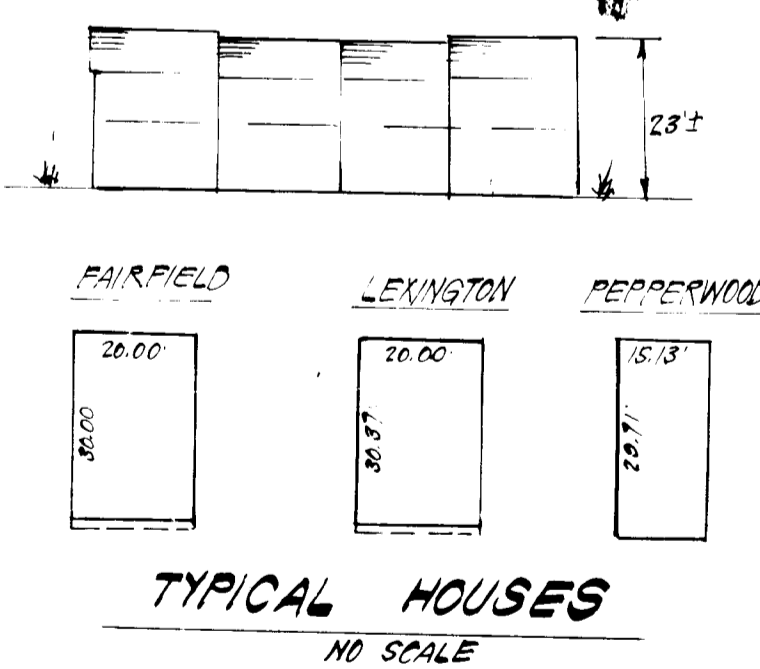
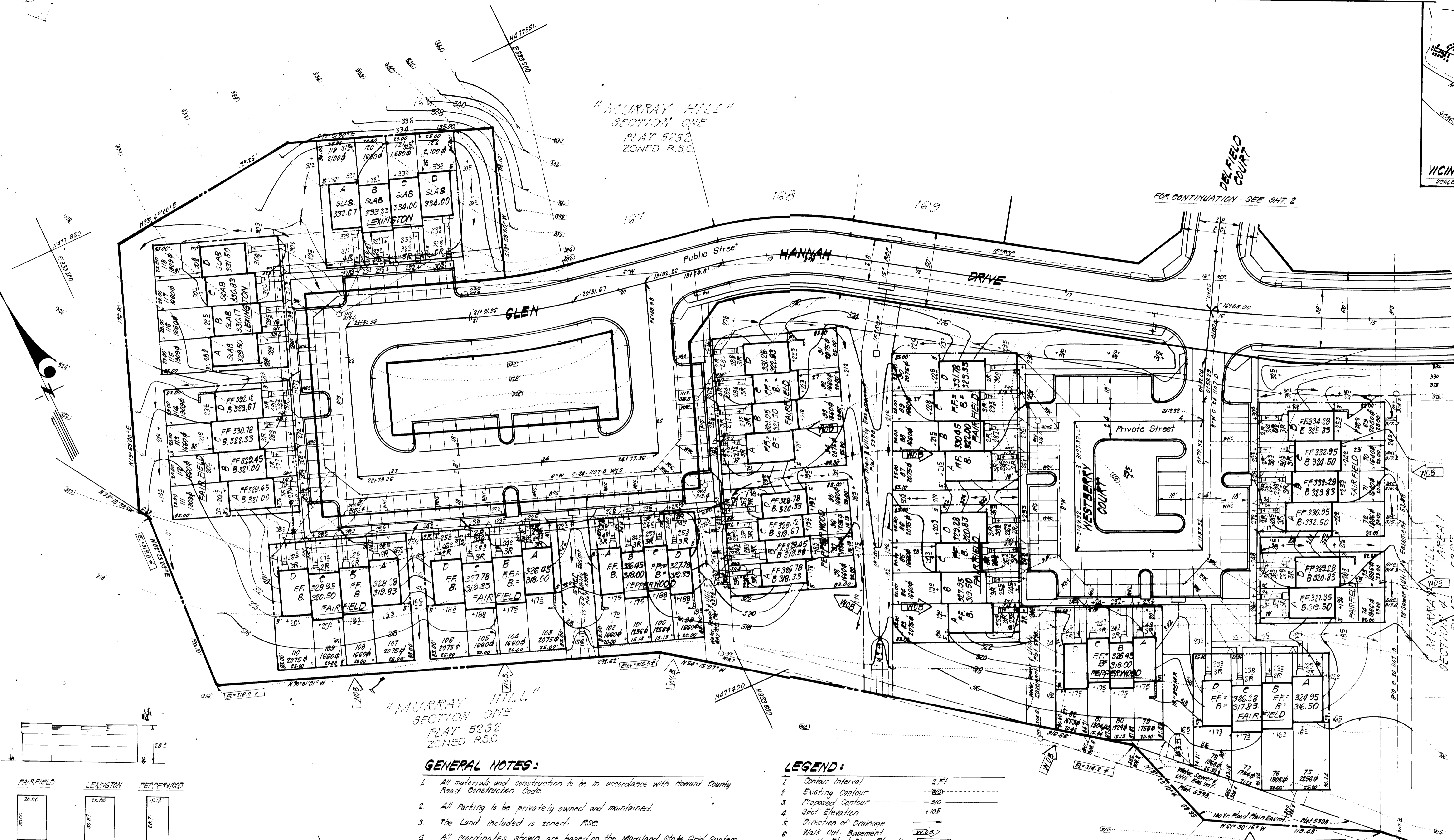


"MURRAY HILL"
SECTION ONE
PLAT 5232
ZONED R.S.C.



"MURRAY HILL"
SECTION ONE
PLAT 5232
ZONED R.S.C.

GENERAL NOTES:

- All materials and construction to be in accordance with Howard County Road Construction Code.
- All parking to be privately owned and maintained.
- The Land included is zoned: R.S.C.
- All coordinates shown are based on the Maryland State Grid System.
- The area covered is located on Tax Map #46, Parcel #3
- The total area included in this plan is 6.531 Acres.
- Any damage to county owned rights of way shall be corrected at the developer's expense.
- Number of Parking Spaces: Required: 180 Provided: 188
- Number of Units shown: 90
- Maximum Building Coverage is 40%
Pepperwood - 512' - 4" = 1297.5' Min Lot size
Fairfield - 540' - 4" = 1550' Min Lot size
Lexington - 536.6' - 4" = 1566.5' Min Lot size
Pepperwood (Types B9c) - 40'

LEGEND:

- Contour Interval 2'±
- Existing Contour - - - - -
- Proposed Contour - - - - -
- Spot Elevation +105
- Direction of Drainage →
- Walk Out Basement
- 100 Yr Flood Plain Elevation EL=311.6'

NOTES: Public Water/Sewer shown for Reference Only.
For more detailed information - see water & sewer plans - Contract No. 0-24-1107-D W/S
See Road Construction Plans for Installation of Public Utilities F-83-64.

Owner/Developer:
Brantly Development Corp.
5501 Twin Knolls Rd.
Col., Md. 21045

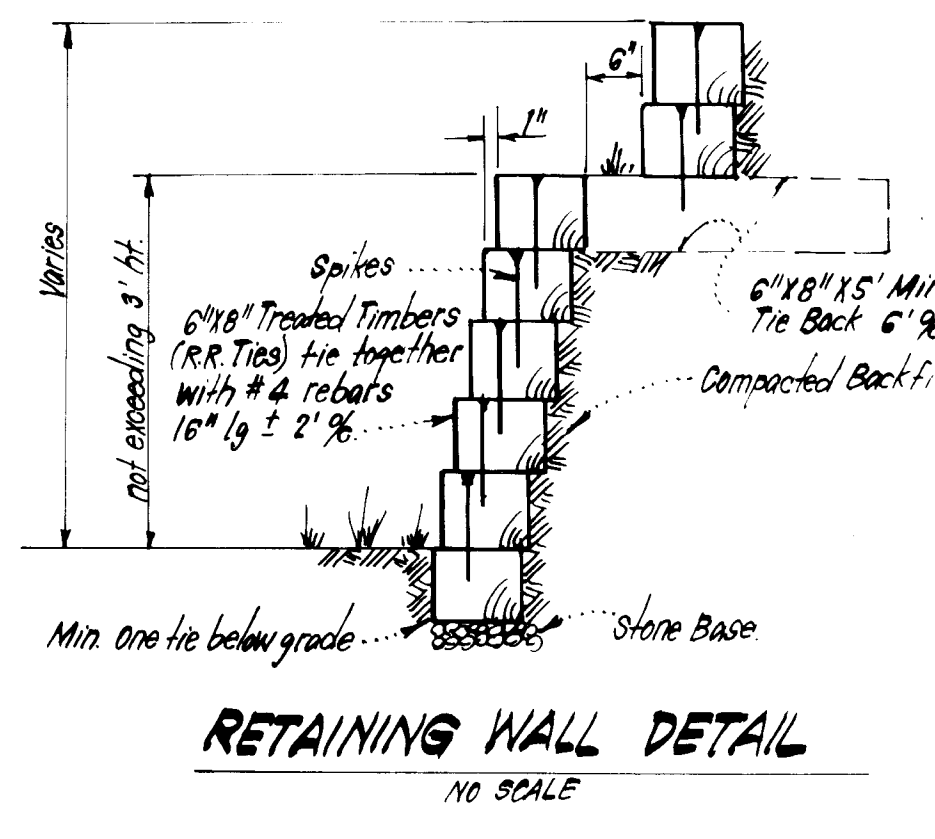
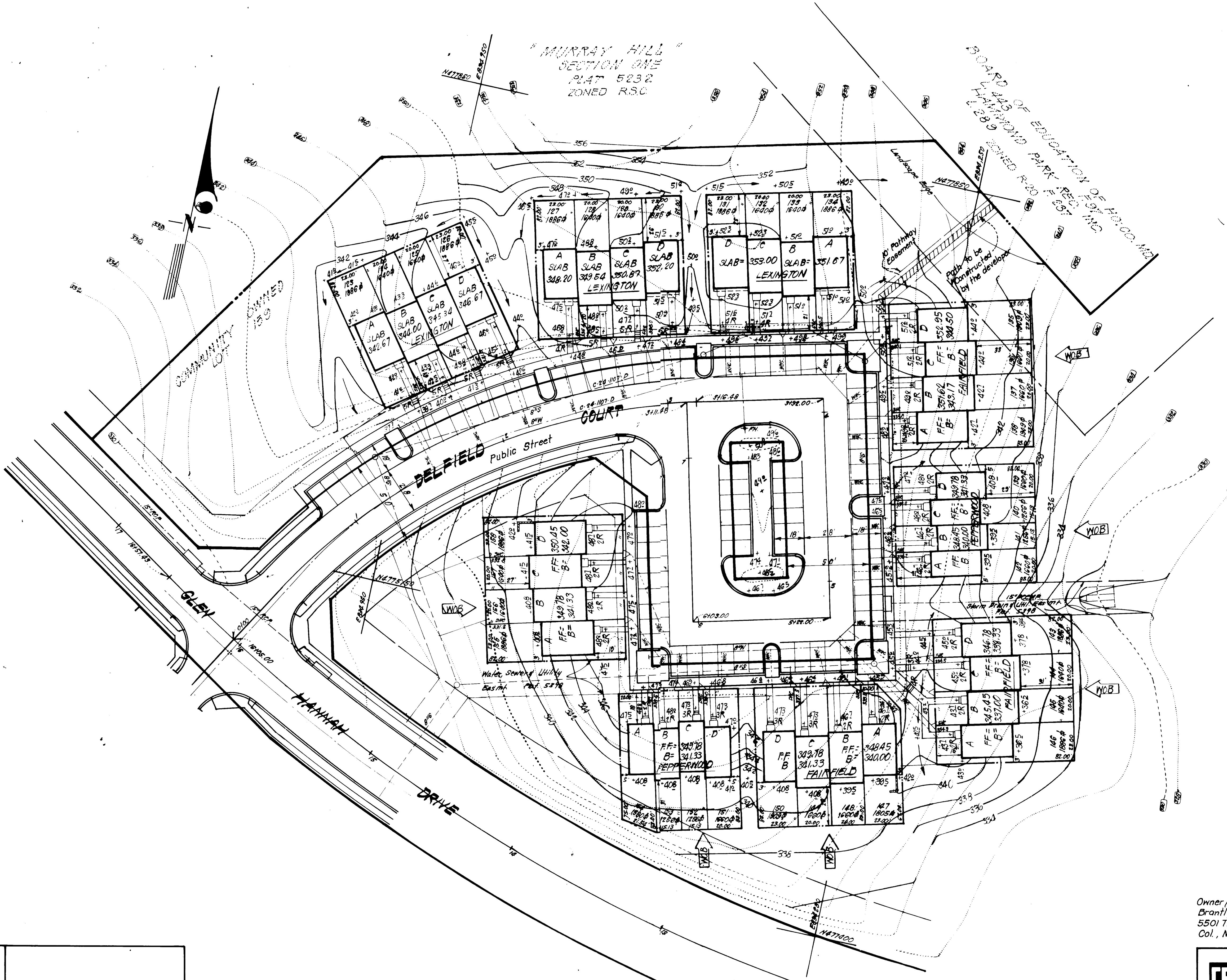
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
JOHN POLICE 9-20-83
COUNTY HEALTH OFFICER DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
THOMAS HANDEL 9-22-83
PLANNING DIRECTOR DATE
CHIEF DIVISION OF LAND DEVELOPMENT/ZONING ADMIN. DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
WILLIAM F. NEMMAY 9-13-83
DIRECTOR DATE
CHIEF BUREAU OF ENGINEERING 9-13-83

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 8-16-83

SUBDIVISION NAME MURRAY HILL		SECT./AREA 4/1	LOT/PARCEL # 3
PLAT # OR LIF 5398 & 5399	BLOCK # 6	ZONE R.S.C.	TAX/ZONE MAP ELEC. DIST. CENSUS TR. 4G G/L 60G2
WATER CODE E-17		SEWER CODE 7550000	

DESIGNED JBS		SCALE 1"=30'
DRAWN K/JW		
CHECKED DBS		DRAWING 1057
DATE 7.15.83		
SITE DEVELOPMENT PLAN LOTS 69 THRU 158 MURRAY HILL SECTION 4 AREA 1 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: RYAN HOMES INC 3811 Mallard Dr Laurel, Md 20601		
JOB NO 83-148		FILE NO 83-148-X

LOT No.	STREET ADDRESS
69	Glen Hannah Drive
70	10663
71	10665
72	10667
73	10671
74	10673
75	10677
76	10679
77	10681
78	10683
79	10687
80	10689
81	10691
82	10693
83	10697
84	10699
85	10701
86	10703
87	10707
88	10709
89	10711
90	10713
91	10717
92	10719
93	10721
94	10723
95	10727
96	10729
97	10731
98	10733
99	10737
100	10739
101	10741
102	10743
103	10747
104	10749
105	10751
106	10753
107	10757
108	10759
109	10761
110	10763
111	10767
112	10769
113	10771
114	10773
115	10777
116	10779
117	10781
118	10783
119	10780
120	10778
121	10776
122	10774 Glen Hannah Drive
123	10601 Delfield Court
124	10603
125	10605
126	10607
127	10611
128	10613
129	10615
130	10617
131	10621
132	10623
133	10625
134	10627
135	10631
136	10633
137	10635
138	10637
139	10641
140	10643
141	10645
142	10647
143	10639
144	10636
145	10634
146	10632
147	10628
148	10626
149	10624
150	10622
151	10618
152	10616
153	10614
154	10612
155	10608
156	10606
157	10604
158	10602 Delfield Court



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

[Signature] 9-20-83
COUNTY HEALTH OFFICER DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE 9-22-83

[Signature] 9-21-83
CHIEF DIVISION OF LAND DEVELOPMENT/ZONING ADMIN. DATE

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

[Signature] 9-17-83
DIRECTOR DATE

[Signature] 9-15-83
CHIEF BUREAU OF ENGINEERING DATE

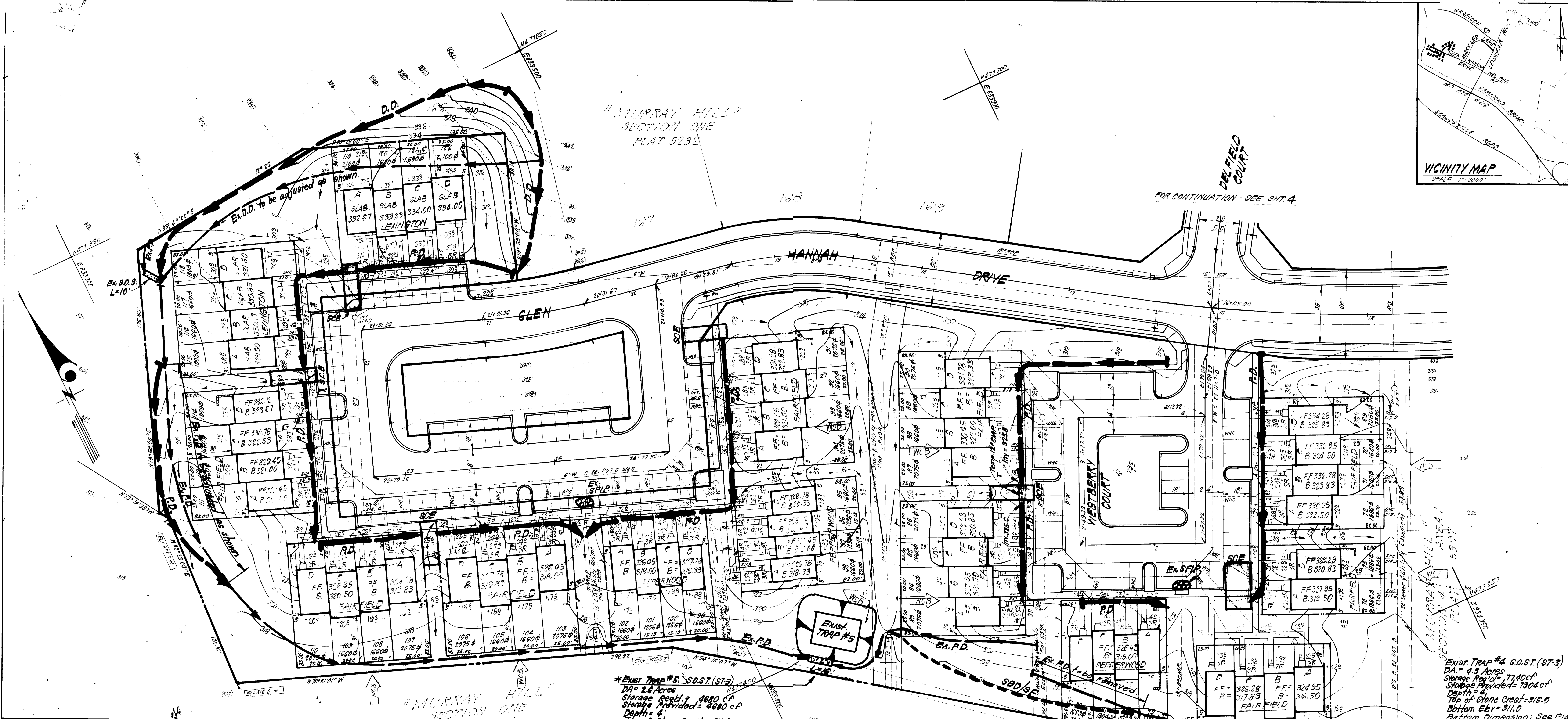
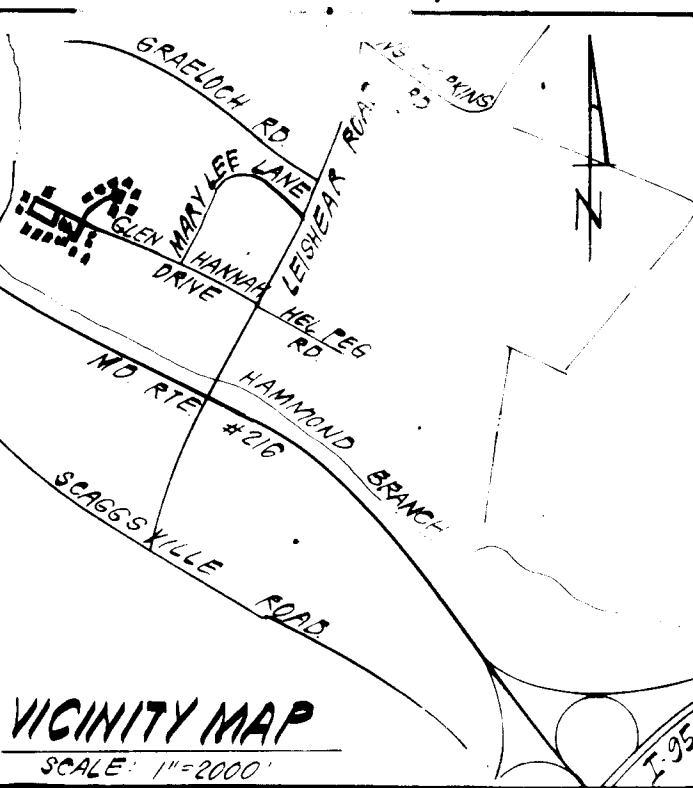
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 8-16-83
[Signature]

Owner/Developer:
Brantly Development Corp.
5501 Twin Knolls Rd.
Col., Md. 21045

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

DESIGNED	PBS	SITE DEVELOPMENT PLAN LOTS 69 THRU 158	SCALE
DRAWN	K/W	MURRAY HILL	1"=30'
CHECKED	PBS	SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 2057
DATE	FOR:	RYAN HOMES, INC. 9811 Mallard Drive Lutzel, Md 20811	JOB NO. 83048
7-15-83			FILE NO. 83048-X

[Signature]



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
ATF 8-16-83
AA

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
9-21-83
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
9-22-83
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
9-13-83
9-15-83

Reviewed for HOWARD COUNTY S.C.D.
Name: *James M. Nelson*
Date: *9/16/83*
Signature: *James M. Nelson*
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.
Approved: *James M. Nelson* 9-16-83
Date

- LEGEND:**
1. Perimeter Dike → P.D.
 2. Existing Perimeter Dike → Ex. P.D.
 3. Diversion Dike → D.D.
 4. Existing Diversion Dike → Ex. D.D.
 5. Existing stone filter inlet protection → Ex. SFIP
 6. Straw Bale Dike or Silt Fence → SBD/SF
 7. Stone Construction Entrance → SOE
 8. Sediment Trap → ST
 9. Existing Sediment Trap → Ex. ST

DEVELOPER'S/BUILDER'S CERTIFICATE
I certify that all development and construction will be done
in accordance with this plan of development and plan for erosion and sediment
control. I also authorize the construction of all structures and facilities shown
on this plan. I have a Certificate of Attendance at a Dept. of Natural
Resources Approved Training Program for the Control of Sediment and
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: *Larry Loufiter*
Date: 7-18-83

- LEGEND:**
1. Contour Interval → 2' (1")
 2. Existing Contour → 100'
 3. Proposed Contour → 110'
 4. Spot Elevation → 110.5
 5. Direction of Drainage →
 6. Walk Out Basement →
 7. 100 Yr. Flood Plain Elevation → EL. 315.5'

NOTES: Public Water & Sewer shown for Reference Only.
For more detailed information See Water &
Sewer plans Contract No. 0-22-11070 W&S
See Road Construction Plans for Installation
of Public Utilities F-83-64.



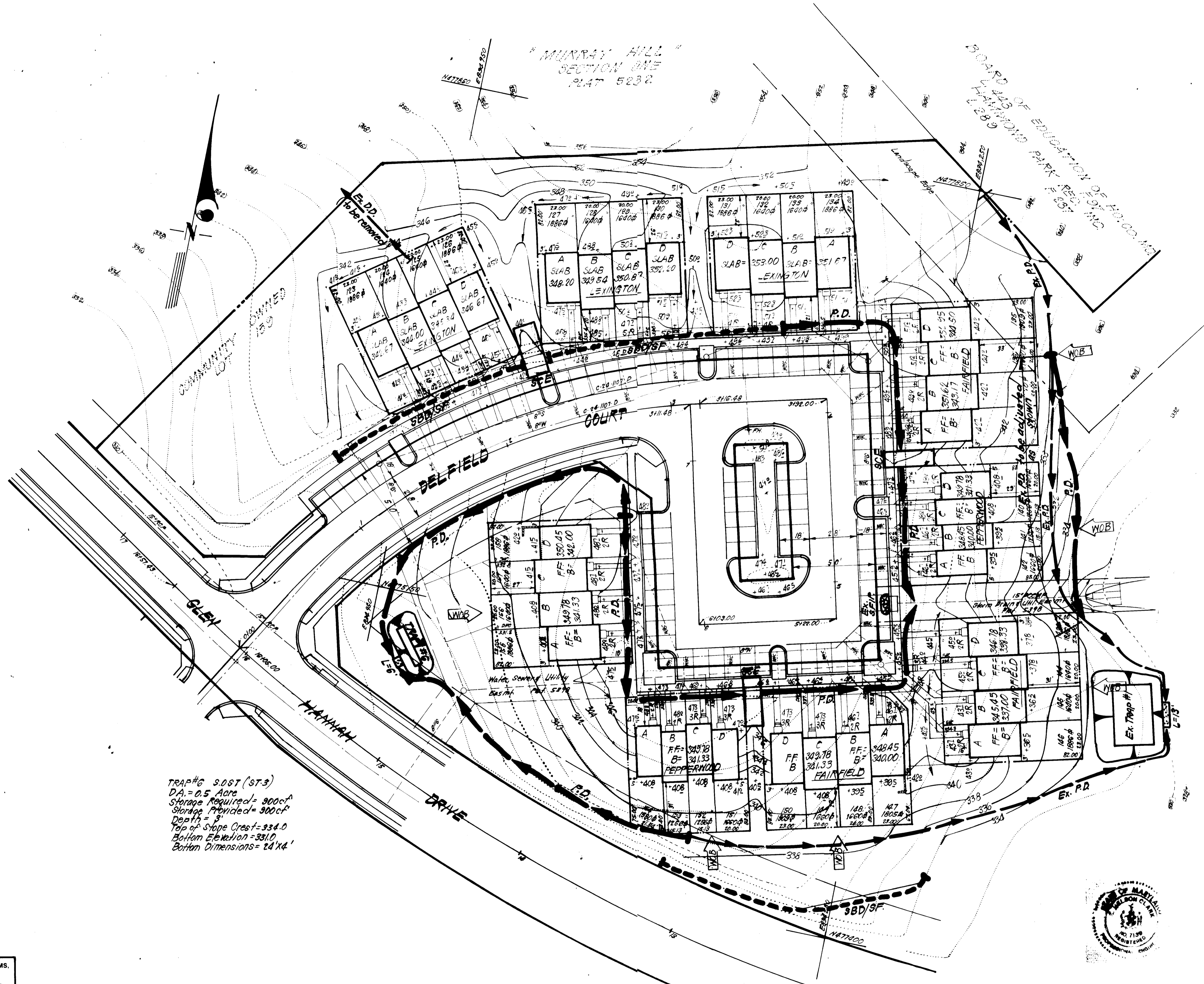
ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and
Sediment Control represents a practical and workable
plan based on my original knowledge of the site
conditions and that it was prepared in accordance
with the requirements of the Howard Soil Conservation
District.
Signature: *Clark, Finerock & Sackett*
Date: 7-18-83

PLAT 5231
Owner/Developer:
Brantly Development Corp.
5501 Twin Knolls Rd.
Col., Md. 21045

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LUK WOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 544-1400

DESIGNED JLS	SEDIMENT EROSION CONTROL PLAN LOTS 69 THRU 159 MURRAY HILL SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: RYAN HOMES INC 9811 Mallard Dr. Laurel, Md 20811	SCALE 1"=30'
DRAWN K.J.W.		DRAWING SD-7
CHECKED JLS		JOB NO. 83-48
DATE 7.15.83		FILE NO. 88-086-SE

MURRAY HILL
SECTION ONE
247 5292



TRAP #6 S.D.S.T. (S.F.3)
DA = 0.5 Acre
Storage Required = 800cf
Storage Provided = 300cf
Depth = 3'
Top of Stone Crest = 331.0
Bottom Elevation = 328.0
Bottom Dimensions = 24' x 24'

Ex. Trap #1 S.D.S.T. (S.F.3)
DA = 2.1 Acres
Storage Required = 1,870cf
Storage Provided = 3700cf
Depth = 3'
Top of Stone Crest = 331.0
Bottom Elevation = 328.0
Bottom Dimensions = 36' x 24'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 8-16-83

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 9-22-83

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

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 9-13-83

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 9-13-83

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 9-13-83

Reviewed for... HOWARD... S.C.D.
Name
and meets Technical Requirements
Signature
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.
Signature
Date 9-9-83

Builders 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 7-18-83



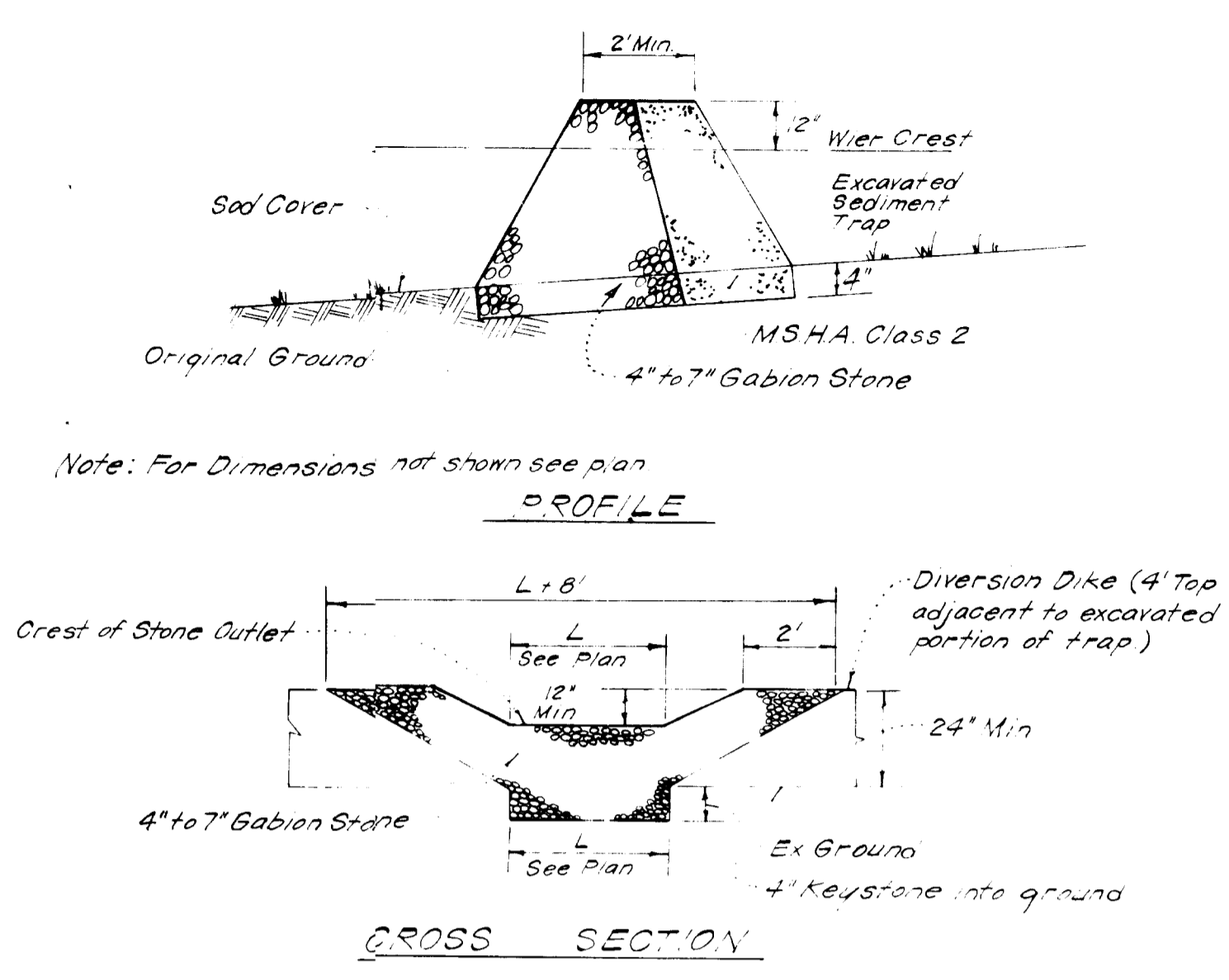
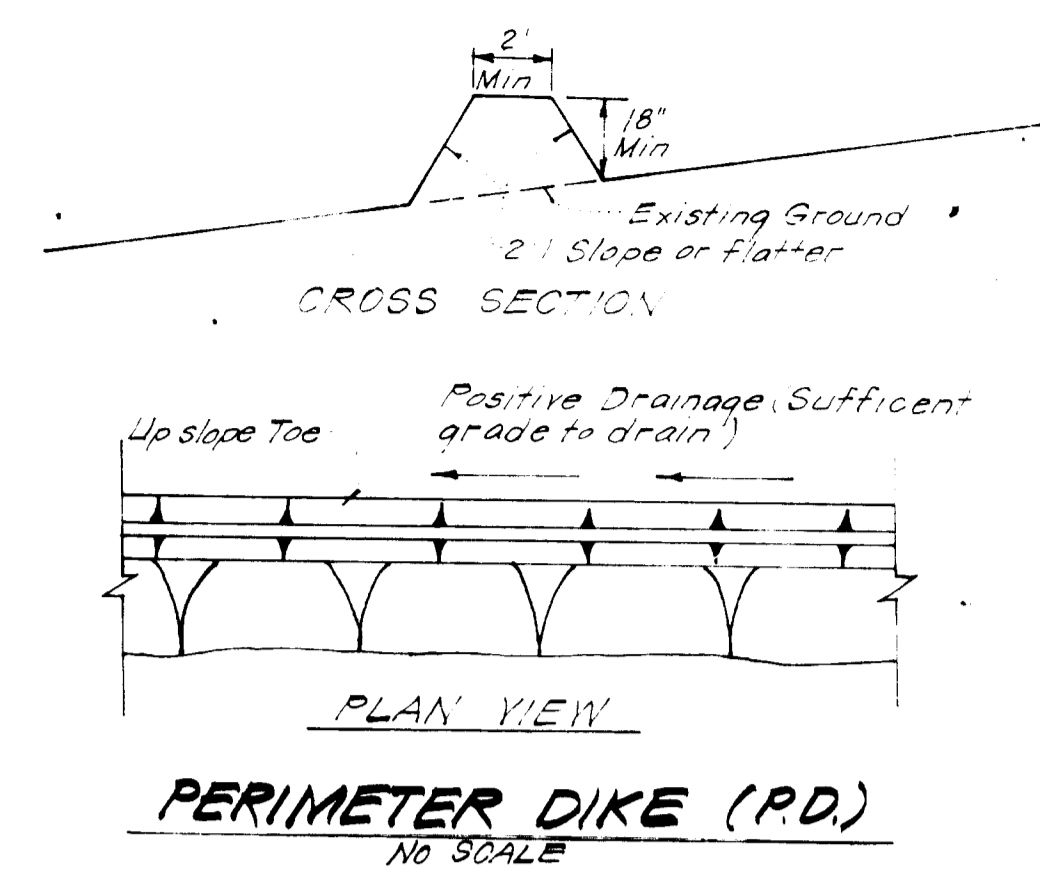
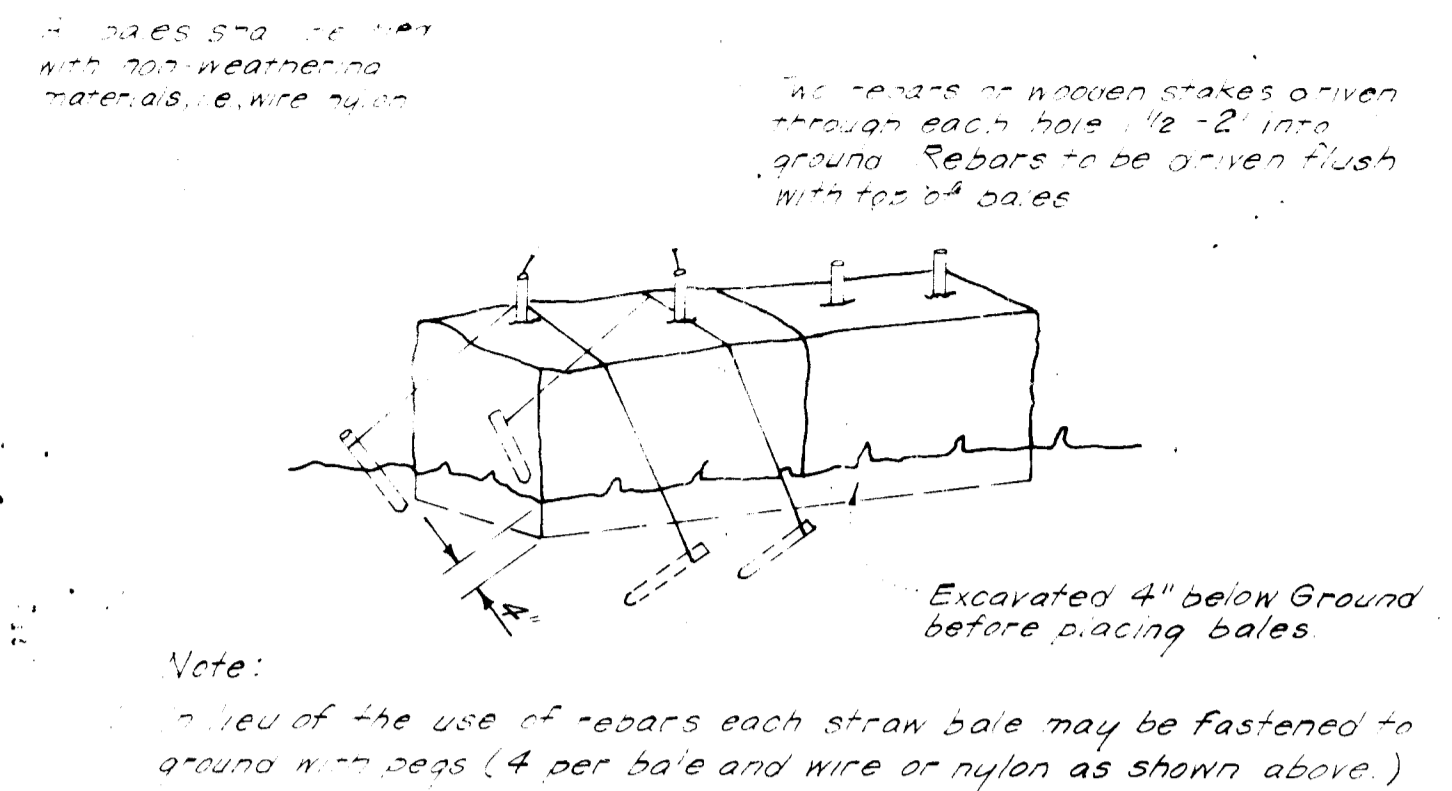
ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
Signature
Date 7-18-83

Owner/Developer:
Brantley Development Corp.
5501 Twin Knolls Rd.
Col., Md. 21045

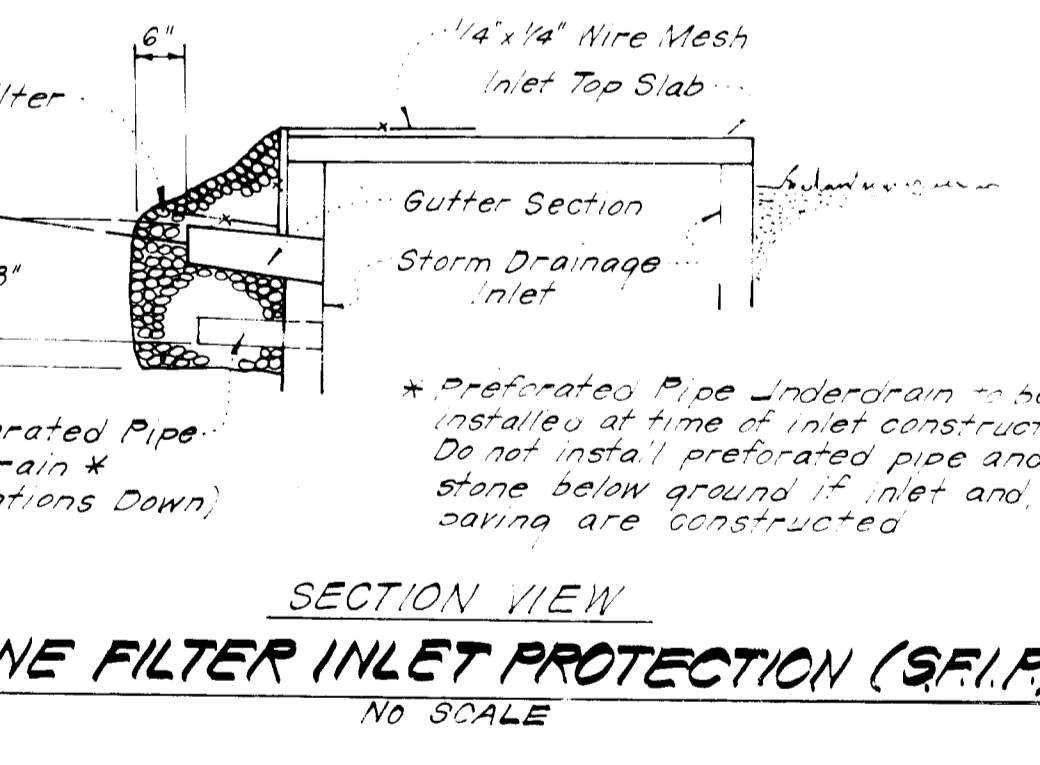
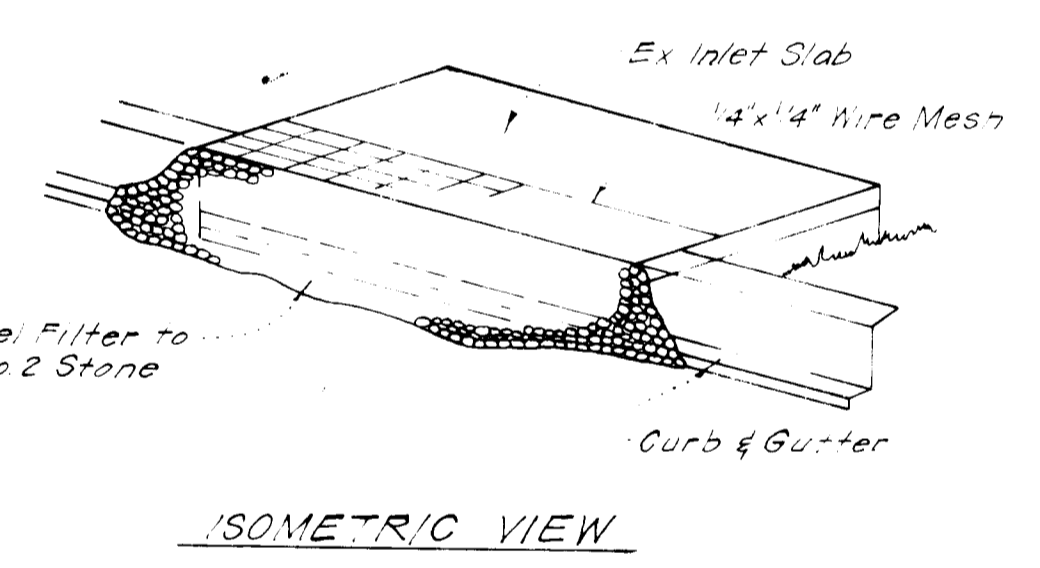
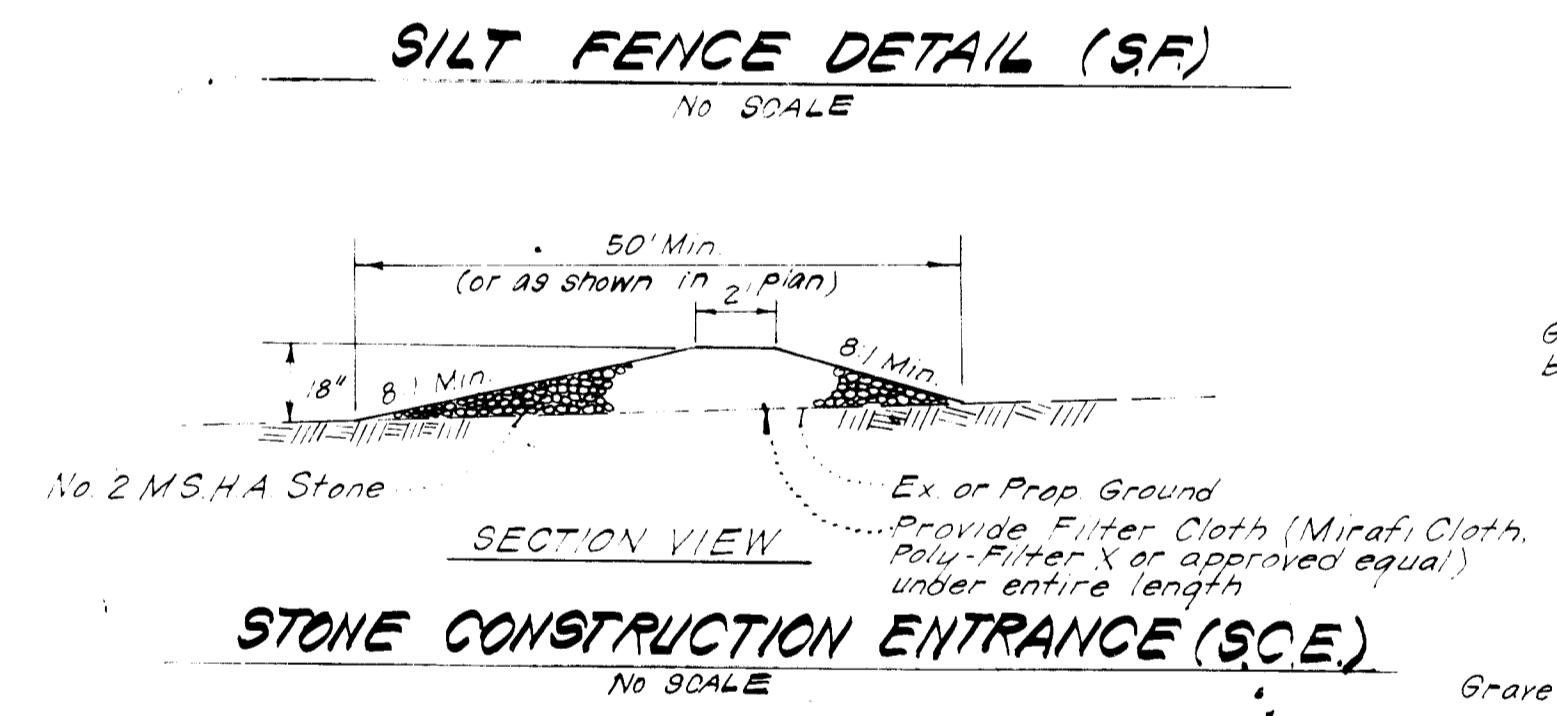
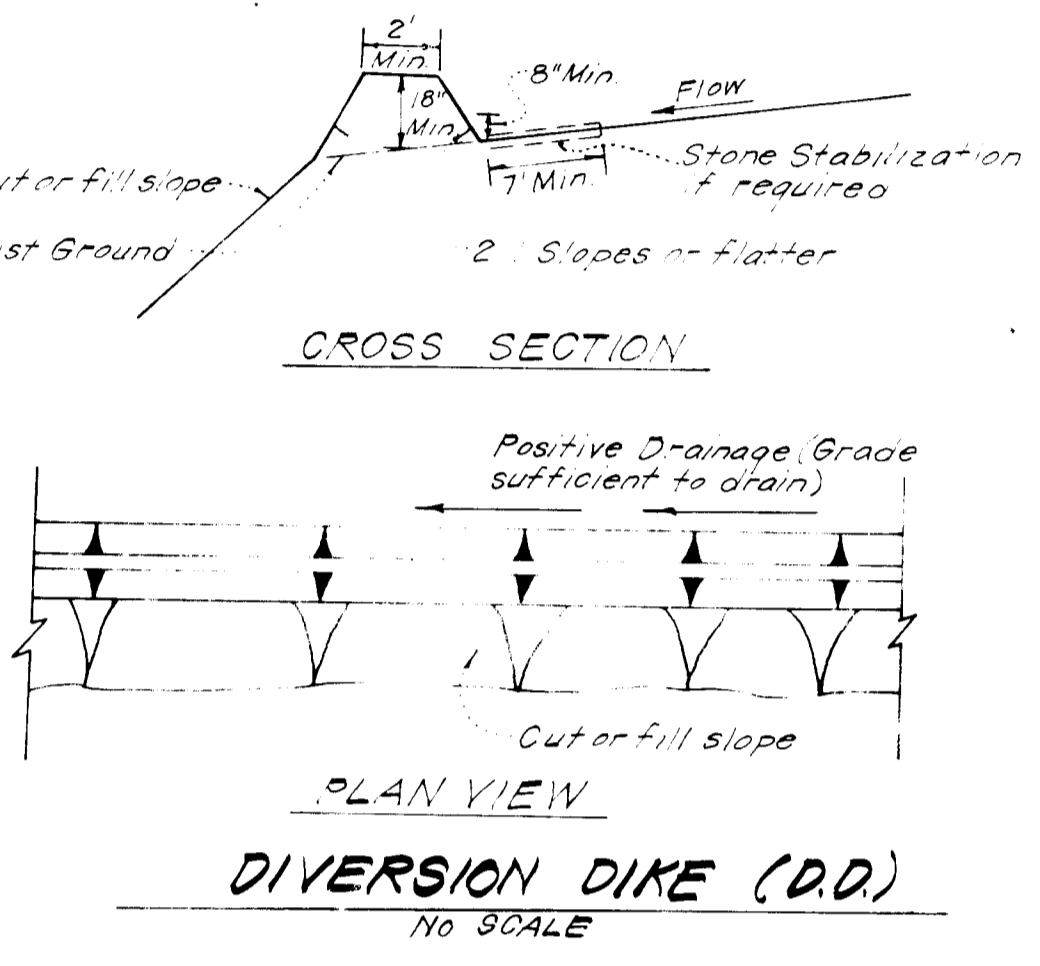
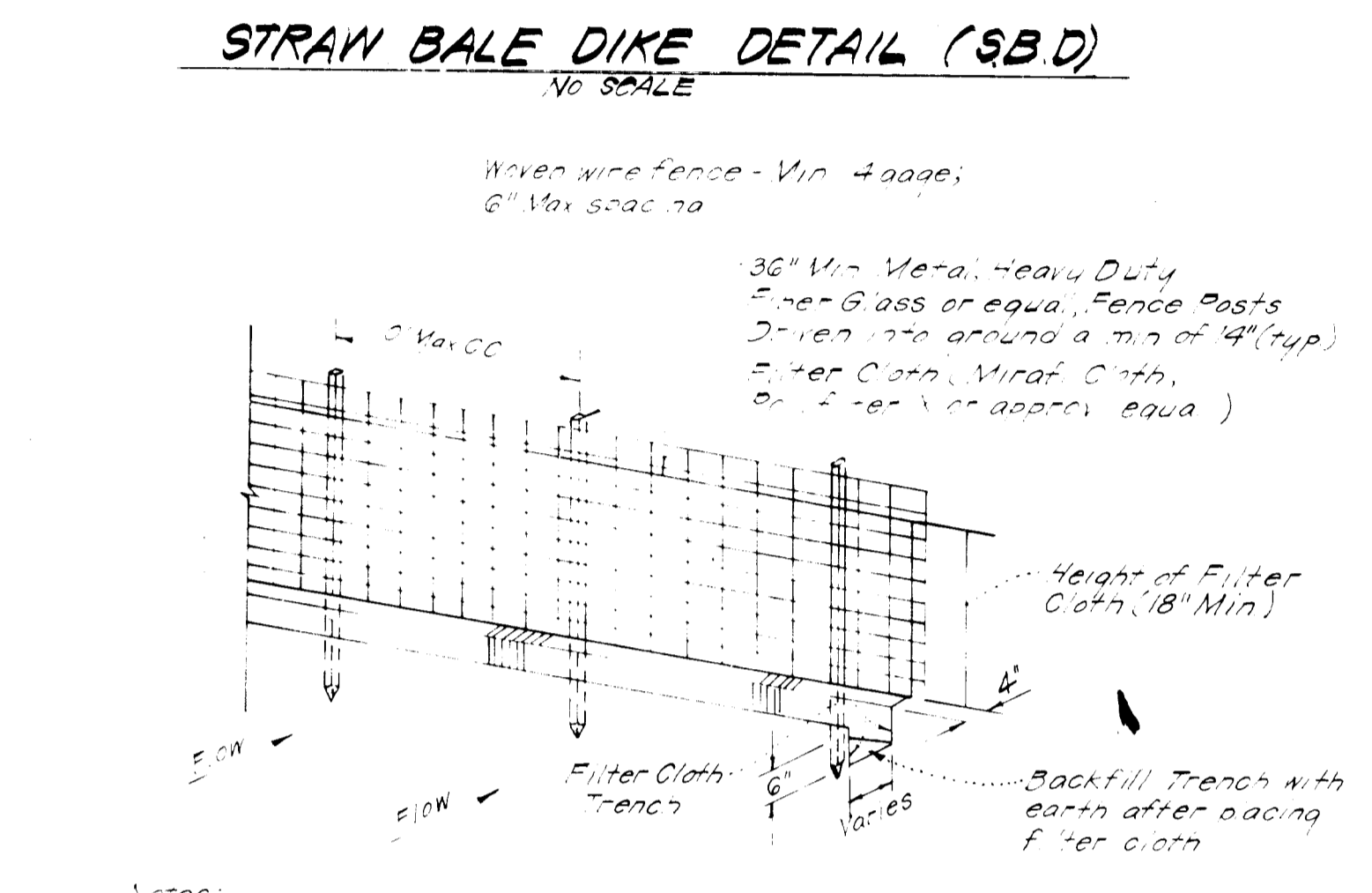
CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 1131 FLOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-1111		
DESIGNED	JLS	SCALE
DRAWN	KJM	1" = 40'
CHECKED	JLS	DATE
DATE	7-15-83	FILE
SEDIMENT & EROSION CONTROL PLAN MURRAY HILL SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: RYAN HOMES, INC. 3811 Mallard Drive Laurel, Md. 20811		
JOB NO. 83-04		

GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be applied at a rate of 1/4 lbs/1000 sf
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions
- Stabilization of Disturbed ground to be done as soon after construction as possible
- All disturbed area to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual ryegrass
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf Ground Agricultural Lime or Dolomitic Lime applied at a rate of 20 lbs/1000 sf
 - Mulch - Weed free grain straw applied at a rate of 70-80 lbs/1000 sf Mulch shall be secured to the ground by any approved method (e.g. asphalt tacks, chemical binder etc)
 - All Seed used shall be Maryland State Certified
- 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 planned 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 etc 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 from this site
- All pipes to be blocked at the end of each day. See detail this sheet (Not Required)
- Total Amount of Straw Bales or Silt Fence shown = **605** =
- SITE ANALYSIS:**
 - Total Area: **6.531** Acres
 - Area to be Roofed: **1.184** Acres
 - Area to be Paved: **0.185** Acres
 - Area to be Seeded: **5.162** Acres
 - Area Undisturbed: **None** Acres
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6
- It will be the builder's responsibility to maintain existing sediment controls in a functioning condition.



- Notes:
- Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown in plan
 - Stone Outlet to be constructed through diversion dike adjacent to excavate



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

John Brown 9-21-83
COUNTY HEALTH OFFICER

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING

Donald Hamer 9-22-83
PLANNING DIRECTOR

Will Miller 9-21-83
CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

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

John F. Nunn 9-13-83
DIRECTOR

Will Miller 9-21-83
CHIEF BUREAU OF ENGINEERING

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE **8-16-83**

Reviewed for *Houser* S.E.D. Name
and meets Technical Requirements
James M. Nelson 7/17/83
Signature Date
U.S. Soil Conservation Service

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

Henry Wang 9-28-83
Approved Date

ENGINEER'S CERTIFICATE

"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 for the Control of Sedimentation Approved Training Program for the Control of Sedimentation before beginning the project. I also authorize periodic or special inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Larry Luffler 7-18-83
Signature of Developer/Builder Date

SEAL OF MARYLAND ENGINEERS AND SURVEYORS

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control is a true and correct copy of the original and that it was prepared in accordance with the requirements of the Maryland Soil Conservation Act.

G. Harold Clark 7-18-83
Date

Owner/Developer:
Brantly Development Corp.
5501 Twin Knolls Rd.
Col, Md. 21045

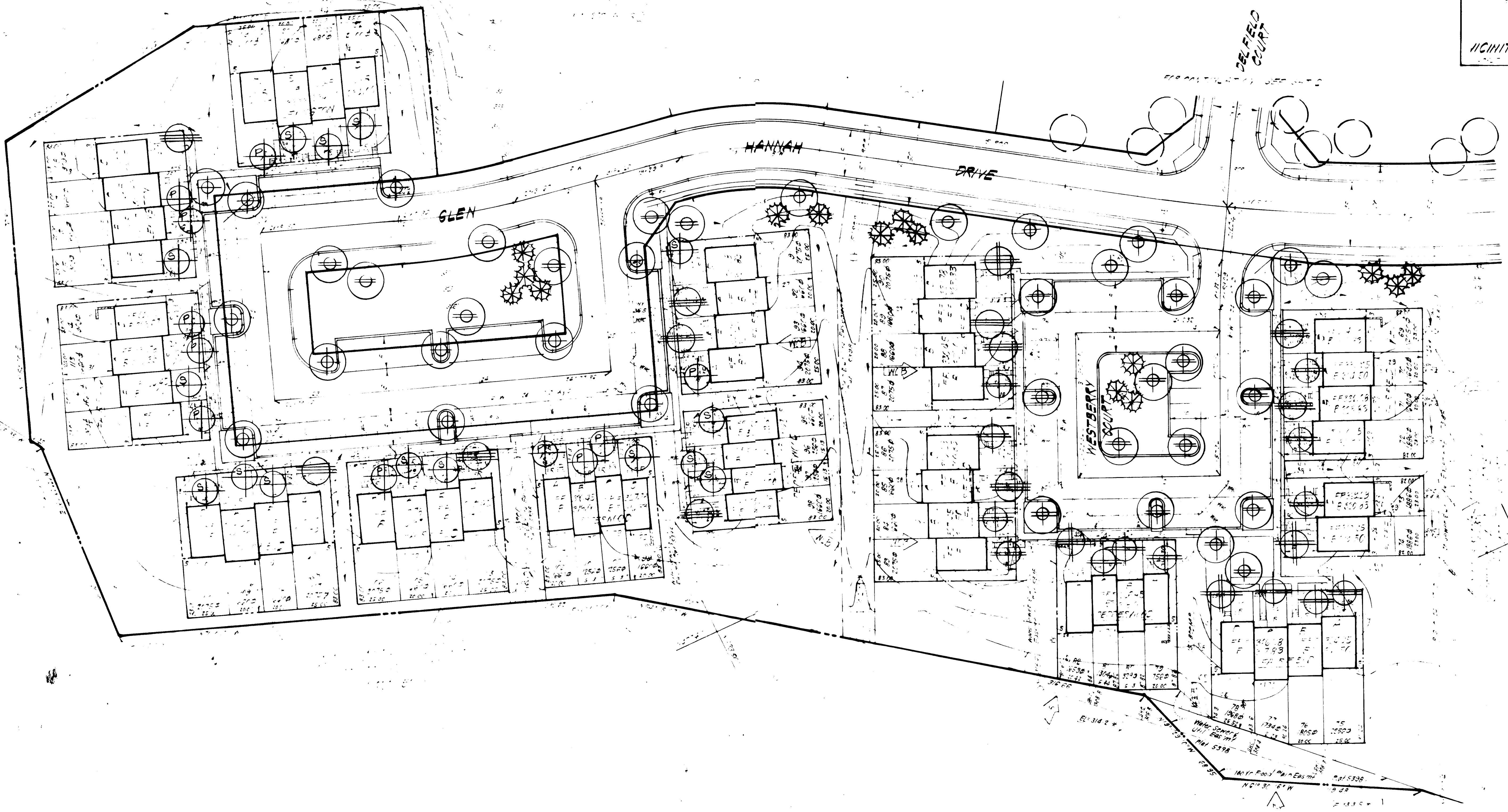
CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LOCKWOOD DRIVE, COLLEGE PARK, MARYLAND 20744

DESIGNED	JLS	SEDIMENT & EROSION CONTROL PLAN	SCALE	As Shown
DRAWN	KIW	LOTS 60 THRU 158	DRAWING	50F 7
CHECKED	JLS	MURRAY HILL	JOB NO.	83-048
DATE	7-15-83	SECTION 2 AREA 1	FILE NO.	83-048-5E
		6TH ELECTION DISTRICT		
		HOWARD COUNTY, MARYLAND		
		FOR: RYAN HOMES, INC.		
		3811 Malard Dr.		
		LAUREL, MD. 20881		

SDP-84-24

VICINITY MAP



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James Boyles 9-20-83
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
William A. Hanna 9-22-83
 PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
William A. Hanna 9-21-83
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nunn 9-17-83
 DIRECTOR DATE

CHIEF BUREAU OF PLANNING & ZONING
Michael A. ... 9-15-83
 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 8-16-83

James B. Sackett

Owner/Developer
 Branly Development Corp.
 5501 Twin Knolls Rd.
 Col., Md. 21045

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS <small>11315 LUX WARD DRIVE, LITTLE SPRING, MARYLAND, 21084</small>		SCALE 1" = 30' DRAWING 7 OF 7 JOB NO. 83-047 FILE NO. 83-047
DESIGNED	LANDSCAPE PLANTING PLAN	
DRAWN	LOTS 60 THRU 100	
CHECKED	MUPPET HILL	
DATE	SECTION 4 SPECIAL GOTH ELEC DISTRICT HOWARD COUNTY, MARYLAND POP: STAN HOMES INC. 2811 MALLARD DR LAUREL, MD 20811	
8-21-83	SDP-8424	