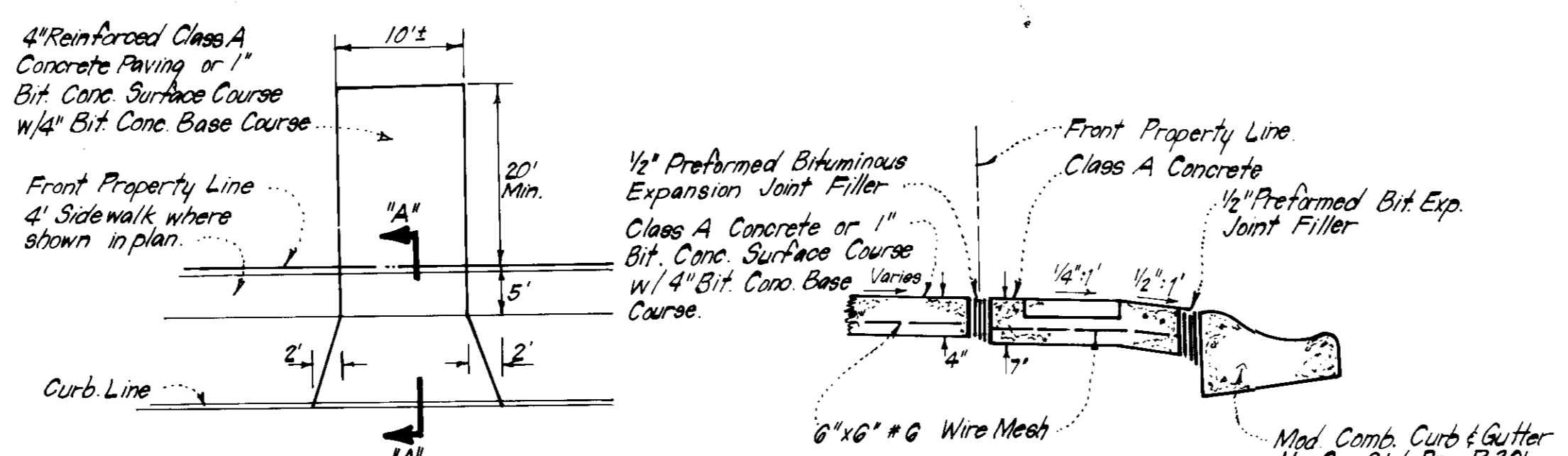
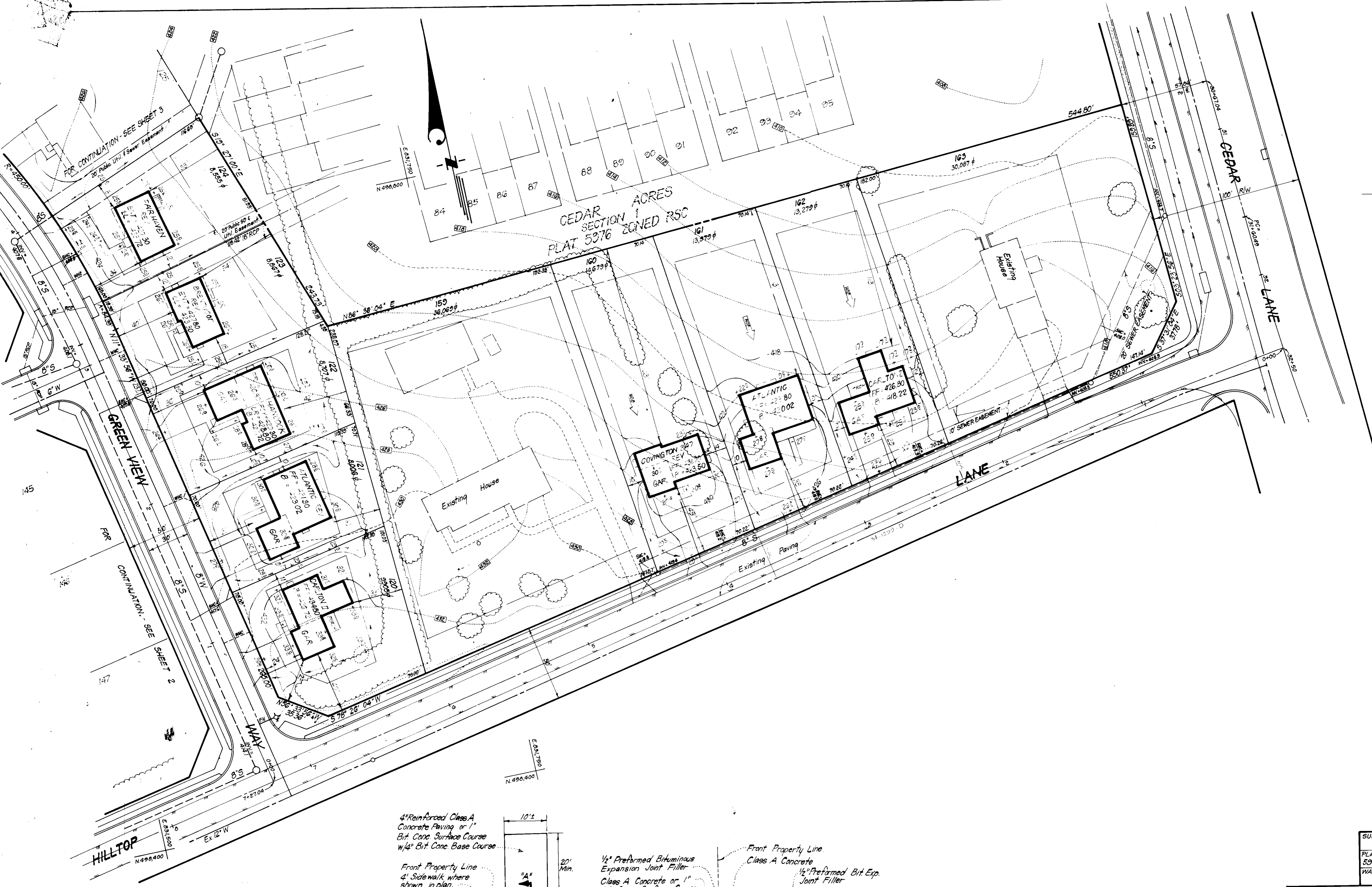


- LEGEND:**
- 1. Contour Interval 2ft
 - 2. Existing Contour
 - 3. Proposed Contour
 - 4. Spot Elevation +10ft
 - 5. Direction of Drainage
 - 6. Existing Trees to be Retained

- GENERAL NOTES:**
- The land included in this plan is zoned: RSC
 - All coordinates shown hereon are based on the Maryland State Grid System.
 - The area covered in this plan is located on Tax Map # 35.
 - The total area included in this plan is 11.315 Acres.
 - All roadways are public and existing.
 - Any damage to County owned rights-of-way shall be corrected at the developer's expense.
 - The total number of lots included in this plan is 43.



Note: Use Residential Driveway Entrance Howard Co. Std. Dwg. D-34, pg. 89, except where driveway abuts Mod. Comb. Curb & Gutter.

Note: Materials and Construction shall be in accordance with Ho. Co. Road Construction Code.

PLAN SECTION "A"-"A"

DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER

NO SCALE

SUBDIVISION NAME CEDAR ACRES		SECT. AREA 2.63	LOTS/PARCEL 120-152
PLAT or L/F 5376 & 6/64	BLOCK # 11	ZONE RSC	TAX. ZONE MAP/ELEC. DIST. 35 5TH
WATER CODE E 28		SEWER CODE 5327300	

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

[Signature] 2-27-84
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
[Signature] 3-4-85
DATE

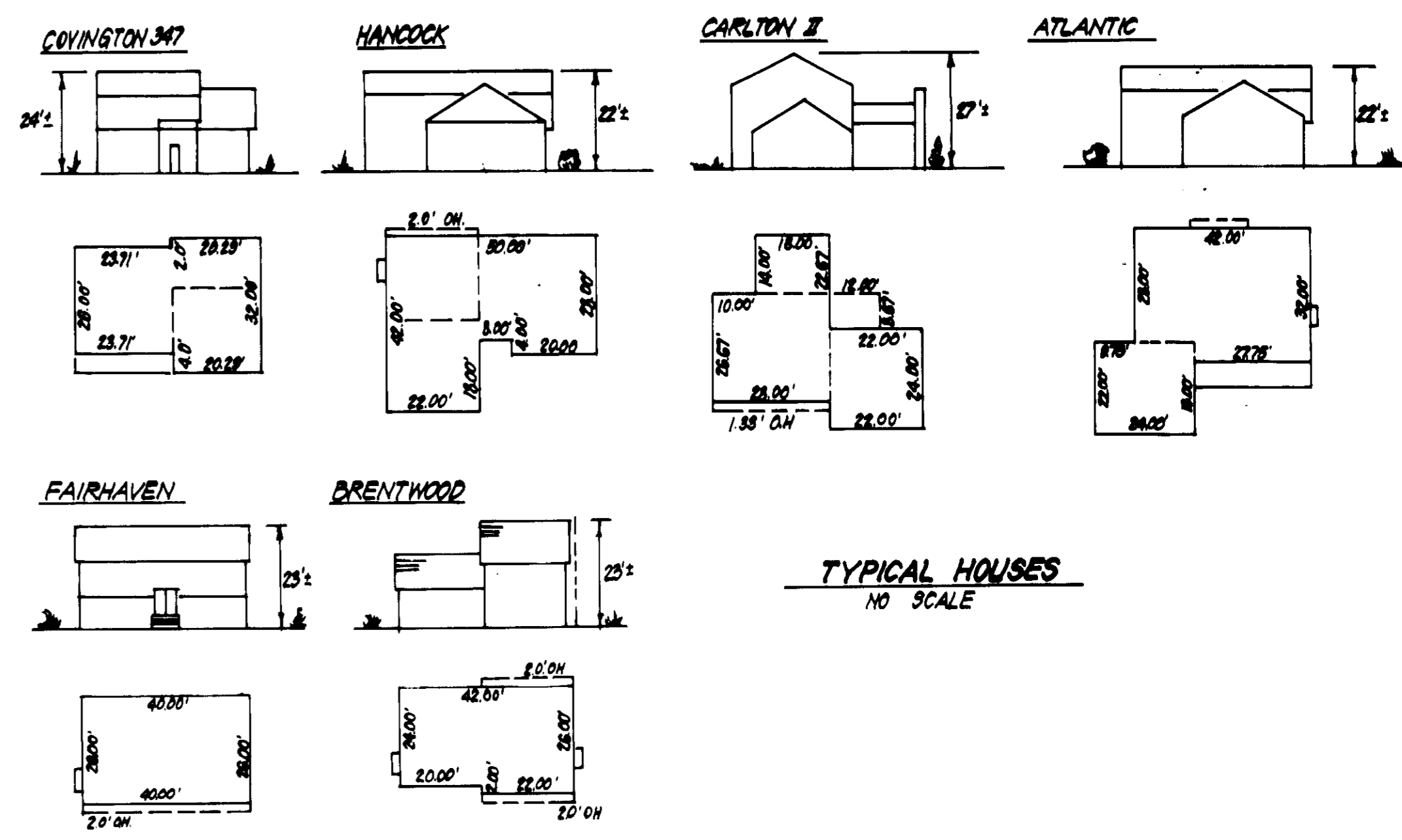
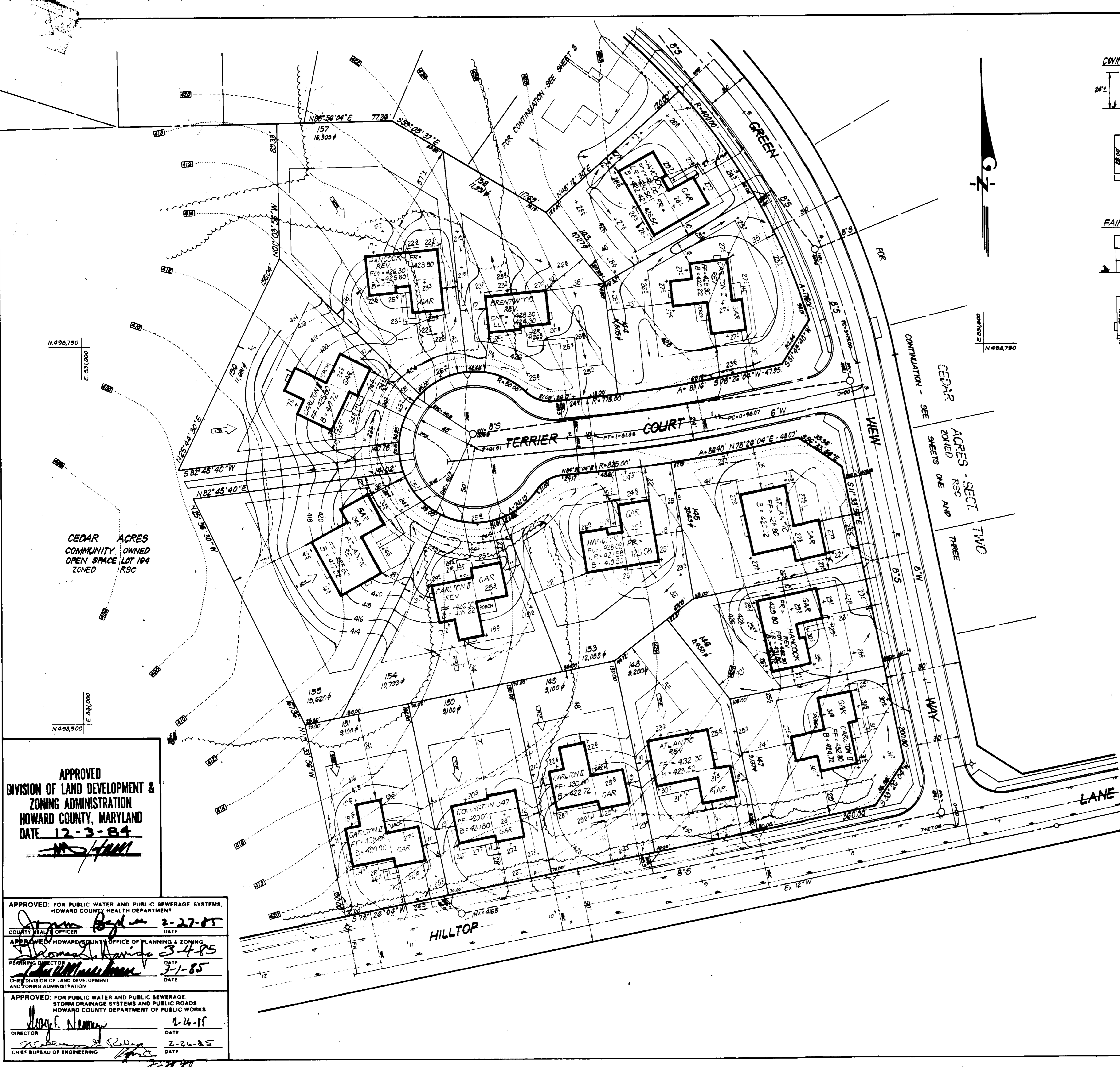
APPROVED: DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] 3-1-85
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
[Signature] 2-26-85
DATE

CHIEF BUREAU OF ENGINEERING
[Signature] 2-26-85
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-3-84
[Signature]

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS		11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400
DESIGNED JME	SITE DEVELOPMENT PLAN SECTION 2 LOTS 120 thru 152 SECTION 3 LOTS 153 thru 163	SCALE 1"=30'
DRAWN BAF LAI	CEDAR ACRES	DRAWING 1 of 7
CHECKED JME	SECTIONS TWO & THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 04-069
DATE 11-5-84	FOR: DIVERSIFIED HSING CORPORATION Suite 211 American City Building Columbia, Maryland 21045	FILE NO. 04-125 X



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-3-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE 2-27-85

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 3-4-85

CHIEF DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION DATE 3-1-85

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 2-26-85

CHIEF BUREAU OF ENGINEERING DATE 2-26-85

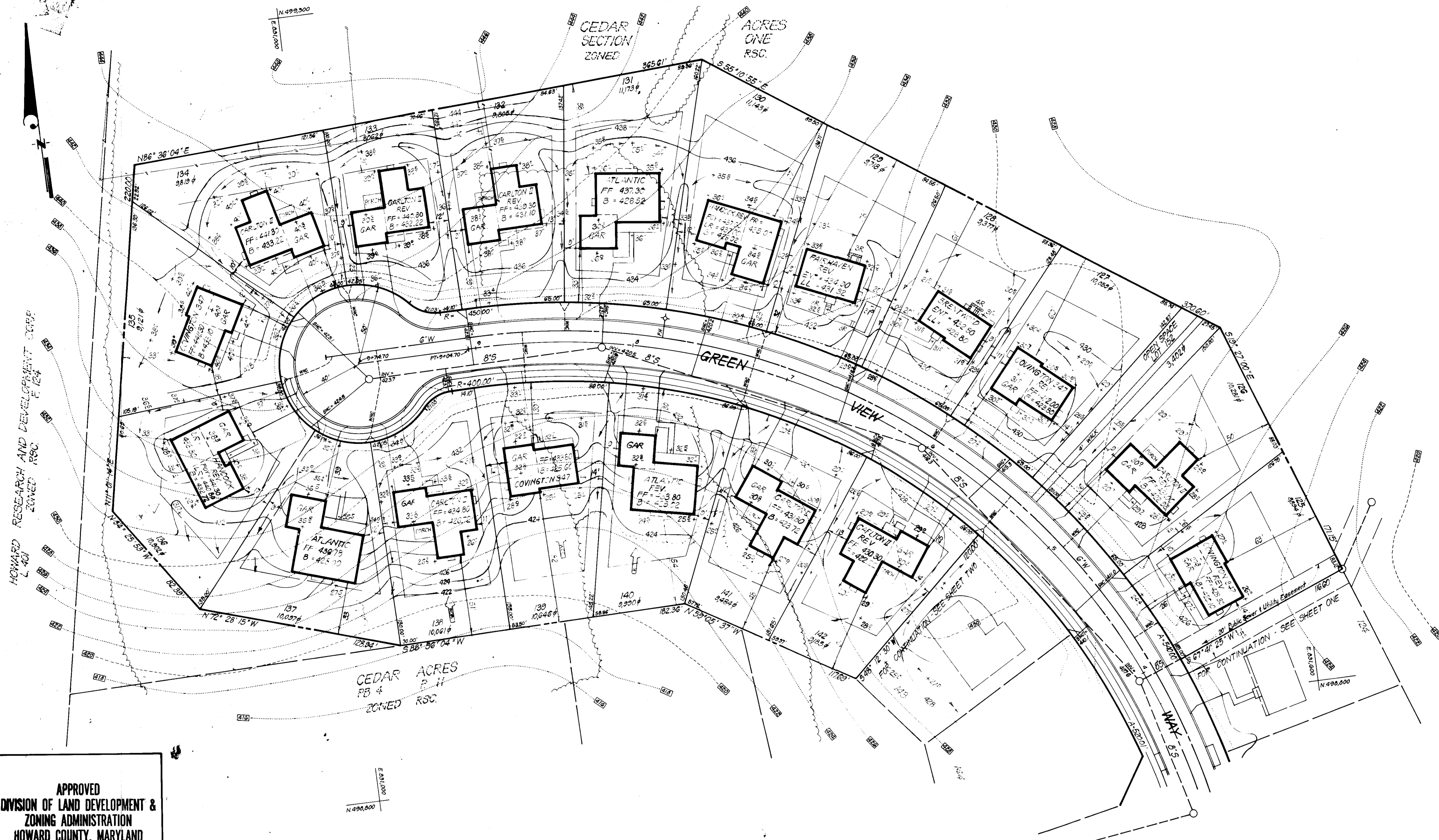
ADDRESS CHART	
LOT NO	STREET ADDRESS
120	10802 Green View Way
121	10806 " "
122	10810 " "
123	10814 " "
124	10818 " "
125	10822 " "
126	10826 " "
127	10830 " "
128	10834 " "
129	10838 " "
130	10842 " "
131	10846 " "
132	10850 " "
133	10854 " "
134	10858 " "
135	10862 " "
136	10866 " "
137	10870 " "
138	10874 " "
139	10878 " "
140	10882 " "
141	10886 " "
142	10890 " "
143	10894 " "
144	10898 Terrier Court
145	10902 Green View Way
146	10906 " "
147	10910 " "
148	10914 Hilltop Lane
149	10918 " "
150	10922 " "
151	10926 " "
152	10930 Terrier Court
153	10934 " "
154	10938 " "
155	10942 " "
156	10946 " "
157	10950 " "
158	10954 " "
159	10958 Hilltop Lane
160	10962 " "
161	10966 " "
162	10970 " "



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

DESIGNED JME	SITE DEVELOPMENT PLAN SECTION 2 LOTS 120 thru 152 SECTION 3 LOTS 153 thru 163 CEDAR ACRES SECTIONS TWO AND THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN BAF LAI		DRAWING 2 of 7
CHECKED JME		JOB NO. 84-069
DATE 11-5-84		FILE NO. 84-125 X

FOR: DIVERSIFIED HOUSING CORP.
 Suite 211 American City Building
 Columbia, Maryland 21045



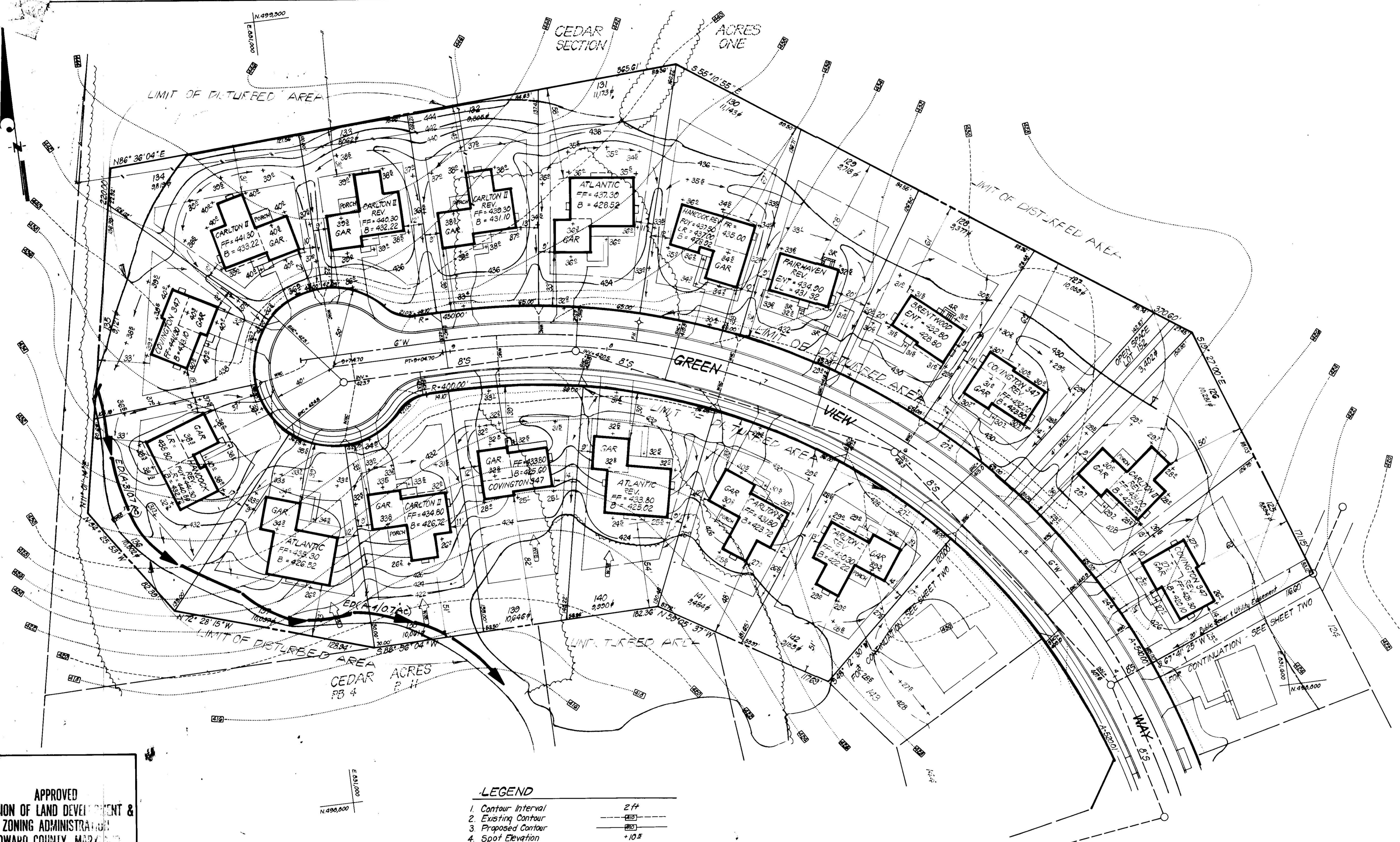
APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-3-84
 [Signature]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER [Signature] DATE 2-27-85
 PLANNING DIRECTOR [Signature] DATE 3-4-85
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION [Signature] DATE 3-1-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR [Signature] DATE 2-26-85
 CHIEF BUREAU OF ENGINEERING [Signature] DATE 2-26-85



CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400				
DESIGNED	JME	SITE DEVELOPMENT PLAN SECTION 2, LOTS 120 thru 152 SECTION 3, LOTS 153 thru 163 CEDAR ACRES SECTIONS TWO & THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE	1" = 30'
DRAWN	BAF		DRAWING	3 of 7
CHECKED	LAI		JOB NO.	04-069
DATE	11-5-84		FILE NO.	04-125 X
FOR:	DIVERSIFIED HOUSING CORP. Suite 211 American City Building Columbia, Maryland 21045			



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-3-84
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 2-27-85
 COUNTY HEALTH OFFICER DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 3-4-85
 PLANNING DIRECTOR DATE
 APPROVED: DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION
[Signature] 3-1-85
 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] 1-16-85
 DIRECTOR DATE
 APPROVED: *[Signature]* 2-26-85
 CHIEF BUREAU OF ENGINEERING DATE

Reviewed for: HOWARD S.C.D.
 Name
 and meets Technical Requirements
[Signature] 2/11/85
 Date
 U.S. Soil Conservation Service

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

APPROVED _____ DATE _____

- LEGEND**
- 1. Contour Interval 2 ft
 - 2. Existing Contour
 - 3. Proposed Contour
 - 4. Spot Elevation +10.5
 - 5. Direction of Drainage
 - 6. Existing Trees to be Retained
 - 7. Earth Dike ED
 - 8. Stabilized Construction Entrance S.C.E.
 - 9. Straw Bale Dike / Silt Fence SBD/S

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. I/We certify that all persons engaged in the construction
 of the project will be trained in accordance with a Dept. of Natural
 Resources approved training program for the Control of Sediment and
 Erosion. I/We certify that I/We will maintain a record of all
 erosion control measures 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] 11-5-84
 Signature of Developer/Builder Date

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and
 Sediment Control represents a practical and workable
 plan based on my personal knowledge of the site
 conditions and that it was prepared in accordance
 with the requirements of the Howard Soil Conservation
 District.
[Signature] 11-5-84
 G. Nelson Clark Date



CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS		11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400
DESIGNED RP	SEDIMENT & EROSION CONTROL PLAN SECTION 2 LOTS 120 thru 152 SECTION 3 LOTS 153 thru 193 CEDAR ACRES	SCALE 1" = 30'
DRAWN VHL		DRAWING 4 of 7
CHECKED RP	SECTIONS TWO & THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 04-125
DATE Nov, 1984	FOR: DIVERSIFIED HOUSING CORP Suite 211 American City Building Columbia, Maryland 21045	FILE NO. 04-1258E

SDP-85-85

COMMUNITY OWNED
OPEN SPACE LOT 104

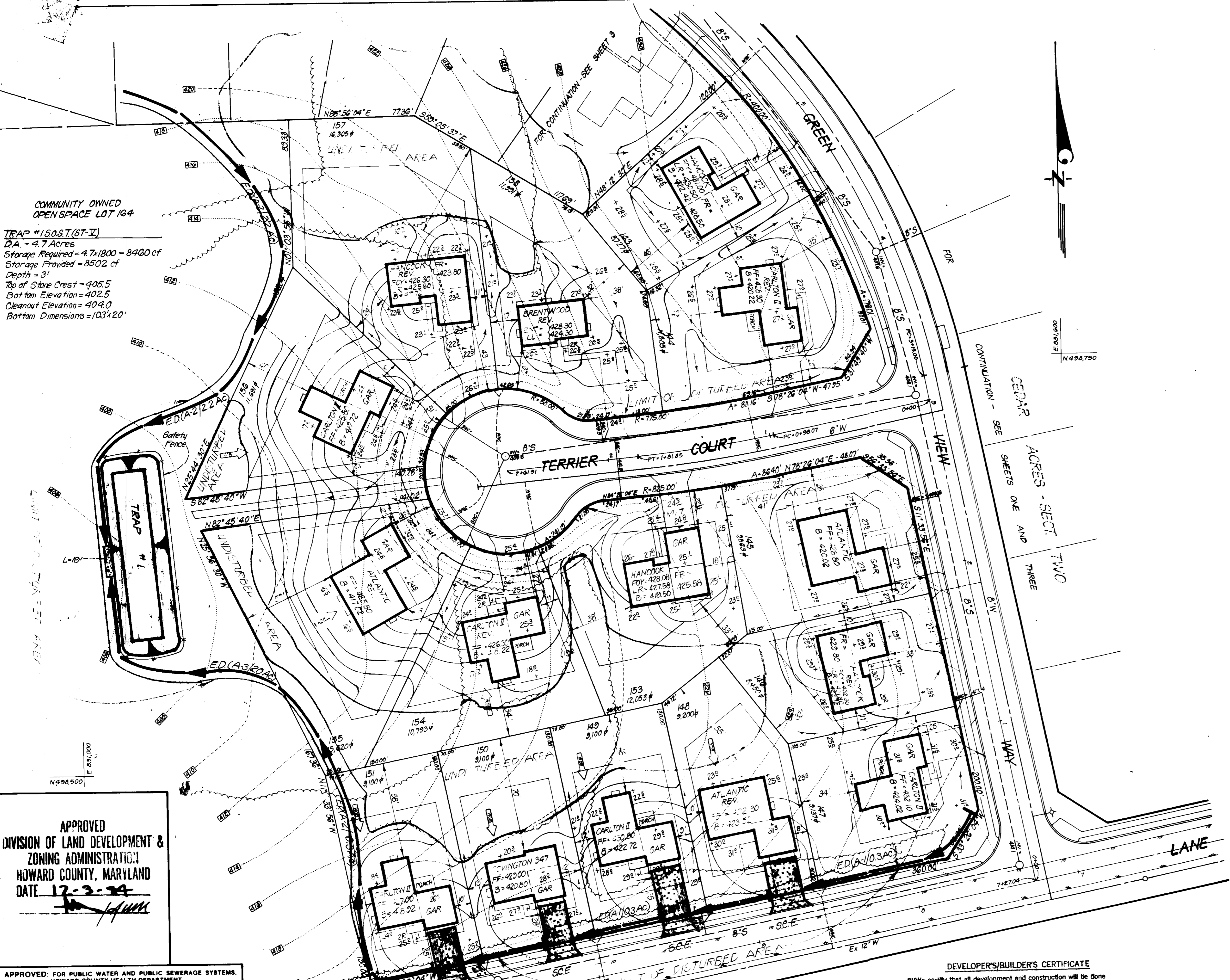
TRAP #1 (S.O.S.T. (ST-V))
DA = 4.7 Acres
Storage Required = 4.7x1800 = 8460 cf
Storage Provided = 8502 cf
Depth = 3'
Top of Storm Crest = 405.5
Bottom Elevation = 402.5
Cleanout Elevation = 404.0
Bottom Dimensions = 103'x20'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-2-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 2-27-85

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 3-6-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 2-26-85



Reviewed for HOWARD S.C.D.
Name: [Signature]
Date: 2/2/85
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."

Paul Montgomery
Signature of Developer/Builder

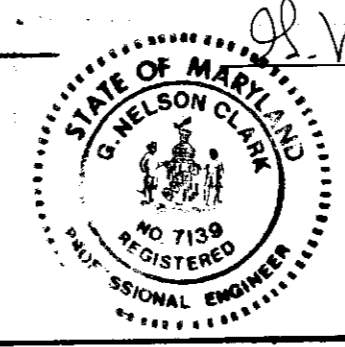
11-84
Date

ENGINEER'S CERTIFICATE

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

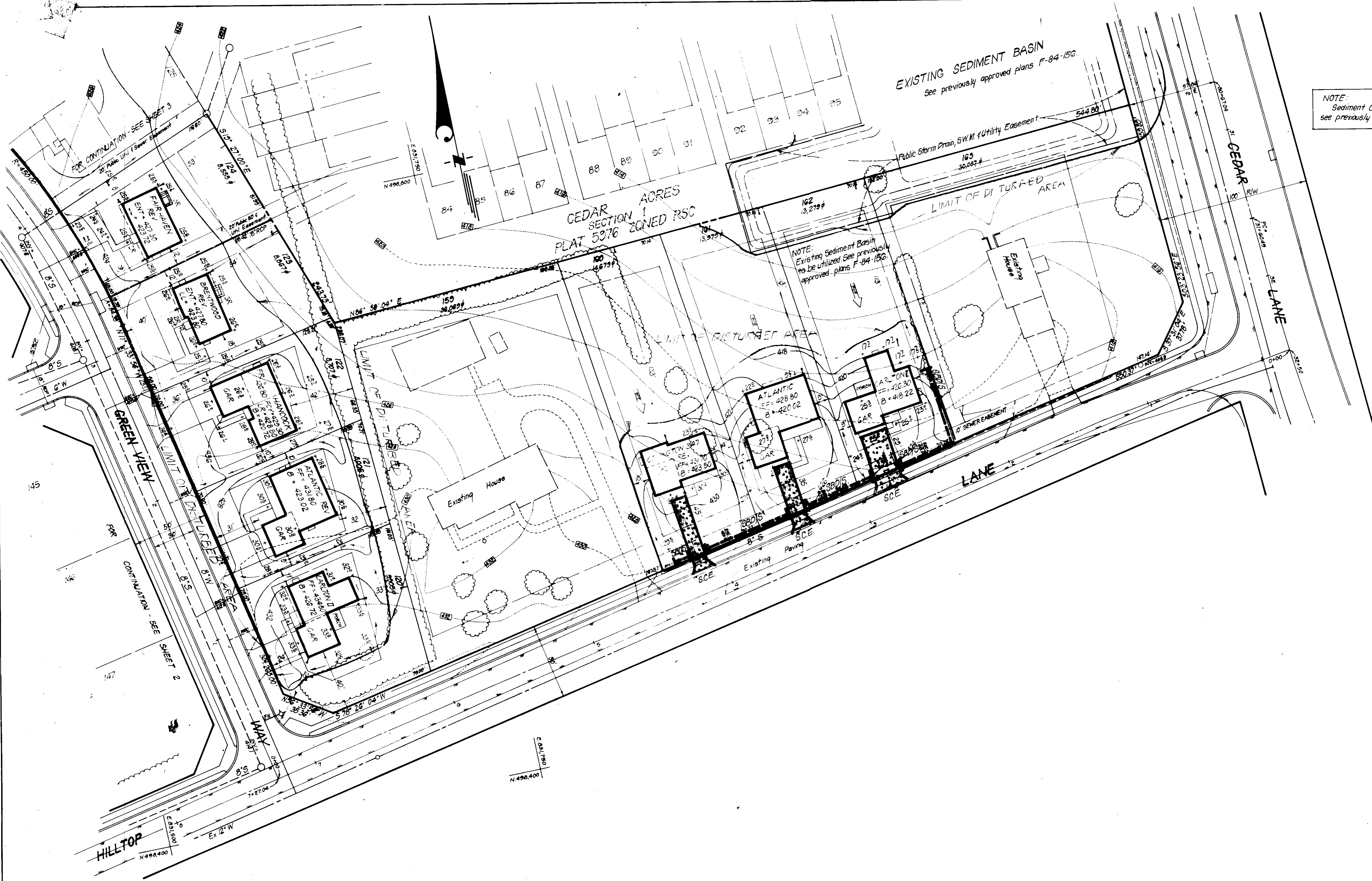
G. Nelson Clark
Signature of Engineer

1-5-84
Date



CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED RP	SEDIMENT & EROSION CONTROL PLAN SECTION 2 LOTS 120 thru 152 SECTION 3 LOTS 153 thru 163 CEDAR ACRES SECTIONS TWO AND THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN VHL		DRAWING 5 of 7
CHECKED RP		JOB NO. 84-125
DATE Nov, 1984		FILE NO. 84-125SE
FOR: DIVERSIFIED HOUSING CORP Suite 211 American City Building Columbia, Maryland 21045		

SDP-85-85c



NOTE:
Sediment Control provided by existing Sediment Basin,
see previously approved plans F-84-150.

NOTE:
Existing Sediment Basin
to be utilized. See previously
approved plans F-84-150.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 2-27-85
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 3-4-85
PLANNING DIRECTOR DATE

APPROVED: DIVISION OF LAND DEVELOPMENT
AND ZONING ADMINISTRATION
[Signature] 3-1-85
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] 2-26-85
DIRECTOR DATE

[Signature] 2-26-85
CHIEF BUREAU OF ENGINEERING DATE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-3-84
[Signature]

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
[Signature] 7/22/85
Date
Signature
U.S. Soil Conservation Service

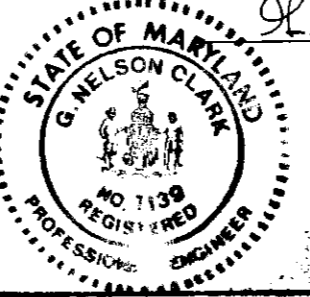
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.

APPROVED _____ DATE _____

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done
in accordance with the 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] 11-5-84
Signature of Developer/Builder Date



ENGINEER'S CERTIFICATE

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

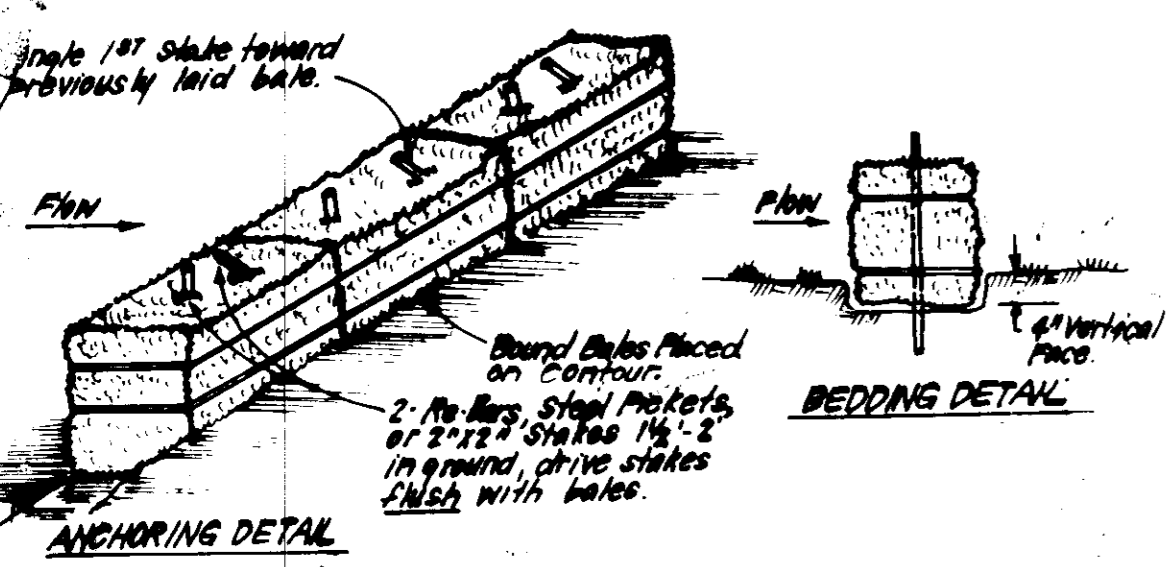
[Signature] 11-5-84
G. Nelson Clark Date

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 583-3400		
DESIGNED RP	SEDIMENT & EROSION CONTROL PLAN SECTION 2 LOTS 120 thru 152 SECTION 3 LOTS 153 thru 163 CEDAR ACRES SECTIONS TWO & THREE 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN VHL		DRAWING 6 of 7
CHECKED RP		JOB NO. 84-125
DATE Nov. 1984		FILE NO. 84-125E
FOR: DIVERSIFIED HSNG CORPORATION Suite 211 American City Building Columbia, Maryland 21045		

SDP-85-85

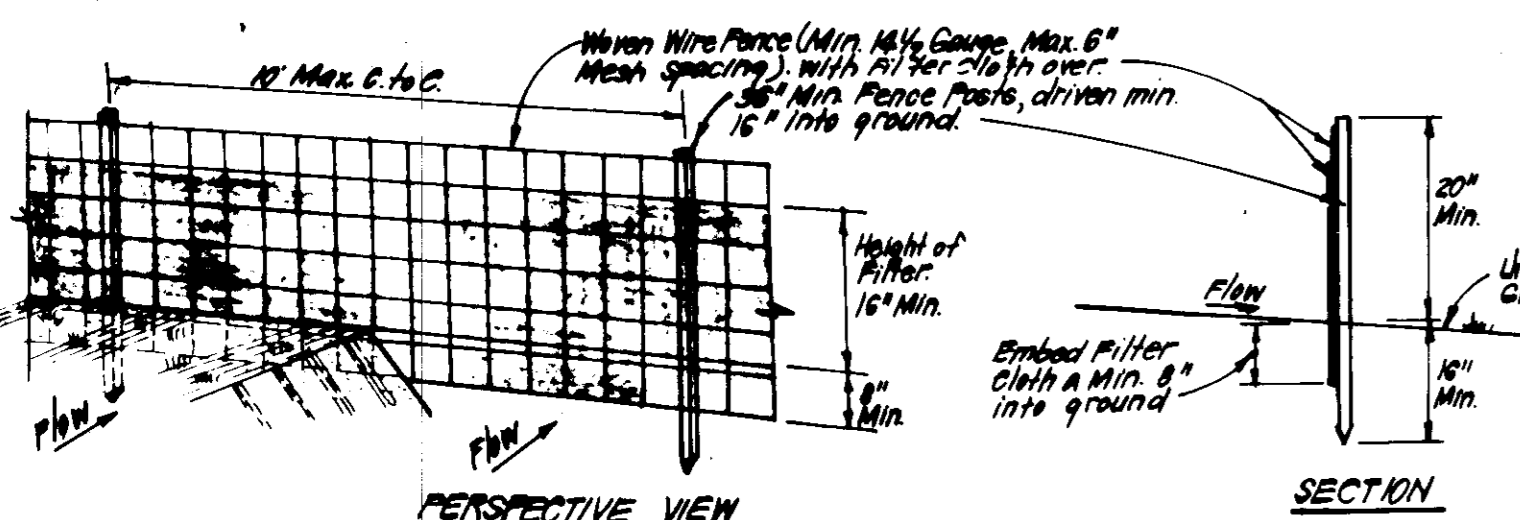
GENERAL NOTES

- Grading Permits shall be obtained prior to installation of sediment control.
- All Sediment Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of existing surface of site.
- Notify the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specs. for Soil Erosion and Sediment Control in Developing Areas", and shall be adjusted to meet actual field conditions.
- All structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On Site Inspection and maintenance of all sediment control measures including clean-out of Sediment Traps and Dikes, and proper establishment of all structural vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- See Pages 51.01 - 51.08 of the Maryland State & Specs for Soil Erosion and Sediment Control for Permanent Seeding and Pages 50.01 - 50.05 for Temporary Seeding.
- As per C.D.M.A.R. 08.05.01.06 -- "Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: (a) seven calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to one vertical (3:1) and (b) fourteen days as to all other disturbed or graded areas on the project site."
- All Pipes to be blocked at the end of each day (See detail below).
- The total amount of Straw Bale Dikes/Silt Fence shown = 2100' L.P.
- SITE ANALYSIS:**
 - A Total Area: 11394 Acres
 - B Area to be Reroofed: 1390 Acres
 - C Area to be Paved: 0.613 Acres
 - D Area to be Seeded: 5.282 Acres
 - E Area Undisturbed: 4.100 Acres
- CONSTRUCTION SEQUENCE:**
 - A Install Sediment & Erosion Control Devices and Stabilize.
 - B Excavate for foundations and Rough Grade.
 - C Construct Structures, Driveways & Sidewalks.
 - D Final Grade in accordance with note #10.
 - E IP Houses are to be constructed on an "As-Built" basis, at random, single lot Sediment Control, as shown below, shall be implemented.
 - F All sediment traps shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chap. 12, of the Howard Co. Design Manual for Storm Drainage.



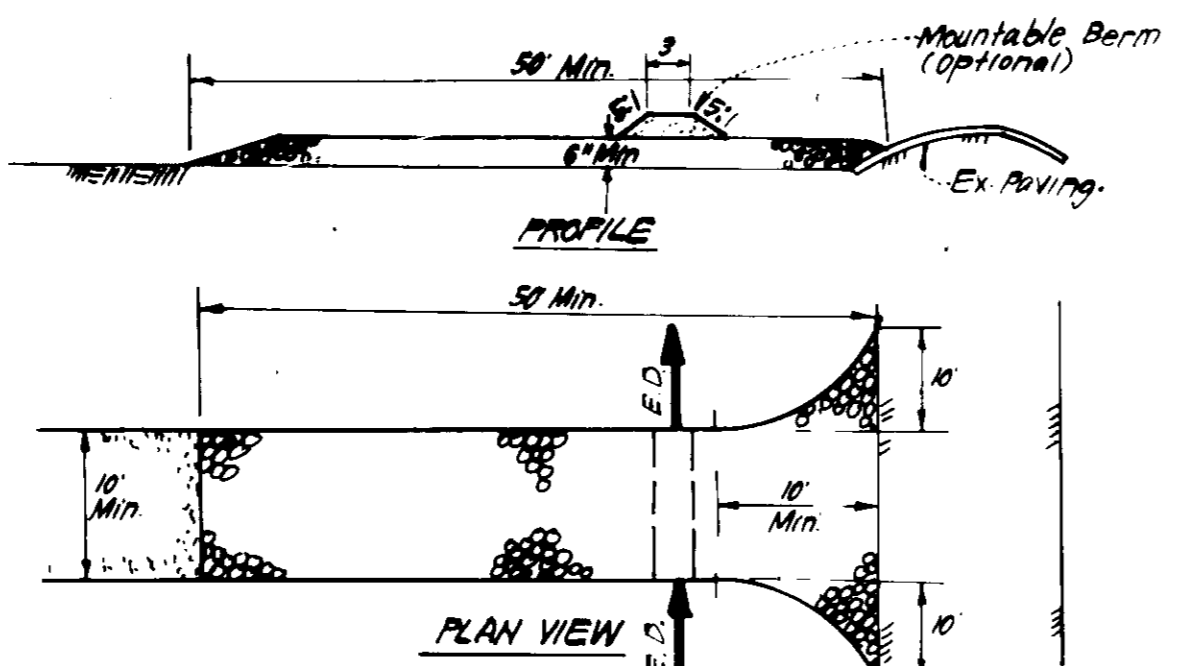
- CONSTRUCTION SPECIFICATIONS:**
- Bales shall be placed on the top of a slope or on the contour and in a row with ends slightly offsetting the adjacent bales.
 - Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
 - Bales shall be securely anchored in place 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 bale.
 - 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



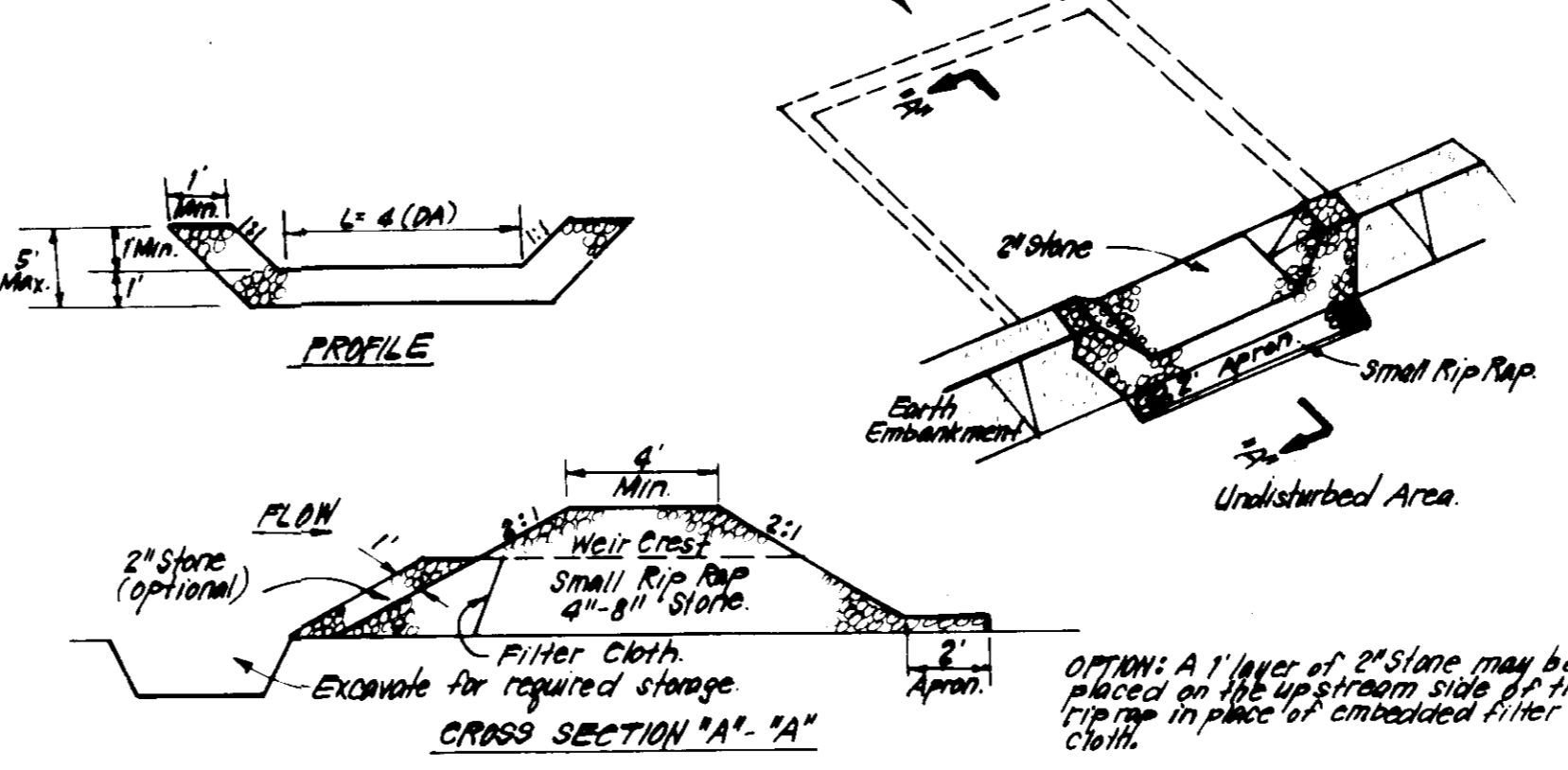
- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
 - When 2 sections of filter cloth adjoin each other they shall be overlapped by 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 4" x 4" wood
 FENCE: Woven Wire, 1 1/2 Gauge, 6" Max. Mesh Opening
 FILTER CLOTH: FilterX, Miran's 100X, Sialbinke, TIGUN or Approx. equal
 PREFABRICATED UNIT: Geofab Envirofence, or Approx. equal

SILT FENCE DETAIL (S)
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a simple residence lot where a 150 min. length would apply).
 - Thickness - Not less than 6".
 - Width - Ten foot min, but not less than the full width at point where ingress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 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. Sediment spilled, trapped, washed or tracked onto public rights of way must be removed immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights of way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
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 rocks and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by ramming with equipment 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 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.

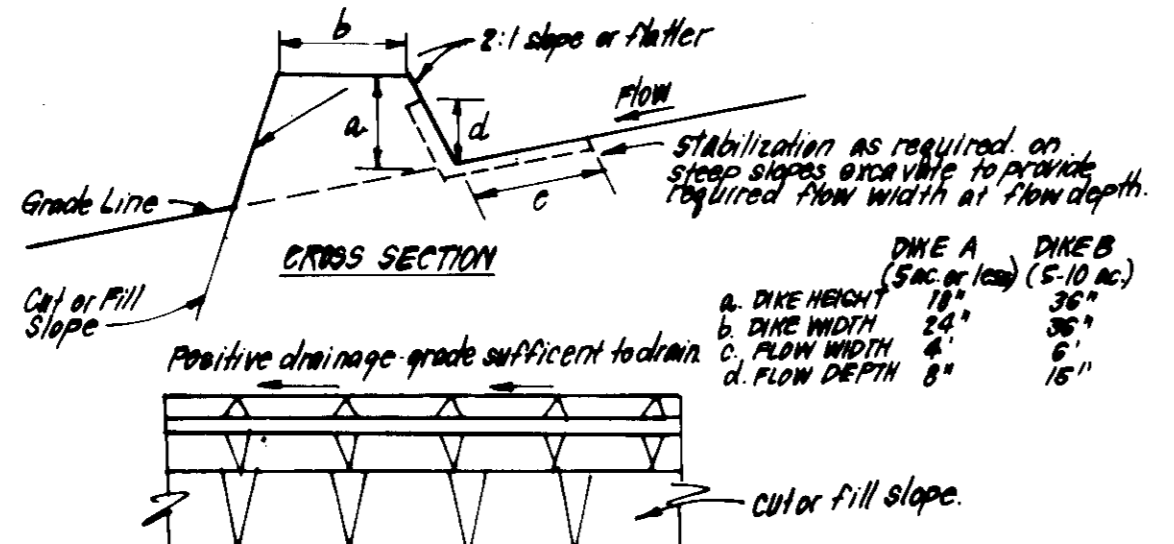
STONE OUTLET SEDIMENT TRAP (S.O.S.T.) STV
NO SCALE

Reviewed for... HOWARD S.C.D.
 and meets Technical Requirements
 Signature: [Signature] Date: 2/22/85
 U.S. Soil Conservation Service

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-3-84
[Signature]

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.
 APPROVED: [Signature] DATE: 2/22/85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 2-27-85
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 3-4-85
 CHIEF DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION: [Signature] DATE: 3-7-85
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 2-26-85
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 2-26-85



- 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.
 - Field location should be adjusted as needed to utilize a stabilized safe outlet.
 - Earth dikes shall have an outlet that functions with a min. of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or stabilization basin where either the dike or the drainage grade above the dike are not adequately stabilized.
 - Stabilization shall be: (A) in accordance with the standards and specs for Seed and Straw Mulch if not in seeding season (B) flow channel as per Chart shown at right.

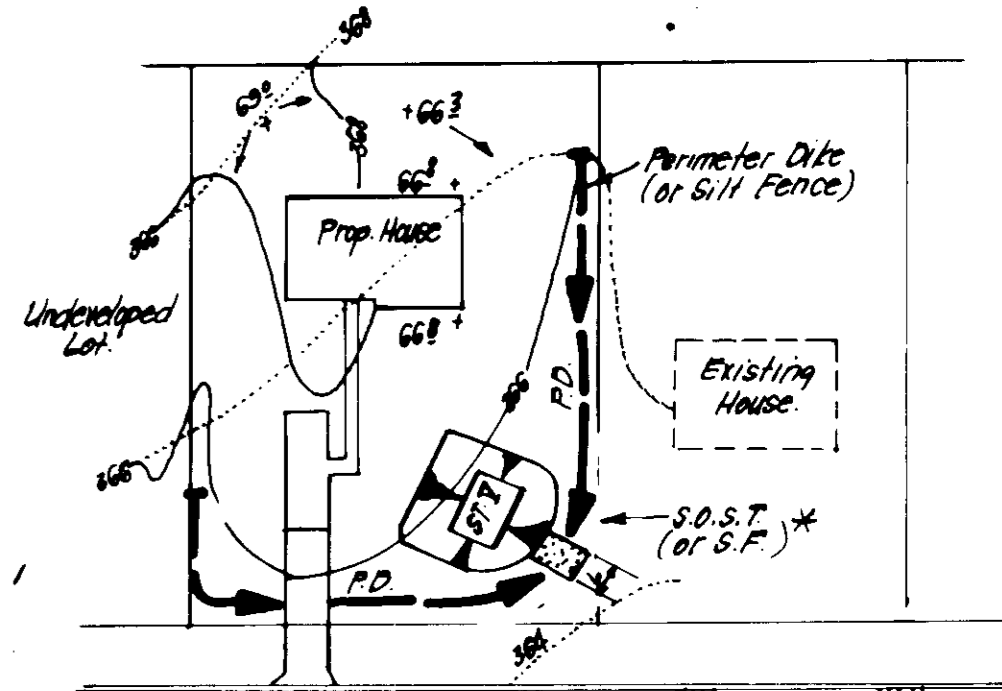
EARTH DIKE DETAIL (ED)
NO SCALE

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/ (Lime or Excelsior) Sod; 2" Stone
3	5.1-8.0%	Seed w/ (Lime or Excelsior) Sod; 2" Stone	Lined Rip Rap 4"-8" Stone
4	8.1-20.0%	Lined Rip Rap 4"-8" Stone	Engineering Design

- Stone to be 2" Stone or recycled concrete equivalent, in a layer at least 3" thick and be pressed into soil with construction equipment.
- Rip Rap to be 4"-8" in a layer at least 8" thick, pressed into soil.
- Approved equivalents can be substituted for any of the above materials.
- Periodic inspection and Required Maintenance must be provided after each rain.

DEVELOPER/CONTRACTOR'S CERTIFICATE
 I hereby certify that all development and construction will be done according to this plan of details, text 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.
 Paul Montgomery
 Signature of Developer/Contractor
 11-5-84
 Date



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

NO.	DIKE TYPE	LENGTH	WIDTH	AREA
1	DIKE A	100'	4'	400' L.P.
2	DIKE B	100'	4'	400' L.P.
3	DIKE C	100'	4'	400' L.P.
4	DIKE D	100'	4'	400' L.P.
5	DIKE E	100'	4'	400' L.P.
6	DIKE F	100'	4'	400' L.P.
7	DIKE G	100'	4'	400' L.P.
8	DIKE H	100'	4'	400' L.P.
9	DIKE I	100'	4'	400' L.P.
10	DIKE J	100'	4'	400' L.P.
11	DIKE K	100'	4'	400' L.P.
12	DIKE L	100'	4'	400' L.P.
13	DIKE M	100'	4'	400' L.P.
14	DIKE N	100'	4'	400' L.P.
15	DIKE O	100'	4'	400' L.P.
16	DIKE P	100'	4'	400' L.P.
17	DIKE Q	100'	4'	400' L.P.
18	DIKE R	100'	4'	400' L.P.
19	DIKE S	100'	4'	400' L.P.
20	DIKE T	100'	4'	400' L.P.

APPROVED: DEPARTMENT OF PUBLIC WORKS
 Chief, Bureau of Engineering: _____ Date: _____
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Chief, Division of Land Development & Zoning Administration: _____ Date: _____

ENGINEERS' 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: 11-5-84

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

DESIGNED: RP
 DRAWN: VHL
 CHECKED: RP
 DATE: Nov, 1984

SCALE: As Shown
 DRAWING: 7 of 7
 JOB NO.: 84-125
 FILE NO.: 84-1255E

For: DIVERSIFIED HOUSING CORPORATION
 Suite 211 American City Building
 Columbia, Maryland 21045