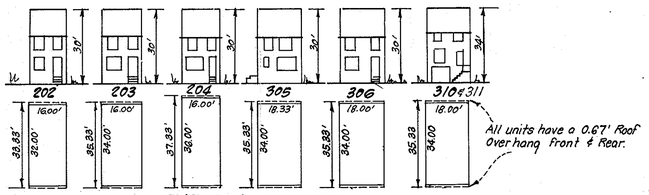
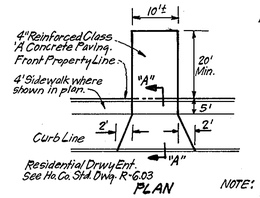


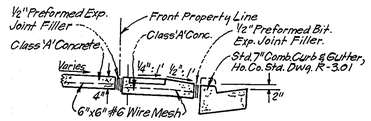
TYPICAL HOUSES

SCALE: NONE



Note: Use Residential Driveway Entrance, Ho. Co. Std. except where driveway abuts Modified Comb. Curb & Gutter.

Note: Materials and Construction shall be in accordance with the Howard County Road Construction Code.



NOTE: Garages shall be used for parking only in accordance with Section 128B2b18 of the Ho. Co. Zoning Regulations.

DRIVEWAY ABUTTING STANDARD "T" COMBINATION CURB & GUTTER

NO SCALE

LEGEND :

1. Contour Interval — 2 Ft.
2. Existing Contour — 250
3. Proposed Contour — 250
4. Spot Elevation — +50.5
5. Direction of Drainage
6. Existing Trees to be retained
7. Walk-out Basements — W.O.B.
8. Retaining Wall

GENERAL NOTES :

1. The Land included is zoned : RSA-8.
2. All materials and construction to be in accordance with Ho. Co. Road Construction Plans.
3. All parking to be privately owned and maintained.
4. All coordinates based on the Maryland State Grid System.
5. The area covered is located on Tax Map #47, P's 37 & 39.
6. The total area of this plan is 14.669 Acres.
7. Any damage to county owned rights of way shall be corrected at the developer's expense.
8. Number of Units shown : 99
9. Number of Parking Spaces Required : 198 Provided : 205
10. Maximum Building Coverage : 40%. Min Lot sizes are :

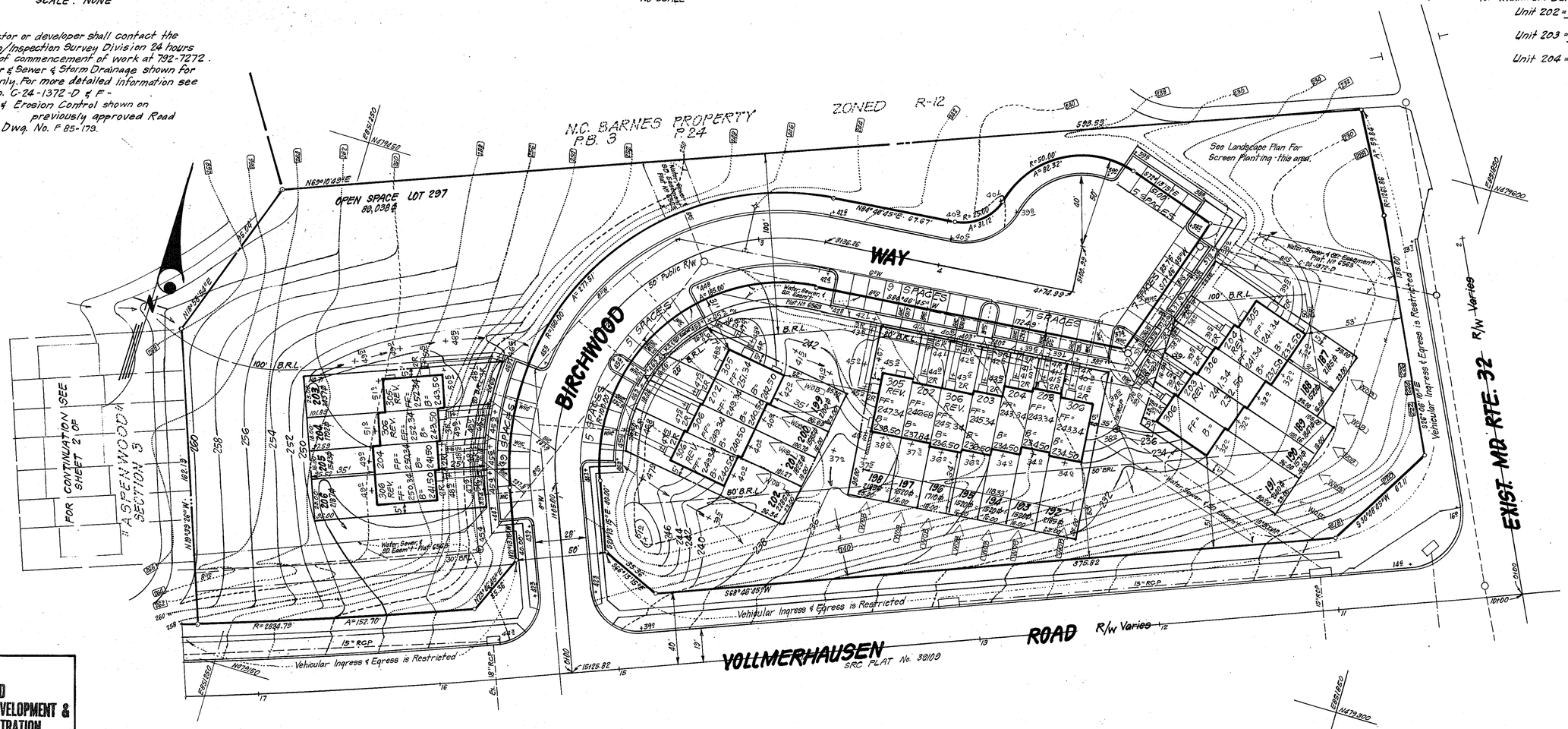
Unit 202 = 583.28 / 0.40 = 1338 ☐ ft Unit 305 = 635.94 / 0.40 = 1590 ☐ ft

Unit 203 = 565.28 / 0.40 = 1413 ☐ ft Unit 306 = 635.94 / 0.40 = 1590 ☐ ft

Unit 204 = 597.28 / 0.40 = 1493 ☐ ft Units 310 & 311 = 635.94 / 0.40 = 1590 ☐ ft

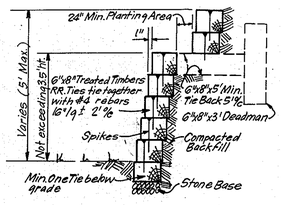
NOTES :

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. F 85-179.



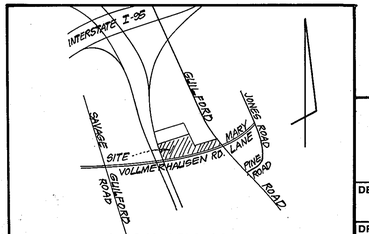
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-13-86

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 2-4-86
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



TYPICAL RETAINING WALL

NO SCALE



VICINITY MAP

SCALE: 1" = 2,000'

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
ASPENWOOD	3/1	LOTS 187-285

PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MP.	ELEC. DIST.	CENSUS TR.
6563, 6564 & 6565	51G	RSA-8	47	6TH	6004

WATER CODE	SEWER CODE
B03	4340000

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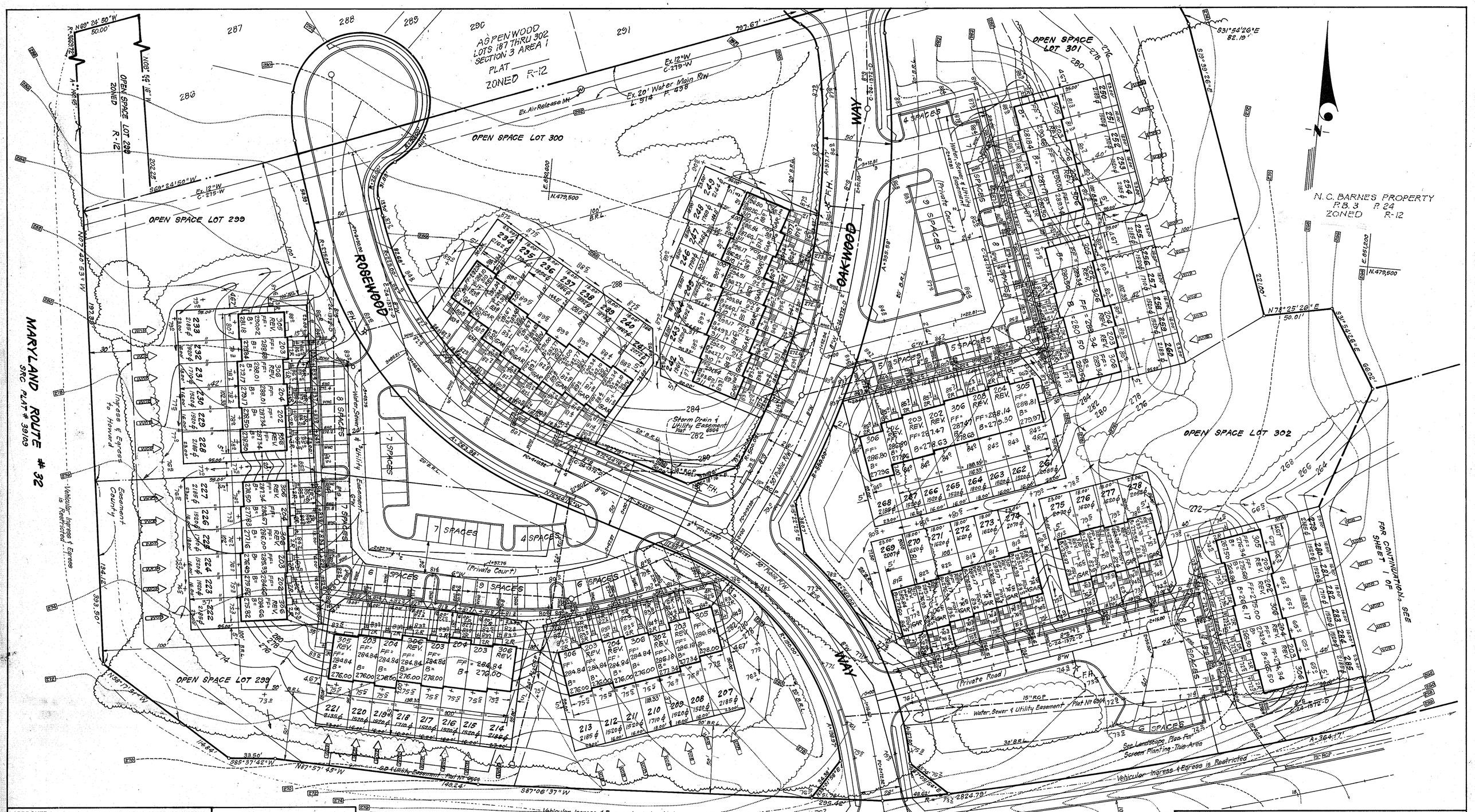
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED BAF	SITE DEVELOPMENT PLAN LOTS 187 thru 285 ASPENWOOD SECTION 3 AREA 1	SCALE 1"=30'
DRAWN VLM KIW		DRAWING 1 OF 7
CHECKED BAF	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 85-024
DATE Sept. 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. 85-024-X

SDP-86-95

ADDRESS CHART

LOT	STREET ADDRESS
187	8834 Birchwood Way
188	8832 " "
189	8830 " "
190	8828 " "
191	8820 " "
192	8822 " "
193	8820 " "
194	8818 " "
195	8816 " "
196	8814 " "
197	8812 " "
198	8810 " "
199	8808 " "
200	8806 " "
201	8802 " "
202	8800 " "
203	8801 " "
204	8805 " "
205	8803 " "
206	8807 Birchwood Way
207	8201 Rosewood Way
208	8203 " "
209	8205 " "
210	8207 " "
211	8209 " "
212	8211 " "
213	8213 " "
214	8217 " "
215	8219 " "
216	8221 " "
217	8223 " "
218	8225 " "
219	8227 " "
220	8229 " "
221	8231 " "
222	8235 " "
223	8237 " "
224	8239 " "
225	8241 " "
226	8243 " "
227	8245 " "
228	8249 " "
229	8251 " "
230	8253 " "
231	8255 " "
232	8257 " "
233	8259 " "
234	8260 " "
235	8258 " "
236	8256 " "
237	8254 " "
238	8252 " "
239	8250 " "
240	8248 " "
241	8240 Rosewood Way
242	8201 Oakwood Way
243	8203 " "
244	8205 " "
245	8207 " "
246	8209 " "
247	8211 " "
248	8213 " "
249	8215 " "
250	8240 " "
251	8238 " "
252	8236 " "
253	8234 " "
254	8232 " "
255	8228 " "
256	8226 " "
257	8224 " "
258	8222 " "
259	8220 " "
260	8218 " "
261	8214 " "
262	8212 " "
263	8210 " "
264	8208 " "
265	8206 " "
266	8204 " "
267	8202 " "
268	8200 Oakwood Way
269	8236 Rosewood Way
270	8234 " "
271	8232 " "
272	8230 " "
273	8228 " "
274	8226 " "
275	8224 " "
276	8220 " "
277	8218 " "
278	8216 " "
279	8212 " "
280	8210 " "
281	8208 " "
282	8206 " "
283	8204 " "
284	8202 " "
285	8200 Rosewood Way



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 2-4-86

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

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

SUBDIVISION NAME			SECT/AREA	LOT/PARCEL #
ASPENWOOD			3/1	Lots 187-285
PLAT# OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC DIST	CENSUS TR.
6563,6564 & 6565	51G	RSA-8	47	6TH	6064
WATER CODE		SEWER CODE		
B03		4340000		

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ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED BAF	SITE DEVELOPMENT PLAN LOTS 187 thru 285 **ASPENWOOD** SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN VLM LAI		DRAWING 2 OF 7
CHECKED BAF		JOB NO. 85-024
DATE Sept., 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. 85-024-X

SDP-86-95

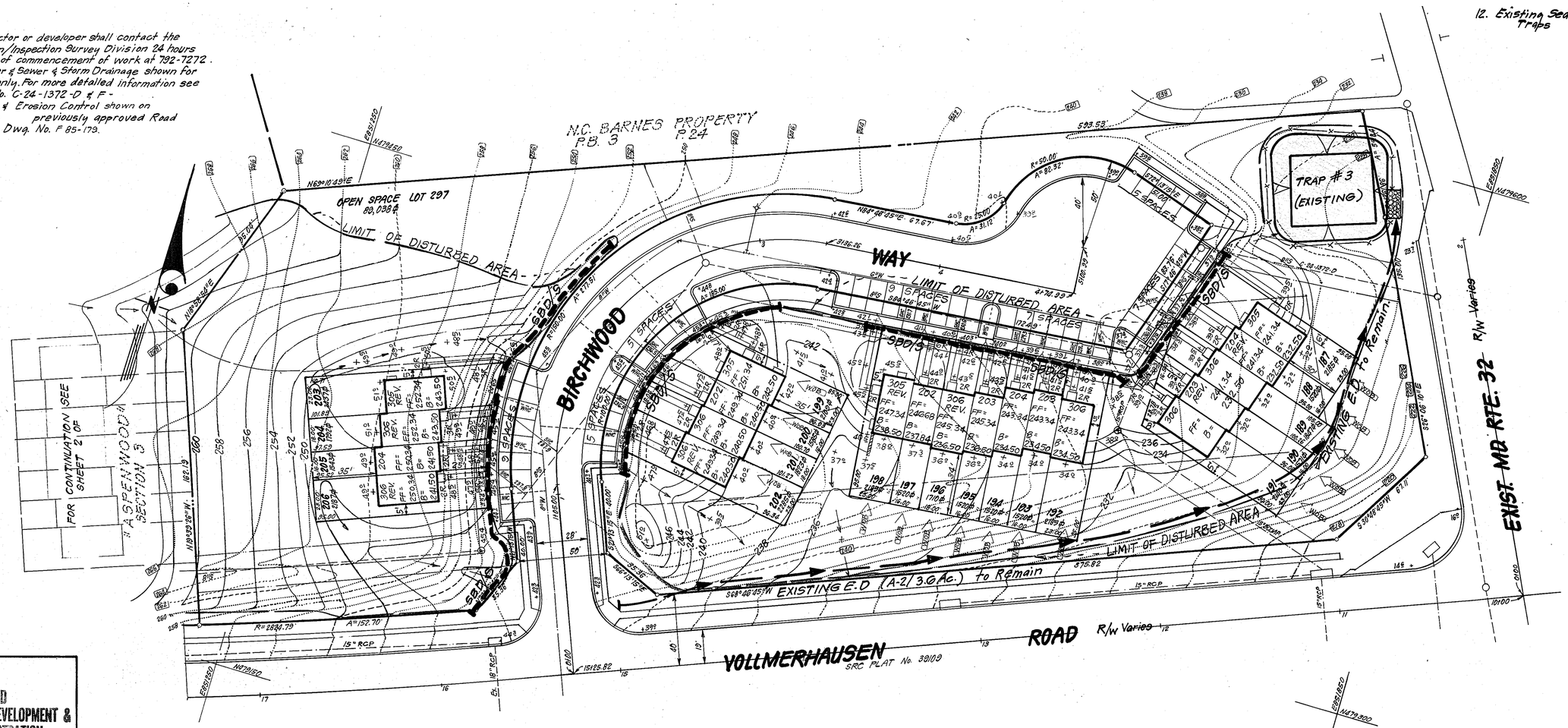
TRAP #	TYPE OF TRAP	D.A. (Ac.)	Storage Required	Storage Provided	Depth	Top of Stone Crest Elev.	Bottom Elev.	Clean-Out Elev.	Bottom Dimensions	REMARKS
1	ROST ST VI	6.0	10,800 cf.	10,800 cf.	4'	270.0	265.0	267.0	96'x23'	Existing. a=1.5 b=14
2	SOST ST V	4.8	8,640 cf.	9,126 cf.	3'	269.0	265.0	266.50	72'x33'	Existing
3	SOST ST V	3.6	6,480 cf.	6,600 cf.	3'	226.5	222.5	224.0	47'x41'	Existing

LEGEND:

1. Contour Interval — 2 Ft.
2. Existing Contour
3. Proposed Contour — 250
4. Spot Elevation — +50 E
5. Direction of Drainage
6. Existing Trees to be retained
7. Walk-Out Basement — WOB
8. Retaining Wall
9. Straw Bale Dike or Silt Fence — SBD/S
10. Earth Dike — E.D. (A-2/Ac.)
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. F 85-179.



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 2-4-86

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. Huber — Approved — Date 1/27/86

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."

Brook R. Palmer — Signature of Developer/Builder — Date 10-22-85
Brook 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 Conservation District.

G. Nelson Clark — Date 10-21-85

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ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED GLB	SEDIMENT AND EROSION CONTROL PLAN LOTS 187 THRU 285.	SCALE 1"=30'
DRAWN VLM	ASPENWOOD SECTION 3 AREA 1	DRAWING 3 OF 7
CHECKED GLB	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 85-024
DATE Oct, 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. 85-024SE

SDP-86-95

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

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

Approved 1/27/86
Date

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 2-4-86

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

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

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DEVELOPER'S/BUILDER'S CERTIFICATE

Signature of Developer/Builder — Date 10-22-85
Brook 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 Conservation District."

G. Nelson Clark — Date 10-21-85

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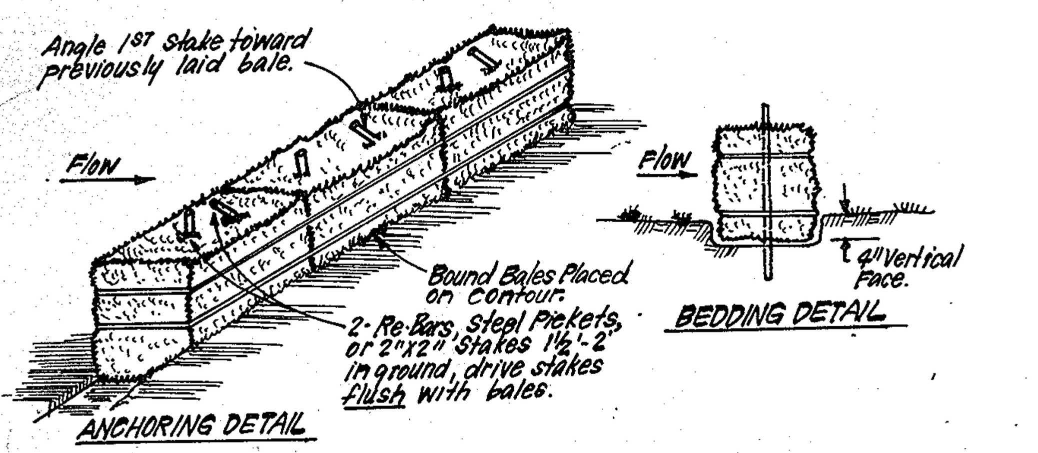
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED GLB	SEDIMENT AND EROSION CONTROL PLAN LOTS 187 THRU 285	SCALE 1"=30'
DRAWN VLM	ASPENWOOD SECTION 3 AREA I	DRAWING 4 OF 7
CHECKED GLB	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 85-024
DATE Oct. 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. 85-024SE

SDP-86-95

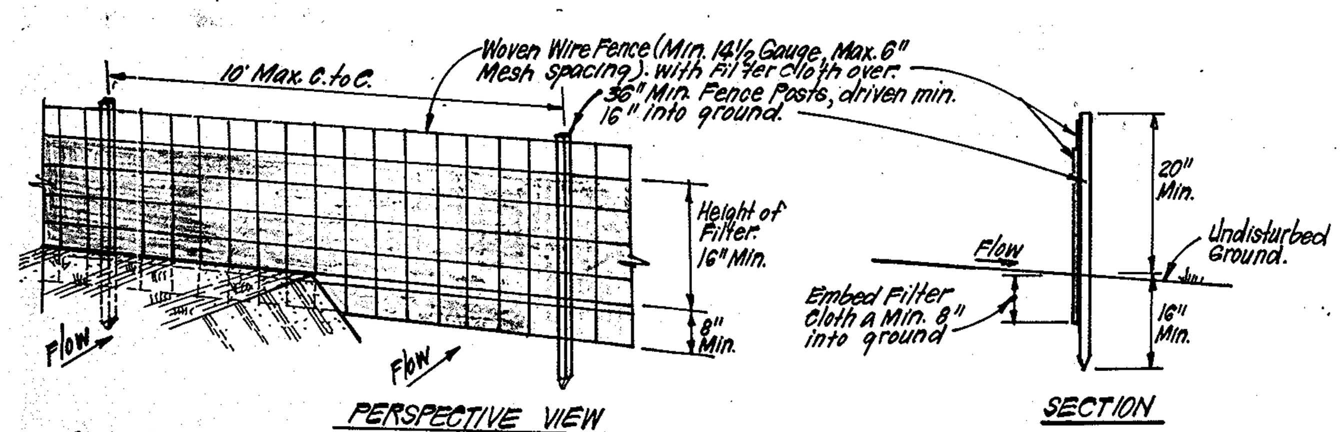


CONSTRUCTION SPECIFICATIONS:

1. 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.
2. Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
3. 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 bale.
4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
5. 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



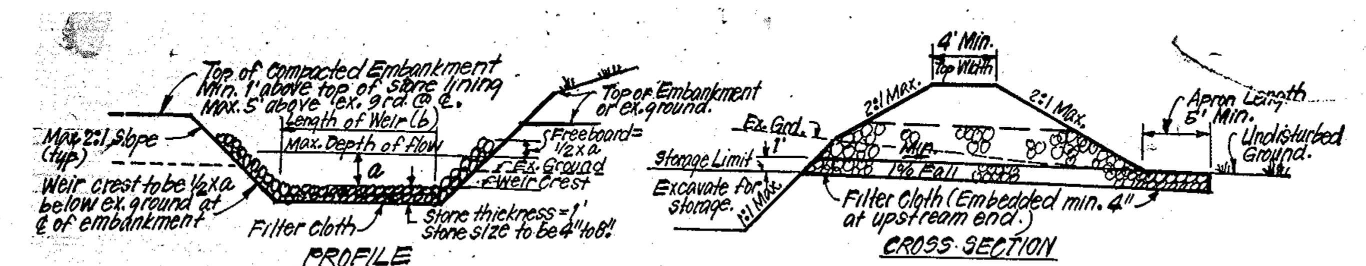
CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter Cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when "Bulges" develop in Silt Fence.

POSTS: Steel either T or U Type or 2" Hardwood.
FENCE: Woven Wire, 14½ Gage 6" Max. Mesh Opening.
FILTER CLOTH: Filter X, Mirafi 100X, Stablinka, T140N or Approv. equal.
PREFABRICATED UNIT: Geofab, Envirofence, or Approv. equal.

SILT FENCE DETAIL (S)

NO SCALE

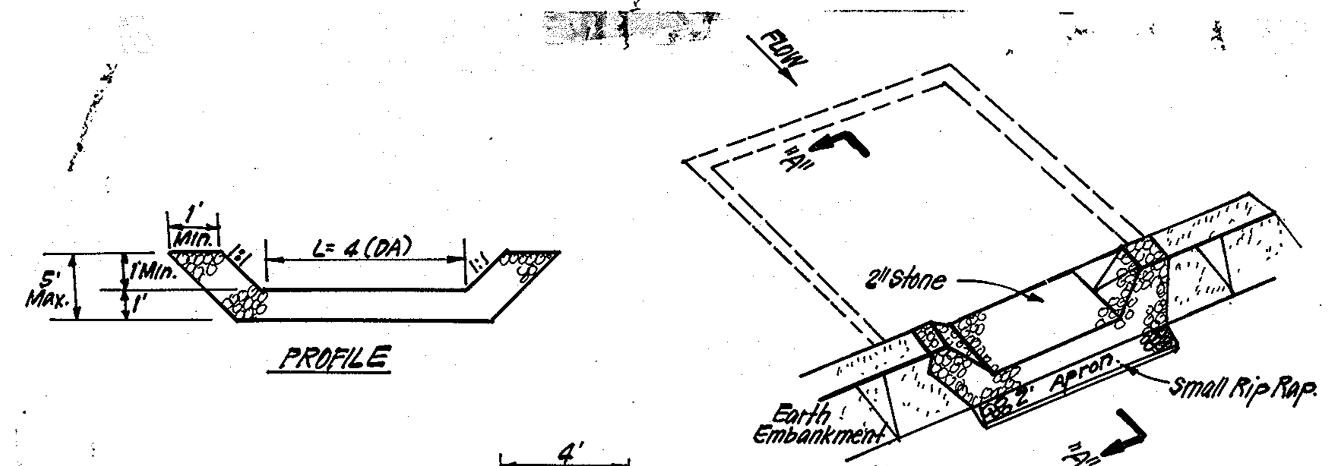


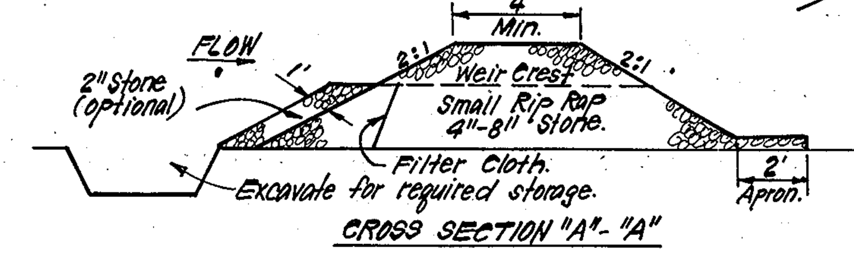
CONSTRUCTION SPECIFICATIONS:

1. The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equip. while it is being constructed. Max. height of embankment shall be 5' measured at ℄ of embankment.
3. All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
4. Elevation of the top of any dike directing water into trap must equal or exceed height of embankment.
5. 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.
6. 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 at entrance of outlet channel.
7. Stone used in the outlet channel shall be 4" to 8" rip rap. 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.
8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to ½ 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.
9. The structure shall be inspected after each rain and repaired as needed.
10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
12. Drainage area for this practice is limited to 15 acres or less.

RIP RAP OUTLET SEDIMENT TRAP - ST-VI.

NO SCALE





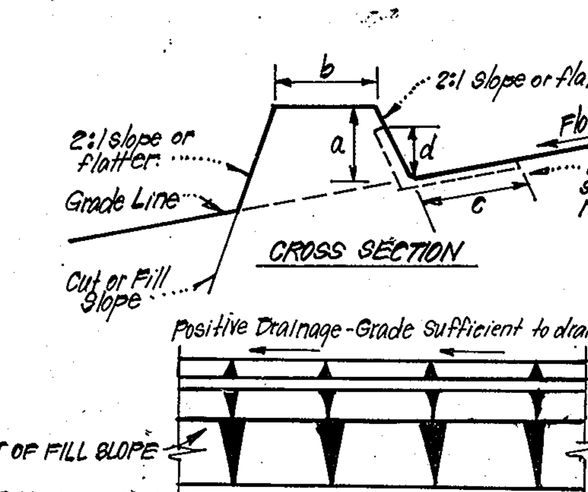
OPTION: A 1' layer of 2" Stone may be placed on the upstream side of the rip rap in place of embedded filter cloth.

CONSTRUCTION SPECIFICATIONS:

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. 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.
5. Sediment shall be removed and trap restored to its orginal dimensions when the sediment has accumulated to ½ the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner than erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.ST.) ST-V.

NO SCALE



	DIKE A (5ac or less)	DIKE B (5-10 ac)
a. DIKE HEIGHT	18"	36"
b. DIKE WIDTH	24"	36"
c. FLOW WIDTH	4'	6"
d. FLOW DEPTH	8"	15"

CONSTRUCTION SPECIFICATIONS:

1. All dikes shall be compacted by earth-moving equipment.
2. All dikes shall have positive drainage to an outlet.
3. Top width may be wider and side slopes may be flatter if desired, to facilitate crossing by construction traffic.
4. Field location should be adjusted as needed to utilize a stabilized safe outlet.
5. 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.
6. 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.

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	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/Jute, or Excelsior; Sod; 2" Stone
3	5.1-8.0%	Seed w/Jute, or Sod; 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 equivilent, 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 8" 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

1) 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)
2) 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.
3) Following initial soil disturbance or redisturbance, 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.
4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chaper 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5) 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 germiration and establishment of grasses.
6) 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
7) 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	5.609	Acres
Total Cut	28580	Cu. yds
Total Fill	24290	Cu. yds
Offsite waste/borrow area location	N/A	

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 DPW sediment control inspector.
10) 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.
11) If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented. N/A
12) All pipes to be blocked at the end of each day (see detail below). N/A
13) The total amount of straw bale dikes/silt fence equals 2010 L.F.

14. 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

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.

1) 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).
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. 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 thre 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 1½ to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

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 2½ 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 1½ 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
[signature] 2-3-86
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[signature] 2-4-86
PLANNING DIRECTOR — DATE
[signature] 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
[signature] 1-29-86
DIRECTOR — DATE
[signature] 1-28-86
CHIEF BUREAU OF ENGINEERING — DATE

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

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

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

[signature] 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] 10-22-85
Signature of Developer/Builder — Date
Brook R. Palmer

ENGINEER'S CERTIFICATE

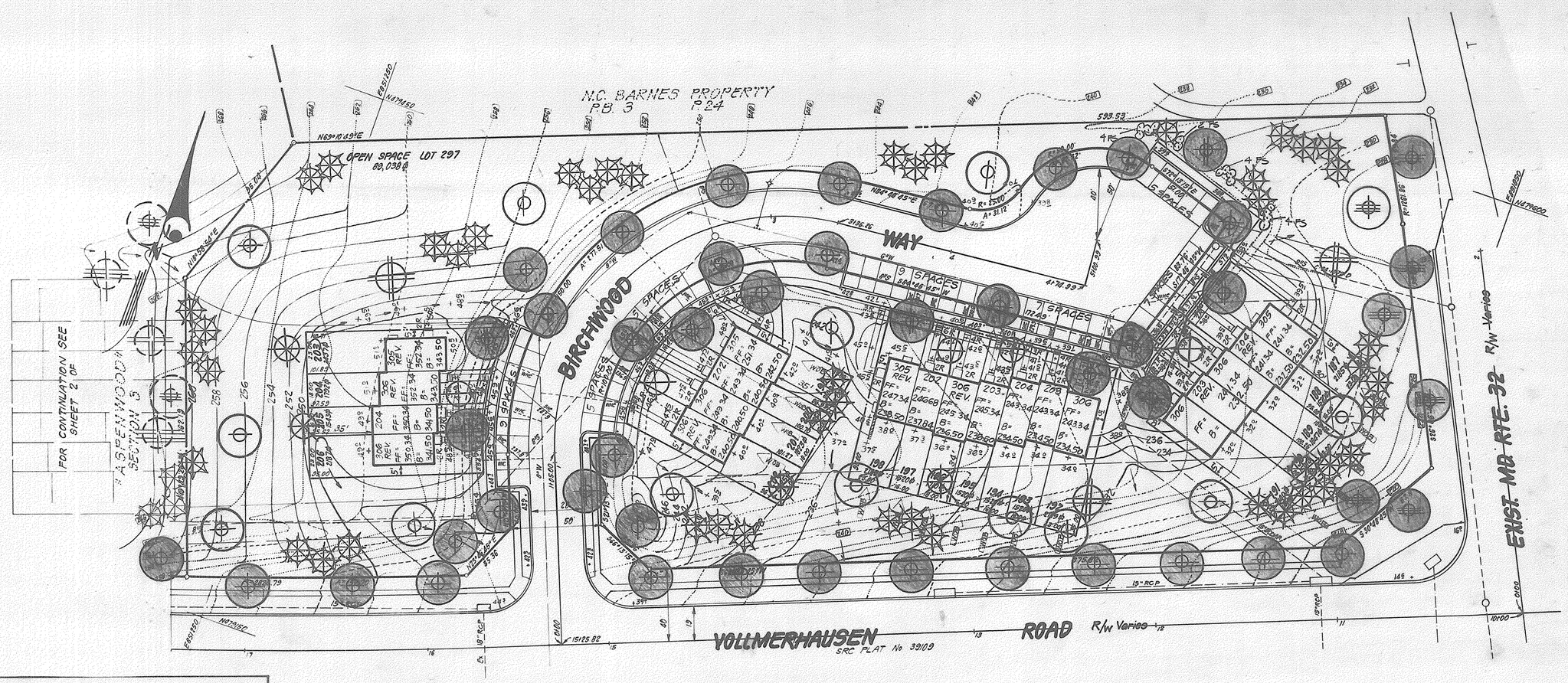
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

[signature] 10-21-85
G. Nelson Clark — Date

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

DESIGNED GLB	SEDIMENT AND EROSION CONTROL PLAN LOTS 187 THRU 285	SCALE AS SHOWN
DRAWN YLM	ASPENWOOD SECTION 3 AREA 1	DRAWING 5 OF 7
CHECKED GLB	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 85-024
DATE Oct. 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. 85-024SE

SDP-86-95



12·2·85

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
	QUERCUS PALUSTRIS PIN OAK	2½" CAL 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	
	FORSYTHIA INTERMEDIA SPECTABILIS SNOWY BORDER FORSYTHIA	3-4' HT.	28	B & B HEAVY
	ACER RUBRUM 'SUNSET' SUNSET MAPLE	2½" CAL 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	2-2½" CAL 8-10' HT.	19	
	AMELANCHIER CANADENSIS SERIVE BERRY		17	
	PRUNUS SERR. 'KWANZAN' KWANZAN 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 THUNBERGII JAPANESE BLACK PINE		11	

PREVIOUSLY APPROVED STREET TREES

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

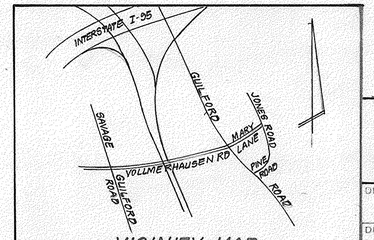
NOTES:
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- SUBSTITIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT, (593-3400).

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 2-4-86

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

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



VICINITY MAP
SCALE: 1" = 2,000'

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
ASPENWOOD	3/1	

PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MP	ELEC DIST	CENSUS TR
	6	RSA 8	47	6TH	

WATER CODE 303 — SEWER CODE 4340000

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

DESIGNED: KBN	LANDSCAPE PLANTING PLAN LOTS 187 thru 302 ASPENWOOD SECTION 3 AREA 1	SCALE: 1"=30'
DRAWN: KBN		DRAWING: 6 OF 7
CHECKED: WHT	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 85-024
DATE: OCT. '85	FOR: CAPITAL HOMES, INC. 6800 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. LS 85-024

SDP-86-95

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 2-4-86

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

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

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

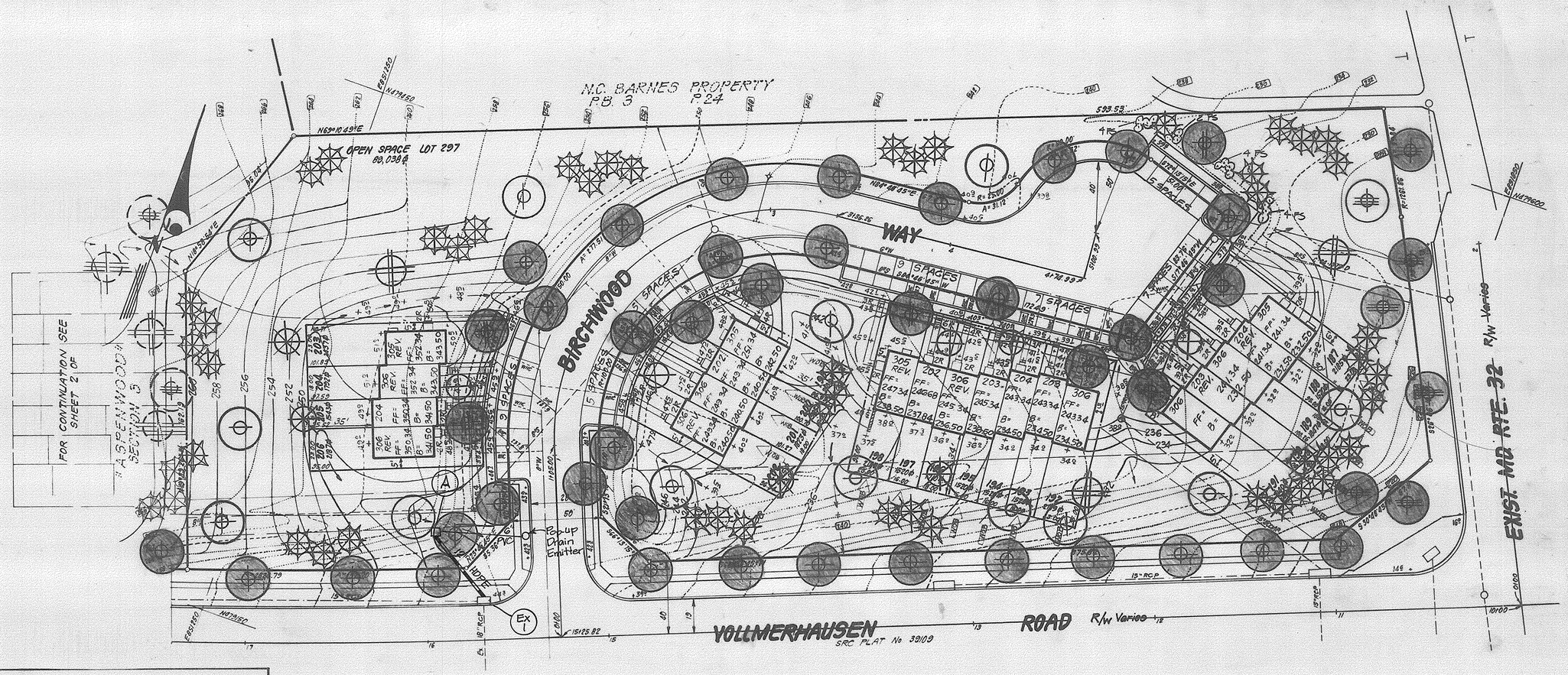
DESIGNED KBN	LANDSCAPE PLANTING PLAN LOTS 187 thru 302 ASPENWOOD SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN KBN		DRAWING 7 OF 7
CHECKED WHT		JOB NO. 85-024
DATE 10-1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO. LS 85-024

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
ASPENWOOD	3/1	

PLAT# OR L/F	BLOCK#	ZONE	TAX/ZONE MP.	ELEC DIST.	CENSUS TR.
	6	RSA-8	47	6TH	

WATER CODE	SEWER CODE
B03	4340000

SDP-86-95



PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
PREVIOUSLY APPROVED STREET TREES	QUERCUS PALUSTRIS PIN OAK	2½" CAL 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	
	FORSYTHIA INTERMEDIA SPECTABILIS SNOWY BORDER FORSYTHIA	3-4' HT.	28	B&B HEAVY
	ACER RUBRUM 'SUNSET' SUNSET MAPLE	2½" CAL 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	2-2½" CAL 8-10' HT.	19	
	AMELANCHIER CANADENSIS SERVICE BERRY		17	
	PRUNUS SERR. 'KWANZAN' KWANZAN 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 THUNBERGII 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.
- SUBSTITIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT (593-3900).

STATE OF MARYLAND — WAYNE D. TRUE — No 434 — REGISTERED LANDSCAPE ARCHITECT
12-2-85

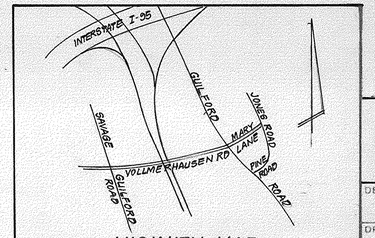
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 2-3-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 2-4-86
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-4-86

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

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

№	Revision	Date
1	Added str. A & 12" HDPE to Ex. str. 1	4-9-07



VICINITY MAP
SCALE: 1" = 2,000'

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
ASPENWOOD	3/1	

PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MP	ELEC DIST	CENSUS TR
	6	RSA 8	17	6TH	

WATER CODE 8003 — SEWER CODE 4340000

CLARK · FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
1331 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

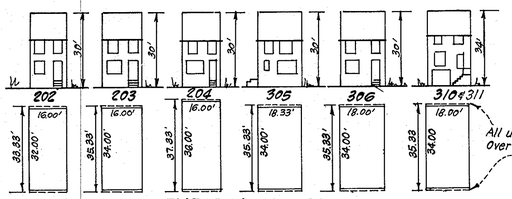
DESIGNED	NBN
DRAWN	NBN
CHECKED	WHT
DATE	OCT. '85

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

FOR: CAPITAL HOMES, INC.
6800 Rock Spring Drive
Bethesda, Maryland 20034

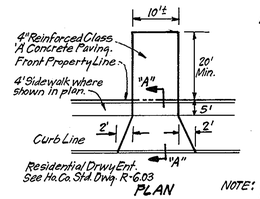
SCALE	1"=30'
DRAWING	6 OF 7
JOB NO	85-024
FILE NO.	85-024

SDP-86-95



TYPICAL HOUSES

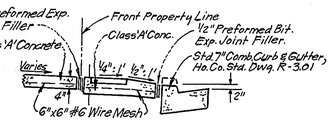
SCALE: NONE



PLAN

Note: Use Residential Driveway Entrance, Ho.Co. Std. except where driveway abuts Modified Comb. Curb & Gutter.

Note: Materials and Construction shall be in accordance with the Howard County Road Construction Code.



SECTION "A"-"A"

NOTE: Garages shall be used for parking only in accordance with Section 128.B.1.b of the Ho. Co. Zoning Regulations.

DRIVEWAY ABUTTING STANDARD "T" COMBINATION CURB & GUTTER

NO SCALE

LEGEND :

1. Contour Interval — 2 Ft.
2. Existing Contour — 250
3. Proposed Contour — 250
4. Spot Elevation — +50.5
5. Direction of Drainage
6. Existing Trees to be retained
7. Walk-Out Basements — W.O.B.
8. Retaining Wall

GENERAL NOTES :

1. The Land included is zoned : RSA-8.
2. All materials and construction to be in accordance with Ho. Co. Road Construction Plans.
3. All parking to be privately owned and maintained.
4. All coordinates based on the Maryland State Grid System.
5. The area covered is located on Tax Map #47, P's 37 & 39.
6. The total area of this plan is 14.669 Acres.
7. Any damage to county owned rights of way shall be corrected at the developer's expense.
8. Number of Units shown : 99
9. Number of Parking Spaces Required : 198 Provided : 205
10. Maximum Building Coverage : 40%. Min Lot sizes are :

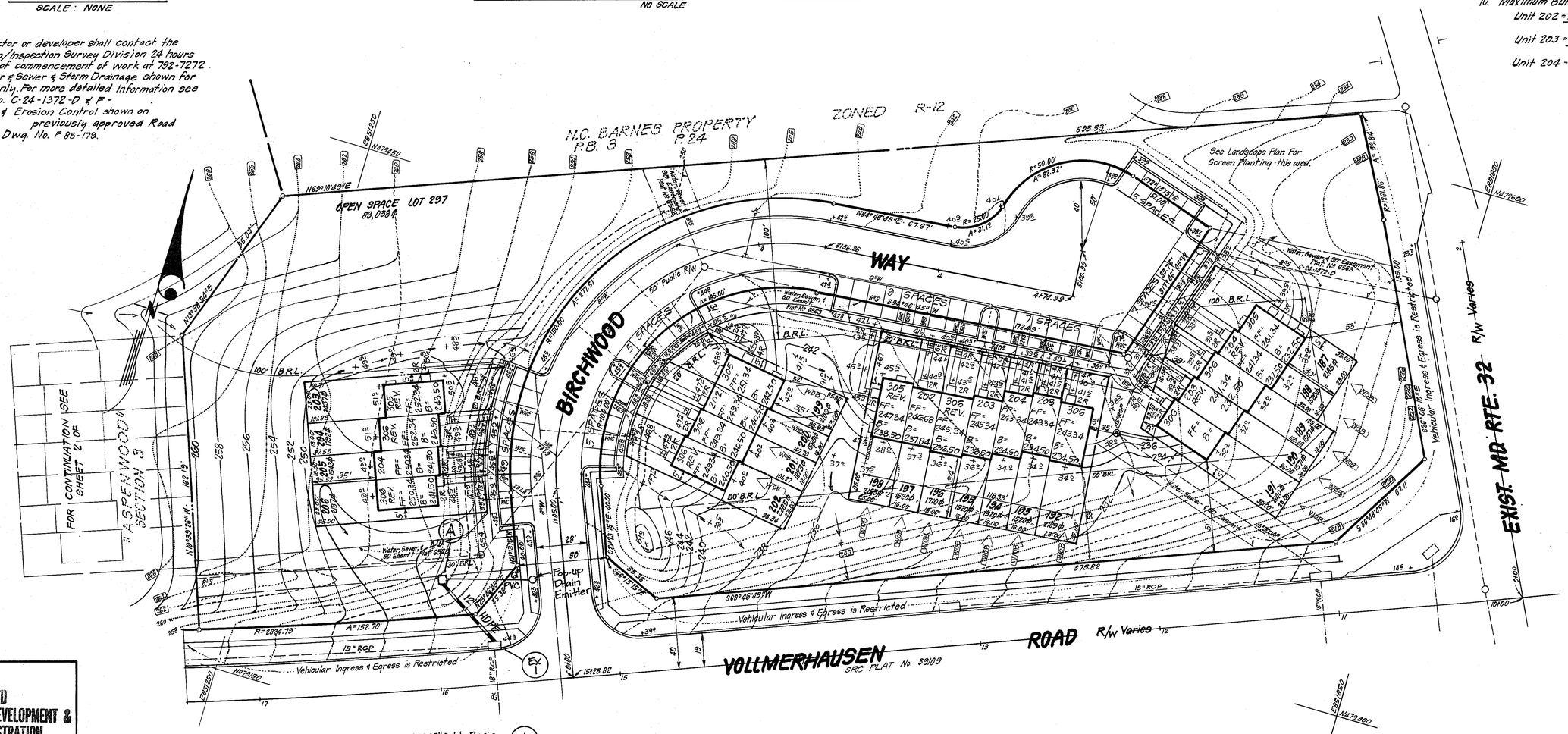
Unit 202 = 563.28 / 0.40 = 1338 ⌗ — Unit 305 = 635.94 / 0.40 = 1590 ⌗

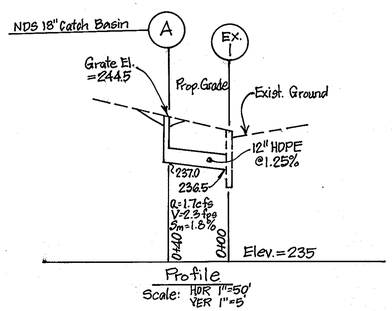
Unit 203 = 565.28 / 0.40 = 1413 ⌗ — Unit 306 = 635.94 / 0.40 = 1590 ⌗

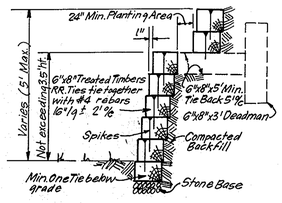
Unit 204 = 597.28 / 0.40 = 1493 ⌗ — Units 310 & 311 = 635.94 / 0.40 = 1590 ⌗

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. F 85-179.







TYPICAL RETAINING WALL

NO SCALE

No.	REVISION	DATE
1	Added Str. A and 12" HDPE to Ex. Str. 1. Added Profile; Str. A to Ex. 1	4-9-07

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

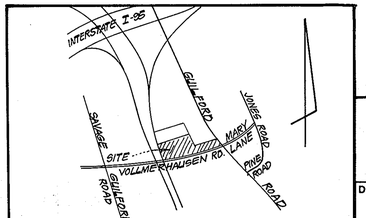
PLANNING DIRECTOR — DATE 2-4-86

CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-4-86

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



VICINITY MAP

SCALE: 1" = 2,000'

SUBDIVISION NAME	SECT/AREA	LOT/PARCEL #
ASPENWOOD	3/1	LOTS 187-285

PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MP.	ELEC. DIST	CENSUS TR.
6563, 6564 & 6565	51G	RSA-8	47	6TH	6004

WATER CODE	SEWER CODE
B03	4340000

STATE OF MARYLAND — DONALD B. BAUGHMAN — No. 9061 — PROFESSIONAL LAND SURVEYOR

ADDRESS CHART

LOT	STREET ADDRESS
187	8834 Birchwood Way
188	8832 " "
189	8830 " "
190	8828 " "
191	8820 " "
192	8822 " "
193	8820 " "
194	8818 " "
195	8816 " "
196	8814 " "
197	8812 " "
198	8810 " "
199	8806 " "
200	8804 " "
201	8802 " "
202	8800 " "
203	8807 " "
204	8805 " "
205	8803 " "
206	8801 Birchwood Way
207	8201 Rosewood Way
208	8203 " "
209	8205 " "
210	8207 " "
211	8209 " "
212	8211 " "
213	8213 " "
214	8217 " "
215	8219 " "
216	8221 " "
217	8223 " "
218	8225 " "
219	8227 " "
220	8229 " "
221	8231 " "
222	8235 " "
223	8237 " "
224	8239 " "
225	8241 " "
226	8243 " "
227	8245 " "
228	8249 " "
229	8251 " "
230	8253 " "
231	8255 " "
232	8257 " "
233	8259 " "
234	8260 " "
235	8258 " "
236	8256 " "
237	8254 " "
238	8252 " "
239	8250 " "
240	8248 " "
241	8240 Rosewood Way
242	8201 Oakwood Way
243	8203 " "
244	8205 " "
245	8207 " "
246	8300 " "
247	8211 " "
248	8213 " "
249	8215 " "
250	8240 " "
251	8238 " "
252	8236 " "
253	8234 " "
254	8232 " "
255	8228 " "
256	8226 " "
257	8224 " "
258	8222 " "
259	8220 " "
260	8218 " "
261	8214 " "
262	8212 " "
263	8210 " "
264	8208 " "
265	8206 " "
266	8204 " "
267	8202 " "
268	8200 Oakwood Way
269	8236 Rosewood Way
270	8234 " "
271	8232 " "
272	8230 " "
273	8228 " "
274	8226 " "
275	8224 " "
276	8220 " "
277	8218 " "
278	8216 " "
279	8212 " "
280	8210 " "
281	8208 " "
282	8206 " "
283	8204 " "
284	8202 " "
285	8200 Rosewood Way

CLARK · FINEFROCK & SACKETT
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DESIGNED: BAF	SITE DEVELOPMENT PLAN LOTS 187 thru 285 ASPENWOOD SECTION 3 AREA 1	SCALE: 1"=30'
DRAWN: VLM KIW		DRAWING: 1 OF 7
CHECKED: BAF	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.: 85-024
DATE: Sept., 1985	FOR: CAPITAL HOMES, INC. 6500 Rock Spring Drive Bethesda, Maryland 20034	FILE NO.: 85-024-X

SDP-86-95