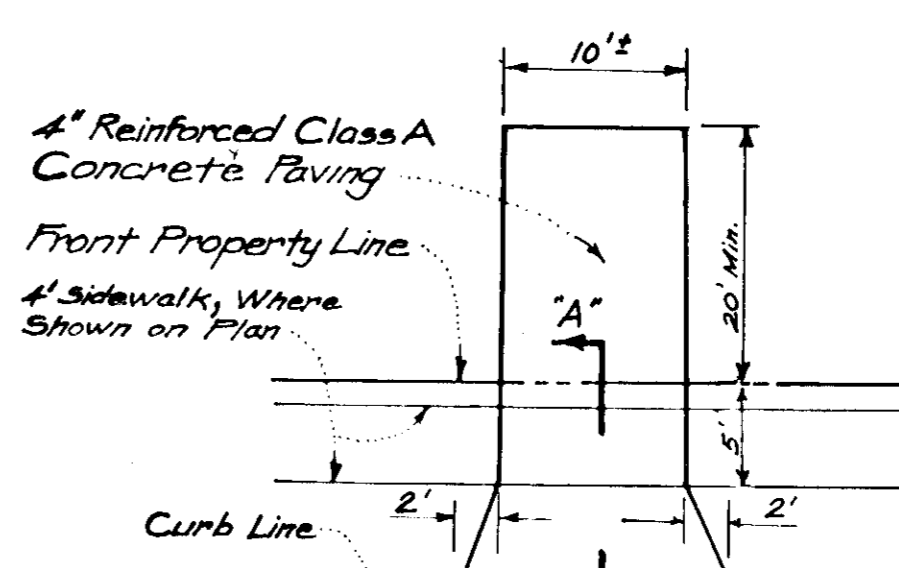
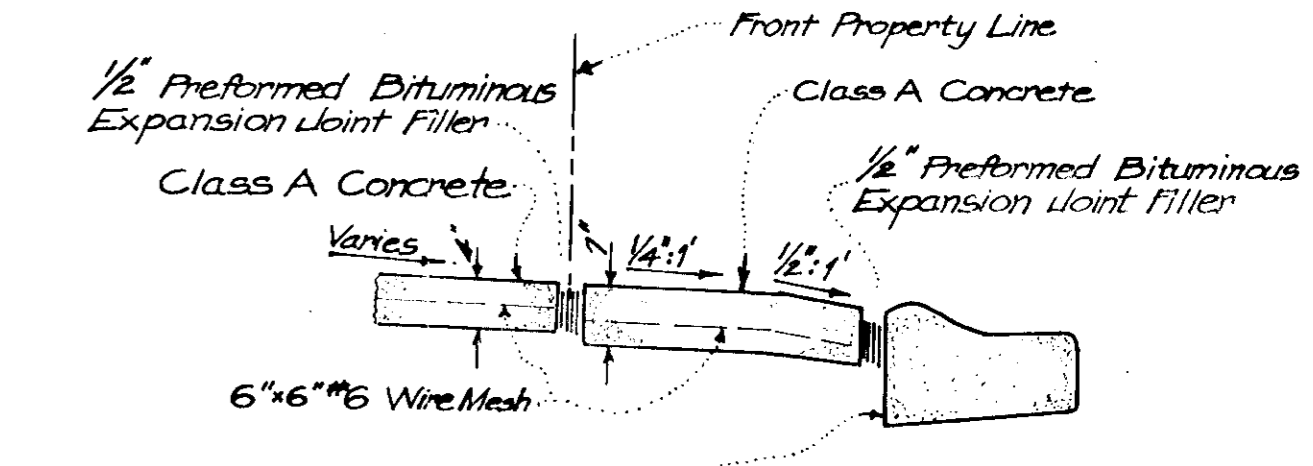


TYPICAL HOUSES
No Scale

Note: All houses have 2.0' roof overhang front & rear, and 1.0' roof overhang on each side - All ties to the floor are to the foundation walls -



NOTE: Use Residential Driveway Entrance, Howard Co. Std. Dwg. No. D-34, pg. B9, except where driveway abuts Modified Comb. Curb & Gutter.



NOTE: All materials and construction shall be in accordance with Howard Co. Road Const. Code.

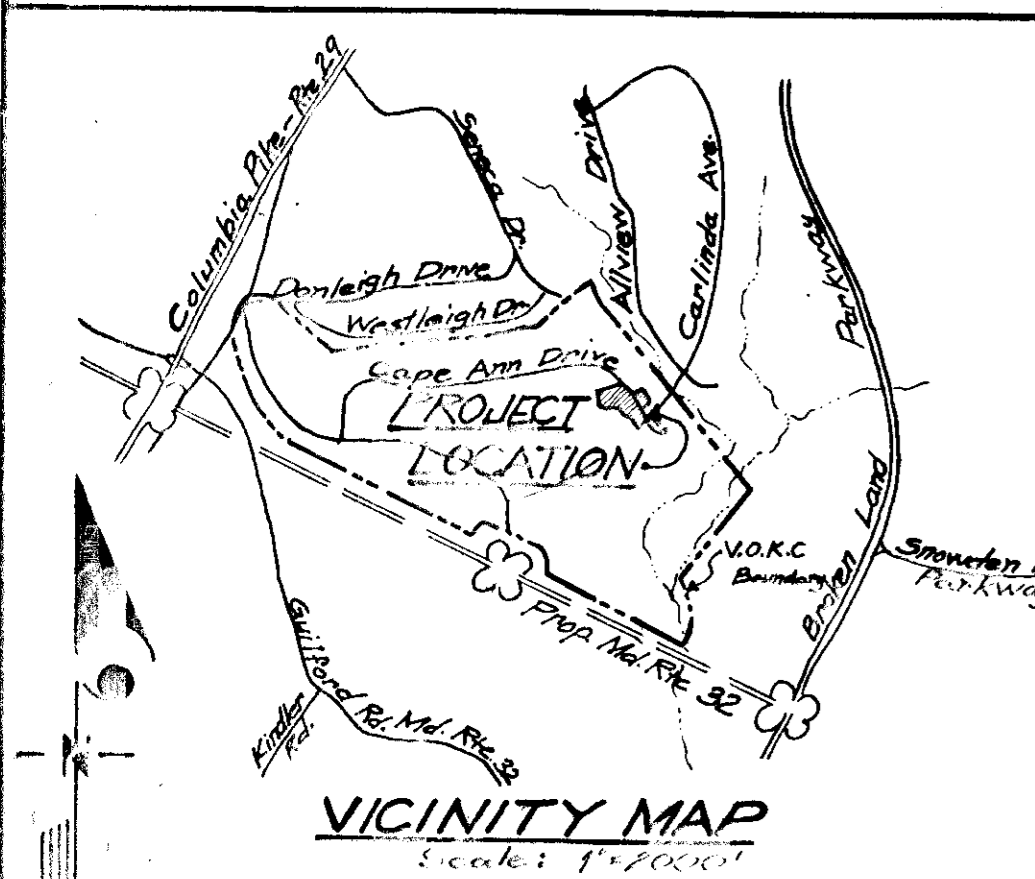
PLAN
DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER

LEGEND

1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Existing Trees to be Retained
7. Yard Requirements: Front: 20 Ft. on 50' Wide Street, 30 Ft. on 60' Wide Street, Side: 7.5 Ft. (Min.)
8. Walk-Out Basement
9. Timber Retaining Wall

GENERAL NOTES

1. The Land included in this Plan is zoned New Town (S.F.M.D.).
2. The Lots shown on this plan are covered by Final Development Plan Phase 14B recorded in Plat Book 28, Folios 70 to 77.
3. All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast & Geodetic Survey Mean Sea Level Datum of 1929.
4. The area covered in this submission is located on Tax Map No. 42.
5. The total area included in this plan is 4.167 Acres.
6. Cape Ann Drive is Public and Existing.
7. Any damage to County-owned Rights-of-Way or Paving shall be corrected at the developer's expense.



VICINITY MAP
Scale: 1" = 100'

9-27-77

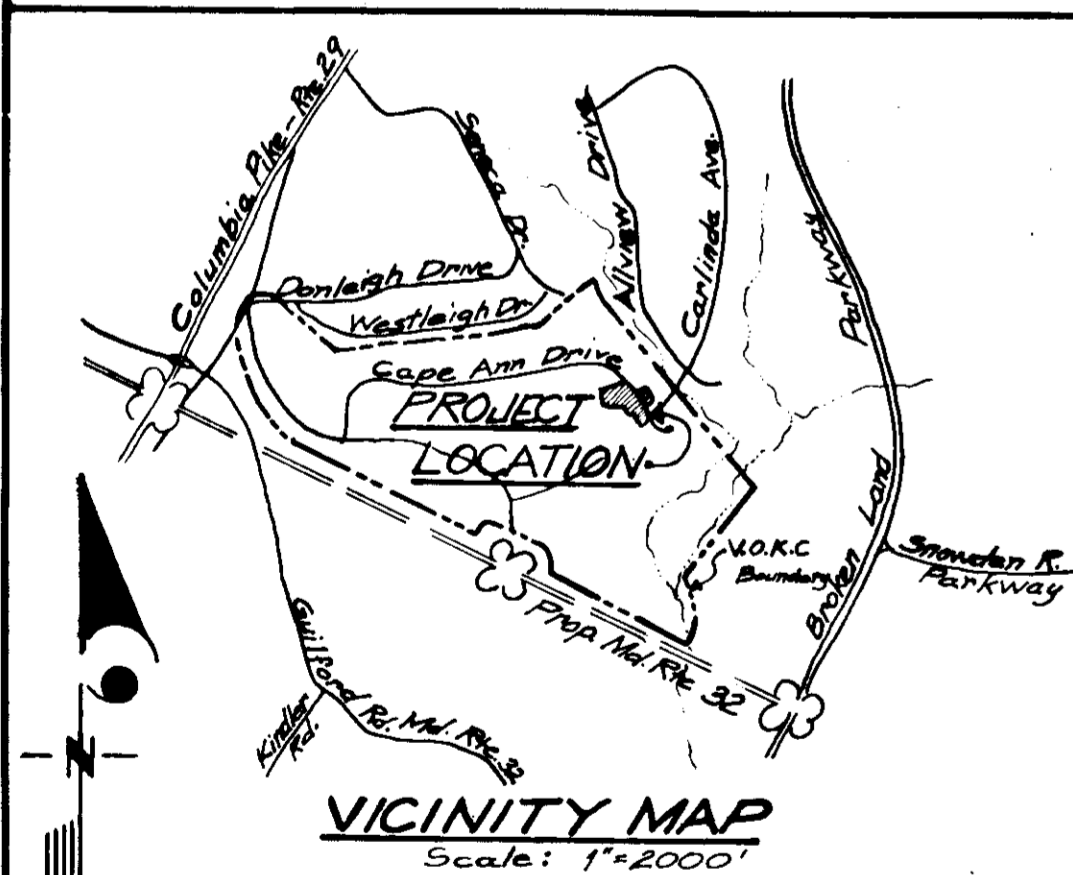
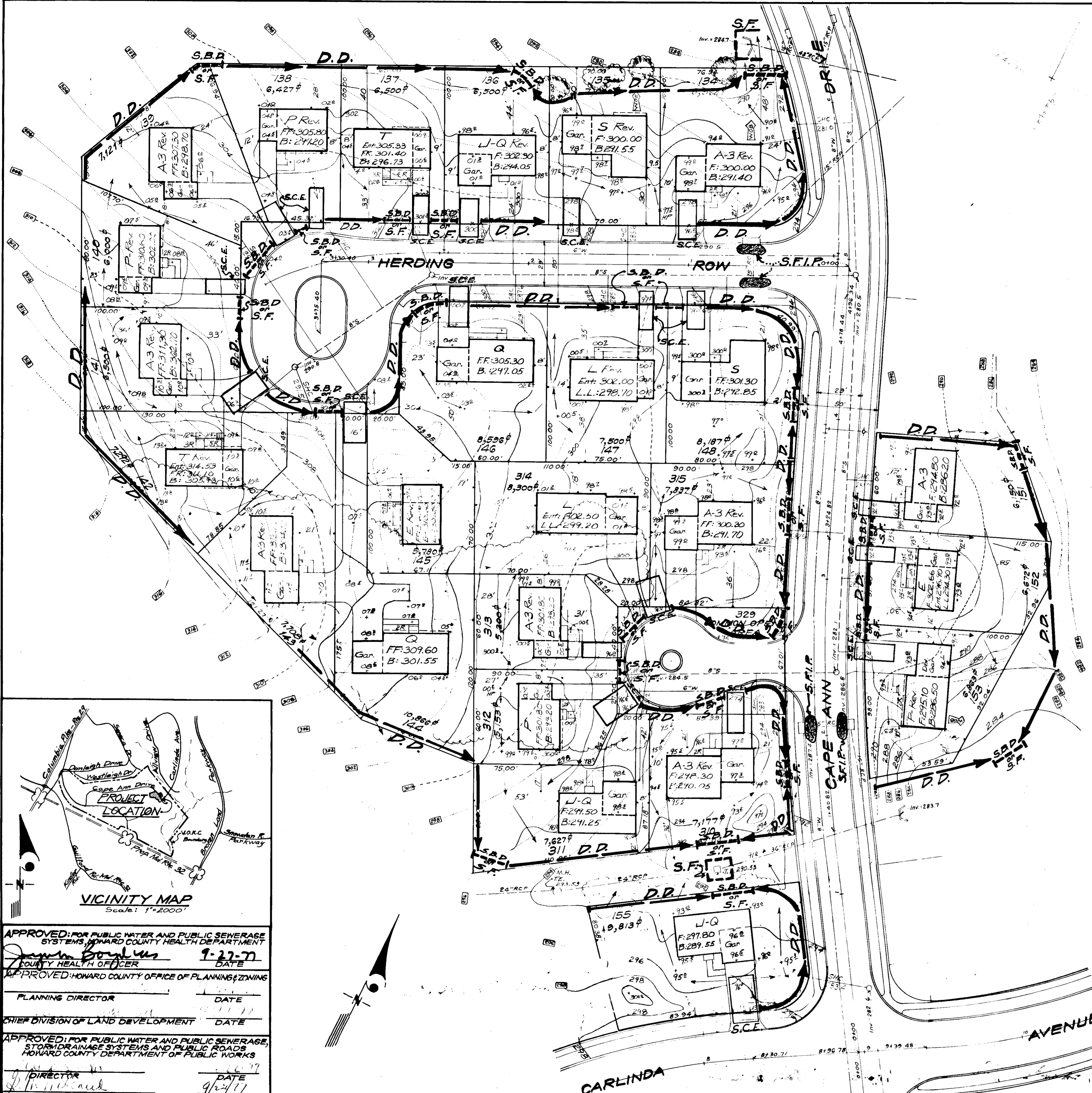
CLARK • FINFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20906

DESIGNED: D.R.H. SITE DEVELOPMENT PLAN
DRAWN: D.R.H. LOTS 134-135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

DATE: May 3, 1977

S.D.P.-78-07

Donald B. Sackett



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE
 CHIEF BUREAU OF HIGHWAYS DATE

DEVELOPER'S CERTIFICATE

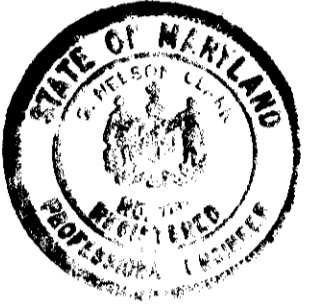
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agent as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

J. Ward Stettin 6/6/77
 Signature Date

ENGINEER'S CERTIFICATE

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

G. Nelson Clark 6-27-77
 G. Nelson Clark Date



LEGEND

- Contour Interval 2 Ft.
- Existing Contour --- 360 ---
- Proposed Contour --- 360 ---
- Spot Elevation +72E
- Direction of Drainage →
- Existing Trees to be Retained ○
- Yard Requirements: Front: 20 Ft. on 50' Wide Street
30 Ft. on 60' Wide Street
Side: 7.5 Ft. (Min.)
- Walk-Out Basement [Symbol]
- Timber Retaining Wall [Symbol]
- Diversion Dike [Symbol]
- Straw/Bale Dike or Silt Fence S.F. or S.F.
- Stone Filter Inlet Protection [Symbol] S.F.I.P.
- Stone Construction Entrance [Symbol] S.C.E.

NOTE: For Bearings & Distances of Individual Lots See Record Plat Recorded as Plat 3581.

Reviewed for Howard D. S.C.D.
 Name
 and meets Technical Requirements
John D. Meyer 7-19-77
 Date
 U.S. Soil Conservation Service

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

John D. Meyer 7-19-77
 Approved Date

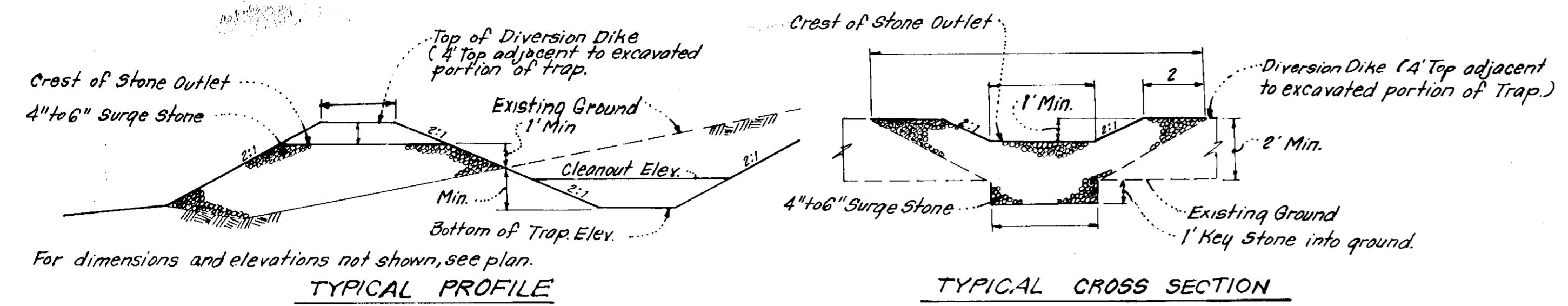
APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 7-29-77

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11 WOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED D.R.H.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 134-143, 151-153, 155, & 310-315	SCALE 1"=30'
DRAWN D.R.H.	COLUMBIA VILLAGE OF KINGS CONTRIVANCE	DRAWING 2 OF 3
CHECKED D.B.S.	SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1977	FOR: WASHINGTON HOMES, INC. Longreach Village Center, 8775 Cloud Leap Ct. Columbia, Maryland 21045	FILE NO. 124B-SE
SDP-78-02.		1278-X

GENERAL NOTES

- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 14 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground agricultural lime or dolomitic lime applied at the rate of 46 lbs/1000 sq. ft.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On site inspection and maintenance of all sediment control measures including cleanout of sediment traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved sediment control device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:

Total Area:	4.167 Acres
Area to be Roofed:	0.152 Acres
Area to be Paved:	0.320 Acres
Area to be Seeded:	2.474 Acres
Area Undisturbed:	0.621 Acres
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE:
 - Install Sediment and Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for foundations and rough grade.
 - Erect Structures, drive ways and sidewalks.
 - Final grade and stabilize in accordance with General Note #5.
- If Houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet shall be implemented.
- It will be the Developer's responsibility, to provide additional Sediment and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence: 532 lin. ft.

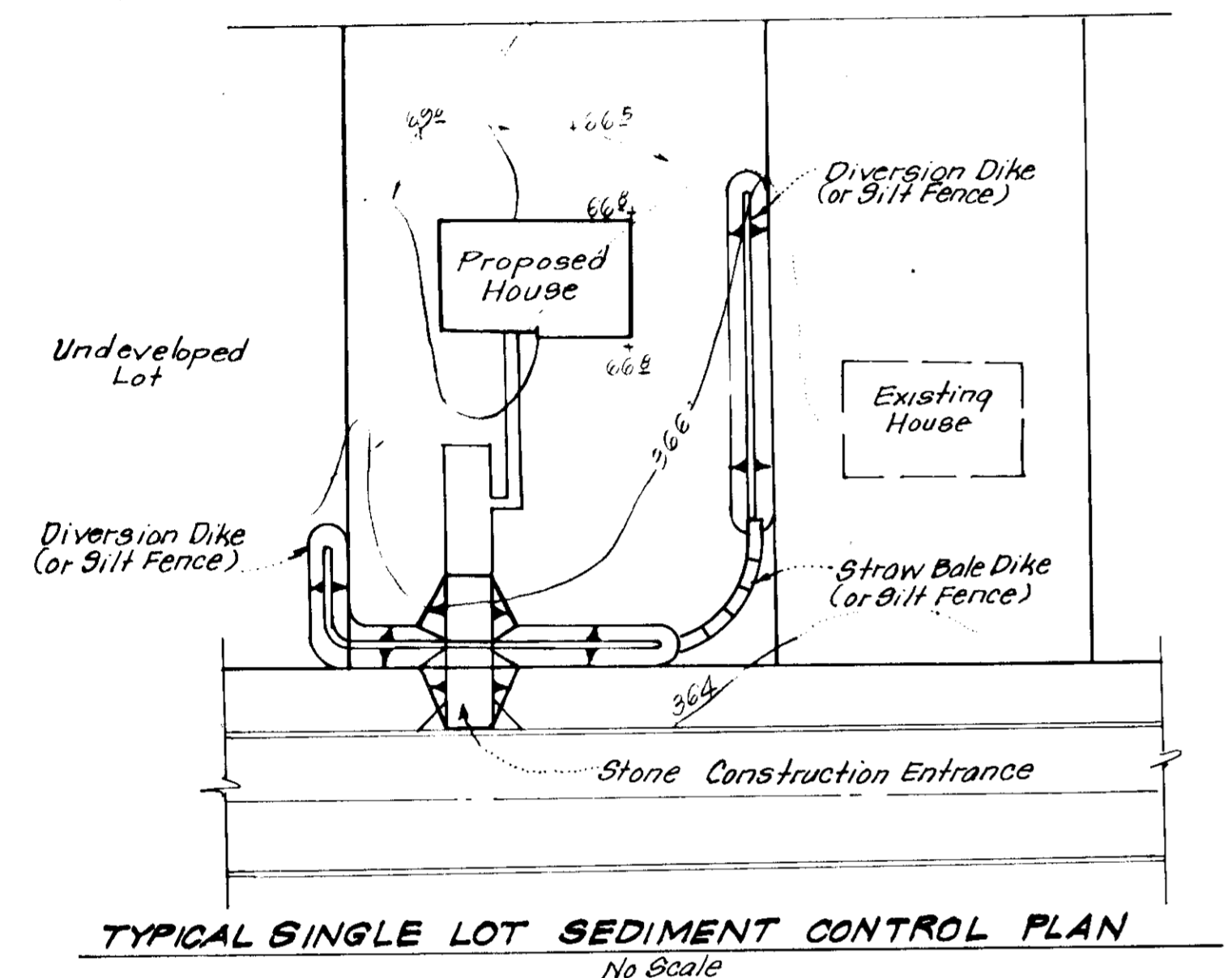


STONE FILTER OUTLET NOTES

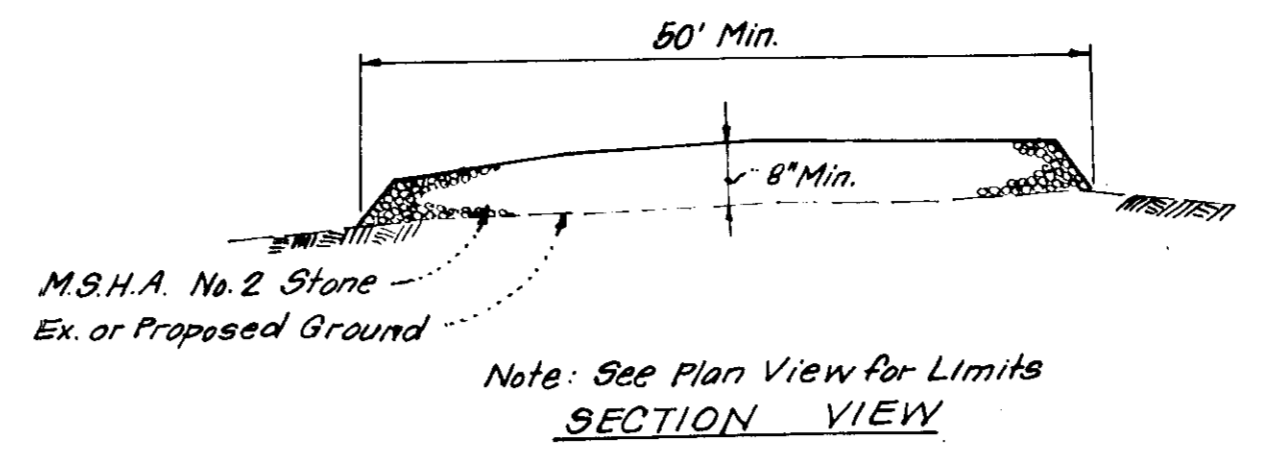
- Sediment Trap to be cleaned out when sediment reaches a level $\frac{1}{4}$ below the Crest of Stone Outlet.
- Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
- Stone Outlet to be constructed through diversion dike adjacent to excavated portion of Sediment Trap.

DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)

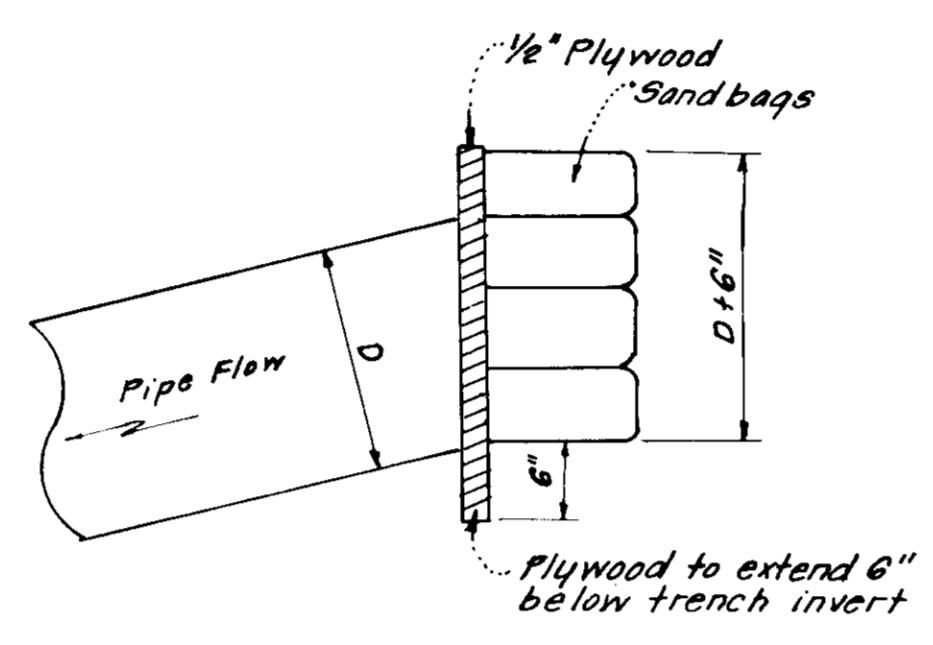
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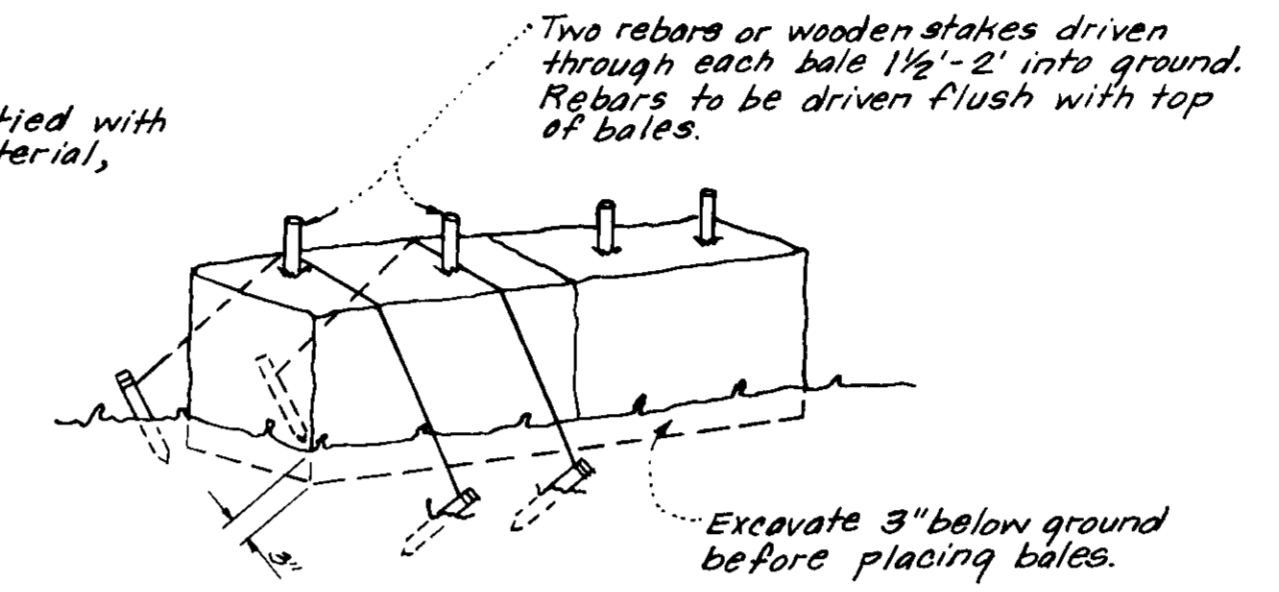
TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



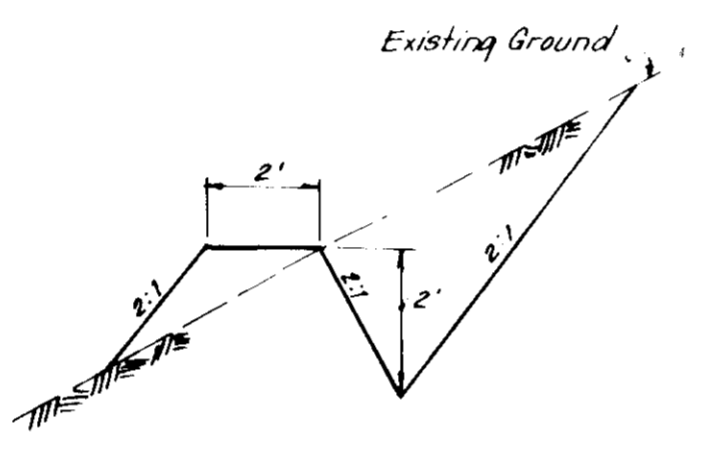
STABILIZED CONSTRUCTION ENTRANCE DETAIL
No Scale



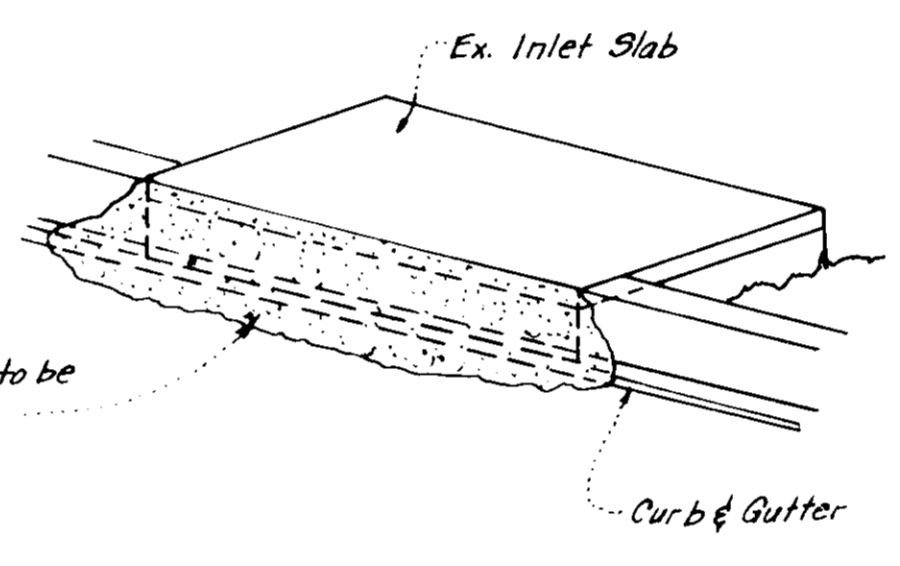
PIPE BLOCKING DETAIL
No Scale



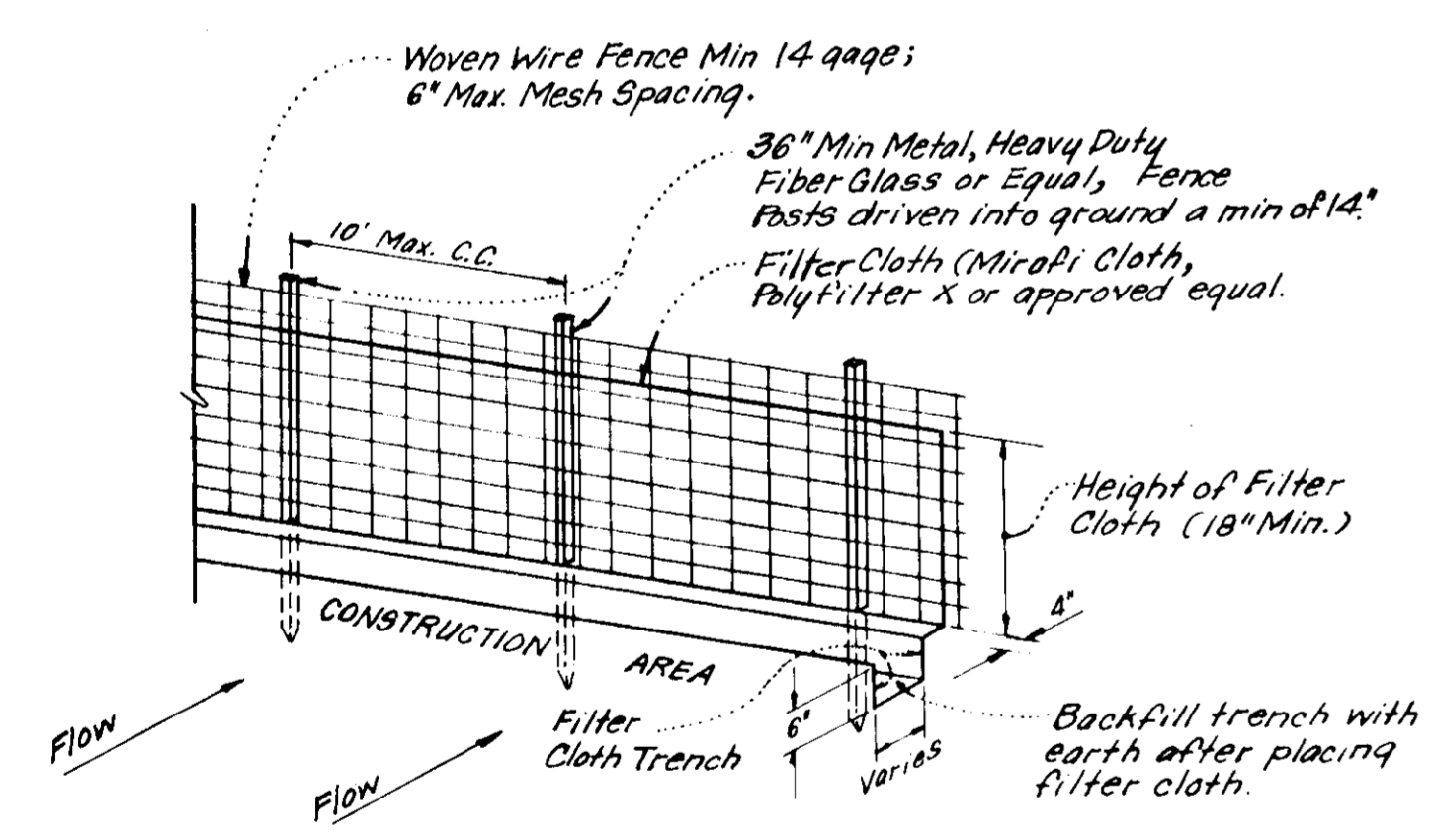
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



CUT DIVERSION DIKE
No Scale

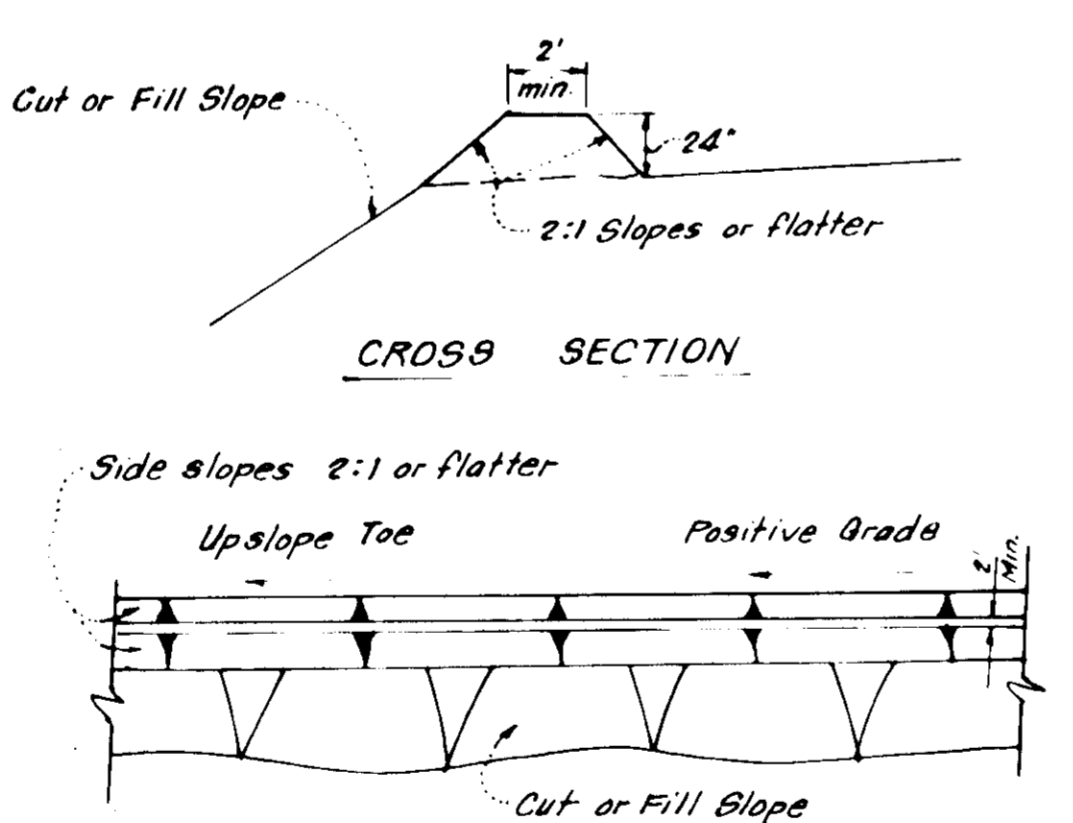


ISOMETRIC VIEW

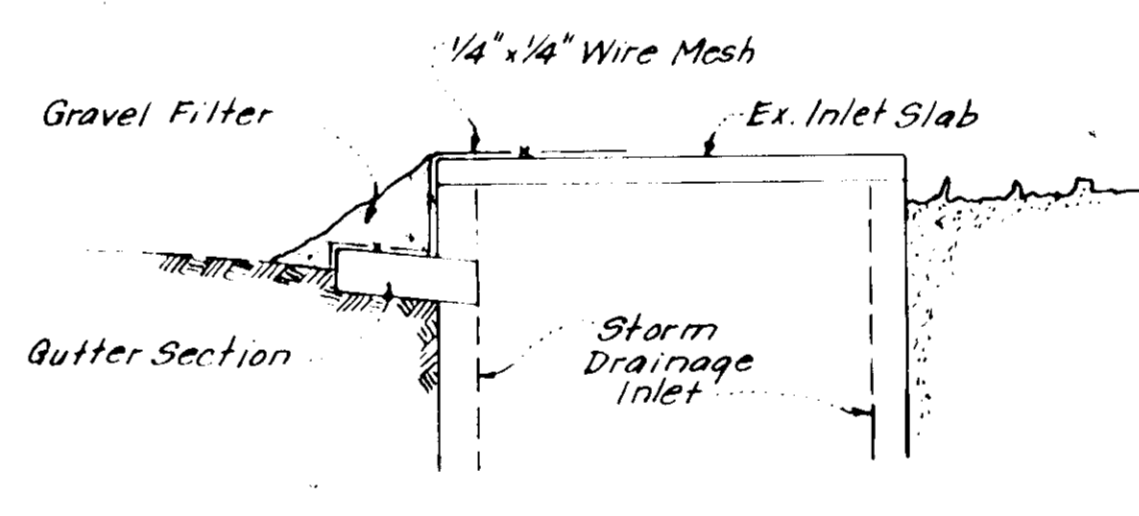


- NOTES:
- Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 - Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

SILT FENCE DETAIL
No Scale

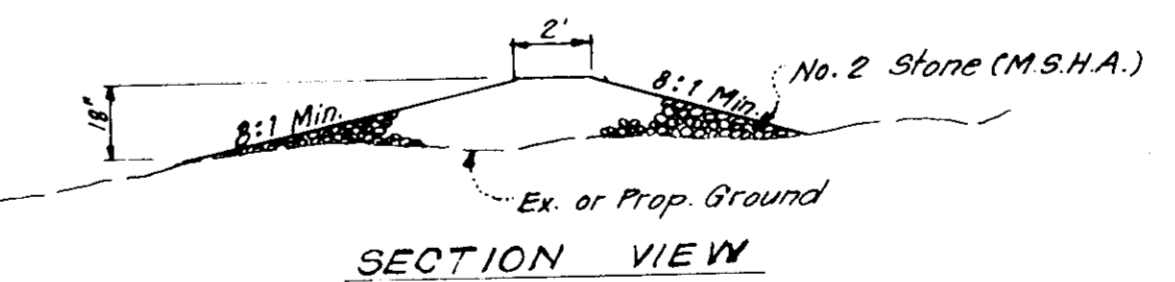


PLAN VIEW DIVERSION DIKE (D.D.)
No Scale



SECTION VIEW

STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE: 9-27-77

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE:

CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE:

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE: 9-27-77

CHIEF, BUREAU OF HIGHWAYS
 DATE:

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
 Signature: [Signature] Date: 9-19-77
 U.S. Soil Conservation Service

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

John P. McGeer 9-19-77
 Approved Date

DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction will be done according to the plan of development and plan for Erosion and Sediment Control, and I authorize periodic on-site inspection by the Soil Conservation District or those government agencies as are deemed necessary. Decisions made by me will not be made unless authorized by the Soil Conservation District.

[Signature] 6/30/77
 Signature Date

ENGINEER'S CERTIFICATE
 I hereby certify that the plan for Erosion and Sediment Control measures is prepared and suitable for use and that the measures shown on the plan are in accordance with the requirements of the Soil Conservation District and the State of Maryland.

G. Nelson Clark 6-27-77
 Signature Date



APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 7-29-77

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 595-3400

DESIGNED D.R.H.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 134-142, 151-153, 153, & 310-315	SCALE As Shown
DRAWN D.R.H.		DRAWING 3 of 3
CHECKED G.N.C.	COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1977		FILE NO. 12485

FOR: WASHINGTON HOMES, INC.
 Longreach Village Center, 8775 Cloud Leap Ct.
 Columbia, Maryland 21045

SDP-78-C2.c 1273-X