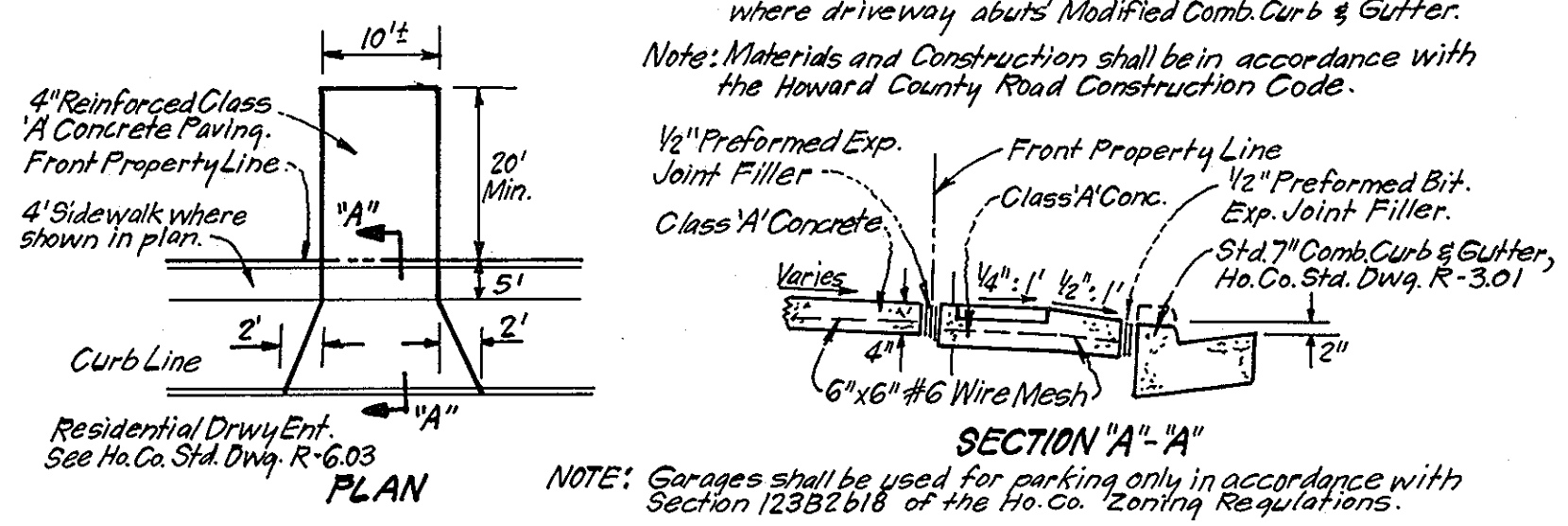
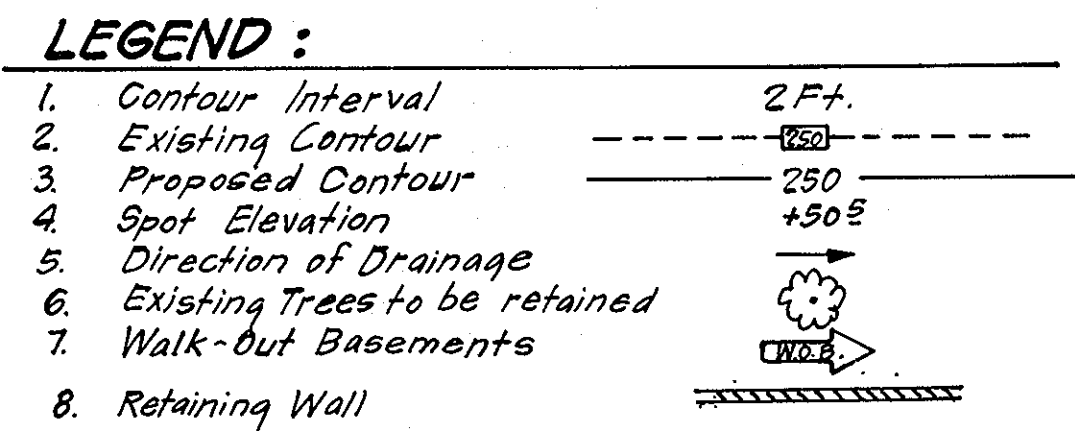


**TYPICAL HOUSES**  
SCALE: NONE

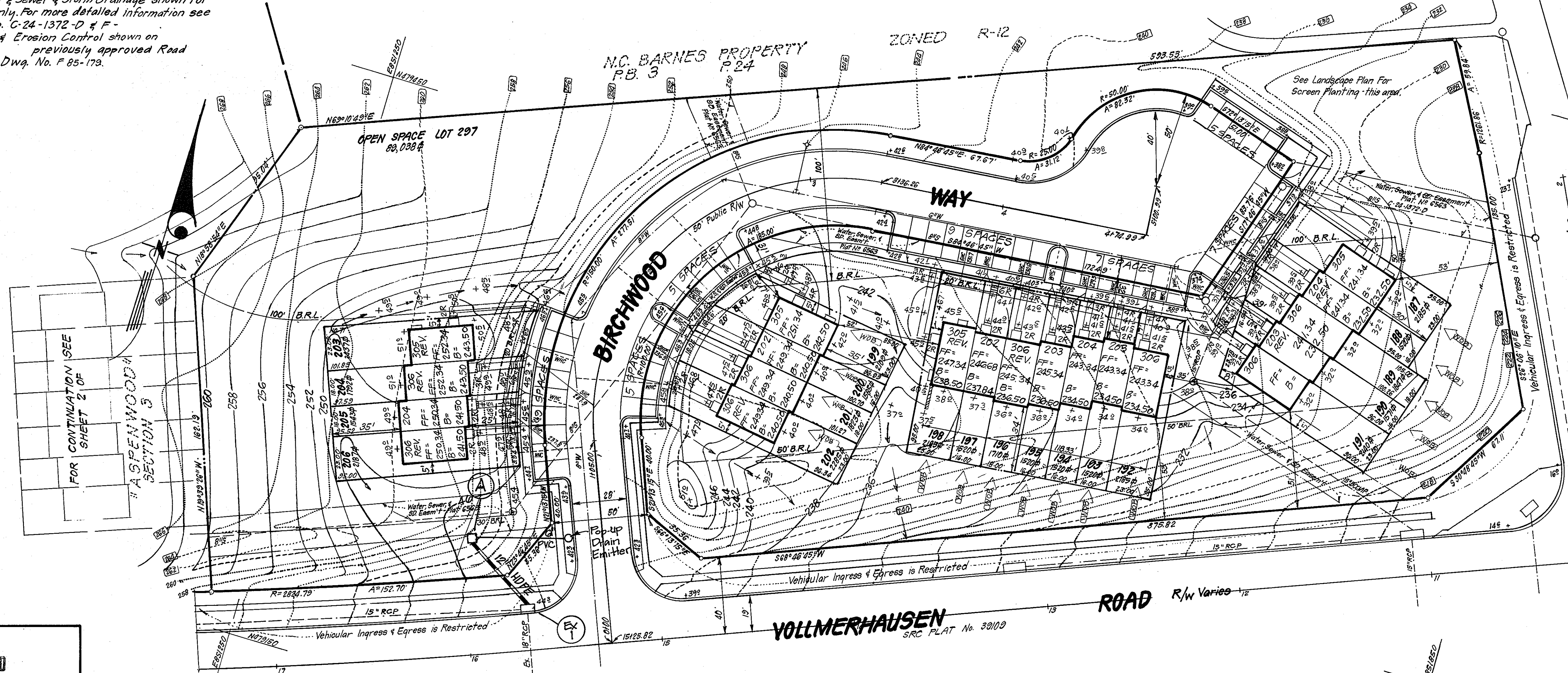


**SECTION "A"-"A"**  
**DRIVEWAY ABUTTING STANDARD COMBINATION CURB & GUTTER**  
NO SCALE



- GENERAL NOTES :**
- The Land included is zoned : RSA - 8.
  - All materials and construction to be in accordance with Ho. Co. Road Construction Plans.
  - All parking to be privately owned and maintained.
  - All coordinates based on the Maryland State Grid System.
  - The area covered is located on Tax Map #47, P's 37 & 39.
  - The total area of this plan is 14.669 Acres.
  - Any damage to county owned rights of way shall be corrected at the developer's expense.
  - Number of Units shown : 99
  - Number of Parking Spaces Required : 138 Provided : 205
  - Maximum Building Coverage : 40% . Min Lot sizes are :  
Unit 202 = 563.28 = 1333 sq ft  
Unit 305 = 635.94 = 1590 sq ft  
Unit 203 = 565.28 = 1413 sq ft  
Unit 306 = 635.94 = 1590 sq ft  
Unit 204 = 597.28 = 1493 sq ft  
Unit 310 = 635.94 = 1590 sq ft

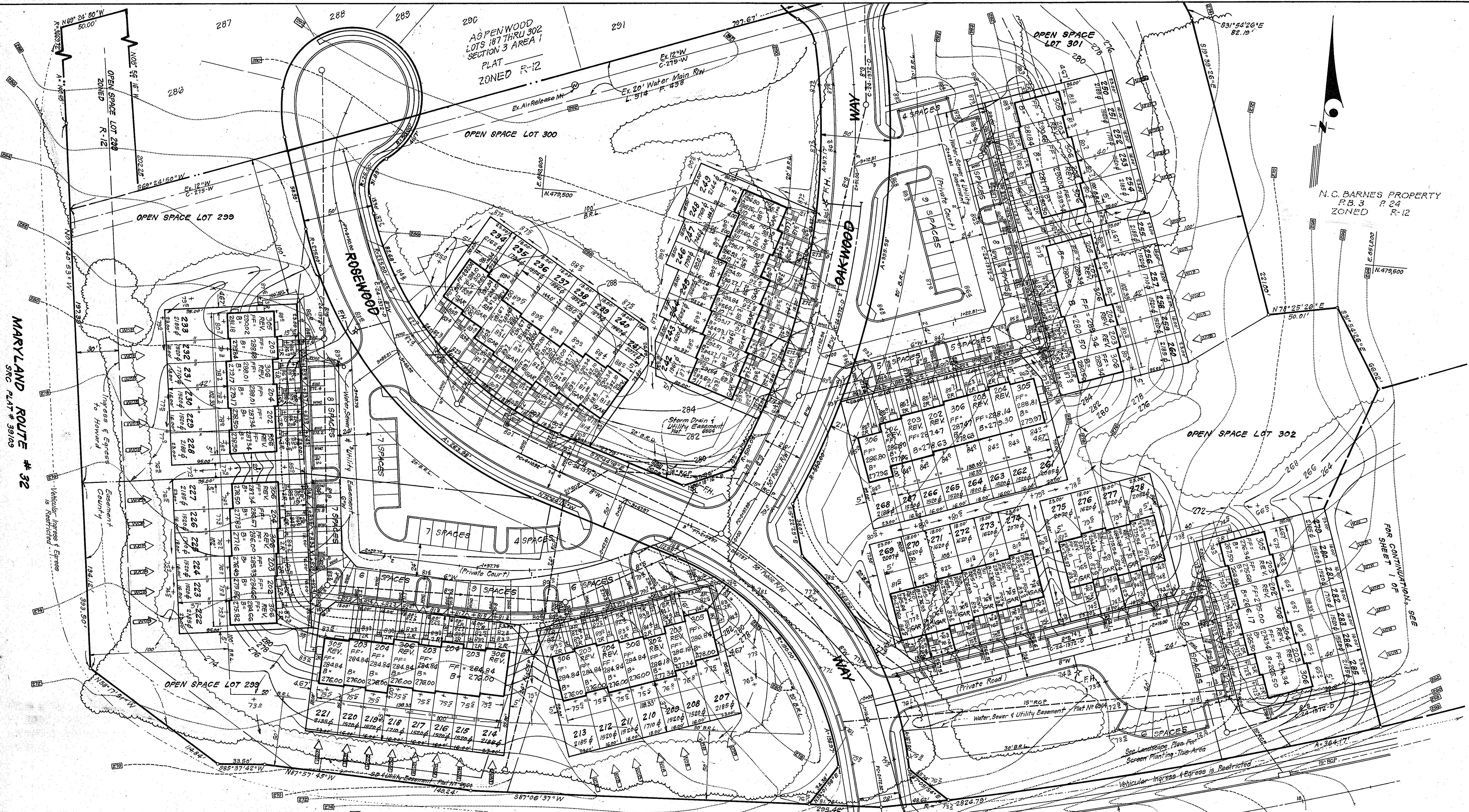
- NOTES :**
- The contractor or developer shall contact the Construction/Inspection Survey Division 24 hours in advance of commencement of work at 792-7272.
  - Public Water & Sewer & Storm Drainage shown for Reference only. For more detailed information see Contract No. C-24-1372-D & F.
  - Erosion & Sediment Control shown on plan from previously approved Road Constr. Plan Dwg. No. F-85-179.



**ADDRESS CHART**

LOT	STREET ADDRESS
187	8834 Birchwood Way
188	8832 "
189	8830 "
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191	8826 "
192	8824 "
193	8822 "
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206	8796 Birchwood Way
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APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 2-3-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 2-4-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 1-29-86

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 1-13-86

**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: BAF  
 DRAWN: VLM  
 LAI

CHECKED: BAF  
 DATE: Sept, 1985

**SITE DEVELOPMENT PLAN**  
 LOTS 187 THRU 285  
**ASPENWOOD**  
 SECTION 3 AREA 1

6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: CAPITAL HOMES, INC.  
 8500 Rock Spring Drive  
 Bethesda, Maryland 20034

SCALE: 1"=30'  
 DRAWING: 2 OF 7  
 JOB NO.: 85-024  
 FILE NO.: 85-024-X

SDP-86-95

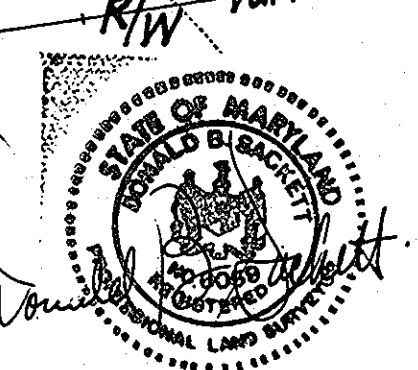
SUBDIVISION NAME	ASPENWOOD	SECT./AREA	3/1	LOT/PARCEL #	LOTS 187-285
PLAT# OR L/P	BLACK#	ZONE	TRAY ZONE	MP	ELEC. DIST.
5563-86-1-86-8	510	R-12	47	07H	0004
WATER CODE	B03	SEWER CODE	4340000		

N.C. BARNES PROPERTY  
 P.B. 3 P. 24  
 ZONED R-12

MARYLAND ROUTE # 32  
 SRC PLAT # 39109

SRC PLAT # 39109

VOLLMERHAUSEN





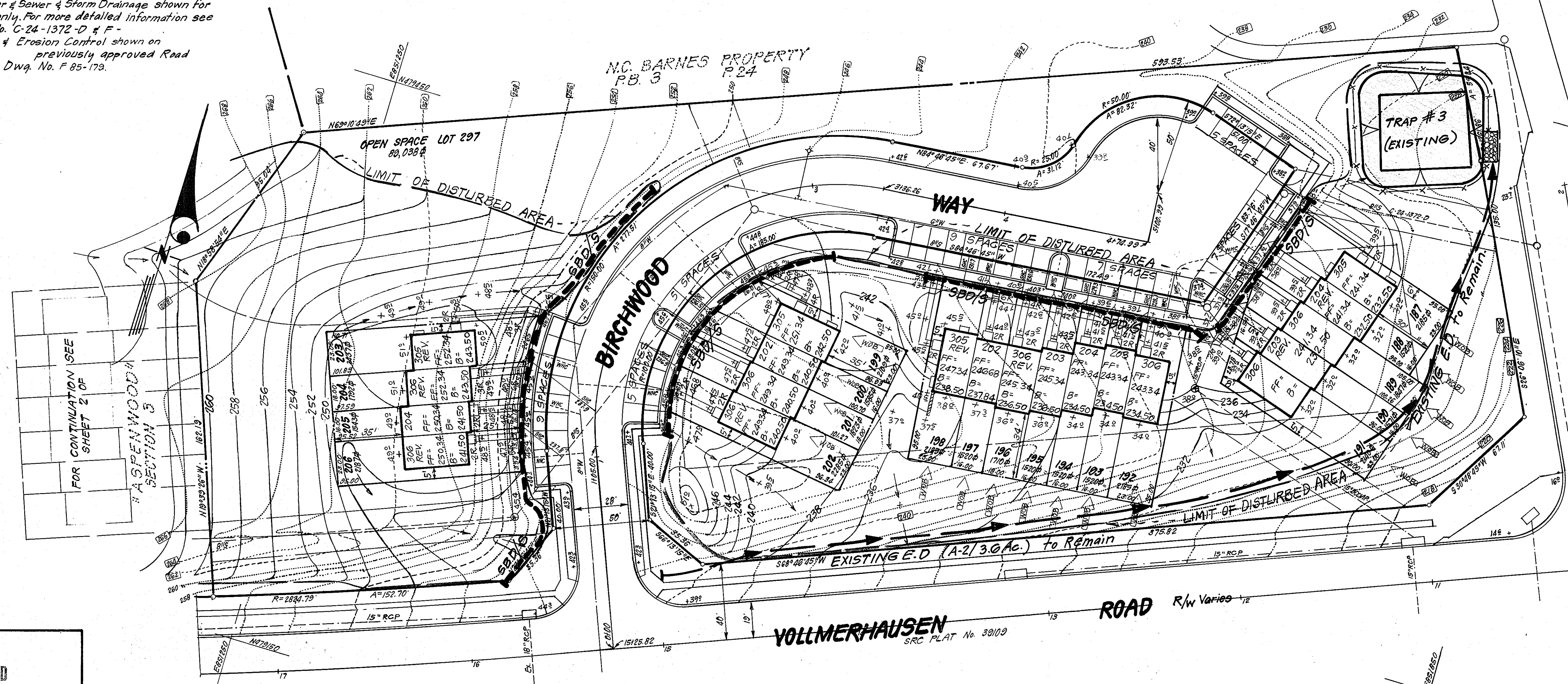
TRAP #	TYPE OF TRAP	D.A. (Ac.)	Storage Required	Storage Provided	Depth	Top of Stone Crest Elev.	Bottom Elev.	Clean-Out Elev.	Bottom Dimensions	REMARKS
1	ROST ST II	6.0	10,800 of	10,800 of	4'	270.0	265.0	267.0	96'x23'	Existing a=1.5 b=14
2	ROST ST II	4.8	8,640 of	9,264 of	3'	269.0	265.0	266.50	72'x33'	Existing
3	ROST ST I	3.6	6,480 of	6,600 of	3'	226.5	222.5	224.0	47'x41'	Existing

**LEGEND:**

1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Existing Trees to be retained
7. Walk-Out Basement
8. Retaining Wall
9. Straw Bale Dike or Silt Fence
10. Earth Dike
11. Existing Earth Dike
12. Existing Sediment Traps

**NOTES:**

1. The contractor or developer shall contact the Construction/Inspection Survey Division 24 hours in advance of commencement of work at 792-7272.
2. Public Water & Sewer & Storm Drainage shown for Reference only. For more detailed information see Contract No. C-24-1372-D & F.
3. Ex. Sediment & Erosion Control shown on plan from previously approved Road Constr. Plan Dwg. No. P 85-179.



EXIST. MD RTE. 32

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-13-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER DATE 2-3-86  
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR DATE 2-4-86  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE 2-7-86  
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DIRECTOR DATE 1-29-86  
CHIEF BUREAU OF ENGINEERING DATE 1-29-86

Reviewed for... Howard... S.C.D.  
Name  
and meets Technical Requirements  
Signature Date 1-27-86  
U.S. Soil Conservation Service

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

Stephen L. Kulin 1/27/86  
Approved 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 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."  
Signature of Developer/Builder Date 10-22-85  
Brook R. Palmer

ENGINEER'S CERTIFICATE  
I Herby 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 Date 10-21-85  
G. Nelson

**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED GLB	BEDIMENT AND EROSION CONTROL PLAN LOTS 187 THRU 285. <b>ASPEN WOOD</b> SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20834	SCALE 1"=30'
DRAWN VLM		DRAWING 30F 7
CHECKED GLB		JOB NO. 85-024
DATE Oct, 1985		FILE NO. 85-024-9E

**SDP-86-95**





Reviewed for Howard S.C.D.  
 Name  
 and meets Technical Requirements  
 Signature [Signature] Date 11-27-86  
 U.S. Soil Conservation Service  
 THIS DEVELOPMENT PLAN IS APPROVED  
 FOR SOIL EROSION AND SEDIMENT  
 CONTROL BY THE HOWARD SOIL  
 CONSERVATION DISTRICT.  
Stephen L. Hahn 11/27/86  
 Approved Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
[Signature] 2-3-86  
 COUNTY HEALTH OFFICER DATE  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
[Signature] 2-4-86  
 PLANNING DIRECTOR DATE  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
[Signature] 1-29-86  
 DIRECTOR DATE  
 APPROVED: [Signature] 1-13-86  
 CHIEF BUREAU OF ENGINEERING DATE

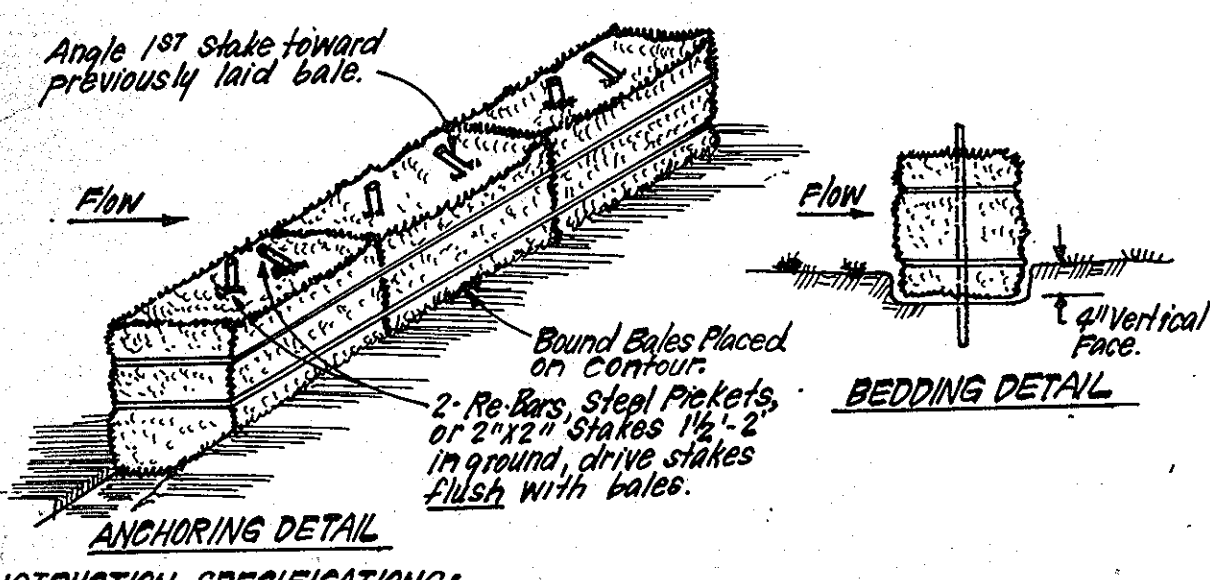
APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 1-13-86  
[Signature]

DEVELOPER'S/BUILDER'S CERTIFICATE PLAT # 39109  
 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.  
Break R. Palmer 10-22-85  
 Signature of Developer/Builder Date  
 Break R. Palmer

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 Conserva-  
 tion District.  
G. Nelson Clark 10-21-85  
 Signature Date  
 G. Nelson Clark

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	SEDIMENT AND EROSION CONTROL PLAN	SCALE
DRAWN	LOTS 187 THRU 285	1"=30'
CHECKED	<b>ASPENWOOD</b>	DRAWING
ATE	SECTION 3 AREA 1	4 OF 7
	6TH ELECTION DISTRICT	JOB NO.
	HOWARD COUNTY, MARYLAND	85-024
	FOR: CAPITAL HOMES, INC.	FILE NO.
	8500 Rock Spring Drive	85-024SE
	Bethesda, Maryland 20834	
	<b>SDP-86-95</b>	

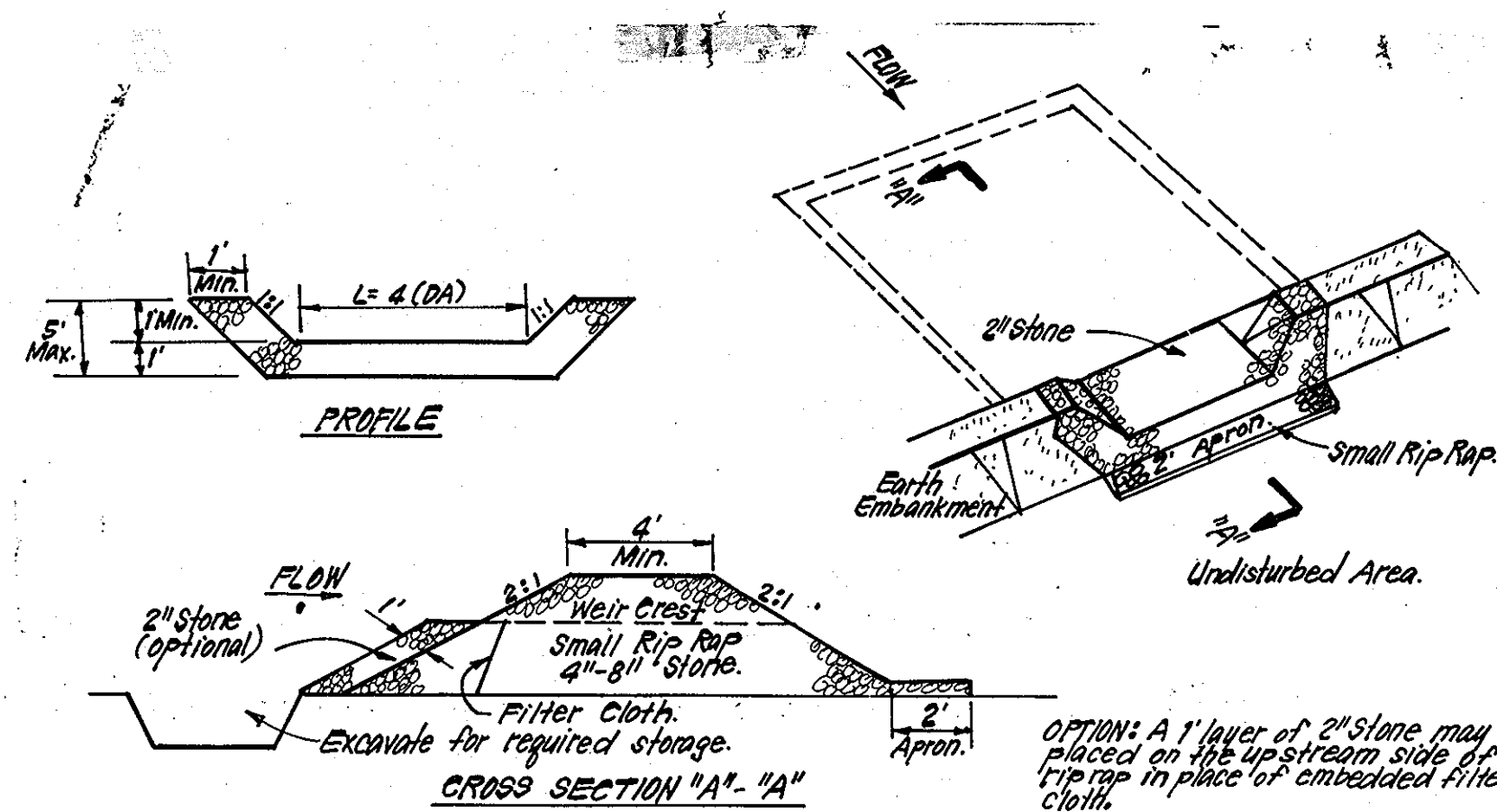




**CONSTRUCTION SPECIFICATIONS:**

- Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
- Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
- Bales shall be securely anchored in place by either 2 stakes or re-bars driven thru the bale. The 1st stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the bales.
- Inspection shall be frequent and repair replacement shall be made promptly as needed.
- Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.

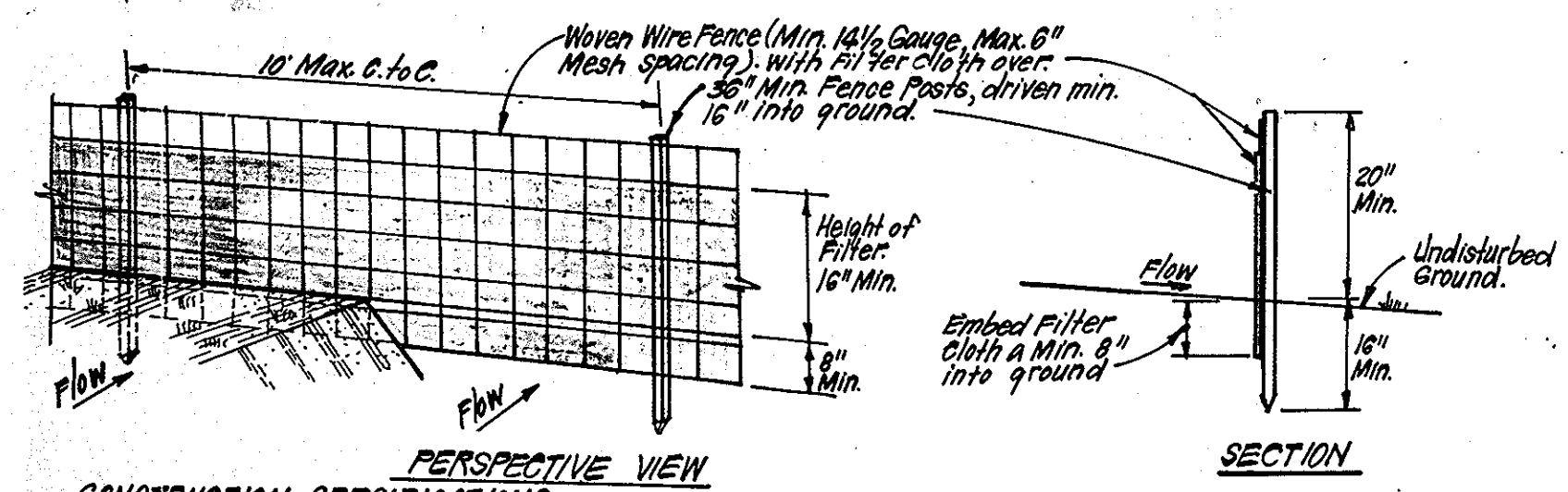
**STRAW BALE DIKE DETAIL (SBD)**  
NO SCALE



**CONSTRUCTION SPECIFICATIONS:**

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by tamping with equipment or while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small rip rap 4"-8" along with 1" thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth in the rip rap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

**STONE OUTLET SEDIMENT TRAP (S.O.S.T.) STV.**  
NO SCALE

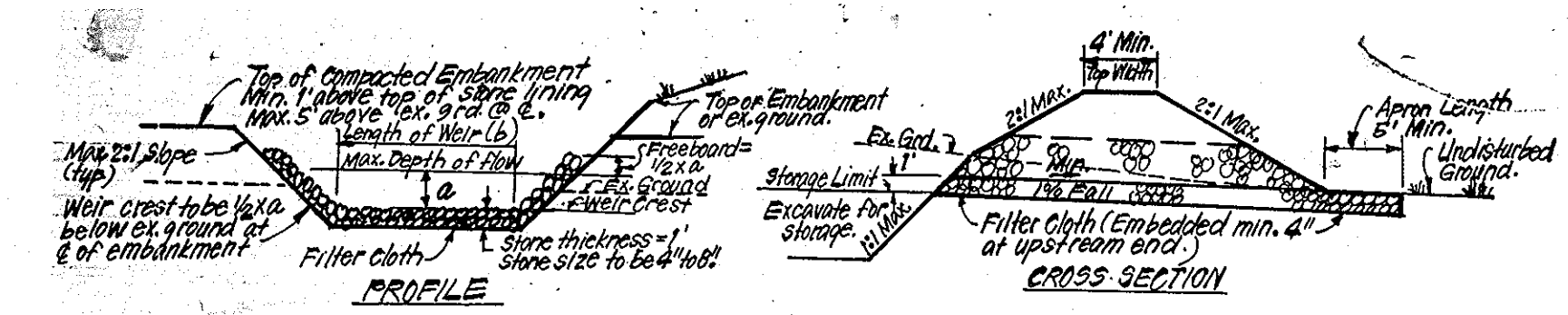


**CONSTRUCTION SPECIFICATIONS:**

- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
- When 2 sections of filter cloth join each other they shall be overlapped 6" and stapled.
- Maintenance shall be performed as needed and material removed when "bulges" develop in silt fence.

POSTS: Steel either T or U type or 1/2" diameter.  
FENCE: Woven Wire, 1/4" Gauge, 6" Max. Mesh Opening.  
FILTER CLOTH: Filter Cloth, Miraflex 100X, Stabilink, T140N or approved.  
PREFABRICATED UNIT: Geo-Fab, Envirofence, or approved equal.

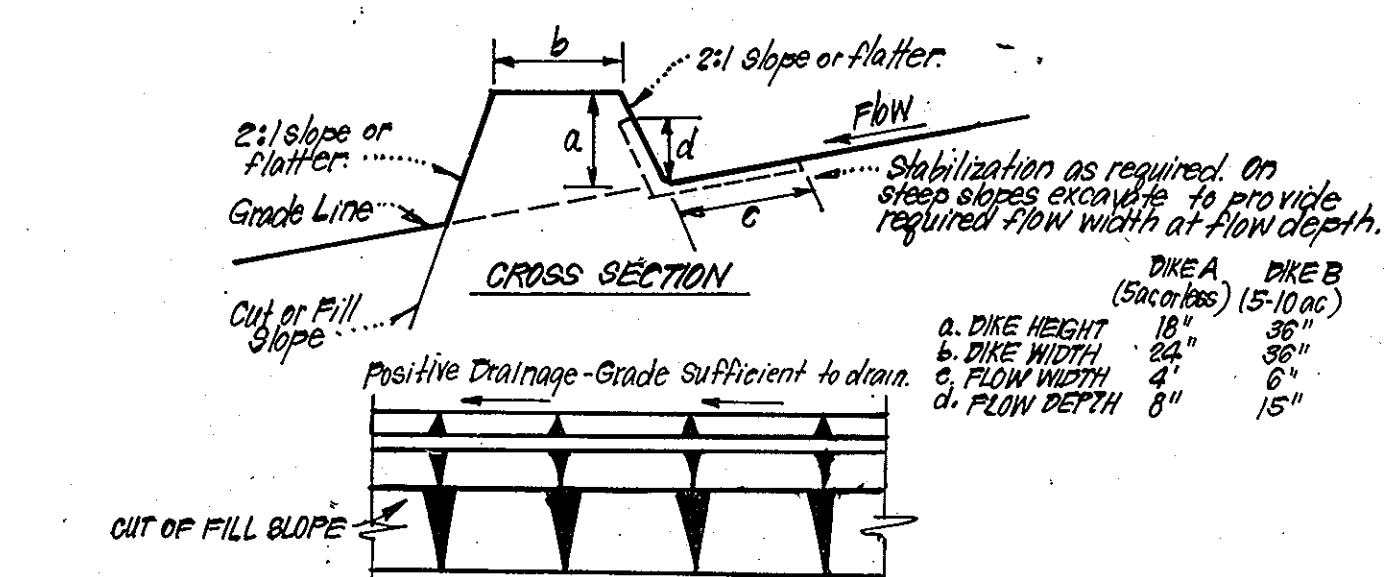
**SILT FENCE DETAIL (S)**  
NO SCALE



**CONSTRUCTION SPECIFICATIONS:**

- The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by tamping with equipment while it is being constructed. Max. height of embankment shall be 5' measured at top of embankment.
- All fill slopes shall be 2:1 or flatter's cut slopes 1:1 or flatter.
- Elevation of the top of any dike directing water into trap must equal or exceed height of embankment.
- Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of 1' below the lower weir crest.
- Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least 1' with section nearest the entrance placed on top. Fabric shall be embedded at least 6" into existing ground to provide a filtering effect. A layer of filter cloth shall be embedded 1' back into the upstream face of the outlet stone or a 1" thick layer of 2" or finer aggregate shall be placed on the upstream face of the outlet.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repaired as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
- Drainage area for this practice is limited to 15 acres or less.

**RIP RAP OUTLET SEDIMENT TRAP - ST-VI**  
NO SCALE



**CONSTRUCTION SPECIFICATIONS:**

- All dikes shall be compacted by earth-moving equipment.
- All dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
- Final location should be adjusted, as needed, to utilize a stabilized safe outlet.
- Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
- Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

TYPE OF TREATMENT	CHANNEL GRADE	FLOW CHANNEL STABILIZATION	
		DIKE A	DIKE B
1	0.5 - 3.0%	Seed & Straw Mulch	Seed or Straw Mulch
2	3.1 - 5.0%	Seed & Straw Mulch	Seed w/White, or Excelsior's Seed, 2" Stone
3	5.1 - 8.0%	Seed w/White, or Seed, 2" Stone	Lined Rip Rap 4"-8" Stone
4	8.1 - 20.0%	Lined Rip Rap 4"-8" Stone	Engineering Design

A. Stone to be 2" Stone, or recycled concrete equivalent, in a layer at least 3" thick and be pressed into soil with construction equipment.  
B. Rip Rap to be 4"-8" in a layer at least 3" thick, pressed into soil.  
C. Approved equivalents can be substituted for any of the above materials.

7. Periodic inspection and Required Maintenance must be provided after each rain.

**EARTH DIKE DETAIL (E.D.)**  
NO SCALE

**SEDIMENT CONTROL NOTES**

- 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 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 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.
- All sediment control structures are to remain in place and are to be maintained in operating condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
 

Total Area of Site	13,578 Acres
Area Disturbed	7,281 Acres
Area to be roofed or paved	1,672 Acres
Area to be vegetatively stabilized	2,609 Acres
Total Cut	28,500 Cu. yds
Total Fill	24,700 Cu. yds
Offsite 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 control must be provided, if deemed necessary by the Howard County DW 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 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.
- If houses are to be constructed on an "As-Built" basis, at random, Single Lot Sediment Control as shown below shall be implemented. N/A
- All pipes to be blocked at the end of each day (see detail below). N/A
- The total amount of straw bale dikes/silt fence equals 2,010 L.F.

**CONSTRUCTION SEQUENCE: Phase I - No. of Days**

1. Obtain grading permit.	2
2. Relocate/adjust earth dikes & install SBD/S as shown on plan.	7
3. Clear, rough grade & temporarily stabilize.	60
4. Construct structures, sidewalks & driveways except for Lots 214-221.	300
5. Final grade & stabilize in accordance with stds. & specs.	30
6. Upon approval of the sediment control inspector, remove sediment & erosion control measures & stabilize.	15

**CONSTRUCTION SEQUENCE: Phase II - No. of Days**

1. Install Phase II SBD/S as shown on plan.	1
2. Construct structures, sidewalks & driveways for Lots 214-221.	35
3. Final grade & stabilize where necessary.	5
4. Upon approval of the sediment control inspector, remove Phase II SBD/S & stabilize.	2

**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.
- Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules.
- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square 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 ureaform fertilizer (9 lbs/1000 sq ft).
  - 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 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (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 (.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 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/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 reseeding.

**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.
- 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 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 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 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED

**DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**

HOWARD COUNTY, MARYLAND

DATE: 1-13-86

Reviewed for... Howard... S.C.D.

and meets Technical Requirements

U.S. Soil Conservation Service

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

**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."

Signature of Developer/Builder: Brook R. Palmer

Date: 10-22-85

**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 of Engineer: G. Nelson

Date: 10-21-85

**CLARK • FINEFROCK & SACKETT**

ENGINEERS • PLANNERS • SURVEYORS

11515 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED: GLB

DRAWN: VLM

CHECKED: GLB

DATE: Oct, 1985

**SEDIMENT AND EROSION CONTROL PLAN**

LOTS 187 THRU 285

**ASPENWOOD**

SECTION 3 AREA 1

6TH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

FOR: CAPITAL HOMES, INC.

6500 Rock Spring Drive

Bethesda, Maryland 20034

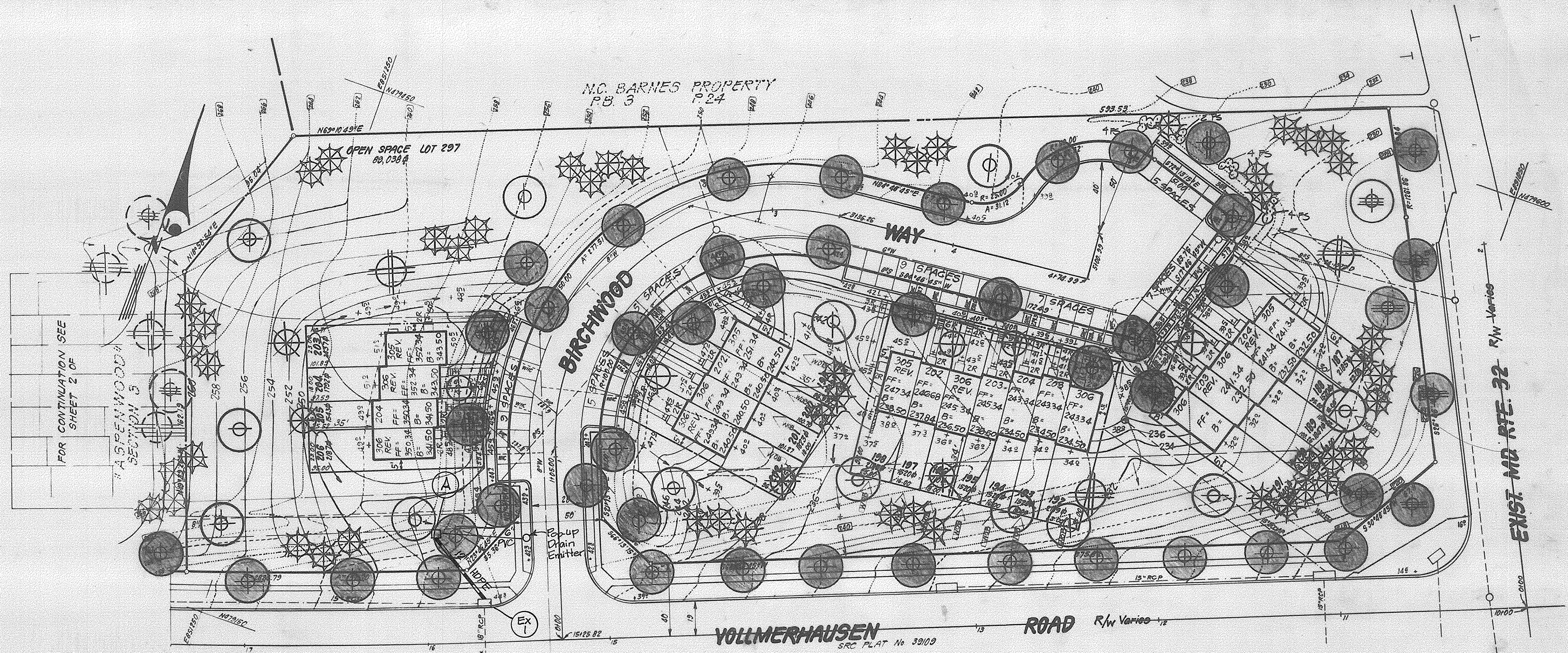
SCALE: 4/5 SHOWN

DRAWING: 5 OF 7

JOB NO.: 85-024

FILE NO.: 85-024SE





STATE OF MARYLAND  
 PROFESSIONAL LANDSCAPE ARCHITECT  
 12.2.85

**PLANT SCHEDULE**

KEY	PLANT NAME	SIZE	QUANT	REMARKS
⊙	QUERCUS PALUSTRIS PIN OAK	2 1/2" GAL min 12-14" HT.	18	B & B HEAVY HEADS
⊙	ACER RUBRUM 'SUNSET' SUNSET MAPLE		61	
⊙	QUERCUS RUBRA NORTHERN RED OAK		20	
⊙	TILIA CORDATA 'GREENSPIRE' GREENSPIRE LINDEN		8	
⊙	QUERCUS PHELLOS WILLOW OAK		2	
⊙	POPSYTHIA INTERMEDIA SPECTABILIS SNOWY BORDER POPSYTHIA	3-4' HT.	28	B & B HEAVY
⊙	ACER RUBRUM 'SUNSET' SUNSET MAPLE	2 1/2" GAL min 12-14" HT.	33	B & B HEAVY HEADS
⊙	QUERCUS PHELLOS WILLOW OAK		5	
⊙	ACER PLATANOIDES NORWAY MAPLE		6	
⊙	QUERCUS RUBRA NORTHERN RED OAK		23	
⊙	FRAXINUS P. LANCEOLATA SEEDLESS GREEN ASH		15	
⊙	MALUS 'RADIANT' RADIANT CRABAPPLE	2-2 1/2" GAL 8-10" HT.	19	
⊙	AMELANCHIER CANADENSIS SERICE BERRY		17	
⊙	PRUNUS SEPP. 'HWANZAN' HWANZAN CHERRY		17	
⊙	CORNUS FLORIDA FLOWERING DOGWOOD		13	
⊙	PRUNUS C. 'THUNDERCLOUD' PURPLELEAF FL. PLUM		9	
⊙	PINUS STROBUS EASTERN WHITE PINE	6-8' HT.	83	B & B HEAVY
⊙	PINUS THUMBERRII JAPANESE BLACK PINE		11	

\* THIS PLAN SUPERSEDES THE PREVIOUS STREET TREE PLAN #85-024 D, DATED AUG. 1985.

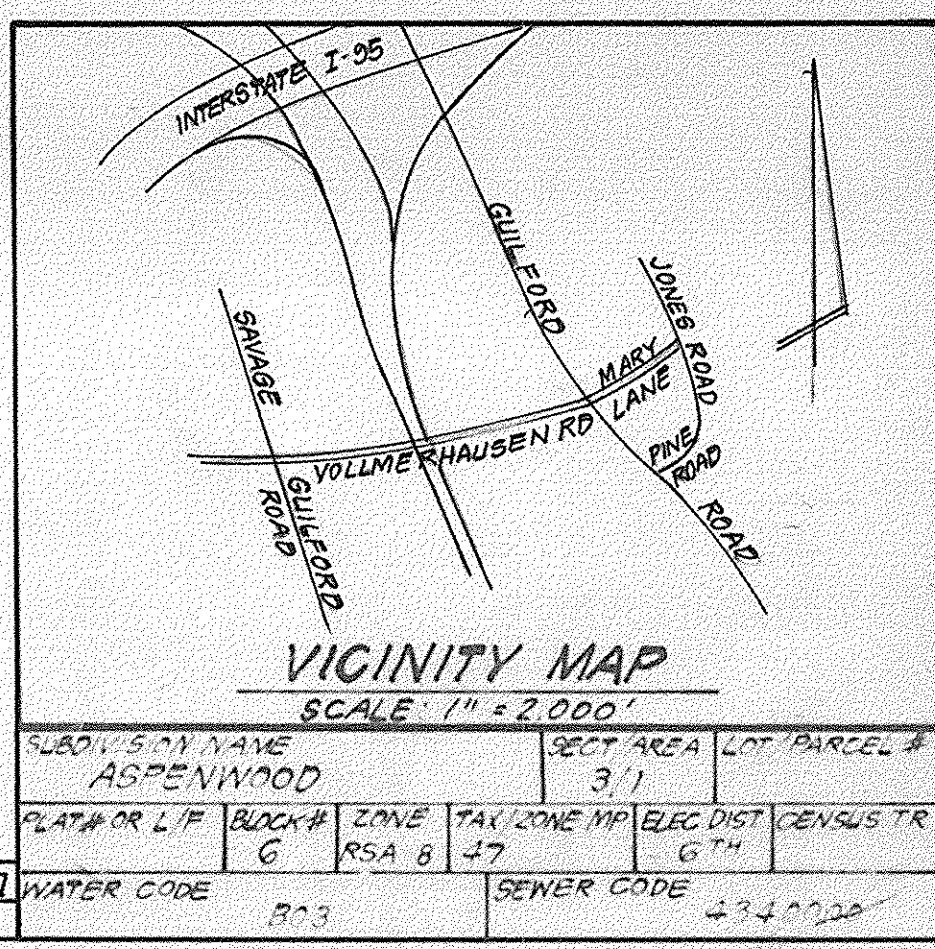
NOTES:  
 - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.  
 - SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT, (593-3900).

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 2-3-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 2-4-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 1-29-86

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 1-16-86  
*[Signature]*



**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS  
 1131 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: HBN  
 DRAWN: HBN  
 CHECKED: WHT  
 DATE: OCT. 85

LANDSCAPE PLANTING PLAN  
 LOTS 187 thru 302  
**ASPENWOOD**  
 SECTION 3 AREA 1  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1"=30'  
 DRAWING: 60x7'  
 JOB NO: 85-024  
 FILE NO: LD 85-024

FOR: CAPITAL HOMES, INC.  
 6800 Rock Spring Drive  
 Bethesda, Maryland 20814

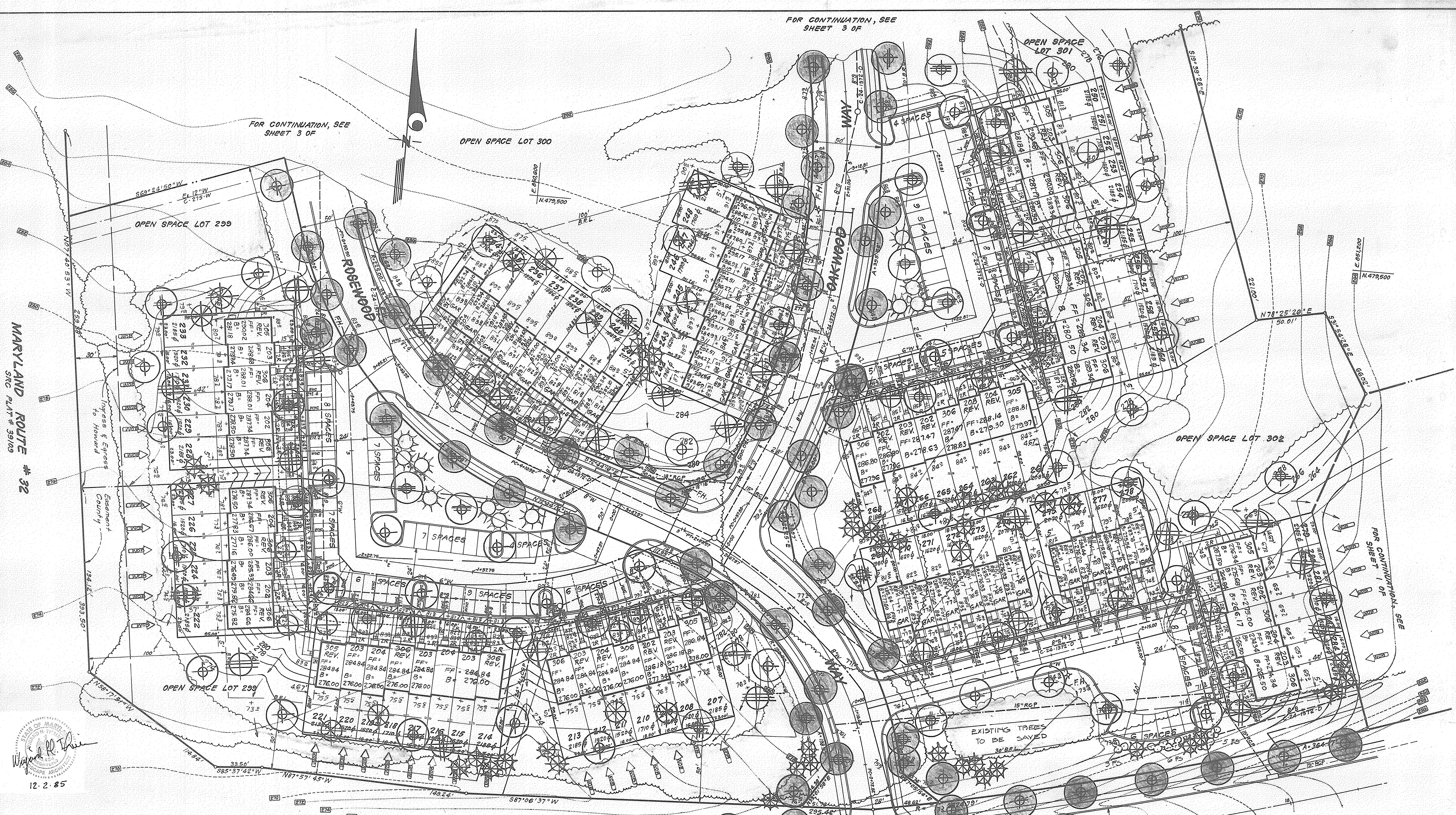
1 Added Str. A & 12" HPPE to Ex. Str. 1  
 Revision: 4-9-87  
 Date: 4-9-87



FOR CONTINUATION, SEE SHEET 3 OF

FOR CONTINUATION, SEE SHEET 3 OF

MARYLAND ROUTE # 32  
SRC PLAT # 39109



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT

*John G. Jones* 2-3-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*Donna Davis* 2-4-86  
PLANNING DIRECTOR DATE

*John W. H. ...* 2-4-86  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*...* 1-28-86  
DIRECTOR DATE

*...* 1-28-86  
CHIEF BUREAU OF ENGINEERING DATE

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 1-16-86

**CLARK · FINEROCK & SACKETT**  
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-2400

DESIGNED MBN	LANDSCAPE PLANTING PLAN LOTS 187 thru 302 <b>ASPENWOOD</b> SECTION 3 AREA 1	SCALE 1"=30'
DRAWN MBN		DRAWING 7 OF 7
CHECKED WHT		JOB NO. 85-024
DATE 10-1985		FILE NO. L-5 85-024

FOR: CAPITAL HOMES, INC.  
8500 Rock Spring Drive  
Bethesda, Maryland 20834

**SDP-86-95**

SUBDIVISION NAME ASPENWOOD	SECT./AREA 3/1	LOT/PARCEL #
PLAT# OR L/F G	ZONE RSA-B	TAX ZONE MP 47
WATER CODE B03	ELEC. DIST. 6TH	CENSUS TR.
	SEWER CODE 4340000	

12-2-85