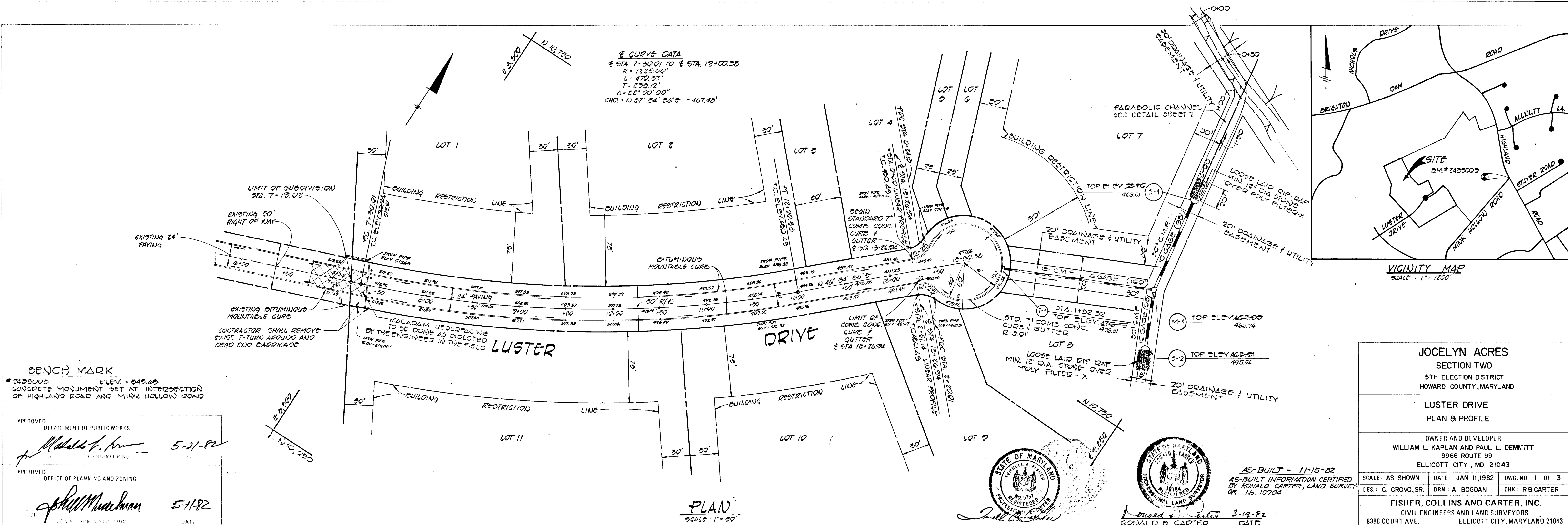


DATE BOOK NO. BY: DATE CHECKED BY: DATE OF WAY CHECKED BY:



BENCH MARK
 # 2458003 ELEV. = 545.65
 CONCRETE MONUMENT SET AT INTERSECTION
 OF HIGHLAND ROAD AND MINK HOLLOW ROAD

APPROVED DEPARTMENT OF PUBLIC WORKS
[Signature] 5-21-82

APPROVED OFFICE OF PLANNING AND ZONING
[Signature] 5-1-82



AS-BUILT - 11-15-82
 AS-BUILT INFORMATION CERTIFIED
 BY RONALD CARTER, LAND SURVEYOR
 OR No. 10704
 DATE 3-19-82

JOCELYN ACRES
 SECTION TWO
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

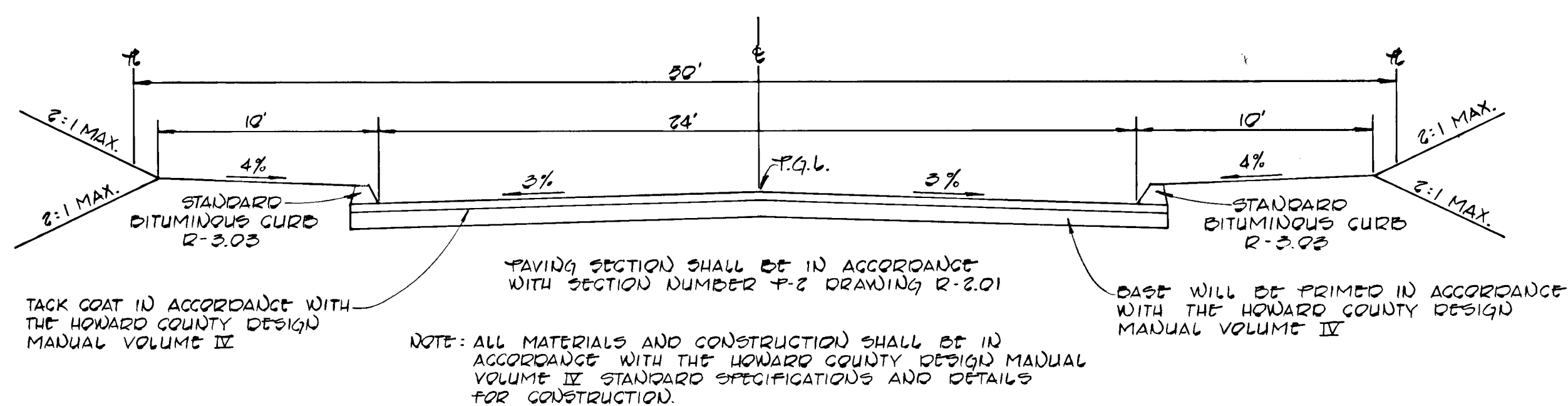
LUSTER DRIVE
 PLAN & PROFILE

OWNER AND DEVELOPER
 WILLIAM L. KAPLAN AND PAUL L. DEMITT
 9966 ROUTE 99
 ELLICOTT CITY, MD. 21043

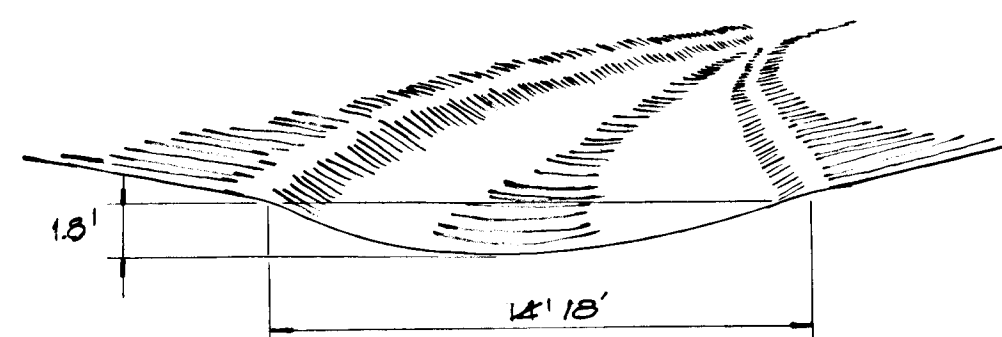
SCALE: AS SHOWN	DATE: JAN. 11, 1982	DWG. NO. 1 OF 3
DES.: C. CROVO, SR.	DRN.: A. BOGDAN	CHK.: R.B. CARTER

FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

TYPE OF TRAFFICWAY - CUL-DE-SAC ZONED - R DESIGN SPEED 20 MPH.



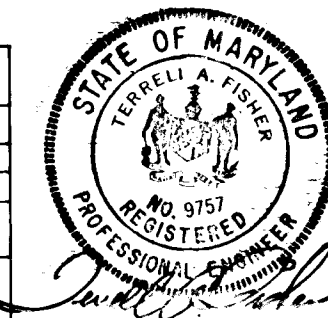
TYPICAL ROADWAY SECTION
NO SCALE



PARABOLIC CHANNEL DETAIL
NO SCALE

APPROVED: DEPARTMENT OF PUBLIC WORKS
Michael K. P. 5-21-82
OFFICE OF ENGINEERING
APPROVED: OFFICE OF PLANNING AND ZONING
Shelley M. Brown 5-1-82
DATE

STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
1-1	A-S	-	462.57	462.75	DRAWING 3D-401
M-1	SHALLOW MANHOLE	462.75	462.00	462.74	5-5.05
2-1	STD. METAL END SECTION	-	462.01	462.01	5D-5.G1
3-2	STD. METAL END SECTION	462.52	-	462.52	5D-5.G1



AS-BUILT - 11-15-82
AS-BUILT INFORMATION
CERTIFIED BY RONALD
D. CARTER, LAND SURVEYOR
OR No. 10704

Ronald D. Carter 3-19-1982
RONALD D. CARTER DATE

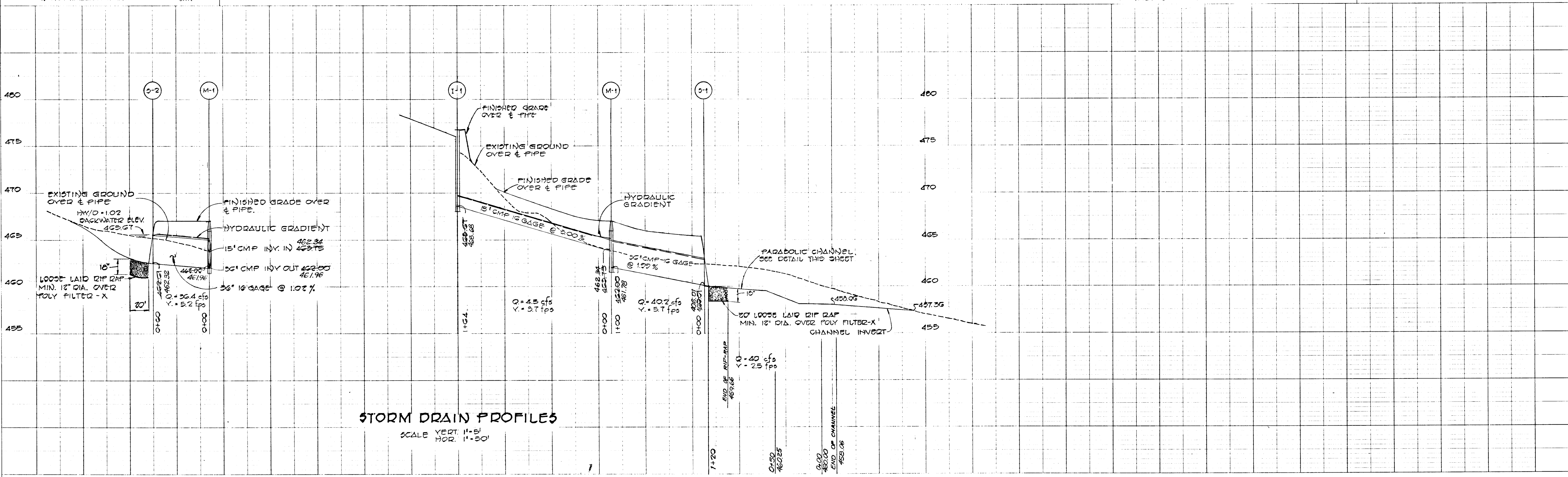
JOCELYN ACRES
SECTION TWO
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
WILLIAM L. KAPLAN AND PAUL L. DEMMITT
9966 ROUTE 99
ELLICOTT CITY, MD. 21043

SCALE AS SHOWN: DATE: JAN. 11 1982: DWG. NO. 2 OF 3

DES. COROVO, SR.: DRN. A. BOGDAN: CHK. R.B. CARTER

FISHER, COLLINS AND CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
8388 COURT AVE. ELICOTT CITY, MARYLAND 21043



STORM DRAIN PROFILES
SCALE VERT. 1"=5'
HOR. 1"=50'

941

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

Richard B. Carter 5-11-82
U.S. SOIL CONSERVATION SERVICE DATE

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

William J. Nam 5-11-82
DISTRICT COORDINATOR DATE

HOWARD COUNTY SOIL CONSERVATION DISTRICT

ENGINEER'S CERTIFICATE

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 COUNTY SOIL CONSERVATION DISTRICT.

Ronald B. Carter 5/5/1982
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 SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Richard B. Carter 2-10-82
HIGHLAND DEVELOPMENT CODE, F.E.C.S. DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
William J. Nam 5-21-82
CHIEF BUREAU OF ENGINEERING DATE

APPROVED: DIVISION OF PLANNING AND ZONING
Richard B. Carter 5-11-82
CHIEF DIVISION OF LAND DEVELOPMENT DATE AND ZONING ADMINISTRATION

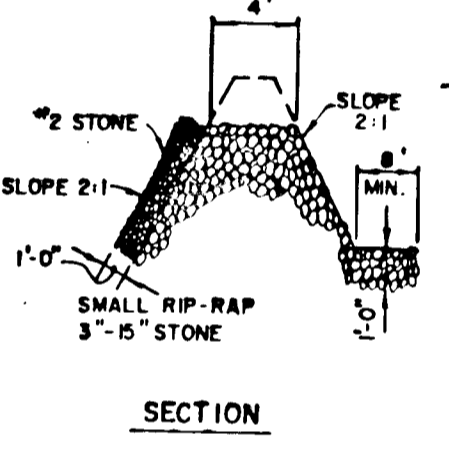
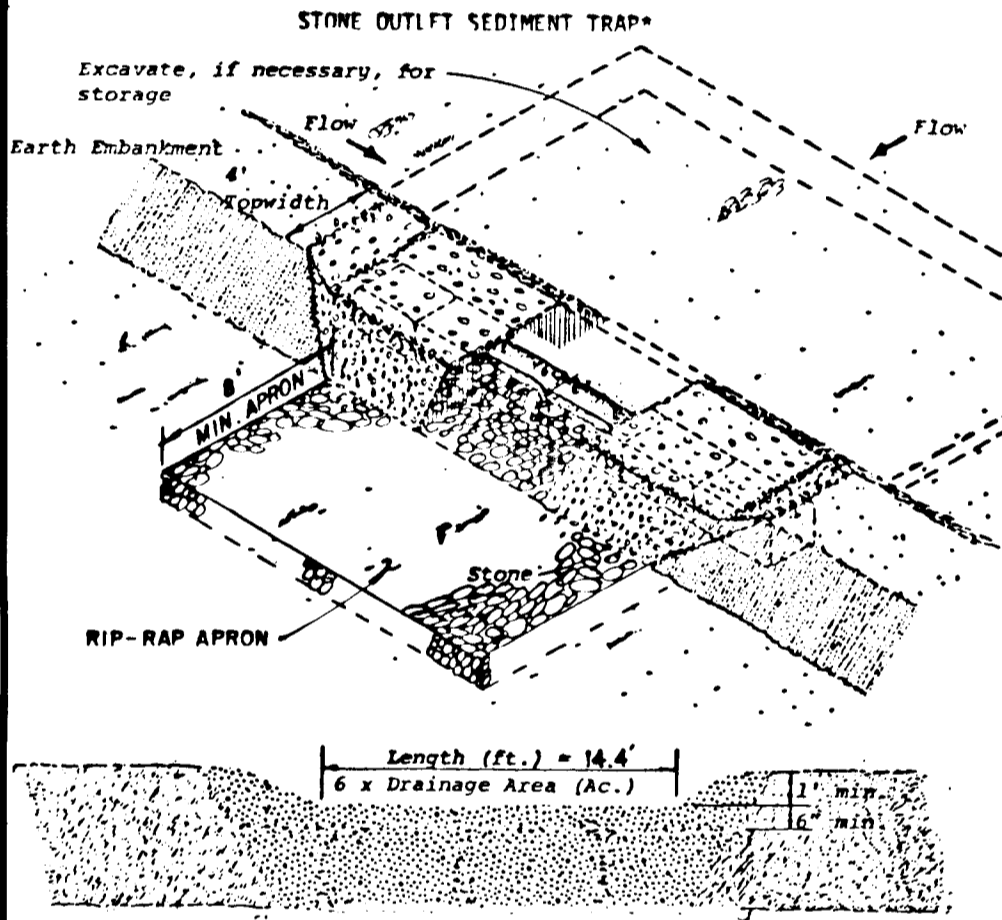
SITE ANALYSIS

- TOTAL AREA OF PROPERTY 27.8 AC.
- AREA TO BE DISTURBED 1.4 AC.
- TOTAL IMPERVIOUS AREA 0.6 AC.
- TOTAL AREA TO BE VEGETATED 0.8 AC.

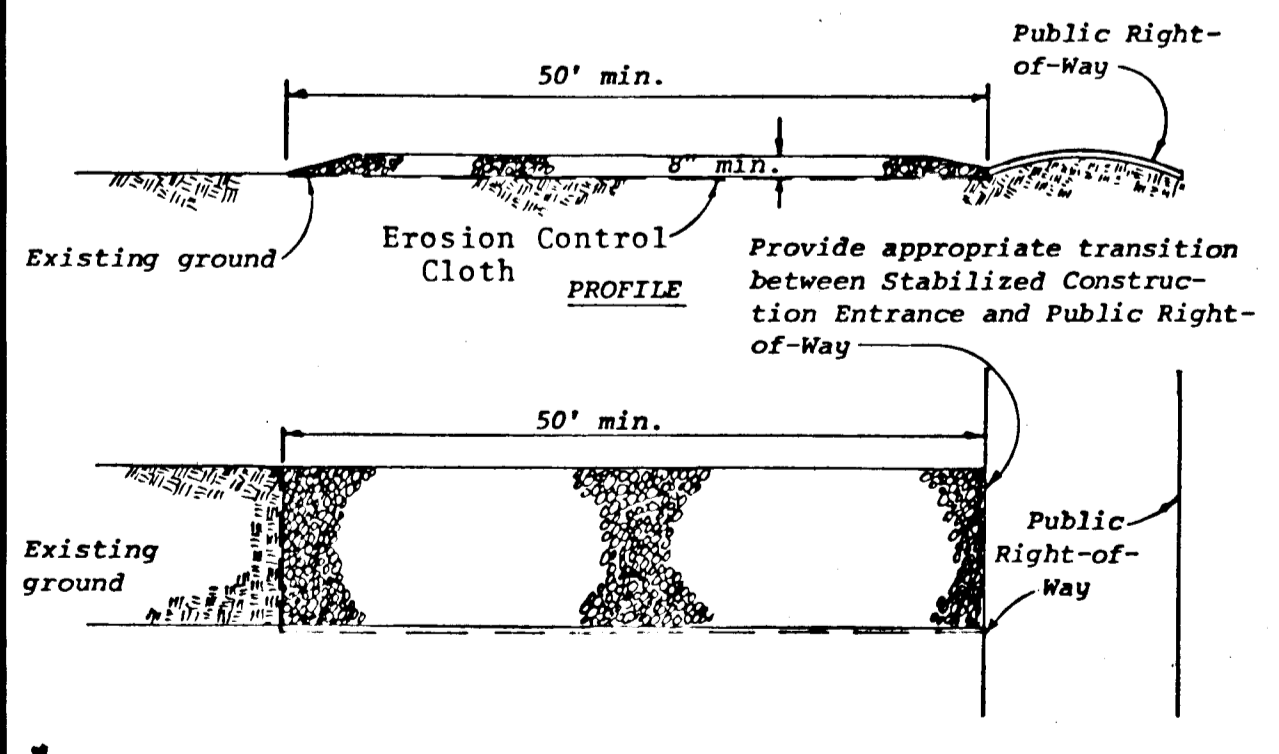
HOWARD MONTGOMERY
CRUSHED STONE, INC.
421 / 722

STONE OUTLET SEDIMENT TRAP DATA

DRAINAGE AREA 24 AC.
STORAGE REQUIRED - 4542 CU. FT.
STORAGE PROVIDED - 4500 CU. FT.
SIDE SLOPES - 2:1
TOP DIMENSION - 34' x 40'
BOTTOM DIMENSION - 44' x 30'
DEPTH - 2.5'
TOP OF WEIR ELEV. - 72.50
LENGTH OF STONE FILTER - 14.4'

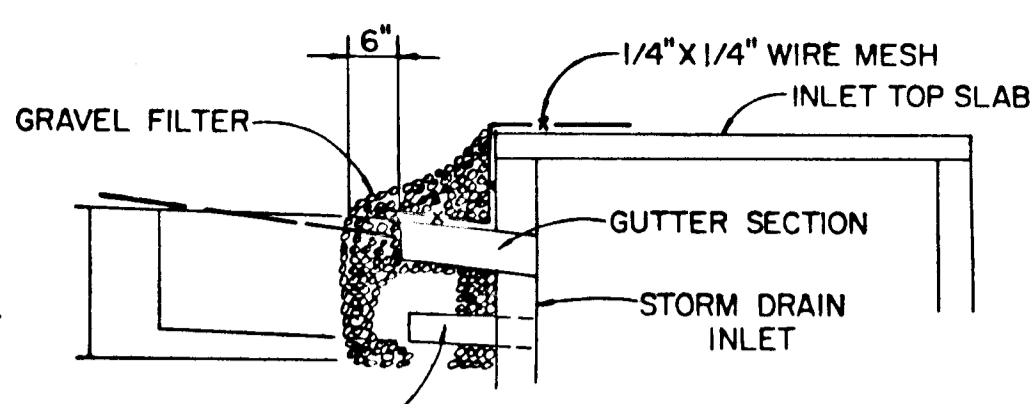


STONE OUTLET SEDIMENT TRAP



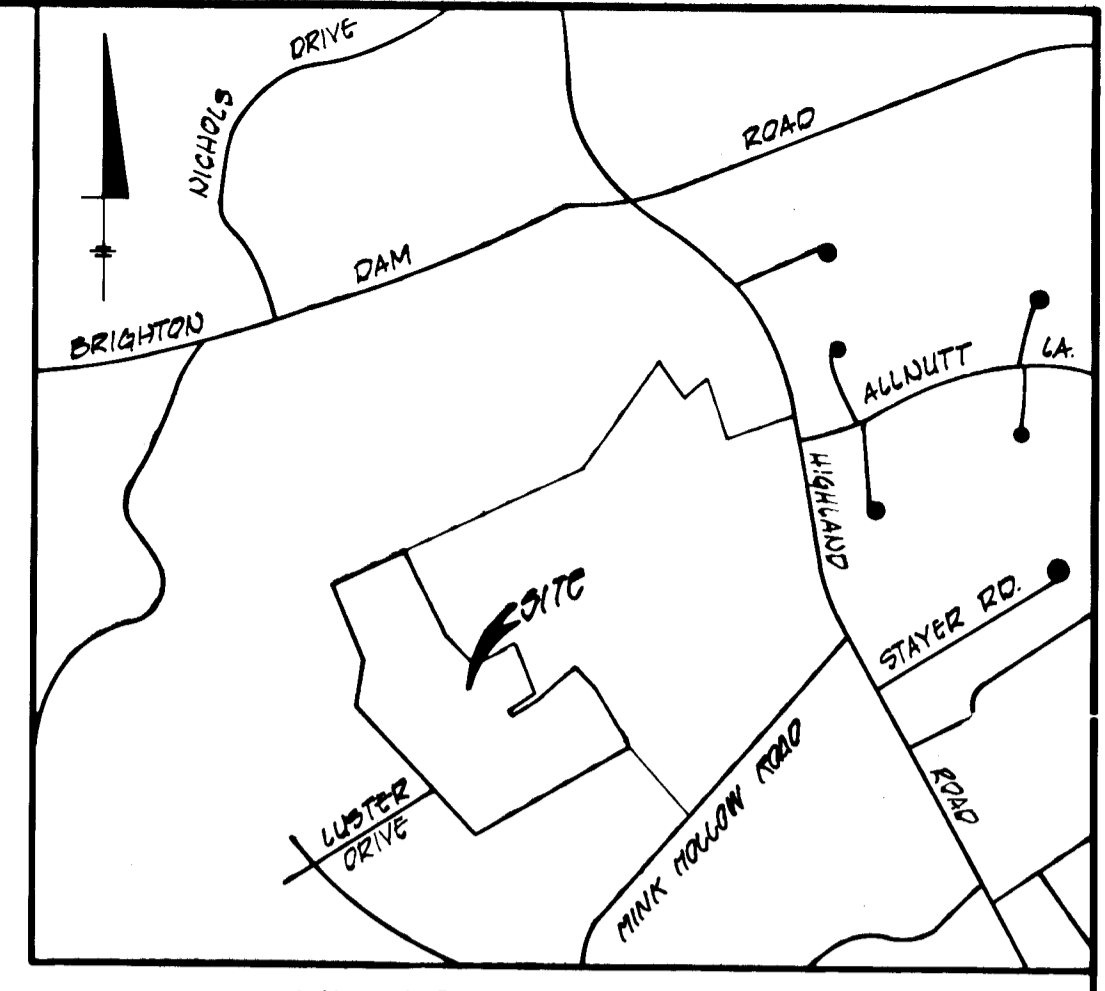
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

FLOHR, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
6000 COURT AVENUE
BELLGATE CITY, MARYLAND 21043
TELEPHONE (301) 461-2000



STONE FILTER INLET PROTECTION DETAIL
NO SCALE

- GENERAL NOTES**
- TOTAL NUMBER OF LOTS - 11
 - TOTAL AREA OF SECTION TWO - 37.8 AC. ±
 - TOTAL AREA OF LOTS - 36.9 AC. ±
 - TOTAL AREA OF ROAD R/W - 0.9 AC. ±
 - PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS WILL BE UTILIZED IN THIS SUBDIVISION.
 - SEE OFFICE OF PLANNING AND ZONING FILE S 81-31 AND BA CASE #998C.
 - PROPERTY IS LOCATED ON TAX MAP NO. 34 PARCEL 61.
 - PROPERTY IS ZONED R PER 10-3-77 COMPREHENSIVE ZONING PLAN.

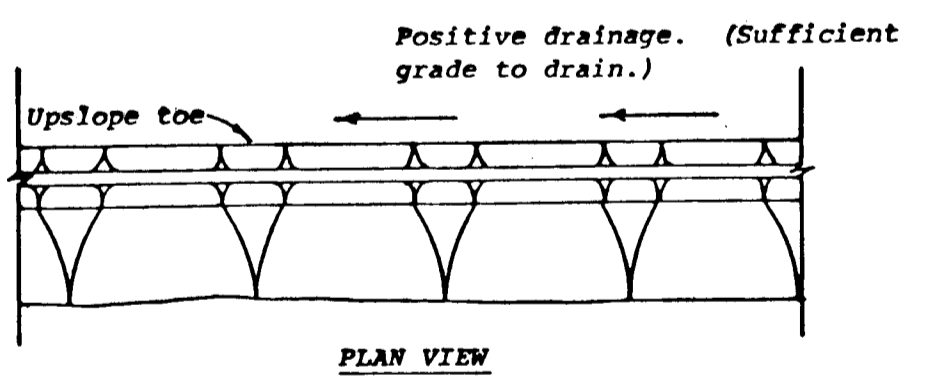
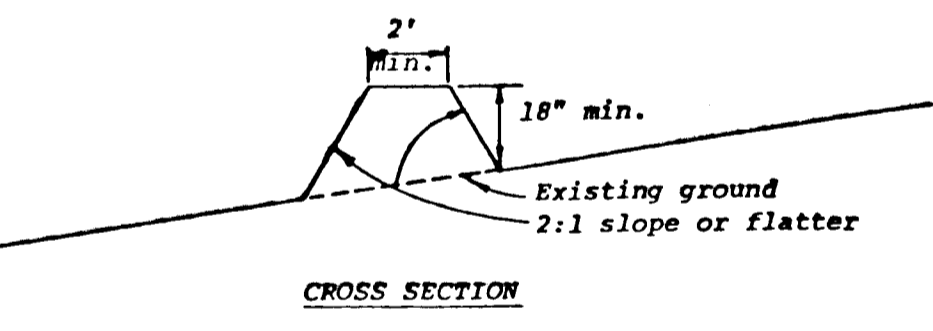


VICINITY MAP
SCALE: 1" = 1000'

OPPOSITE DRAINAGE AREA MAP
SCALE: 1" = 2000'

SEDIMENT CONTROL NOTES

- Specifications for the Sediment Control Details shown hereon are included in the U.S.D.A. Soil Conservation Service "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas."
- The developer shall notify the Howard County Office of Inspection and Permits at least 24 hours prior to beginning any construction shown hereon (992-2433).
- Sediment control structures to be constructed prior to any on-site grading or disturbance to any existing surface material, and are to be stabilized as soon as constructed.
- All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Office of Inspection and Permits. (992-2433).
- All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:
 - Site Preparation
 - Harrow or disc in areas proposed to be seeded the following materials:
 - Pulverized limestone at 2 tons/acre.
 - Commercial fertilizer 10-10-10 at 3/4 tons/acre.
 - Super phosphate at 600 lbs./acre.
 - Seeding
 - Sow the following seed mixture at the rate of 200 lbs./acre with a mechanical spreader:
 - Temporary: Italian or Perennial Rye Grass
 - Permanent: 40% Marion Blue Grass, 40% South Dakota Blue Grass and 20% Penn Lawn Creeping Fescue.
 - The seeded area shall then be raked with a York Rake (a minimum of 2 passes) covered and compacted with Cultipacker or other approved method.
 - Mulching
 - Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 - 2 tons/acre.
 - Tie mulch down with liquid asphalt at 0.1 gal./s.y. or emulsified asphalt at 0.04 gal./s.y. or mulch netting.
- A grading plan must be developed by the builder and approved before beginning construction of dwellings.



PERIMETER DIKE
NOT TO SCALE

CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- CONSTRUCT STONE CONSTRUCTION ENTRANCE.
- CONSTRUCT PERIMETER DIKE AND STABILIZE USING PERMANENT SEEDING.
- CONSTRUCT STONE OUTLET SEDIMENT TRAP.
- PLACE LUSTER DRIVE TO SUBGRADE STABILIZING AREAS BETWEEN EXISTING GROUND AND BACK OF CURB USING PERMANENT SEEDING.
- CONSTRUCT STORM DRAIN SYSTEM AND INSTALL INLET PROTECTION DEVICE AT I-1.
- CONSTRUCT PARABOLIC CHANNEL, SEED AND MULCH.
- LAY BASE COURSE.
- DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE TRAP WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
- DURING CONSTRUCTION AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE OF THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON.
- CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE, LAY SURFACE COURSE, BITUMINOUS CURB AND STABILIZE SHOULDERS.
- REMOVE STONE OUTLET SEDIMENT TRAP AND PERIMETER DIKE.
- ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
- GRADING PERMIT #82-29 HAS BEEN ISSUED FOR CONSTRUCTION OF LUSTER DRIVE.

DRAINAGE AREA MAP & SEDIMENT CONTROL PLAN
"JOCELYN ACRES - SECTION TWO"
LOTS 1 THRU 13

AS-BUILT - 11/15/82
AS-BUILT INFORMATION CERTIFIED BY RONALD B. CARTER, LAND SURVEYOR OR NO. 10704

TAX MAP 84 - PART OF PARCEL 61
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 1000' DATE: DEC. 20, 1981
SHEET 3 OF 3



OWNED & DEVELOPED
WILLIAM L. KAPLAN AND PAUL J. DEMMITT
2766 ROUTE 29
BELLGATE CITY, MARYLAND 21043
461-4620

