

CURVE		DATA				
Δ	ARC	TAN	CHD. DIST.	CHD. BEARING		
40-55	37.43'	26°52'00"	64.44'	92.82'	68.85	554°50'09"W
57-58	544.72'	04°55'37"	47.32'	23.67'	47.30	565°27'47"W

LOT NO	SQ. FT.
1	23,325 SF±
2	22,725 SF±
3	17,139 SF±
4	18,302.36 SF±
5	17,466.78 SF±
6	16,143.70 SF±
7	21,575 SF±
8	22,500 SF±
9	19,670.30 SF±

COORDINATES		
NO	NORTH	EAST
5	514,774.0179	855,258.3710
7	514,785.5900	855,204.4344
8	514,635.0159	854,956.3739
9	514,756.8482	854,683.7046
32	514,783.0160	854,867.0870
33	514,615.0623	854,912.8143
35	514,872.0420	855,367.3138
36	515,022.4085	854,745.8496
37	514,639.6476	854,954.4756
38	514,612.9920	854,911.4721
39	514,740.2235	855,202.6161
40	514,777.3026	855,254.6014
42	514,902.3868	855,363.5442
51	515,018.1490	854,917.7969
52	514,876.8125	854,797.2067
53	514,795.6765	854,884.9126
54	514,628.9067	854,923.7750
55	514,680.1140	855,054.9258
60	514,717.6805	855,147.0015
65	514,804.2234	855,278.0594
64	514,819.3097	855,271.2002
69	514,789.1428	855,264.9185
76	515,130.6187	855,101.5536
77	515,042.3258	855,024.6767
130	515,020.8559	854,806.8309
131	515,104.3405	855,131.7108
132	515,014.2685	855,053.2244
133	514,910.6936	854,962.9719
134	514,967.2181	854,882.9035
135	514,855.0289	854,992.9415
136	514,858.6413	855,143.8858
137	514,871.3786	855,080.5328
138	514,795.1552	854,905.2380
139	514,907.4234	855,163.4412
140	514,920.3427	855,178.5853
141	514,927.8913	855,233.8732

DEED OF EASEMENT:  
FOR USE IN COMMON DRIVEWAYS,  
PARKING RESTRICTIONS ETC.,  
RECORDED IN: LIBER 1715, FOLIO 34

**SEDIMENT CONTROL NOTE FOR LAND DEVELOPMENT**  
Sediment Control Devices will be maintained in functioning condition until all lots are stabilized and approval for removal has been obtained from the Sediment Control Inspector.

OWNER:  
STONEBROOKE DEVELOPMENT CORP.  
16847 FREDERICK ROAD  
WOODBINE, MARYLAND 21787

**PLANTING REQUIREMENTS**  
14 TILIA CORDATA 'GREENSPIRE' (GREENSPIRE LINDEN)  
2 1/2" MIN. CALIPER, 12'-14' TALL 40' O.C. 8x8

**HICKS ENGINEERING COMPANY, INC.**  
CIVIL ENGINEERS,  
SURVEYORS & PLANNERS  
200 E. JOPPA ROAD - SUITE 402,  
TOWSON  
MARYLAND, 21204  
TEL. (301) 494-0001

**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

Donald E. Hicks, P.E. 6/26/87  
DONALD E. HICKS, P.E. MD REG. NO. 8676 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 THE 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.

William H. Dorsey 6/29/87  
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE DATE

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

APPROVED: Stephen L. Hicks 7/4/87  
DISTRICT MANAGER DATE  
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
9-22-87

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND STORM DRAINAGE DEPARTMENTS OF PUBLIC WORKS  
9-10-87

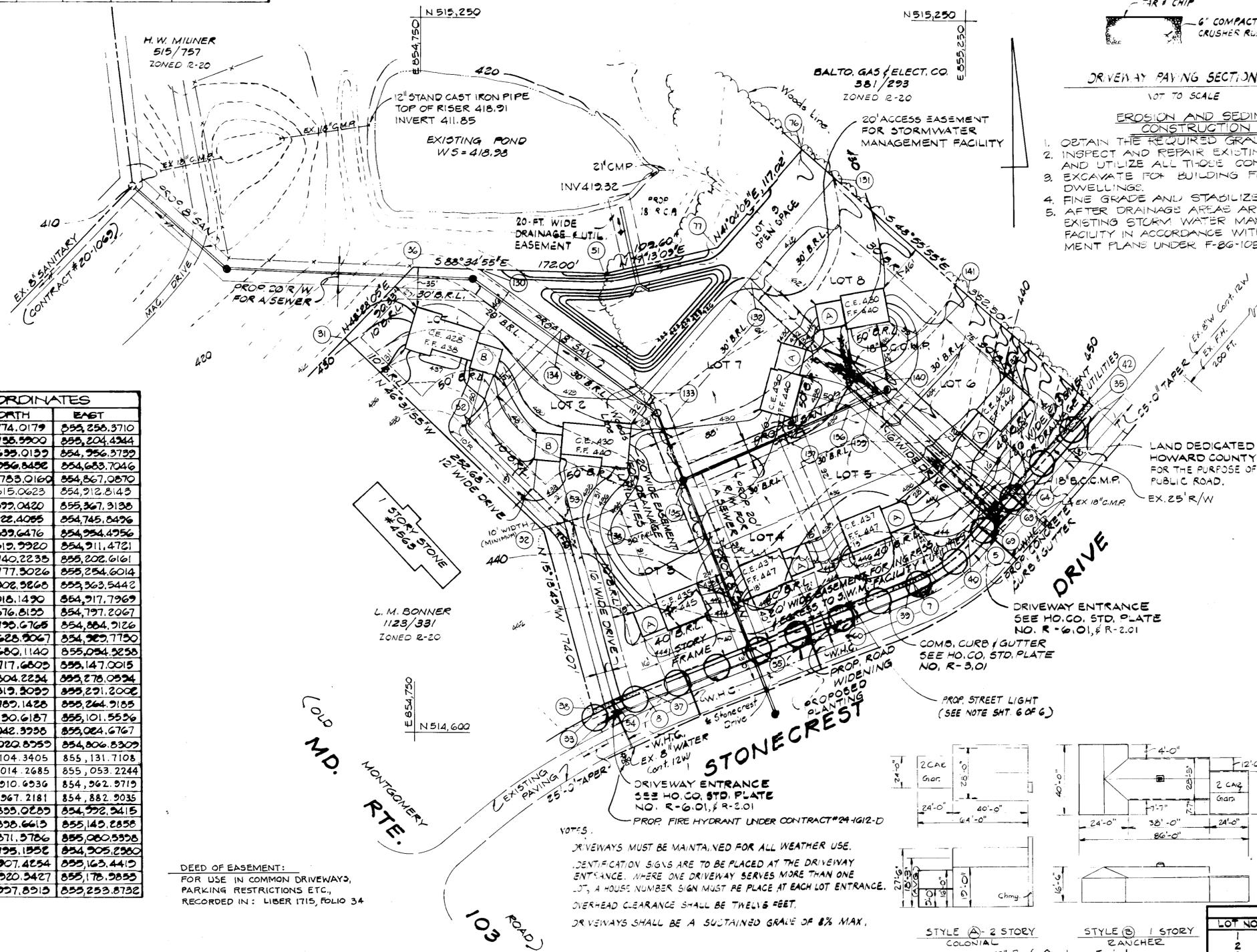
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
9-23-87

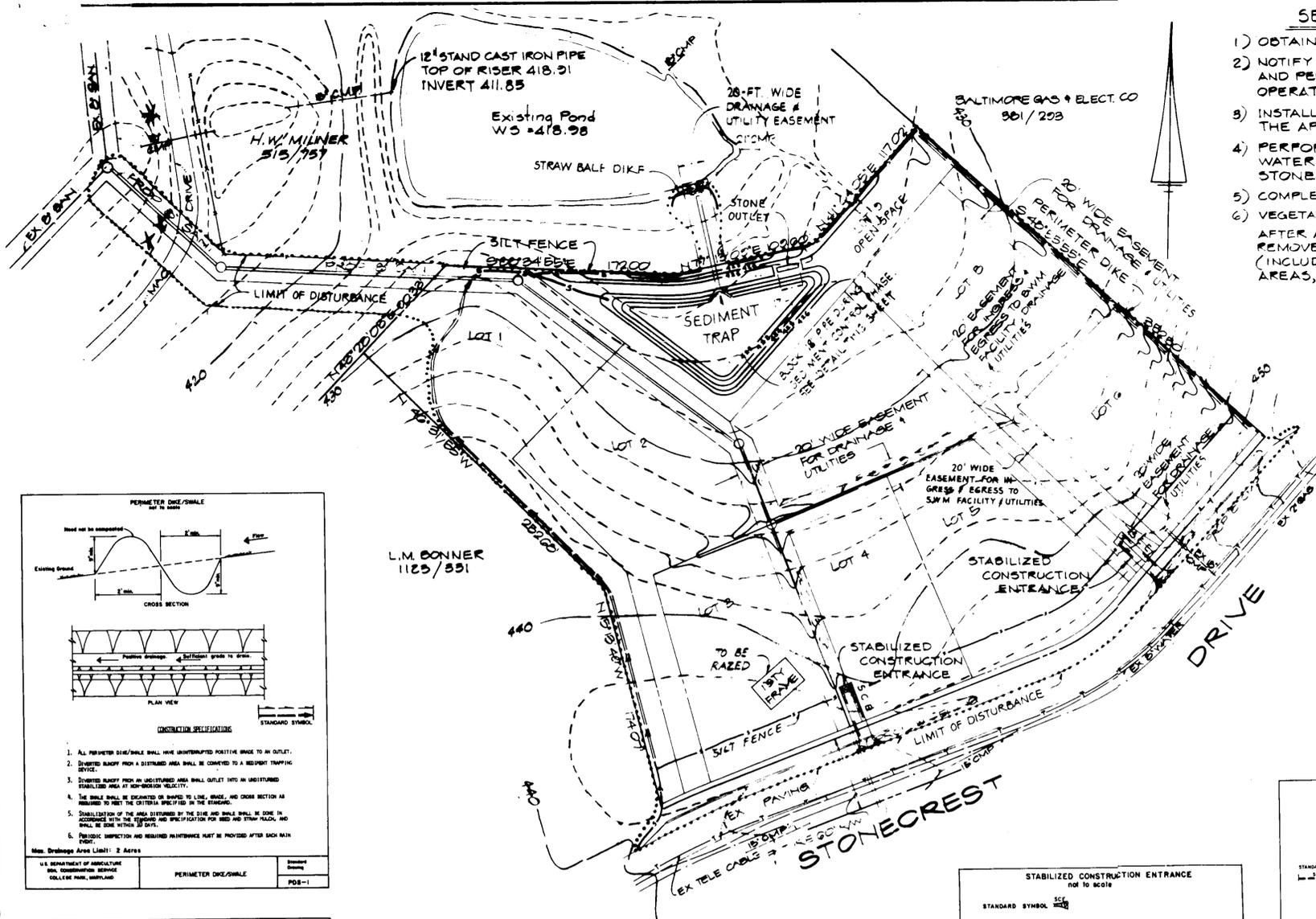
ADDRESS CHART	
LOT NO	STREET ADDRESS
1	4528 STONECREST DRIVE
2	4524 STONECREST DRIVE
3	4520 STONECREST DRIVE
4	4516 STONECREST DRIVE
5	4512 STONECREST DRIVE
6	4508 STONECREST DRIVE
7	4504 STONECREST DRIVE
8	OPEN SPACE

SDP 87-254	SECT / AREA	LOT PARCEL NO.
STONEBROOKE	-	1-9
PLAT NO OR L/F	BLOCK NO	ZONE
7023	1	R-20
TAX / ZONEMAP	E. ECT DIST	CENSUS TR.
31	2	6024
WATER CODE	SEWER CODE	
FIG	1400520	

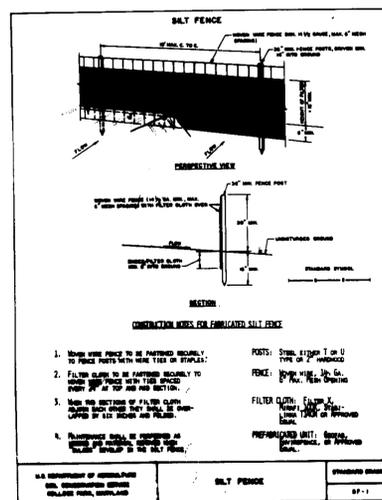
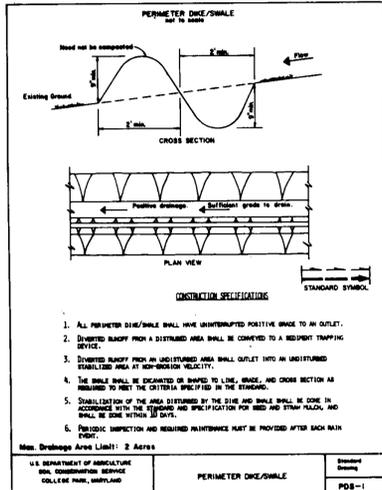
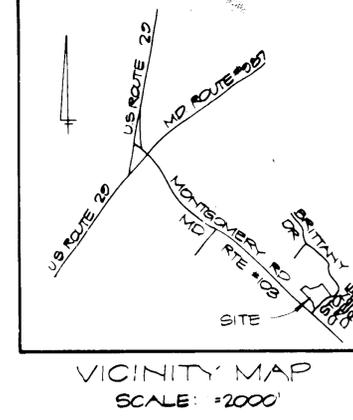
**SITE DEVELOPMENT PLAN**  
LOTS 1 THRU 9  
**STONEBROOKE**  
2ND ELECTION DIST. HOWARD COUNTY, MD  
TAX MAP #31 PARCEL #21  
SCALE: 1"=50' DATE: 6/26/87  
DRAWN BY: T.A.W. CHECKED BY: DEH.  
FILE NO. F-86-105 SHEET 1 OF 2

SDP-87-254



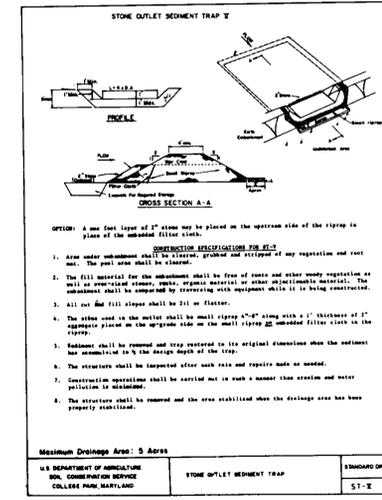
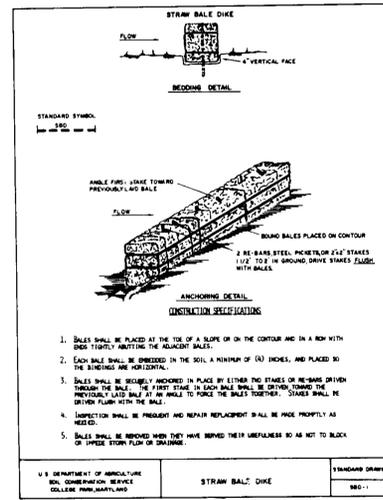
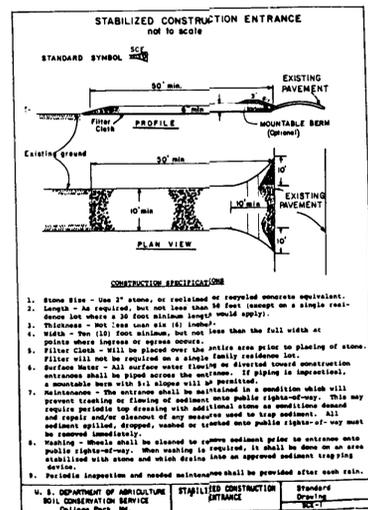
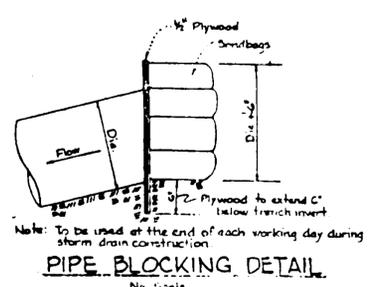


- ### SEQUENCE OF CONSTRUCTION
- 1) OBTAIN THE REQUIRED GRADING PERMIT. 1 DAY
  - 2) NOTIFY HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS THREE (3) WORKING DAYS PRIOR TO GRADING OPERATION. 3 DAYS
  - 3) INSTALL SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE APPROVED PLAN. 2 DAYS
  - 4) PERFORM NECESSARY GRADING TO DEVELOPE THE STORM WATER MANAGEMENT POND (SEDIMENT TRAP) INCLUDING STONE OUTLET. 14 DAYS
  - 5) COMPLETE REMAINING SITE GRADING. 2 DAYS
  - 6) VEGETATIVELY STABILIZE ALL APPROPRIATE AREAS. 2 DAYS
- AFTER APPROVAL FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL MEASURES (INCLUDING FILLING OF STONE OUTLET WINDOW) AND STABILIZE AREAS, AS REQUIRED. 3 DAYS



### SEDIMENT TRAP

TYPE OF TRAP = STONE OUTLET SEDIMENT TRAP II  
 DRAINAGE AREA = 4.20 ACRES MORE OR LESS  
 VOLUME REQUIRED = 7,560 CU. FT.  
 VOLUME PROVIDED = 10,300 CU. FT.  
 TRAP SIZE = 48' - 25' x 250'  
 DEPTH OF TRAP = 1.5'  
 CREST ELEV. = 424.5'  
 BOTTOM ELEV. = 423.0'  
 CLEANOUT ELEV. = 423.75'  
 CREST LENGTH = 17.0'



- ### 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 redistribution, 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 disturbed 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 17, 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 seeding (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: 4.07 Acres  
 Area Disturbed: 4.31 Acres  
 Area to be seeded or paved: 2.77 Acres  
 Area to be vegetatively stabilized: 0.77 Acres  
 Total Cut: 1082 Cu. Yds  
 Total Fill: 265 Cu. Yds  
 Offsite waste/borrow area location: undetermined
  - 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  - 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
  - 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. DATE: 9-20-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DATE: 9/16/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 9-23-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 9-23-87

ADDRESS CHART		SUBDIVISION NAME	
LOT NO.	STREET ADDRESS	STONEBROOKE	
7053	1 R-20	PLAT No OR L/F	BLOCK No
		1	1
		ZONE	TAX / ZONE MAP
		R-20	31
		ELECT DIST	CENSUS TR
		2	6024
		WATER CODE	SLURR CODE
		F16	1400520

**HICKS ENGINEERING COMPANY, INC.**  
 CIVIL ENGINEERS, SURVEYORS & PLANNERS  
 200 E. JOPPA ROAD - SUITE 402  
 TOWSON, MARYLAND, 21204  
 TEL. (301) 494-0001

**ENGINEER'S CERTIFICATE**

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Donald E. Hicks, P.E. 9/31/87  
 DONALD E. HICKS, P.E. MD REG. NO. 8678

**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 THE 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.

Phillip H. Dancy 8/31/87  
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE 9/16/87  
 DATE

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

APPROVED: Stephen E. Hicks 9/16/87  
 DISTRICT MANAGER DATE  
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. DATE: 9-20-87

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DATE: 9/16/87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 9-23-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 9-23-87

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION, HOWARD COUNTY, MARYLAND. DATE: 8-4-87

APPROVED: T.A.W. / J.F.D.

**SITE DEVELOPMENT PLAN**  
 SEDIMENT & EROSION CONTROL  
**STONEBROOKE**

2ND ELECTION DISTRICT, HOWARD COUNTY, MD.  
 TAX MAP # 31 PARCEL # 21  
 SCALE: 1" = 50' DATE: JUNE 30, 1986  
 DRAWN BY: T.A.W. CHECKED BY: D.E.H.  
 F86-105 SHEET 2 OF 2