

VICINITY MAP  
Scale 1" = 200'

- GENERAL NOTES**
- The land included in this plan is zoned R-20
  - Coordinates shown are extensions made from Maryland State Plane Coordinate System. Bearings refer to True North and are based on Howard County Geodetic Survey point numbers
  - Total area of lots: 13,000 Ac.
  - All roadways are public and existing
  - Any damage to County owned rights-of-way shall be contracted at the developers expense
  - Total number of lots: 34
  - Topography is field-run by Clark, Finebrook & Sackett, Inc.
  - Reference FR 80-2, P 87 27, S 80-97
  - SW/M for this plan has been provided for in Burleigh Manor 1/1 F 70-23
  - Improvement of Property Single Family Density Units

NO	REVISION	Date
1	Rev. hse & grd lots 490 from Essex to Kingsmill, lot 500 from Essex to Kingsmill (See sheet 2)	7-12-80
2	Rev. hse & grd lot 489 from Westport to Kingsmill lot 491 from Westport to Raleigh	2-27-81
3	Rev. hse & grd lot 505 from Westport to Kingsmill	6-5-81
4	Rev. hse & grd lots 488, 489 & 491	2-5-82
5	Rev. hse & grd lot 490, 501 & 502, Add typical hse	2-26-82
6	Rev. hse & grd lot 504	3-10-82
7	Rev. hse & grd lot 508	4-30-82
8	Rev. hse & grd lot 480	4-8-82
9	Rev. hse & grd lot 486	6-12-82
10	Rev. hse & grd lots 503, 506 & 507, Rev. hse typical	6-30-82
11	Rev. hse & grd lots 506 & 507, Add hse typical	10-15-82
12	Rev. grd. & garage to side entry lot 488	10-27-82
13	Rev. hse & grd. lots 490 & 503, Add hse type	11-17-82
14	Rev. hse & grd lot 442	1-12-83
15	Remove Yard Inlet & prop. swale lot 501-504 & 506-508	3-1-83
	Rev. grading	

OWNER GERALD W. KATZ & THOMAS J. PELLERINO, TRUSTEES	Subdivision Name <b>BURLEIGH MANOR</b>	Section 3/4	Lot No. 488-491 & 492
DEVELOPER ROSE RICHMOND JOINT VENTURE 153 EDGEWOOD ST. SUITE 101 BALTIMORE, MD 21227	Plot No. 7479 7480	Block No. 10	Zone R-20
	Tax Map No. 23 & 24	Election Dist. 2nd	Census Tr. 6025-01
	Water Code J01	Senior Code 584600	

**CLARK • FINEBROOK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
710 MINNISTRELL WAY • COLUMBIA, MD 21046 • (410) 381-1500 • FAX (410) 381-1501

DESIGNED VHL	SITE DEVELOPMENT PLAN LOTS 488-491, 493-521 & 442 <b>BURLEIGH MANOR</b> SECTION 3 AREA 4, PHASE 2	DATE 1-23-84
DRAWN PER		SCALE 1" = 20'
CHECKED JME	TAX MAP 23 & 24 2 <sup>ND</sup> ELECTION DIST., HOWARD CO MARYLAND	JOB NO. 89-220
DATE 2-5-1984	OCEAN ATLANTIC 70 Canal Center Plaza, Suite 210 Alexandria, Va 22304	FILE NO. 89-025-

**ADDRESS CHART**

LOT NO.	STREET ADDRESS
442	10345 Glastonbury Road
488	10300 Royal Ascol Court
489	7204
490	10305
491	10312
501	10317
502	10313
503	10309
504	10305
505	103 Royal Ascol Court
506	10222 Breconshire Road
507	10222
508	10306 Breconshire Road

**SALEM**  
1720.00 = 5793.3 # Min Lot Size  
0.3

**BELMONT**  
1850.26 = 6,167.53 # Min Lot Size  
0.3

6-22-89

**LEGEND**

- Contour Interval 2 FT
- Existing Contour (solid line)
- Proposed Contour (dashed line)
- Spot Elevation (number)
- Direction of Drainage (arrow)
- Walk out Basement (dotted line)
- Trees to be Saved (cloud symbol)

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 9-18-88

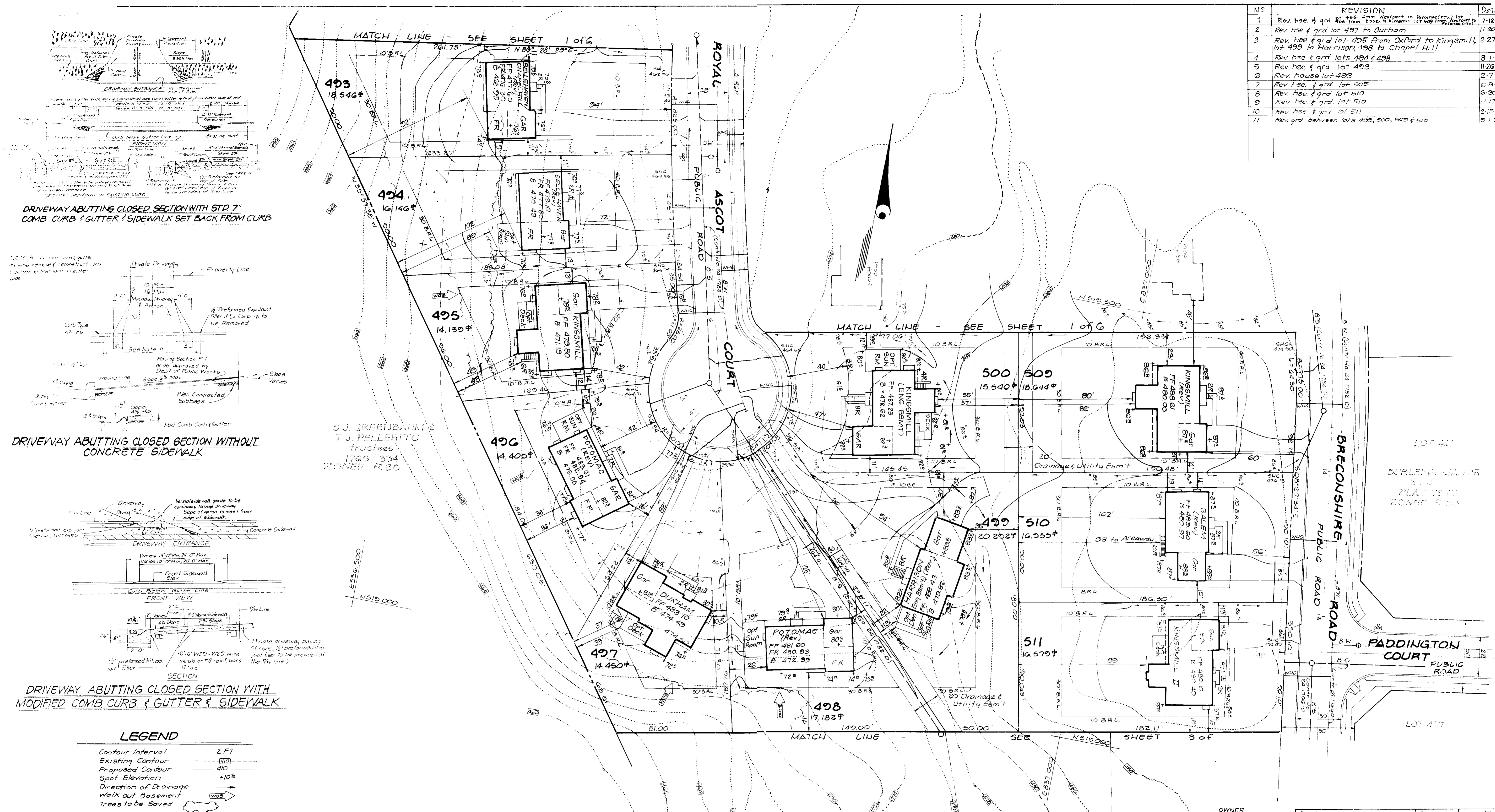
**APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING**  
DATE: 10-3-89

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE**  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 9-1-89

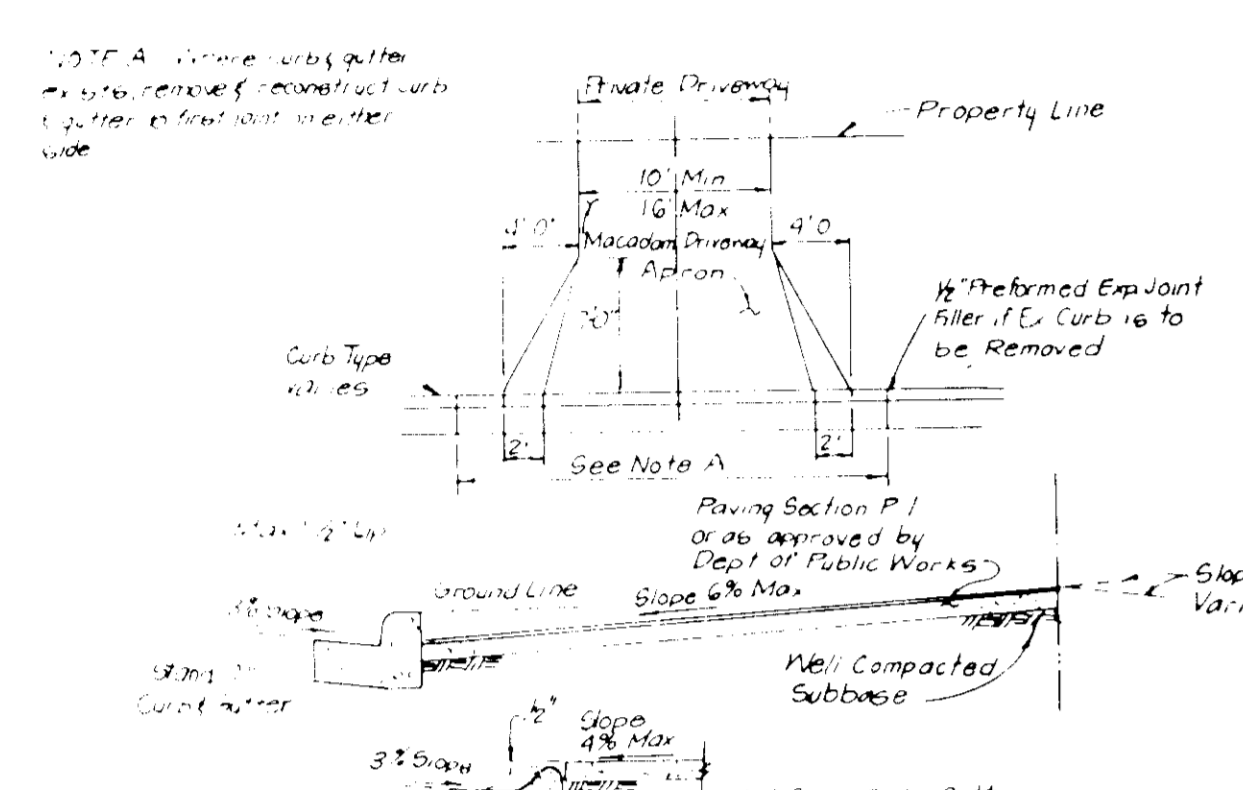
**APPROVED**  
DATE: 11-11-89

**NOT INCLUDED IN THIS SUBMISSION**

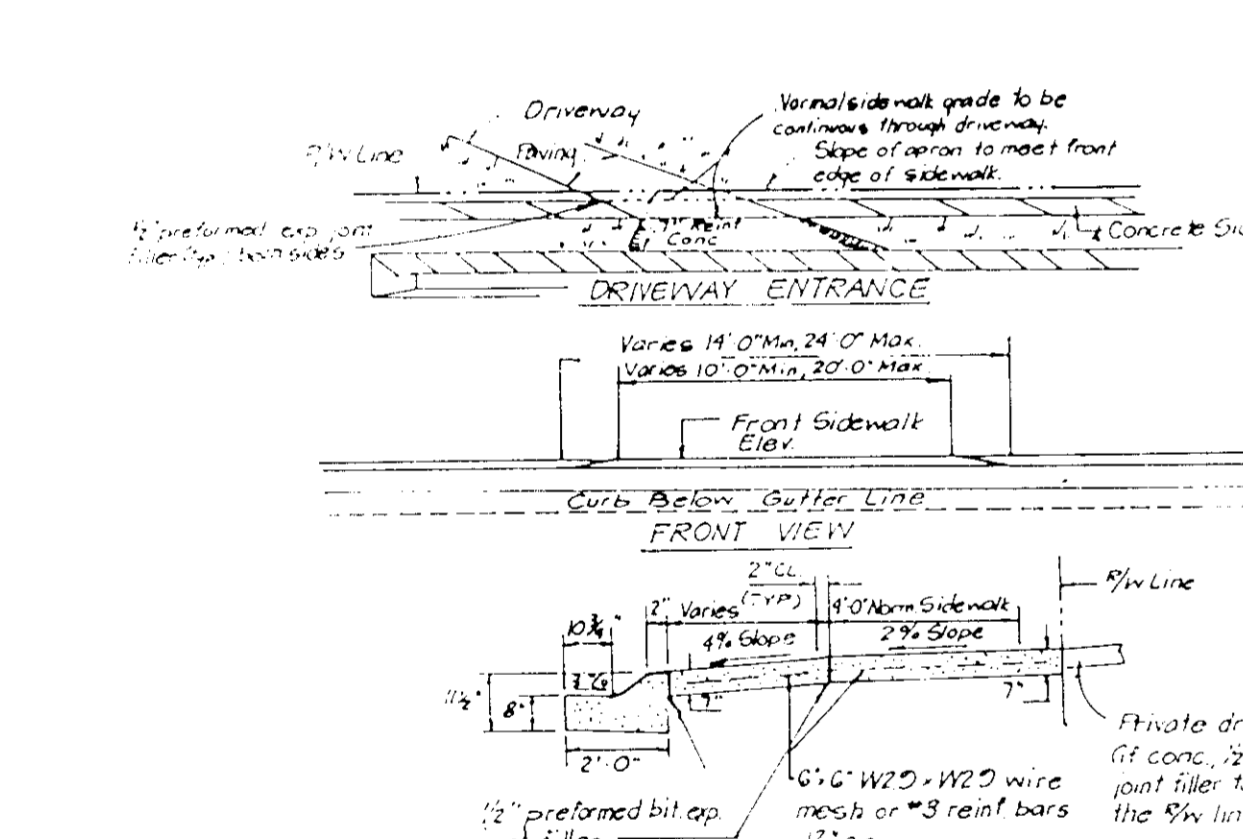
Nº	REVISION	Date
1	Rev hse & grd lot 496 From Westport to Potomac (Rev) lot 496 From Essex to Kingsmill lot 509 From Westport to	7-12-90
2	Rev hse & grd lot 497 to Durham	11-20-90
3	Rev hse & grd lot 495 From Oxford to Kingsmill, lot 499 to Harrison, 498 to Chapel Hill	2-27-91
4	Rev hse & grd lots 494 & 498	8-1-91
5	Rev hse & grd lot 493	11-26-91
6	Rev house lot 493	2-7-91
7	Rev hse & grd lot 500	6-8-92
8	Rev hse & grd lot 510	6-30-92
9	Rev hse & grd lot 510	11-17-92
10	Rev hse & grd lot 511	2-15-93
11	Rev grd between lots 499, 500, 509 & 510	9-1-93



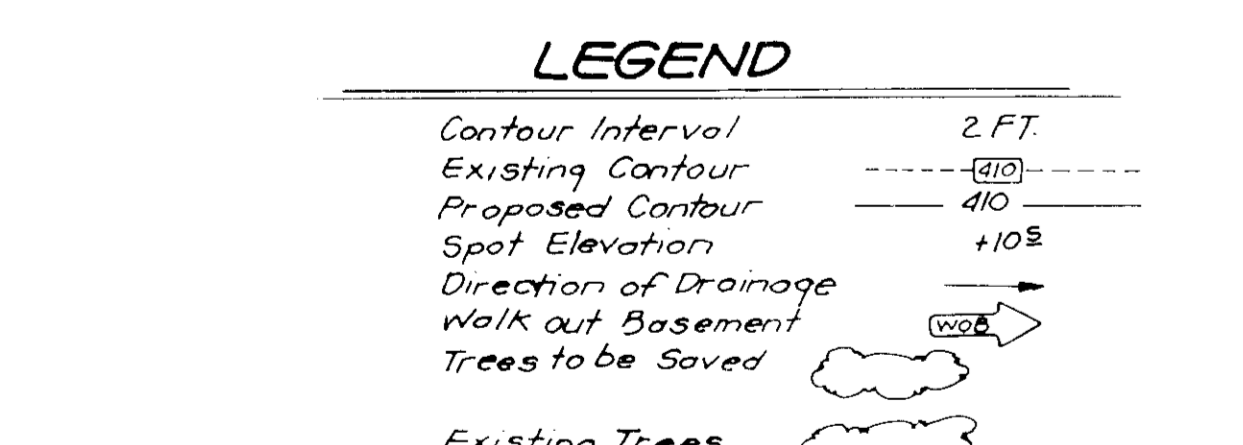
DRIVEWAY ABUTTING CLOSED SECTION WITH STD 7" COMB CURB & GUTTER & SIDEWALK SET BACK FROM CURB



DRIVEWAY ABUTTING CLOSED SECTION WITHOUT CONCRETE SIDEWALK



DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMB CURB & GUTTER & SIDEWALK



**APPROVED:** FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 9-18-88

**APPROVED:** HOWARD COUNTY DEPT. OF PLANNING & 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: 9-11-89

6-22-89

LOT Nº	STREET ADDRESS
493	10320 Royal Ascot Court
494	10324 Royal Ascot Court
495	10328 Royal Ascot Court
496	10332 Royal Ascot Court
497	10336 Royal Ascot Court
498	10340 Royal Ascot Court
499	10344 Royal Ascot Court
500	10348 Royal Ascot Court
509	10344 Breconshire Road
510	10344 Breconshire Road
511	10348 Breconshire Road

OWNER: GERALD M. KATZ & THOMAS J. PELLERITO, TRUSTEES  
DEVELOPER: ROBE/RYCHMOND JOINT VENTURE  
1531 EDDINGWOOD ST SUITEM  
BALTIMORE, MD 21227

Subdivision Name: BURLINGHAM MANOR  
Sect: 3/4  
Plat No: 1974  
Block No: 10  
Zone: R-20  
Tax Map No: 23E 24  
Elec. Dist: 240  
Census Tr: 10225 C-1  
Water Code: JO1  
Sewer Code: 5841600

**CLARK • FINEFROCK & SACKETT, INC**  
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7135 MINISTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 • BALTO • VA

**SITE DEVELOPMENT PLAN**  
LOTS 488-491, 493-521 & 442

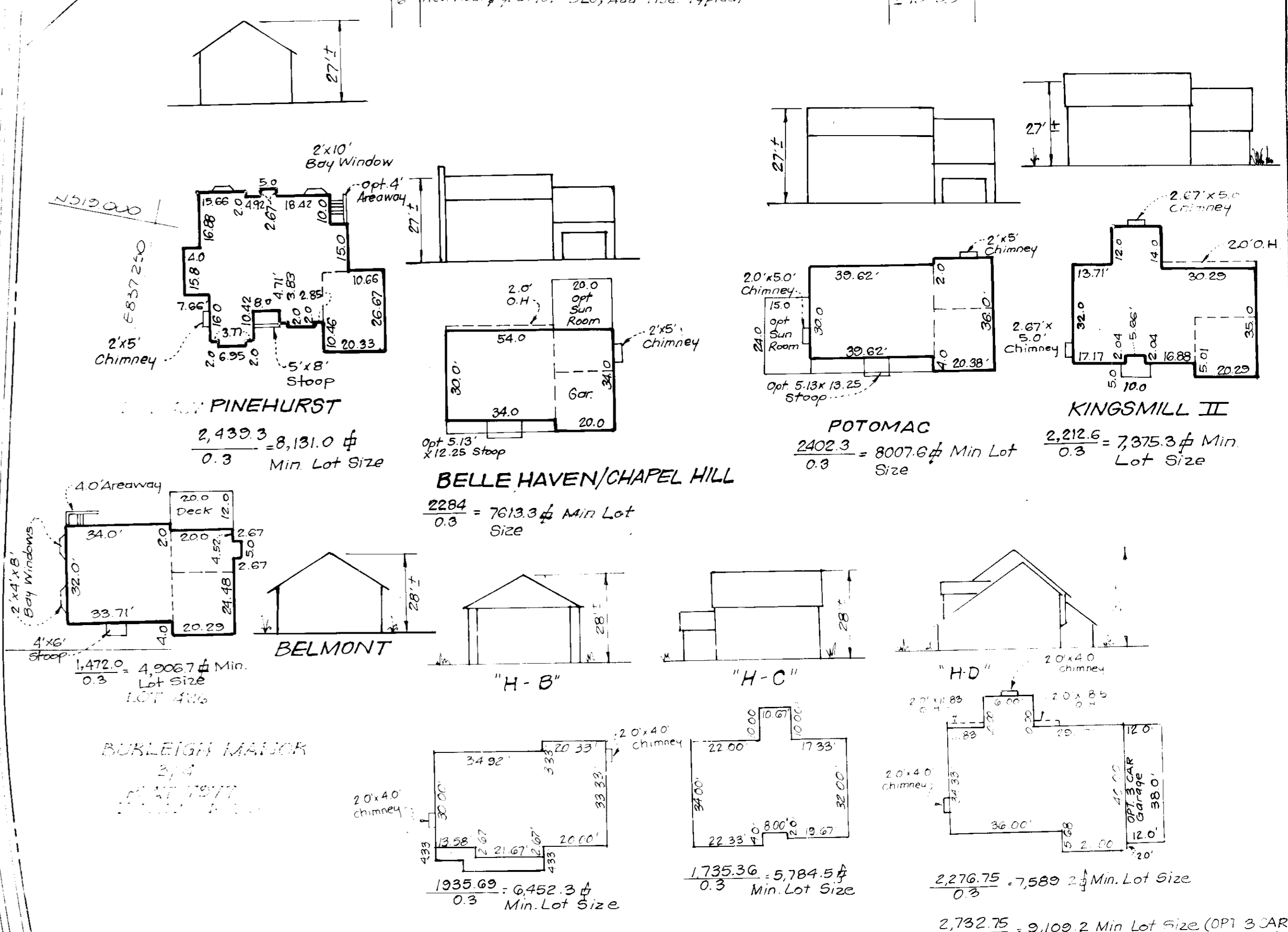
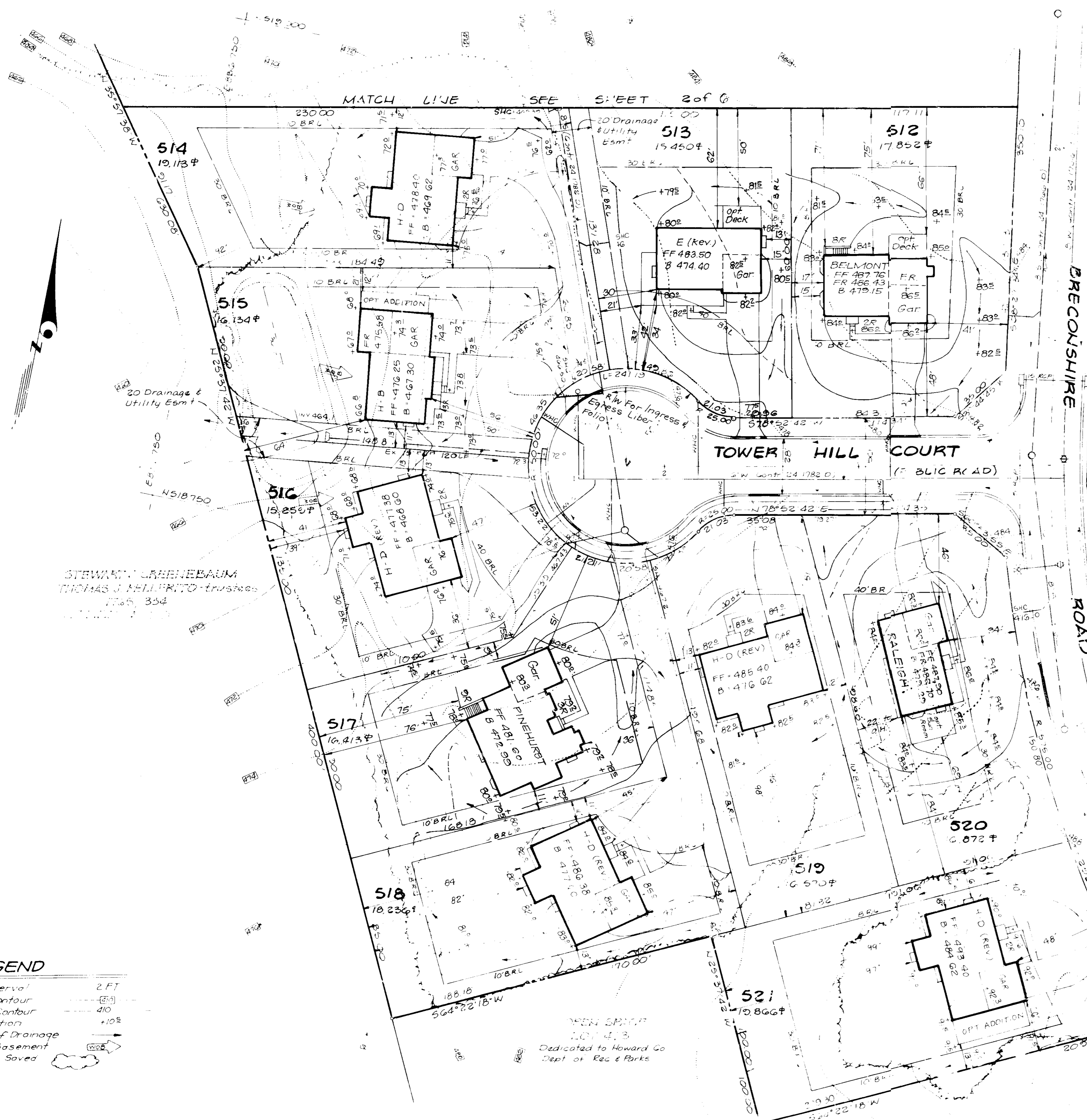
**BURLINGHAM MANOR**  
SECTION 3, AREA 4, PHASE 2

TAX MAP 23E 24 PARCEL 200  
2ND ELECTION DIST., HOWARD CO MARYLAND

OCEAN ATLANTIC  
2 Canal Center Plaza, Suite 210  
Alexandria, Va 22304

DATE: MAY 25, 1989

No	REVISIONS	Date
1	Finalize & print SDP 89-241	11-21-90
2	Add typical house types	8-1-91
3	Rev hse and grd lot 517	1-2-92
4	Rev hse and grd lots 512 & 520, Add hse typical	6-23-92
5	Rev hse & grd lot 512, Add hse typical	12-1-92
6	Rev hse & grd lot 520, Add hse typical	2-10-93



**TYPICAL HOUSES**  
Scale 1" = 30'

NOTE:  
The information contained herein is the property of the undersigned and is not to be used for any other project without the written consent of the undersigned. The undersigned and its employees and agents have prepared this plan and the information contained herein is based on the information furnished to the undersigned and is not to be used for any other project without the written consent of the undersigned. The undersigned and its employees and agents have prepared this plan and the information contained herein is based on the information furnished to the undersigned and is not to be used for any other project without the written consent of the undersigned.

NOTE:  
Improvements shown within the rights-of-way on this SDP are not to be used for construction. For construction, see approved road construction plans F-88-140 and/or approved water and sewer plans contract # 24-1782-D.

\* NOTE:  
THIS PLAN SUPERCEDES PREVIOUSLY APPROVED PLAN SDP-89-241.

LOTS 512-521 FOR:  
HALLMARK BLDGS, INC  
P.O. BOX 1018  
COLUMBIA, M.D. 21044

OWNER	DEVELOPER	DATE	NO.	DATE	NO.	DATE	NO.
GERALD M. KATZ & THOMAS J. PELLERITO, TRUSTEES	ROSE RICHMOND JOINT VENTURE	11/21/90	1	11/21/90	2	11/21/90	3
		11/21/90	4	11/21/90	5	11/21/90	6

**LEGEND**

- Contour Interval: 2 FT
- Existing Contour: (solid line)
- Proposed Contour: (dashed line)
- Spot Elevation: (+10%)
- Direction of Drainage: (arrow)
- Walk out Basement: (dotted line)
- Trees to be Saved: (cloud symbol)

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 11-21-90

APPROVED FOR DEPARTMENT OF PLANNING & ZONING  
DATE: 11/21/90

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 10/30/90

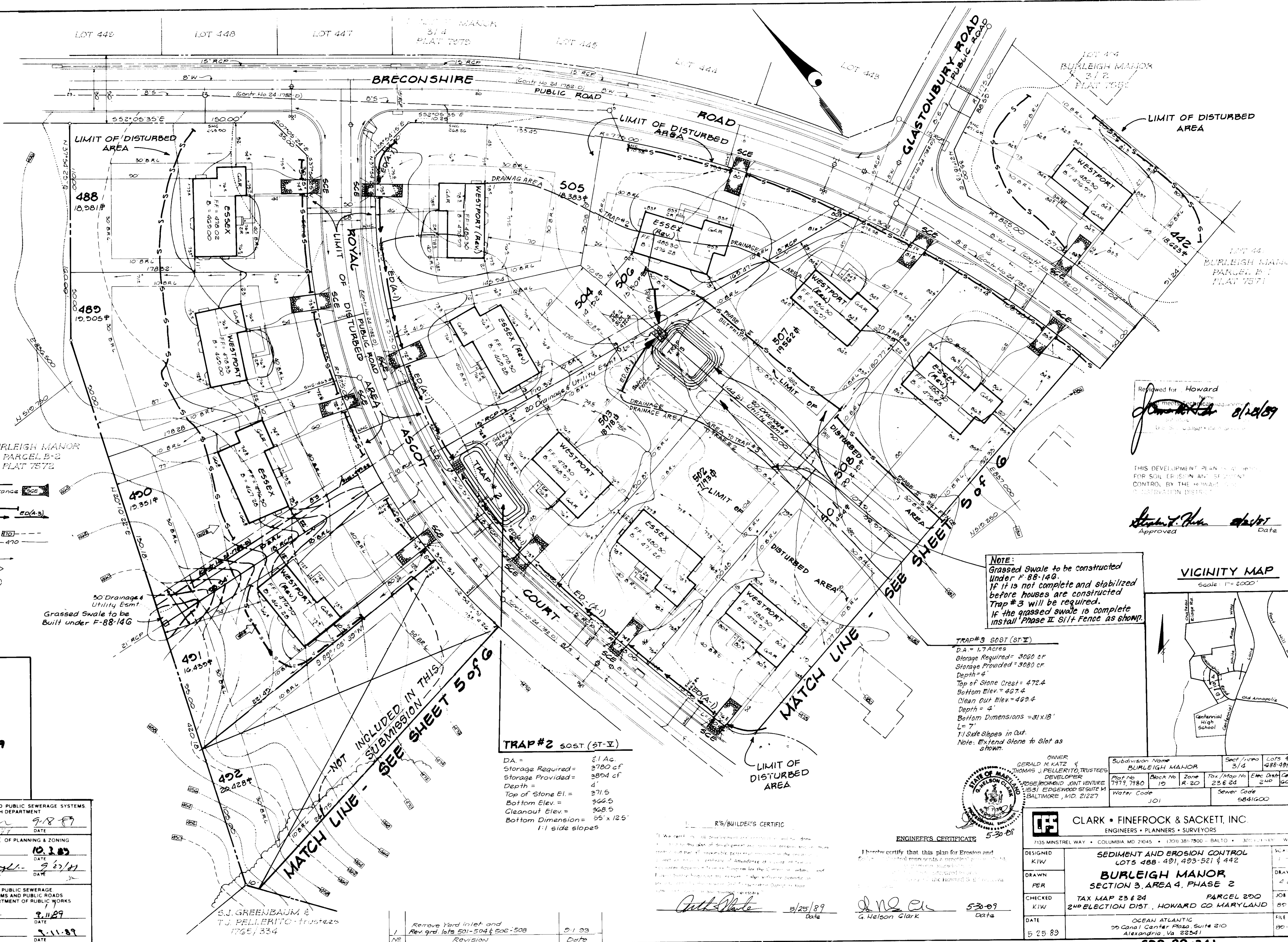
**ADDRESS CHART**

LOT #	STREET ADDRESS
512	1087 1/2 Tower Hill Court
513	1087 Tower Hill Court
514	1087 1/2 Tower Hill Court
515	1087 Tower Hill Court
516	1087 1/2 Tower Hill Court
517	1087 Tower Hill Court
518	1087 1/2 Tower Hill Court
519	1087 Tower Hill Court
520	1087 1/2 Tower Hill Court
521	1087 Tower Hill Court

REVISIONS

No	Description	Date
1	Rev hse and grd lot 519 from ESSEX to E (REV.)	4-26-91

AMENDED 8-10-91



**LEGEND**

- Stabilized Construction Entrance
- Limit of Disturbed Area
- Silt Fence: S - S - S
- Earth Dike
- Contour Interval: 2 ft
- Existing Contour: 470
- Proposed Contour: 72%
- Spot Elevation
- Direction of Drainage
- Walk-Out Basement
- Trees to be Saved

Reviewed for Howard  
*[Signature]* 8/24/89  
 Date

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

*[Signature]* 8/24/89  
 Approved Date

**NOTE:**  
 Grassed Swale to be constructed Under F-88-140. If it is not complete and stabilized before houses are constructed Trap #3 will be required. If the grassed swale is complete install Phase II Silt Fence as shown.

**VICINITY MAP**  
 Scale: 1" = 2000'

**TRAP #3 808T (ST-V)**  
 D.A. = 1.7 Acres  
 Storage Required = 3060 CF  
 Storage Provided = 3080 CF  
 Depth = 4'  
 Top of Stone Crest = 472.4  
 Bottom Elev. = 467.4  
 Clean Out Elev. = 469.4  
 Depth = 4'  
 Bottom Dimensions = 31' x 18'  
 L = 7'  
 1:1 Side Slopes in Cut.  
 Note: Extend Stone to Slot as shown.

**TRAP #2 808T (ST-V)**  
 D.A. = 2.1 Ac.  
 Storage Required = 3780 CF  
 Storage Provided = 3894 CF  
 Depth = 4'  
 Top of Stone El. = 371.5  
 Bottom Elev. = 366.5  
 Cleanout Elev. = 368.5  
 Bottom Dimension = 95' x 125'  
 1:1 side slopes

6-22-89

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

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

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

R/S/BUILDER'S CERTIFIC

*[Signature]* 8/25/89 Date

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control meets the requirements of the Howard County Department of Public Works and the Howard County Department of Planning & Zoning.

*[Signature]* 8/25/89 Date

Subdivision Name BURLLEIGH MANOR		Sect./vno 3/4	Lots 488-521 488-491 & 442	
Plot No 7979, 7980	Block No 19	Zone R-20	Tax/Map No 23624	Elec Dist 240
Water Code J01		Sewer Code 5841G00		

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

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 • BALTO • (301) 411-4444 • WASH

DESIGNED KIW	<b>SEDIMENT AND EROSION CONTROL</b> LOTS 488 - 491, 493-521 & 442	SCALE 1" = 400'
DRAWN PER		DRAWING 4 of 6
CHECKED KIW	<b>BURLLEIGH MANOR</b> SECTION 3, AREA 4, PHASE 2	JOB NO 85 020
DATE 5 25 89		FILE NO 89-0255E

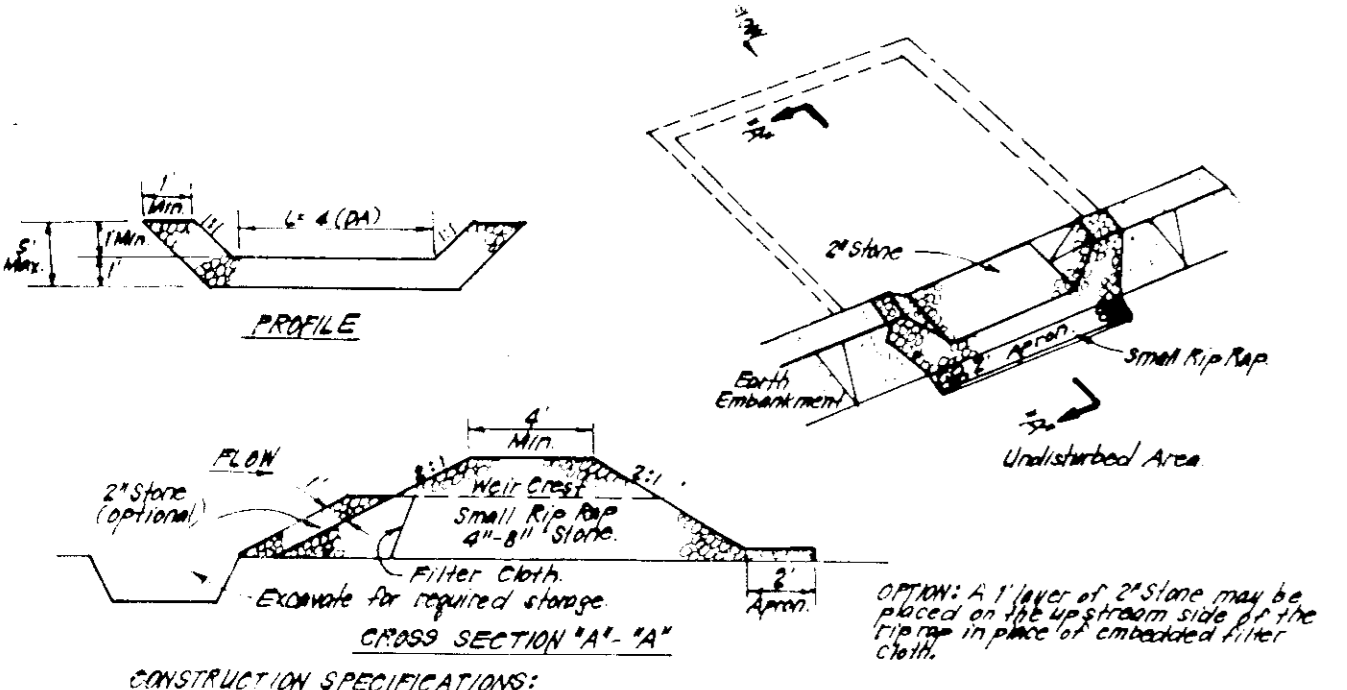
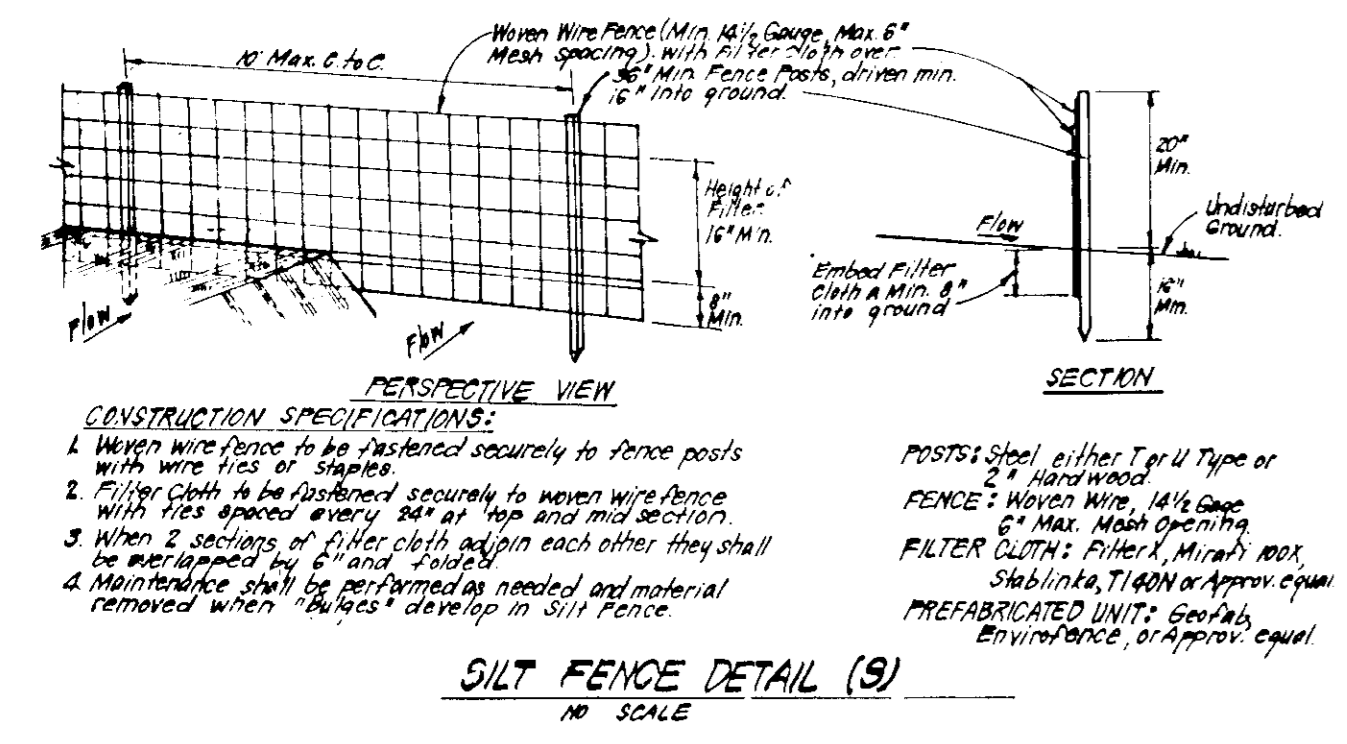
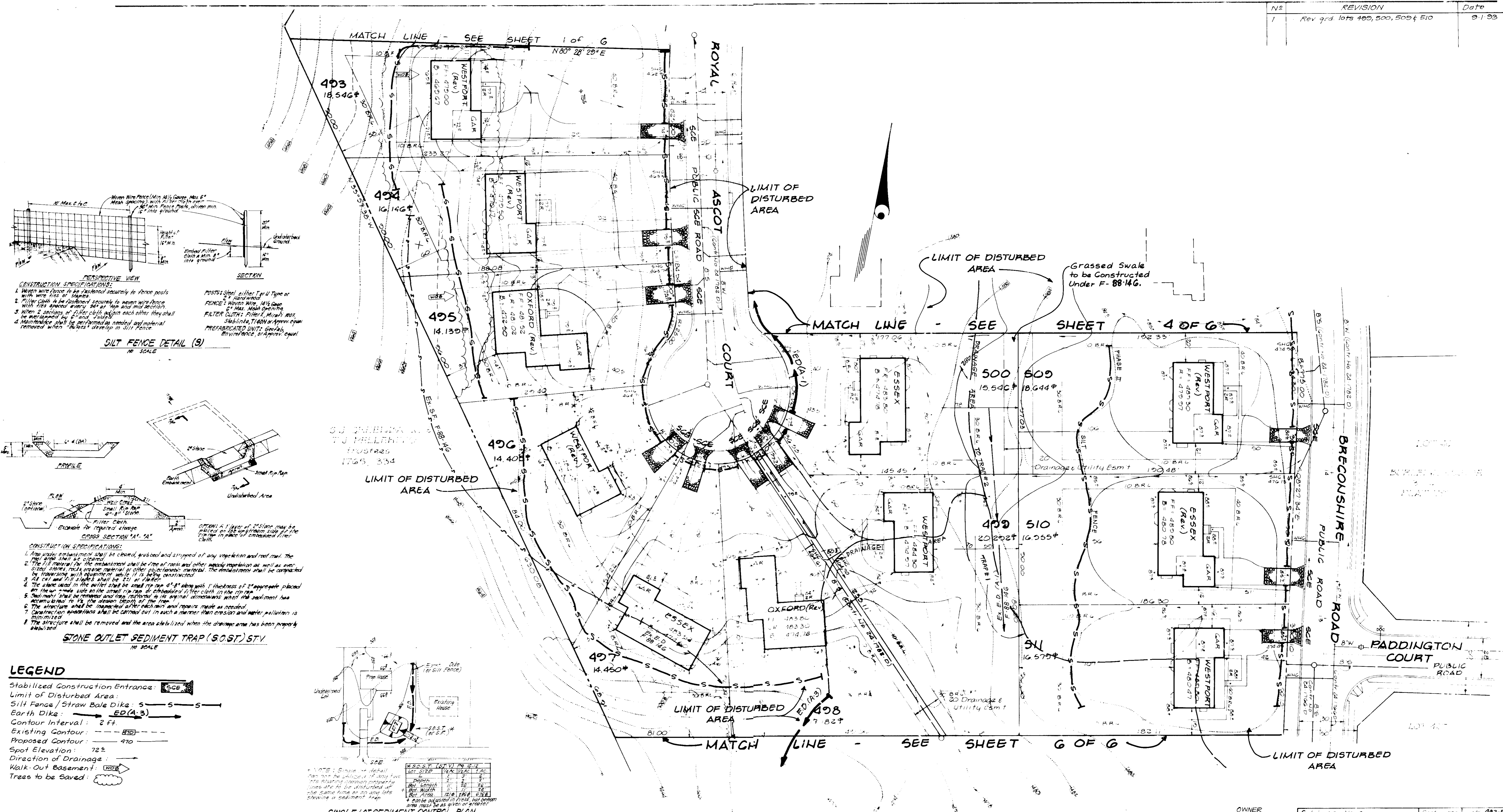
TAX MAP 23 & 24 PARCEL 200  
 240 ELECTION DIST., HOWARD CO MARYLAND

OCEAN ATLANTIC  
 99 Canal Center Plaza, Suite 210  
 Alexandria, Va 22311

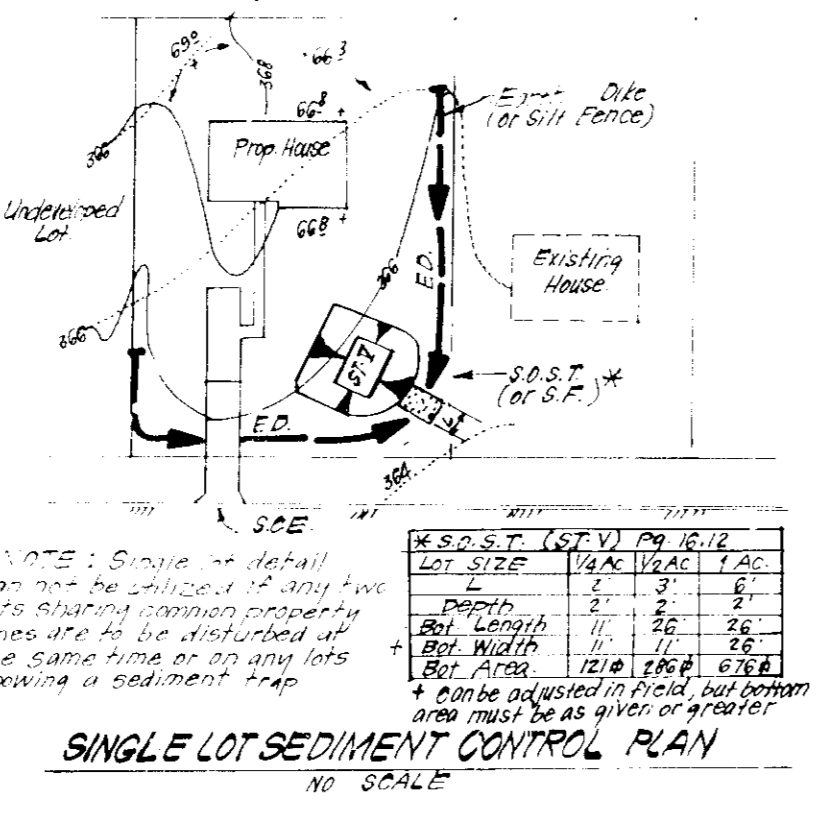
SDP-89-241

Remove Yard Inlet and  
 Rev 9rd. lots 501-504 & 506-508  
 9-1-89  
 Revision Date

S.J. GREENBAUM &  
 T.J. PELLERITO - Trustees  
 17621 334



- LEGEND**
- Stabilized Construction Entrance: SCE
  - Limit of Disturbed Area: S
  - Silt Fence / Straw Bale Dike: S-S-S
  - Earth Dike: ED(A-3)
  - Contour Interval: 2 ft.
  - Existing Contour: 470
  - Proposed Contour: 470
  - Spot Elevation: 72.5
  - Direction of Drainage: →
  - Walk-Out Basement: WOB
  - Trees to be Saved: (Tree symbol)



**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS**  
HOWARD COUNTY HEALTH DEPARTMENT  
9-18-89  
DATE

**APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING**  
10-3-89  
DATE

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE**  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
9-11-89  
DATE

6-22-89

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Approved: Stephen L. Fure 8/25/89

Reviewed for Howard County Requirements: [Signature] 8/28/89

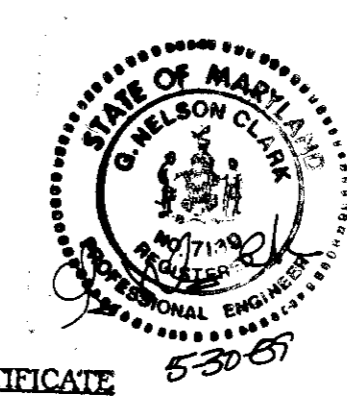
I hereby certify that all development and construction will be done in accordance with this plan for erosion and sediment control and that all responsible personnel involved in the construction shall have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspections by the Howard Soil Conservation District or their authorized agents, as deemed necessary.

Approved: [Signature] 5/25/89

**ENGINEER'S CERTIFICATE**

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

Approved: [Signature] 5-30-89  
G. Nelson Clark Date



**CLARK • FINEFROCK & SACKETT INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
2115 MINNETHUR WAY • COLUMBIA, MD. 21046 • TEL: 410-253-1100

**OWNER:** GERALD M. KATZ & THOMAS J. PELLERITO, TRUSTEES  
**DEVELOPER:** ROSE/RICHMOND JOINT VENTURE  
1531 EDGEMOOD ST. SUITE M  
BALTIMORE, MD. 21227

Sublot Name	BURLEIGH MANOR	Lot No.	3/3	Parcel No.	489-521
Plot No.	19	Zone	R-20	Tax Map	23 & 24
Water Code	101	Sheet Code	5641002	Parcel No.	200

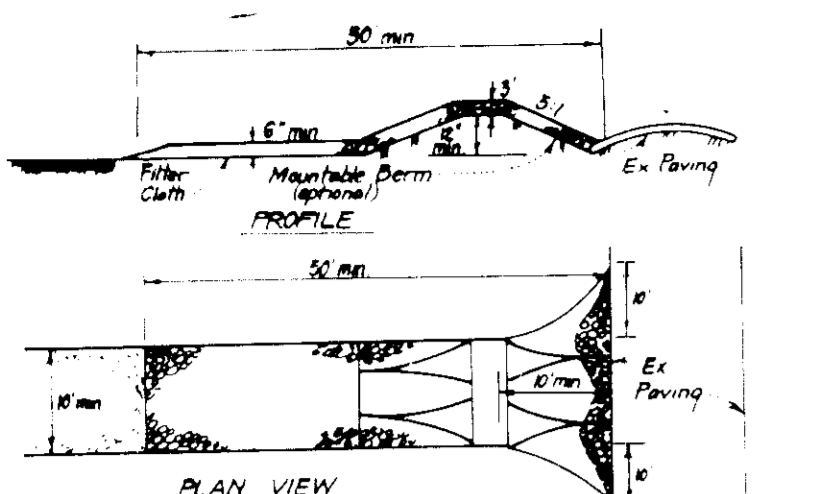
**DESIGNED:** KIW  
**DRAWN:** PER  
**CHECKED:** KIW  
**DATE:** 5-25-89

**SEDIMENT AND EROSION CONTROL**  
LOTS 488-491, 493-521 & 442  
**BURLEIGH MANOR**  
SECTION 3, AREA 4, PHASE 2  
TAX MAP 23 & 24 PARCEL 200  
2ND ELECTION DIST., HOWARD CO MARYLAND

**DATE:** 5-25-89

OCEAN ATLANTIC  
300 Canal Center Plaza, Suite 310  
Alexandria, VA 22304

SDP-89-241

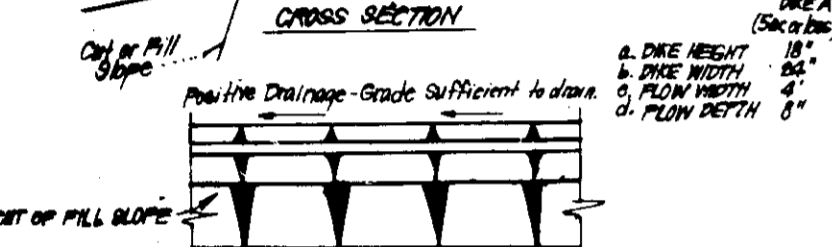


**CONSTRUCTION SPECIFICATIONS**

- Stone size - Use 2" stone or equivalent in recycled concrete equipment.
- Length - As required, but not less than 30 feet, except in a single residence lot where a 30 foot minimum length would apply.
- Thickness - Not less than six (6) inches.
- Width - Ten (10) feet minimum, but not less than the full width at points where drainage or access is required.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residential lot.
- Surface Water - All surface water flowing or overflowing from any structure shall be piped across the entrance. If piping is impractical, a mulch side berm with 5" depth will be required.
- 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 cleaning, with additional cleaning as needed to prevent tracking and repair and/or clearing of any materials used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Warning - Warning shall be placed to remove sediment from entrance onto public rights-of-way. When warning is required, it shall be done on an area stabilized with straw and which drains into an approved sediment trapping device.
- Periodic inspection and record maintenance shall be provided after each rain.

**STABILIZED CONSTRUCTION ENTRANCE (SCE)**

DA = 4.2Ac  
 Storage Req'd = 7560cf L-16  
 Storage Prov. = 7560cf  
 Depth = 4'  
 Top of Stone Elev. = 464.0  
 Bottom Elev. = 459.0  
 Cleanout Elev. = 461.0  
 Bottom Dimensions = 52' x 23.5'  
 2:1 Side Slopes



**CONSTRUCTION SPECIFICATIONS**

- All ditches shall be constructed by earth-moving equipment.
- All ditches shall have a minimum depth of 4" and 18" for 15' and 30' respectively.
- The width may be wider and side slopes may be flatter if desired, to facilitate cleaning by construction traffic.
- Final ditches shall be equipped as needed to utilize a stabilized silt ditch. Earth ditches 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 ditch, where ditches, the ditch channel, and the drainage area above the ditch are not adequately stabilized. See (A) in accordance with standard specifications for silt and straw mulch or straw mulch, (B) flow channel as per chart below.

**FLOW CHANNEL STABILIZATION**

TYPE OF TREATMENT	CHANNEL WIDTH	SIDE SLOPE	DITCH DEPTH
1	15 - 30'	2:1	4"
2	31 - 45'	2:1	6"
3	46 - 60'	2:1	8"
4	61 - 75'	2:1	10"
5	76 - 90'	2:1	12"
6	91 - 105'	2:1	14"
7	106 - 120'	2:1	16"
8	121 - 135'	2:1	18"
9	136 - 150'	2:1	20"
10	151 - 165'	2:1	22"
11	166 - 180'	2:1	24"
12	181 - 195'	2:1	26"
13	196 - 210'	2:1	28"
14	211 - 225'	2:1	30"
15	226 - 240'	2:1	32"
16	241 - 255'	2:1	34"
17	256 - 270'	2:1	36"
18	271 - 285'	2:1	38"
19	286 - 300'	2:1	40"
20	301 - 315'	2:1	42"
21	316 - 330'	2:1	44"
22	331 - 345'	2:1	46"
23	346 - 360'	2:1	48"
24	361 - 375'	2:1	50"
25	376 - 390'	2:1	52"
26	391 - 405'	2:1	54"
27	406 - 420'	2:1	56"
28	421 - 435'	2:1	58"
29	436 - 450'	2:1	60"
30	451 - 465'	2:1	62"
31	466 - 480'	2:1	64"
32	481 - 495'	2:1	66"
33	496 - 510'	2:1	68"
34	511 - 525'	2:1	70"
35	526 - 540'	2:1	72"
36	541 - 555'	2:1	74"
37	556 - 570'	2:1	76"
38	571 - 585'	2:1	78"
39	586 - 600'	2:1	80"
40	601 - 615'	2:1	82"
41	616 - 630'	2:1	84"
42	631 - 645'	2:1	86"
43	646 - 660'	2:1	88"
44	661 - 675'	2:1	90"
45	676 - 690'	2:1	92"
46	691 - 705'	2:1	94"
47	706 - 720'	2:1	96"
48	721 - 735'	2:1	98"
49	736 - 750'	2:1	100"
50	751 - 765'	2:1	102"
51	766 - 780'	2:1	104"
52	781 - 795'	2:1	106"
53	796 - 810'	2:1	108"
54	811 - 825'	2:1	110"
55	826 - 840'	2:1	112"
56	841 - 855'	2:1	114"
57	856 - 870'	2:1	116"
58	871 - 885'	2:1	118"
59	886 - 900'	2:1	120"
60	901 - 915'	2:1	122"
61	916 - 930'	2:1	124"
62	931 - 945'	2:1	126"
63	946 - 960'	2:1	128"
64	961 - 975'	2:1	130"
65	976 - 990'	2:1	132"
66	991 - 1005'	2:1	134"
67	1006 - 1020'	2:1	136"
68	1021 - 1035'	2:1	138"
69	1036 - 1050'	2:1	140"
70	1051 - 1065'	2:1	142"
71	1066 - 1080'	2:1	144"
72	1081 - 1095'	2:1	146"
73	1096 - 1110'	2:1	148"
74	1111 - 1125'	2:1	150"
75	1126 - 1140'	2:1	152"
76	1141 - 1155'	2:1	154"
77	1156 - 1170'	2:1	156"
78	1171 - 1185'	2:1	158"
79	1186 - 1200'	2:1	160"
80	1201 - 1215'	2:1	162"
81	1216 - 1230'	2:1	164"
82	1231 - 1245'	2:1	166"
83	1246 - 1260'	2:1	168"
84	1261 - 1275'	2:1	170"
85	1276 - 1290'	2:1	172"
86	1291 - 1305'	2:1	174"
87	1306 - 1320'	2:1	176"
88	1321 - 1335'	2:1	178"
89	1336 - 1350'	2:1	180"
90	1351 - 1365'	2:1	182"
91	1366 - 1380'	2:1	184"
92	1381 - 1395'	2:1	186"
93	1396 - 1410'	2:1	188"
94	1411 - 1425'	2:1	190"
95	1426 - 1440'	2:1	192"
96	1441 - 1455'	2:1	194"
97	1456 - 1470'	2:1	196"
98	1471 - 1485'	2:1	198"
99	1486 - 1500'	2:1	200"
100	1501 - 1515'	2:1	202"
101	1516 - 1530'	2:1	204"
102	1531 - 1545'	2:1	206"
103	1546 - 1560'	2:1	208"
104	1561 - 1575'	2:1	210"
105	1576 - 1590'	2:1	212"
106	1591 - 1605'	2:1	214"
107	1606 - 1620'	2:1	216"
108	1621 - 1635'	2:1	218"
109	1636 - 1650'	2:1	220"
110	1651 - 1665'	2:1	222"
111	1666 - 1680'	2:1	224"
112	1681 - 1695'	2:1	226"
113	1696 - 1710'	2:1	228"
114	1711 - 1725'	2:1	230"
115	1726 - 1740'	2:1	232"
116	1741 - 1755'	2:1	234"
117	1756 - 1770'	2:1	236"
118	1771 - 1785'	2:1	238"
119	1786 - 1800'	2:1	240"
120	1801 - 1815'	2:1	242"
121	1816 - 1830'	2:1	244"
122	1831 - 1845'	2:1	246"
123	1846 - 1860'	2:1	248"
124	1861 - 1875'	2:1	250"
125	1876 - 1890'	2:1	252"
126	1891 - 1905'	2:1	254"
127	1906 - 1920'	2:1	256"
128	1921 - 1935'	2:1	258"
129	1936 - 1950'	2:1	260"
130	1951 - 1965'	2:1	262"
131	1966 - 1980'	2:1	264"
132	1981 - 1995'	2:1	266"
133	1996 - 2010'	2:1	268"
134	2011 - 2025'	2:1	270"
135	2026 - 2040'	2:1	272"
136	2041 - 2055'	2:1	274"
137	2056 - 2070'	2:1	276"
138	2071 - 2085'	2:1	278"
139	2086 - 2100'	2:1	280"
140	2101 - 2115'	2:1	282"
141	2116 - 2130'	2:1	284"
142	2131 - 2145'	2:1	286"
143	2146 - 2160'	2:1	288"
144	2161 - 2175'	2:1	290"
145	2176 - 2190'	2:1	292"
146	2191 - 2205'	2:1	294"
147	2206 - 2220'	2:1	296"
148	2221 - 2235'	2:1	298"
149	2236 - 2250'	2:1	300"
150	2251 - 2265'	2:1	302"
151	2266 - 2280'	2:1	304"
152	2281 - 2295'	2:1	306"
153	2296 - 2310'	2:1	308"
154	2311 - 2325'	2:1	310"
155	2326 - 2340'	2:1	312"
156	2341 - 2355'	2:1	314"
157	2356 - 2370'	2:1	316"
158	2371 - 2385'	2:1	318"
159	2386 - 2400'	2:1	320"
160	2401 - 2415'	2:1	322"
161	2416 - 2430'	2:1	324"
162	2431 - 2445'	2:1	326"
163	2446 - 2460'	2:1	328"
164	2461 - 2475'	2:1	330"
165	2476 - 2490'	2:1	332"
166	2491 - 2505'	2:1	334"
167	2506 - 2520'	2:1	336"
168	2521 - 2535'	2:1	338"
169	2536 - 2550'	2:1	340"
170	2551 - 2565'	2:1	342"
171	2566 - 2580'	2:1	344"
172	2581 - 2595'	2:1	346"
173	2596 - 2610'	2:1	348"
174	2611 - 2625'	2:1	350"
175	2626 - 2640'	2:1	352"
176	2641 - 2655'	2:1	354"
177	2656 - 2670'	2:1	356"
178	2671 - 2685'	2:1	358"
179	2686 - 2700'	2:1	360"
180	2701 - 2715'	2:1	362"
181	2716 - 2730'	2:1	364"
182	2731 - 2745'	2:1	366"
183	2746 - 2760'	2:1	368"
184	2761 - 2775'	2:1	370"
185	2776 - 2790'	2:1	372"
186	2791 - 2805'	2:1	374"
187	2806 - 2820'	2:1	376"
188	2821 - 2835'	2:1	378"
189	2836 - 2850'	2:1	380"
190	2851 - 2865'	2:1	382"
191	2866 - 2880'	2:1	384"
192	2881 - 2895'	2:1	386"
193	2896 - 2910'	2:1	388"
194	2911 - 2925'	2:1	390"
195	2926 - 2940'	2:1	392"
196	2941 - 2955'	2:1	394"
197	2956 - 2970'	2:1	396"
198	2971 - 2985'	2:1	398"
199	2986 - 3000'	2:1	400"

**CONSTRUCTION SEQUENCE:**

Activity	Number of Days
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize.	7
B. Excavate for Foundations and Rough Grade & Temporarily Stabilize.	100
C. Construct Structures, Sidewalks and Driveways.	200
D. Final Grade and stabilize in accordance with Stds. & Specs.	30
E. Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize.	7

**LEGEND**

- Stabilized Construction Entrance: SCE
- Limit of Disturbed Area
- Silt Fence / Straw Bale Dike: ED(A-3)
- Earth Dike: ED(A-2)
- Contour Interval: 2 ft.
- Existing Contour: ---
- Spot Elevation: 74.8
- Proposed Contour: ---
- Direction of Drainage: ---
- Walk-Out Basement: ---
- Trees to be Saved: ---

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

9-18-89

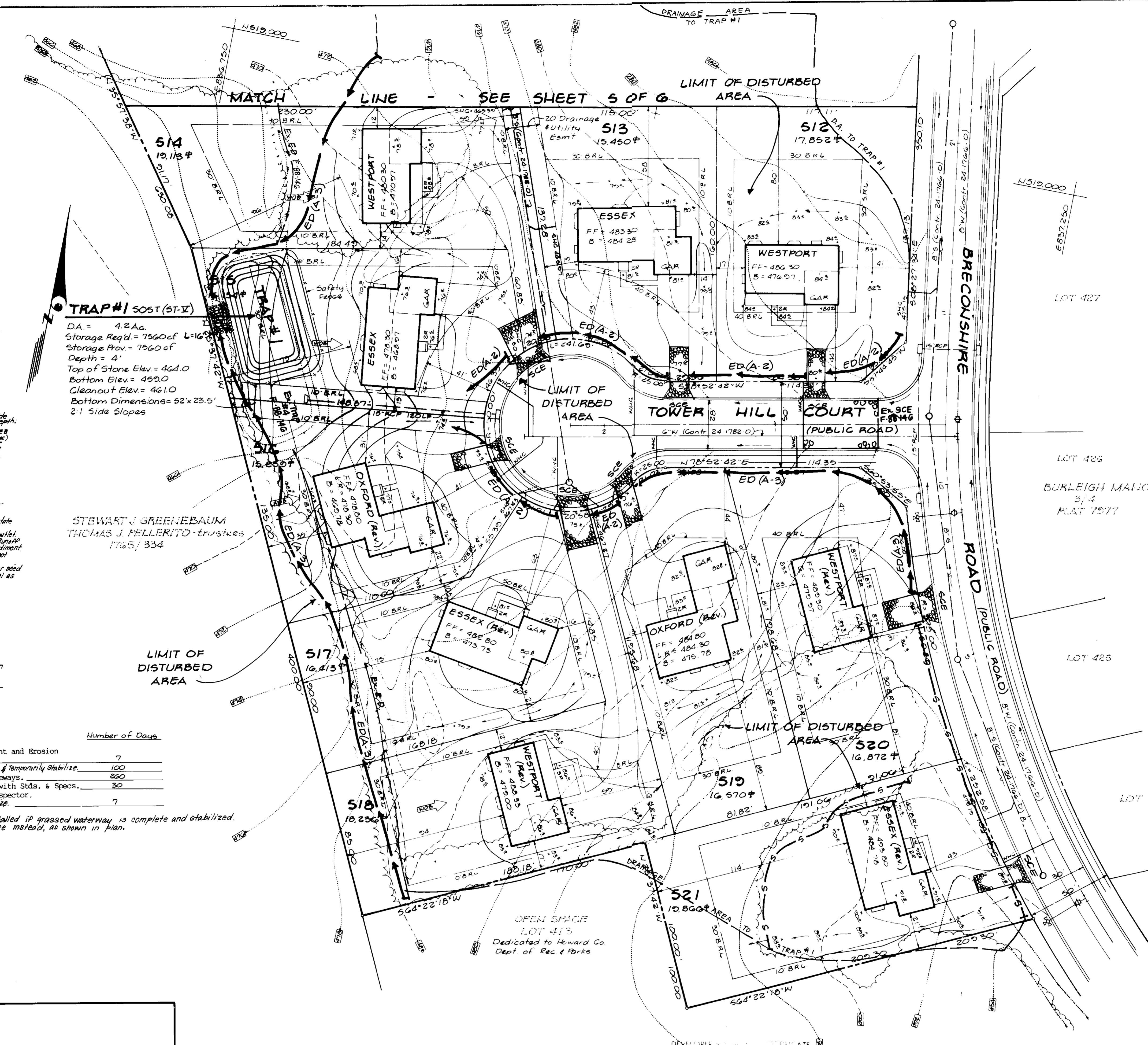
APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

10-2-89

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

9-11-89

6-22-89



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

8-25-89

Reviewed for Howard S.C.D. Name: *James M. Kelly* Date: *8/25/89*

Signature: *James M. Kelly* Date: *8/25/89*

Signature: *Arthur White* Date: *5/25/89*

**ENGINEER'S CERTIFICATE**

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

Signature: *G. Nelson Clark* Date: *5-30-89*

**PERMANENT SEEDING NOTES**

Apply on graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is required.

Seedbed Preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

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 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 (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 80 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 (.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 26, protect site by: Option (2) Use sod. Option (3) Seed with 60 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1 1/2 to 2 tons per acre (30 to 90 lbs/1000 sq ft) of untreated 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 reseeding.