

GENERAL NOTES

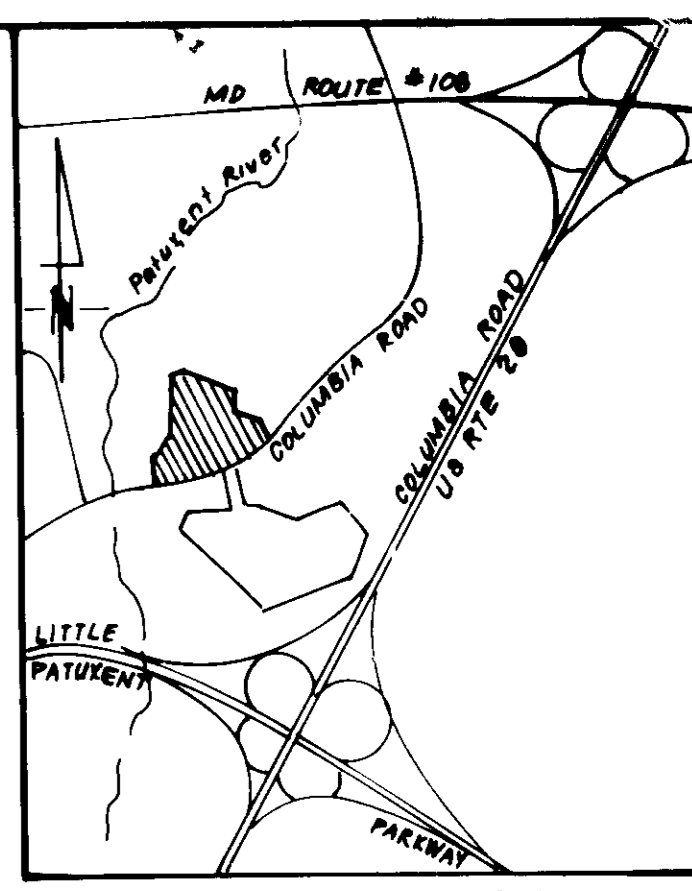
- The land included is zoned New Town, Single Family Attached per B-2 B5 Comprehensive Zoning Plan
- The coordinates shown herein are based on the Maryland State Grid System as projected by the Howard County Geodesic Office
- Property shown is located on 72 x 146 ft 30" Parcels 124 & 124
- All drives are privately owned and maintained
- Any damage to county owned rights-of-way shall be corrected at the developer's expense
- Storm Water Management is waived per P.85.15
- All materials and construction to be in accordance with the Howard County Road Construction Code and specifications
- Installation of traffic control devices shall be in accordance with the latest edition of the Manual of Uniform Traffic Control
- Topography was compiled from field survey
- Trench bedding for storm drains to be in accordance with Ho Co Sld. B-2.01 See detail sheet 3
- Information concerning underground utilities was obtained from available records, but the contractor must dig test pits, by hand, at all crossings well in advance of construction
- The contractor shall notify Construction Inspection/Survey Division, 24 hrs in advance of work at 992-2417 or 792-7277
- The developer agrees to work with the Dept. of Licenses & Inspection to resolve any problems caused by roof water discharge
- All downspout drains shall be handled by one of these methods:
 - Downspout on splash blocks and discharge onto ground having good permeation
 - Downspout in front of units piped to curb
 - Downspout connected to storm drain
- See Howard County Dept. of Planning & Zoning File Nos.: F-86-26, F-86-55, S-88-70, WP-88-110, WP-89-13 & F-89-251
- Minimum building setback restrictions from the property lines and right of way are to Columbia Road to be in accordance with F.D.P. 131-A
- Building N2 2 is reverse except unit N2 7 "E" is per plan

LEGEND

- Contour Interval 2 Ft
- Existing Contour 150
- Proposed Contour 150
- Spot Elevation +50.5
- Direction of Drainage 15" RCP
- Proposed Storm Drain 8" S
- Private Sewer 4" W
- Private Water 4" W
- Private Water House Connection
- Private Sewer House Conn
- 100 YR Flood Plain Elev. 138.1
- Modified Curb and Gutter (Note Contractors Option)
- Walkout Basement WOB

SITE ANALYSIS

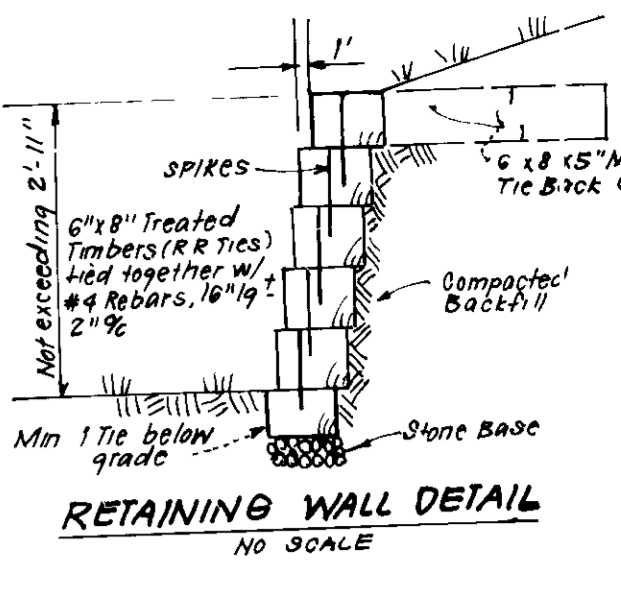
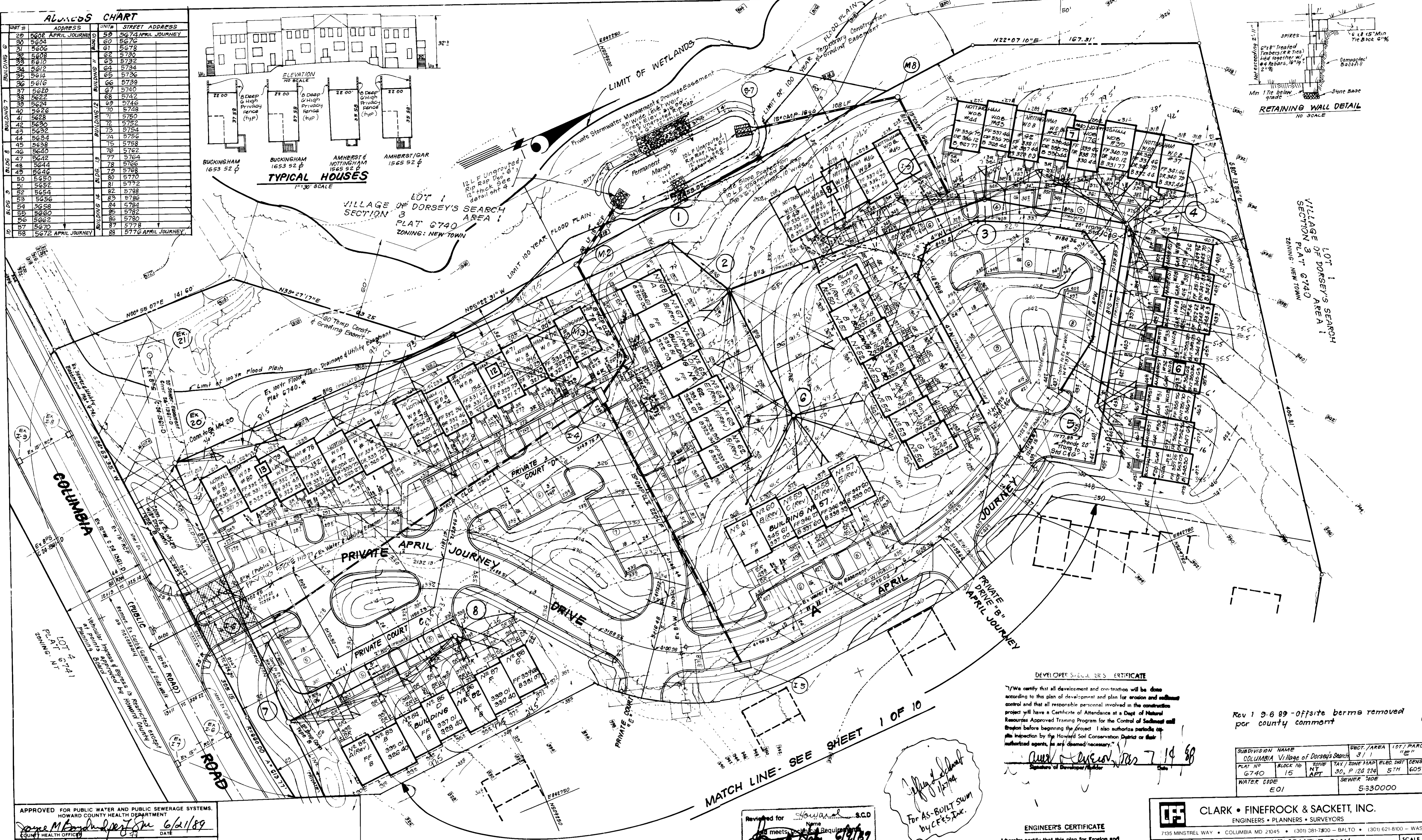
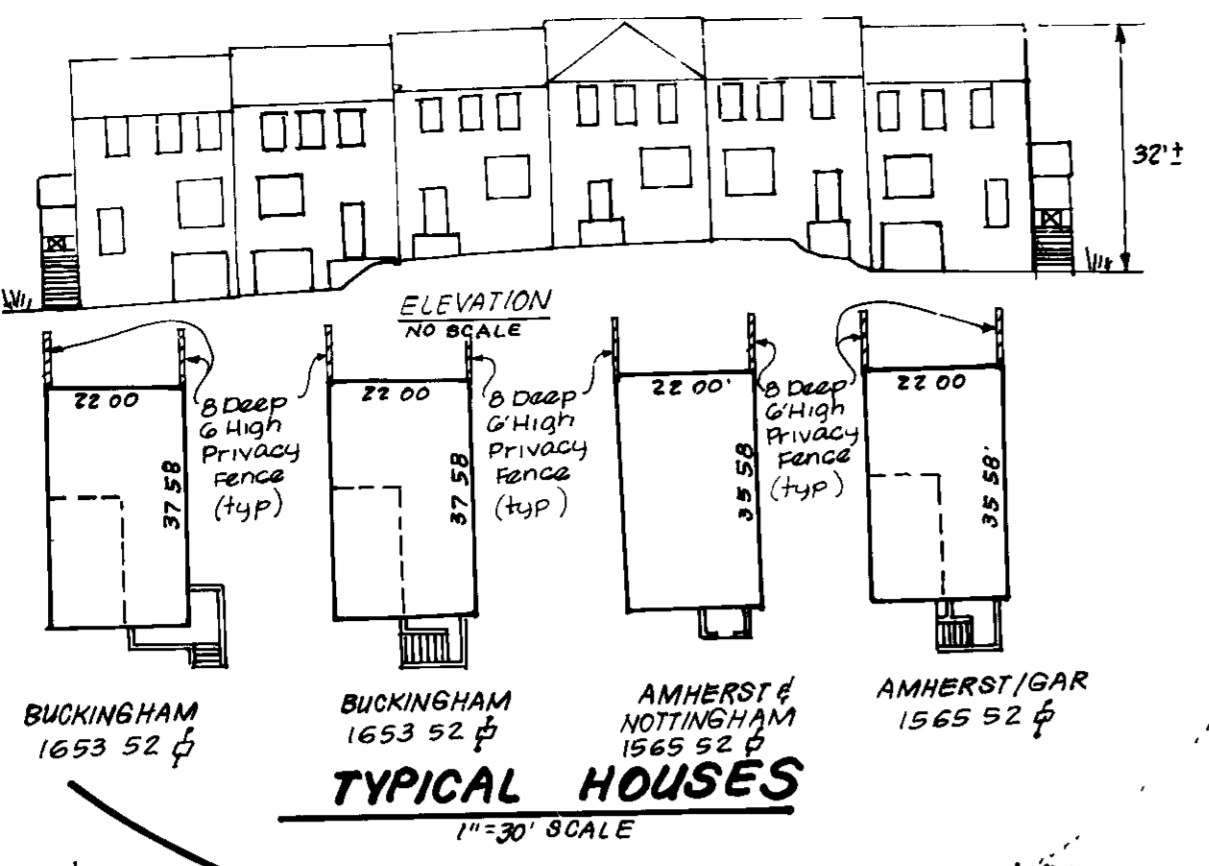
- Zoned New Town Single Family Attached
- Area of Parcel 12.75 Acres
- No. of Units Permitted 127
- No. of Units Proposed 125
- Parking Spaces Required (1/Unit) 250
- Parking Spaces Provided:
 - Private Parking 96
 - Common Parking 132
 - Total 228
- Building Coverage No Limit
- All units having one car garages shall be used for parking purposes only in accordance with F.D.P. 131-A and Section 127 B.2 b(18) of the Ho Co Zoning Regulations



ADDRESS CHART

UNIT	STREET ADDRESS	UNIT	STREET ADDRESS
1	5500 APRIL JOURNEY	34	5716 APRIL JOURNEY
2	5502	35	5714
3	5504	36	5712
4	5506	37	5710
5	5508	38	5708
6	5510	39	5706
7	5514	40	5702
8	5516	41	5700
9	5518	42	5698
10	5520	43	5696
11	5522	44	5694
12	5524	45	5692
13	5526	46	5690
14	5528	47	5688
15	5530	48	5686
16	5534	49	5684
17	5536	50	5682
18	5538	51	5680
19	5540	52	5678
20	5542	53	5676
21	5544	54	5674
22	5546	55	5672
23	5548	56	5670
24	5550	57	5668
25	5552	58	5666
26	5554	59	5664
27	5556	60	5662
28	5558	61	5660
29	5560	62	5658
30	5562	63	5656
31	5564	64	5654
32	5566	65	5652
33	5568	66	5650
34	5570	67	5648
35	5572	68	5646
36	5574	69	5644
37	5576	70	5642
38	5578	71	5640
39	5580	72	5638
40	5582	73	5636
41	5584	74	5634
42	5586	75	5632
43	5588	76	5630
44	5590	77	5628
45	5592	78	5626
46	5594	79	5624
47	5596	80	5622
48	5598	81	5620
49	5600	82	5618
50	5602	83	5616
51	5604	84	5614
52	5606	85	5612
53	5608	86	5610
54	5610	87	5608
55	5612	88	5606
56	5614	89	5604
57	5616	90	5602
58	5618	91	5600
59	5620	92	5598
60	5622	93	5596
61	5624	94	5594
62	5626	95	5592
63	5628	96	5590
64	5630	97	5588
65	5632	98	5586
66	5634	99	5584
67	5636	100	5582
68	5638	101	5580
69	5640	102	5578
70	5642	103	5576
71	5644	104	5574
72	5646	105	5572
73	5648	106	5570
74	5650	107	5568
75	5652	108	5566
76	5654	109	5564
77	5656	110	5562
78	5658	111	5560
79	5660	112	5558
80	5662	113	5556
81	5664	114	5554
82	5666	115	5552
83	5668	116	5550
84	5670	117	5548
85	5672	118	5546
86	5674	119	5544
87	5676	120	5542
88	5678	121	5540
89	5680	122	5538
90	5682	123	5536
91	5684	124	5534
92	5686	125	5532
93	5688	126	5530
94	5690	127	5528
95	5692	128	5526
96	5694	129	5524
97	5696	130	5522
98	5698	131	5520
99	5700	132	5518
100	5702	133	5516
101	5704	134	5514
102	5706	135	5512
103	5708	136	5510
104	5710	137	5508
105	5712	138	5506
106	5714	139	5504
107	5716	140	5502
108	5718	141	5500
109	5720	142	5498
110	5722	143	5496
111	5724	144	5494
112	5726	145	5492
113	5728	146	5490
114	5730	147	5488
115	5732	148	5486
116	5734	149	5484
117	5736	150	5482
118	5738	151	5480
119	5740	152	5478
120	5742	153	5476
121	5744	154	5474
122	5746	155	5472
123	5748	156	5470
124	5750	157	5468
125	5752	158	5466
126	5754	159	5464
127	5756	160	5462
128	5758	161	5460
129	5760	162	5458
130	5762	163	5456
131	5764	164	5454
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142	5786	175	5432
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144	5790	177	5428
145	5792	178	5426
146	5794	179	5424
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154	5810	187	5408
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283	6068	316	5150
284	6070	317	5148
285	6072	318	5146
286	6074	319	5144
287	6076	320	5142
28			

UNIT #	ADDRESS	UNIT	STREET ADDRESS
29	5602 APRIL JOURNEY	59	5674 APRIL JOURNEY
30	5604	60	5676
31	5606	61	5678
32	5608	62	5680
33	5610	63	5682
34	5612	64	5684
35	5614	65	5686
36	5616	66	5688
37	5620	67	5692
38	5622	68	5694
39	5624	69	5696
40	5626	70	5698
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43	5632	73	5704
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49	5646	79	5718
50	5650	80	5722
51	5652	81	5724
52	5654	82	5726
53	5656	83	5728
54	5658	84	5730
55	5660	85	5732
56	5662	86	5734
57	5670	87	5742
58	5672 APRIL JOURNEY	88	5744 APRIL JOURNEY



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 6/21/89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 6-30-89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 6/16/89

2-1-89
LKS

NO	Rev BUILDING NUMBERS 50, 57, 62 & 82 grading REVISIONS	Date
1		12 10 81
2		

MATCH LINE - SEE SHEET 1 OF 10

Reviewed for Howard Co. S.C.D.
Name: [Signature]
Date: 6/18/89
Signature: [Signature]
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Jeffrey J. [Signature]
For AS-BUILT SWM by C.F.S.D.C.



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 Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer: [Signature]
Date: 7-14-88

Rev 1 9-6 89 - offsite berms removed per county comment

SUBDIVISION NAME	SECT./AREA	1ST/ PARCEL
COLUMBIA Village of Dorsey's Search	3 / 1	11E
PLAT NO	TAX / ZONE MAP	ELEC. DIST
6740	15	30, P 120 224
WATER CODE	SEWER CODE	DENSITY TR
E01	5330000	5TH
		6052 02

CLARK • FINECROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH

SITE DEVELOPMENT PLAN
PARCEL E

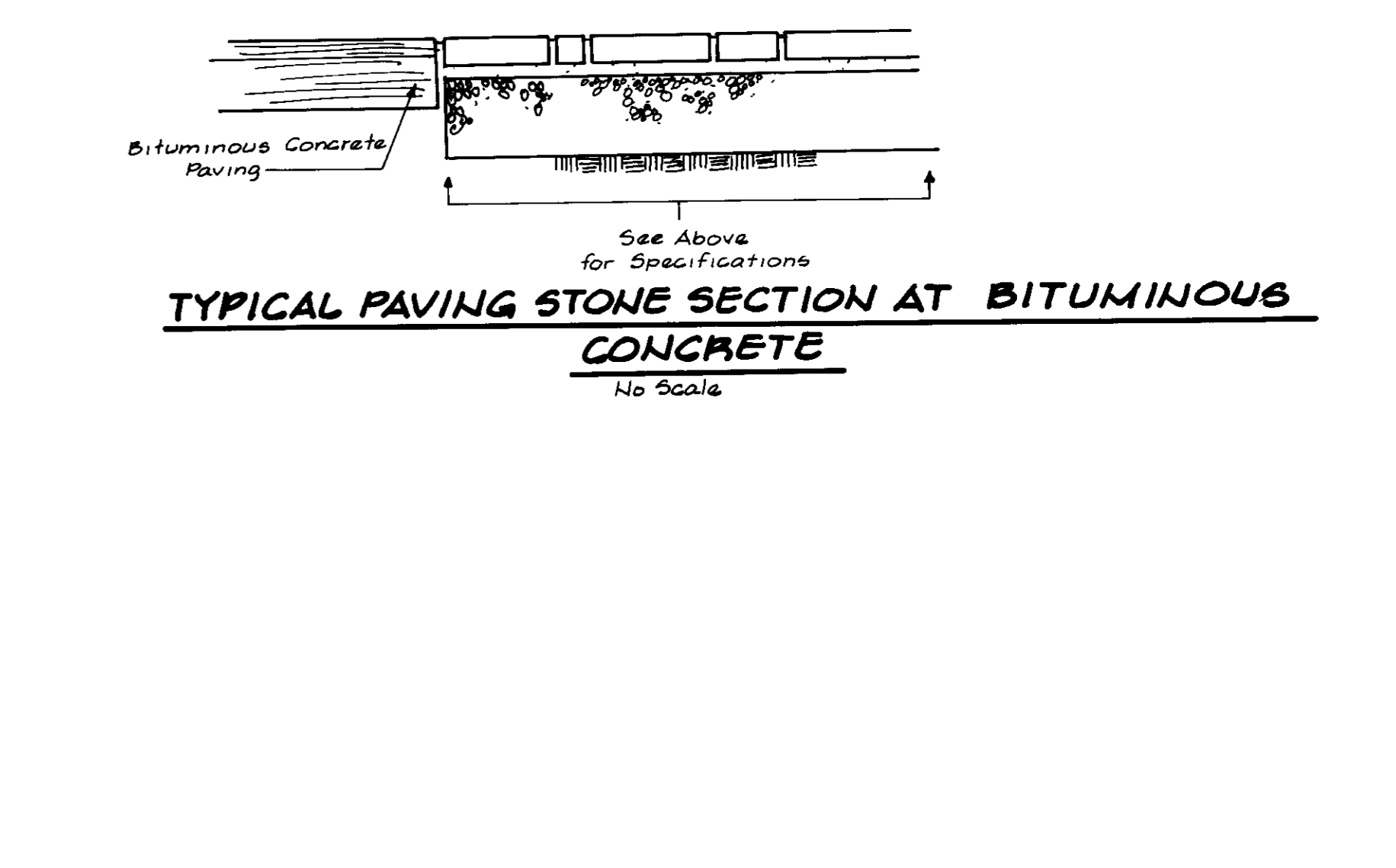
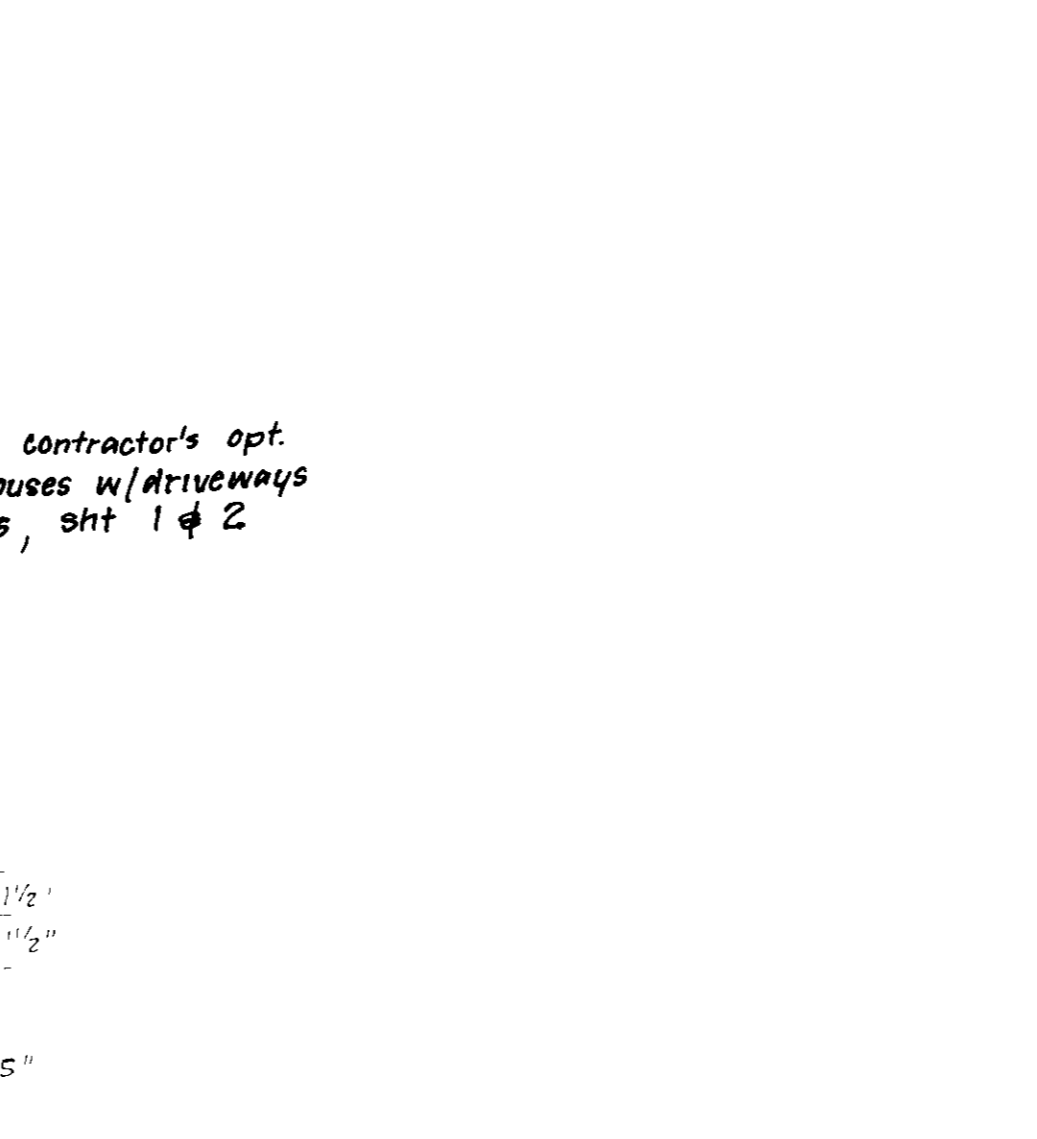
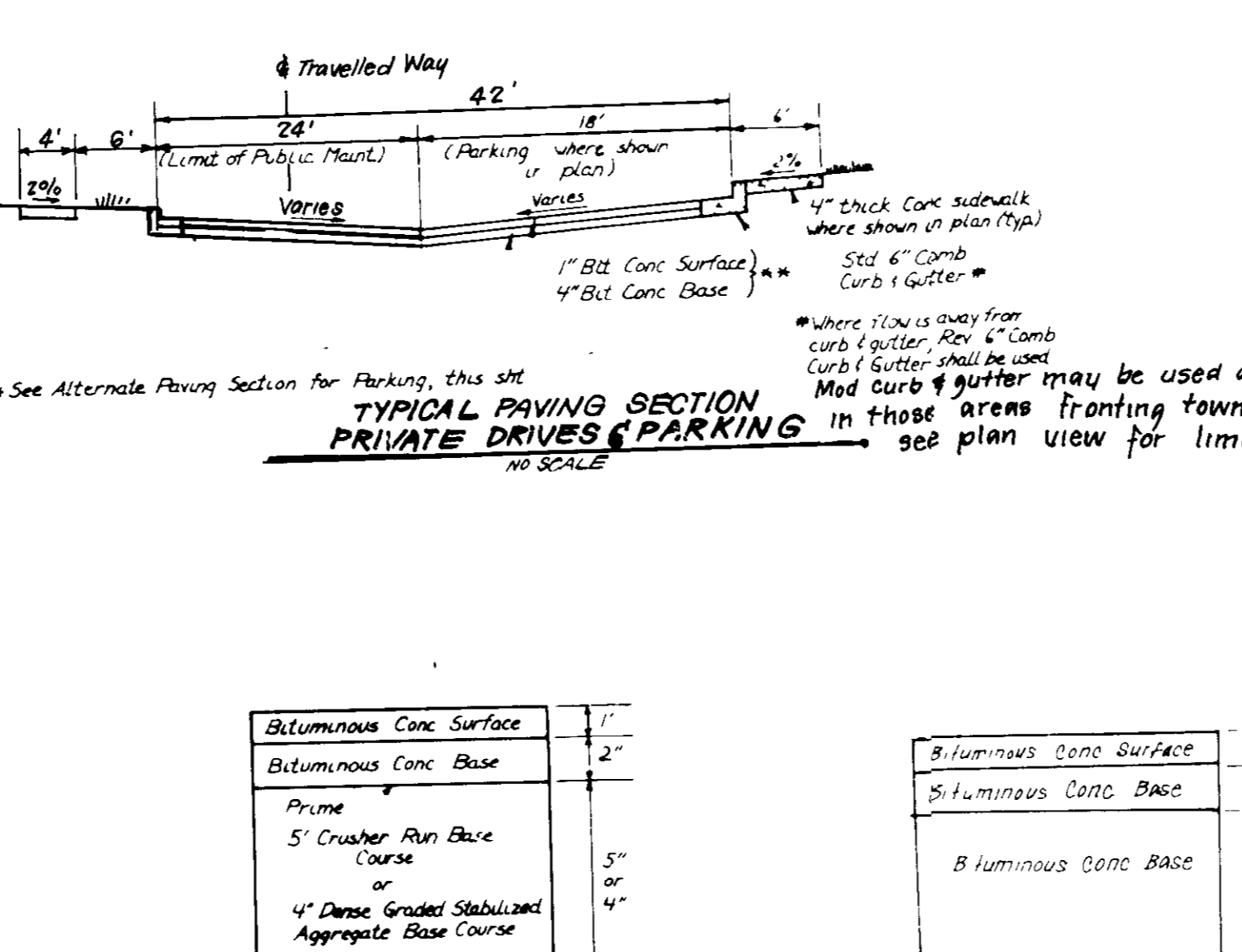
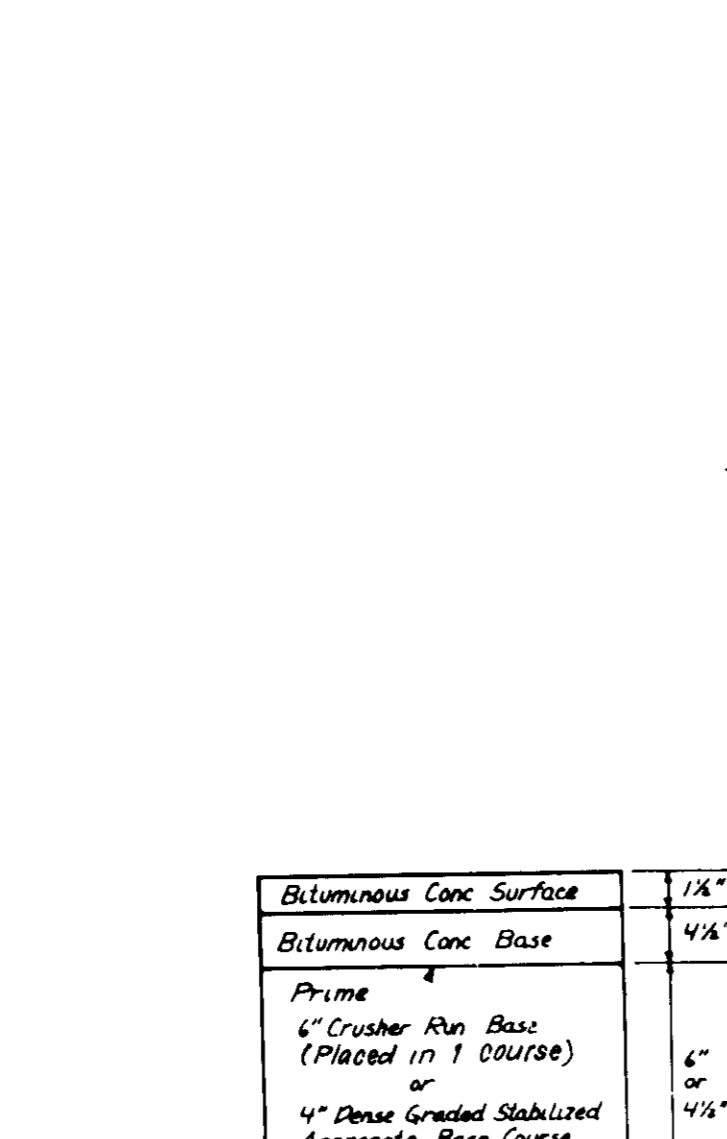
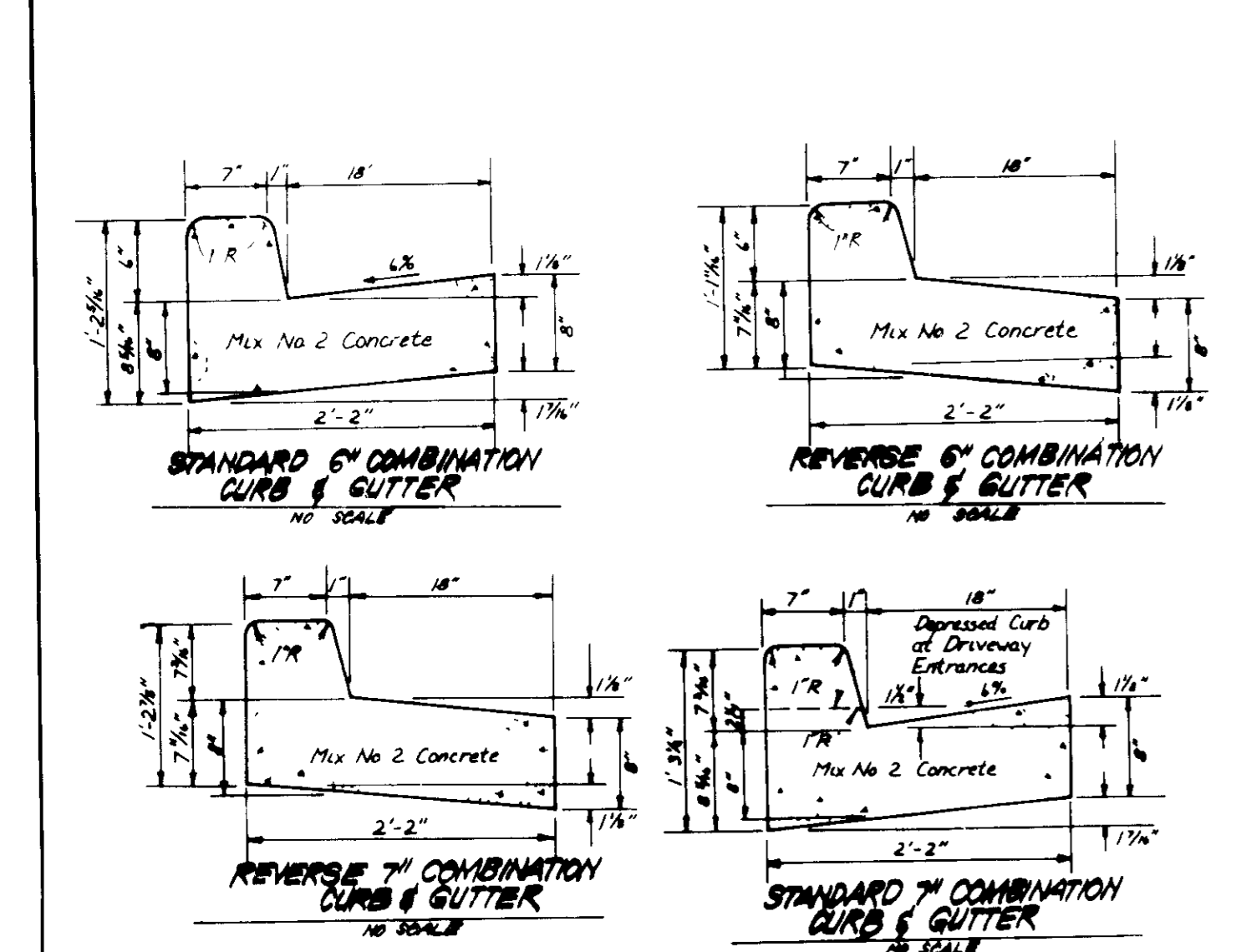
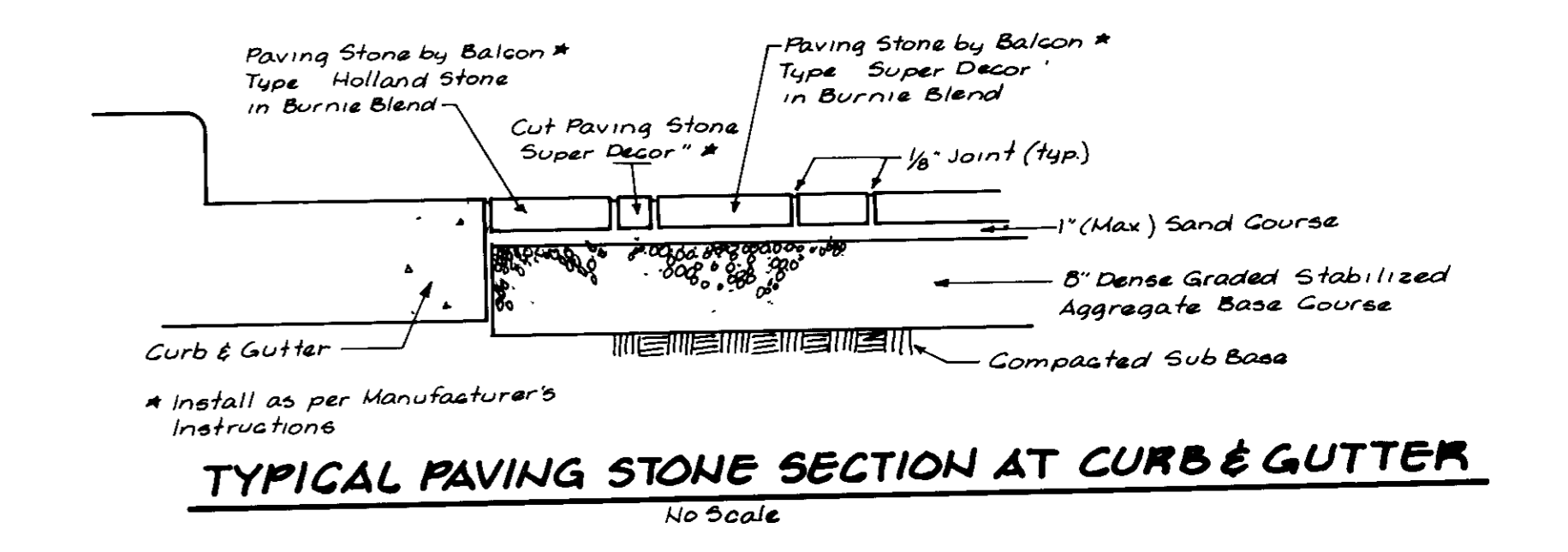
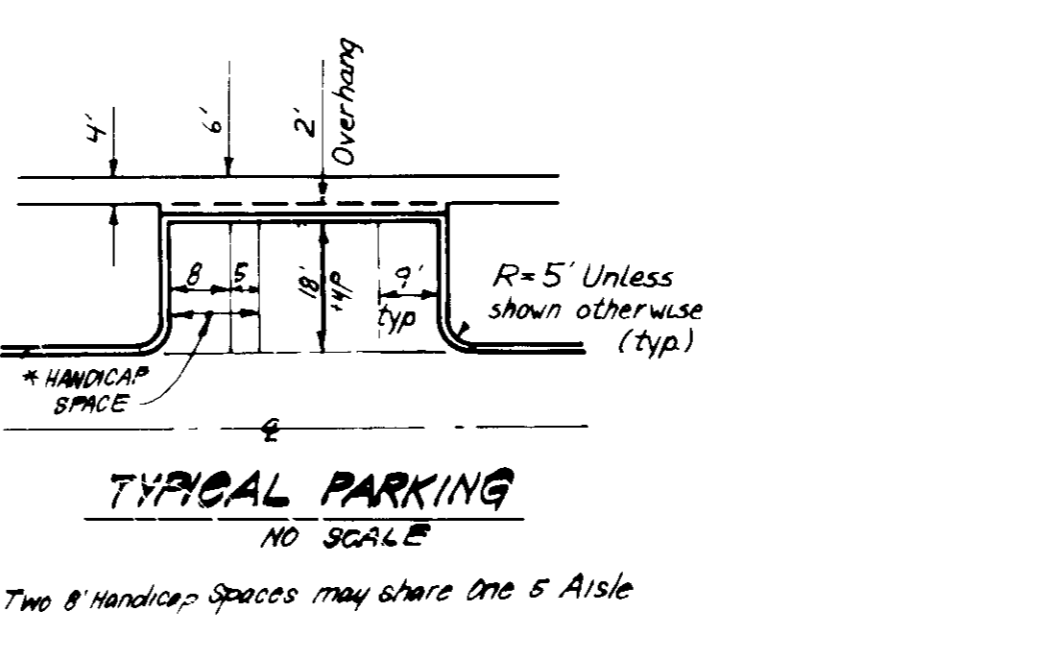
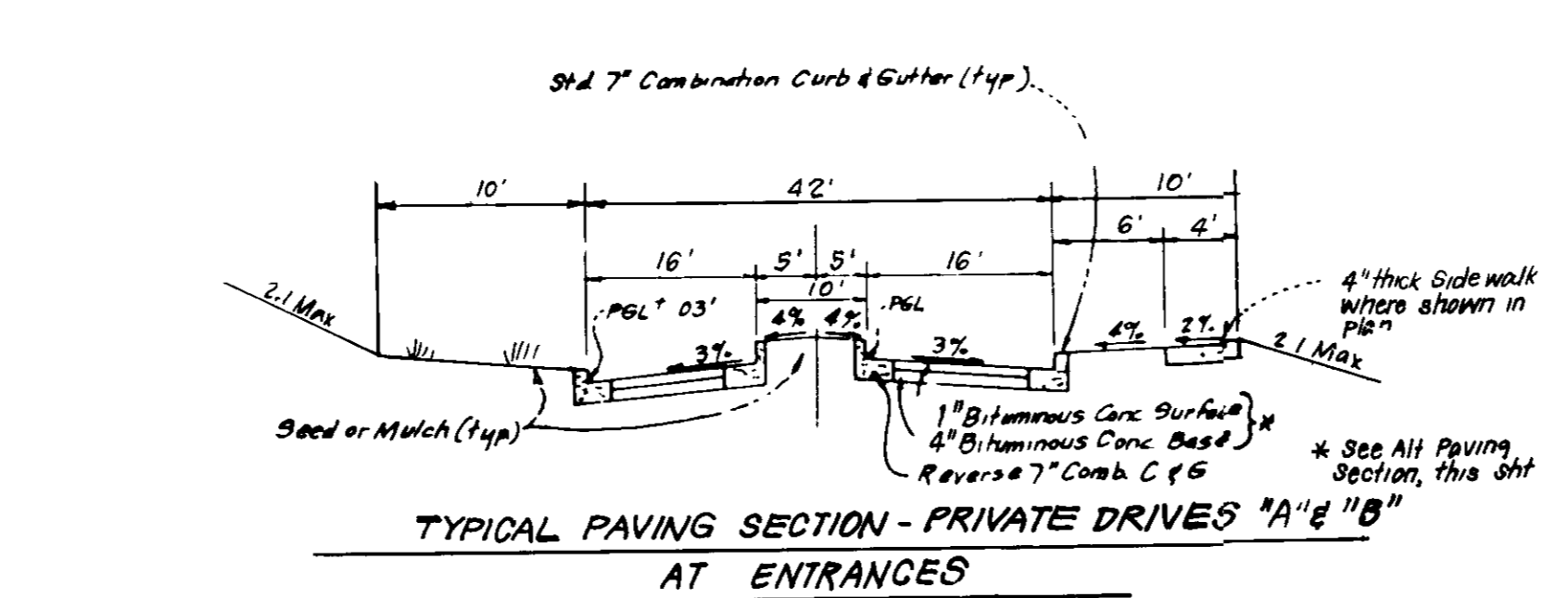
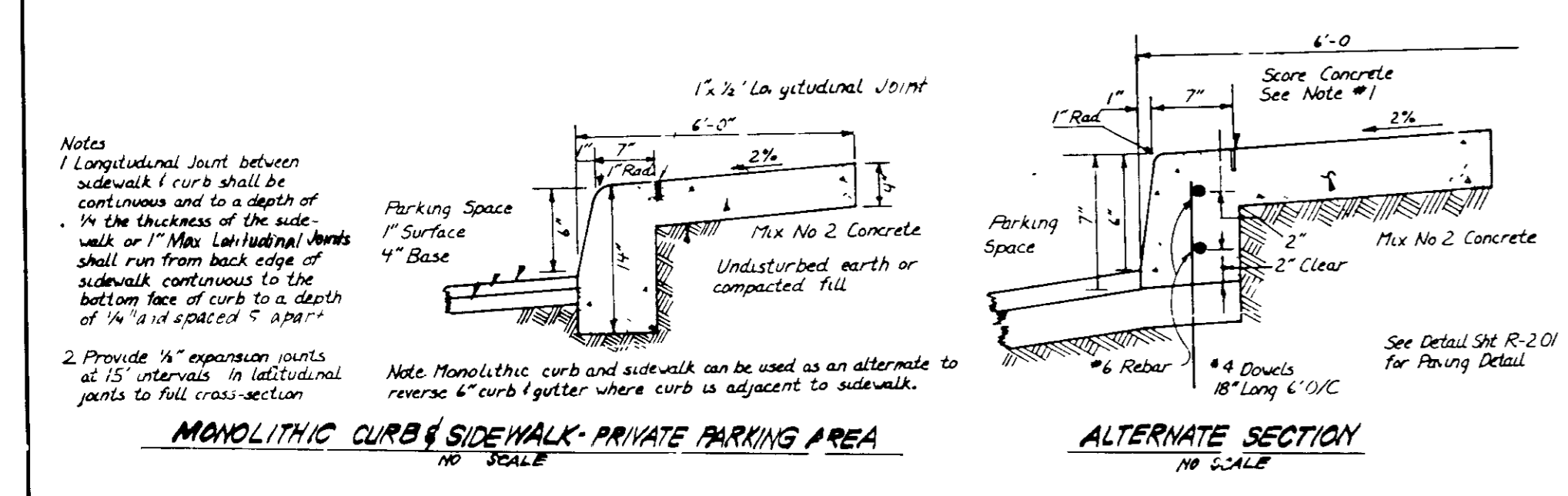
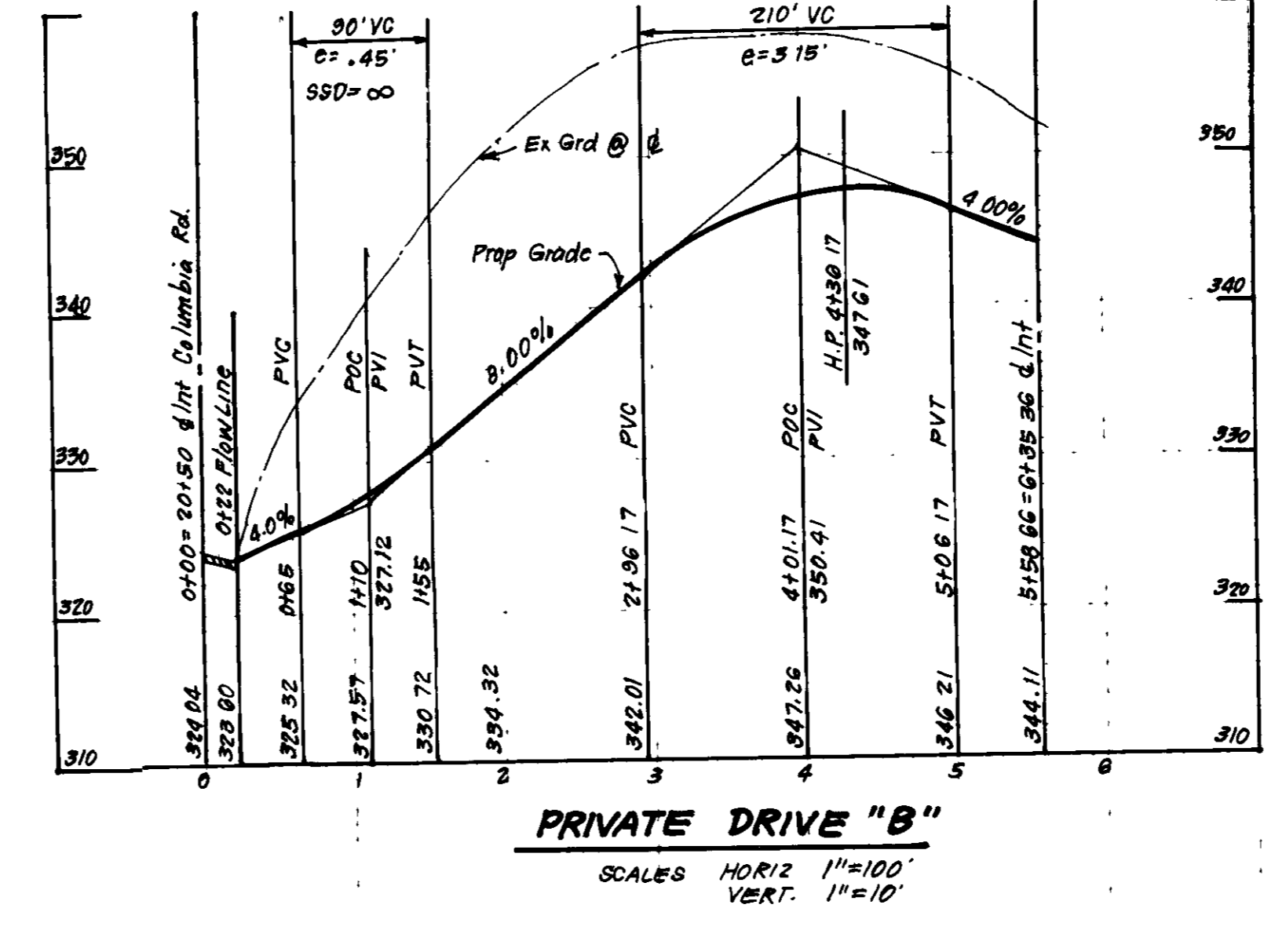
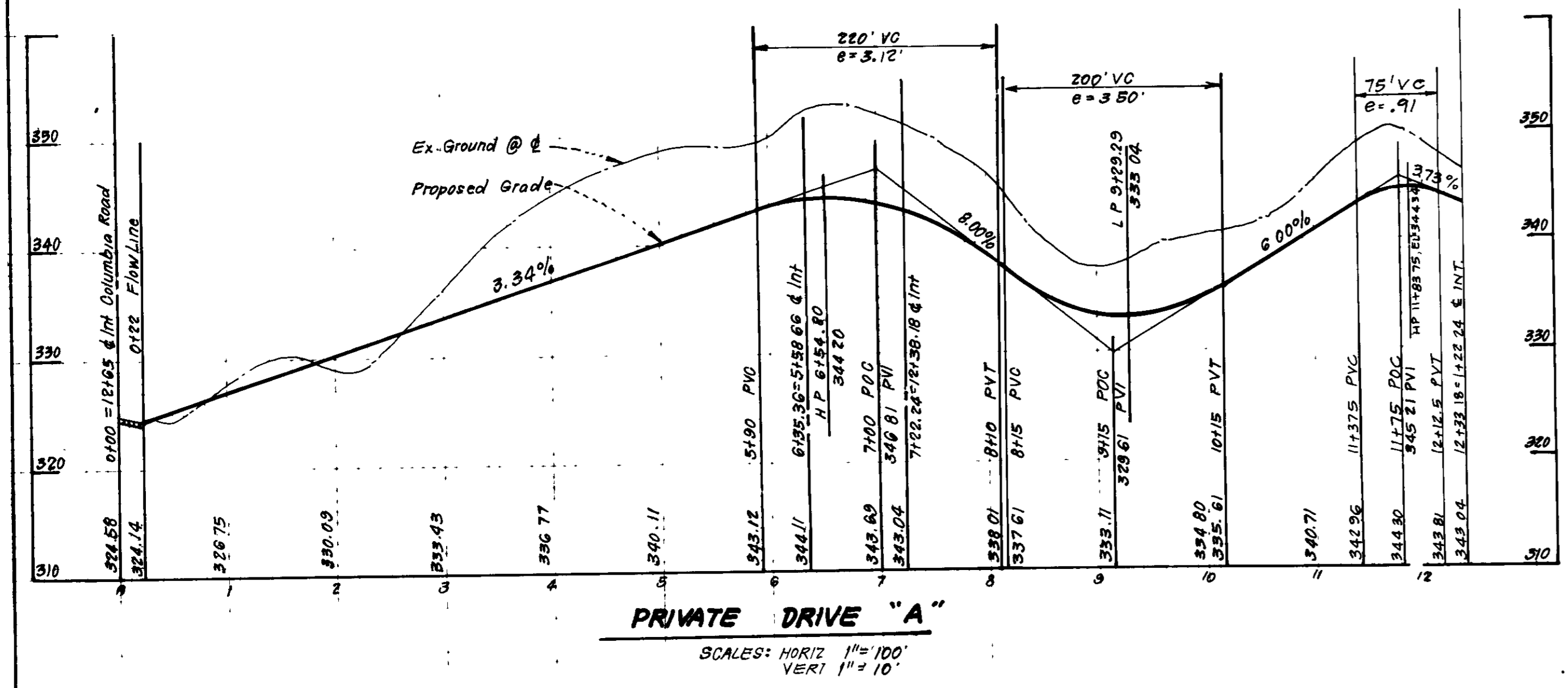
COLUMBIA
VILLAGE OF DORSEY'S SEARCH SECTION 3 AREA 1
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR N V HOMES
7601 LEWINSVILLE ROAD, SUITE 301
MCLEAN, VA 22102

DESIGNED: JME.
DRAWN: JME.
CHECKED: JME.
DATE: 7-13-88

SCALE: 1"=30'
DRAWING: 2 OF 10
JOB NO: 87.152
FILE NO: 87.152-X

AS-BUILT 10/2/89 SDP-89-17

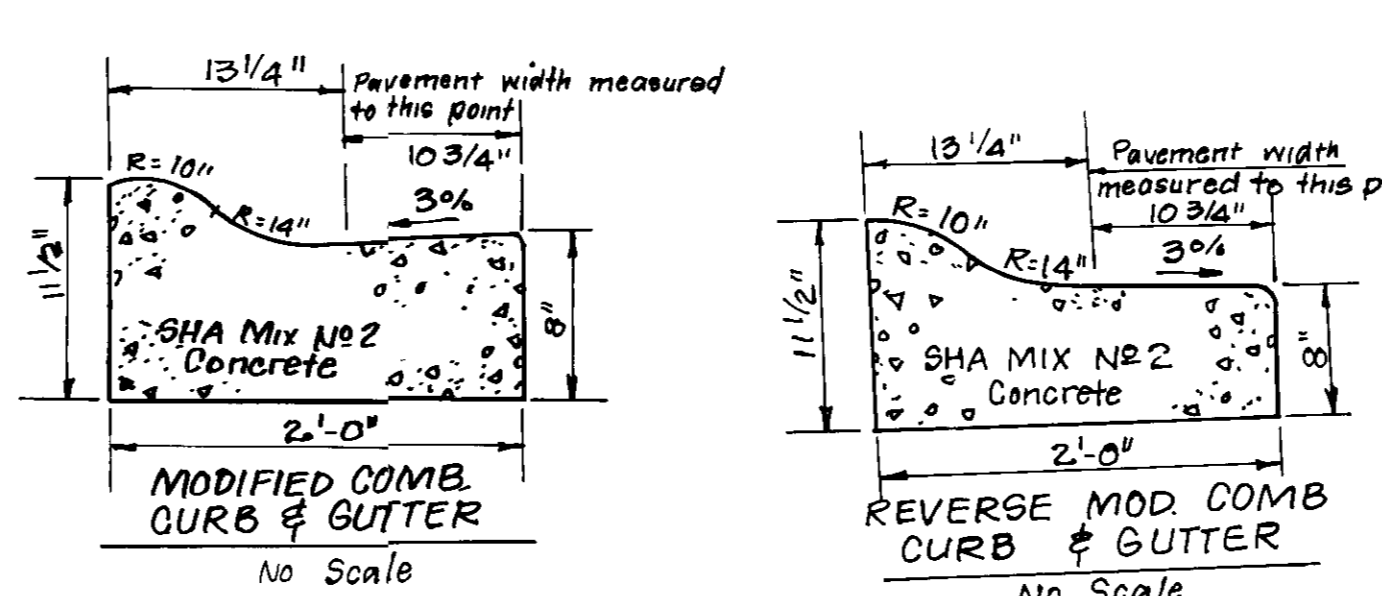


APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 DATE 6/21/89
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 6.20.89
 CHIEF DIVISION OF COMMUNITY & PLANNING AND LAND DEVELOPMENT
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 6/21/89
 CHIEF BUREAU OF ENGINEERING

ALTERNATE PAVING SECTION FOR MAJOR & MINOR COLLECTOR
 STA 0100 to 0140 PRIVATE DRIVES A & B
 (SECTION P-3)
 NO SCALE

ALTERNATE PAVING SECTION FOR PARKING AREAS & PRIVATE DRIVES
 (SECTION P-1)
 NO SCALE

PAVING SECTION FOR MAJOR & MINOR COLLECTOR
 STA 0100 to 0140 PRIVATE DRIVES A & B
 (SECTION P-3)
 NO SCALE



SUBDIVISION NAME COLUMBIA Village of Dorsey's Search		SHEET / AREA 3 / 1	LOT / PARCEL E
PLAT NO. 6740	BLOCK NO. 15	TAX. ZONE MAP 30, P. 22 224	DIS. / CENSUS 57 / G052 02
WATER CODE E01		SEWER CODE 5630000	

CLARK • FINEFROCK & SACKETT, INC
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSFIEL WAY • COLUMBIA MD 21045 • (301) 381 7200 BALTO • (301) 671-310

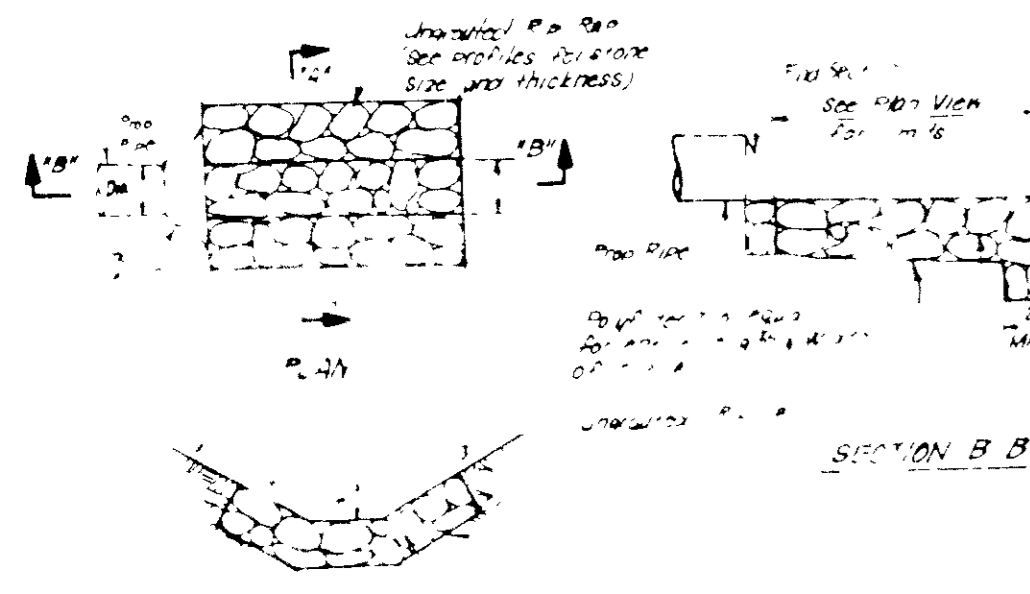
SITE DEVELOPMENT PLAN
 PARCEL E
 PAVING DETAILS
COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3 AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DESIGNED: DGT
 DRAWN: KIW
 CHECKED: DGT
 DATE: 7-13-88

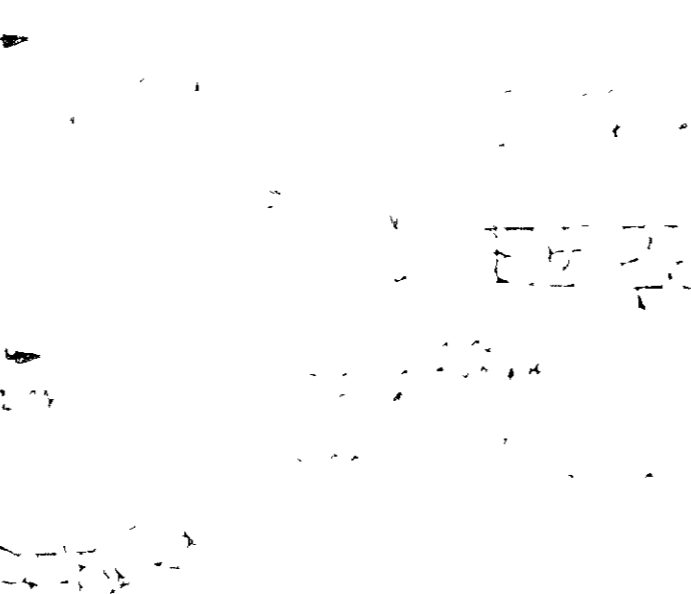
SCALE: 1"=30'
 DRAWING: 3 OF 10
 JOB NO: 87-152
 FILE NO: 87-152-X

FOR N V Homes
 7601 Lewinsville Road, Suite 301
 McLean, VA 22102

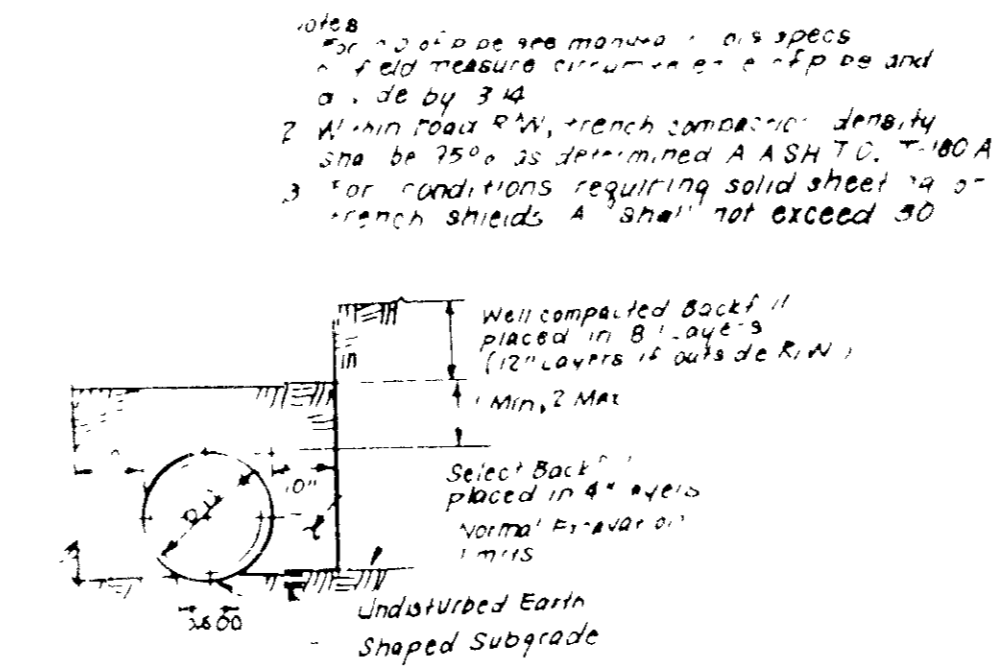
AS-BUILT 7/25/89 SDP-89-17



SECTION A-A (STR.'S S-10 and S-15)
UNGROUTED RIPRAP PAVING DETAILS



SECTION B-B (STR.'S S-1 and S-7)
UNGROUTED RIPRAP PAVING DETAILS



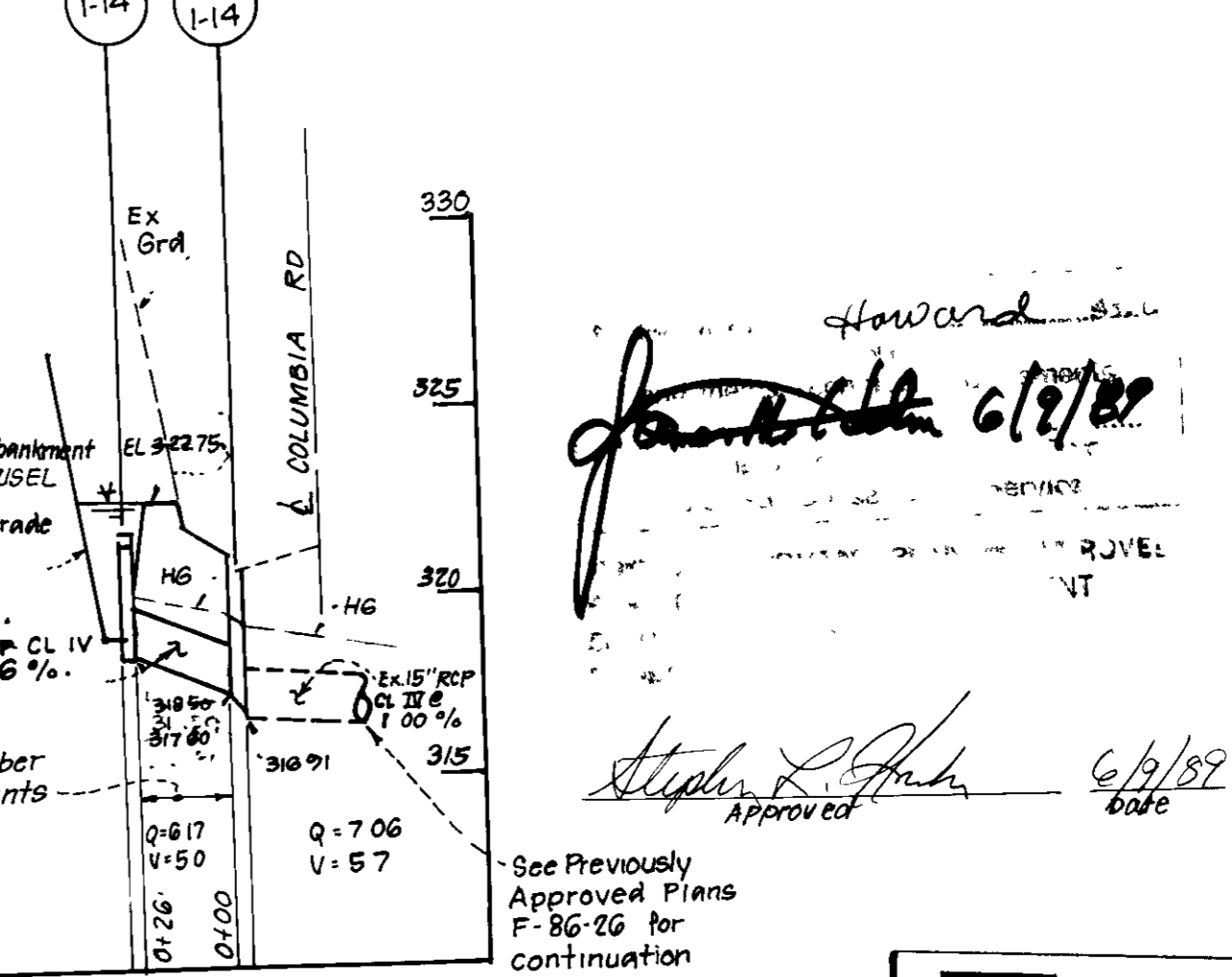
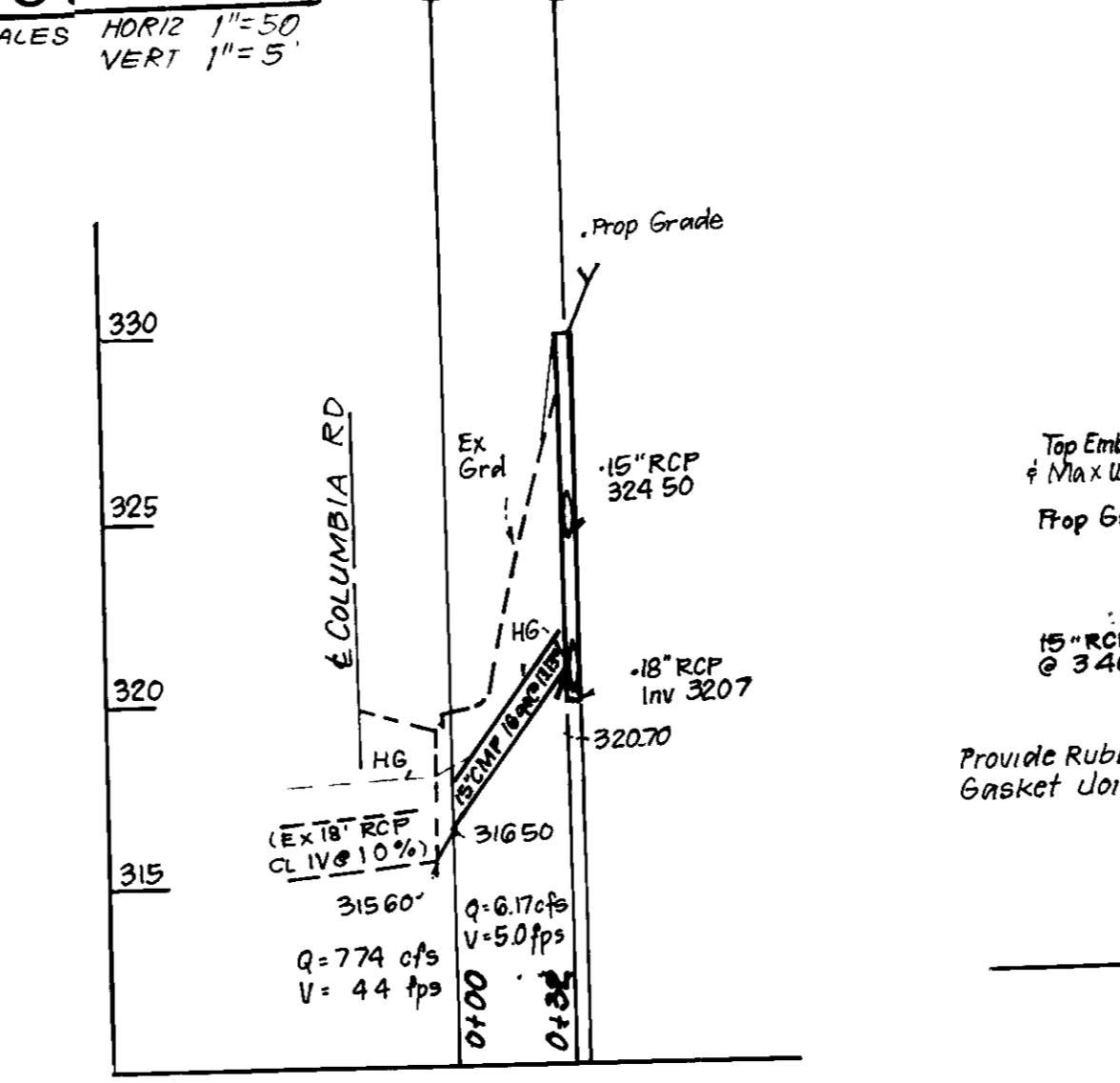
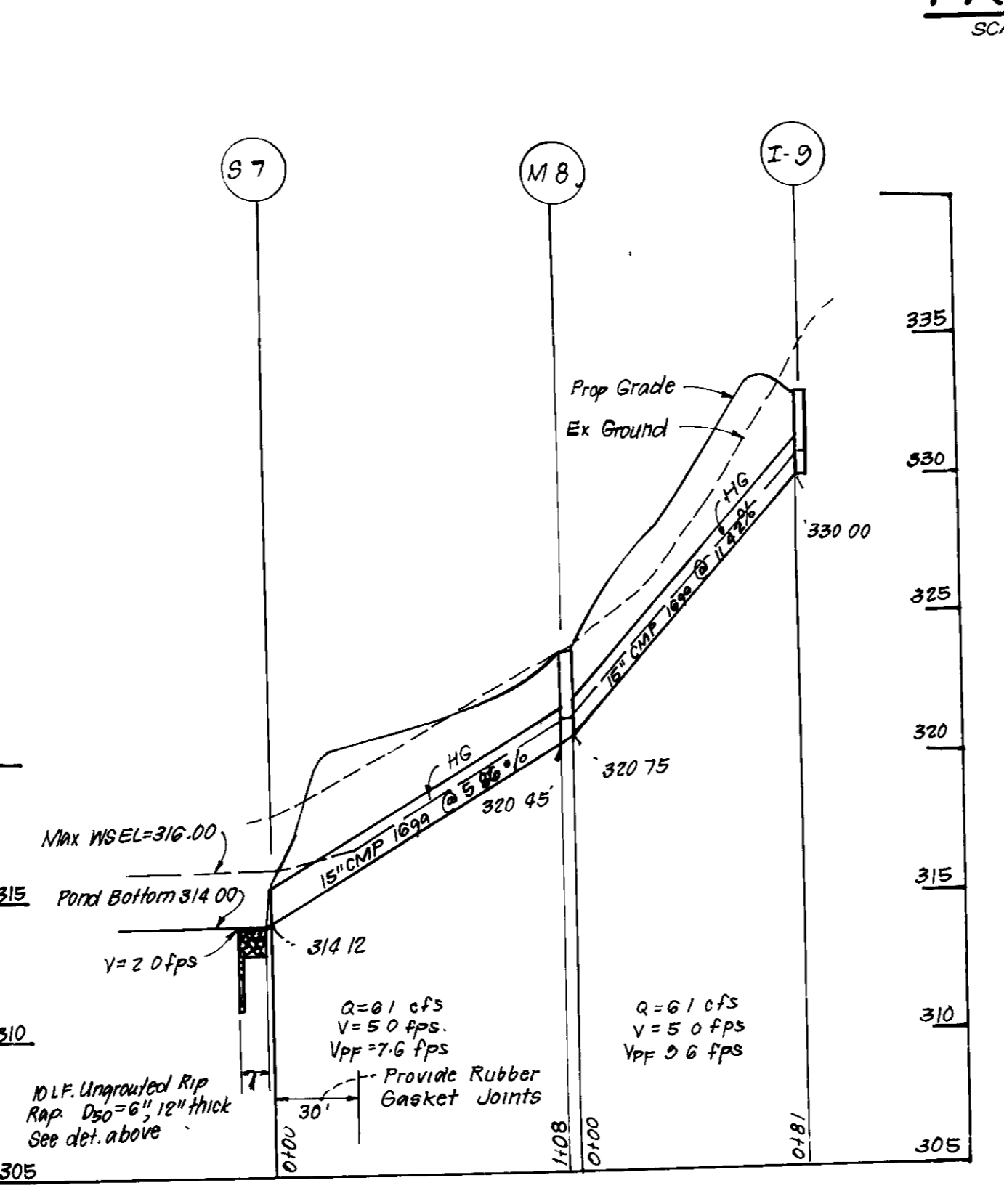
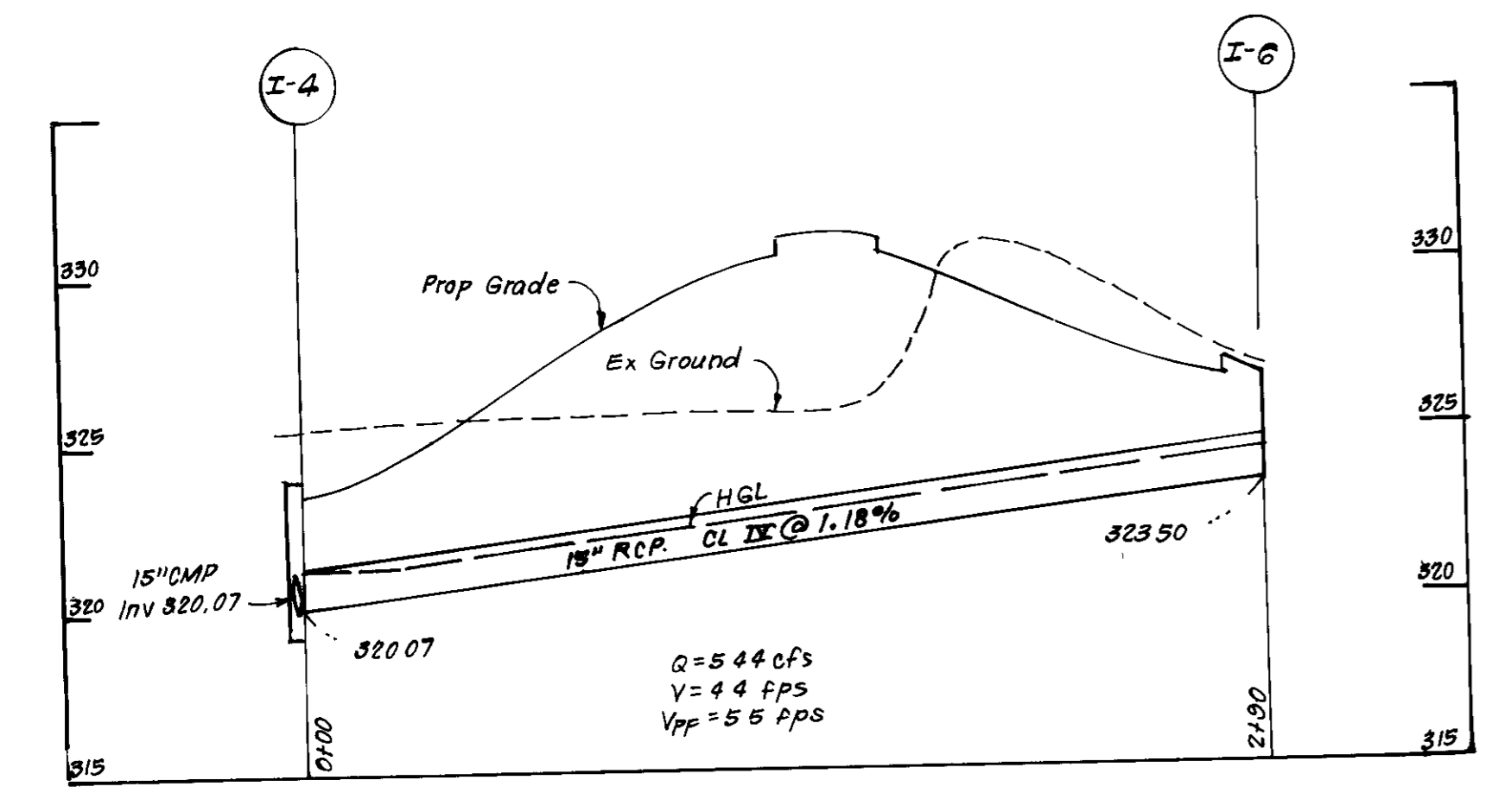
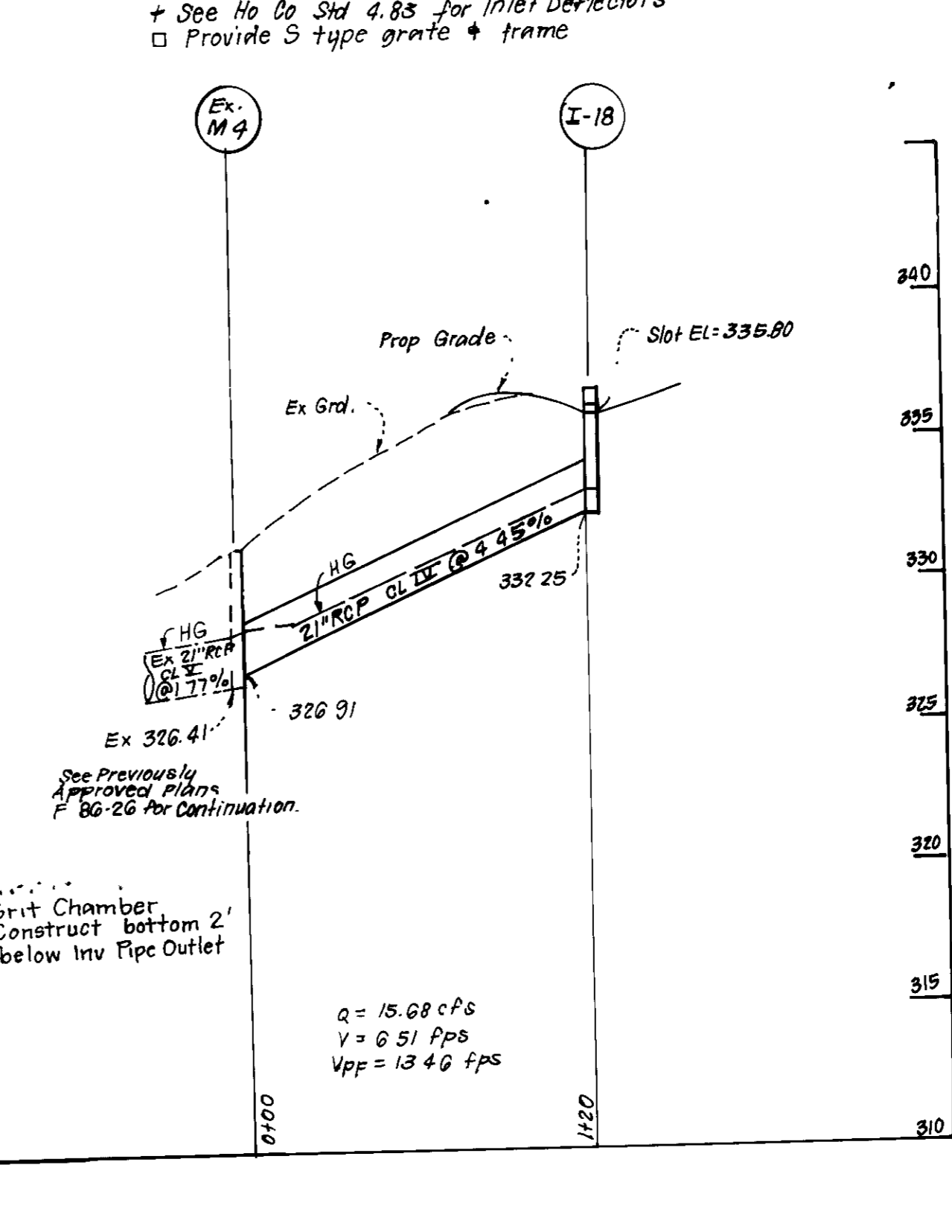
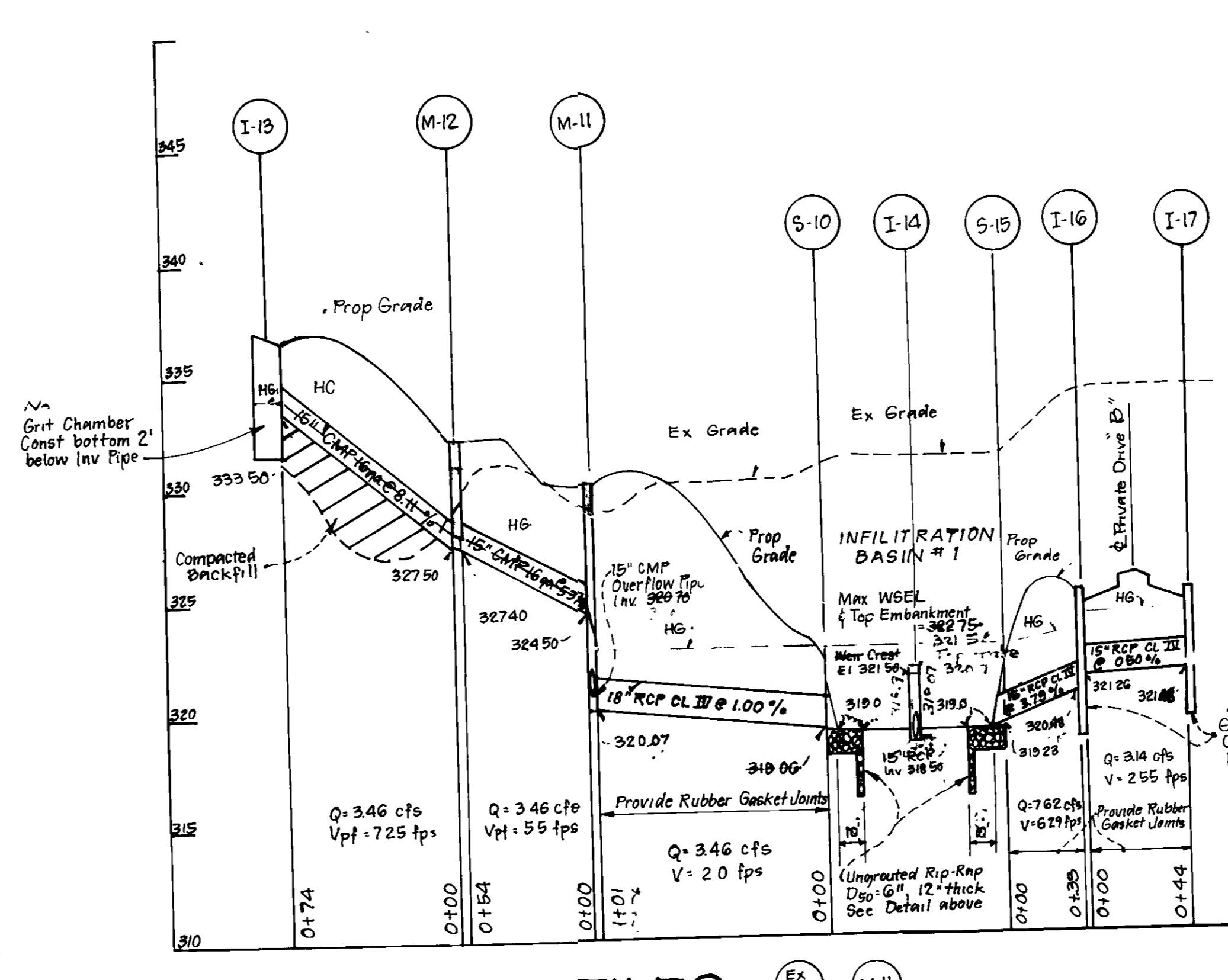
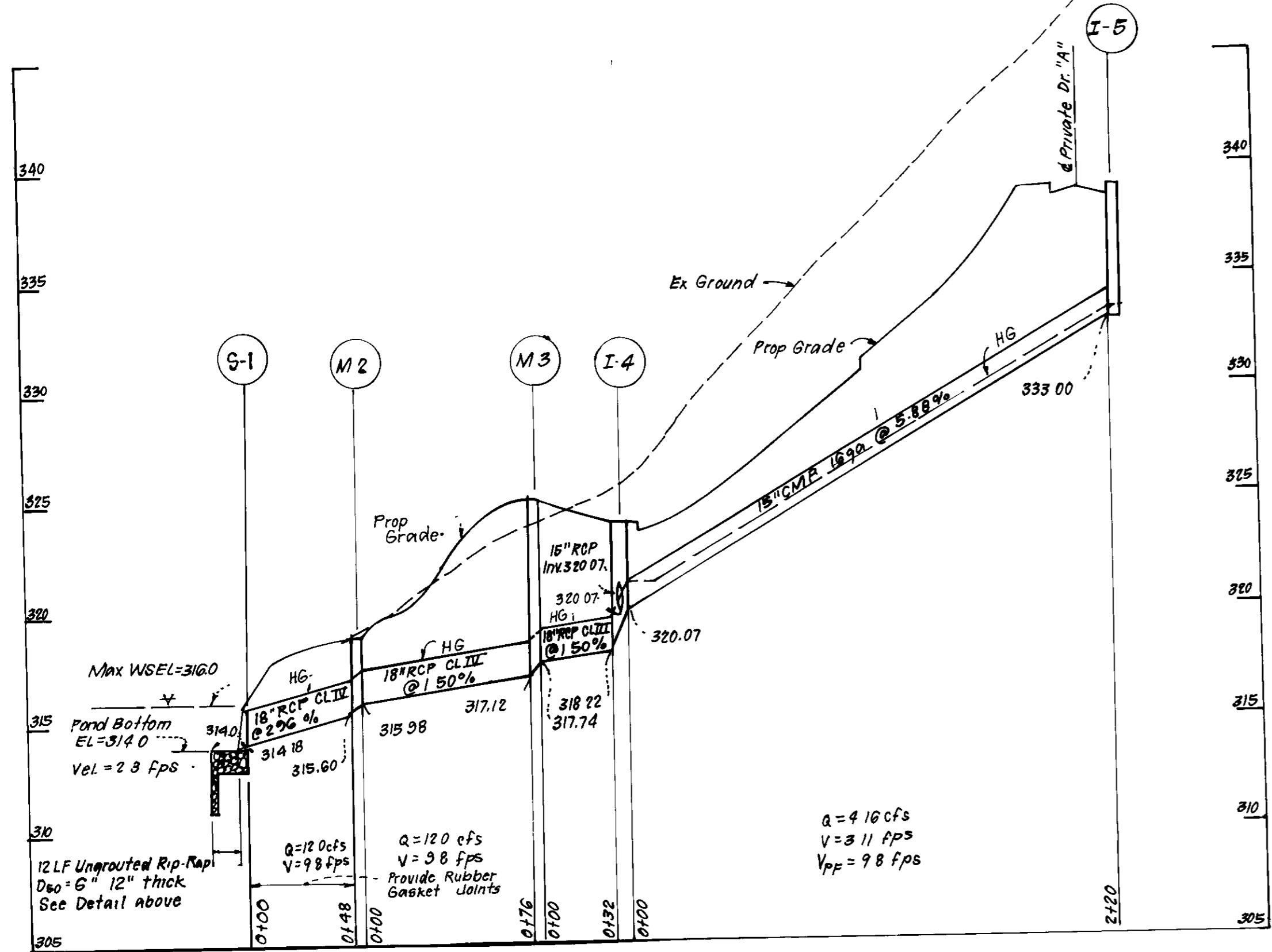
TRENCH COMPACTION DETAIL

NO	TYPE	INV IN	INV OUT	TOP ELEVATION		REMARKS	LOCATION
				UPPER	LOWER		
S-1	Conc. End Section	314.18	314.00			Ho. Co. Sid. SD 5.51 15"Ø	See Plan
M-2	Shallow Brick MH	315.98	315.60	319.00		G 5.05 48"Ø	See Plan
M-3	Std. Brick Manhole	317.74	317.12	325.00		G 5.01 48"Ø	See Plan
I-4	A-10 Inlet	320.07	318.22	323.90	323.50	SD 4.02 W=2'6"	See Plan
I-5	A-10 Inlet w/Deflec.		323.00	329.75	329.37	SD 4.02 W=2'6"	4.8th 0186 Priv. Dr. A 12R
I-6	A-10 Inlet w/Deflec.		323.50	326.75	326.37	SD 4.02 W=2'6"	4.8th 0186 Priv. Dr. A 12R
S-7	Metal End Section	314.12	314.00			SD 5.61 15"Ø	See Plan
M-8	Shallow Brick MH	320.75	320.45	323.75		G 5.05 48"Ø	"
I-9	A-10 Inlet	320.75	320.00	330.00		SD 4.02 W=2'6"	"
S-10	Conc. End Section	319.06	319.00			SD 5.51 18"Ø	"
M-11	Std. Brick MH	324.50	320.07	330.00		G 5.01 48"Ø	"
M-12	Shallow Brick MH	327.50	327.40	332.00		G 5.05 48"Ø	"
I-13	A-10 Inlet		327.50	336.90	336.50	SD 4.02 W=2'6"	"
I-14	A-10 Inlet		318.50	321.83		SD 4.11 2'6"Ø	"
I-15	Conc. End Section	319.23	319.00			SD 5.51 18"Ø	See Plan
I-16	A-10 Inlet w/Deflec.	321.22	320.48	325.21	324.75	SD 4.02 W=2'6"	4.8th 0186 Priv. Dr. B 12R
I-17	A-10 Inlet w/Deflec.		321.48	325.21	324.75	SD 4.02 W=2'6"	4.8th 0186 Priv. Dr. B 12R
I-18	D-Inlet		332.25	336.63		SD 4.11 W=2'6"	See Plan

* Slots on all sides
 Δ All Inverts to be fully developed.
 + See Ho. Co. Sid. 4.83 for Inlet Deflectors
 □ Provide S type grate + frame

SIZE	TYPE	LENGTH
16"	RCP CL III	303 LF
15"	CMP 16"	560 LF
18"	RCP CL III	257 LF
21"	RCP CL III	120 LF

* Use 2 1/2" x 1/2" corrugation



PROFILES
 SCALES HOR: 1"=50'
 VERT: 1"=5'

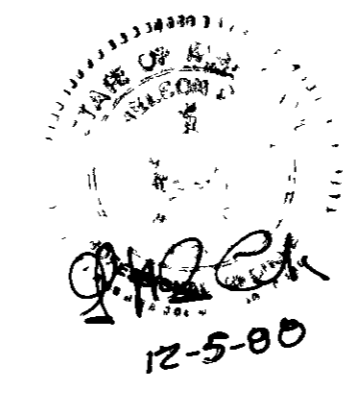
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 James M. Boydman, Director
 DATE: 6/2/89

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 DATE: 6/2/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE: 6/16/89

2-1-89
 LKS

For ASBUILT SWM
 by CFS, Inc.



Howard
 6/2/89
 Approved
 6/18/89
 See Previously Approved Plans F-86-26 for continuation

STATE OF MARYLAND
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF WATER CONTROL
 I hereby certify that the above described work was done in accordance with the provisions of the Subdivision Control Act, Article 21, Section 2-101, of the Annotated Code of Maryland, and that the work was done in accordance with the approved plans and specifications on file in the Division of Water Control.
 Date: 12/5/89
 Signature: [Signature]
 Title: Director of Water Control

APPROVED
 DATE: 6/18/89

See Previously Approved Plans F-86-26 for continuation

WATER SIDE: E01
 SHEET NO: 5630000

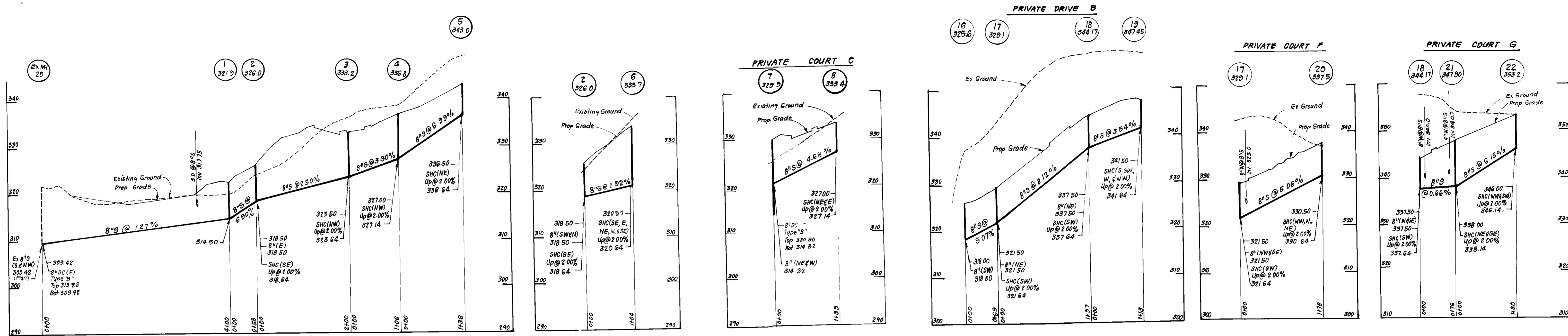
CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: DGT
 DRAWN: DGT
 CHECKED: DGT
 DATE: 4-6-89

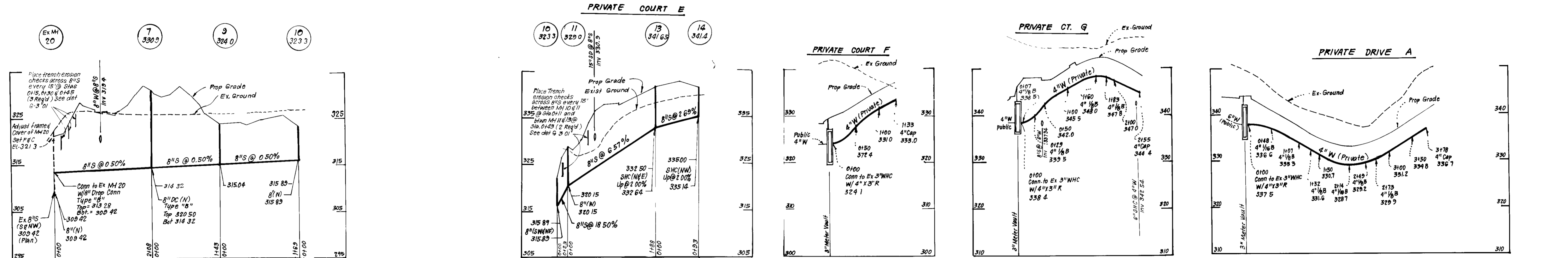
SITE DEVELOPMENT PLAN
 PARCEL E
 STORM DRAINAGE PROFILES
COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3 AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DATE: 4-6-89

DATE: 10/2/89
 SDI-P9-17

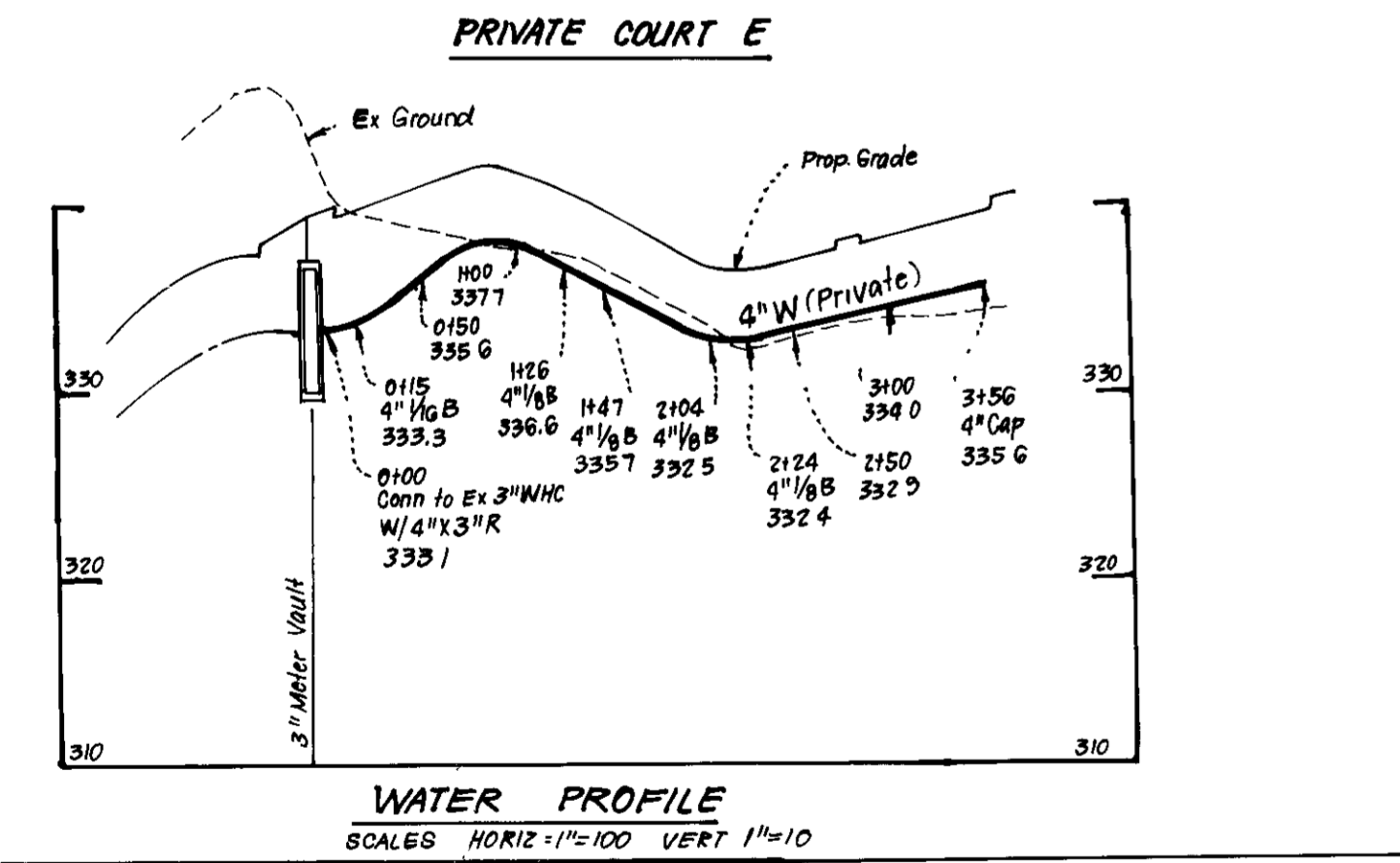


SEWER PROFILES
 SCALES: HORIZ 1"=100'
 VERT 1"=10'



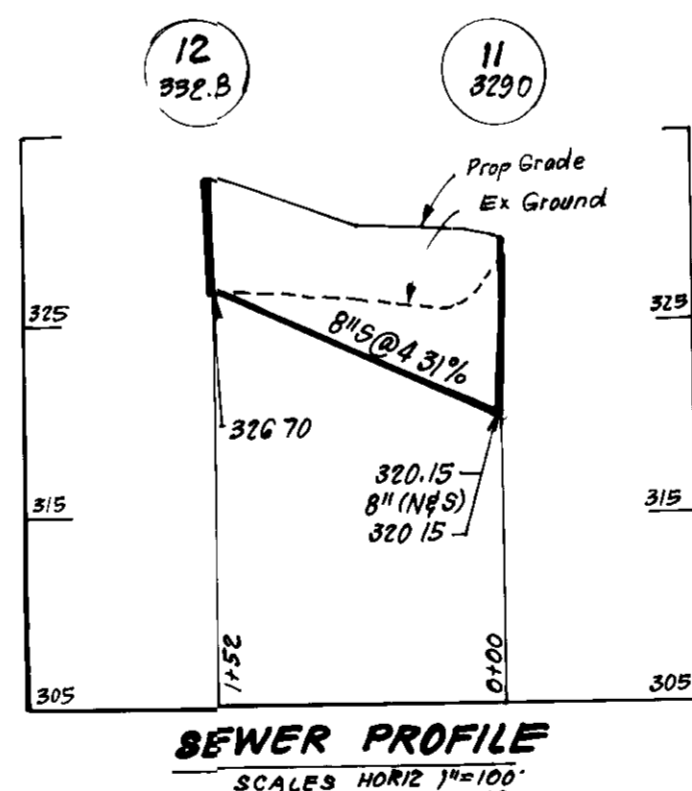
SEWER PROFILES
 SCALES: HORIZ 1"=100'
 VERT 1"=10'

WATER PROFILES
 SCALES: HORIZ 1"=100'
 VERT 1"=10'

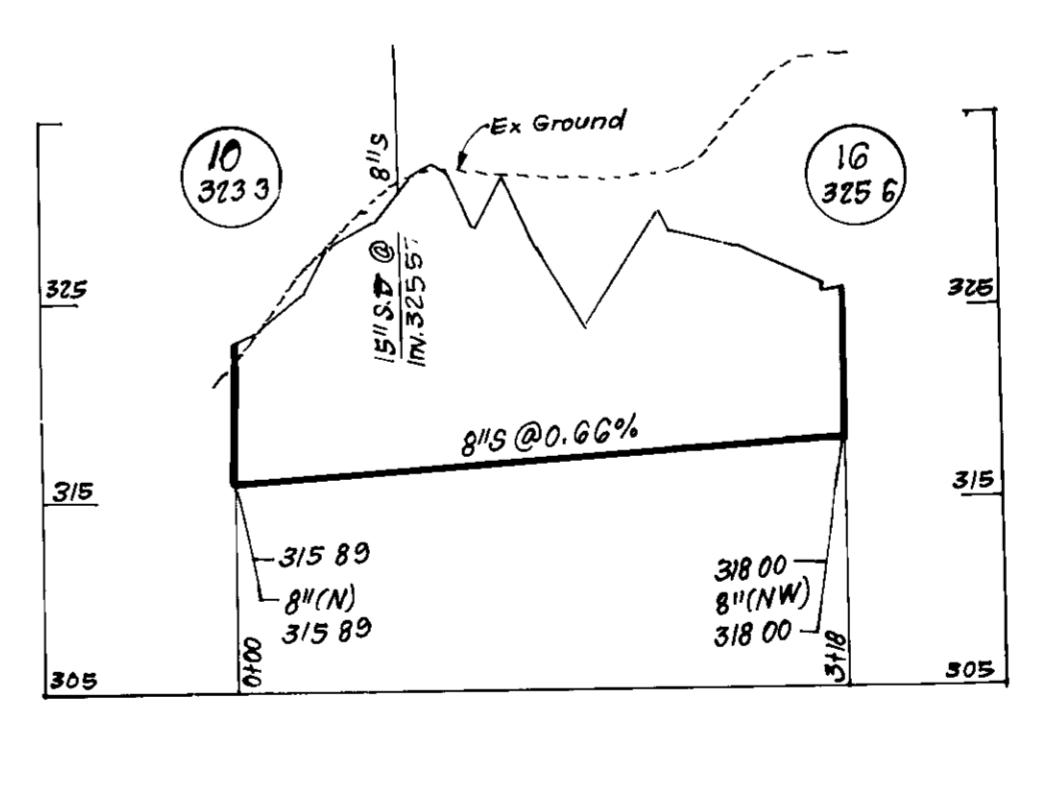


WATER PROFILE
 SCALES: HORIZ 1"=100' VERT 1"=10'

- WATER AND SEWER NOTES**
- All sewer mains shall be PVC, CSPX or VCPX
 - All construction methods and materials for on-site private water & sewer systems shall follow the current edition of the Howard County Plumbing Code, supplemented by the Howard County Std Details and Specs where necessary
 - All 4" Water Mains shall be D.I.P. CL 52
 - All Water Mains shall have a minimum of 3.5' of cover
 - Block all fittings with concrete
 - Sewer House Connections shall be built to within 5' of buildings, at a slope of 2.0% unless noted otherwise
 - Areas where water house connections are to be built shall be at final grade and connections shall be laid with a min of 3.5' of cover
 - All single WHC's shall be 3/4"
 - All double WHC's shall be 1" with 3/4" branch connections
 - All S.H.C.'s shall be 6"



SEWER PROFILE
 SCALES: HORIZ 1"=100' VERT 1"=10'



SUBDIVISION NAME		SECT./AREA		LOT/PARCEL	
COLUMBIA Village of Dorsey's Search		3/1		"E"	
PLAT NO.	BLK. NO.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
6740	15	N.T.	30, P. 124, 224	5TH	6052.02
WATER CODE		SEWER CODE			
EO1		5630000			

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

[Signature] DATE: 6/21/89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] DATE: 6/30/89

PLANNING DIRECTOR

[Signature] DATE: 6/15/89

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

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

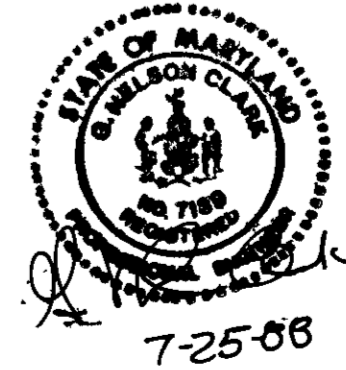
[Signature] DATE: 6/16/89

DIRECTOR

[Signature] DATE: 6/16/89

CHIEF BUREAU OF ENGINEERING

2-1-89
 LKS



CLARK • FINEROCK & SACKETT, INC
 ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7200 - BALTO • (301) 621-9100 - WASH

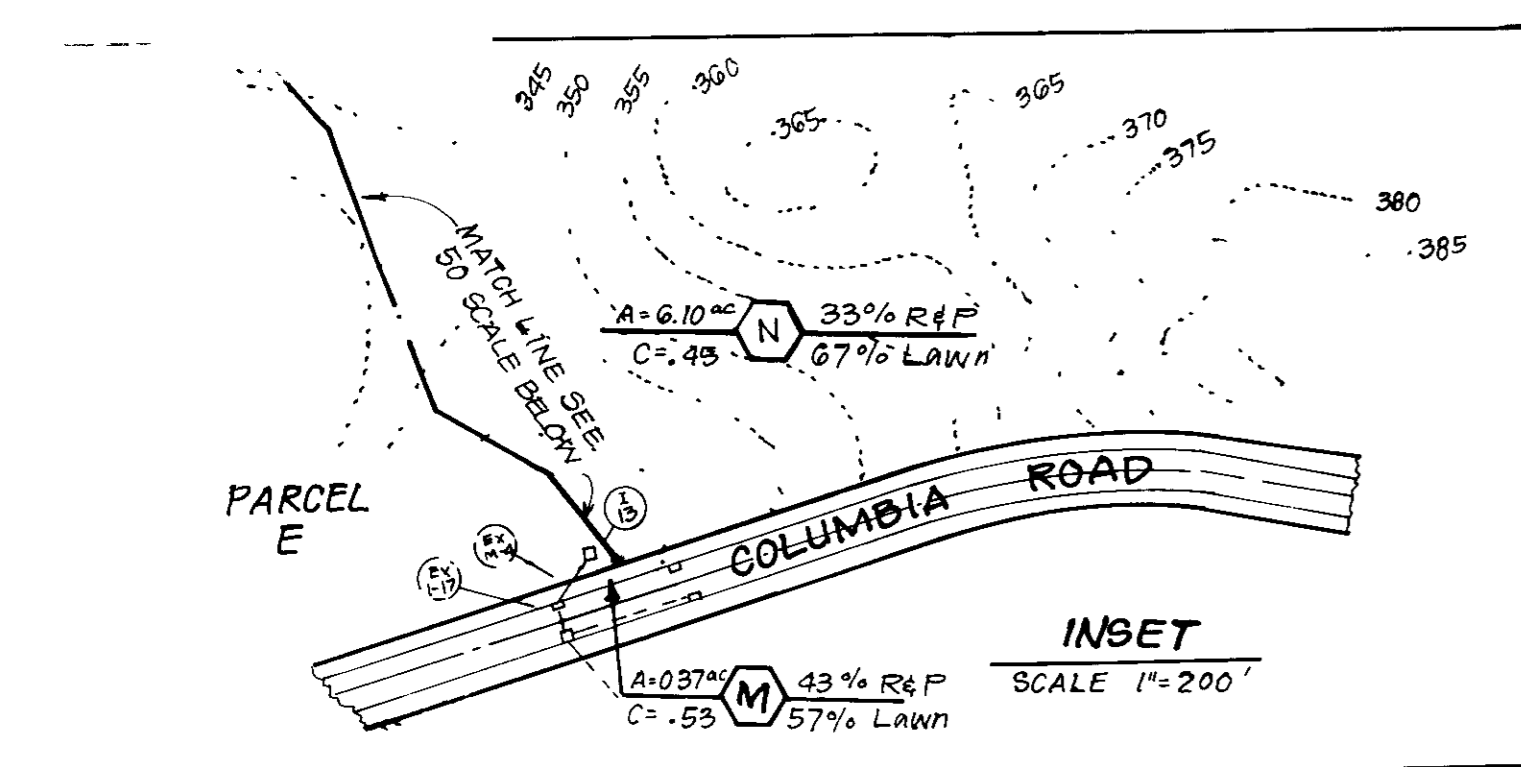
DESIGNED: JTR
 DRAWN: KIW
 CHECKED: JTR
 DATE: 7-13-88

SITE DEVELOPMENT PLAN
PARCEL E
WATER & SEWER PROFILES
COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3 AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: N.V. HOMES
 7601 LEWINSVILLE RD Suite 301
 McLean, VA 22102

SCALE: As Shown
 DRAWING: 5 OF 10
 JOB NO: 87152
 FILE NO: 87152-X

AS-BUILT 10/2/89 SDP-89-17



LEGEND

Contour Interval 2 FT
Existing Contour 350
Proposed Contour 350
Spot Elevation ± 305
Direction of drainage
Earth Dike
Silt Fence

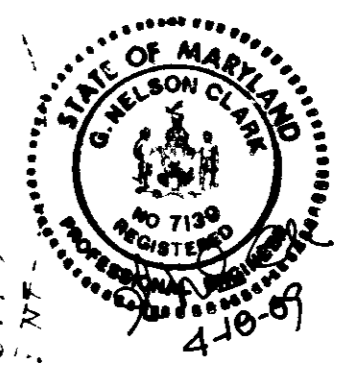
Reviewed for: **HOWARD** S.C.
Name: **Howard**
Signature: *[Signature]*
Date: **6/9/89**
U.S. Soil Conservation Service

DEVELOPERS/BUILDERS CERTIFICATE

THIS DEVELOPMENT PLAN IS APPROVED FOR THE HOWARD SOIL CONSERVATION DISTRICT

Manuel Harrison
Signature of Developer/Builder
Date: **4-17-89**

Approved: *[Signature]* Date: **6/9/89**



VICINITY MAP

ENTRUSTED TO STATE

6 Nelson Clark
Date: **4-16-89**

TRAP #4 (S.O.S.T.) ST IV

DA	=	16 AC
Storage Required	=	2880 CF
Storage Provided	=	2904 CF
Weir Crest Elev.	=	331.0
Cleanout El.	=	329.0
Bottom El.	=	327.0
Depth	=	2'
Bottom Dimensions	=	62' x 7'
Side Slope	=	1:1
Weir Length	=	7'

FOR OFFSITE DRAINAGE AREAS SEE 200 SCALE INSET, THIS SHEET

Ex TRAP #2 S.O.S.T. (ST V)

DA	=	33 Acres
Storage Required	=	5940 CF
Storage Provided	=	5940 CF
Weir Crest Elev.	=	324.00
Cleanout Elev.	=	322.00
Bottom Elev.	=	320.00
Bottom Dimensions	=	47' x 19'
Depth	=	4'
Side Slopes	=	2:1
Weir Length	=	14'

TRAP #3 (POST) ST-I

Drainage Area	35 AC
Storage Required	6300
Storage Provided	6306
Riser Crest	322.0
Cleanout El. left side	316.0
Bottom El. left side	316.0
Depth left side	0.0
Bot dimension left side	324.0
Top embankment	324.0
Side Slopes	1:1
Barrel	15" RCP
Riser	Permanent D- Inlet, Brick .5' to temp riser crest el 322.0

Approved: *[Signature]* Date: **6/29/89**

Approved: *[Signature]* Date: **6/29/89**

Approved: *[Signature]* Date: **6/29/89**

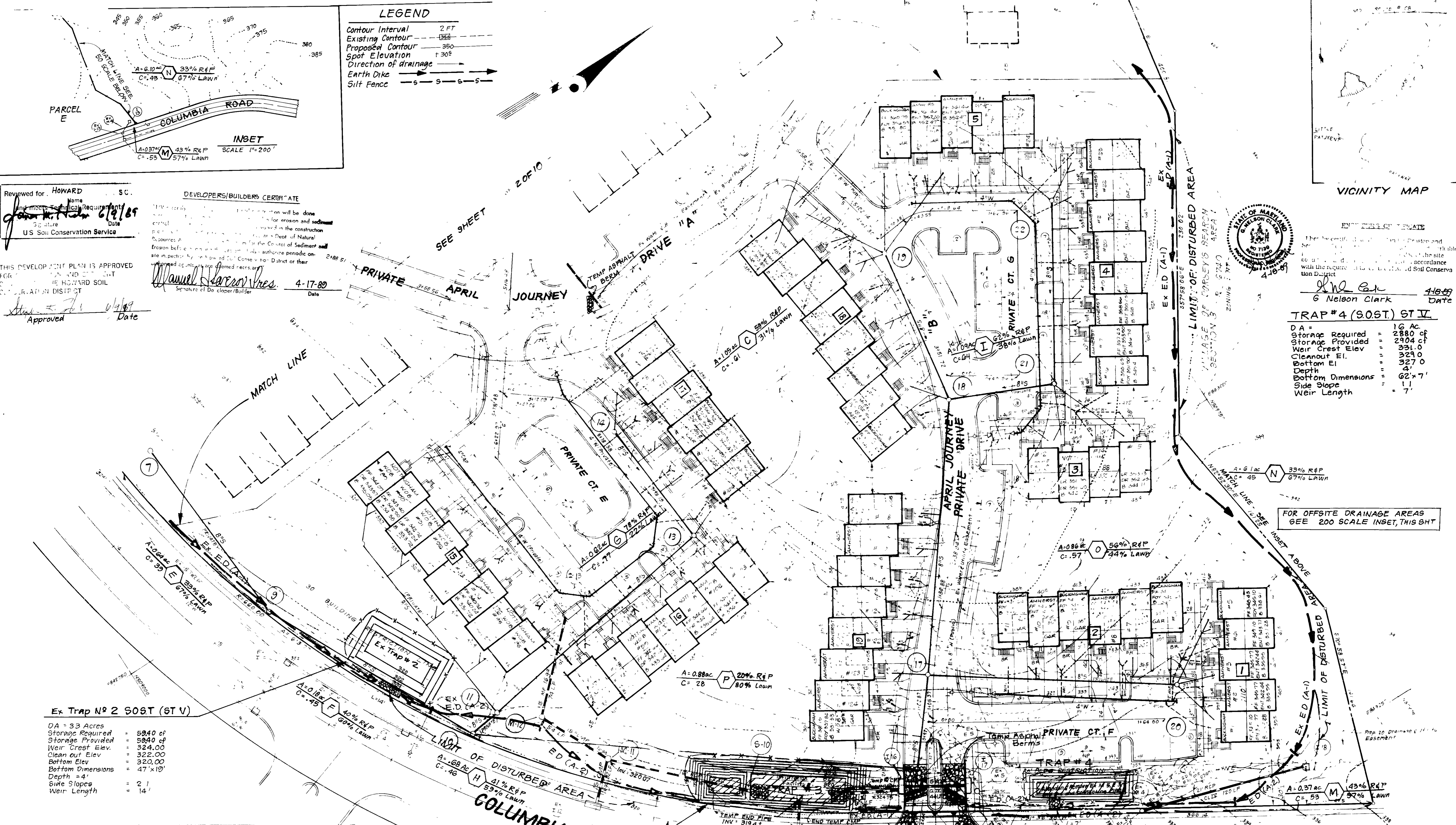
CLARK • FINEFROCK & SACKETT INC
ENGINEERS • PLANNERS • SURVEYORS

SEDIMENT & EROSION CONTROL PLAN AND DRAINAGE AREA MAP
PARCEL E

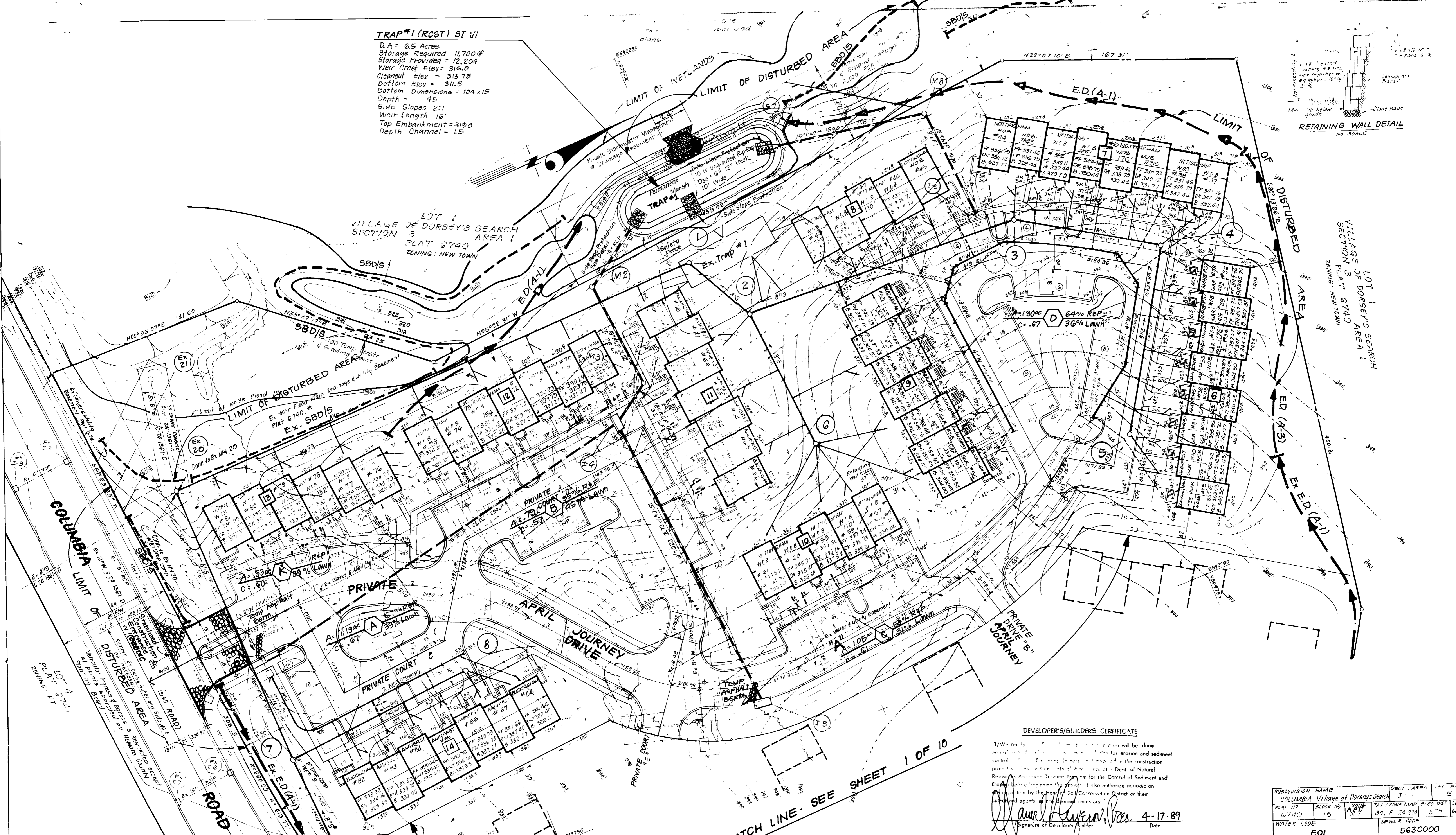
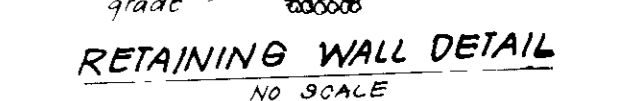
COLUMBIA
VILLAGE OF DORSEY'S SEARCH SECTION 3 AREA 1
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DATE: **4-12-89**

SUBDIVISION NAME	COLUMBIA Village of Dorsey's Search
PLAT NO	G740
BLOCK NO	15
WATER CODE	EOI
SECT / AREA / LOT / PARCEL	3 / 56 / E
TAX / ZONE MAP / ELEC DIST / DENNIS TR	30, P. 24, 224 / 5TH / 6052 02
SEWER CODE	5630000



TRAP #1 (RCST) ST VI
 D.A. = 6.5 Acres
 Storage Required = 11,700 cfs
 Storage Provided = 12,204
 Weir Crest Elev = 316.0
 Cleanout Elev = 313.75
 Bottom Elev = 311.5
 Bottom Dimensions = 104 x 15
 Depth = 4.5
 Side Slopes 2:1
 Weir Length 16'
 Top Embankment = 319.0
 Depth Channel = 1.5



MATCH LINE - SEE SHEET 1 OF 10

DEVELOPER'S/BUILDERS CERTIFICATE

"We certify that the proposed system will be done according to the specifications for erosion and sediment control...
 Signature of Developer/Builder: *[Signature]* Date: 4-17-89

SUBDIVISION NAME	SECT./AREA	LOT PARCEL
COLUMBIA Village of Dorsey's Search	3	E
PLAT NO. 6740	BLOCK NO. 15	LOT # 15
TAX ZONE MAP	ELEC DIST	SEWER STR
30, P. 23 224	5TH	605202
WATER CODE	SEWER CODE	
E01	5630000	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE: 6/28/89
 COUNTY HEALTH OFFICER

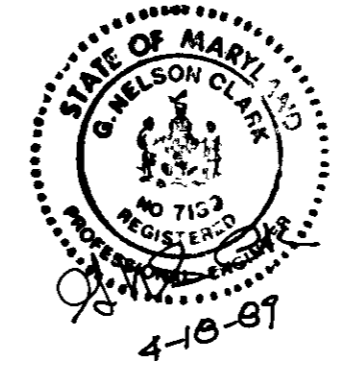
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] DATE: 6/30/89
 PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE: 6/28/89
 DIRECTOR

CHIEF BUREAU OF ENGINEERING
 DATE: 6/14/89

2-1-89
LKS

Reviewed for HOWARD SCD
[Signature] DATE: 6/18/89
 Soil Conservation Service



THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 Approved: *[Signature]* Date: 6/18/89

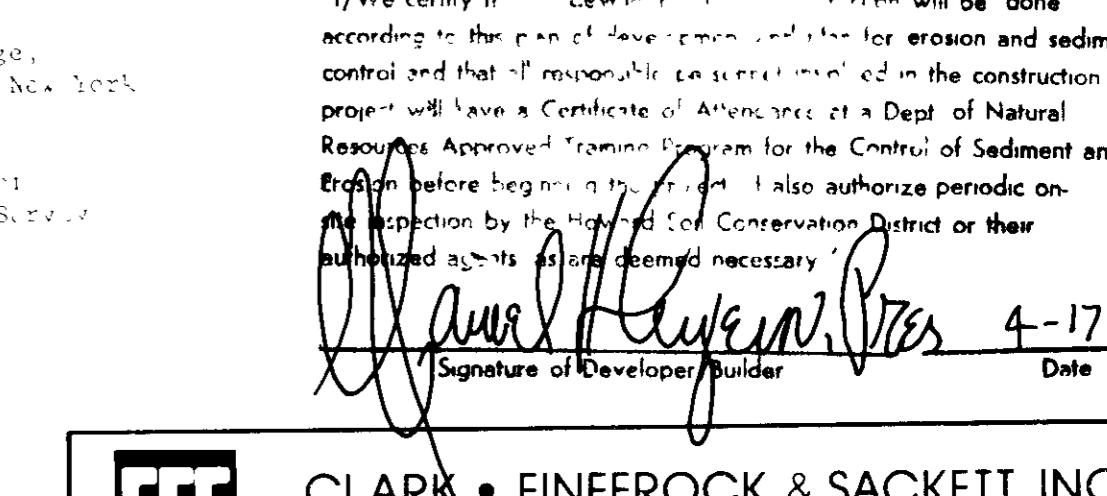
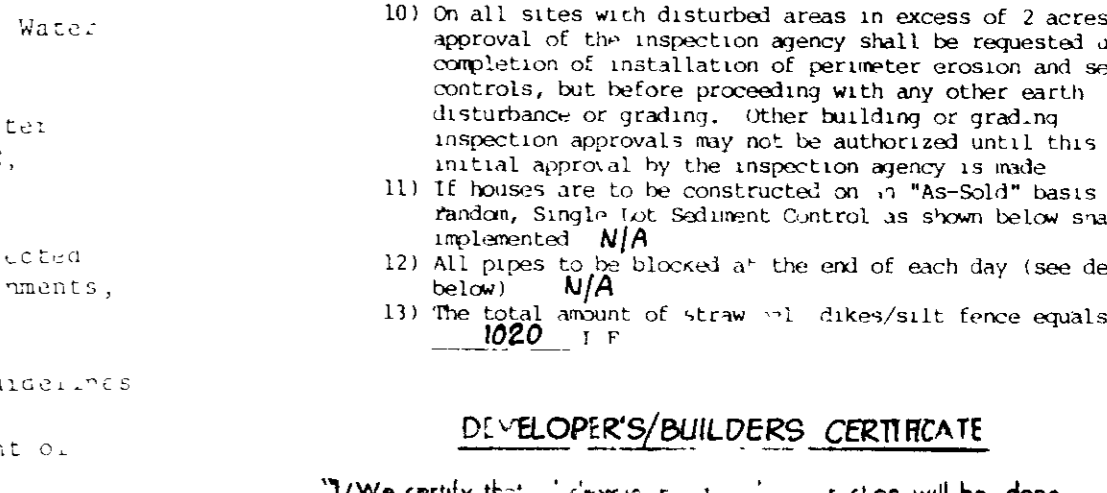
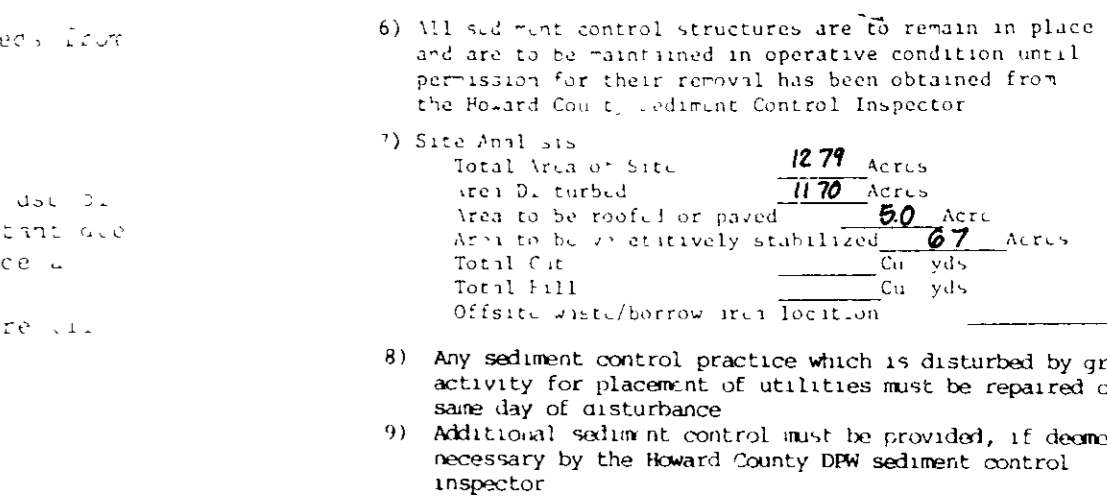
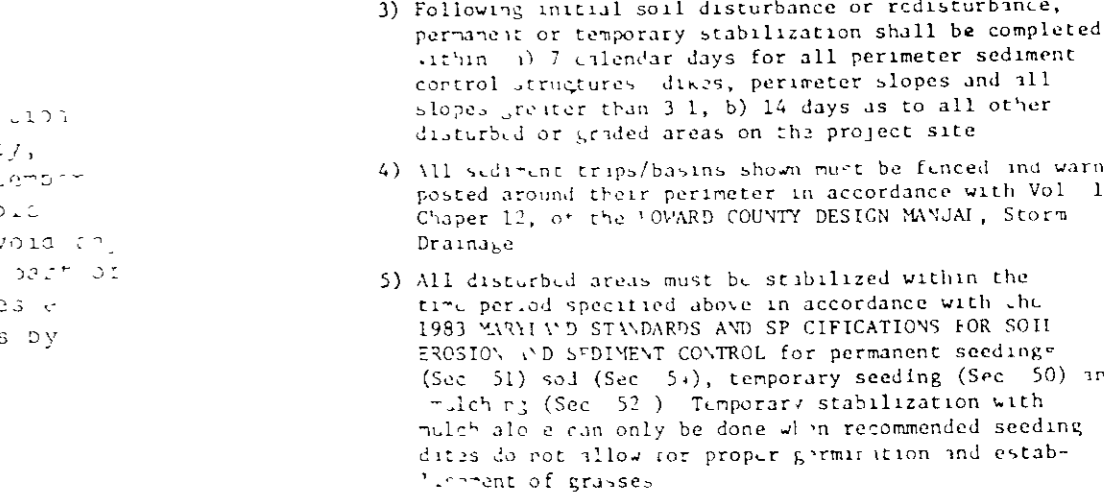
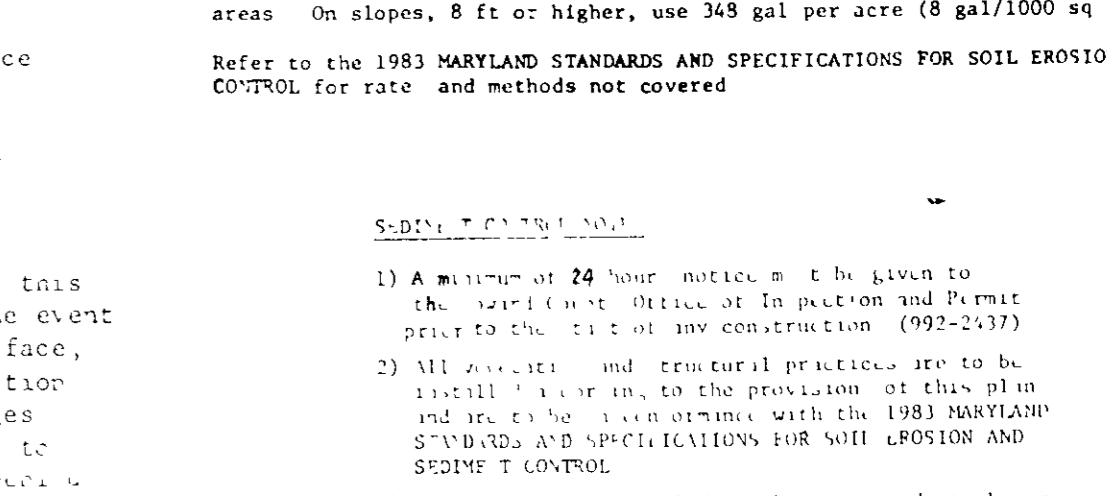
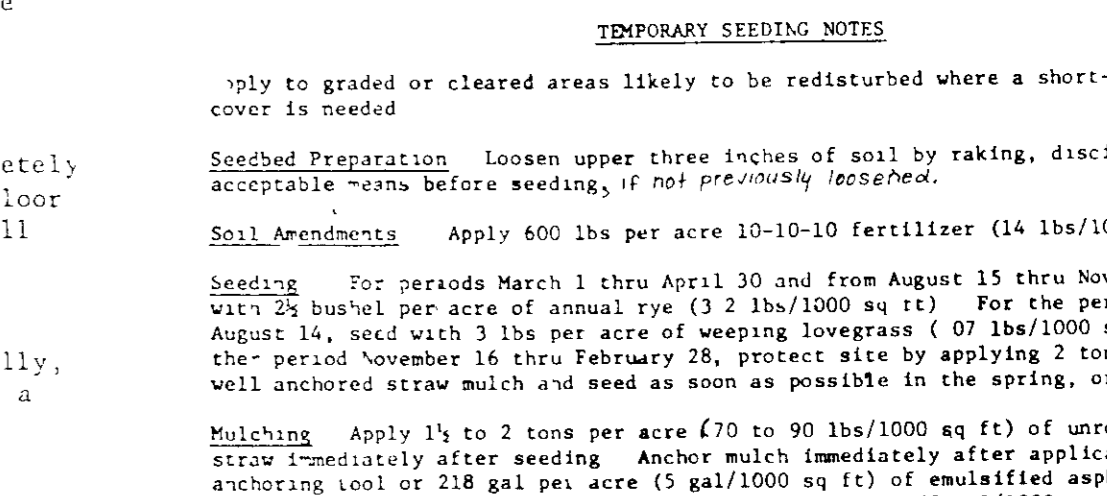
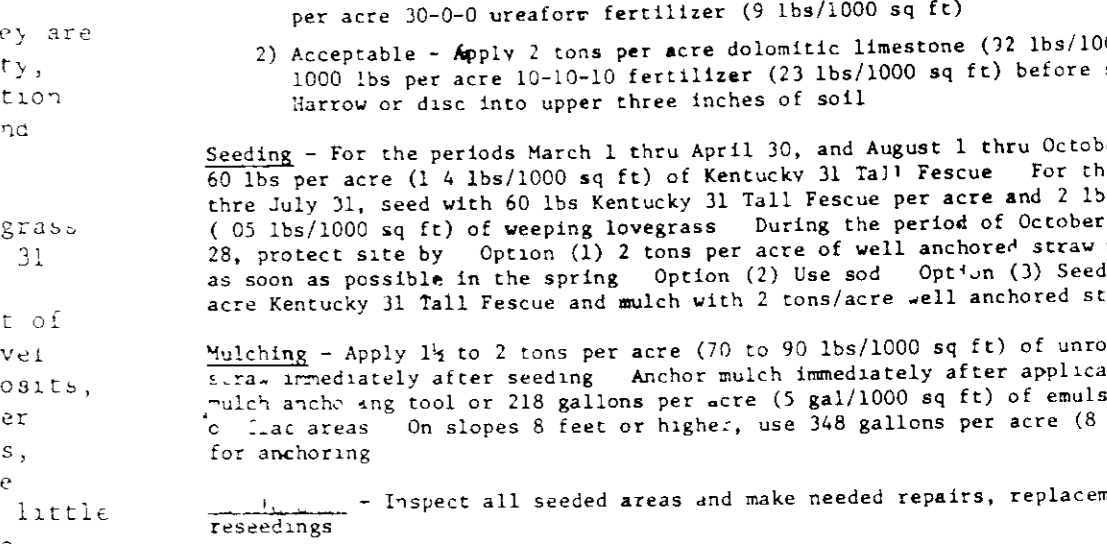
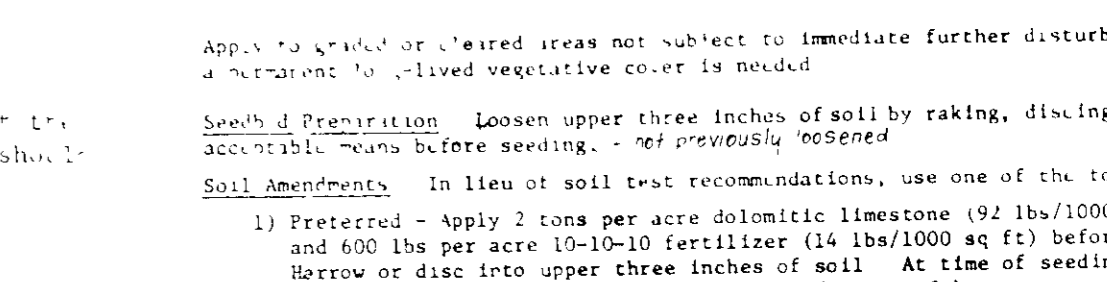
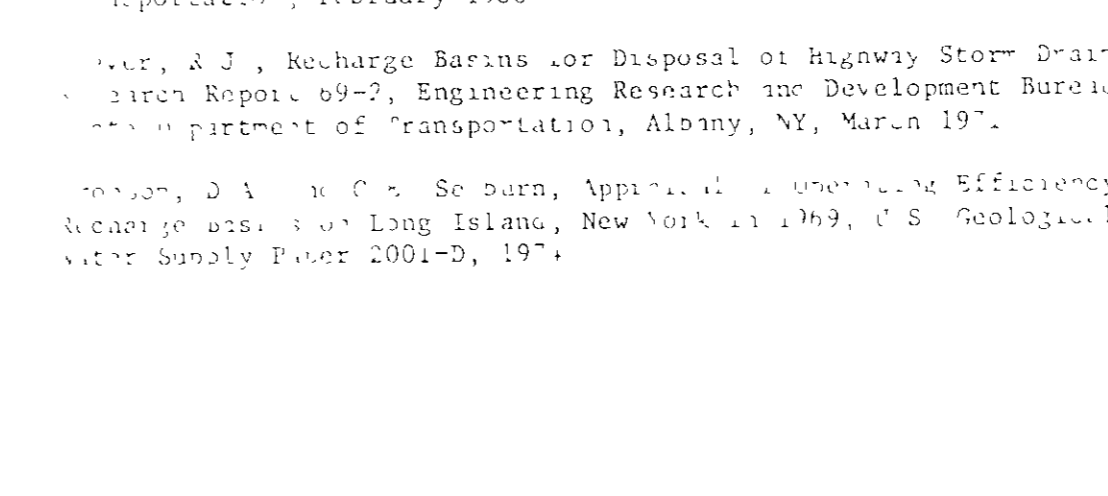
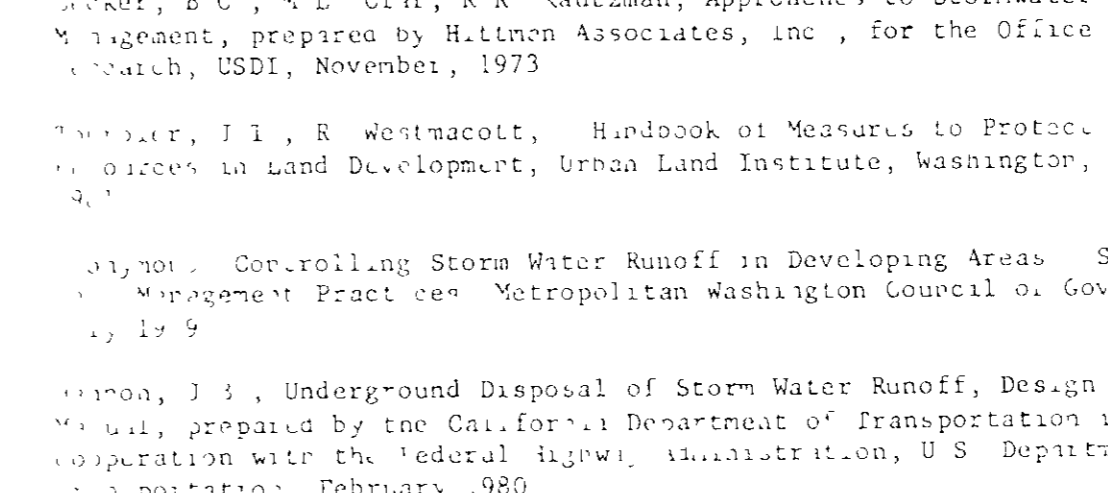
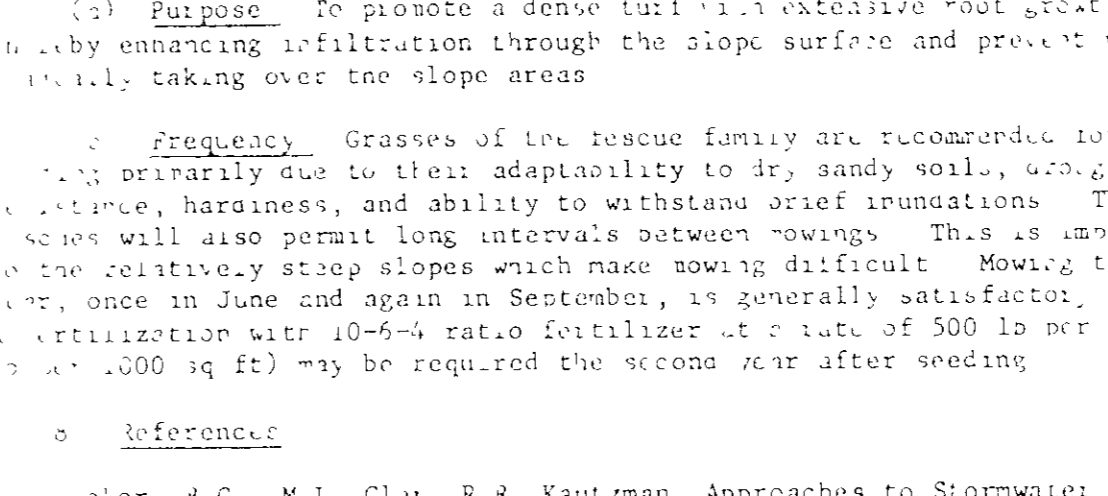
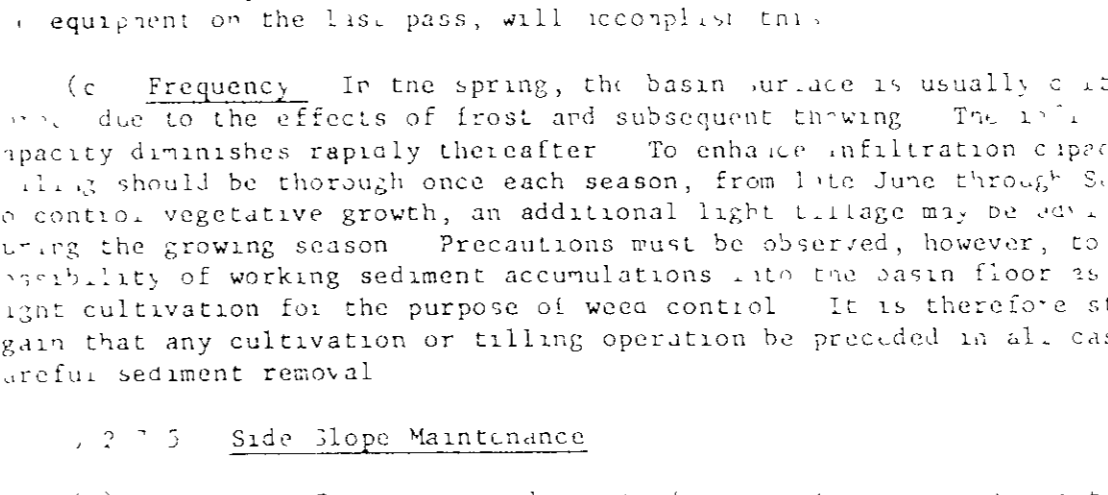
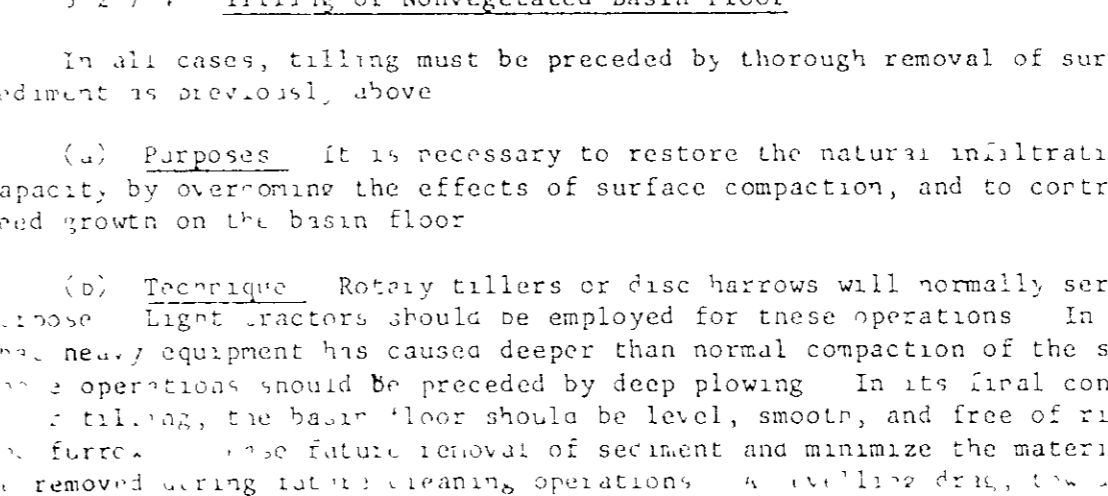
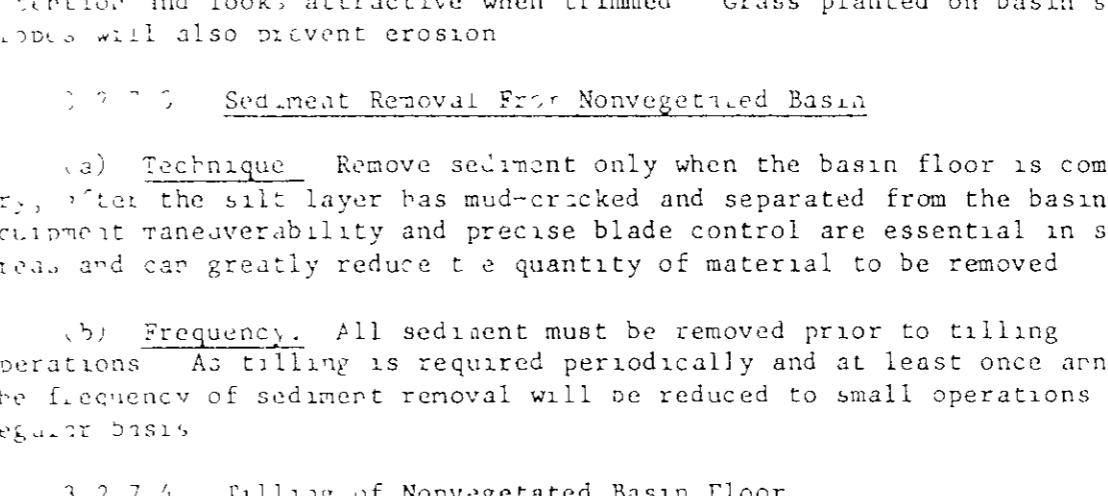
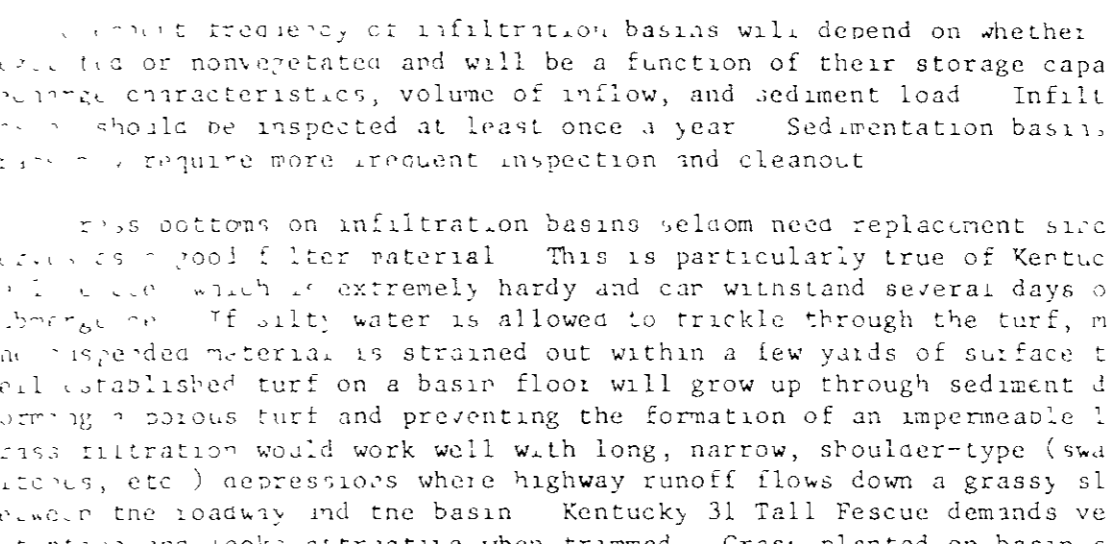
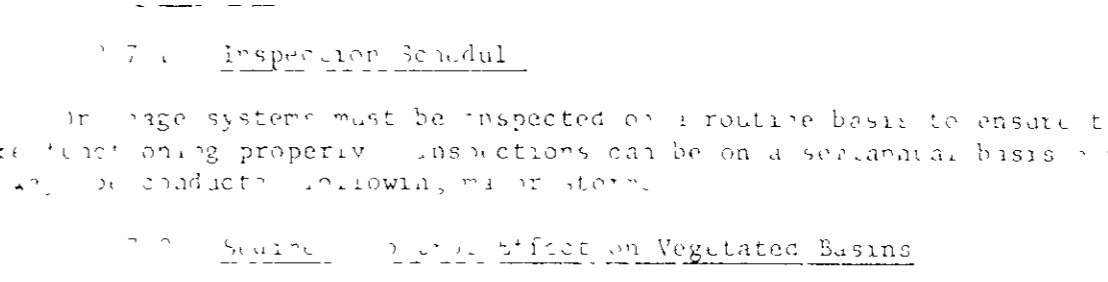
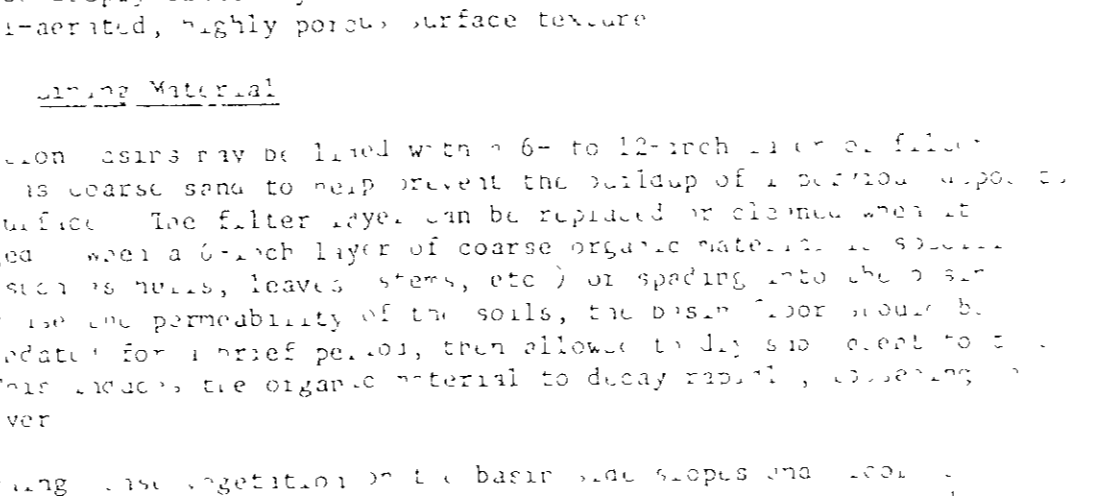
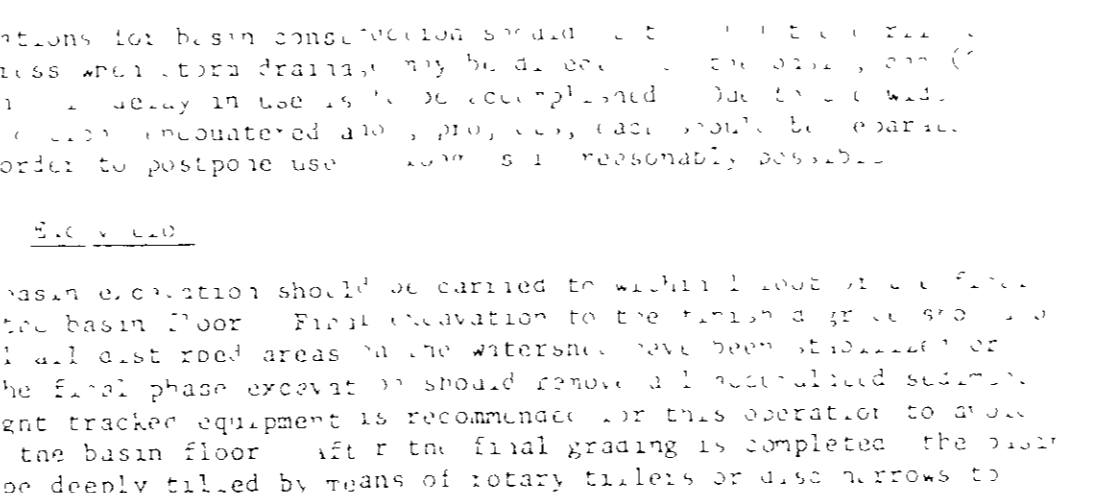
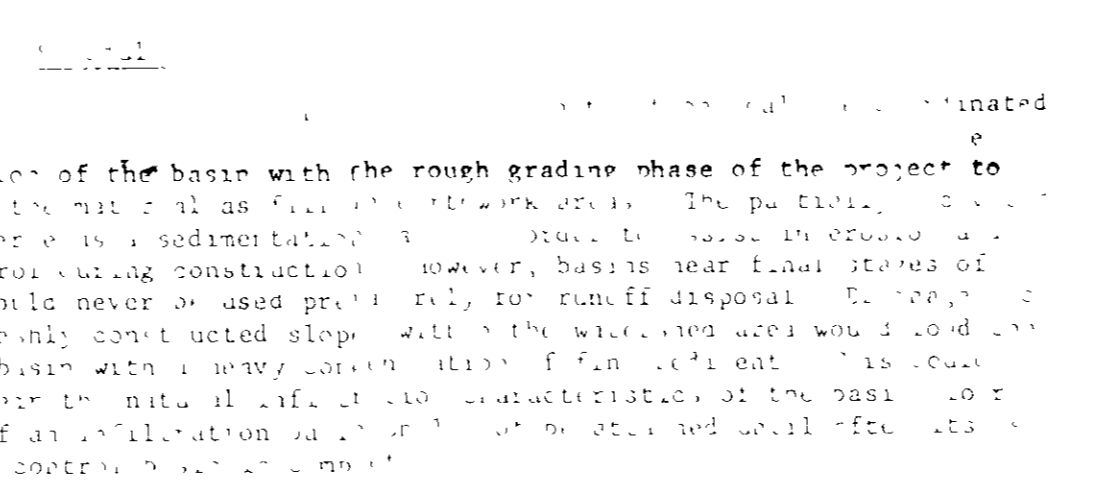
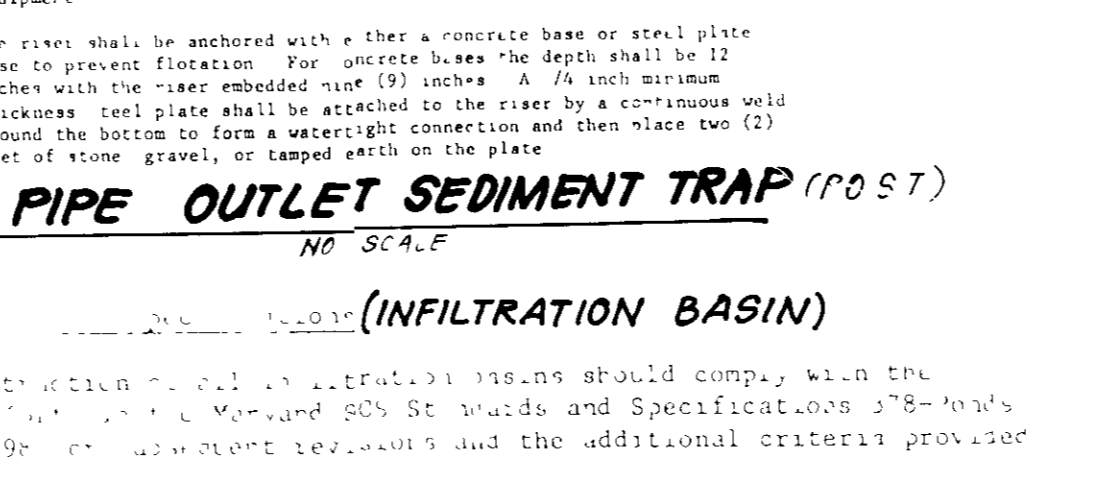
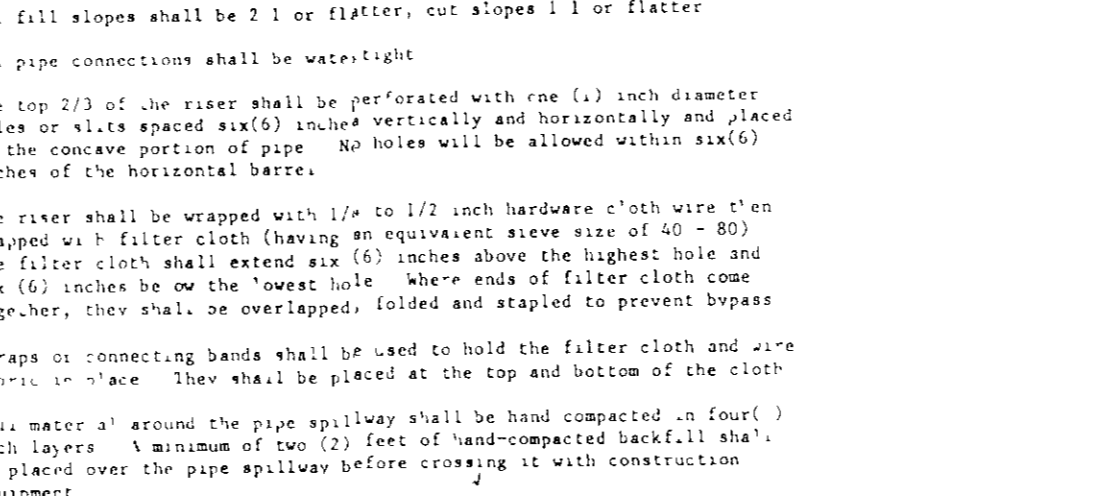
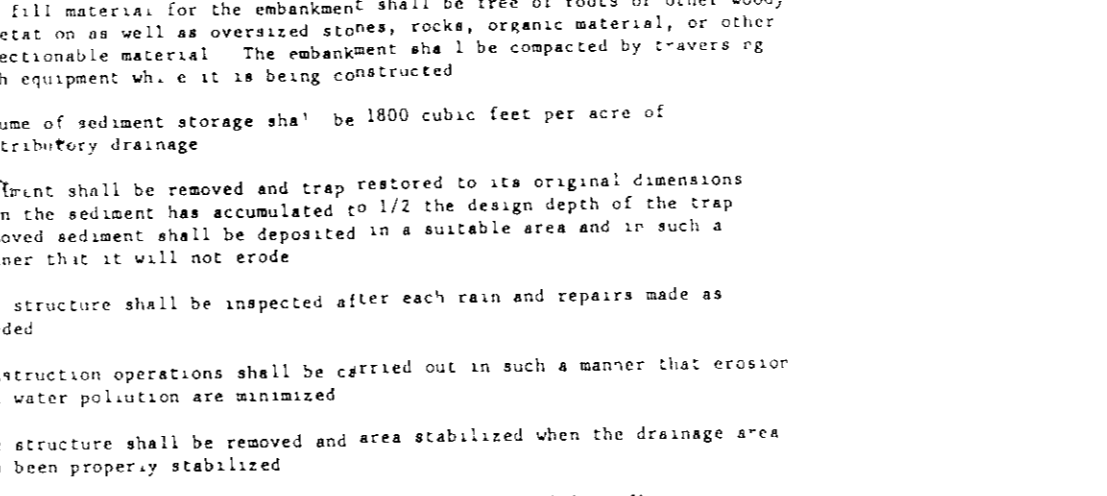
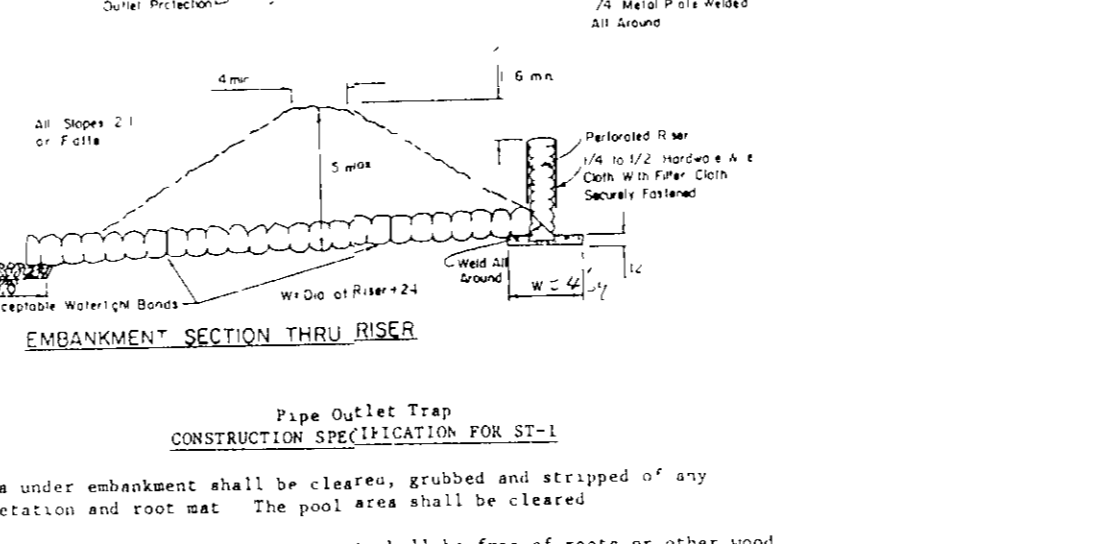
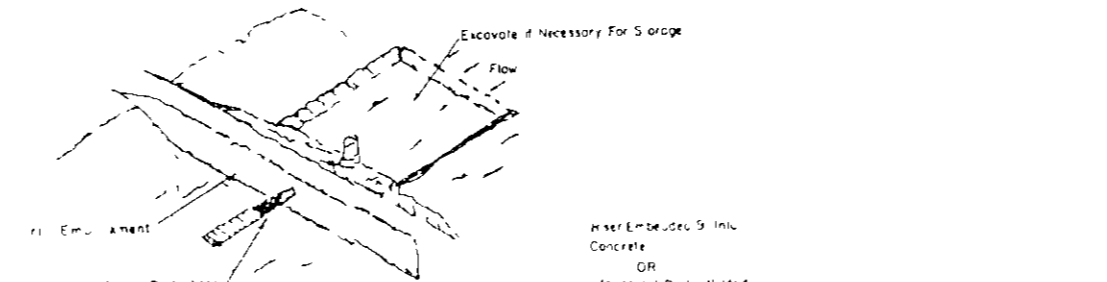
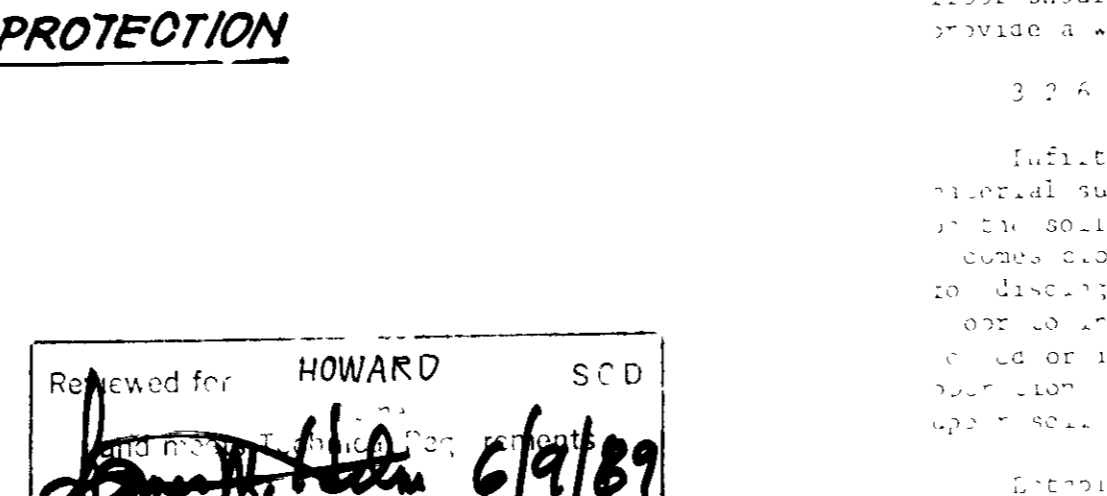
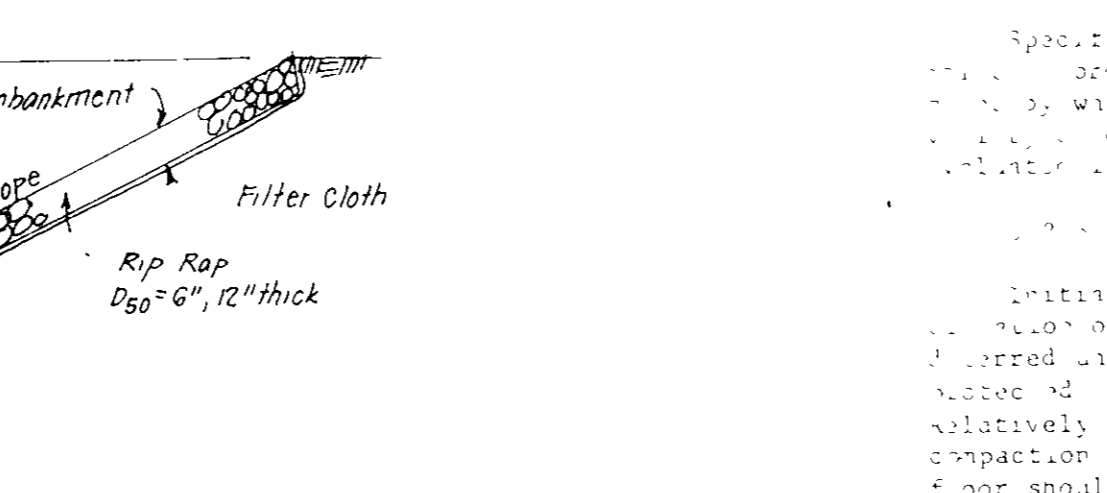
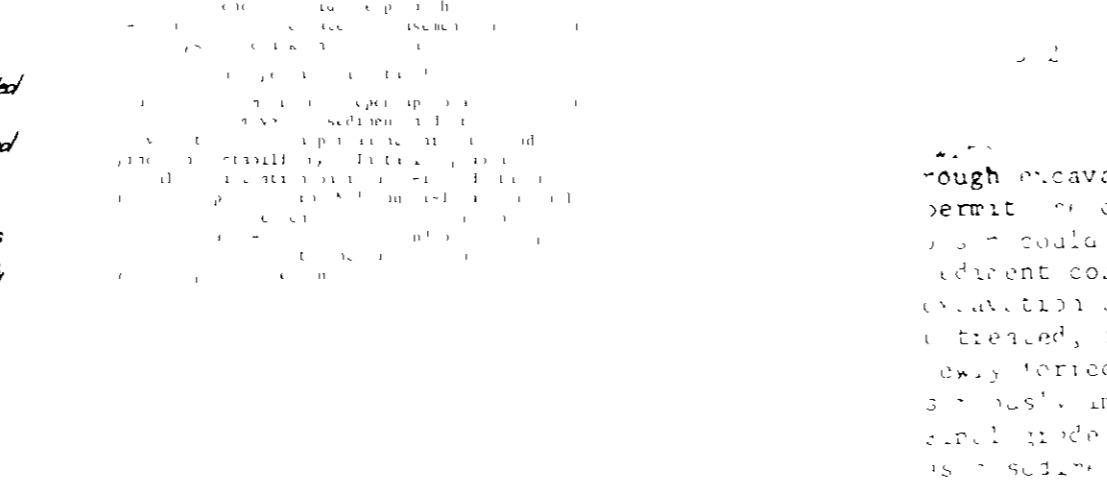
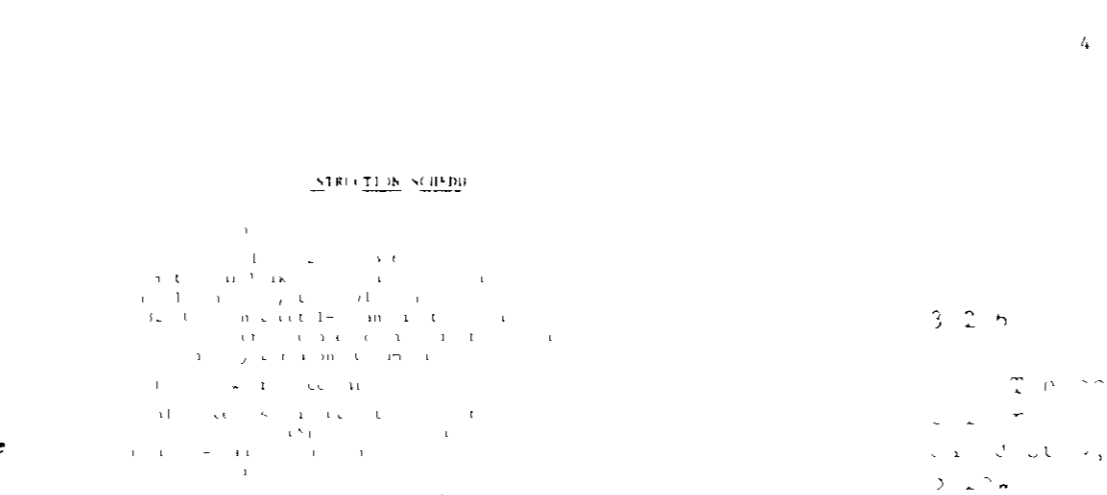
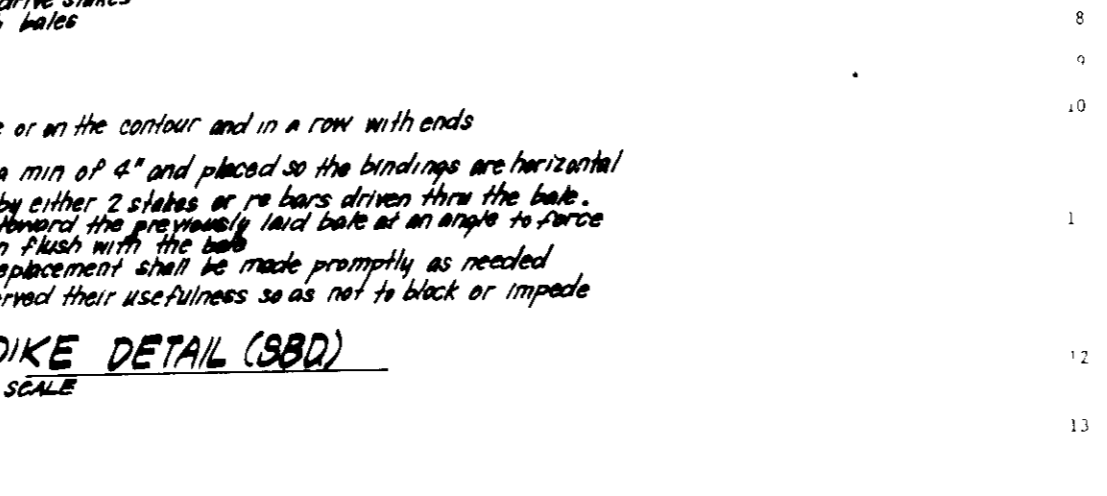
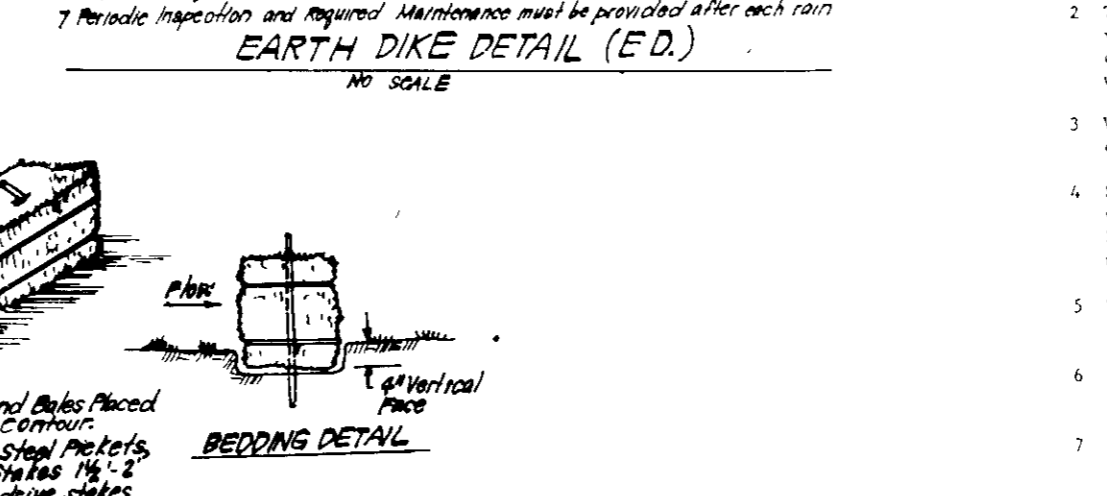
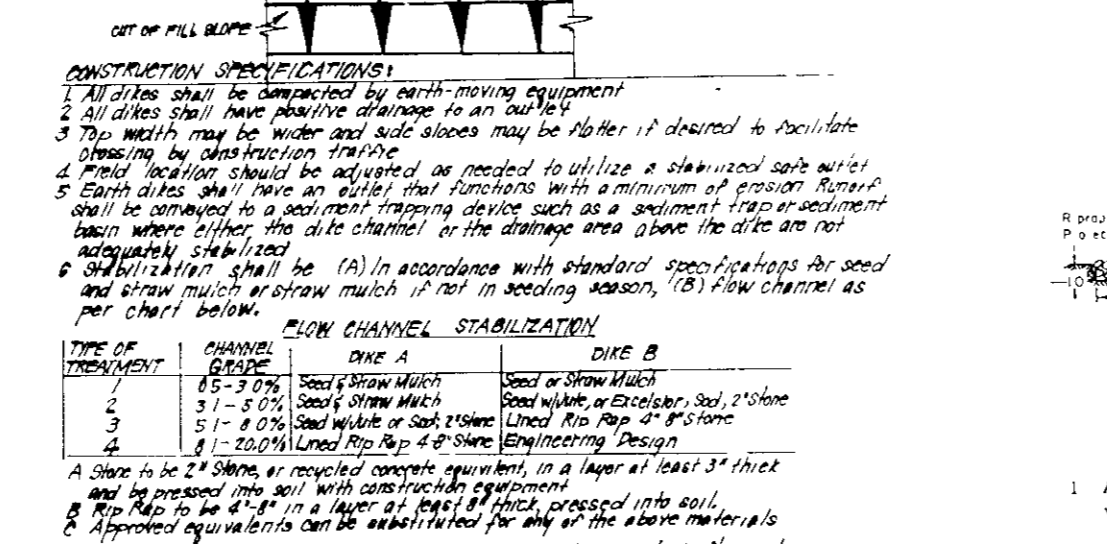
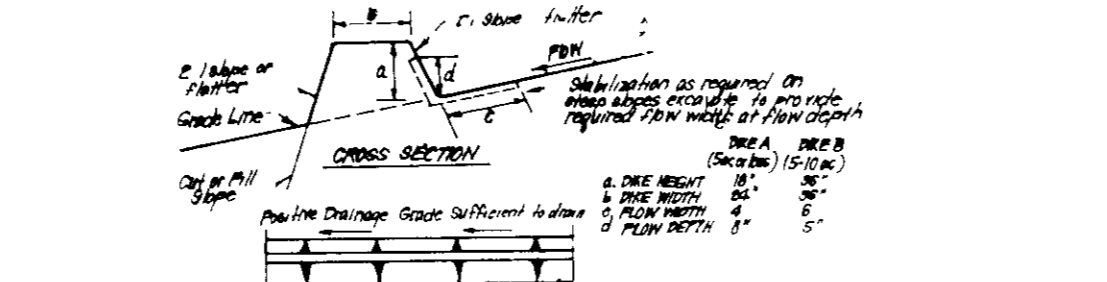
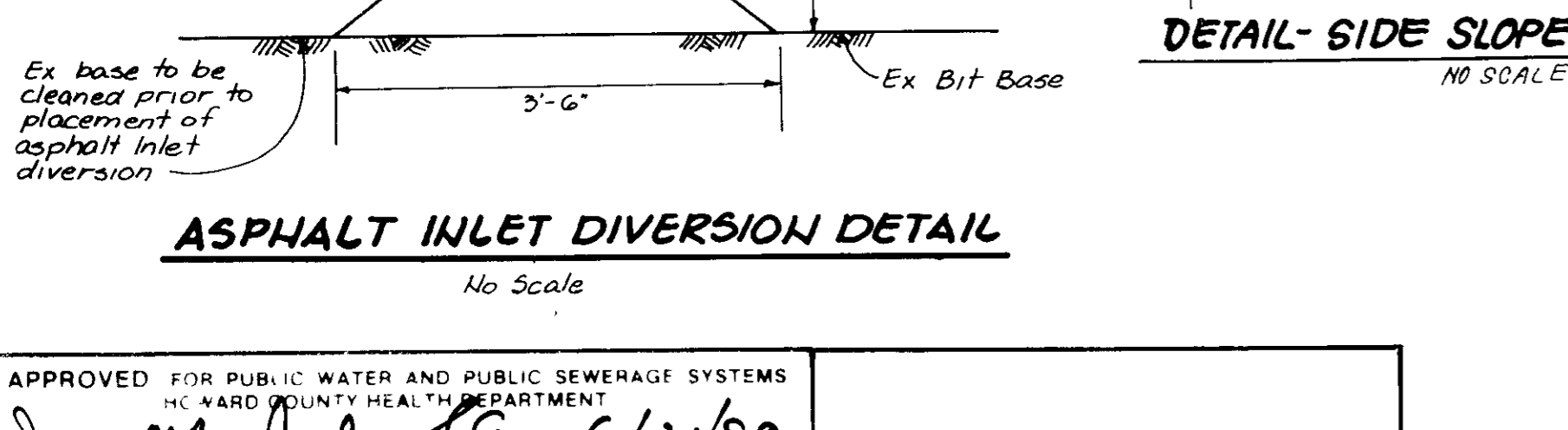
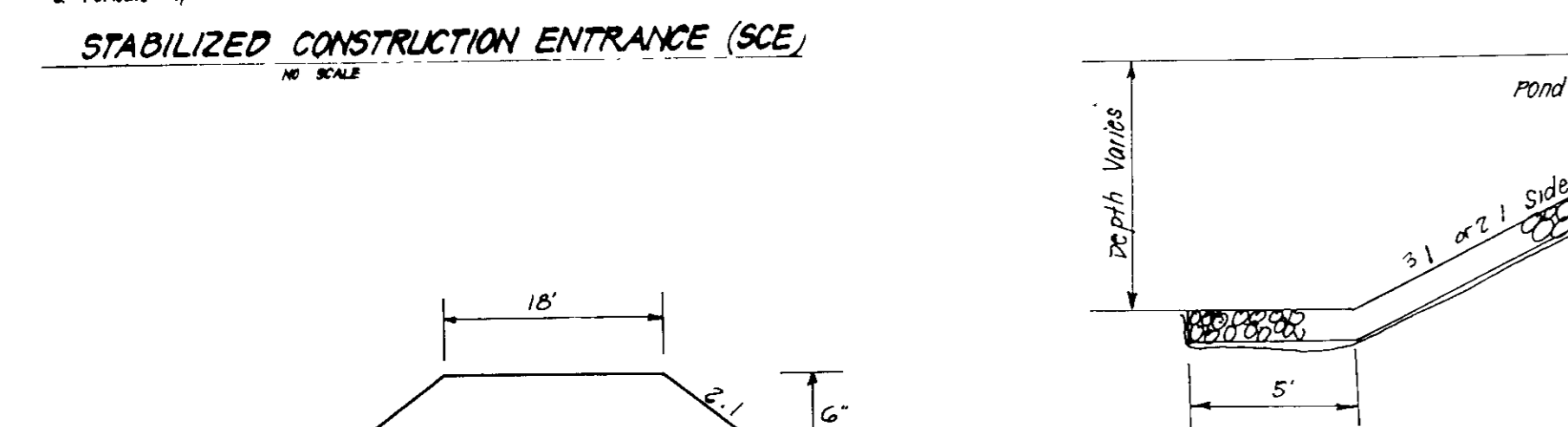
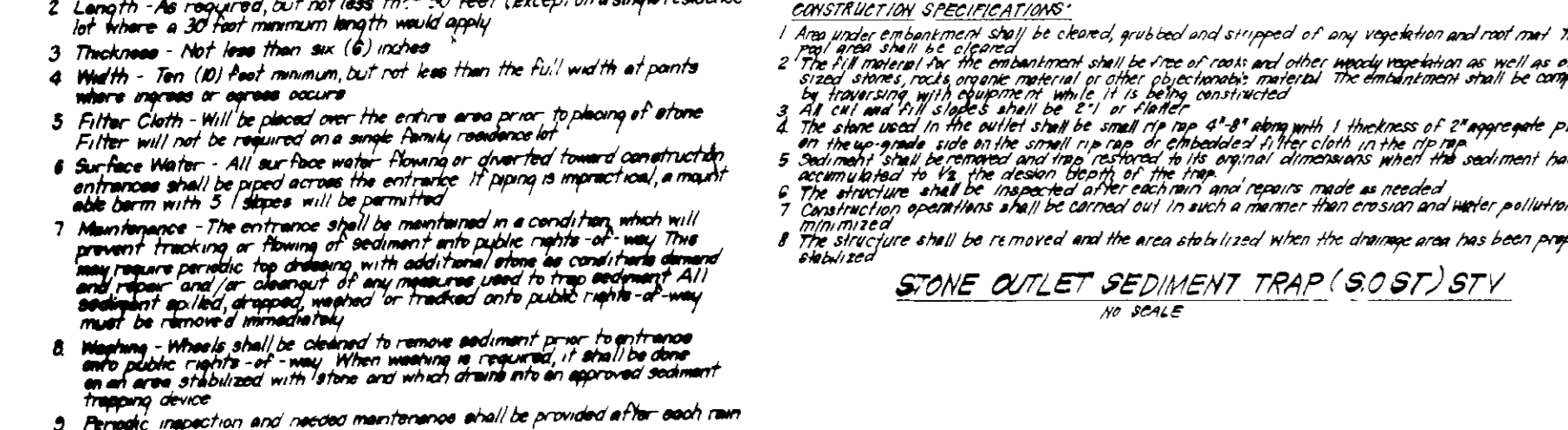
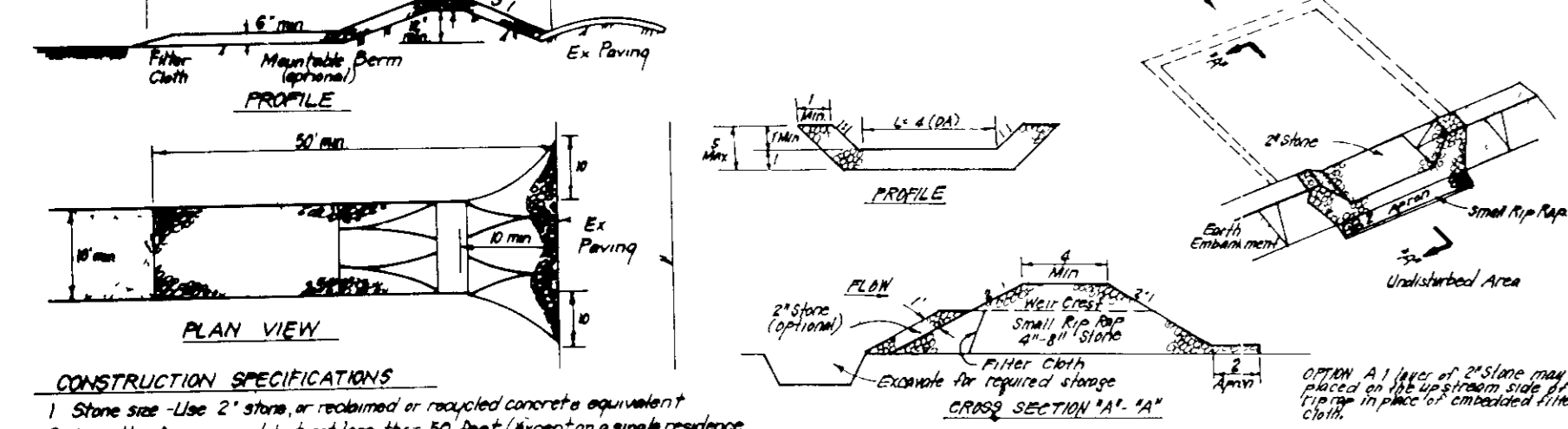
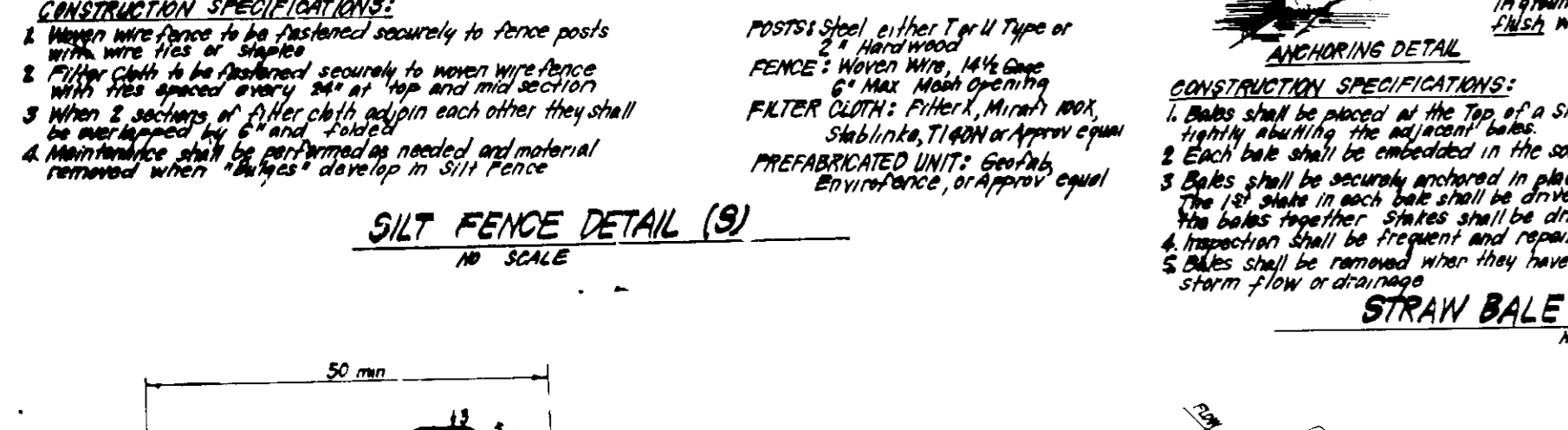
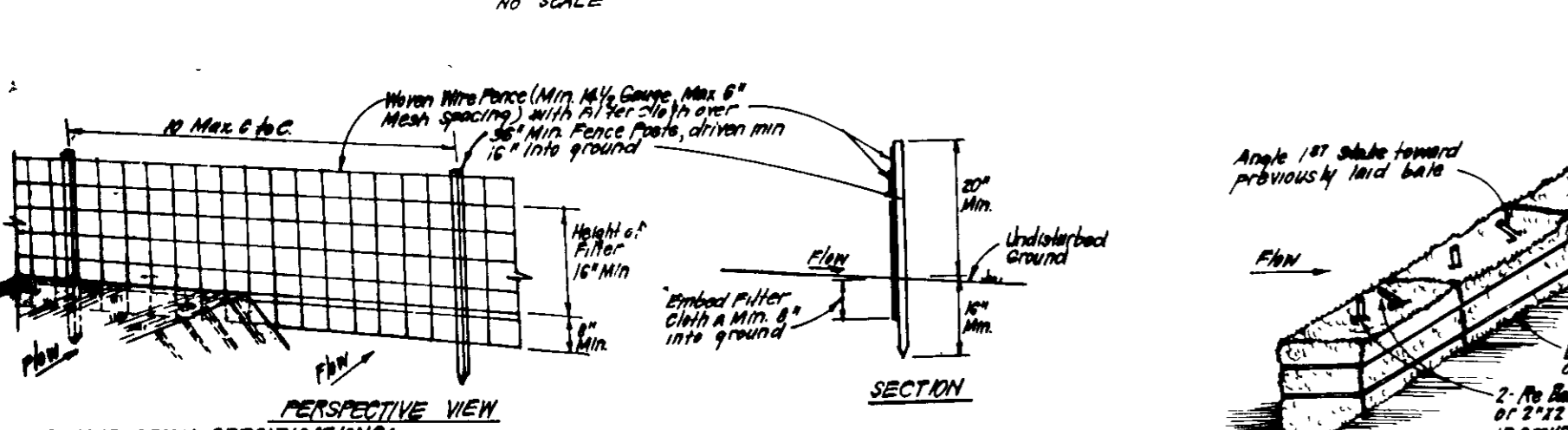
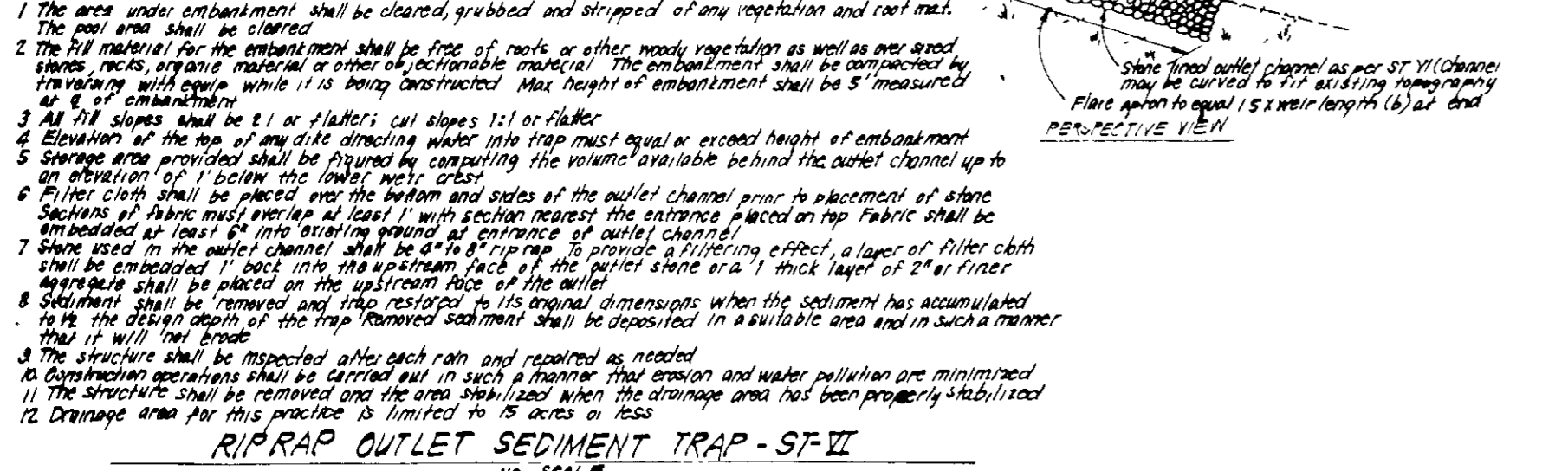
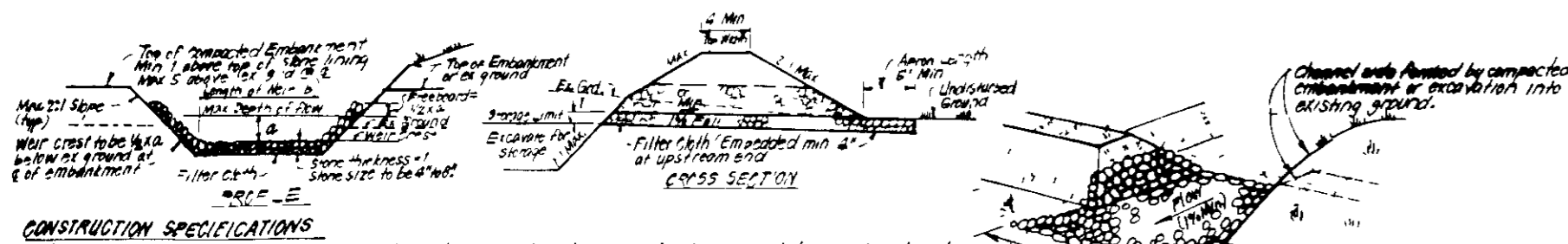
ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control...
 Signature: *[Signature]* Date: 4-18-89
 Nelson Clark

CLARK • FINEFROCK & SACKETT INC
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED DGT	SEDIMENT EROSION CONTROL PLAN AND DRAINAGE AREA MAP PARCEL E COLUMBIA VILLAGE OF DORSEY'S SEARCH SECTION 3 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN GS KIW		DRAWING NO. 7 OF 10
CHECKED DGT		JOB NO. 87-152
DATE 4-6-89		FILE NO. 87152-SE

FOR N.Y. HOMES
 600 LEWISVILLE ROAD, SUITE 301
 MCLEAN, VA 22102



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 Director: [Signature] 6/2/89
 DATE: 6.30.89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Director: [Signature] 6/2/89
 DATE: 6/2/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] 6/2/89
 DATE: 6/2/89

2-1-89
 LKS

Reviewed for HOWARD SCD
 U.S. Soil Conservation Service
 [Signature] 6/9/89
 DATE: 6/9/89

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SCD'S EROSION AND SEDIMENT CONTROL
 CONSERVATION DISTRICT
 [Signature] 6/9/89
 DATE: 6/9/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 Director: [Signature] 6/2/89
 DATE: 6.30.89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Director: [Signature] 6/2/89
 DATE: 6/2/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] 6/2/89
 DATE: 6/2/89

2-1-89
 LKS

Reviewed for HOWARD SCD
 U.S. Soil Conservation Service
 [Signature] 6/9/89
 DATE: 6/9/89

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 FOR SCD'S EROSION AND SEDIMENT CONTROL
 CONSERVATION DISTRICT
 [Signature] 6/9/89
 DATE: 6/9/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 Director: [Signature] 6/2/89
 DATE: 6.30.89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
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 DATE: 6/2/89

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 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
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 Director: [Signature] 6/2/89
 DATE: 6/2/89

2-1-89
 LKS

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APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] 6/2/89
 DATE: 6/2/89

2-1-89
 LKS

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 U.S. Soil Conservation Service
 [Signature] 6/9/89
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APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
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 Director: [Signature] 6/2/89
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APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
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 DATE: 6/2/89

2-1-89
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 [Signature] 6/9/89
 DATE: 6/9/89

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 FOR SCD'S EROSION AND SEDIMENT CONTROL
 CONSERVATION DISTRICT
 [Signature] 6/9/89
 DATE: 6/9/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 Director: [Signature] 6/2/89
 DATE: 6.30.89

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Director: [Signature] 6/2/89
 DATE: 6/2/89

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC WORKS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Director: [Signature] 6/2/89
 DATE: 6/2/89

2-1-89
 LKS

PERMANENT EMBANKMENT NOTES

Apply to embankment or cleared areas not subject to immediate further disturbance which a permanent or limited vegetative cover is needed.

Soil Preparation - Loosen upper three inches of soil by raking, disking or other acceptable means before seeding. Refer previously mentioned.

Soil Amendments - In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Follow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 urethane fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Follow 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 (14 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 lbs/1000 sq ft) of creeping legumina. During the period of October 15 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 seed Opt-Lon (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 15 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 gallon per acre (15 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.

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

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Soil Preparation - Loosen upper three inches of soil by raking, disking 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 August 15 thru November 15, seed with 60 lbs per acre (14 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru August 14, seed with 3 lbs per acre of creeping legumina (0.7 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.

Mulching - Apply 15 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 (15 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

DESIGNER'S CERTIFICATE

I, the undersigned, hereby certify that this plan for Erosion and Sediment Control was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Maryland.

Signature: [Signature] 4-17-89
 Date: 4-17-89

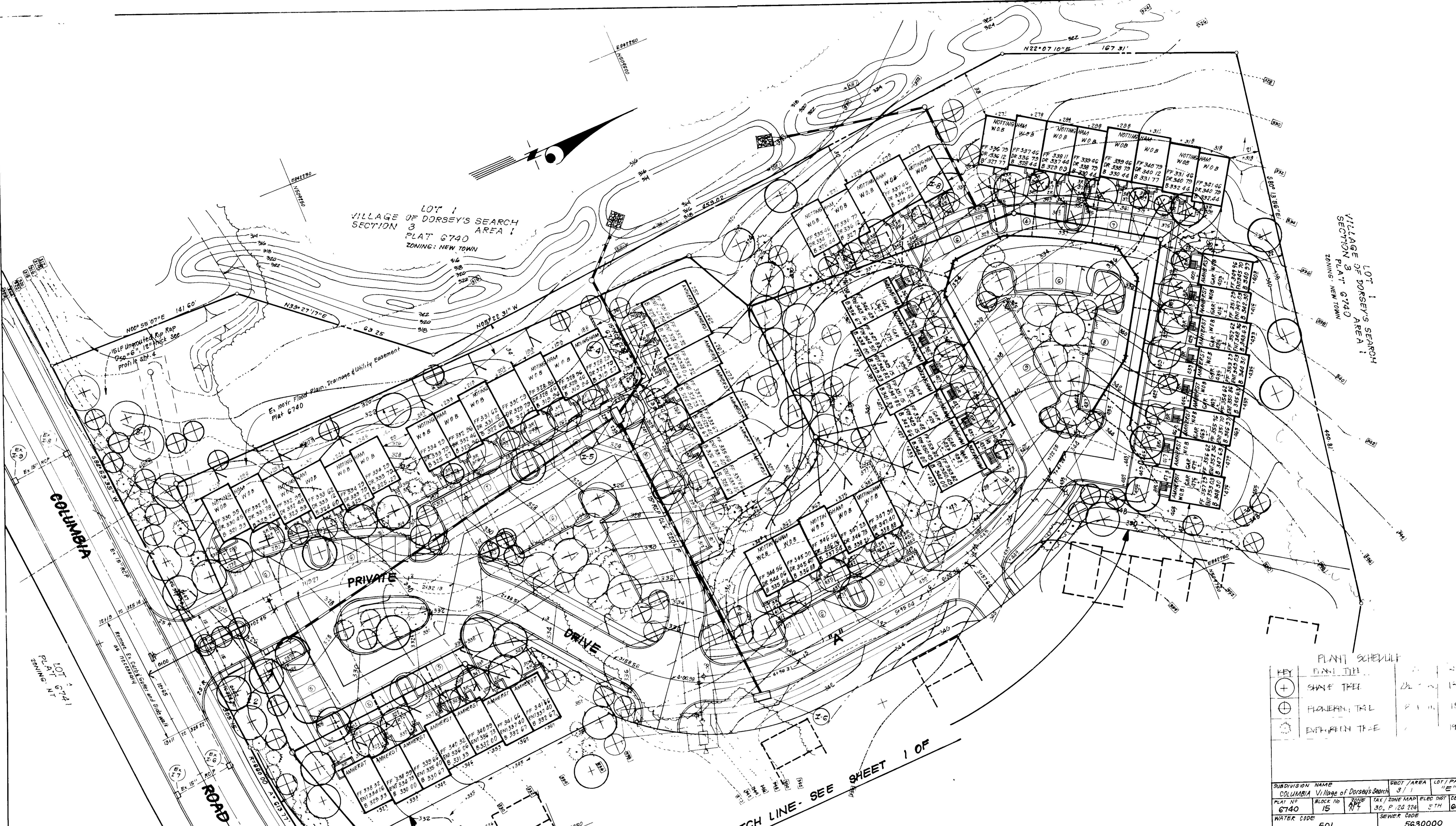
DESIGNER'S CERTIFICATE	
DESIGNED	DGT
DRAWN	GS
CHECKED	DGT
DATE	4-6-89
CLARK • FINEFLOCK & SACKET, INC ENGINEERS • PLANNERS • SURVEYORS 115 MONTGOMERY WAY • COLUMBIA, MD 21046 • TEL: 410-261-1100	
SEDIMENT AND EROSION CONTROL PLAN PARCEL E COLUMBIA VILLAGE OF DORSEYS SEARCH SECTION 3 5th ELECTION DISTRICT HOWARD COUNTY MARYLAND AREA I	
SCALE	As Shown
DRAWING	8 OF 10
JOB NO	87-152
FILE NO	87-152 SE
DATE	4-6-89
For	NV Homes 7001 Lewinsville Road Suite 301 MCLean, Virginia 22102
DATE	10/2/89
DATE	SDP-89-17

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Maryland.

Signature: [Signature] 4-18-89
 Date: 4-18-89





PLANT SCHEDULE

KEY	DESCRIPTION	QUANTITY	REMARKS
⊕	SHADE TREE	152	
⊗	FLOWERING TREE	152	
⊙	EVERGREEN TREE	192	

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
COLUMBIA Village of Dorsey's Search	3 / 1	"E"
PLAT NO. 6740	BLOCK NO. 15	APR
WATER CODE E01	TAX / ZONE MAP 30, P. 120 224	ELEC DIST 5TH
	SEWER CODE	6052.02
		5630000

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
Dorsey M. Bond 6/21/89
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
James M. Taylor 6/20/89
 PLANNING DIRECTOR DATE
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT LKS

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Taylor 6/21/89
 DIRECTOR DATE
 CHIEF BUREAU OF ENGINEERING

2-1-89
 LKS

MATCH LINE - SEE SHEET 1 OF 2

Wayne H. Davis

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7530 - BALTO. • (301) 471-1111 - WASH.

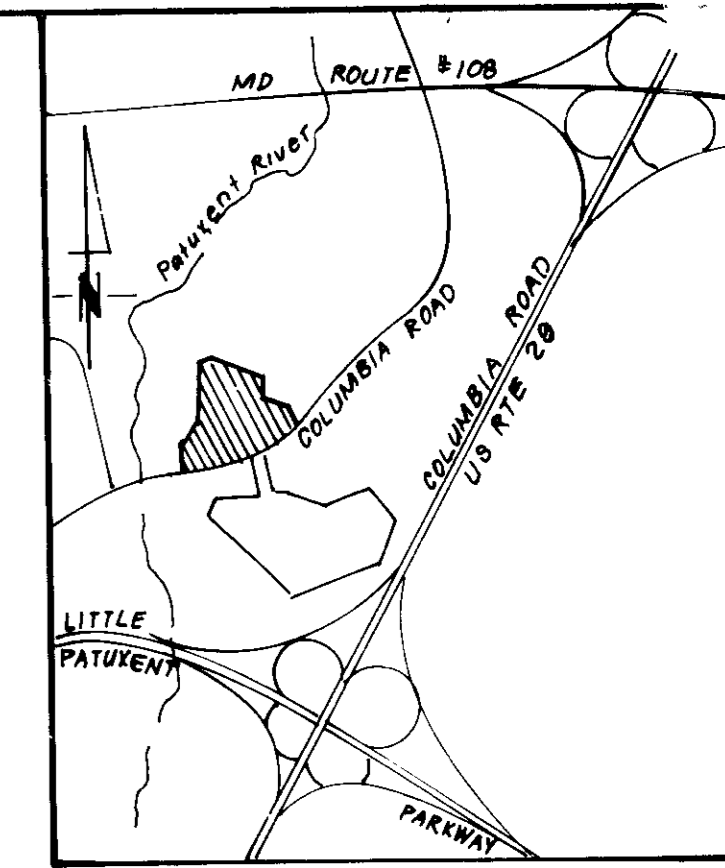
DESIGNED MJP
 DRAWN PER
 CHECKED W.H.T
 DATE 7-18-88

LANDSCAPE PLAN
 PARCEL E
COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR N.Y. HOMES
 7601 LEWISVILLE ROAD, SUITE 301
 MCLEAN, VA 22102

SCALE 1"=30'
 DRAWING 9 OF 10
 JOB NO. 87-152
 FILE NO. 87-152-15

AS-BUILT 10/6/89 DR-89-17



LOT 1
VILLAGE OF DORSEY'S SEARCH
SECTION 3
AREA 1
PLAT 6740
ZONING NT

Handwritten signature

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Signature DATE 6/21/89
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
Signature DATE 6/30/89
PLANNING DIRECTOR
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature DATE 6/21/89
DIRECTOR
CHIEF BUREAU OF ENGINEERING DATE 6/21/89

APPROVED
PLAT NO. 6740
OF HOWARD COUNTY
DATE 2-1-89
LKS

VILLAGE OF DORSEY'S SEARCH
LOT 4
SECTION 3
PLAT 6740
ZONING NT

SUBDIVISION NAME	COLUMBIA - Village of Dorsey's Search	BLK/AREA	3/1	LOT/PARCEL	E
PLAT/NO.	6740	BLOCK NO.	15	TAX ZONE MAP	NT 30
WATER CODE	E01	SEWER CODE	563000	PLC DIST	5TH
				CONSENSUS TR.	6052.02

CLARK • FINEPROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7000 - BALTO • (301) 621-8100 - WASH

DESIGNED MJP
DRAWN PER
CHECKED WLT
DATE 7-18-88

LANDSCAPE PLAN
PARCEL E
COLUMBIA
VILLAGE OF DORSEY'S SEARCH
SECTION 3
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR N.V. Homes
7601 Lewinsville Road, Suite 301
McLean, Va 22102

SCALE 1"=30'
DRAWING 10 OF 10
JOB NO 87-152
FILE NO 87-152-10

AS-BUILT 10/21/89 501-89-17

