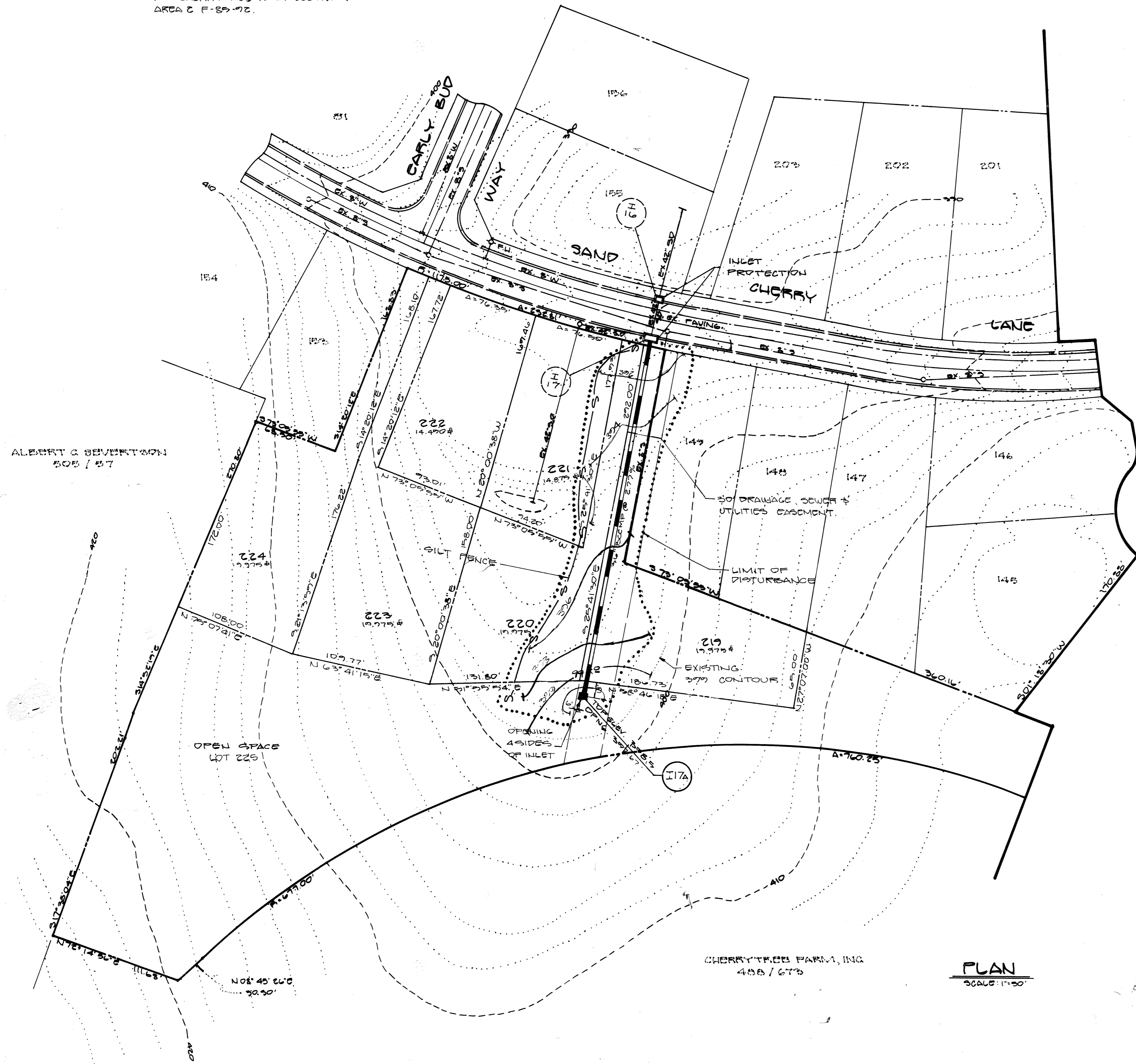


NOTE: STORM WATER MANAGEMENT FOR THIS SECTION IS ACHIEVED BY A PERMANENT S.W.M. BASIN PROVIDED AND APPROVED FOR CHERRYTREE FARM SECTION 1 AREA 2 F-89-72.

"SECTION 1 AREA 2"  
"CHERRYTREE FARM"



ALBERT C. BEVERITSON  
505 / 57

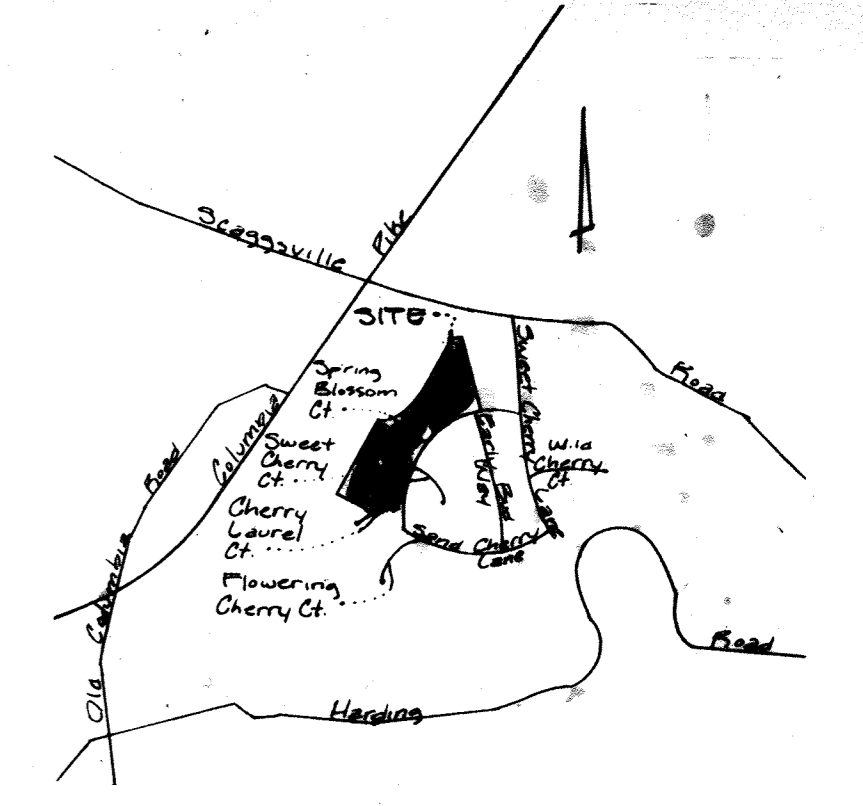
CHERRYTREE FARM, INC.  
485 / 475

PLAN  
SCALE: 1"=50'

- CONSTRUCTION SEQUENCE
1. Obtain necessary permits.
  2. Notify County 24 hours prior to commencement of construction.
  3. Install sediment control devices.
  4. Grade and install storm drain systems.
  5. Remove Sediment Control Devices when approved by Sediment Control Inspector.

- GENERAL NOTES
1. AREA OF PROPERTY: 15.75 ac.
  2. PROPERTY ZONED: R-20
  3. DEED REFERENCE: 1272/272 & 1075/275
  4. NO. OF LOTS: 21 - 1 OPEN SPACE
  5. AREA OF ROADWAYS: 0
  6. AREA OF OPEN SPACES: 5.27 ac
  7. AREA OF LOTS: 8.67 ac
  8. SOIL MAP: B3
  9. PUBLIC WATER SUPPLY AND SEWAGE DISPOSAL SYSTEMS
  10. PROPERTY SHOWN ON TAX MAP 46, PARCELS 190 & 295
  11. THE DEVELOPER IS ADVISED THAT THIS DEVELOPMENT MAY BE REQUIRED TO OBTAIN PERMITS FROM THE STATE OF ENGINEERS FOR ACTIVITIES IN WETLANDS (38C 404) AND A WATER QUALITY CERTIFICATION FROM THE STATE HEALTH DEPARTMENT (38C 401) PRIOR TO THE EXECUTION OF THE DEVELOPER'S AGREEMENT. THE FOLLOWING WILL BE REQUIRED:
    - A) COPY OF THE PERMITS ISSUED BY THE CORP OF ENGINEERS AND THE DEPARTMENT OF HEALTH.
    - B) A CERTIFICATION FROM THE ENGINEER THAT 38C 404 AND 38C 401 DO NOT APPLY AND THE PERMIT ARE NOT REQUIRED.
  12. THIS SUBDIVISION WAS PREVIOUSLY APPROVED ON THE FOLLOWING FILE NUMBERS:
    - F-51-22
    - F-53-25
    - F-55-72
  13. THIS SUBDIVISION IS A RESUBDIVISION OF LOTS 124 THROUGH 149 AND 150 THROUGH 152 PLUS 3.47 ac. OF PREVIOUSLY UNDEVELOPED LAND.

NOTE: NO 100 YEAR FLOOD PLAIN, WETLANDS, OR SLOPES OVER 25% EXIST WITHIN OPEN SPACE LOTS 223 & 224.



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIPS, SWALES, PITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (SURVEY) DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272.

DEVELOPER'S CERTIFICATE

"I/WE 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 THE PROJECT."

*Albert C. Beveritson* 7-14-88  
DATE

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 PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*Allen P. Kelly* 9/15/88  
DATE

REVIEWED FOR HOWARD S.C.D. AND MSBT TECHNICAL REQUIREMENTS.

*James M. Kohn* 2-3-89  
DATE

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

*Stephen J. Harker* 2/2/89  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*James P. Ryan* 2/15/89  
DATE

*Gene Wickland Peters* 2/14/89  
DATE

*Robert E. P. Ryan* 2/15/89  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*Paul J. P. Ryan* 2-28-89  
DATE

Owner/Developer:  
CHERRYTREE VENTURE  
6301 WY LANG 3.714  
GREENBELT, MD 20770  
(301) 220-1117

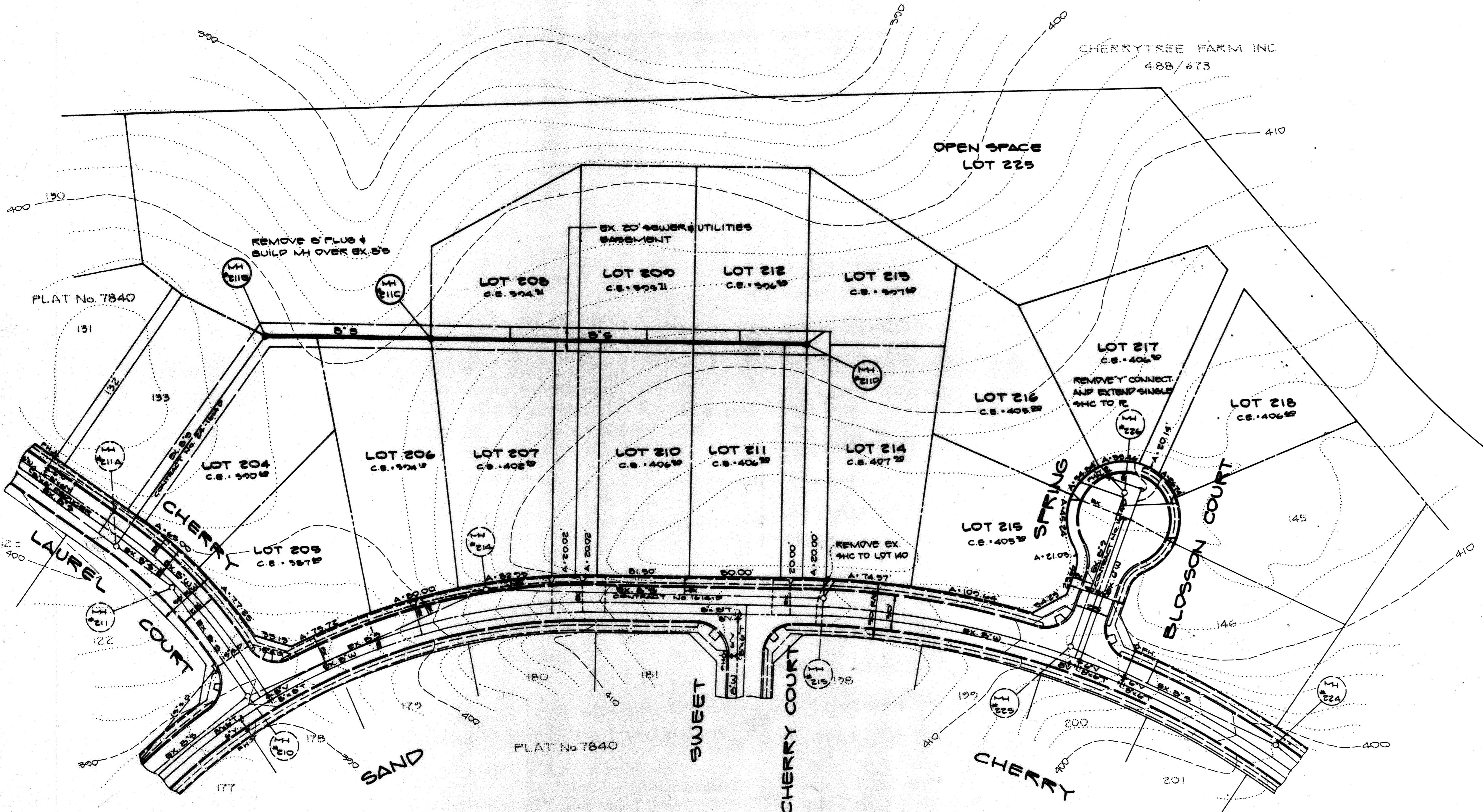
NO.	REVISIONS	DATE



**DEVELOPMENT CONSULTANTS GROUP, INC.**  
17904 GEORGIA AVENUE # 102  
OLNEY, MARYLAND 20832  
301-924-4570

STORM DRAIN PLAN  
LOTS 204-225 SECTION 1, AREA 2  
CHERRYTREE FARM  
6<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 46 PARCELS 190 & 295

DATE SEP 1988	Sheet 1 of 4
DRAWN MCH	PROJECT NO. 205-03
CHECKED L.S.	
SCALE 1"=50'	



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIPS, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, (2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION (SURVEY DIVISION) 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-1272.

DEVELOPER'S CERTIFICATE

"I/WE 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 THE PROJECT."

*Howard, Howard* 1/31/89 DATE

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 SOIL CONSERVATION DISTRICT."

*W. H. ...* 3/15/88 DATE

REVIEWED FOR HOWARD S.C.D. AND MEET TECHNICAL REQUIREMENTS.

*John M. ...* 2-3-89 DATE

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

*Stephen ...* 2/2/89 DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

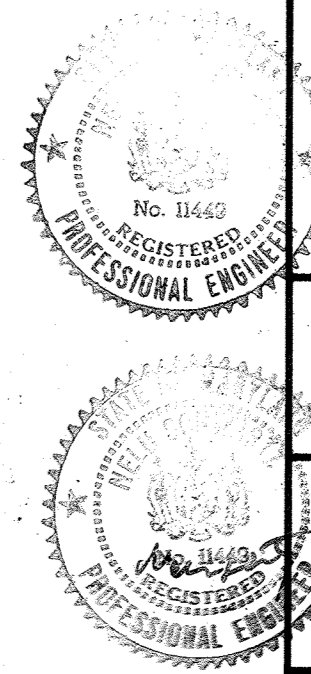
*Paul ...* 2/15/89 DATE

*W. ...* 2/14/89 DATE

*W. ...* 2/15/89 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*Martha J. ...* 2-22-89 DATE



PLAN  
SCALE: 1"=50'

1109

NO.	REVISIONS	DATE



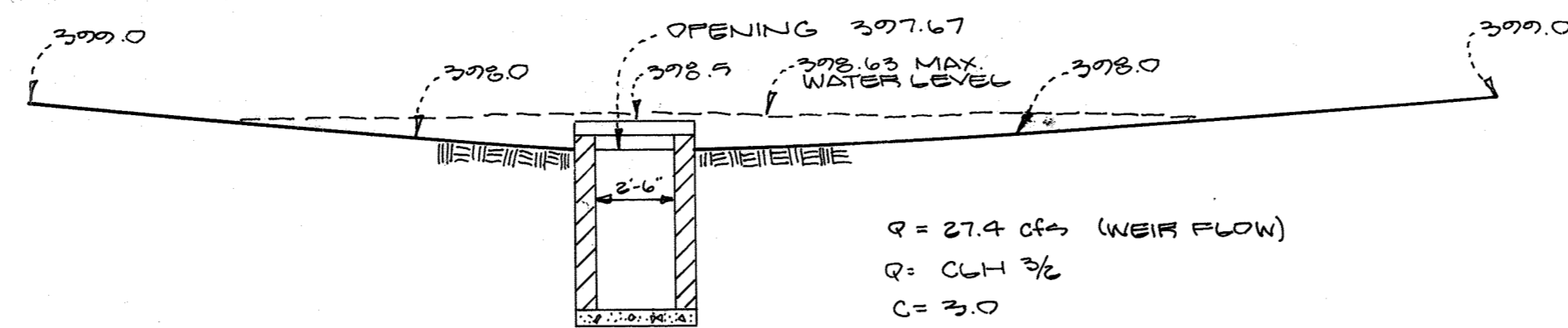
**DEVELOPMENT CONSULTANTS GROUP, INC.**  
17904 GEORGIA AVENUE # 102  
OLNEY, MARYLAND 20832  
301-924-4570

STORM DRAIN PLAN  
LOTS 204-225 SECTION 1, AREA 3  
**CHERRYTREE FARM**  
6<sup>TH</sup> ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 146 PARCEL 1004225

DATE	Sheet
SEP. 1988	2
DRAWN MAM	of 4
CHECKED H.S.	PROJECT NO. 205-03
SCALE 1"=50'	

F-89-55

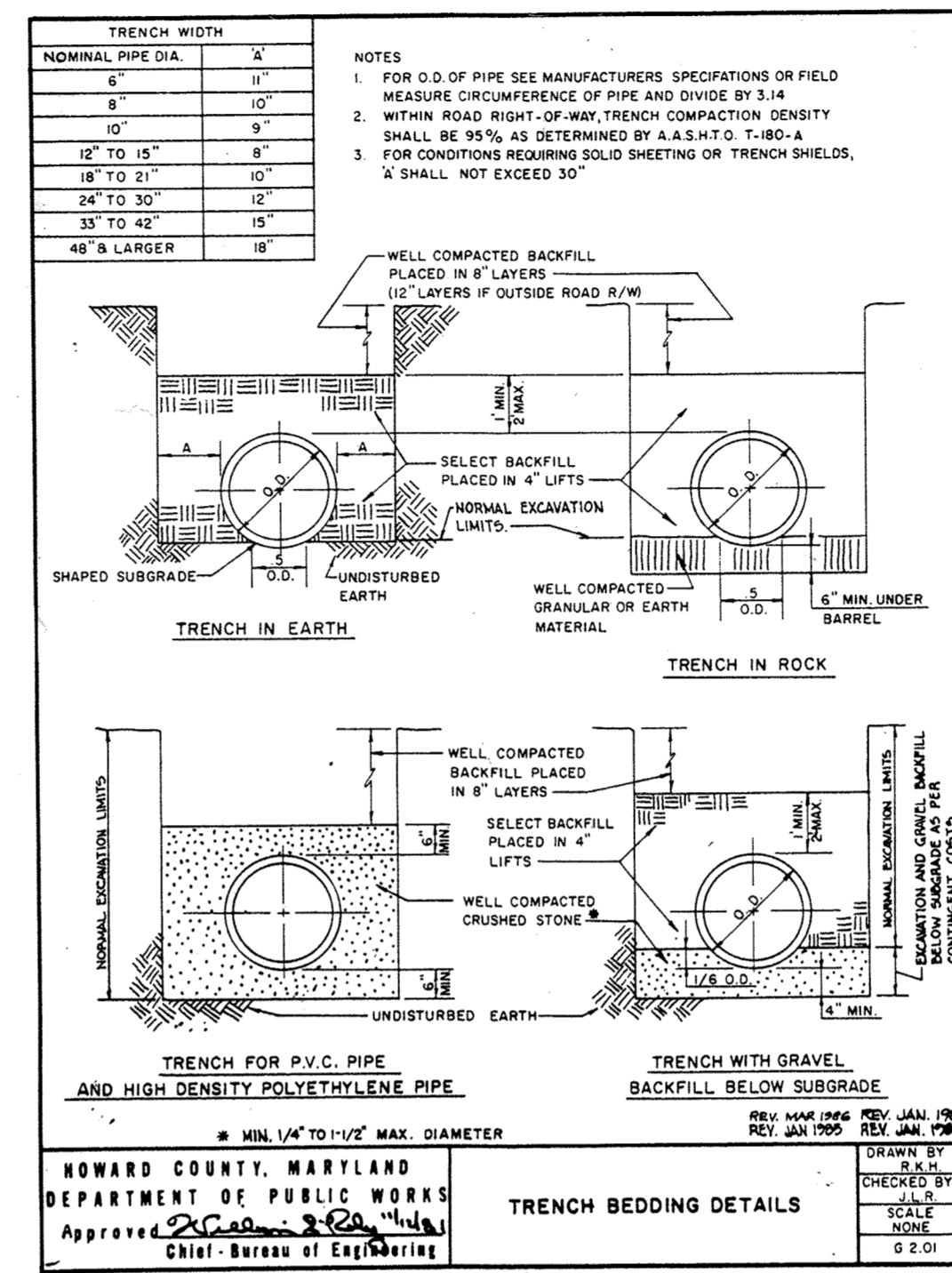
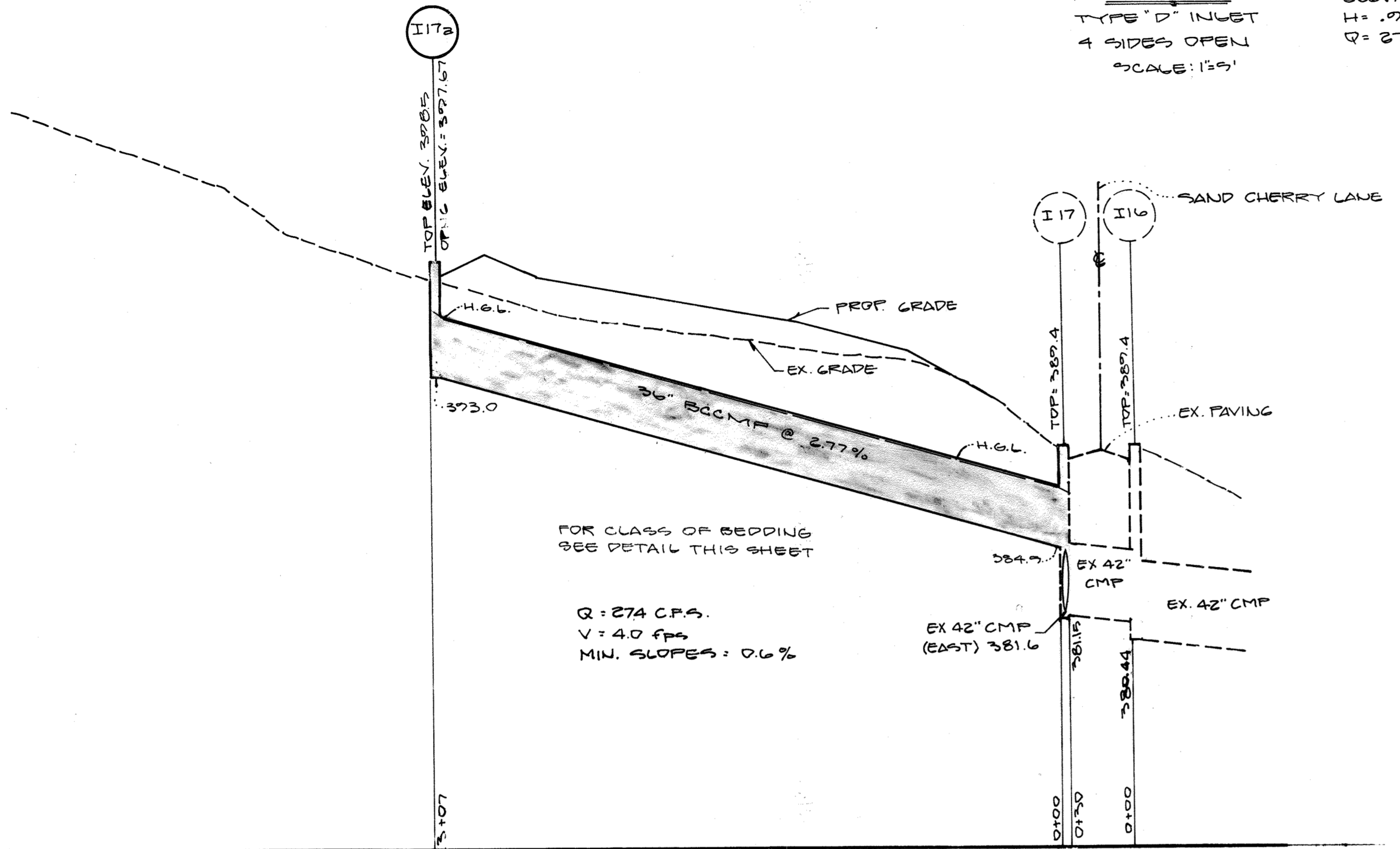
420  
415  
410  
405  
400  
395  
390  
385  
380  
375  
370



Q = 27.4 CFS (WEIR FLOW)  
Q = 0.6 H<sup>3/2</sup>  
C = 3.0  
L = 10'  
ELEV. 398.63  
H = 10.0  
Q = 27.77 > 27.4

STRUCTURE SCHEDULE						
No.	TYPE	TOP ELEVATION	UPPER OPENING	INV. ELEVATION	OUT	REMARKS
1	D	398.5	397.67	-	394.0	S.P. 4.11

PIPE SCHEDULE		
TYPE	SIZE	LENGTH
BCCMP	36"	307'



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-7272.

ENGINEER'S CERTIFICATE

"I/WE 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 THE PROJECT."

*John J. ...* 9-19-89  
DATE

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."

*John J. ...* 9/15/89  
DATE

APPROVED FOR HOWARD S.C.D. AND MEET TECHNICAL REQUIREMENTS.

*John J. ...* 2/12/87  
DATE

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

*John J. ...* 2/12/89  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*John J. ...* 2/15/89  
DATE

CHIEF, LAND DEVELOPMENT DIVISION

*John J. ...* 2/15/89  
DATE

CHIEF, BUREAU OF HIGHWAY

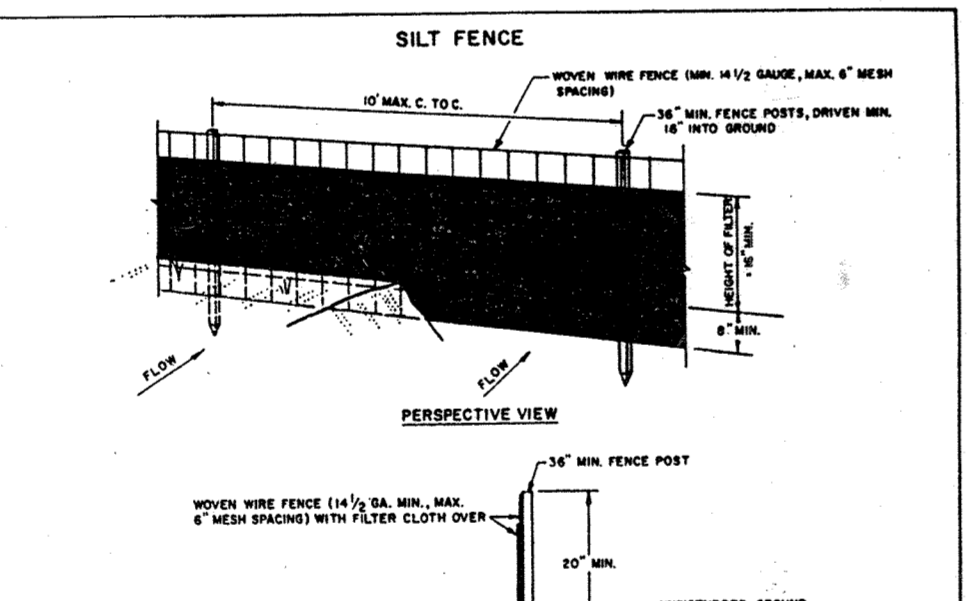
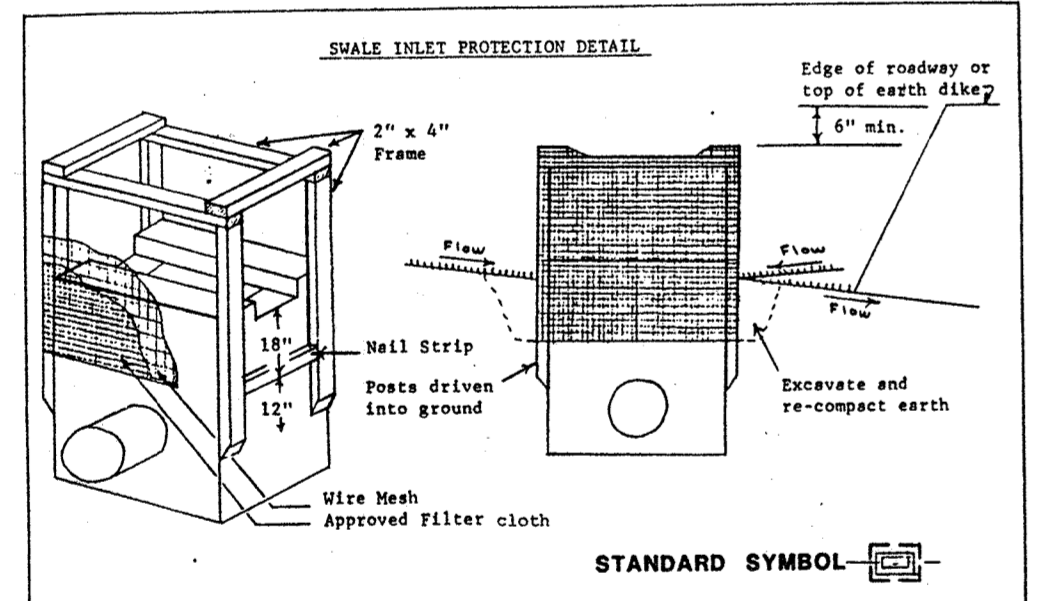
*John J. ...* 2/15/89  
DATE

CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

*John J. ...* 2-22-89  
DATE

CHIEF DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT



TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 square feet).

**Seeding:** For periods March 1 through April 30 and from August 15 through November 15, seed with 2 1/2 bushels per acre of Annual Rye (3.2 lbs./1000 square feet). For the period May 1 through August 14, seed with 3 lbs. per acre of Weeping, Bore, or Lehmanns Lowgrass (0.7 lbs./1000 square feet). For the period November 16 through February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 square feet) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 square feet) of Emulsified Asphalt on flat areas. On slopes, 8 ft. or higher, use 348 gallons per acre (8 gal./1000 square feet) for anchoring.

Refer to the 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for rate and methods not covered.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seedbed Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - apply 2 tons per acre Dolomitic Limestone (92 lbs./1000 square feet) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 square feet) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 Ureaform Fertilizer (9 lbs./1000 square feet).
- 2) Acceptable - apply 2 tons per acre Dolomitic Limestone (92 lbs./1000 square feet) and 1000 lbs. per acre 10-10-10 fertilizer (22 lbs./1000 square feet) before seeding. Harrow or disc into upper three inches of soil.

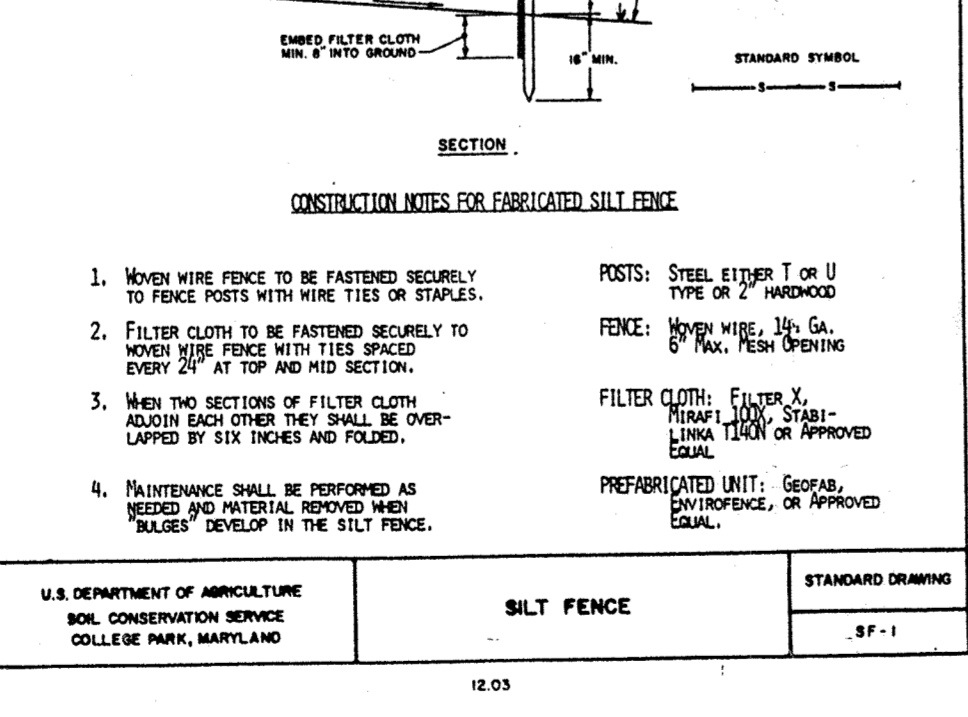
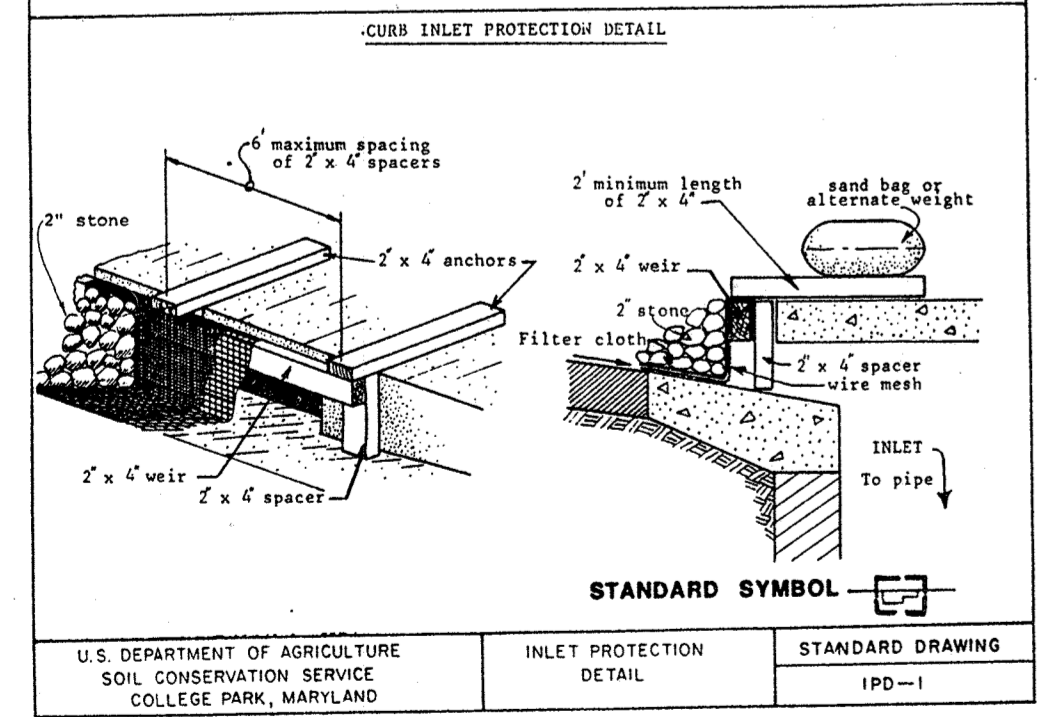
**Seeding:** For the periods March 1 through April 30, and August 1 through October 15, seed with 60 lbs. per acre (1.4 lbs./1000 square feet) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 square feet) of Weeping Lovegrass. During the period of October 16 through February 28, protect site by: option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring; option (2) use sod; option (3) seed with 60 lbs./acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 square feet) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal./1000 square feet) of Emulsified Asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 square feet) for anchoring.

**Maintenance:** Inspect all seeded area and make needed repairs, replacements and reseedings.

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. (892-2437)
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 redisturbance, 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 12, 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 seedings (Sec. 51) sod (Sec. 52), temporary seedings (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  
Area Disturbed 0.5 Acres  
Area to be paved 0.5 Acres  
Area to be vegetatively stabilized 0.5 Acres  
Total Paved Cu. Yds.  
Total Paved Cu. Yds.  
Offsite waste/borrow area location Cu. Yds.
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.



Owner/Developer:  
CHERRY TREE VENTURE  
6701 IVY LANE S714  
GREENBELT, MD 20770  
(301) 220-1117

NO.	REVISIONS	DATE

**DEVELOPMENT CONSULTANTS GROUP, INC.**

17904 GEORGIA AVENUE # 102  
OLNEY, MARYLAND 20832  
301-924-4570

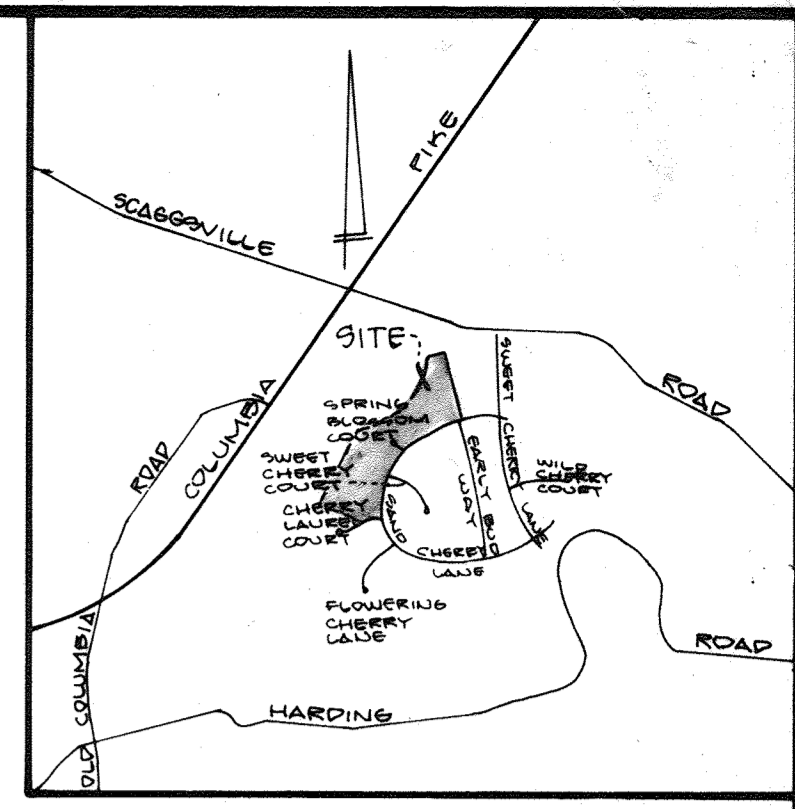
PROFILES & DETAILS  
LOTS 204-225 SECTION 1 AREA 3  
CHERRY TREE FARM  
6<sup>th</sup> ELECTION DISTRICT  
HOWARD COUNTY MARYLAND  
TAX MAP: 46 PARCELS 190 & 205

DATE	SHEET
SEP. 1988	3
FEB. 10	of 4
FEB. 89	PROJECT NO. 205-03

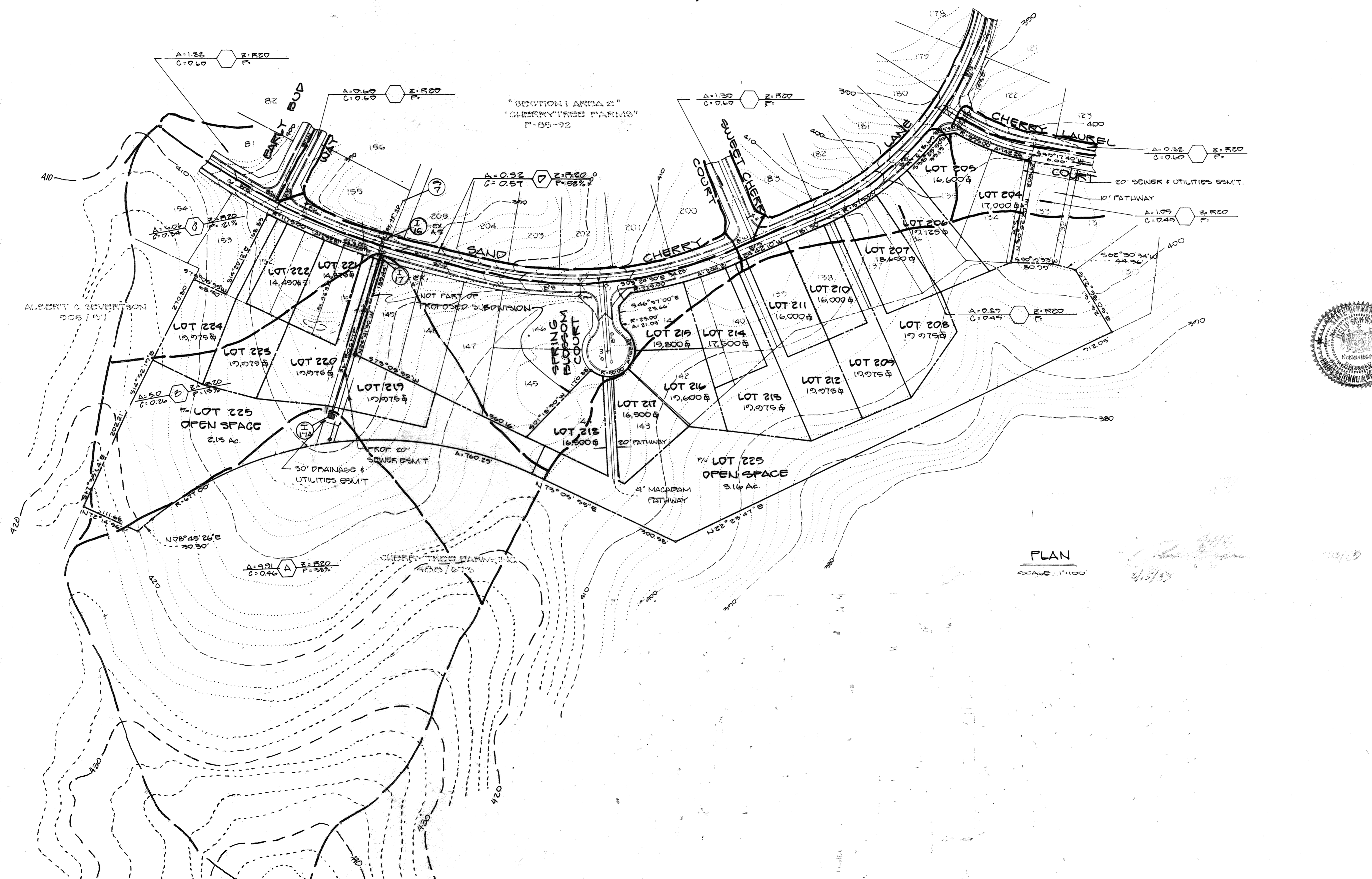
1109

THE DRAINAGE AREA IN THIS AREA WAS APPROVED IN SECTION 1, AREA 2 CHERRY TREE FARM, F-85-02

NOTE: STORM WATER MANAGEMENT FOR THIS SECTION IS ACHIEVED BY A PERMANENT S.W.M. BASIN PROVIDED AND APPROVED FOR CHERRY TREE FARM SECTION 1 AREA 2, F-85-02.



VICINITY MAP  
SCALE: 1" = 2000'



FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: 1) SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, PITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1. 2) FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON PROJECT SITE.

NOTE: THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION / SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 7:02-7272.

DEVELOPER'S CERTIFICATE

"I/WE 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 THE PROJECT."

*John E. B. [Signature]* 9-14-98  
DATE

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 PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

*John [Signature]* 9/15/98  
DATE

REVIEWED FOR HOWARD S.C.D. AND MEET TECHNICAL REQUIREMENTS.

*John [Signature]* 9-3-99  
DATE

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

*Stephen [Signature]* 9/3/99  
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Paul [Signature]* 2/15/99  
DATE

*David [Signature]* 2/14/99  
DATE

*John [Signature]* 2/15/99  
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

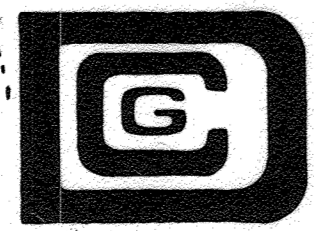
*David [Signature]* 2-14-99  
DATE



PLAN  
SCALE: 1" = 1100'

Owner/Developer:  
CHERRY TREE VENTURES  
6501 IVY LANE # 114  
GREENBELT, MD 20770  
(301) 220-1117

NO.	REVISIONS	DATE



**DEVELOPMENT CONSULTANTS GROUP, INC.**

17904 GEORGIA AVENUE # 102  
OLNEY, MARYLAND 20832  
301-924-4570

FINAL DRAINAGE STUDY  
204-225 SECTION 1 AREA 3  
**CHERRY TREE FARM**  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
TAX MAP 46, PARCEL 1004295

DATE	SHEET
MAY, 1998	4
DRAWN MAM	of 4
CHECKED MLS	PROJECT NO. 205-02
SCALE 1" = 1100'	