INDEX OF SHEETS

SHEET NO.	TITLE
1	KEY SHEET
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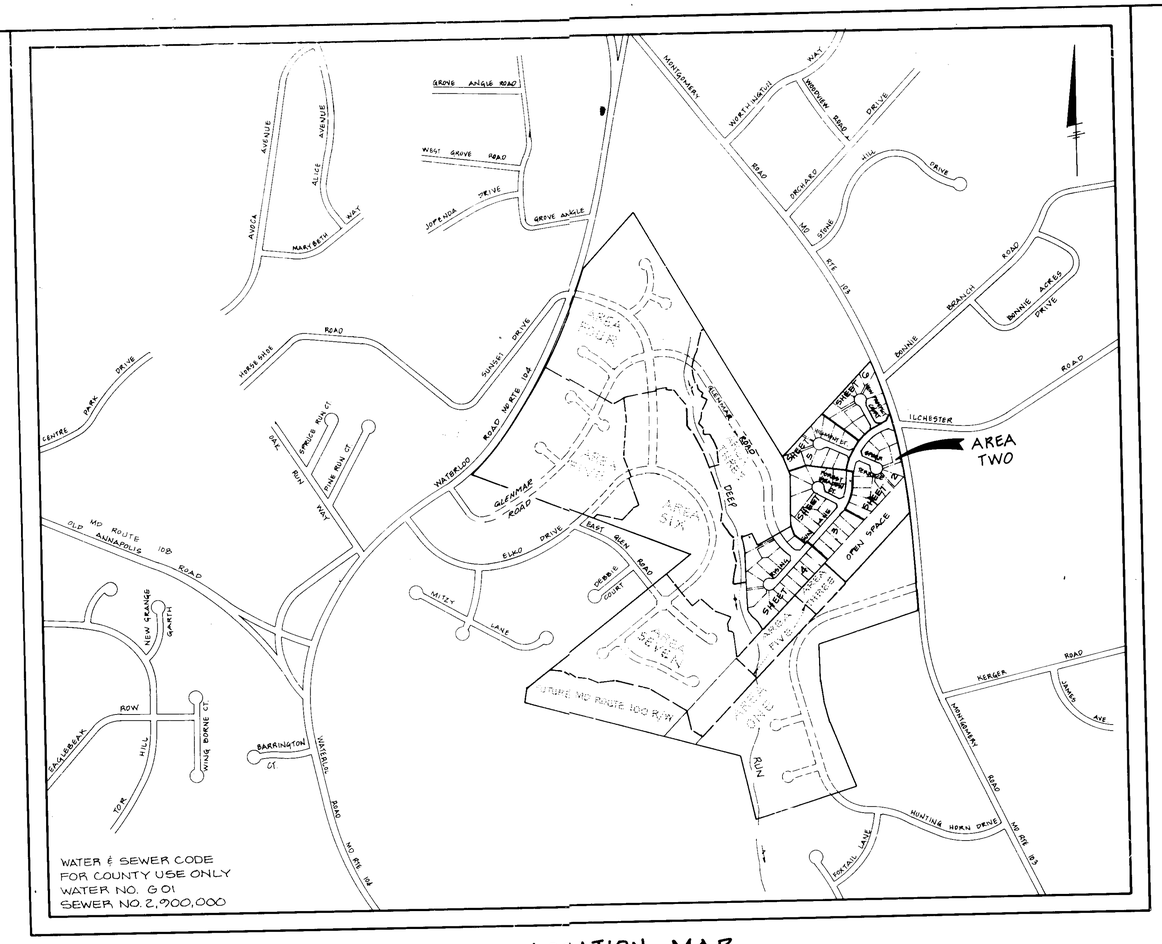
3	SITE DEVELOPMENT PLAN - LOTS 77 THRU 81 AND LOTS 100 THRU 111
4	SITE DEVELOPMENT PLAN - LOTS 82 THRU 98
5	SITE DEVELOPMENT PLAN - LOTS 112 THRU 117 AND LOTS 119 THRU 123
6	SITE DEVELOPMENT PLAN - LOTS 124 THRU 135
7	SEDIMENT CONTROL PLAN - LOTS 62 THRU 68 AND LOTS 70 THRU 76
8	SEDIMENT CONTROL PLAN - LOTS 77 THRU 81 AND LOTS 100 THRU 111
9	SEDIMENT CONTROL PLAN - LOTS 82 THRU 98
10	SEDIMENT CONTROL PLAN - LOTS 112 THRU 117 AND LOTS 119 THRU 123
11	SEDIMENT CONTROL PLAN - LOTS 124 THRU 135
12	NOTES AND DETAILS

WATER AND SEWER CODE FOR COUNTY USE ONLY
WATER NO. 901
SEWER NO. 2900000

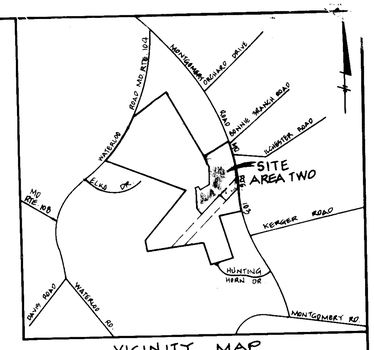
ADDRESS CHART
AREA TWO

LOT NO.	STREET ADDRESS
62	5201 RISING SUN LANE
63	5205 " "
64	5209 " "
65	5208 SPURR TERRACE
66	5209 " "
67	5213 " "
68	5217 " "
70	5208 " "
71	5204 " "
72	5217 RISING SUN LANE
73	5221 " "
74	5225 " "
75	5229 " "
76	5233 " "
77	5237 " "
78	5241 " "
79	5245 " "
80	5249 " "
81	5253 " "
82	5257 " "
83	5261 " "
84	5265 " "
85	5269 " "
86	5273 " "
87	5277 " "
88	5281 " "
89	O.S. " "
90	5280 " "
91	5276 " "
92	5272 " "
93	5268 " "
94	5264 RISING SUN LANE
95	8229 GLENMAR ROAD
96	8233 " "
97	8237 " "
98	8222 " "
99	8218 " "
100	5252 RISING SUN LANE
101	5248 " "
102	5244 " "
103	5240 " "
104	5207 FOREST MEADOW COURT
105	5211 " "
106	5215 " "
107	5214 " "
108	5210 " "
109	5206 " "
110	5232 RISING SUN LANE
111	5228 " "
112	5205 HILLMONT COURT
113	5209 " "
114	5213 " "
115	5217 " "
116	5221 " "
117	5225 " "
119	5220 " "
120	5216 " "
121	5212 " "
122	5208 " "
123	5204 " "
124	5212 RISING SUN LANE
125	5208 " "
126	5207 NEW PROSPECT COURT
127	5211 " "
128	5215 " "
129	5219 " "
130	5223 " "
131	5218 " "
132	5214 " "
133	5210 " "
134	5206 " "
135	5202 NEW PROSPECT COURT



WATER & SEWER CODE FOR COUNTY USE ONLY
WATER NO. 901
SEWER NO. 2,900,000

LOCATION MAP
SCALE 1"=600'



VICINITY MAP
SCALE 1"=2000'

GENERAL NOTES

1. Site Analysis:
   - A. Total Area of Lots: 31.65 AC±
   - B. Total Number of Lots: 71
   - C. Present Zoning: R-20 (Single Family/Detached)
   - D. Tax Map 31 Part of Parcel 423
   - E. Plat Reference:
2. Typical Minimum Building Set Backs
   - A. Front:
     1) Lots 20,000 s.f. and greater: 50'
     2) Lots less than 20,000 s.f.: 40'
   - B. Rear: 30'
   - C. Side: 10'
     1) Corner Lot: 30'
3. For typical house dimensions, house profiles, construction details, sediment control notes and specifications see sheet 12 of 12.
4. All work shown on these plans shall be done in accordance with Howard County Standards, Specifications and Details for Construction, Volume IV.
5. The contractor and/or the developer shall notify all utility companies 24 hours (minimum) prior to commencement of any work shown on these plans.
6. The contractor and/or the developer shall notify the Howard County Inspection/Surveys Division at least 3 days (72 hours) minimum prior to commencement of any work shown on these plans.
7. Any damage to existing public right-of-ways, existing paving, existing curb and gutter, existing utilities, etc. shall be corrected at the contractors expense.
8. The approximate location of existing utilities are shown for the contractors information and convenience. The contractor shall locate existing utilities to his own satisfaction and well advance of any construction activites. Additionally, the contractor shall take all necessary precautions to protect all existing utilities and maintain uninterrupted service.
9. The street trees shown on these plans are provided under F-88-244.
10. Storm water management for this site is provided under F-89-44.
11. Water and sewer systems shown on these plans are constructed under contract 14-1864-D.
12. REFER TO S-87-61, P-87-71 AND F-88-244 FOR OTHER PLAN APPROVALS
13. DECLARATION OF MAINTENANCE AGREEMENTS FOR USE IN COMMON ACCESS AREAS HAVE BEEN SUBMITTED FOR RECORD AND HAVE BEEN ISSUED THE FOLLOWING RECEIPT NUMBERS.

LOTS	RECEIPT #
96 + 97	856760
126 + 128	856940

MONTGOMERY MEADOWS
SECTION ONE AREA TWO
SITE DEVELOPMENT PLAN
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER
NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
(703)734-9730

DEVELOPER
Capital Homes
A Commitment to Quality
10200 GORMAN ROAD BALT.(301)792-2467
LAUREL, MARYLAND 20707 WASH.(301)953-0571

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4973 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

THOMAS L. WILEY, MD. REG. NO. 9273 — DATE 1-18-90

DEVELOPER'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 DEPARTMENT 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."

MICHAEL G. CLAY, CAPITAL HOMES INC. — DATE 1/10/90

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE — DATE 2-13-90

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

APPROVED:

HOWARD SOIL CONSERVATION DISTRICT — DATE 2/12/90

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

PLANNING DIRECTOR — DATE 4.30.90

CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT — DATE 4/5/90

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

HEALTH OFFICER — DATE 4-25-90

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, PUBLIC WORKS — DATE 4/17/90

CHIEF, BUREAU OF ENGINEERING — DATE 4-16-90

SUBDIVISION NAME	SECTION/AREA	LOT NUMBERS
MONTGOMERY MEADOWS	1/2 -	LOTS 62 THRU 137

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR
9047 - 9060	16 & 20	R-20	31	1ST	
WATER CODE 901			SEWER CODE 2,900,000		

KEY SHEET
MONTGOMERY MEADOWS
SECTION ONE AREA TWO
LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: APRIL 4, 1989
SHEET 1 OF 12

DRAWN: J.A.U.	DESIGNED: S.D.B.	CHECKED: S.D.B.	APPROVED: T.L.W.

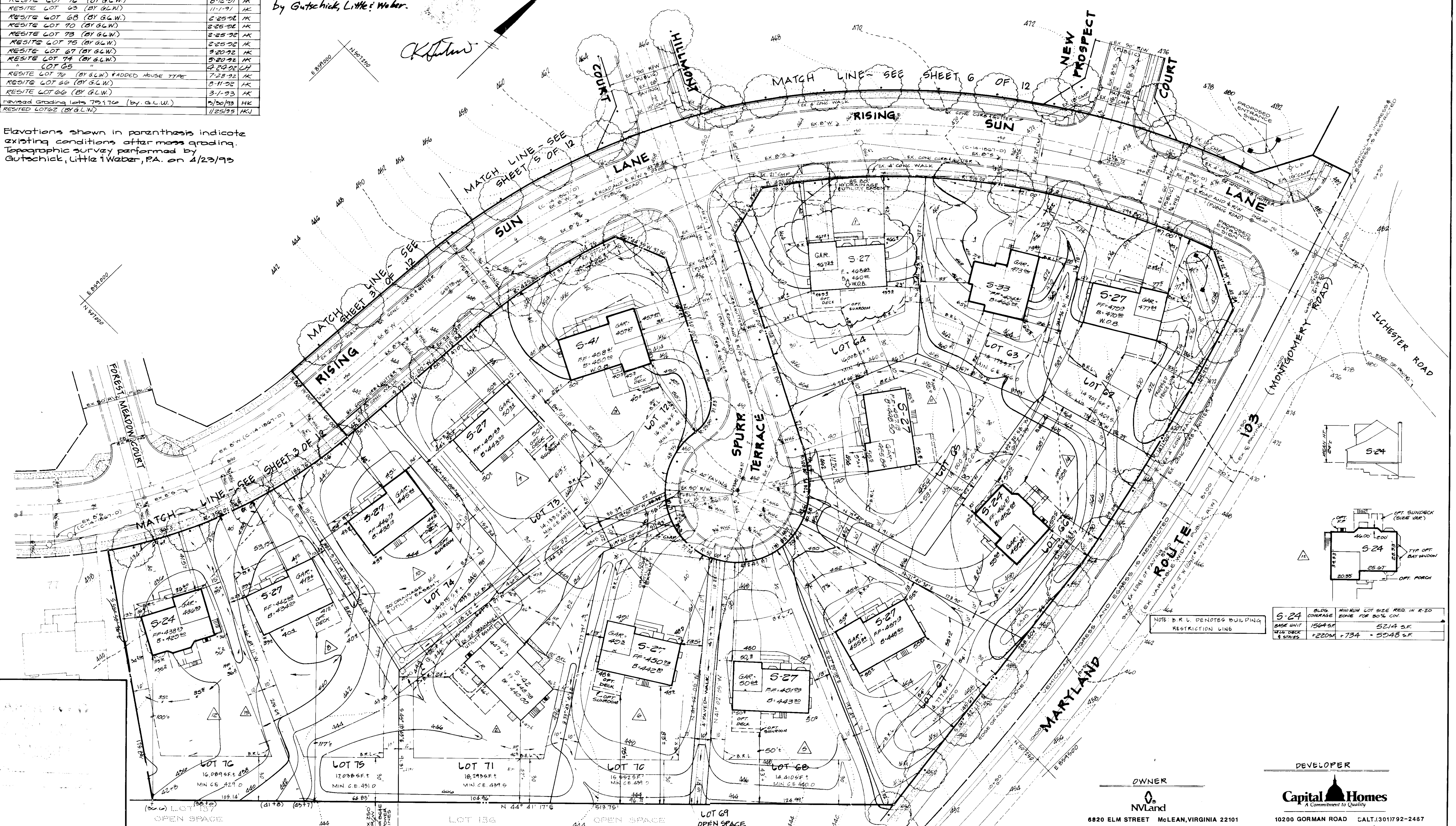
S.D.P.-89-196

	REVISION	DATE	BY
1	RESITE LOT 64 (BY G.L.W.)	4-25-91	F.D.M.
2	RESITE LOT 71 (BY G.L.W.)	6-4-91	F.D.M.
3	RESITE LOT 72 (BY G.L.W.)	8-12-91	HK
4	RESITE LOT 63 (BY G.L.W.)	11-1-91	HK
5	RESITE LOT 68 (BY G.L.W.)	2-25-92	HK
6	RESITE LOT 70 (BY G.L.W.)	2-25-92	HK
7	RESITE LOT 73 (BY G.L.W.)	2-25-92	HK
8	RESITE LOT 75 (BY G.L.W.)	2-25-92	HK
9	RESITE LOT 67 (BY G.L.W.)	3-20-92	HK
10	RESITE LOT 74 (BY G.L.W.)	3-20-92	HK
11	" LOT 65 "	4-24-92	LH
12	RESITE LOT 76 (BY G.L.W.) & ADDED HOUSE TYPE	7-28-92	HK
13	RESITE LOT 66 (BY G.L.W.)	8-11-92	HK
14	RESITE LOT 66 (BY G.L.W.)	3-1-93	HK
15	revised Grading lots 75 & 76 (by. G.L.W.)	3/30/93	HK
16	RESITED LOT 62 (BY G.L.W.)	11/25/95	HKJ

GLW Seal & Signature applies only to revisions by Gutschick, Little & Weber.

[illegible]

Elevations shown in parenthesis indicate existing conditions after mass grading. Topographic survey performed by Gutschick, Little & Weber, P.A. on 4/23/93



S-24	BLDG. COVERAGE	MINIMUM LOT SIZE REQ. IN R-20 ZONE FOR 30% COV.
BASE UNIT	1564 S.F.	5214 S.F.
W/LG. DECK & STAIRS	+220 S.F.	+734 = 5948 S.F.

OWNER

NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
(703)734-9730

DEVELOPER

Capital Homes
A Commitment to Quality
10200 GORMAN ROAD BALT.(301)792-2467
LAUREL, MARYLAND 20707 WASH.(301)953-0571

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[illegible] 1-18-90
DATE

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[illegible] 1/18/90
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[illegible] 2-18-90
U.S. SOIL CONSERVATION SERVICE DATE

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

[illegible] 90
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[illegible] 4.30.90
PLANNING DIRECTOR DATE

[illegible]
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

[illegible] 4-23-90
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

[illegible] 4/17/90
DIRECTOR, PUBLIC WORKS DATE

[illegible] 4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME	SECTION/AREA	LOT NUMBERS
MONTGOMERY MEADOWS	1/2	LOTS 62 THRU 137

PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC.DIST.	CENSUS TR
9067-9069	14 : 20	R-20	31	1ST	

WATER CODE G01 SEWER CODE 2.900.000

SITE DEVELOPMENT PLAN

MONTGOMERY MEADOWS

SECTION ONE AREA TWO

LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423

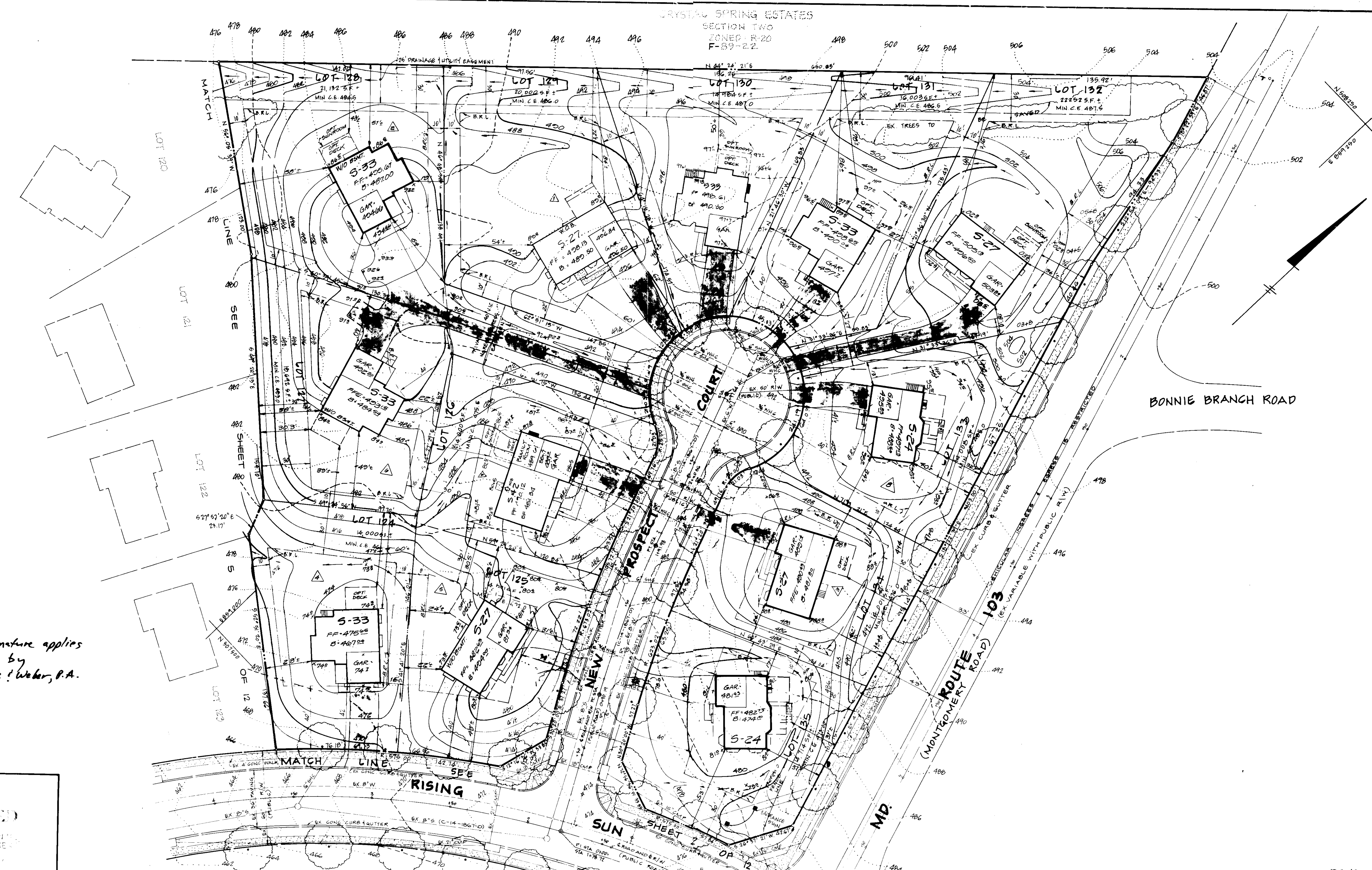
1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1"=30' DATE: APRIL 4, 1989

SHEET 2 OF 12

DRAWN: J.A.U.	DESIGNED: B.D.B.	CHECKED: B.D.B.	APPROVED: T.L.W.

S.D.P.-89-196



GLW seal & Signature applies only to revisions by Gutschick, Little & Weber, P.A.

[illegible]

APPROVED

NO.	REVISION	DATE	BY
6	RESITE LOT 127 (BY G.L.W.)	2-26-92	HK
5	RESITE LOT 125 (BY G.L.W.)	2-26-92	HK
4	RESITE LOT 124 (BY G.L.W.)	2-26-92	HK
3	RESITE LOT 134 (BY G.L.W.)	11-1-91	HK
2	RESITE LOT 128 (BY G.L.W.)	10-18-91	HK
1	RESITE LOT 129 (BY G.L.W.)	6-4-91	FDM

10	revised grading lot 124, 125, 126, 127 & 129 (by G.L.W.)	5-30-93	HK
9	RESITED LOT 135 TO S-24 (BY G.L.W.)	5-17-93	HK
8	RESITED LOT 133 TO S-24 (BY G.L.W.)	12-17-92	HK
7	RESITED LOT 133	5-5-92	HK

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

129720

ENGINEER'S CERTIFICATE

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[illegible] 1-18-90
DATE

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[illegible] 1/18/90
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[illegible] 2-13-90
U.S. SOIL CONSERVATION SERVICE DATE

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

[illegible] 2/12/90
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[illegible] 4.30.90
PLANNING DIRECTOR DATE

[illegible] 4/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

[illegible] 4-23-90
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

[illegible] 4/16/90
DIRECTOR, PUBLIC WORKS DATE

[illegible] 4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME			SECTION/AREA		LOT NUMBERS
MONTGOMERY MEADOWS			1/2		LOTS 62 THRU 137
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR
9067-9069	14 & 20	R-20	31	1ST	
WATER CODE	G01		SEWER CODE	2900,000	

OWNER

NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
(703) 734-9730

DEVELOPER

Capital Homes
A Commitment to Quality
10200 GORMAN ROAD BALT. (301) 792-2467
LAUREL, MARYLAND 20707 WASH. (301) 953-0571

SITE DEVELOPMENT PLAN

MONTGOMERY MEADOWS

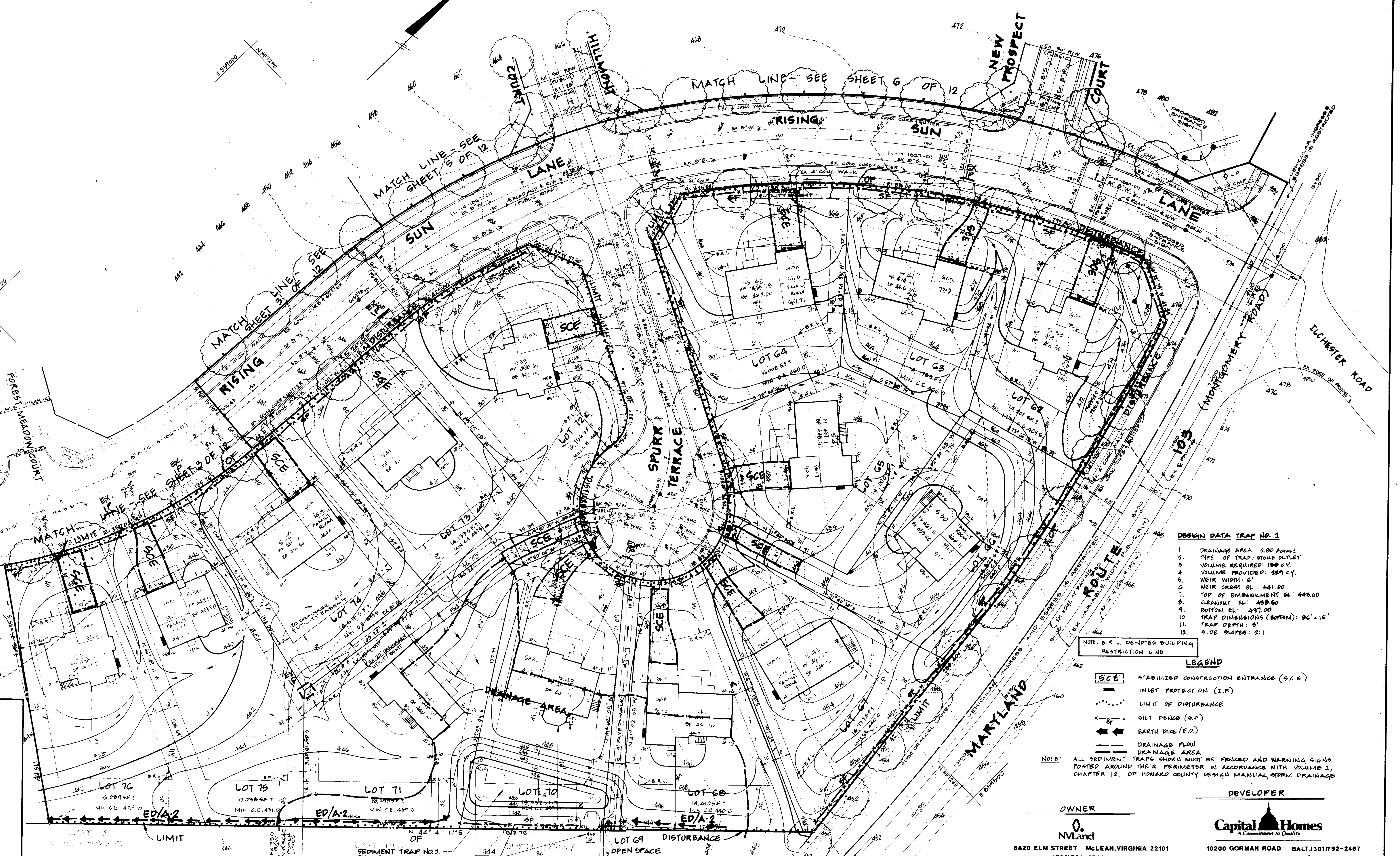
SECTION ONE AREA TWO
LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: APRIL 4, 1989

SHEET 6 OF 12

DRAWN J.A.U.	DESIGNED B.D.B.	CHECKED B.D.B.	APPROVED T.L.W.

S.D.P.-89-196



DESIGN DATA TRAP NO. 1

1. DRAINAGE AREA: 2.80 Acres±
2. TYPE OF TRAP: STONE OUTLET
3. VOLUME REQUIRED: 180 C.Y.
4. VOLUME PROVIDED: 229 C.Y.
5. WEIR WIDTH: 6'
6. WEIR CREST EL.: 441.00
7. TOP OF EMBANKMENT EL.: 443.00
8. CLEANOUT EL.: 438.50
9. BOTTOM EL.: 437.00
10. TRAP DIMENSIONS (BOTTOM): 86' x 16'
11. TRAP DEPTH: 3'
12. SIDE SLOPES: 2:1

NOTE: B.R.L. DENOTES BUILDING RESTRICTION LINE

LEGEND

SCE	STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
▬	INLET PROTECTION (I.P.)
······	LIMIT OF DISTURBANCE
x—x—x	SILT FENCE (S.F.)
◀ ◀	EARTH DIKE (E.D.)
— —	DRAINAGE FLOW
— —	DRAINAGE AREA

NOTE: ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME I, CHAPTER 12, OF HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

OWNER

NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
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10200 GORMAN ROAD BALT.(301)792-2467
LAUREL, MARYLAND 20707 WASH.(301)953-0571

APPROVED
... PLANNING ...
... COUNTY
MARYLAND
DATE

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 309
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

1-18-90
DATE

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"I WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION 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."

1/18/90
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

2/13/90
U.S. SOIL CONSERVATION SERVICE DATE

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

2/2/90
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

4.30.90
PLANNING DIRECTOR DATE

4/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

4-23-90
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

4/17/90
DIRECTOR, PUBLIC WORKS DATE

4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME		SECTION/AREA	LOT NUMBERS	
MONTGOMERY MEADOWS		1/2	LOTS 62 THRU 137	
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC.DIST.	CENSUS TR
9067-9069	14:20	R-20	31	1ST	
WATER CODE	G01	SEWER CODE	2900000		

SEDIMENT CONTROL PLAN

MONTGOMERY MEADOWS

SECTION ONE AREA TWO

LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423

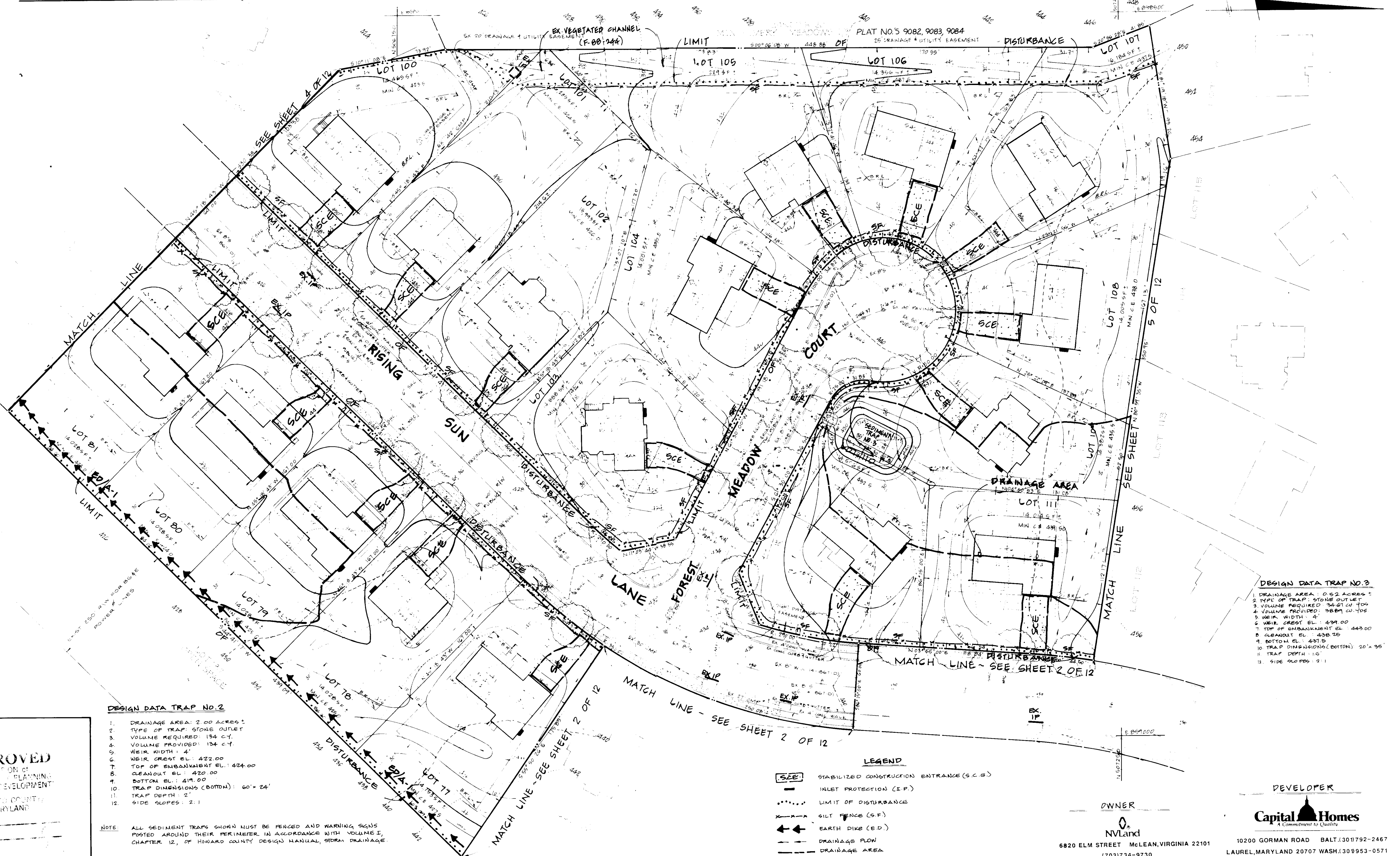
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1"=30' DATE: APRIL 4, 1989

SHEET 7 OF 12

DRAWN: J.A.U.	DESIGNED: B.D.B.	CHECKED: B.D.B.	APPROVED: T.L.W.

S.D.P.-89-196



DESIGN DATA TRAP NO. 3

1. DRAINAGE AREA : 0.52 ACRES ±
2. TYPE OF TRAP : STONE OUTLET
3. VOLUME REQUIRED : 34.67 CU. YDS
4. VOLUME PROVIDED : 38.89 CU. YDS
5. WEIR WIDTH : 4'
6. WEIR CREST EL. : 439.00
7. TOP OF EMBANKMENT EL. : 443.00
8. CLEANOUT EL. : 438.25
9. BOTTOM EL. : 437.5
10. TRAP DIMENSIONS (BOTTOM) : 20' x 35'
11. TRAP DEPTH : 1.5'
12. SIDE SLOPES : 2:1

DESIGN DATA TRAP NO. 2

1. DRAINAGE AREA: 2.00 ACRES ±
2. TYPE OF TRAP: STONE OUTLET
3. VOLUME REQUIRED: 134 C.Y.
4. VOLUME PROVIDED: 134 C.Y.
5. WEIR WIDTH : 4'
6. WEIR CREST EL. : 422.00
7. TOP OF EMBANKMENT EL. : 424.00
8. CLEANOUT EL : 420.00
9. BOTTOM EL. : 419.00
10. TRAP DIMENSIONS (BOTTOM) : 60' x 24'
11. TRAP DEPTH : 2'
12. SIDE SLOPES : 2:1

NOTE: ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME I, CHAPTER 12, OF HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

APPROVED
DIVISION of
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY
MARYLAND
DATE

LEGEND

SCE	STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
▬	INLET PROTECTION (I.P.)
······	LIMIT OF DISTURBANCE
x—x—x	SILT FENCE (S.F.)
◀◀	EARTH DIKE (E.D.)
—◂—	DRAINAGE FLOW
— — —	DRAINAGE AREA

OWNER
NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
(703)734-9730

DEVELOPER
Capital Homes
A Commitment to Quality
10200 GORMAN ROAD BALT.(301)792-2467
LAUREL, MARYLAND 20707 WASH.(301)953-0571

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS

ENGINEER'S CERTIFICATE

[illegible] 1-18-90
DATE

DEVELOPER'S CERTIFICATE

[illegible] 1/18/90
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
[illegible] 2/13/90
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:
[illegible] 2/12/90
HOWARD SOIL CONSERVATION DISTRICT DATE

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[illegible] 4.30.90
PLANNING DIRECTOR DATE
[illegible] 4/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER AND SEWERAGE SYSTEMS.
[illegible] 4-23-90
HEALTH DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND R.A.P.
[illegible] 4/17/90
DIRECTOR, PUBLIC WORKS DATE
[illegible] 4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME		SECTION/AREA		LOT NUMBERS	
MONTGOMERY MEADOWS		1/2		LOTS 62 THRU 137	
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR
9067-9069	14+20	R-20	31	1ST	
WATER CODE	G01	SEWER CODE	2,900,000		

SEDIMENT CONTROL PLAN
MONTGOMERY MEADOWS
SECTION ONE AREA TWO
LOTS 62 THRU 137
TAX MAP 31 P/O PARCEL 423
1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE 1" = 30' DATE APRIL 4, 1989
SHEET 8 OF 12

DRAWN J.A.U.	DESIGNED B.D.B.	CHECKED B.D.B.	APPROVED T.L.W.

S.D.P.-89-196

NOTE: ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME I, CHAPTER 12, OF HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

LEGEND

SCE	STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
▬	INLET PROTECTION (I.P.)
●●●●	LIMIT OF DISTURBANCE
x—x—x	SILT FENCE (S.F.)
← ←	EARTH DIKE (E.D.)
— —	DRAINAGE FLOW
— —	DRAINAGE AREA

OWNER

NVLand

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DEVELOPER

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ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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[illegible] 1-18-90
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APPROVED:

John R. Robertson 2/12/90
HOWARD SOIL CONSERVATION DISTRICT DATE

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[illegible] 4.30.90
PLANNING DIRECTOR DATE

[illegible] 4/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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[illegible] 4-23-90
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

[illegible] 4/17/90
DIRECTOR, PUBLIC WORKS DATE

[illegible] 4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

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SEDIMENT CONTROL PLAN

MONTGOMERY MEADOWS

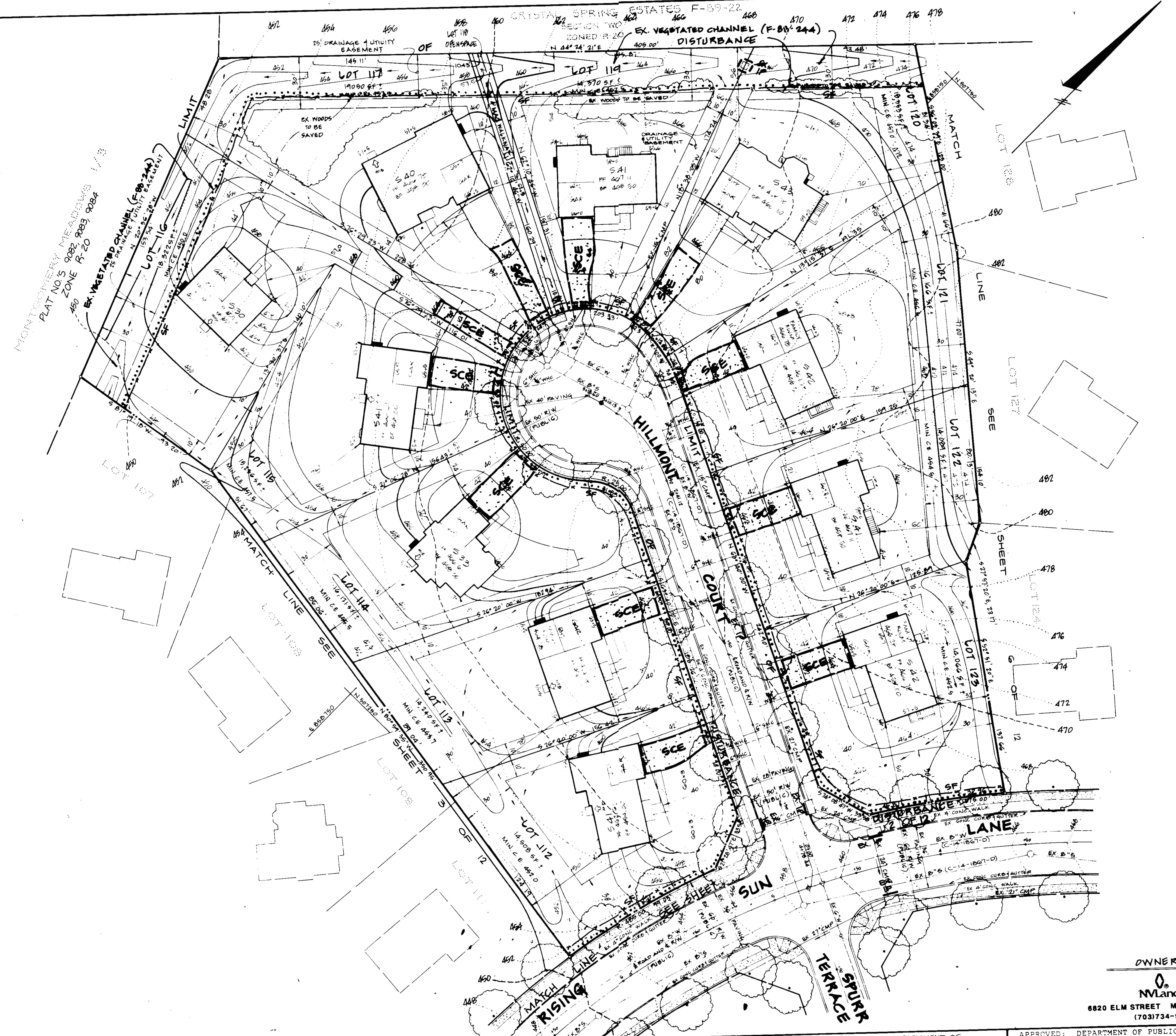
SECTION ONE AREA TWO
LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423
1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: APRIL 4, 1989

SHEET 9 OF 12

DRAWN: J. A. U.	DESIGNED: B.D.B.	CHECKED: B.D.B.	APPROVED: T.L.W.

S.D.P.-89-196



LEGEND

SCE	STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)
▬	INLET PROTECTION (I.P.)
....	LIMIT OF DISTURBANCE
x——x——x	SILT FENCE (S.F.)
←←	EARTH DIKE (E.D.)
— —	DRAINAGE FLOW

Construction Specifications

I. **Materials**

A. Wooden frame is to be constructed of 2" x 4" construction grade lumber.

B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.

C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, EOS, 40-85, to allow sufficient passage of water and removal of sediment.

4. Stone is to be 2" in size and clean, since fines would clog the cloth.

5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.

6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

II. **Procedure**

A. A swale, ditchline or yard inlet protection.

1. Excavate completely around inlet to a depth of 18" below notch elevation.

2. Drive 2 x 4 post 1' into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.

3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.

4. Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.

5. Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.

6. If the inlet is not in a low point, construct a compacted earth dike in the ditchline below it. The top of this dike is to be at least 6" higher than the top of frame (weir).

7. This structure must be inspected frequently and the filter fabric replaced when clogged.

B. Curb Inlet Protection.

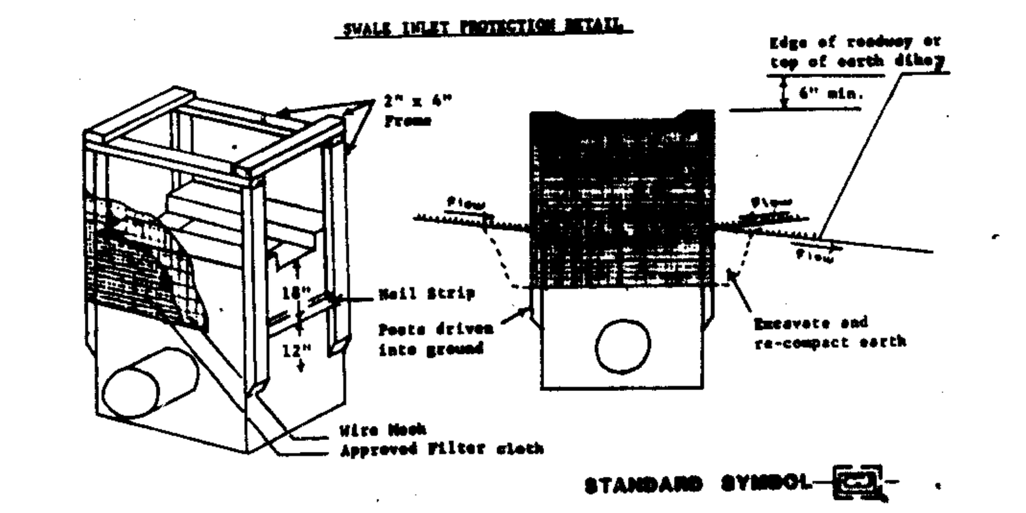
1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.

2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.

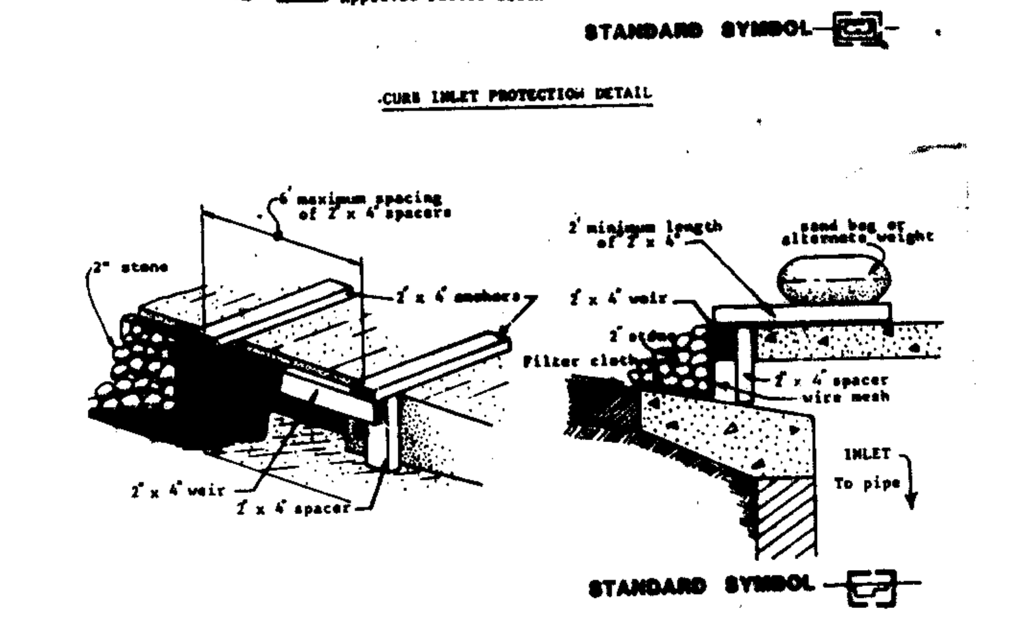
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).

4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

SWALE INLET PROTECTION DETAIL



CURB INLET PROTECTION DETAIL



APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY
MARYLAND
DATE ______

OWNER
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HEALTH OFFICER DATE

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[signature] 4/17/90
DIRECTOR, PUBLIC WORKS DATE

[signature] 4-16-90
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SUBDIVISION NAME		SECTION/AREA		LOT NUMBERS	
MONTGOMERY MEADOWS		1/2		LOT 62 THRU 137	
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9067-9069	14 & 20	R-20	31	1ST	
WATER CODE	G01		SEWER CODE	2,900,000	

SEDIMENT CONTROL PLAN

MONTGOMERY MEADOWS

SECTION ONE AREA TWO
LOTS 62 THRU 137

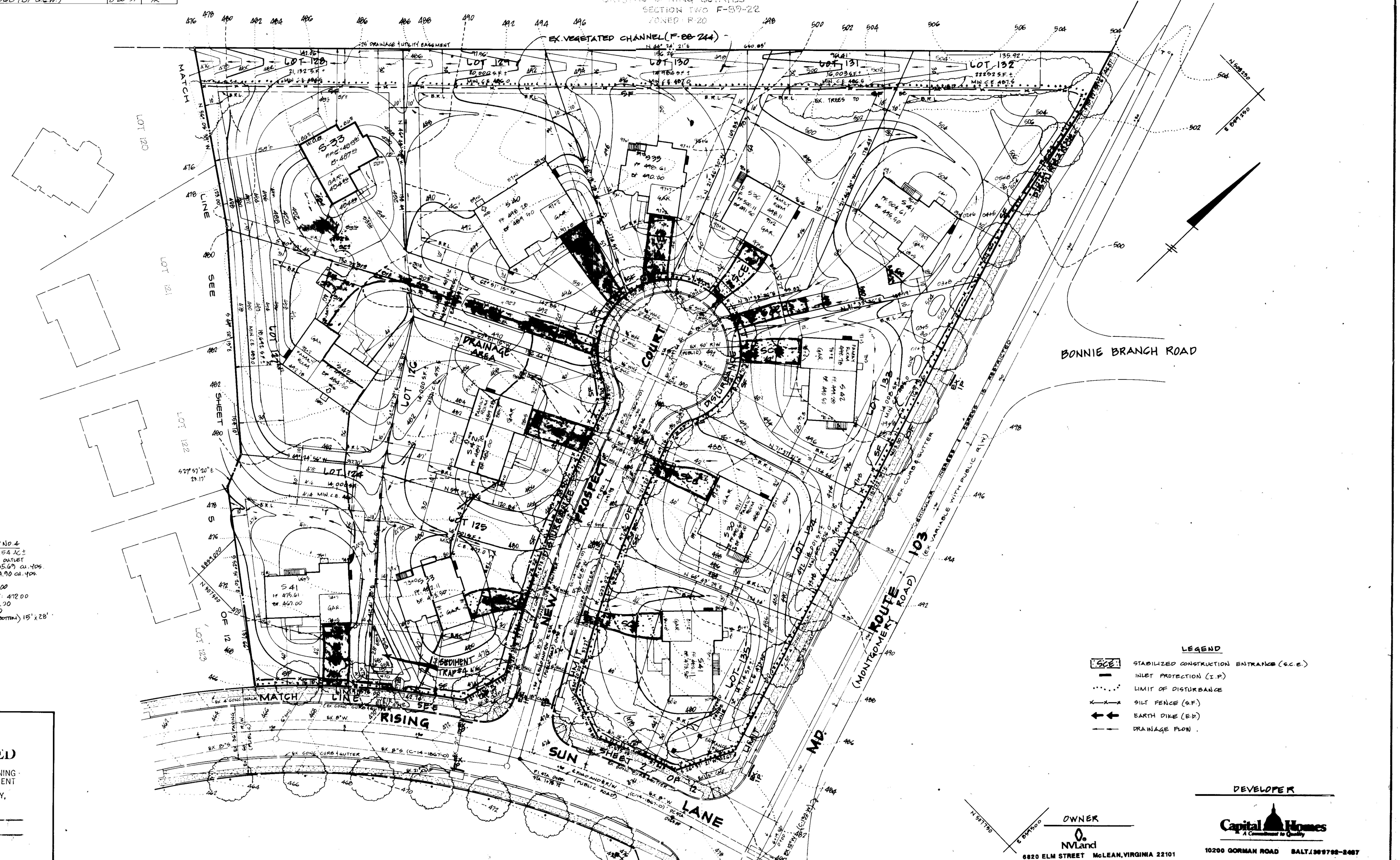
TAX MAP 31 P/O PARCEL 463
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"= 30' DATE: APRIL 4, 1989

SHEET 10 OF 12

DRAWN: J.A.U.	DESIGNED: B.D.B.	CHECKED: B.D.B.	APPROVED: T.L.W.

S.D.P.-89-176

No	REVISION	DATE	BY
1	RESITE LOT 128 (BY G.L.W.)	8-20-91	K



DESIGN DATA TRAP NO. 4

1. DRAINAGE AREA: 0.54 AC±
2. TYPE OF TRAP: STONE OUTLET
3. VOLUME REQUIRED: 35.69 CU. YDS.
4. VOLUME PROVIDED: 54.90 CU. YDS.
5. WEIR WIDTH: 4'
6. WEIR CREST EL. 471.00
7. TOP OF EMBANKMENT: 472.00
8. CLEANOUT EL.: 470.00
9. BOTTOM EL.: 468.00
10. TRAP DIMENSIONS (BOTTOM) 15' x 28'
11. TRAP DEPTH: 3.0'
12. SIDE SLOPES: 2:1

APPROVED
DIVISION of
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND

DATE ____________

LEGEND

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—·—	DRAINAGE FLOW.

OWNER

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DEVELOPER

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[illegible] 4.30.90
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[illegible] 4/2/9.
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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SUBDIVISION NAME			SECTION/AREA		LOT NUMBERS
MONTGOMERY MEADOWS			1/2		LOTS 62 THRU 137
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR
9067-9069	14 & 20	R-20	31	1ST	
WATER CODE	C01		SEWER CODE	2,900,000	

SEDIMENT CONTROL PLAN

MONTGOMERY MEADOWS

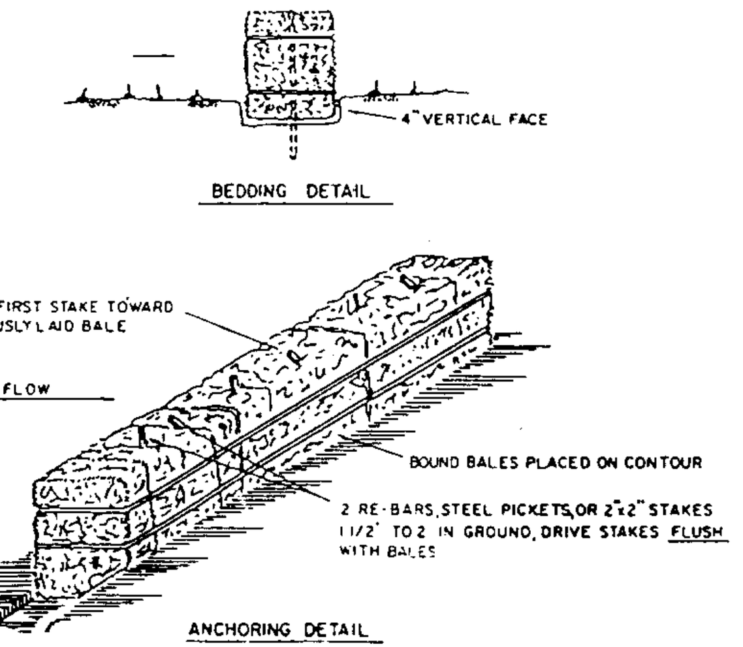
SECTION ONE AREA TWO
LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 463
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: APRIL 4, 1989

SHEET 11 OF 12

DRAWN: J.A.U. DESIGNED: S.R.S. CHECKED: S.R.S. APPROVED: T.L.W.

S.D.P.-89-176

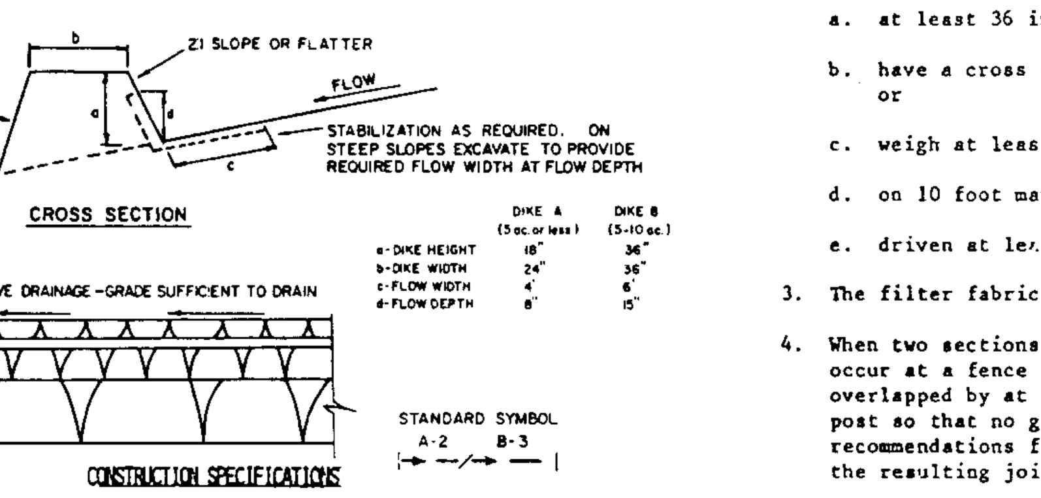


Straw Bale Dike
Construction Specifications

1. Straw bale dikes must be embedded, or keyed in, at least 4 inches into the ground. The key-in trench can be excavated by hand or by machine.
2. Bales shall be placed in the key-in trench so that adjacent bales are tightly abutting and the bindings on the bale are horizontal and above ground level.
3. Two wooden stakes or re-bars per bale shall be used to anchor the dike in place. The stakes or re-bars must at least be 36 inches long and driven through the bales to a depth of 1 1/2 to 2 feet into the ground, and flush with the top of the bale. The first stake shall be driven at an angle toward the previously laid bale, so that the bales are forced together. There should be no gaps between or under the bales.
4. Straw bale dikes must be inspected periodically and after each rain event and maintenance performed as necessary.

STRAW BALE DIKE

NOT TO SCALE



	DIKE A (5 ac. 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 THE CHART BELOW.

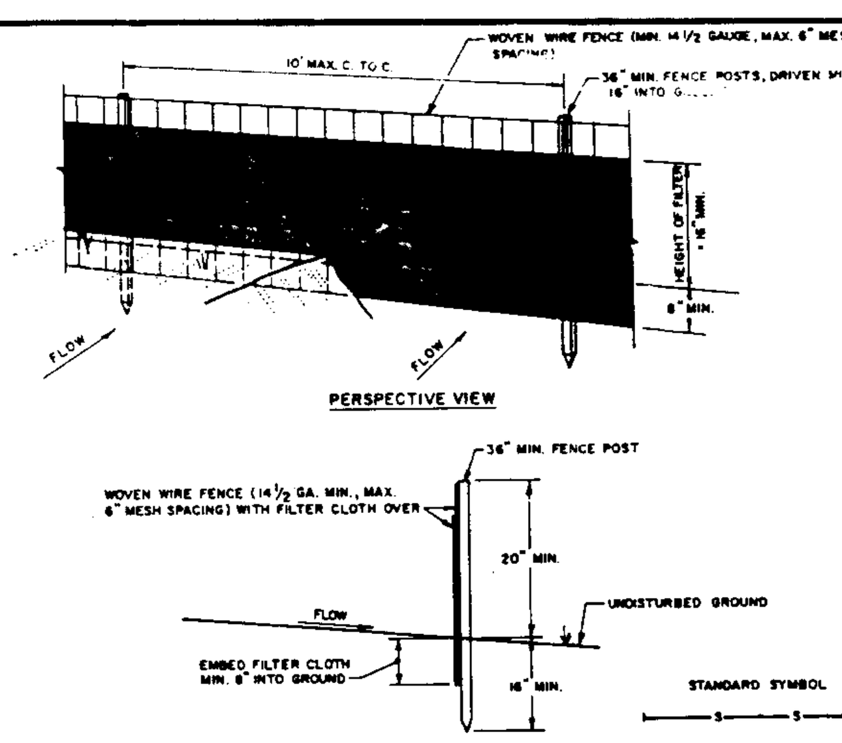
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSIOR; SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE 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 EVENT.

EARTH DIKE

NOT TO SCALE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

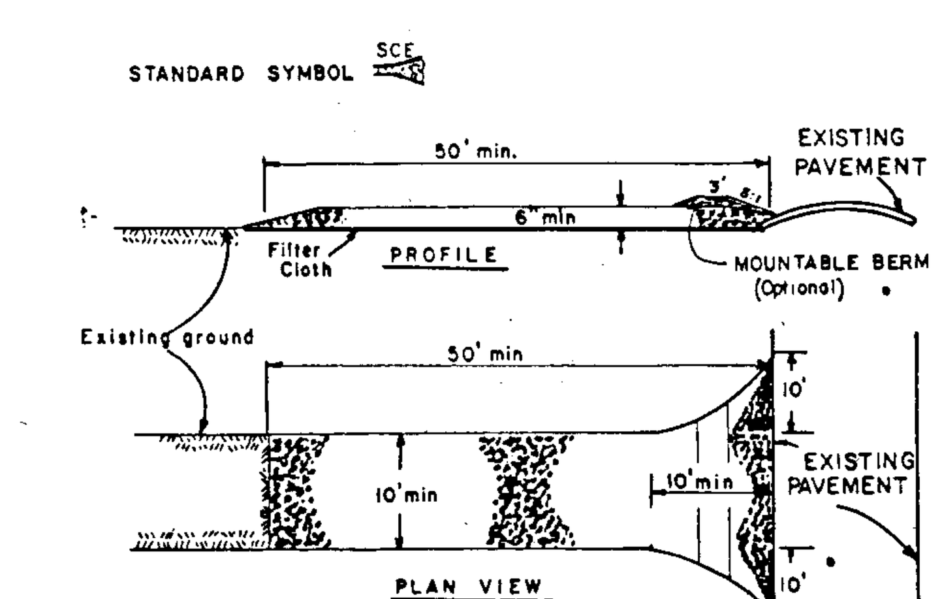
Silt Fence
Construction Specifications

1. Silt fences must be embedded, or keyed in, at least 8 inches into the ground. Laying the lower edge of the filter fabric on the ground and covering it with soil is not an acceptable method of keying in. The key-in trench can be excavated by hand or by ditching equipment. After the silt fence is constructed, the trench must be backfilled and compacted.
2. Fence posts must be:
   a. at least 36 inches long, and
   b. have a cross sectional area of at least 3 square inches if wooden, or
   c. weigh at least 1 pound per linear foot if steel T or U type, and
   d. on 10 foot maximum centers, and
   e. driven at least 16 inches into the ground.
3. The filter fabric must be fastened securely to the fence posts.
4. When two sections of filter fabric are joined together, the joint must occur at a fence post. The ends of the filter fabric should be overlapped by at least 6 inches, folded, and fastened to the fence post so that no gaps in the fence occur. Manufacturer's recommendations for joining fabric sections may be followed as long as the resulting joint does not create gaps in the silt fence.
5. Silt fences must be inspected periodically and after each rain event and maintenance performed as necessary.

SILT FENCE

NOT TO SCALE

STANDARD SYMBOL SCE

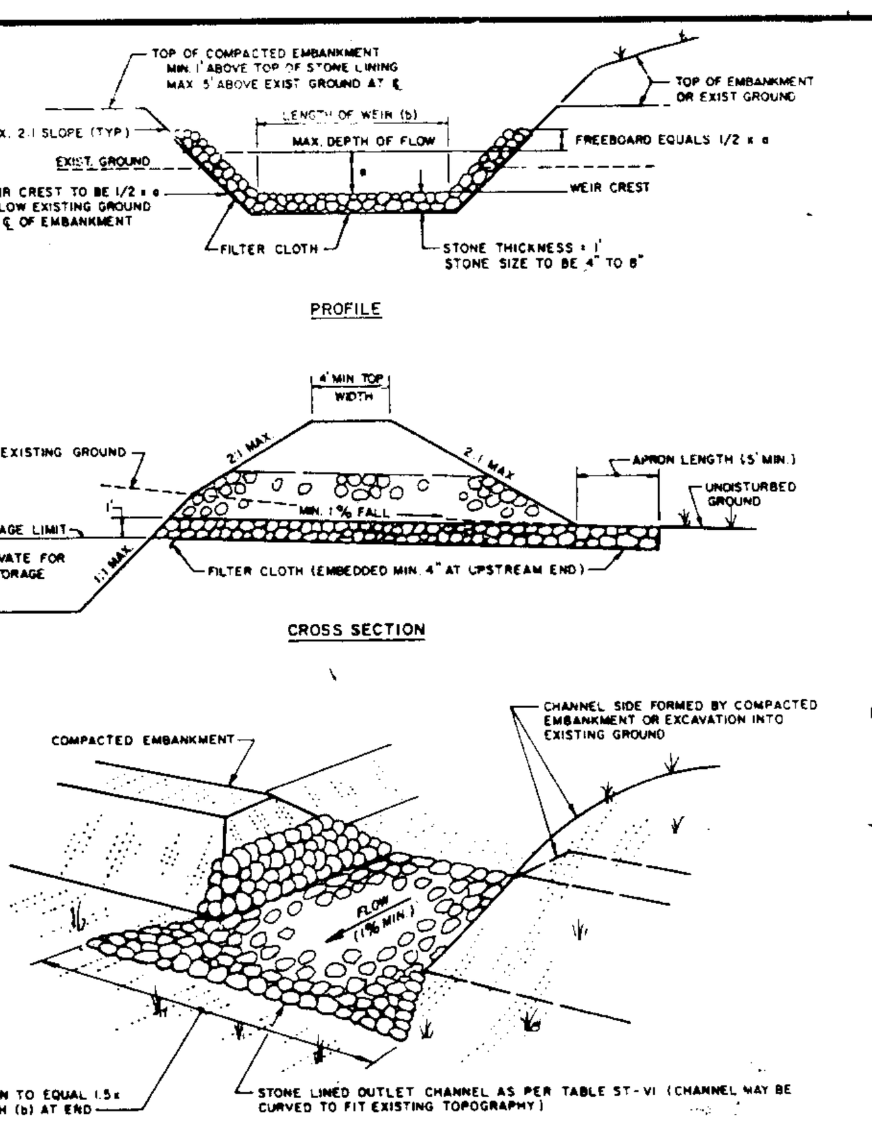


CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. 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.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



CONSTRUCTION SPECIFICATIONS FOR ST-VI

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 equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline 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 the height of embankment.
5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level 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 one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
7. Stone used in the outlet channel shall be four (4) to eight(8) inches (riprap). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch 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 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.
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 SEDIMENT TRAP

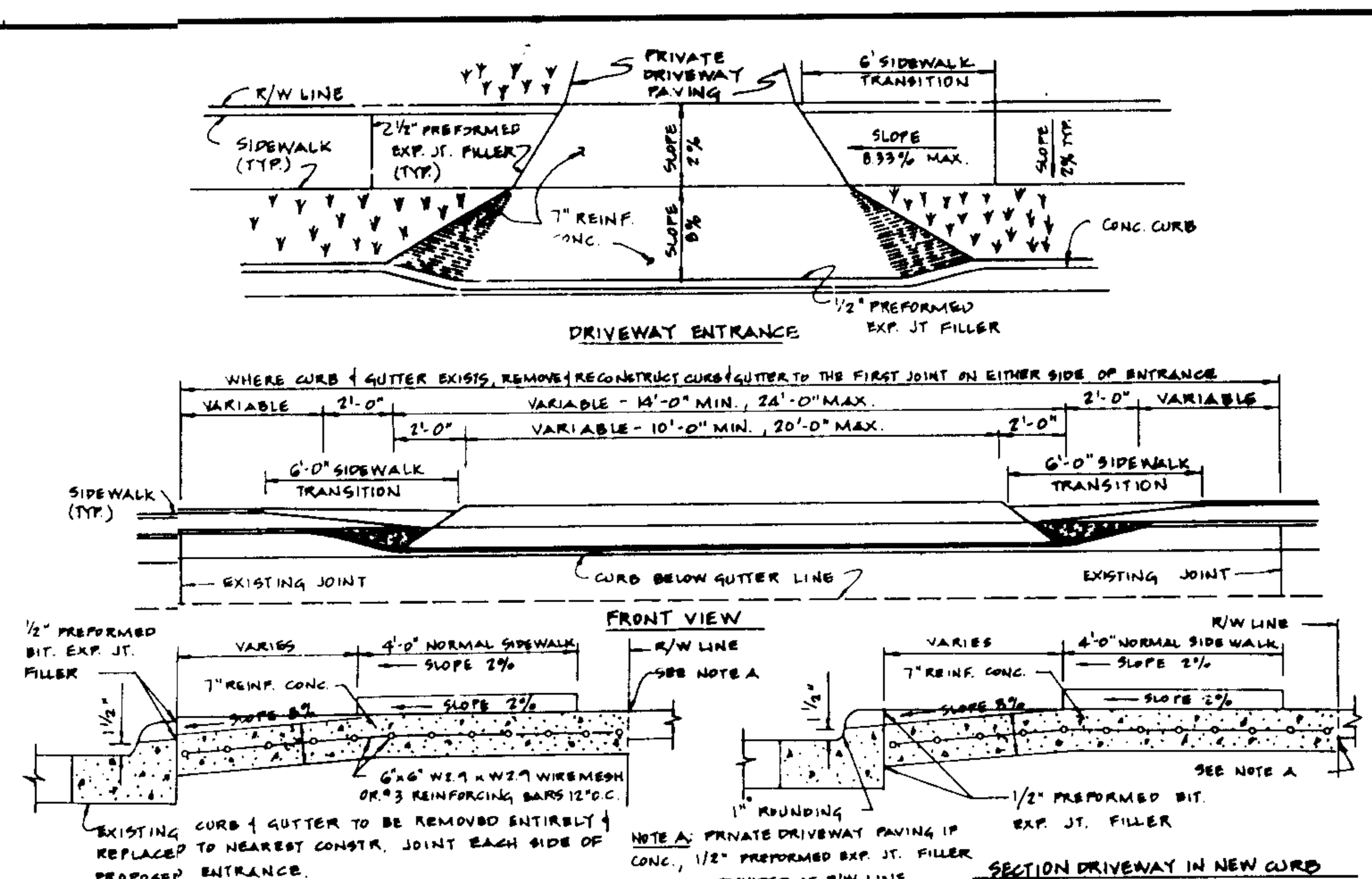
NOT TO SCALE

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 DISTRUBED 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, CHAPTER 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) AND (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.
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:

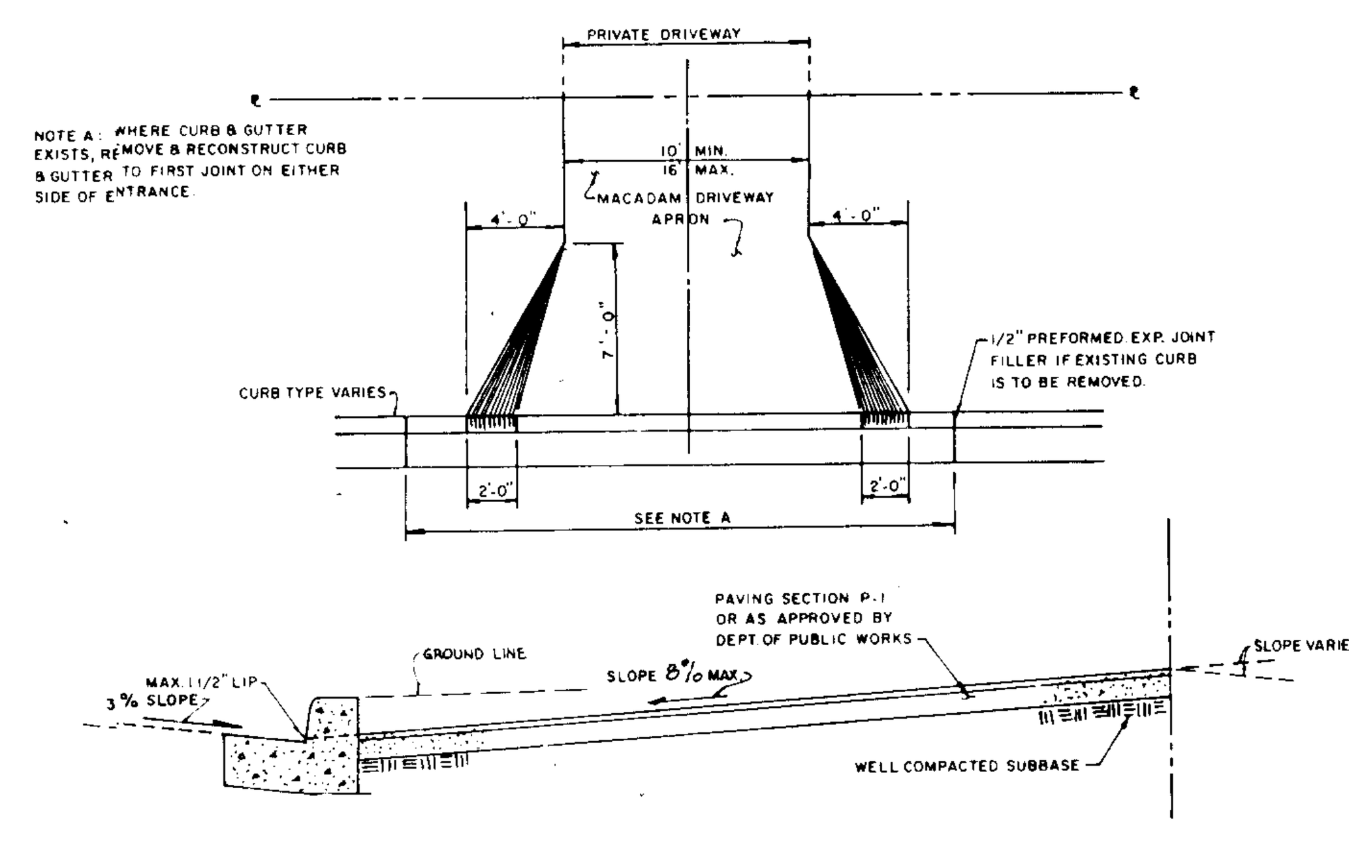
TOTAL AREA OF SITE	31.65	ACRES
AREA DISTURBED	30.50	ACRES
AREA TO BE ROOFED OR PAVED	7.63	ACRES
AREA TO BE VEGETATIVELY STABILIZED	22.87	ACRES
TOTAL CUT	87,000	CU.YDS.
TOTAL FILL	87,000	CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION		

8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.



TYPICAL DRIVEWAY ENTRANCE W/SIDEWALK

NOT TO SCALE



TYPICAL DRIVEWAY ENTRANCE W/O SIDEWALK

NOT TO SCALE

PERMANENT SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREA 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. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULE.

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FT) AND 500 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 (9LBS/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 FT.) OF KENTUCKY 31 TALL TESCUE. 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 RESEEDINGS.

TEMPORARY SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTRUBED 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. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.).

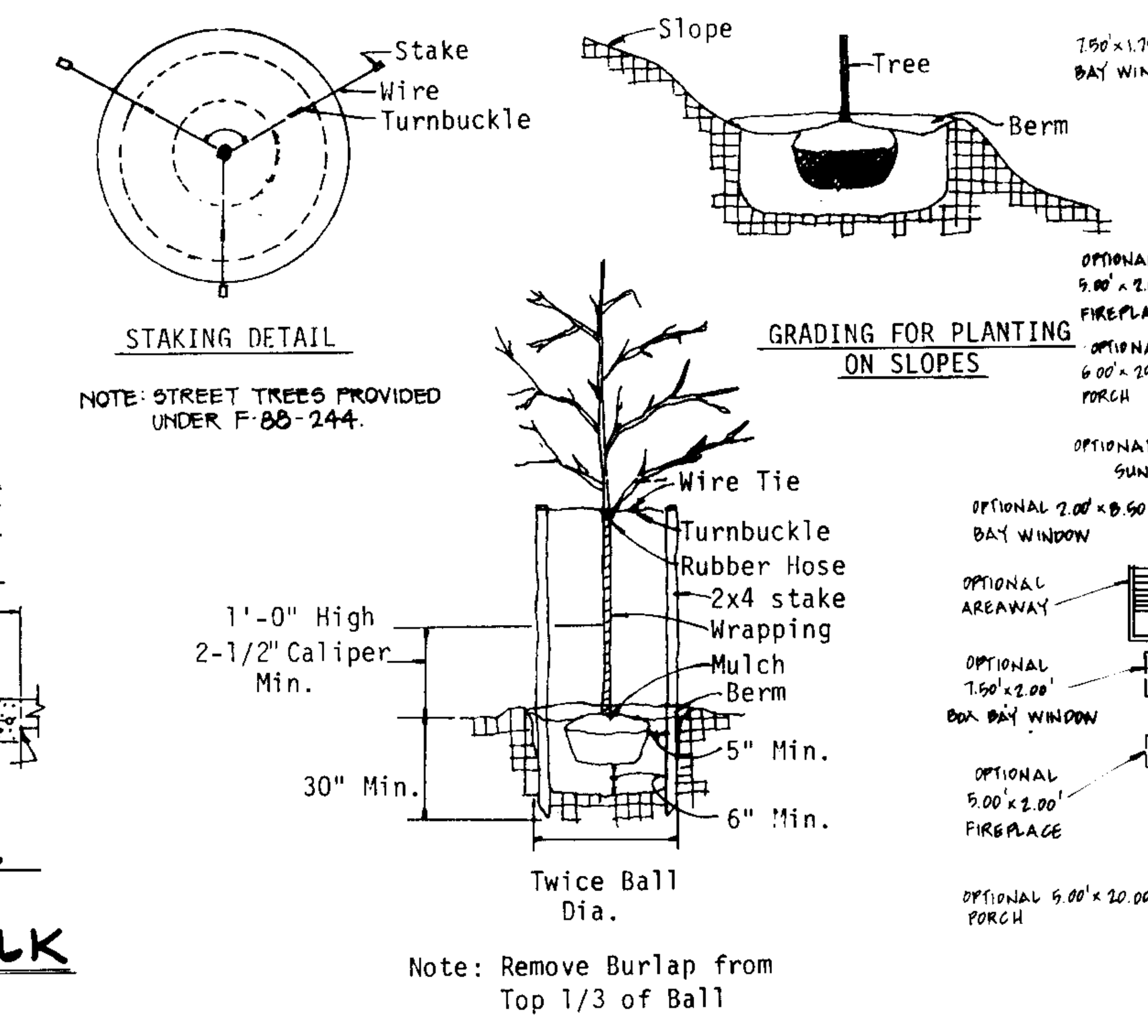
SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, 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, 8FT. 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.

Construction Sequence

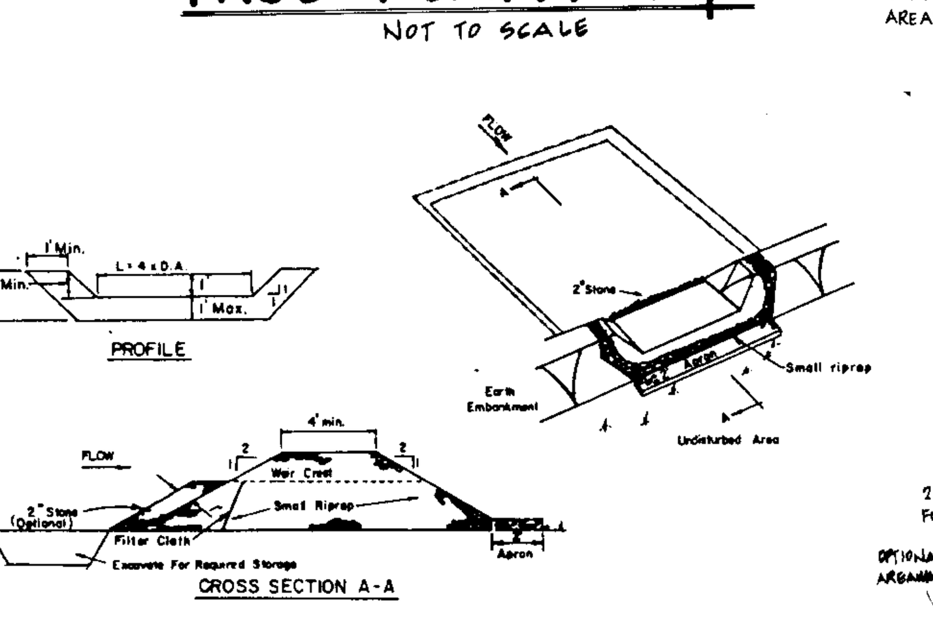
1. Obtain grading permit. Inspect the existing sediment basin and traps constructed under F-89-53 and make any necessary repairs or maintenance prior to beginning any work shown hereon.
2. Construct stabilized construction entrances for lots.
3. Construct earth dikes. Compact dike and stabilize with temporary seeding mixture and straw mulch.
4. Install silt fence at limit of disturbance as shown hereon. Install inlet protection.
5. Clear and grub lots to subgrade.
6. Begin excavation for house foundations and begin house construction.
7. Sediment shall be removed from the sediment basin and traps when the cleanout elevation has been reached.
8. The contractor shall inspect and provide necessary maintenance on the sediment and erosion control structures shown hereon after each rainfall and on a daily basis.
9. The sediment basin and traps shall be dewatered by pumping. The accumulated sediment from the basin and traps shall be placed up-grade from the basin and traps in such a manner as not to interfere with construction operations or cause erosion downgrade from the traps.
10. Remove sediment from roadways and dress stabilized construction entrances as required.
11. Fine grade lots and stabilize with permanent seeding mixture and straw mulch. Install driveways and sidewalks.
12. Remove silt fence and stabilize disturbed area with permanent seeding mixture and straw mulch.
13. Install silt fence at toe of slopes of the basins and all traps. After permission has been given by the sediment control inspector, backfill the sediment basins and the sediment traps.
14. Bring lots 92 through 97 to subgrade. Pour foundations and begin house construction.*
15. Fine grade lots and stabilize with permanent seeding mixture and straw mulch. Install driveways and sidewalks.
16. Remove silt fence and stabilize disturbed area with permanent seeding mixture and straw mulch.



Note: Remove Burlap from Top 1/3 of Ball

TREE PLANTING

NOT TO SCALE



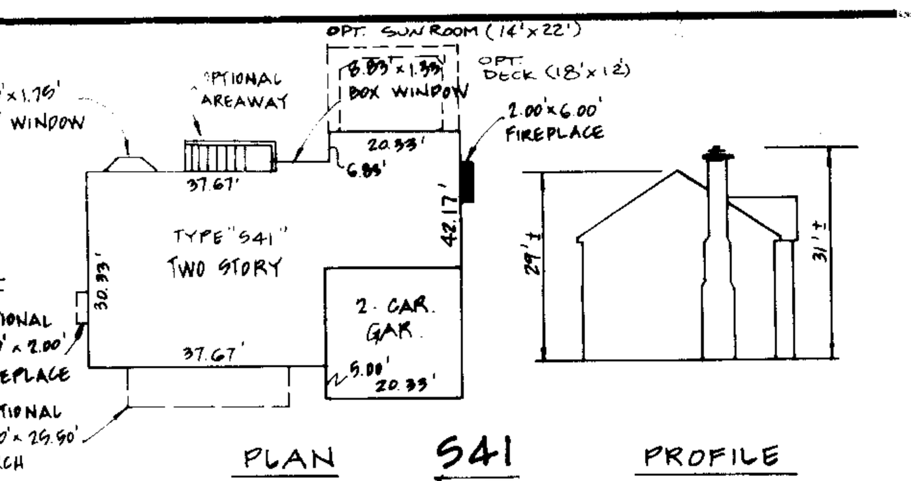
OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

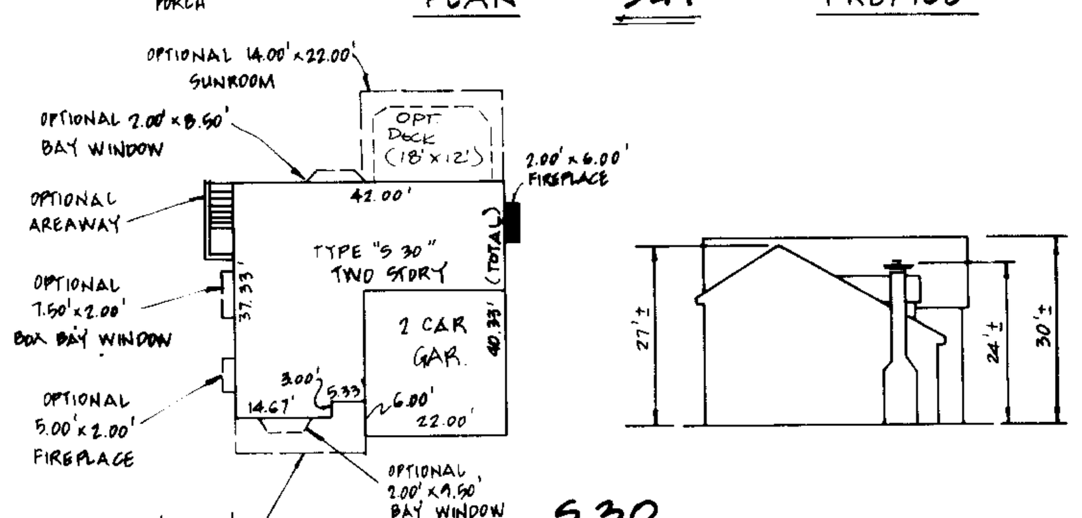
Construction Specifications

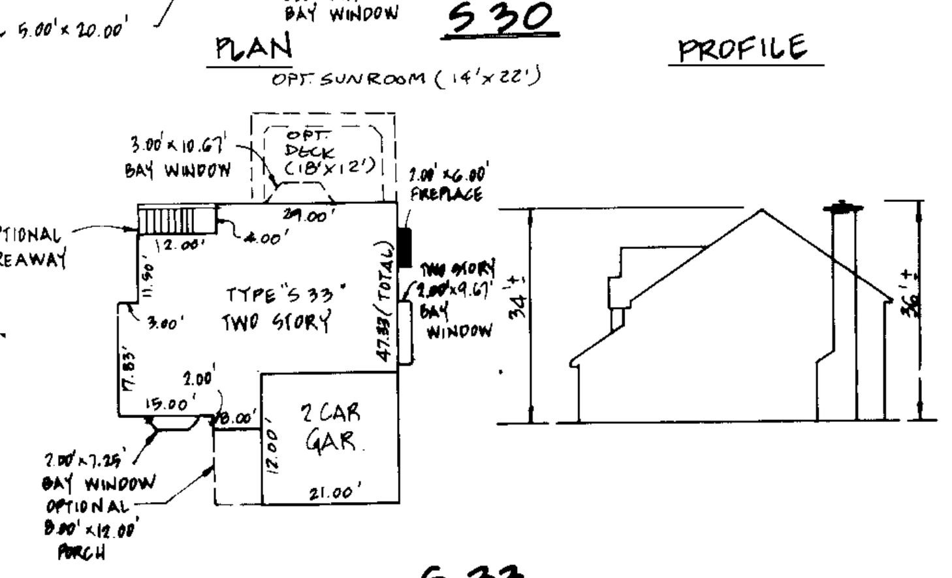
1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The embankment shall be constructed of fill material that is free of roots and other woody vegetation, as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. All inside cut and fill slopes shall be 2:1 or flatter; outside slopes shall be 3:1 or flatter.
4. Sediment traps must be stabilized within seven calendar days of disturbance or redisturbance.
5. The outlet shall be constructed of small riprap (4" to 8" aggregate) along with a 1' thickness of clean #6 stone (3/4" to 1 1/2" aggregate) stone placed on the up-grade side of the small riprap. The weir section of the outlet shall be 1' lower than the embankment height, and shall be level. The outlet shall discharge onto an undisturbed or stabilized area.
6. Construction operations shall be carried out in such a manner than erosion and water pollution are minimized.
7. The structure shall be inspected periodically and after each rain and maintenance performed as necessary.
8. 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.
9. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

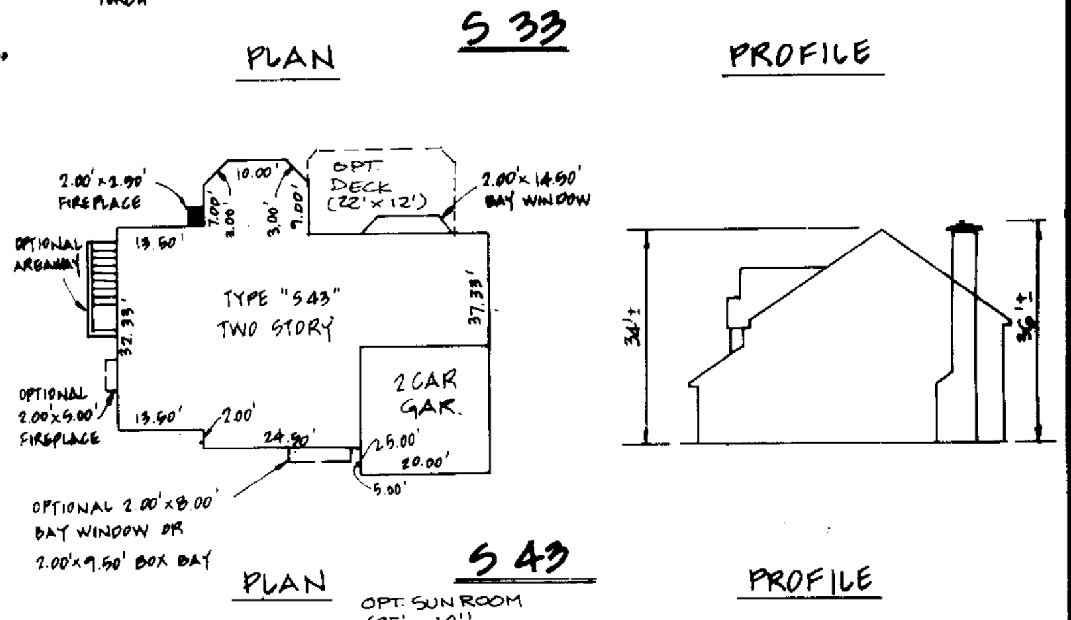
STONE OUTLET SEDIMENT TRAP

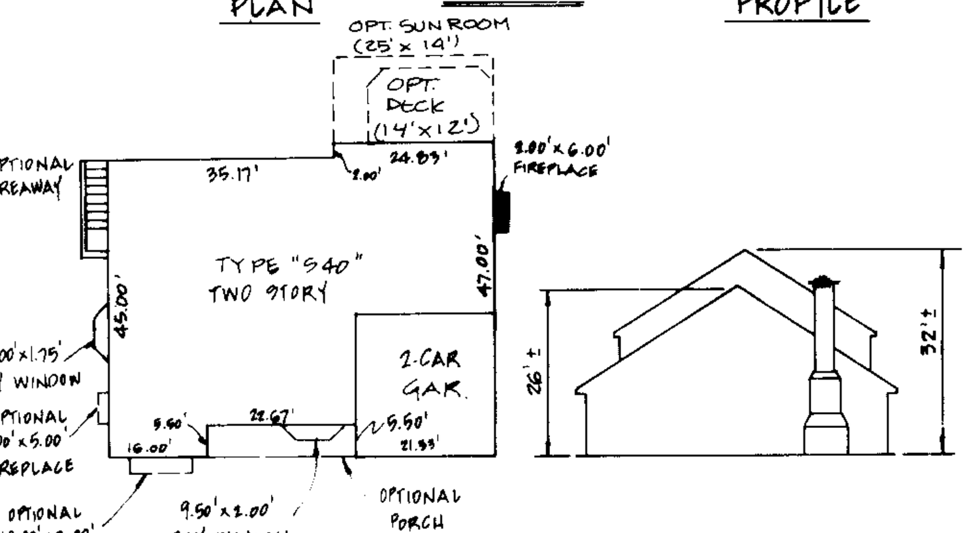
NOT TO SCALE

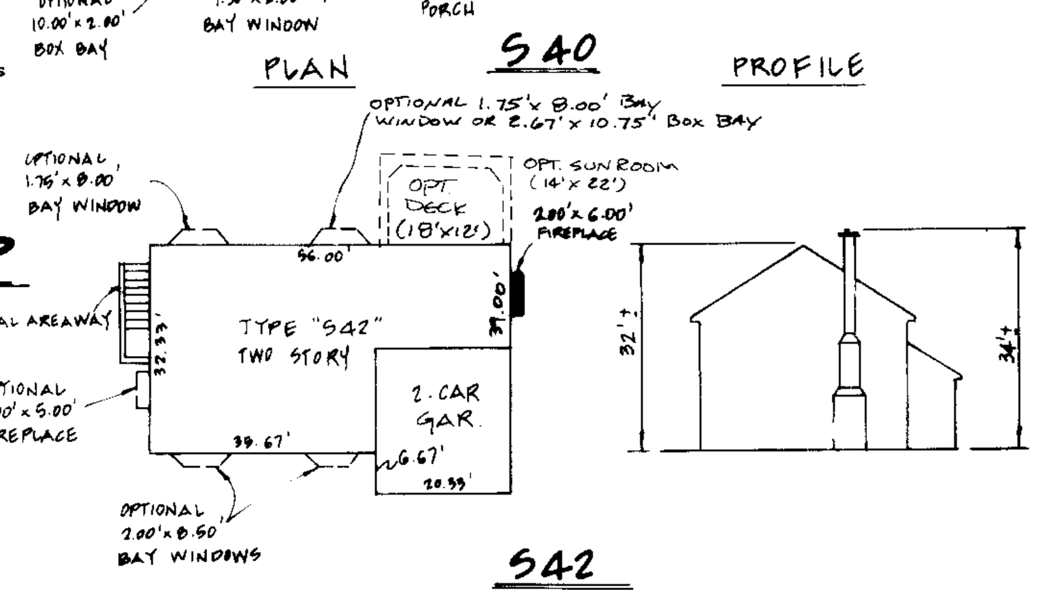












* CONSTRUCTION OF THESE HOMES SHALL BE DELAYED UNTIL THE CONTRIBUTING DRAINAGE AREA TO THE BASIN HAS BEEN STABILIZED AND BASIN REMOVAL IS AUTHORIZED BY THE SEDIMENT CONTROL INSPECTOR.

TYPICAL HOUSE PLANS

NOT TO SCALE

APPROVED
DIVISION of
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE

OWNER

NVLand
6820 ELM STREET McLEAN, VIRGINIA 22101
(703)734-9730

DEVELOPER

Capital Homes
A Commitment to Quality
10200 GORMAN ROAD BALT.(301)792-2487
LAUREL, MARYLAND 20707 WASH.(301)953-0571

Dewberry & Davis
ARCHITECTS ENGINEERS PLANNERS SURVEYORS
3300 N. Ridge Road
Suite 100
Ellicott City, Maryland
21043
(301) 461-7478 BALTIMORE
(301) 621-4970 WASHINGTON

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 REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

[illegible] 1-18-90
DATE

DEVELOPER'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 DEPARTMENT 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."

[illegible] 1/10/90
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[illegible] 2/13/90
U.S. SOIL CONSERVATION SERVICE DATE

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

John R. Robertson 2/12/90
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[illegible] 4.30.90
PLANNING DIRECTOR DATE

[illegible] 4/23/90
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

[illegible] 4-23-90
HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

[illegible] 4/17/90
DIRECTOR, PUBLIC WORKS DATE

[illegible] 4-16-90
CHIEF, BUREAU OF ENGINEERING DATE

SUBDIVISION NAME			SECTION/AREA		LOT NUMBERS
MONTGOMERY MEADOWS			1/2		LOTS 62 THRU 137
PLAT NO.	BLOCK NO.	ZONE	TAX/ZONE	ELEC.DIST.	CENSUS TR
9067-9069	14 120	R-20	31	1ST	
WATER CODE G01			SEWER CODE 2,900,000		

NOTES AND DETAILS

MONTGOMERY MEADOWS

SECTION ONE AREA TWO
LOTS 62 THRU 137

TAX MAP 31 P/O PARCEL 423
1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: APRIL 4, 1989
SHEET 12 OF 12

DRAWN: J.A.U.	DESIGNED: D.P.B.	CHECKED: D.D.B.	APPROVED: T.L.W.

S.D.P.-89-196

129720