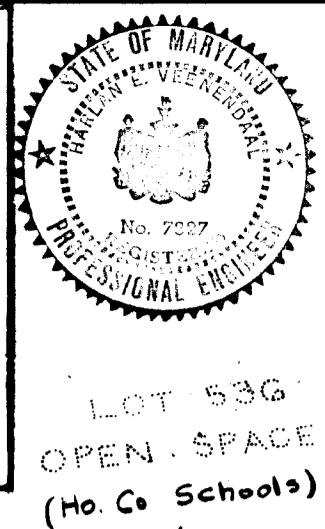


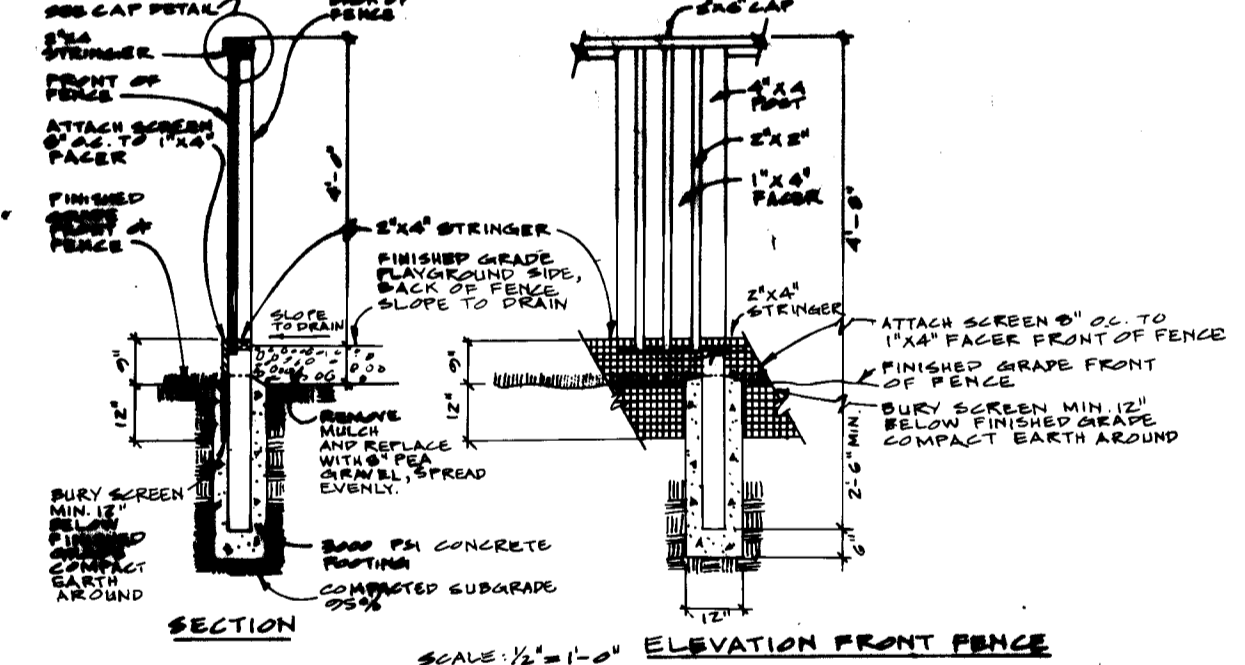
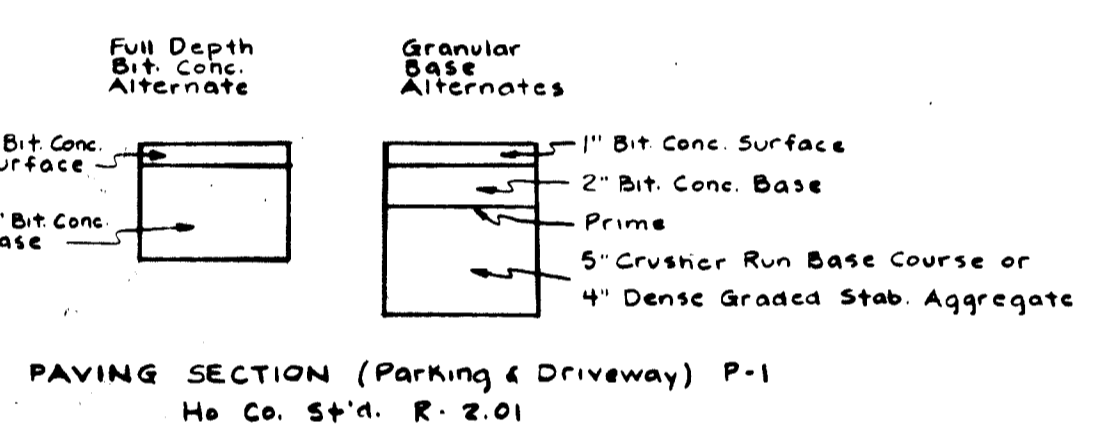
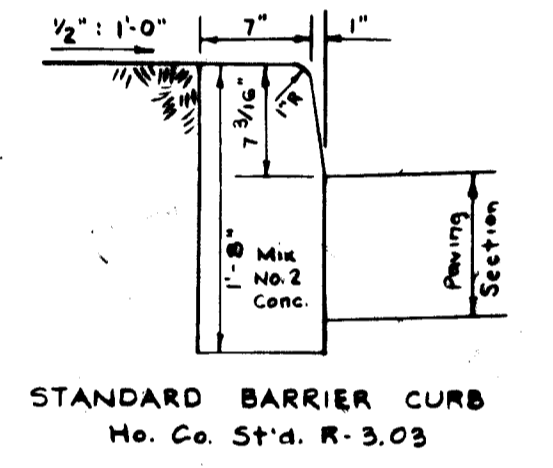
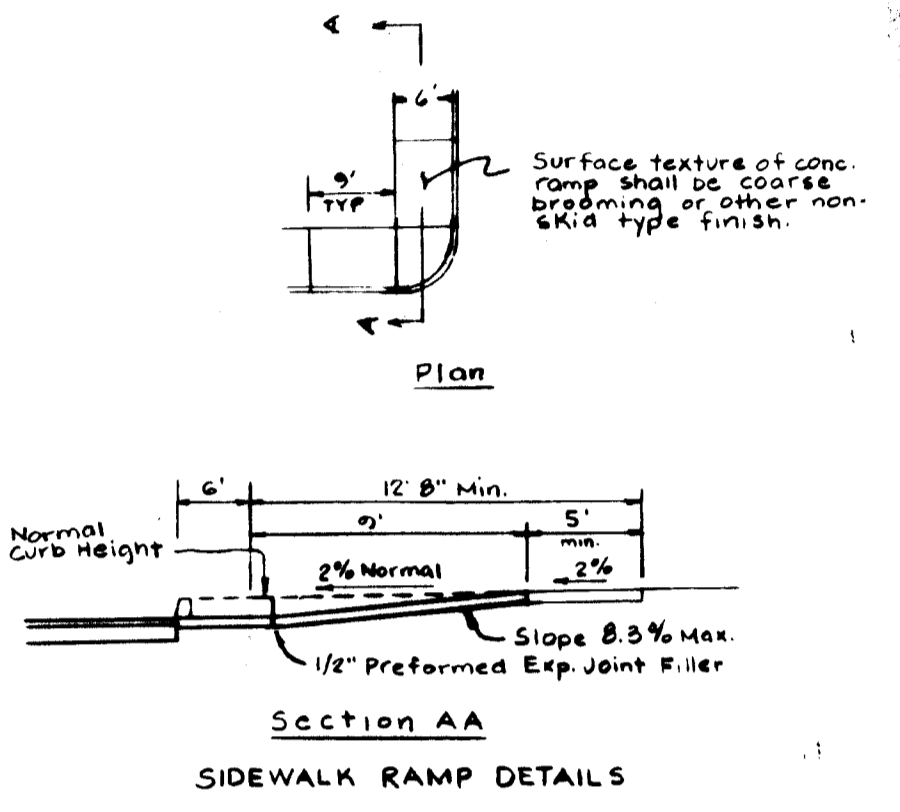
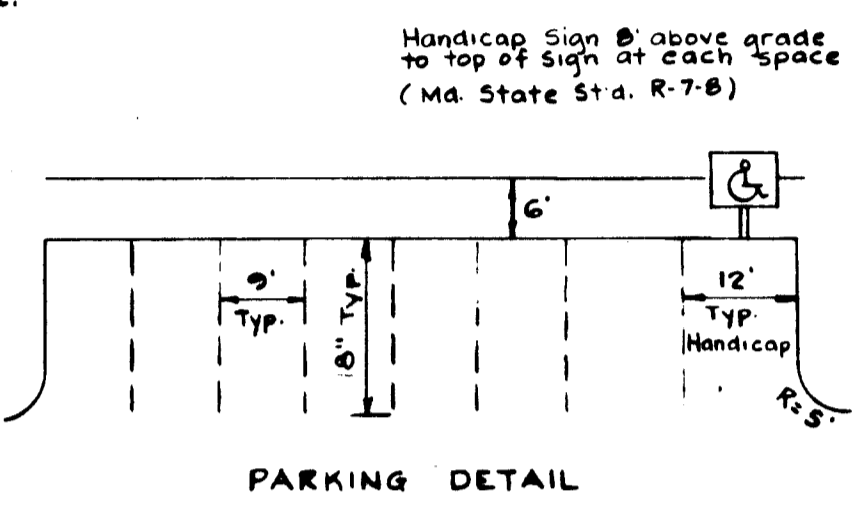
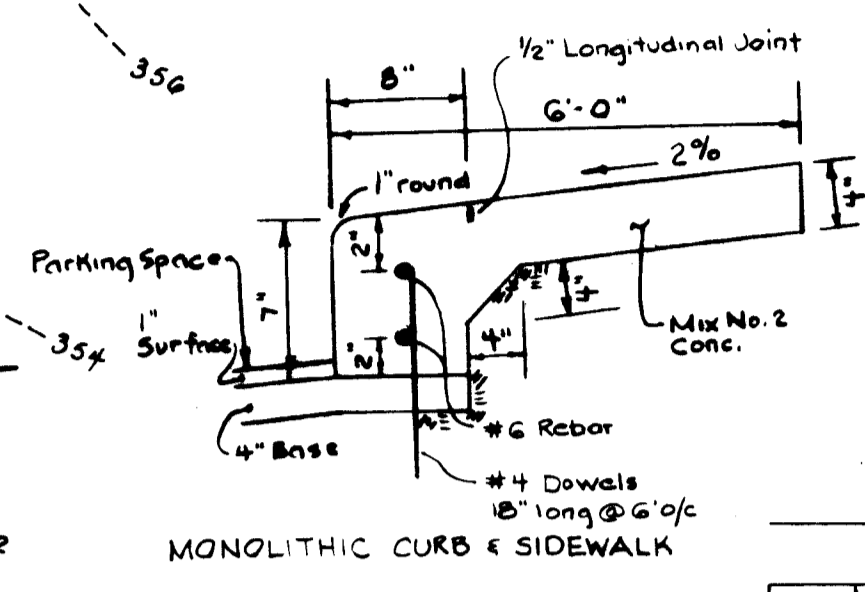
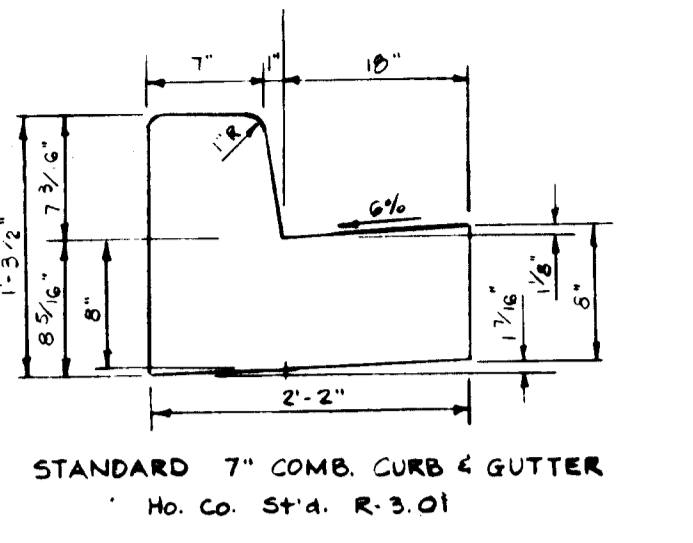
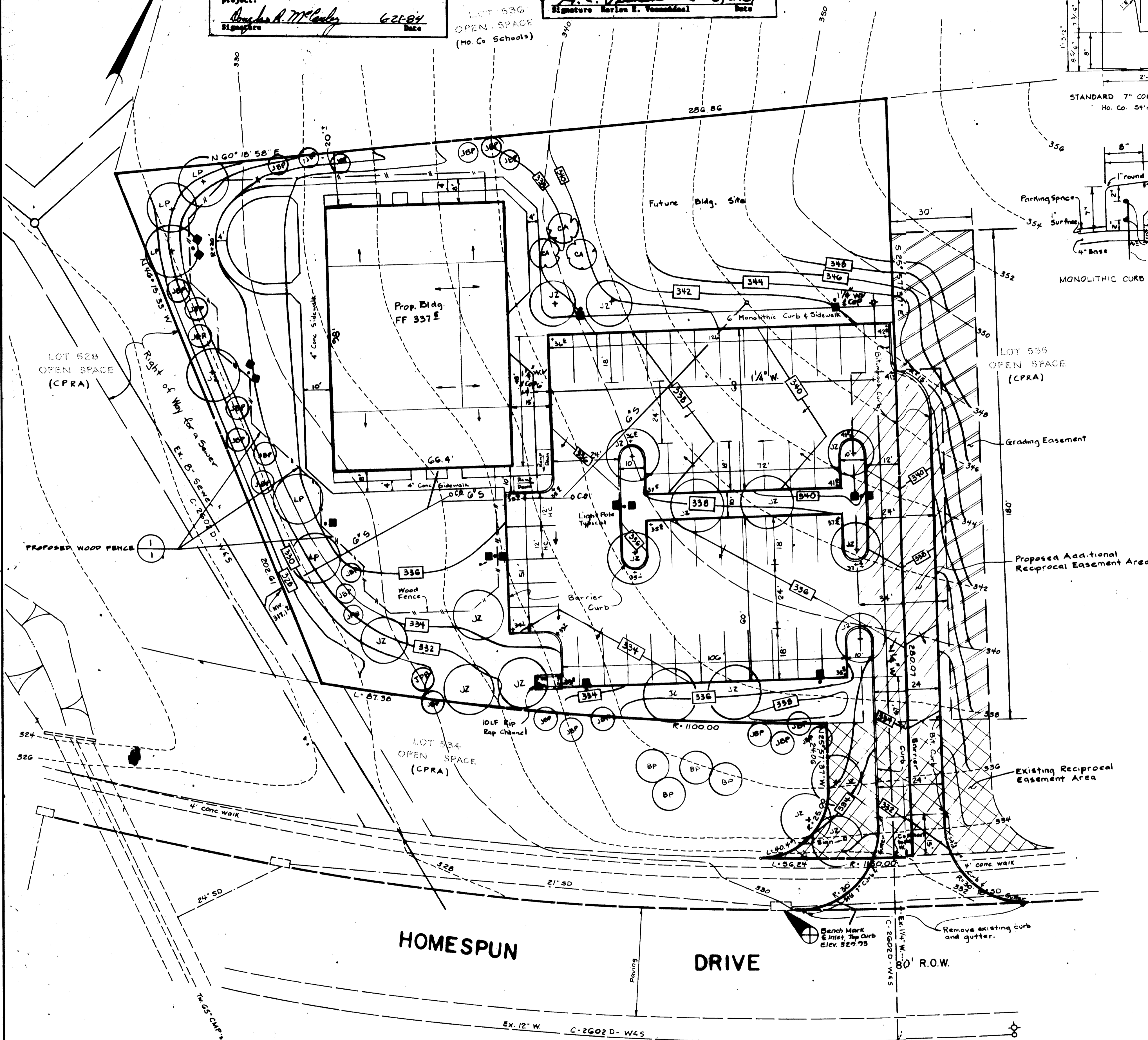
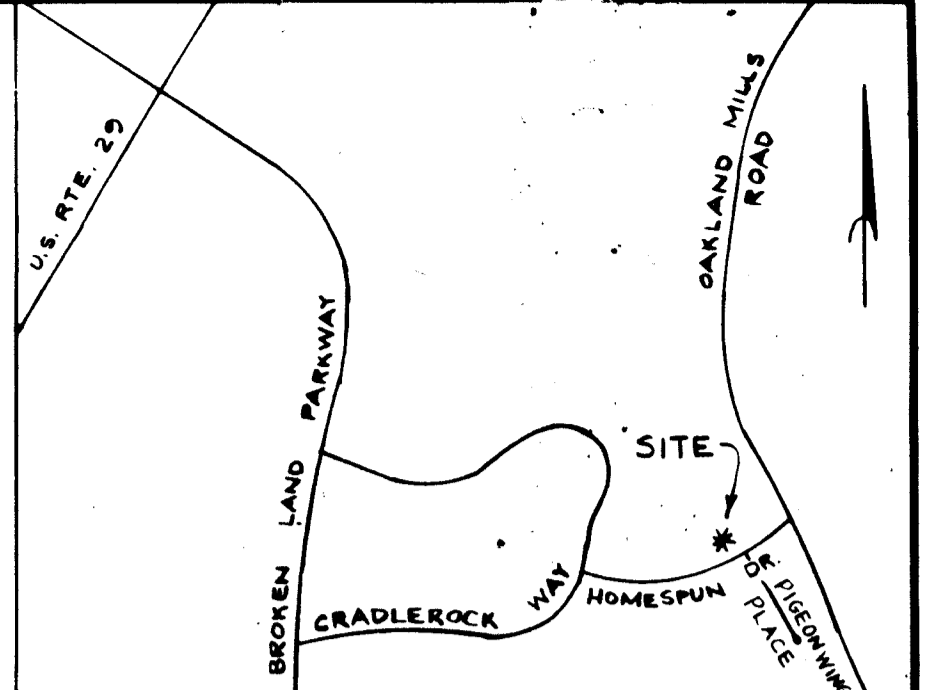
BY THE DEVELOPER:
I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the control of sediment and erosion before beginning this project.
Signature: [Handwritten Signature] 6-21-84
Date



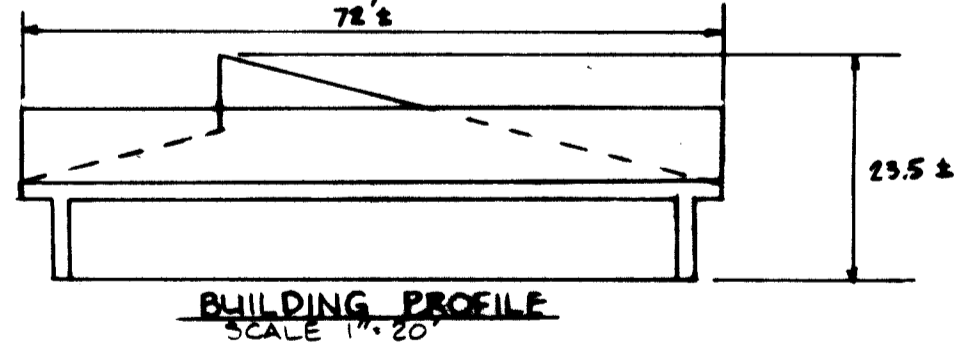
BY THE ENGINEER:
I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
Signature: [Handwritten Signature] 6/21/84
Signature: *[Handwritten Signature]* Date

PLANT LIST:

7 LP	Platanus acerifolia London Planitree	2 1/2" - 3" CAL 12'-14' hgt	348
3 CA	Malus sargentii Sargent Crab Apple	2-2 1/2" CAL 8'-10' hgt	
27 LP	Pinus thurberian Japanese Black Pine	2-2 1/2" CAL 6'-8' hgt	
4 BP	Pyrus calleryana Bradford Bradford Pear	2-2 1/2" CAL 8'-10' hgt	
17 JZ	Sakuya serrata Japanese ZaiKoya	2 1/2" - 3" CAL 12'-14' hgt	



- NOTES:**
1. FENCE SHALL BE 4'-0" HIGH.
 2. FENCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 3. FENCE SHALL BE CONSTRUCTED WITH 2" X 4" STRINGERS AND 2" X 4" POSTS.
 4. FENCE SHALL BE CONSTRUCTED WITH 2" X 6" CAP.
 5. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE FRONT FENCE.
 6. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE REAR FENCE.
 7. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE SIDE FENCE.
 8. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE CORNER FENCE.
 9. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE GATE FENCE.
 10. FENCE SHALL BE CONSTRUCTED WITH 1" X 4" FINISHED GRADE END FENCE.



SITE ANALYSIS

Disturbed Area	- 1.28 Ac.
Impervious Area	- 0.63 Ac.
Total Area, Parcel D	- 1.27 Ac.
FDP #	- 28/94
Plat #	- PB 27/F.71
Prop. Bldg. Use	- Day Care Center
Useable Area	- 6000 Sq. Ft.
Zoning	- NT Commercial
Parking Spaces Req'd.	- 15 (incl. 2 MC)
"	- Provided - 46 (incl. 2 MC)
Bldg. Coverage	- 6507.2 Sq. Ft. = 11.8 %

ADDRESS CHART		Subdivision Name Village of Owen Brown, Columbia		Sect./Area 4/1	Lot/Parcel # D	Owner/Developer Blue Water Assoc. Inc. Suite 300 Wide Lake Village Green Columbia, Md. 21044
Lot No.	Street Address	Plat # or L/F 27/71	Block # 22	Zone NT-COMM	Tax/Zone Map 36	Elect. Dist. G
"D"	9270 HOMESPUN DRIVE	Water Code E-11	Sewer Code 5332200		Census Tr. 6061.03	

APPROVED: For Public Water and Public Sewerage and Storm Drainage Systems and Roads
Howard County Dept. of Public Works
Director: *[Signature]* 7-3-84
Chief, Div. of Eng. *[Signature]* 7-6-84

APPROVED: For Public Water and Public Sewerage Systems
Howard County Dept. of Health and Mental Hygiene
Planning Dir. *[Signature]* 7-10-84
Chief, Div. of Land Dev. and Zoning Admin. *[Signature]* 7-8-84

APPROVED: Howard County Office of Planning and Zoning
Reviewed for HOWARD S.C.B.
and meets Technical Requirements.
[Signature] 6-27-84
U.S. Soil Conservation Service

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
[Signature] 6/21/84
Board S.C.B.

prepared by **WBA** ENGINEERS • ARCHITECTS • PLANNERS
WILDE LAKE VILLAGE GREEN, SUITE 207
COLUMBIA, MARYLAND 21044
301/730-7900 300-3634

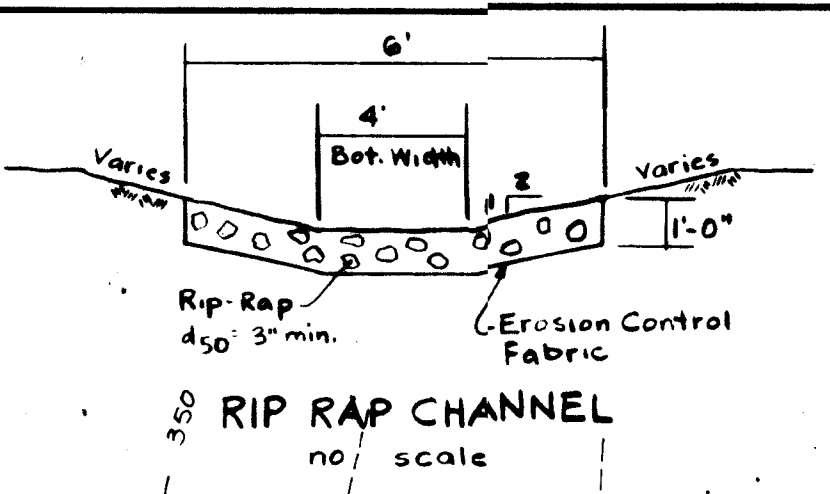
SITE DEVELOPMENT PLAN
PARCEL D
Village of Owen Brown, Section 4, Area 1
Columbia
6th Election District, Howard County, Md.
Reg. Ref. Plat Book 27 Folio 71

SCALE 1" = 20'	DRAWN MK	CHECKED JH
	PROJ. NO. 4586	DATE 4-4-84
	SHEET 1	OF 2

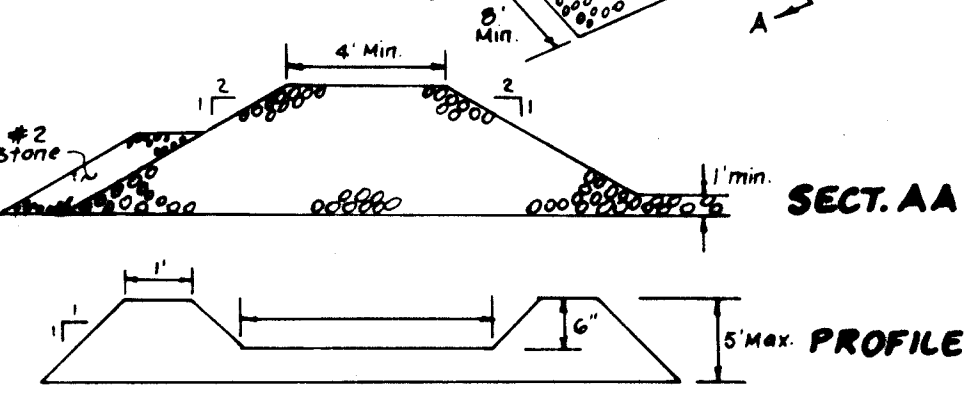
BY THE DEVELOPER:
I certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of sediment and erosion before beginning this project.
Amber S. M. [Signature] 6-21-84
Signature Date



BY THE ENGINEER:
I 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.
H. E. Veenendaal 6/21/84
Signature Date
Harlan E. Veenendaal

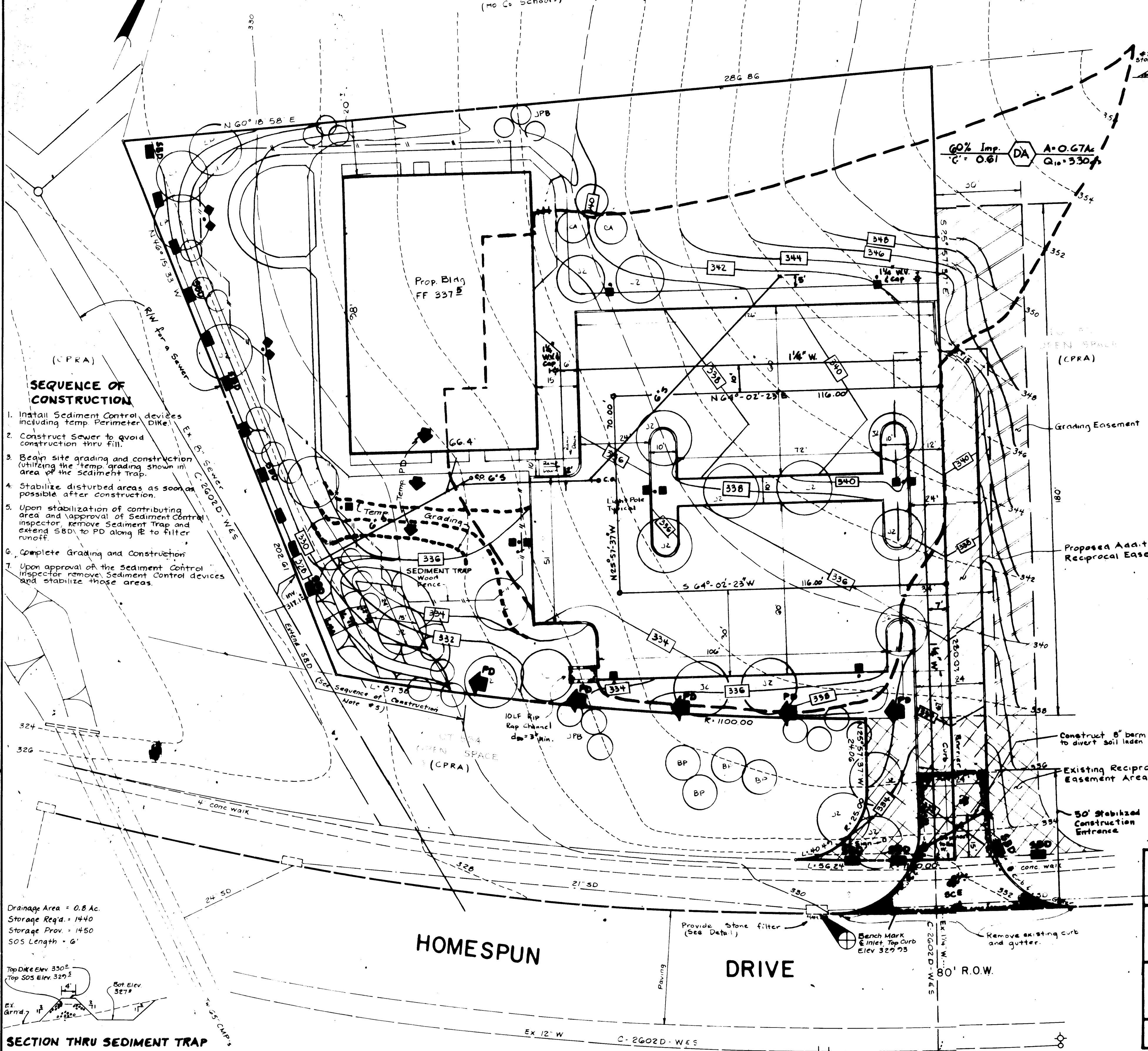


STONE OUTLET SEDIMENT TRAP



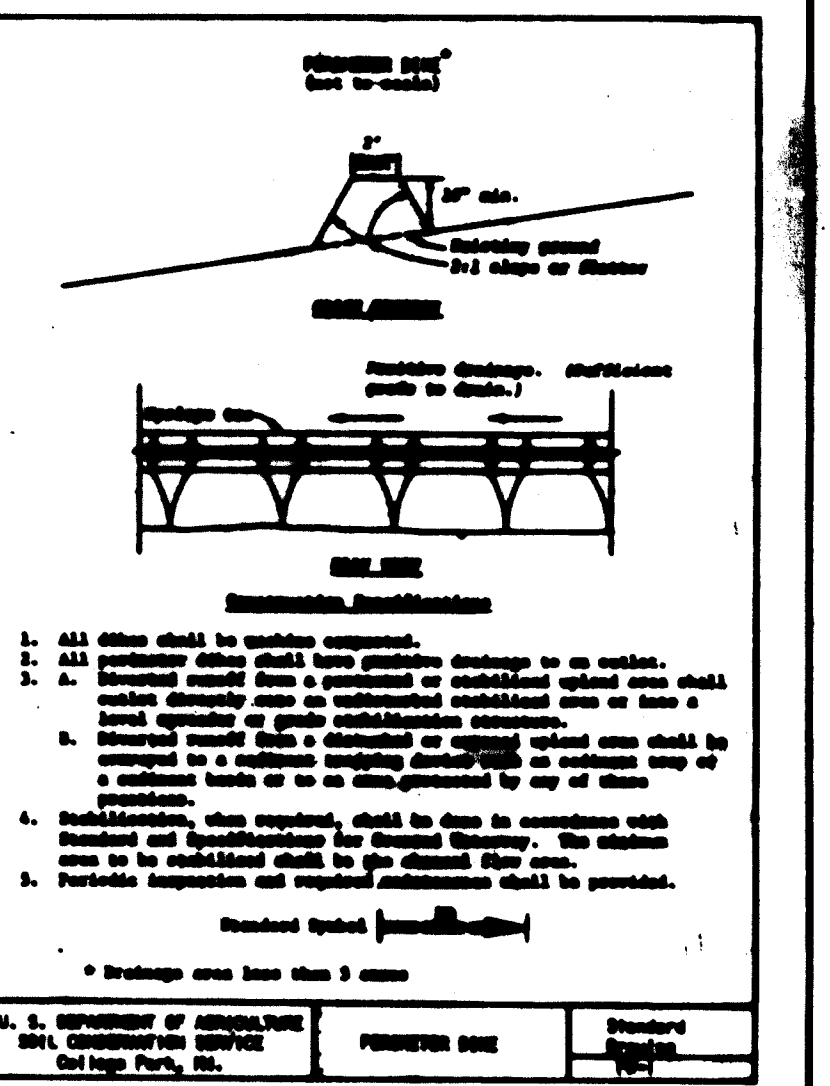
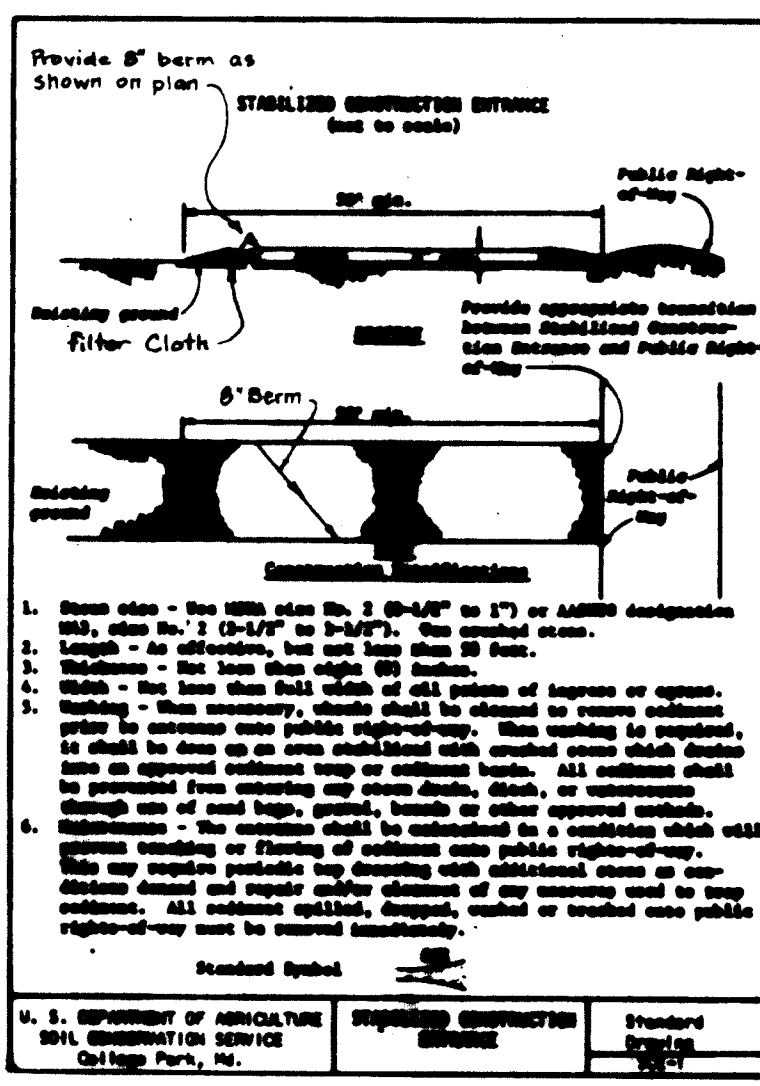
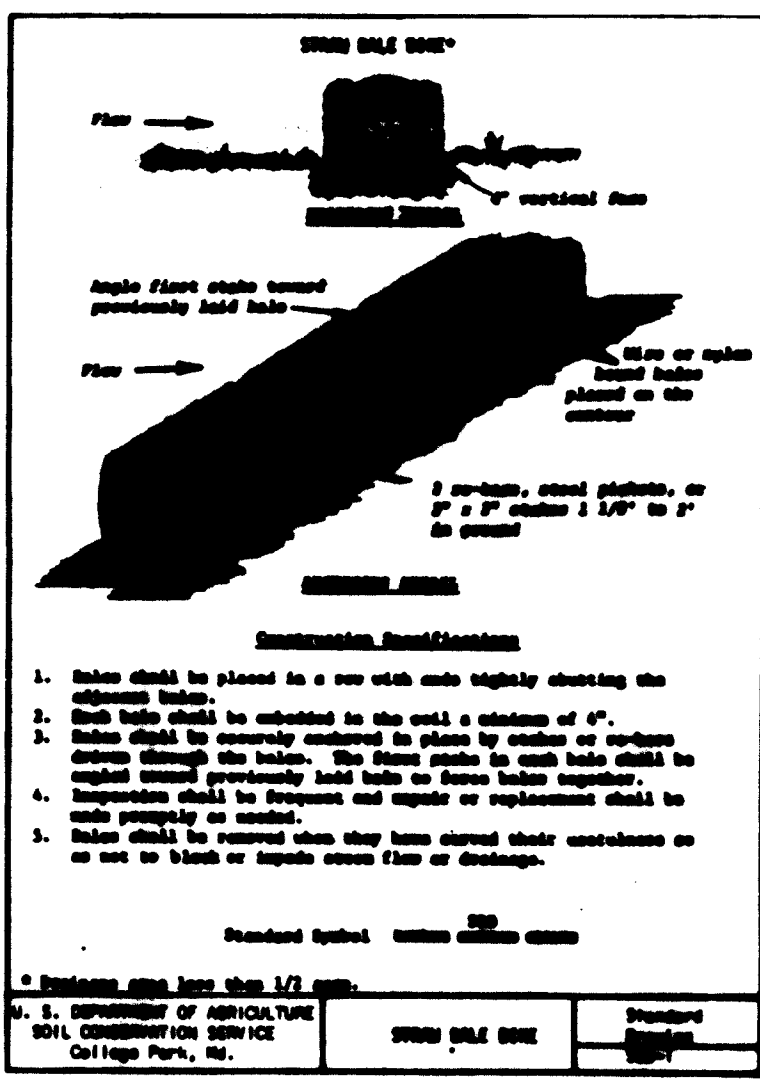
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small rip-rap 4"-7" with a thickness of 2"-4" crushed stone placed on the up-grade side of the small rip-rap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.

Reviewed for *Howard* S.C.D.
John M. [Signature] 6/27/84
U.S. Soil Conservation Service Date
This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
Stephen L. [Signature] 6/27/84
Howard S.C.D. Date



SEQUENCE OF CONSTRUCTION

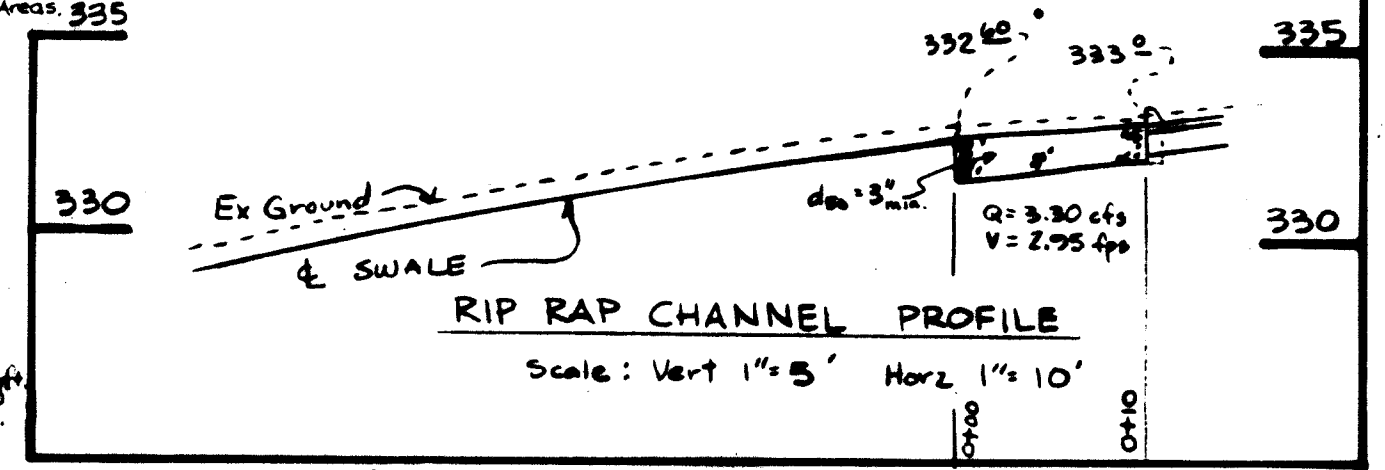
- Install Sediment Control devices including temp Perimeter Dike.
- Construct Sewer to avoid construction thru fill.
- Begin site grading and construction (utilizing the temp grading shown in area of the sediment trap).
- Stabilize disturbed areas as soon as possible after construction.
- Upon stabilization of contributing area and approval of Sediment Control Inspector, remove Sediment Trap and extend SBD to PD along E to filter runoff.
- Complete Grading and Construction.
- Upon approval of the Sediment Control Inspector, remove Sediment Control devices and stabilize those areas.



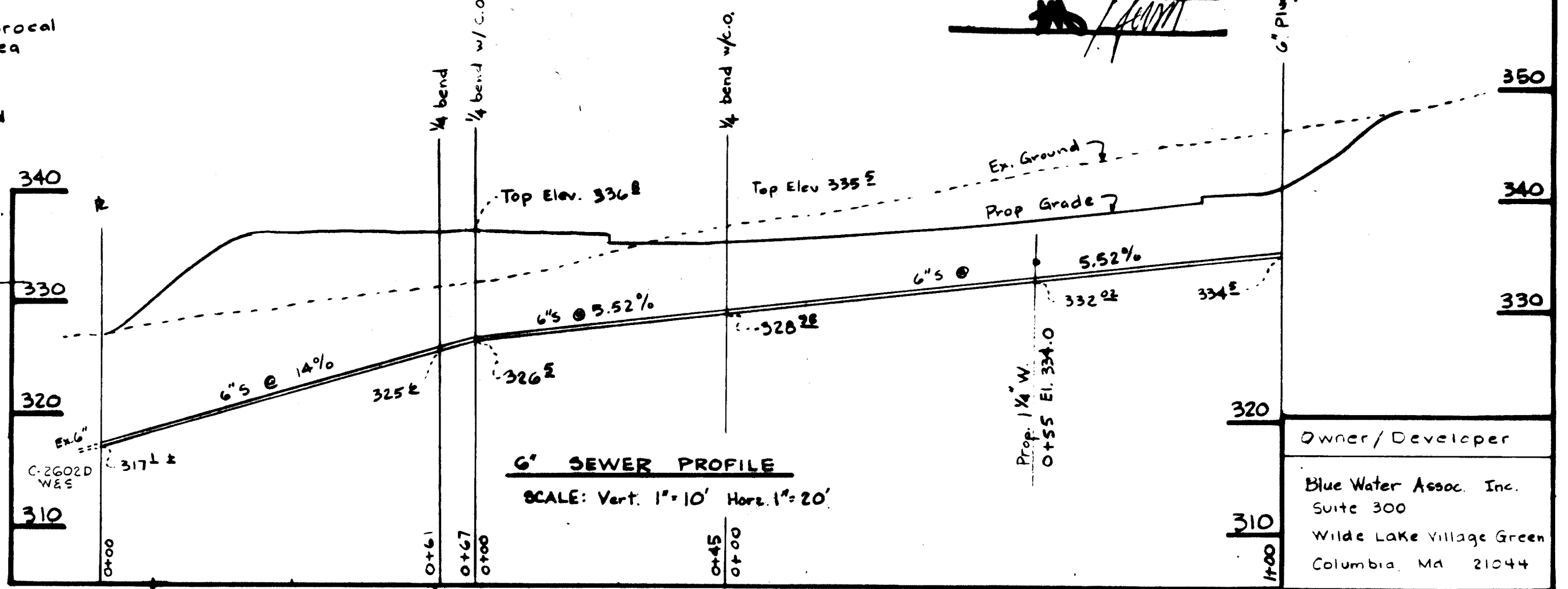
SEDIMENT CONTROL DETAILS
NO SCALE

GENERAL NOTES

- All construction to be done in accordance with the current Standards and Specifications of Howard County, Md. and the U.S. Department of Agriculture Soil Conservation Service.
- All disturbed areas are to be stabilized in accordance with the following specifications:
A. Seed: Certified 85% germination; applied @ 3 lbs/1000 sq ft
40% Kentucky Blue
20% Chewing Fescue
20% Kentucky 31
20% Annual Rye
B. Fertilizer: 10/10/10 applied @ 25 lbs/1000 sq ft & Ground Limestone or Dolomitic Lime applied @ 20 lbs/1000 sq ft.
C. Mulch: weed free grain straw applied @ 70-90 lbs/1000 sq ft.
Mulch shall be secured to ground by any approved method.
- Stabilization of disturbed areas to be achieved as soon as possible.
- Appropriate permits and construction easements shall be obtained prior to construction.



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE **6-13-84**

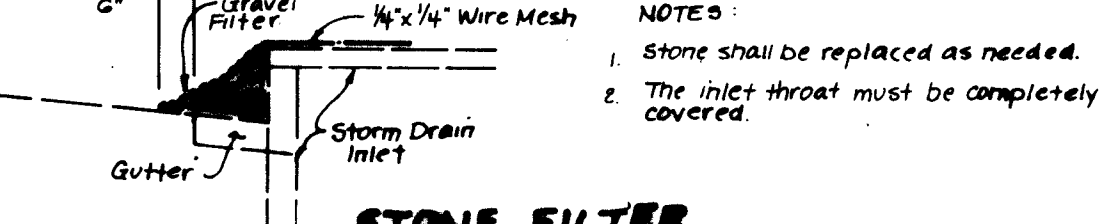


APPROVED For Public Water and Public Sewerage and Storm Drainage Systems and Roads
Howard County Dept. of Public Works
Director *W. F. [Signature]* 7-3-84
Chief Bur. of Eng. *Harlan E. Veenendaal* 7/2/84

APPROVED For Public Water and Public Sewerage Systems
Howard County Dept. of Health and Mental Hygiene
Planning Dir. *James [Signature]* 7-10-84
Chief Div. of Land Dev. and Zoning Admin. *John [Signature]* 7-10-84

APPROVED Howard County Office of Planning and Zoning
Planning Dir. *James [Signature]* 7-10-84
Chief Div. of Land Dev. and Zoning Admin. *John [Signature]* 7-10-84

STONE FILTER DETAIL



no.	description	date

prepared by **ARBA** ENGINEERS - ARCHITECTS - PLANNERS
WILDE LAKE VILLAGE GREEN, SUITE 207
COLUMBIA, MARYLAND 21044
301 / 738-7988 996-3824

DRAINAGE AREA, SEDIMENT CONTROL, WATER & SEWER, DETAILS
PARCEL D
Village of Owen Brown, Section 4, Area I
Columbia
6th Election District, Howard County, Md.
Reg. Ref. Plat Book 27, Folio 71

SCALE 1" = 20'	DRAWN MK	CHECKED JH
PROJ. NO. 4586	DATE 4-4-84	
2	2	
SHEET	OF	

BRUNING 44-132-58965

807-84-2436