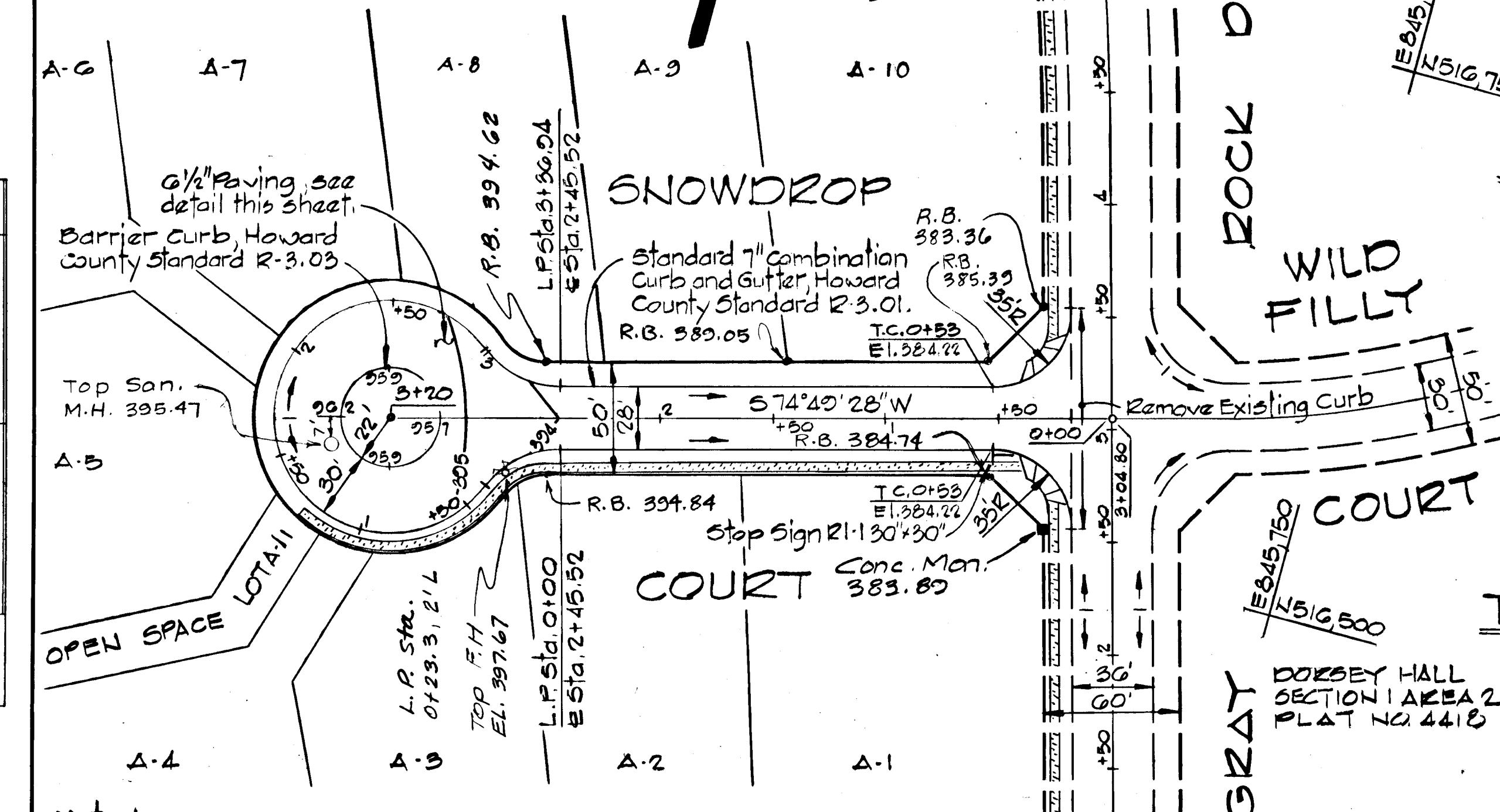
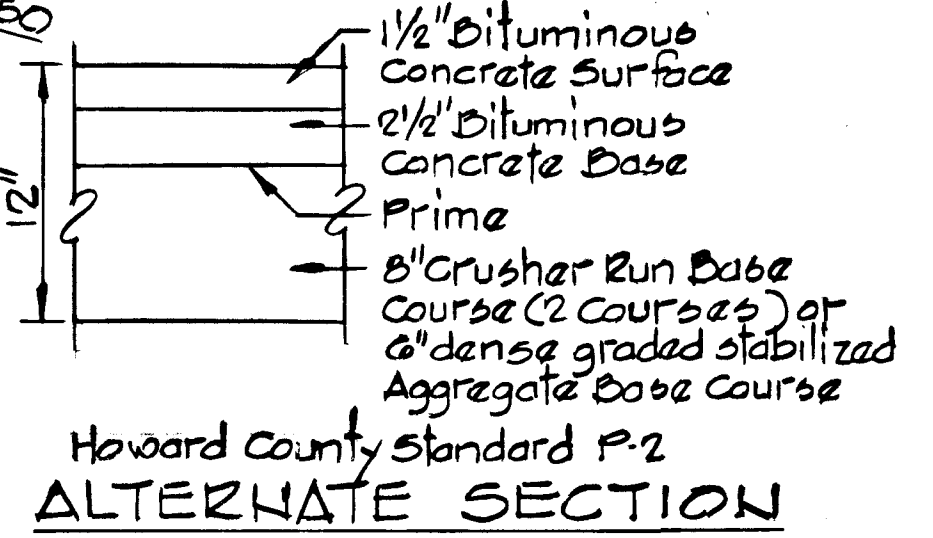
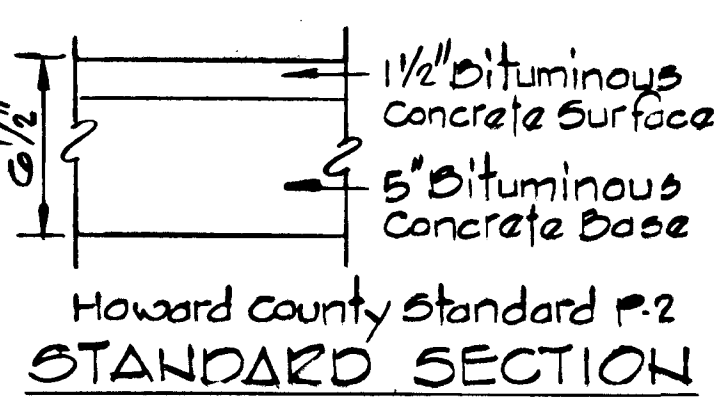


NOTE:
EXISTING DRAINAGE AREA TO
INLET I-19 IS 2.9 ACRES, WHEN
ROAD AND HOUSE CONSTRUCTION
IS COMPLETED AREA WILL BE
REDUCED TO 2.1 ACRES.

DEPARTMENT OF PUBLIC WORKS
5-5-82
CHIEF BUREAU OF ENGINEERING
OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

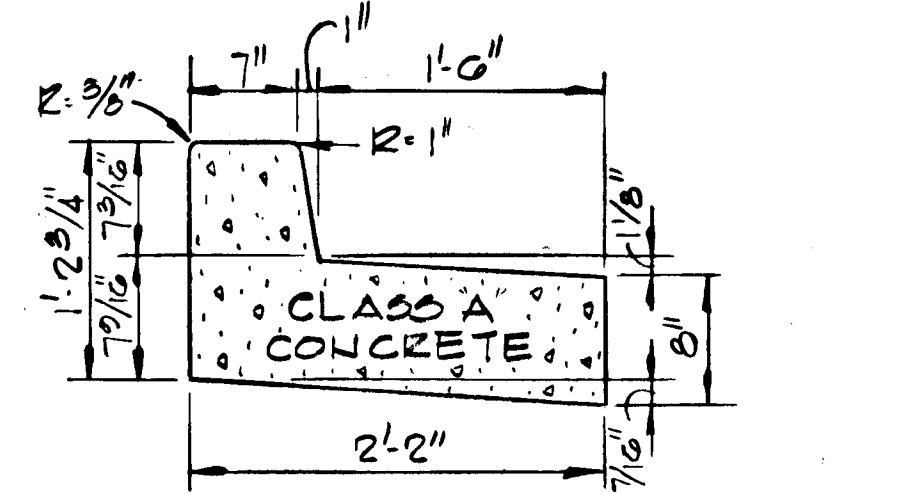
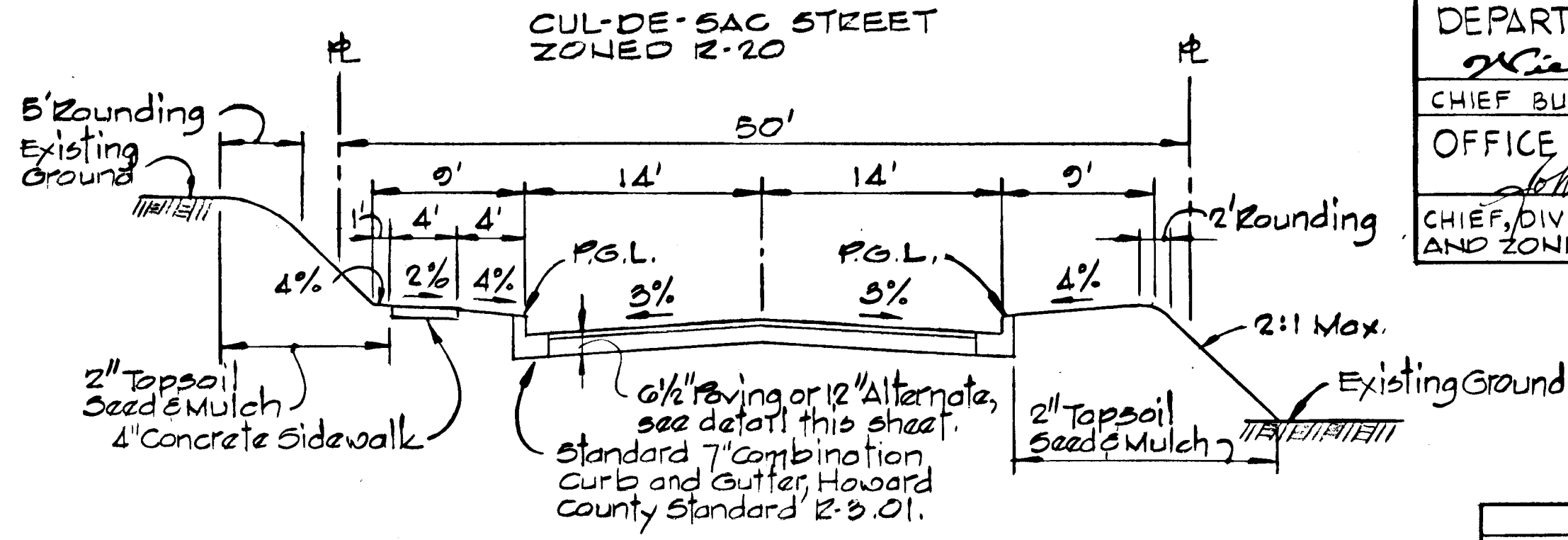


Notes:
1. For cul-de-sac dimensions and curve data, see Howard County Standard R-5.02.
2. Type "D" Handicapped Ramp, Howard County Standard R-4.04.
3. Reversed 7" Combination Curb and Gutter of S.W. corner of Gray Rock Drive and Road "A" see detail this sheet.



Notes:
1. Base will be primed in accordance with Article 33.03 as provided in The Maryland S.R.C. Specifications.
2. A tack coat will be applied in accordance with Section 33.07-b as provided in The Maryland S.R.C. Specifications.

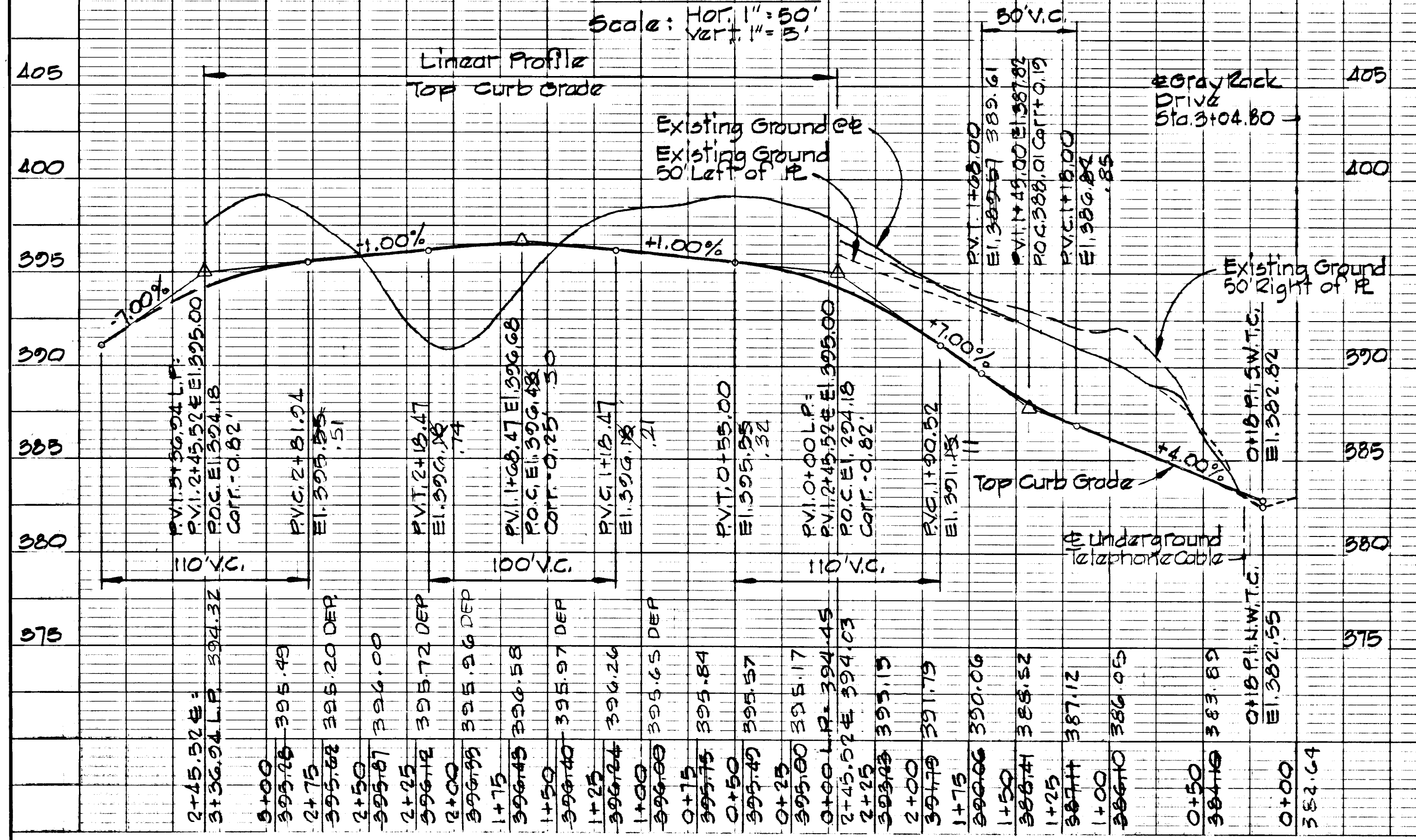
TYPICAL PAVING SECTIONS
No Scale

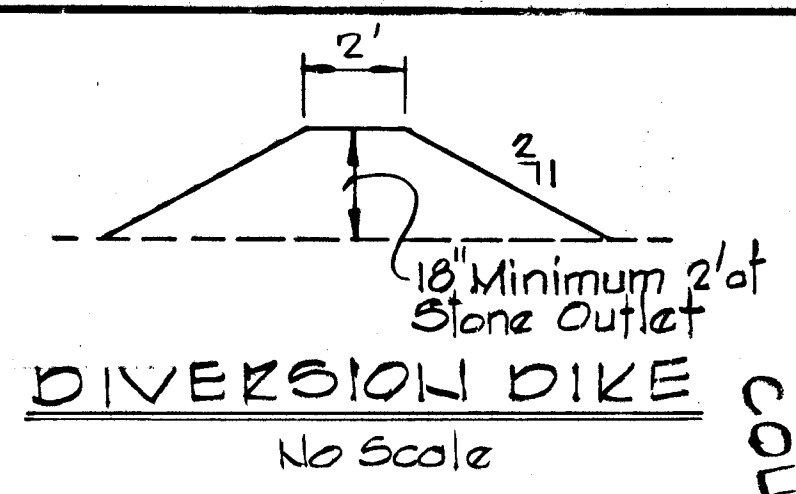
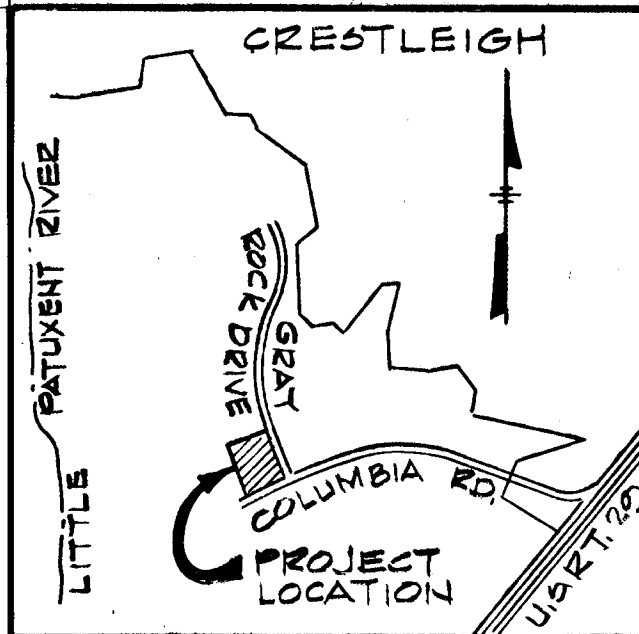


AS BUILT CERTIFICATION BY
WALTER PARK #5530, 10-30-84

Rev. Date	Rev. No.	Revision Description
		DORSEY HALL 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
		OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORP.
		PROJECT AREA SECTION 1 AREA 3 LOTS A-1 THRU A-11 AND PARCEL A-12 A RESUBDIVISION OF PARCEL "A"
		PROJECT TITLE PLAN AND PROFILE SNOWDROP COURT
		SCALE: AS SHOWN DATE
		WHITMAN, REQUARDT & ASSOCIATES ENGINEERS BALTIMORE, MARYLAND 21218
		Kenneth A. McCord KENNETH A. MCCORD Registered Engineer No. 1272

ROAD "A"
PROFILE
Scale: Hor. 1" = 50'
Vert. 1" = 5'





SITE ANALYSIS
 AREA OF IMPERVIOUS = 0.4 ACRES
 AREA TO BE VEGETATED = 2.5 ACRES

DEPARTMENT OF PUBLIC WORKS
 William P. Cole 5-5-82
 CHIEF, BUREAU OF ENGINEERING
 OFFICE OF PLANNING & ZONING
 Kenneth A. McCord 5-5-82
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE AND ZONING ADMINISTRATION

SEQUENCE OF CONSTRUCTION

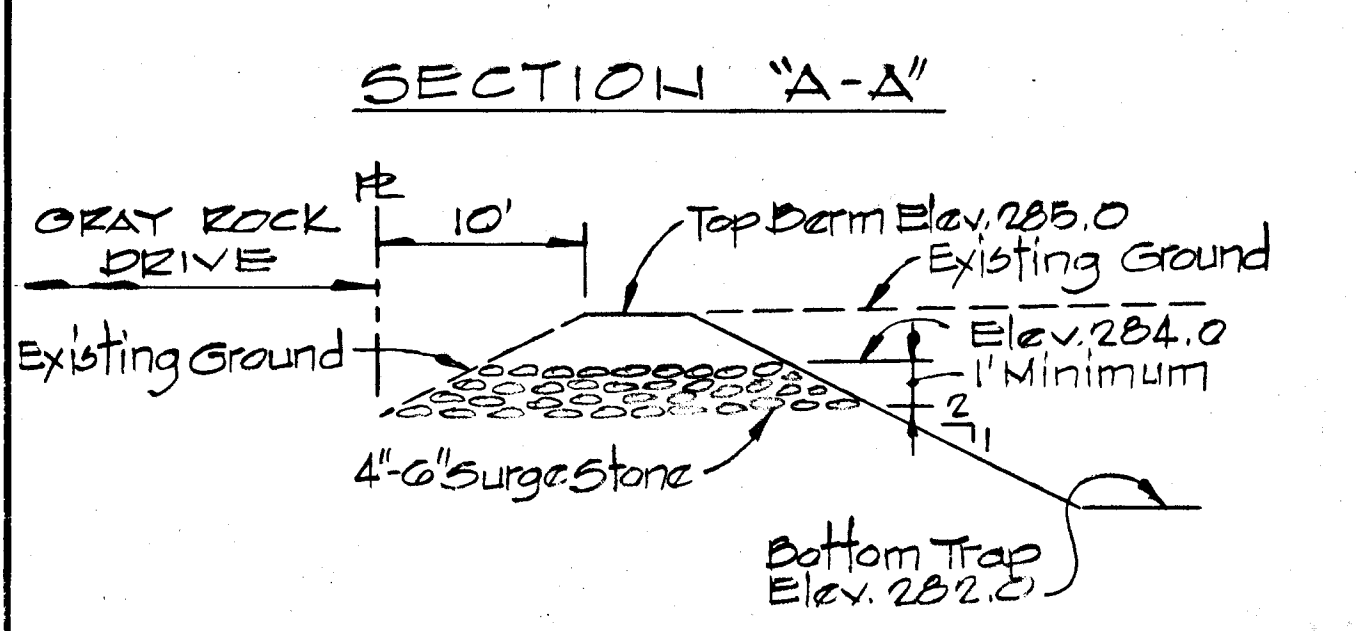
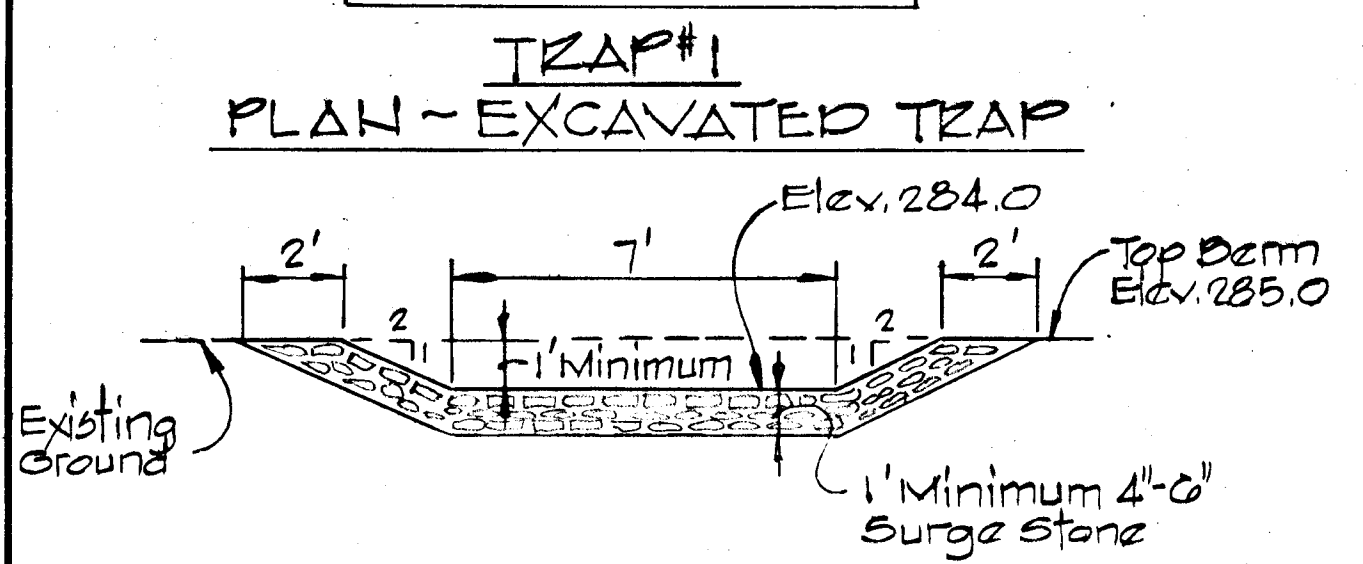
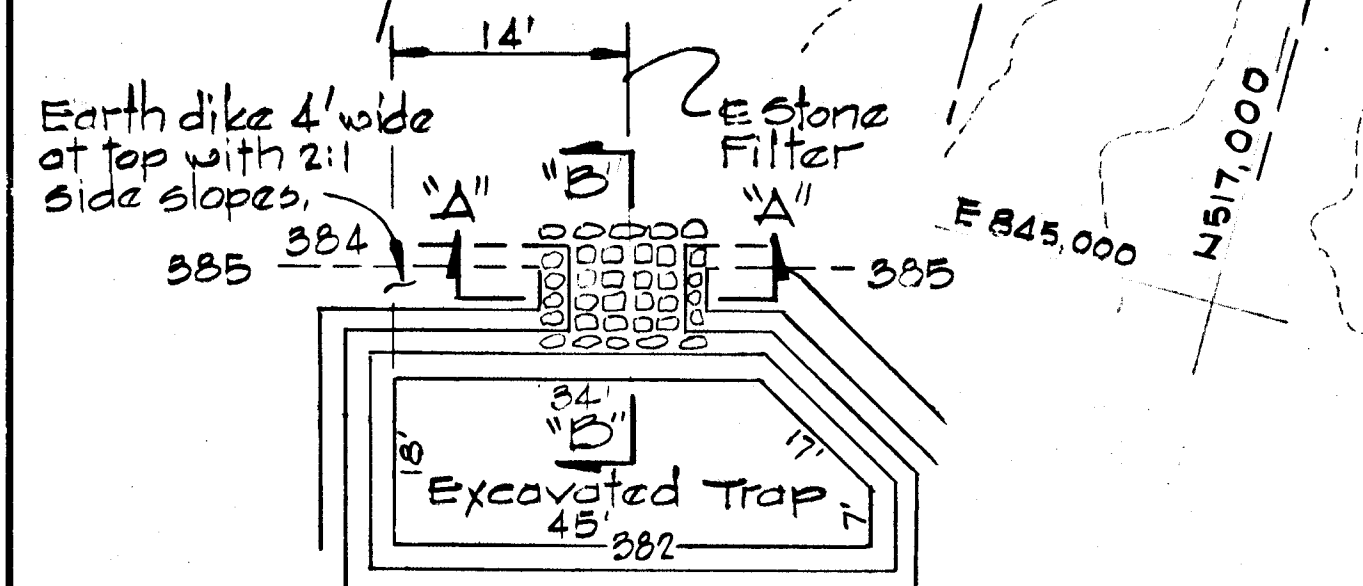
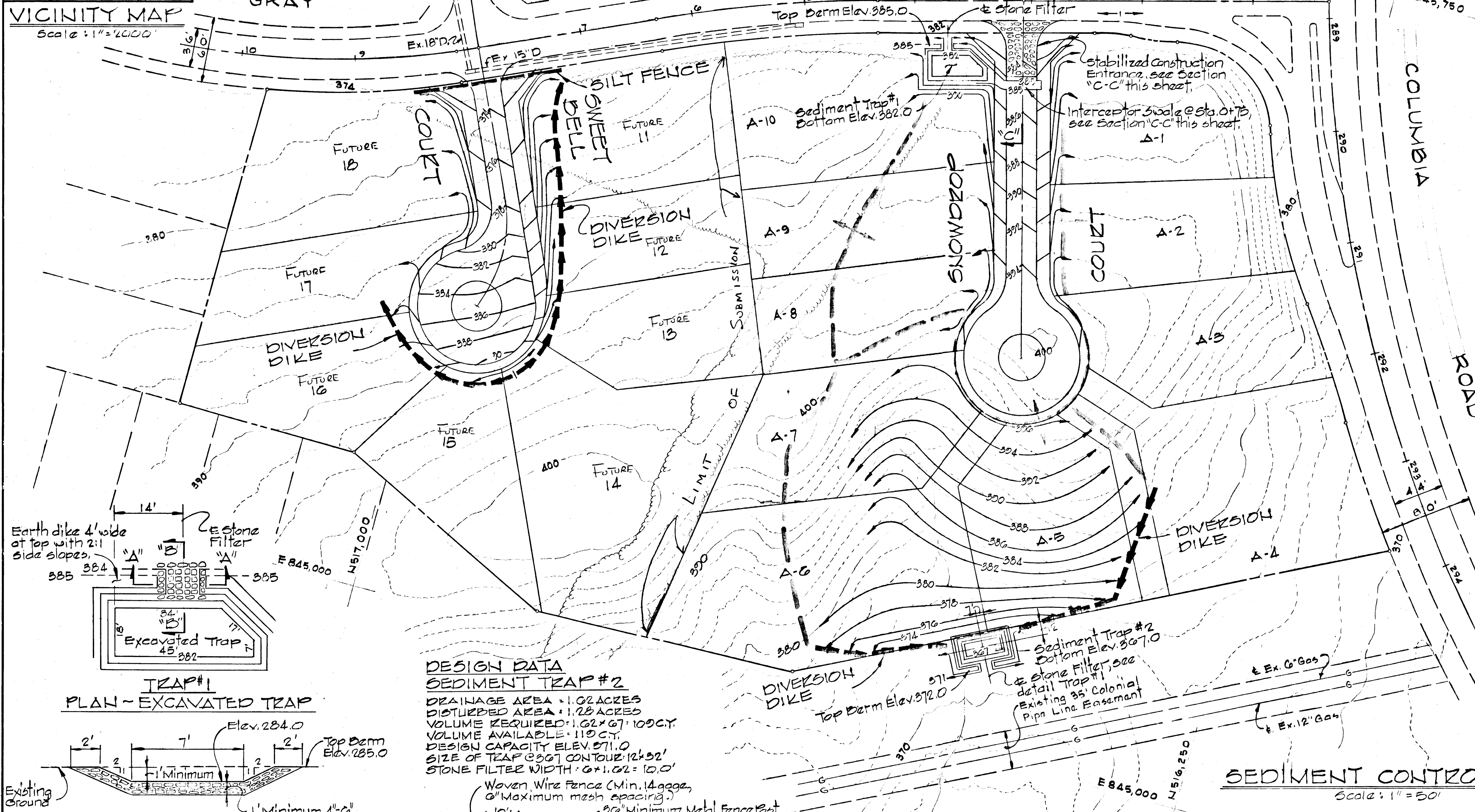
1. Obtain Grading Permit.
2. Construct Stabilized Construction Entrance on Snowdrop Court.
3. Construct Diversion Dikes, Silt Fence, Interceptor Swale and Sediment Trap #1 and #2.
4. Clear and grub limits of construction.
5. Strip limits of construction areas.
6. Rough grade limits of construction.
7. Construct utilities, curb and gutter etc. Snowdrop Court.
8. Stabilize all disturbed areas with permanent seeding, see specifications.
9. Remove Diversion Dikes, Silt Fence and Sediment Traps land #2 after grass is established in the contributing drainage areas. Stabilize with permanent seeding, see specifications.

SEDIMENT CONTROL NOTES

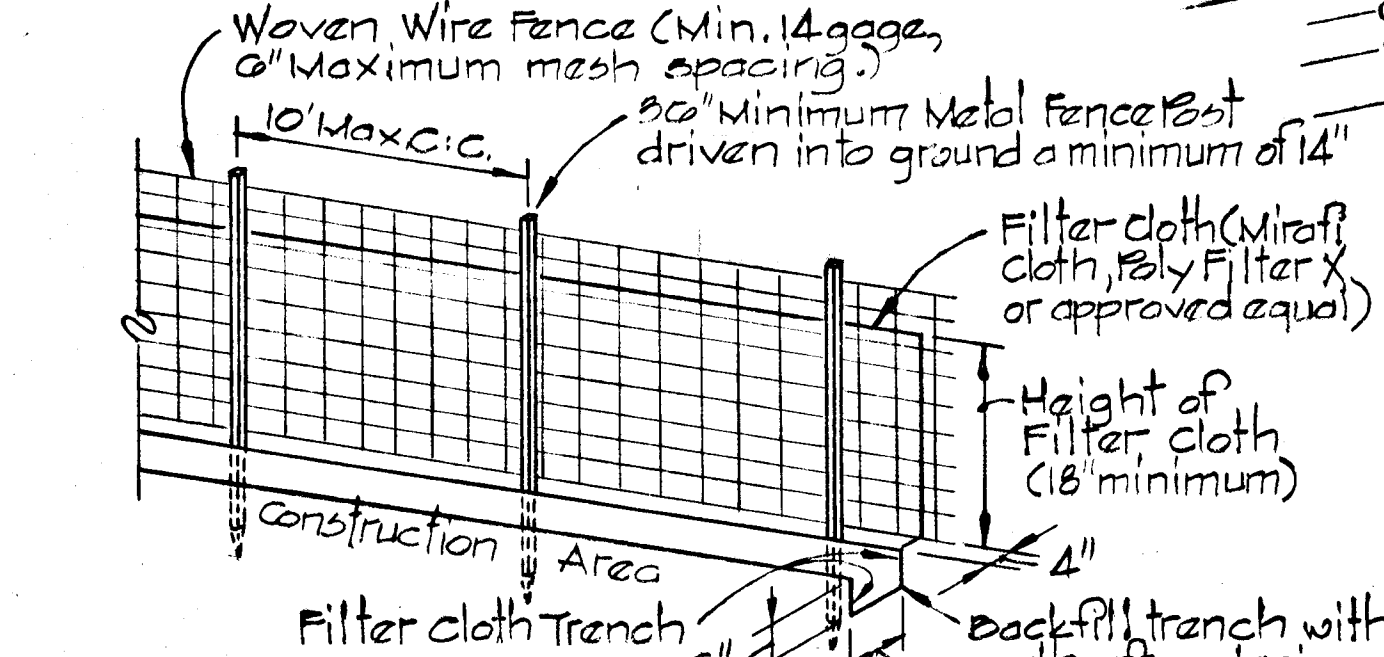
1. See "Sequence of construction" this sheet.
2. The Sediment Control measures shall be constructed as shown on this sheet.
3. All Diversion Dikes shall be seeded as specified in notes 4 and 5. All other surfaces to be permanently seeded, see specifications this sheet.
4. The Diversion Dikes shall be hydroseeded as follows:
 - a. Ground Limestone (50#/1000#)
 - b. Fertilizer 10-10-10 (25#/1000#)
 - c. Seed Italian Ryegrass (40#/acre)
5. Mulch with straw at the rate of (50#/1000# or one ton/acre. Anchor with asphalt at the rate of 480 gallons/acre).

PERMANENT SEEDING NOTES

- Lime - 2 tons/acre agricultural ground limestone.
- Fertilizer - 1000#/acre (10-10-10)
- Seeding - 100#/acre of the following:
 - 20% Kentucky Blue Grass, 20% Merion Blue Grass, 55% Creeping Red Fescue, 5% Red Top.
- Mulch Required - Mulch graded with straw at the rate of 480 gallons/acre. Anchor with asphalt at the rate of 480 gallons/acre. Stabilization of slopes steeper than 3:1 shall be planted with crown vetch at 15#/acre or 0.84#/1000# and Kentucky 31 Tall Fescue at 40#/acre or 1#/1000#.



DESIGN DATA SEDIMENT TRAP #2
 DRAINAGE AREA = 1.02 ACRES
 DISTURBED AREA = 1.28 ACRES
 VOLUME REQUIRED = 1.02 x 67 = 68.34 C.Y.
 VOLUME AVAILABLE = 110 C.Y.
 DESIGN CAPACITY ELEV. 371.0
 SIZE OF TRAP (350') CONTOUR 12' x 52'
 STONE FILTER WIDTH = 6' x 1.02 = 6.12'



Notes:
 1. Woven wire fence to be fastened securely to fence posts by use of wire ties.
 2. Filter cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

DESIGN DATA SEDIMENT TRAP #1
 DRAINAGE AREA = 1.14 ACRES
 DISTURBED AREA = 0.47 ACRES
 VOLUME REQUIRED = 1.14 x 67 = 76.38 C.Y.
 VOLUME AVAILABLE = 80 C.Y.
 DESIGN CAPACITY ELEV. 384.0
 STONE FILTER WIDTH = 6' x 1.14 = 6.84'

CERTIFICATION BY THE DEVELOPER
 "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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY."
 Walter F. Woodford 4-20-82
 WALTER F. WOODFORD DATE

CERTIFICATION 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."
 Kenneth A. McCord 5-5-82
 KENNETH A. MCCORD PE 1974 DATE

RESPONSIBLE PERSONNEL CERTIFICATION
 "I hereby certify 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 the project."
 Walter E. Woodford 4-20-82
 WALTER E. WOODFORD DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 Jeffrey R. Beckman 4-29-82
 DATE
 U.S. SOIL CONSERVATION SERVICE

Rev	Date	Rev No	Revision Description
DORSEY HALL 2 ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND OWNER AND DEVELOPER HOWARD RESEARCH AND DEVELOPMENT CORP PROJECT AREA SECTION 1 AREA 3 LOTS A:1 THRU A:12 AND PARCEL A:12 A RESUBDIVISION OF PARCEL 2 PROJECT TITLE SEDIMENT CONTROL SCALE: AS SHOWN DATE:			
WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS 2315 ST. PAUL STREET BALTIMORE, MARYLAND 21202 APPROVED: Kenneth A. McCord 5-5-82 HOWARD S.C.D. DATE KENNETH A. MCCORD Registered Engineer No 1974			

SEDIMENT CONTROL PLAN
 Scale: 1" = 50'