE INLET PROTECTION,
 SEE DETAIL THIS SHEET.

SEDIMENT CONTROL PLAN

Scale: 1" = 50'