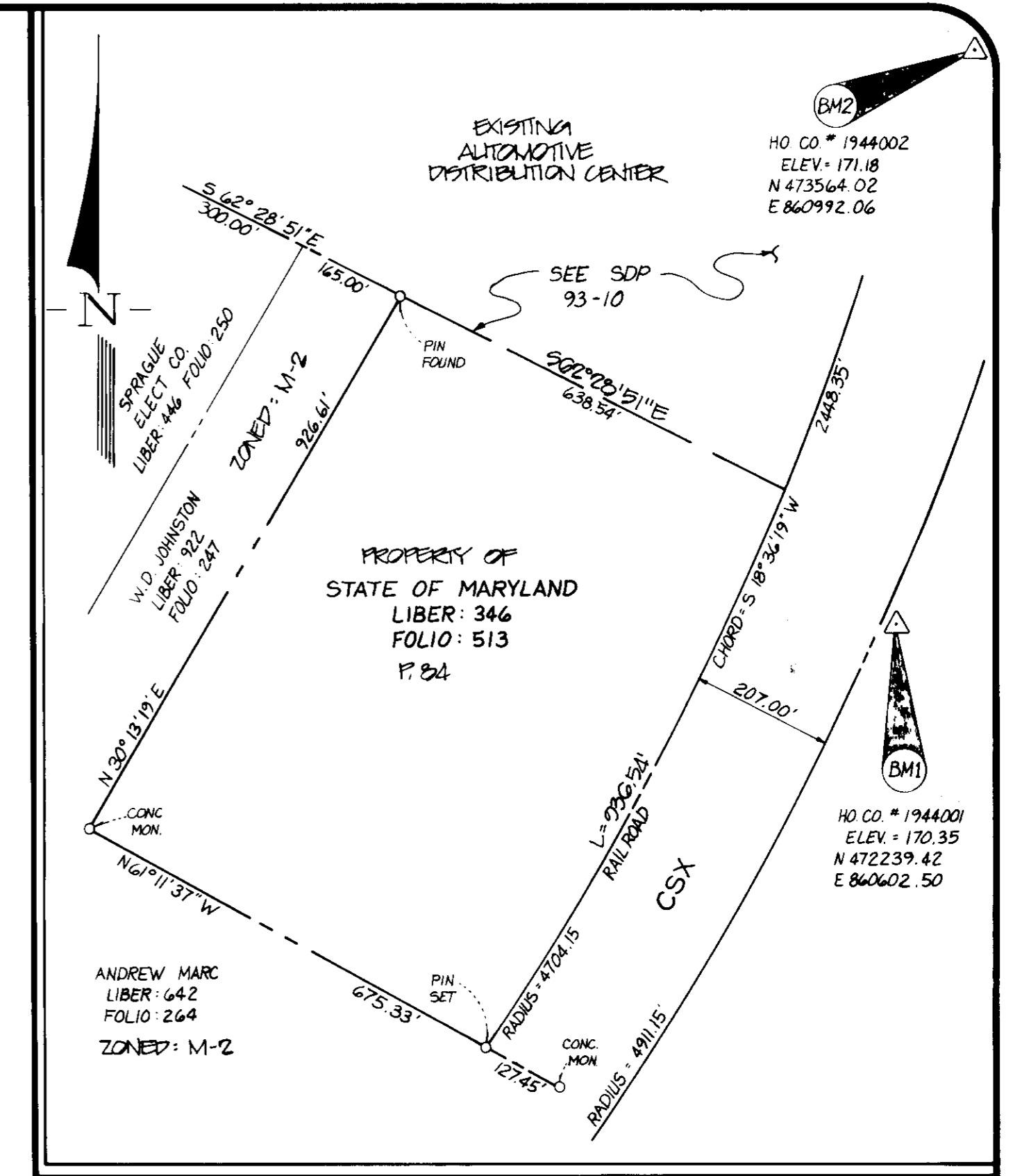


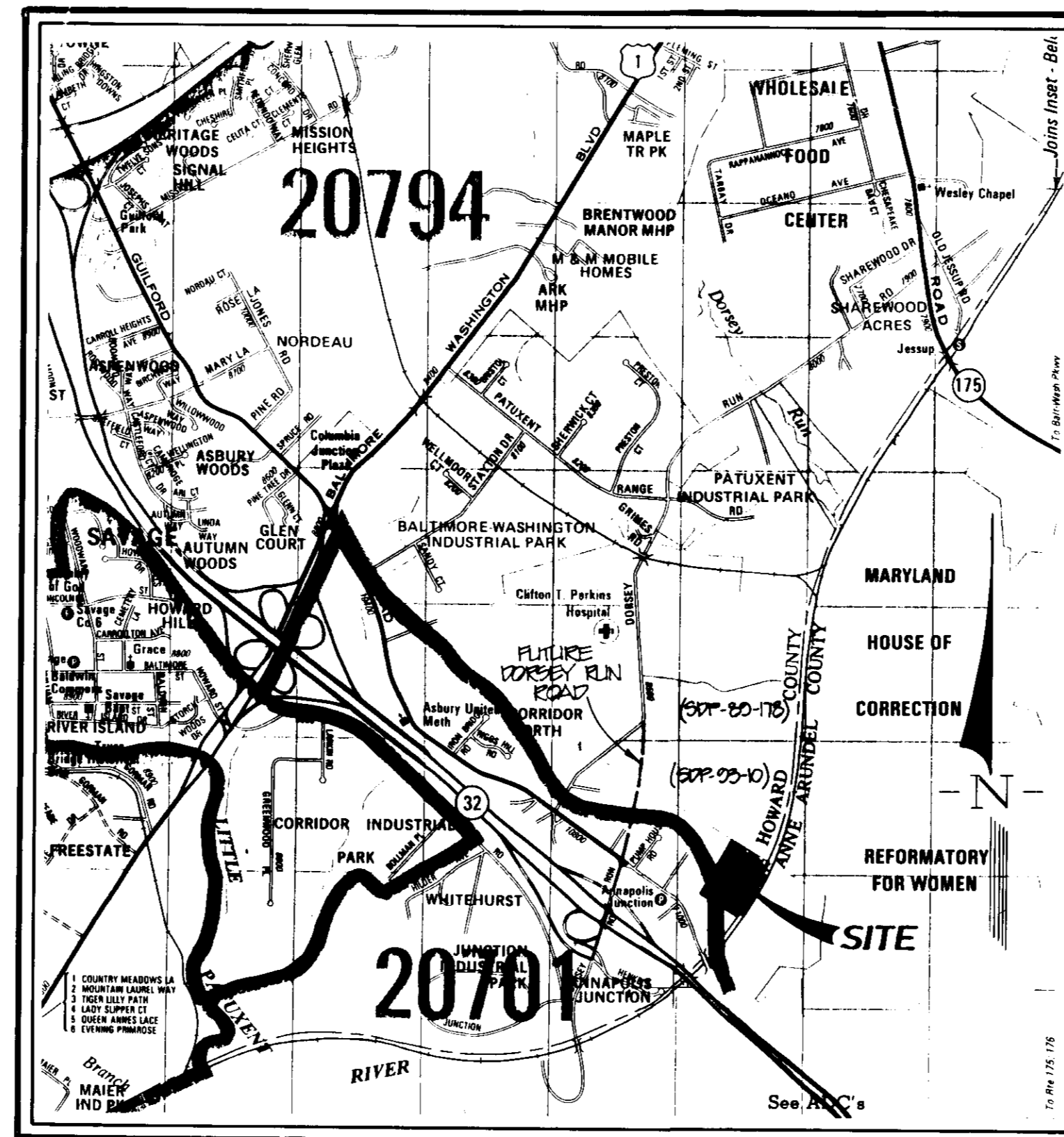
# Site Development Plan HAULAWAY FACILITY

## CSX Annapolis Junction Howard County, Maryland



LOCATION MAP  
SCALE: 1" = 200'  
BOUNDARY INFORMATION PER  
SURVEY BY WILLIAM DOYLE  
MAY 1987

Number	Elevation	Type	Location	Remarks
HW-1	Inv. = 165.00	STD. 5.21	See Plan	
HW-2	Inv. = 165.70	STD. 5.21	See Plan	
HW-3	Inv. = 174.00	STD. 5.21	See Plan	
HW-4	Inv. = 177.32	STD. 5.21	See Plan	
MH-1	Top = 181.00	STD. 5.12	See Plan	
MH-2	Top = 181.00	STD. 5.12	See Plan	
MH-3	Top = 183.00	STD. 5.12	See Plan	
I-1	TC = 177.20	STD. 4.32	See Plan	
I-2	TC = 177.10	STD. 4.32	See Plan	
I-3	TC = 175.60	STD. 4.34	See Plan	
I-4	TC = 177.00	STD. 4.34	See Plan	
SM-1	See SWM Plan			



VICINITY MAP  
SCALE: 1" = 2000'  
COPYRIGHT ADC THE MAP PEOPLE  
USED BY PERMISSION USE NO. 20792173

SHEET INDEX

SHEET NO.	TITLE
1.	CONTR. TITLE SHEET
2.	SITE DEVELOPMENT PLAN
3.	ENTRANCE DRIVE
4.	SITE DEVELOPMENT PLAN
5.	SEDIMENT CONTROL PLAN
6.	STORM DRAIN PROFILES
7.	STORMWATER MANAGEMENT DETAILS & PROFILES
8.	STORMWATER MANAGEMENT NOTES & DETAILS
9.	SEDIMENT CONTROL NOTES & DETAILS
10.	DRAINAGE AREA MAP, STORM DRAINS
11.	DRAINAGE AREA MAP, SWM

GENERAL NOTES:

- All work shall be performed in accordance with the Howard County Design Manual, Volume IV - Standard Specifications and Details for Construction and the MSHA Standards & Specifications for Construction & Materials, January 1982.
- Total area of parcel: 15.74 Ac +/-  
Total area of disturbance: 12.54 Ac +/-  
Total area to be paved: 8.26 Ac +/-
- Existing Zoning - M-2.
- Existing land use: stockpile area, woods and meadow  
Proposed land use: truck terminal and maintenance facility
- Proposed number of employees: 15
- Proposed building coverage:
  - Total square footage of building: 14,940 sq. ft.
  - Total area of canopies: 4,160 sq. ft.
  - Total area of building & canopies: 19,100 sq. ft.
  - Percentage of building coverage: 2.8%
- Parking data:
  - Total number of parking spaces required: 1 space/1,000 sq. ft. of bldg. = 14,940/1,000 = 15
  - 1 space/truck x 90 parking spaces = 90
  - Total number of spaces required = 105 spaces
  - Total number of parking spaces provided = 109 spaces
- The contractor shall notify the Department of Public Works/Bureau of Construction Inspection at (410)313-1880 at least (5) working days prior to the start of work.
- The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
- There are no floodplains or wetlands within the limits of this submission.
- Appropriate location of existing utilities are shown from best available information. The contractor shall verify exact location and elevation prior to starting construction. The contractor shall notify the Engineer immediately if the location of utilities are other than shown on these plans. Any damage incurred to the existing utilities due to the contractor's operations shall be repaired immediately at the contractor's expense.
- Existing grades indicated on this Site Development Plan were prepared from Topographic Surveys performed by others.
- Refer to SDP-93-10 for phase two construction of the Automotive Distribution Center.

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project will have a certificate of attendance at a Department of the Environment 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.

*John MacGregor*, vice president 3/16/94  
Signature of Developer Date

ENGINEER'S CERTIFICATE

I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my professional knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard County Soil Conservation District.

*John MacGregor* 7/1/94  
Signature of Engineer Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

*James S. Smith* 8/24/94  
Signature Date

*Jim Strumman* 8/26/94  
Signature Date

APPROVED: THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

*Robert W. Zielhuis* 8/12/94  
Signature Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS

*James A. Ho* 8/26/94  
Signature Date

*Charles J. Sapan* 8/25/94  
Signature Date

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS

*NA* NA  
Signature Date

*NA* NA  
Signature Date

ENGINEER'S CERTIFICATE

I certify this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the Developer that he must provide the Howard Soil Conservation District with an "As-Built" plan of the pond within 30 days of completion.

*John MacGregor* 7/1/94  
Signature Date

DEVELOPER'S CERTIFICATE

I hereby certify that all development and/or construction will be done according to these plans, 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. I will provide the Howard Soil Conservation District with an "As-Built" plan of the pond within 30 days of completion.

*John MacGregor*, vice president 3/16/94  
Signature of Developer Date

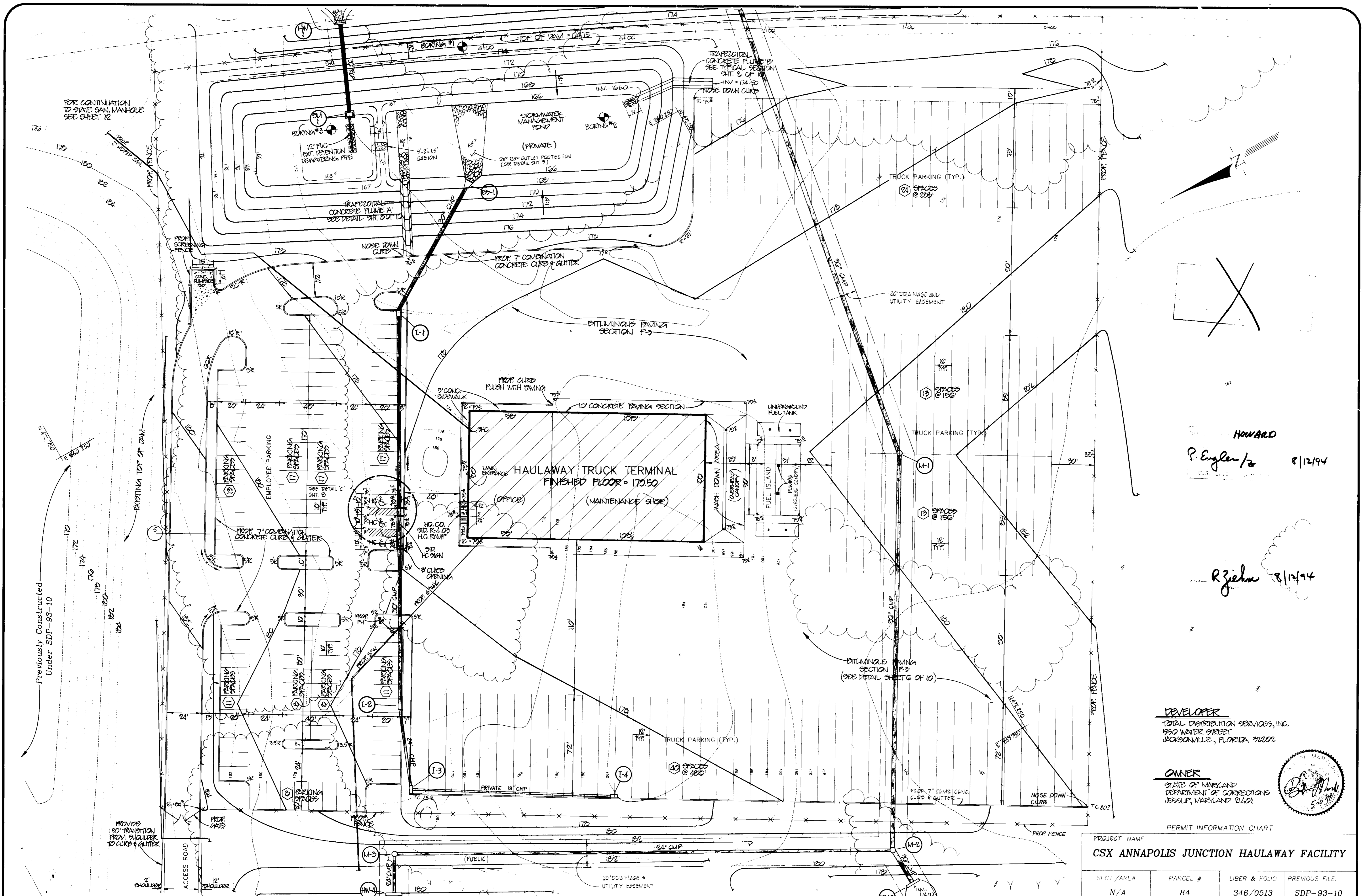
PARCEL NUMBER		ADDRESS CHART			
P 024		STREET ADDRESS			
P 024		8275 DORSEY RUN ROAD			
PERMIT INFORMATION CHART					
PROJECT NAME					
CSX ANNAPOLIS JUNCTION HAULAWAY FACILITY					
SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:		
N/A	024	246/0513	897-03-10		
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
N/A	14/15	M-2	40	G1H	G00201
WATER CODE		SEWER CODE			
002		N/A			
SCALE:		DATE:			
AS SHOWN		MARCH 14, 1994			

Project	94008-00	Date	3/14/94
Illustrator	MMS	Engineering	JBM
Scale	AS SHOWN	Approval	AS SHOWN

Address	COUNTY COMMISSIONERS	Date	3/16/94
Description	PERMIT TO CONSTRUCT	Date	3/16/94
Revisions			

CSX ANNAPOLIS JUNCTION  
HAULAWAY FACILITY  
ELECTION DISTRICT No. G  
HOWARD COUNTY, MARYLAND  
SITE DEVELOPMENT PLAN

MILDENBERG, MOCHI & ASSOCIATES, INC.  
ENGINEERS - ARCHITECTS - PLANNERS  
3300 North Ridge Road, Suite 100, Columbia, MD 21043-3350  
(410) 461-0078 Fax: (410) 521-5765



HOWARD  
 P. Engler / z 8/12/94

R. Zeln 8/12/94

**DEVELOPER**  
 TOTAL DISTRIBUTION SERVICES, INC.  
 350 WATER STREET  
 JACKSONVILLE, FLORIDA 32202

**OWNER**  
 STATE OF MARYLAND  
 DEPARTMENT OF CORRECTIONS  
 JESSUP, MARYLAND 21081



PERMIT INFORMATION CHART

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:		
N/A	84	346/0513	SDP-93-10		
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
N/A	14/15	M-2	48	6th	606901
WATER CODE	SEWER CODE		N/A		
B02	N/A		N/A		
SCALE:	DATE:		March 14, 1994		
1" = 30'			SDP-94-05		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*J. R. Smith* 8/26/94  
 DIRECTOR DATE  
*Jim J. Williams* 8/26/94  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
*James J. Lew* 8/25/94  
 DIRECTOR DATE  
*William J. Johnson* 8/25/94  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS  
 N/A  
 COUNTY HEALTH OFFICER DATE

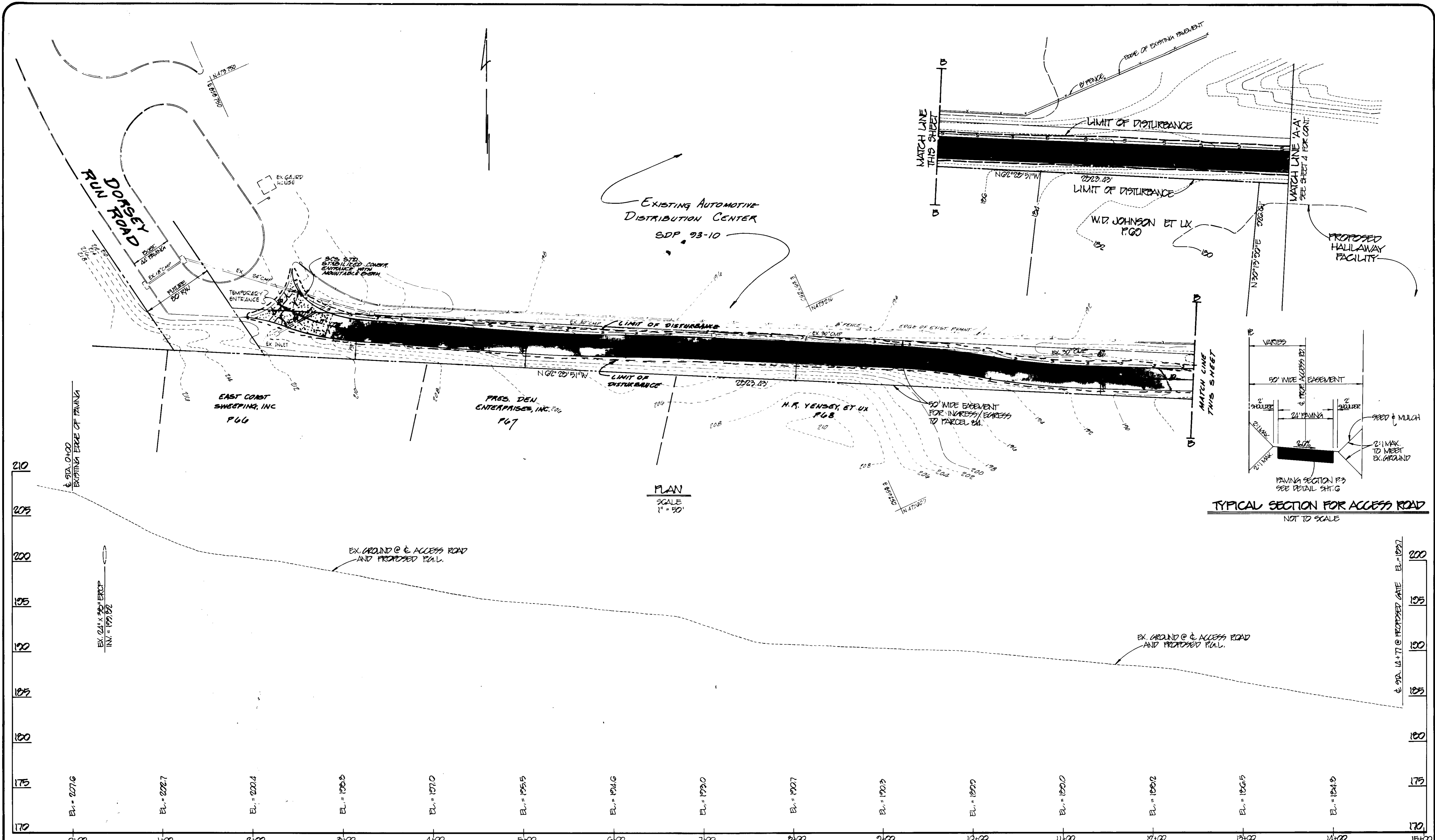
PROJECT: SDP 94009-00 9/14/94  
 ILLUSTRATION: engineering  
 DATE: 9/12/94  
 SCALE: 1" = 30'  
 DRAWN BY: RJM

REVISION: 2  
 REVISION: ADDRESS QUALITY CONTROL  
 DATE: 9/12/94  
 DRAWN BY: RJM

CSX ANNAPOLIS JUNCTION  
**HAULWAY FACILITY**  
 ELECTION DISTRICT No. 6  
 HOWARD COUNTY, MARYLAND  
 SITE DEVELOPMENT PLAN

**MILDENBERG MOCH & ASSOCIATES, INC.**  
 ENGINEERS • ARCHITECTS • PLANNERS  
 5300 North Ridge Road, Suite 235, Ellicott City, Maryland, 21041-1157  
 Tel: (410) 461-0777 Fax: (410) 461-0768 or (410) 751-6348





PROFILE  
SCALE  
VERT. 1" = 5'  
HORIZ. 1" = 50'



**OWNER**  
STATE OF MARYLAND  
DEPARTMENT OF CORRECTIONS  
JESSUP, MARYLAND 21001

**DEVELOPER**  
TOTAL DISTRIBUTION SERVICES, INC.  
950 WATER STREET  
JACKSONVILLE, FLORIDA 32202

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
*Robert M. Johnson*  
DIRECTOR  
DATE: 8/25/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*Quinn Summaniv*  
DIRECTOR  
DATE: 8/26/94

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT  
FOR PUBLIC WATER & SEWERAGE SYSTEMS  
N.A.  
COUNTY HEALTH OFFICER  
DATE

PERMIT INFORMATION CHART

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA N/A	PARCEL # 2A	LIBER & FOLIO 349/0513	PREVIOUS FILE: SDP-93-10		
PLAT No. N/A	BLOCK No. 14/15	ZONE M-2	TAX MAP AB	ELEC. DIST. GTR	CENSUS G00201
WATER CODE 002			SEWER CODE N/A		
SCALE: AS SHOWN			DATE: MARCH 14, 1994		

DATE	APPROVAL
MAR '94	AP SHANN
PROJECT	NO. 1000
DESIGNER	JFK
CHECKER	JFK
DATE	APR 1994

DATE	APPROVAL
3/26/94	AP SHANN
PROJECT	NO. 1000
DESIGNER	JFK
CHECKER	JFK
DATE	APR 1994

CSX ANNAPOLIS JUNCTION  
**HAULWAY FACILITY**  
ELECTION DISTRICT No. 6  
HOWARD COUNTY, MARYLAND  
**ENTRANCE DRIVEWAY**

**MILDBERG**  
**MOH & ASSOCIATES, INC.**  
ENGINEERS & SURVEYORS & PLANNERS  
3300 North Ridge Road, Suite 235, Elberton, Maryland 21043-3350  
D.C. Metro (301) 821-5788

SCHEDULE B  
PARKING LOT INTERNAL LANDSCAPING

Number of Parking Spaces	109 SPACES
Number of Trees Required	101 / 20 = 6 TREES
Number of Trees Provided	12
Shade Trees	0
Other Trees (2:1 substitution)	0

Approved for HOWARD  
P. Engler 8/12/94  
U.S. Soil Conservation Service

TREE SCHEDULE

BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SYMBOL	QUANTITY
ACER SACCHARUM	SUGAR MAPLE	2 1/2" CAL.	B&B	(Symbol)	7
ACER RUBRUM	SUNSET RED MAPLE	2 1/2" CAL.	"	(Symbol)	6
PINUS STROBUS	WHITE PINE	6'-8" HT.	"	(Symbol)	25
PICEA ADIES	NORWAY SPRUCE	6'-8" HT.	"	(Symbol)	11

SCHEDULE A  
PERIMETER LANDSCAPE EDGE

Category	Adjacent to Roadways	Adjacent to Perimeter Properties			
		A1	A2	A3	A4
Linear Feet of Roadway Frontage/Perimeter		927	675	937	630
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)		0/5	175	300	100
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)		-	-	-	-
Number of Plants Required		2	9	11	9
Shade Trees					
Evergreen Trees					
Shrubs					
Number of Plants Provided		15	7	14	9
Shade Trees					
Evergreen Trees					
Other Trees (2:1 substitution)					
Shrubs (10:1 substitution) (Describe plant substitution credits below if needed)					

DEVELOPER

TOTAL DISTRIBUTION SERVICES, INC.  
550 WATER STREET  
JACKSONVILLE, FL 32202

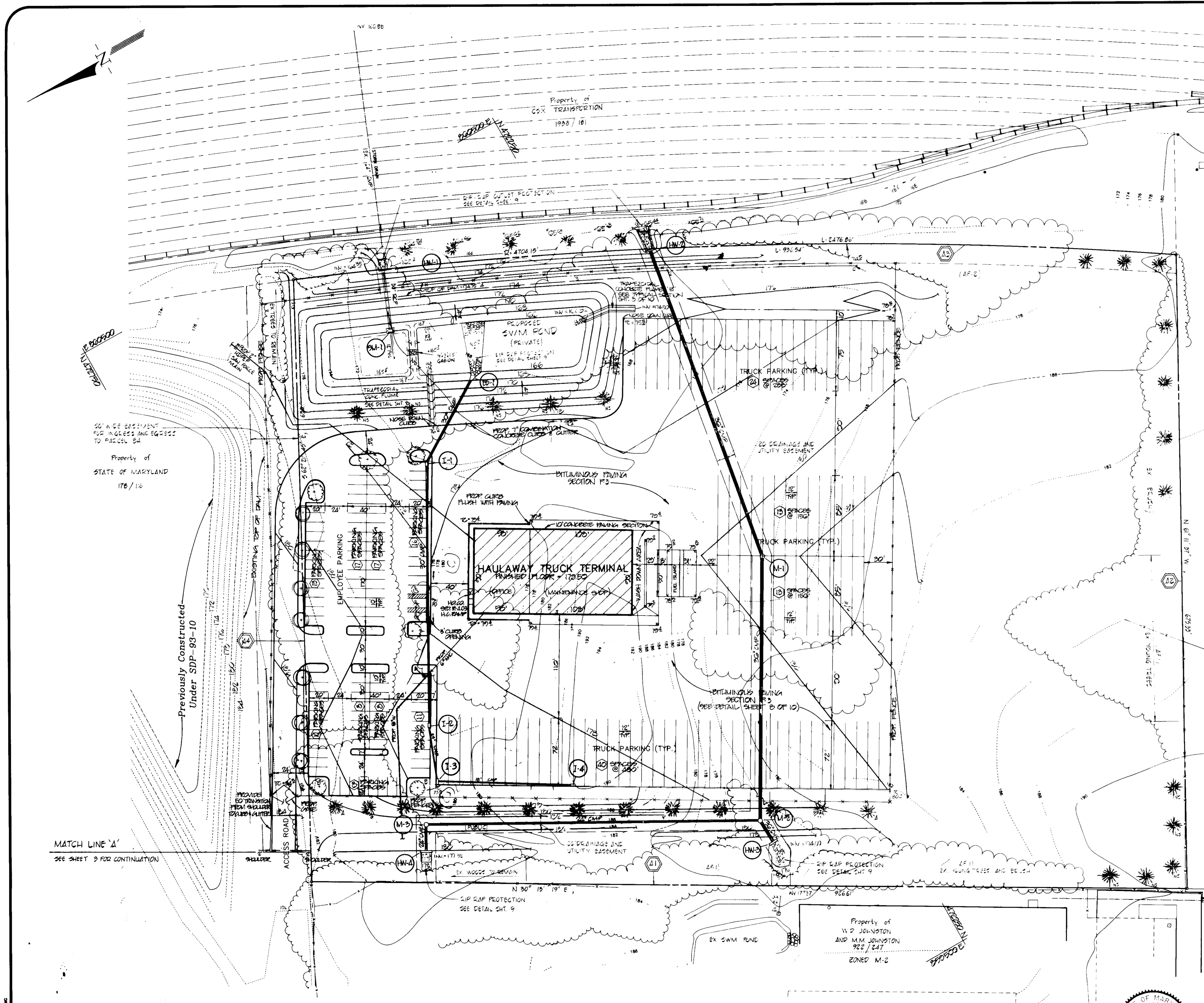
OWNER

STATE OF MARYLAND  
DEPT. OF CORRECTIONS  
JESSUP, MD 21401

PERMIT INFORMATION CHART

PROJECT NAME  
**CSX ANNAPOLIS JUNCTION HAULWAY FACILITY**

SECT./AREA	PARCEL #	LIBER & FOLIO	PREVIOUS FILE:		
N/A	84	346/0513	SDP-93-10		
PLAT No.	BLOCK No.	ZONE	TAX MAP	ELEC. DIST.	CENSUS
N/A	14/15	M-2	48	6th	606901
WATER CODE	SEWER CODE				
B02	N/A				
SCALE:	DATE:				
1" = 50'	March 14, 1994				



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*James J. Smith* 8/26/94  
 DIRECTOR

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
*James J. Smith* 8/25/94  
 DIRECTOR

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT  
 FOR PUBLIC WATER & SEWERAGE SYSTEMS  
 N/A  
 COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
*James J. Smith* 8/25/94  
 DIRECTOR

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT  
 FOR PUBLIC WATER & SEWERAGE SYSTEMS  
 N/A  
 COUNTY HEALTH OFFICER

LANDSCAPING NOTES:

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscaping Manual.
- Financial surety for the required landscaping has been posted as part of the Department of Public Works Developer's Agreement in the amount of \$3,700.00.



PROJECT: 94009-00 3/14/94  
 ILLUSTRATION: DLF JBM  
 SCALE: 1" = 50'

7/19/94 2/23/94  
 REVISIONS: 2. REVISED PARKING BAYS TO 72. ADJUSTED QUANTITY ACCORDINGLY.  
 DATE: 7/19/94 2/23/94

CSX ANNAPOLIS JUNCTION  
**HAULWAY FACILITY**  
 ELECTION DISTRICT No. 6  
 HOWARD COUNTY, MARYLAND  
**LANDSCAPING & SITE DEVELOPMENT PLAN**

MILDENBERG MOCHI & ASSOCIATES, INC.  
 ENGINEERS - SURVEYORS - PLANNERS  
 3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350  
 (410) 461-0078 D.C. Metro: (301) 927-5768 Fax: (410) 750-6340

4 OF 11



**PROPOSED SEDIMENT BASIN**  
 DRAINAGE AREA: 0.75 AC.  
 VOL. OF STORAGE PROVIDED: 0.75 x 67 = 506 CU.YDS.  
 VOL. OF STORAGE PROVIDED: 0.73 CU.YDS. @ ELEV. 168.00'  
 VOL. OF BASIN @ CLEANOUT: 0.73 x 27 = 236 CU.YDS.  
 CLEANOUT ELEV.: 167.1'  
 DIST. BELOW WATER CREST: 0.9'  
 @ 0.01 FEET

NOTE:  
 SEE STORMWATER MANAGEMENT  
 DRAINAGE AREA MAP FOR  
 OFF-SITE DRAINAGE.

R. Zickler 8/12/94  
 Howard S.C.U.

Reviewed for **HOWARD**  
 Signature: P. Engler  
 Date: 8/12/94  
 U.S. Soil Conservation Service

**DEVELOPER**  
 TOTAL DISTRIBUTION SERVICES, INC.  
 950 WATER STREET  
 JACKSONVILLE, FLORIDA 32202

**OWNER**  
 STATE OF MARYLAND  
 DEPARTMENT OF CORRECTIONS  
 JESSUP, MARYLAND 21041



PERMIT INFORMATION CHART

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA N/A	PARCEL # 84	LIBER & FOLIO 346/0513	PREVIOUS FILE: SDP-93-10		
PLAT No. N/A	BLOCK No. 14/15	ZONE M-2	TAX MAP 48	ELEC. DIST. 6th	CENSUS 606901
WATER CODE B02		SEWER CODE N/A			
SCALE: 1" = 50'			DATE: March 14, 1994		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Signature: Joseph R. Smith  
 DATE: 8/26/94  
 DIRECTOR  
 Date: 8/26/94  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
 Signature: James P. Chew  
 DATE: 8/26/94  
 DIRECTOR  
 Signature: Keith Sisson  
 DATE: 8/26/94  
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT  
 FOR PUBLIC WATER & SEWERAGE SYSTEMS  
 Signature: N/A  
 COUNTY HEALTH OFFICER  
 DATE

DATE	3/14/94
PROJECT	84008-00
DESCRIPTION	HAULWAY FACILITY
DESIGNED BY	MM
CHECKED BY	MM
DATE	7/19/94
DESCRIPTION	REVISED PARKING BAYS TO 72
DATE	5/23/94
DESCRIPTION	ADJUSTED COUNTY COMMENTS
DATE	1
DESCRIPTION	1
DATE	2
DESCRIPTION	2

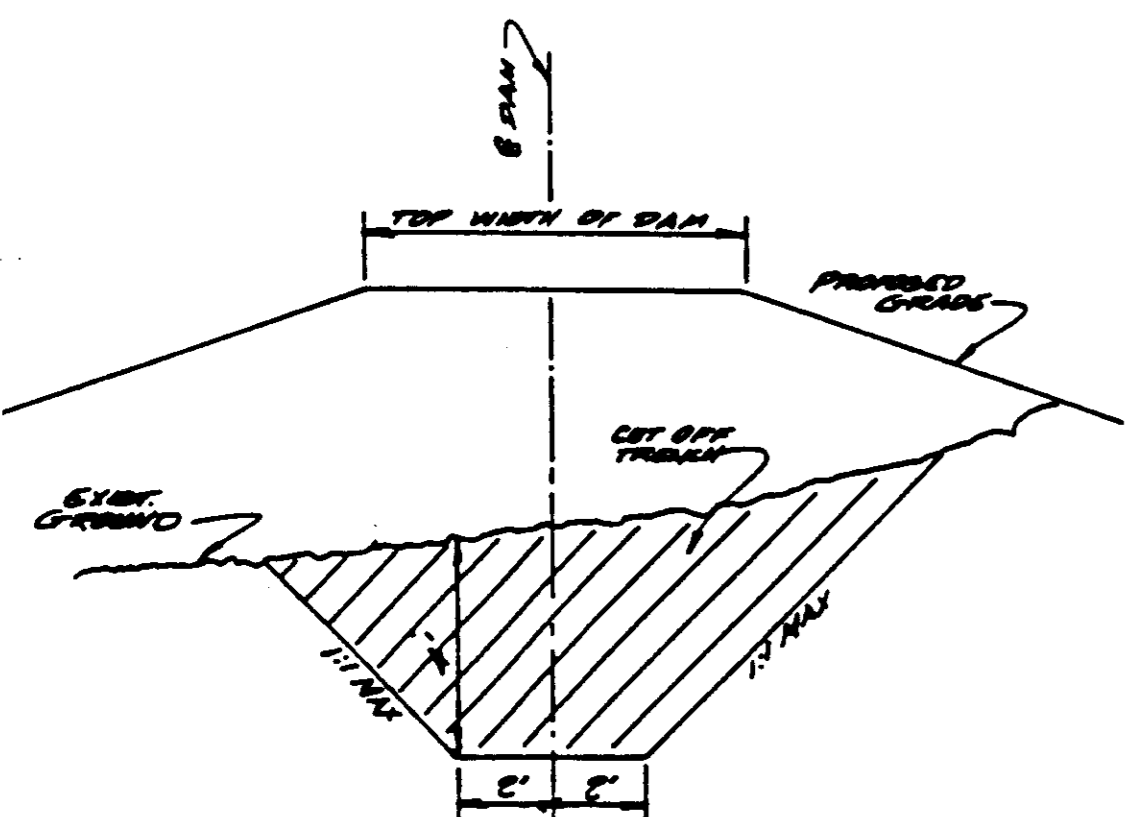
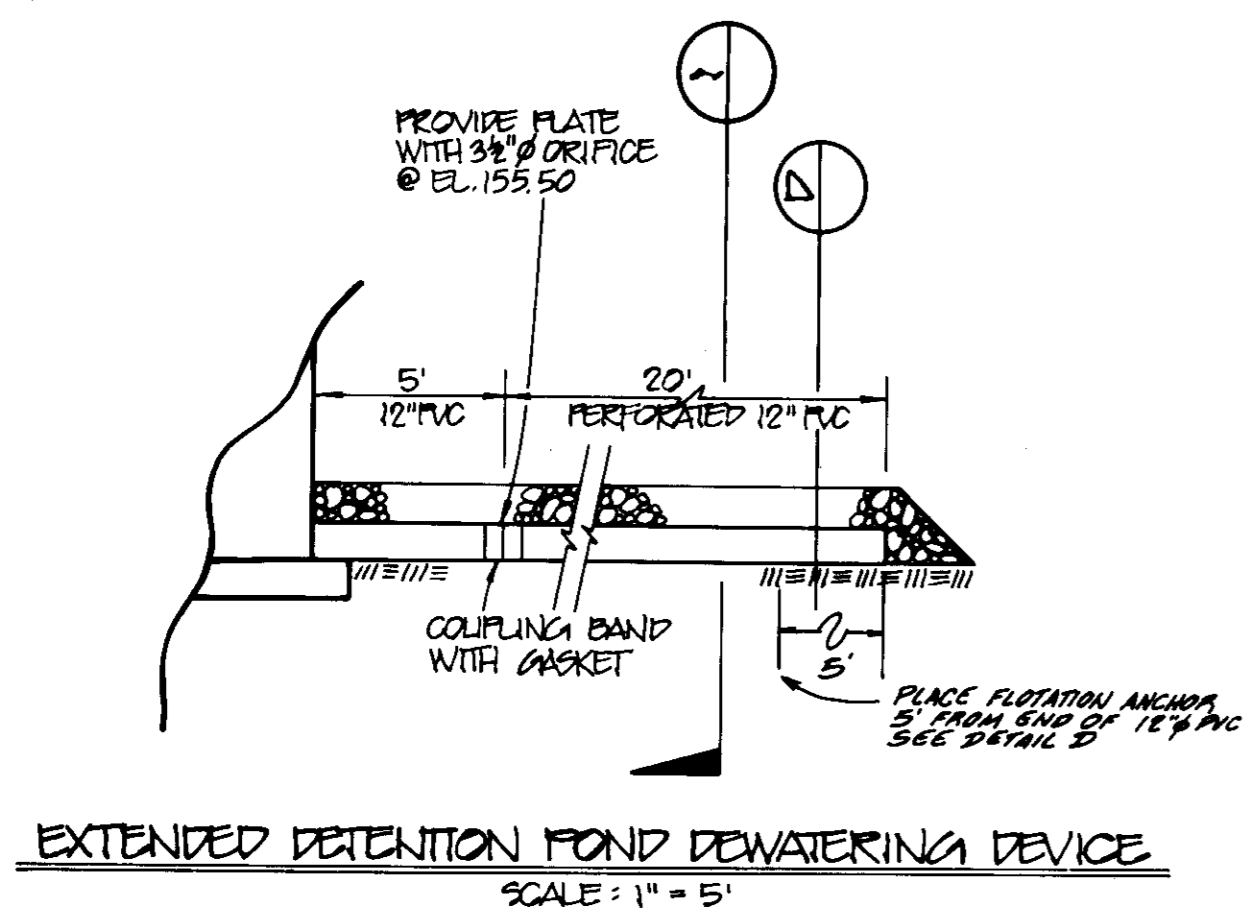
DATE	7/19/94
DESCRIPTION	REVISED PARKING BAYS TO 72
DATE	5/23/94
DESCRIPTION	ADJUSTED COUNTY COMMENTS
DATE	1
DESCRIPTION	1
DATE	2
DESCRIPTION	2

CSX ANNAPOLIS JUNCTION  
**HAULWAY FACILITY**  
 ELECTION DISTRICT No. 6  
 HOWARD COUNTY, MARYLAND  
 SEDIMENT CONTROL PLAN

**MILDBERG MOCH & ASSOCIATES, INC.**  
 ENGINEERS - ARCHITECTS - PLANNERS  
 3300 North Ridge Road, Suite 215, Ellicott City, Maryland 21043-3550  
 (410) 461-0078 D.C. Metro: (301) 687-5788 Fax: (410) 790-6340

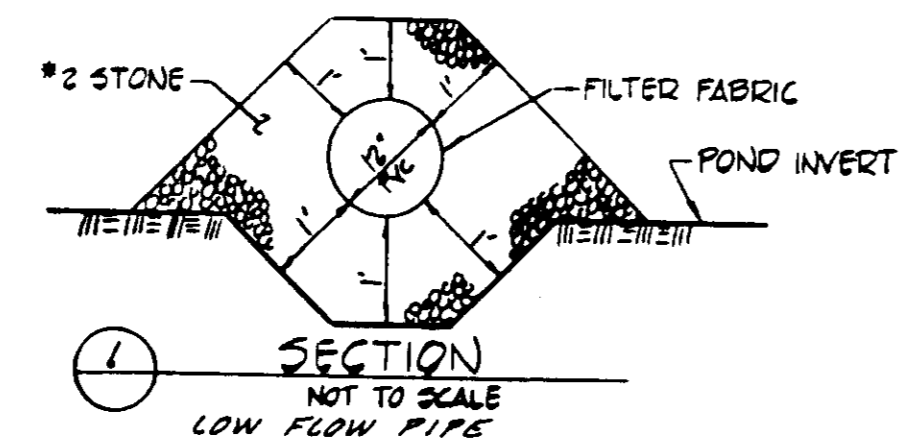




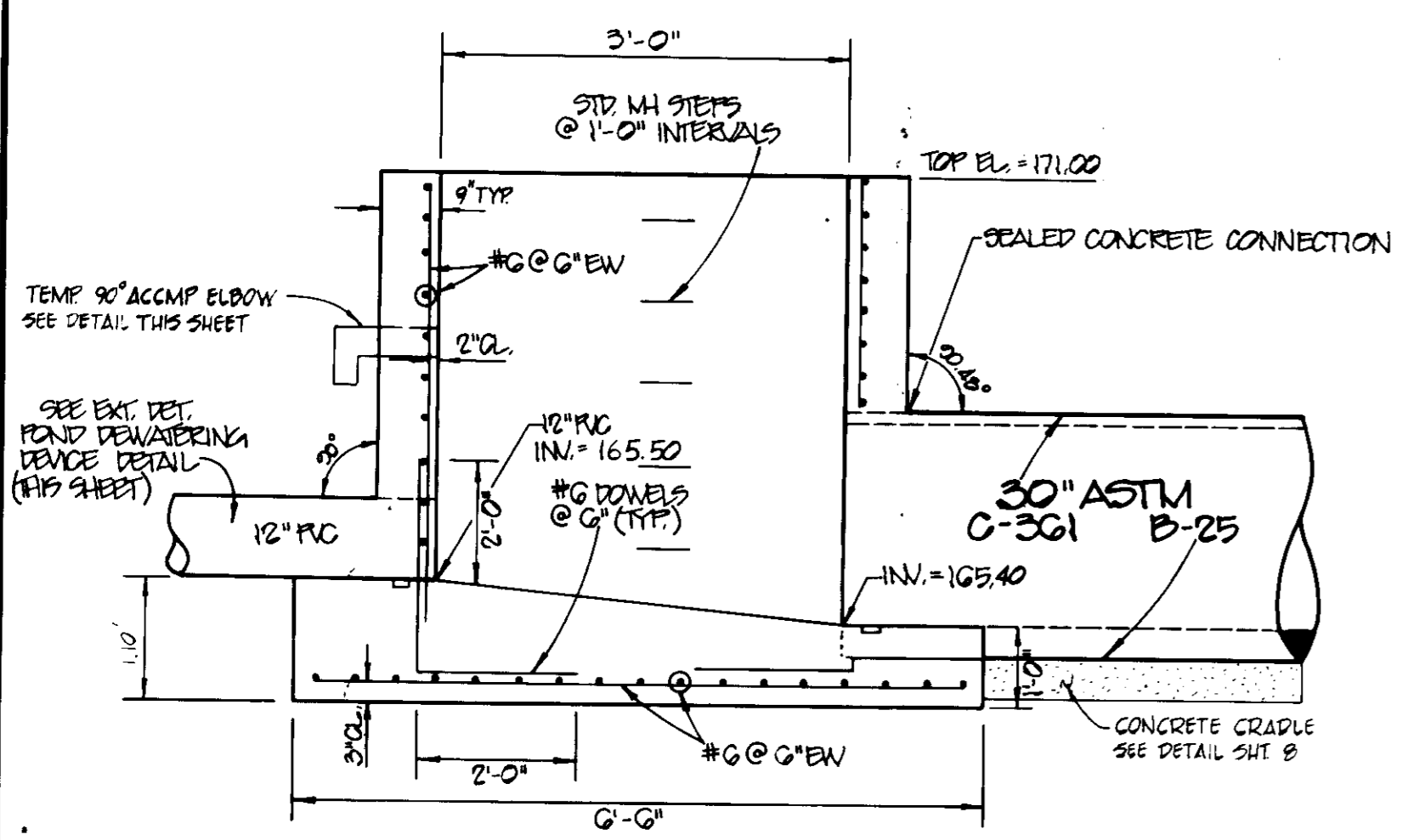


**CUT OFF TRENCH DETAIL**  
NOT TO SCALE

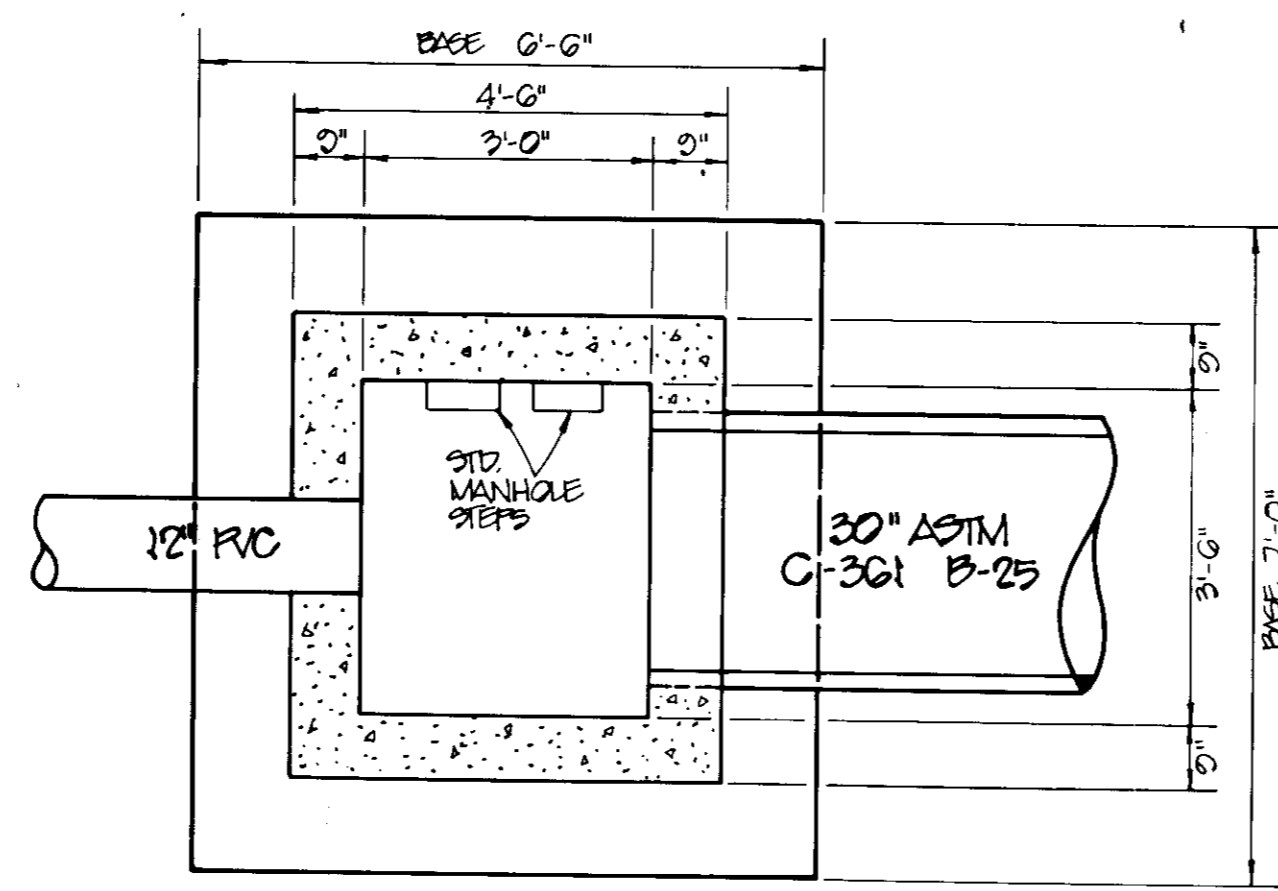
- NOTES:**
- Center of impervious fill on centerline of dam.
  - Impervious fill shall meet U.S. Classification CL or SC.
  - Compact to 95% of AASHTO T-100 density.
  - Side slopes shall be 1 to 1 (1:1) or flatter.
  - Trench shall extend along centerline of fill to minimum depth of 4 feet below existing grade.
  - Cutoff trench to extend 4 feet below all pipes structures, etc.



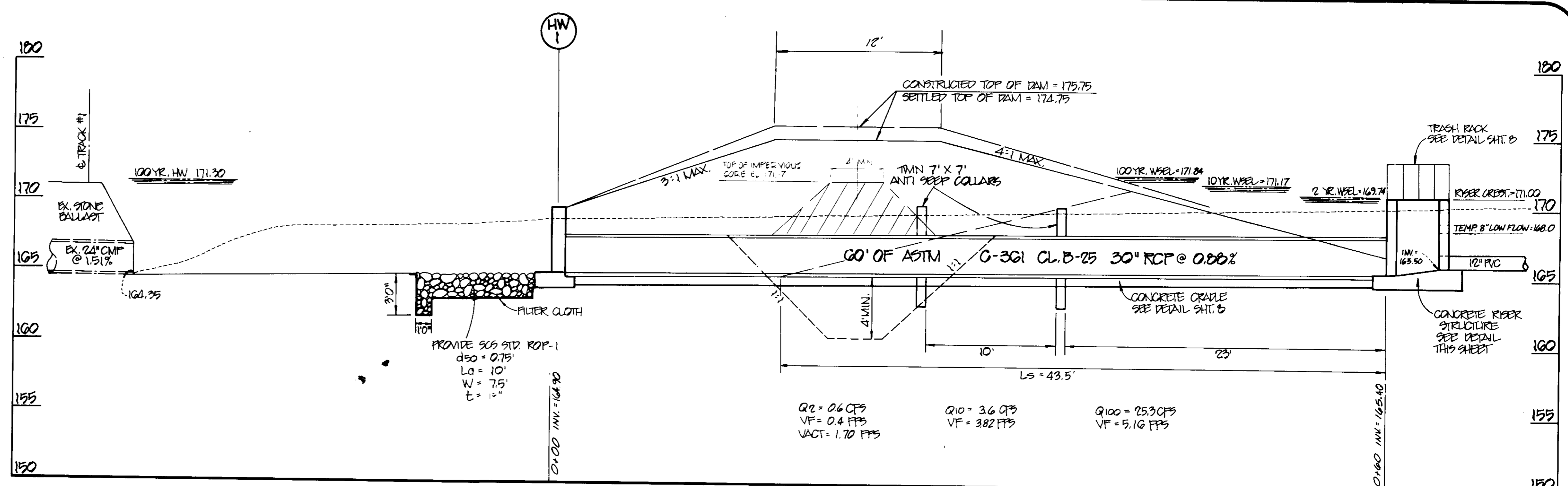
**SECTION**  
NOT TO SCALE  
LOW FLOW PIPE



**PROFILE**  
(BUILD IN PLACE)  
**CONCRETE RISER STRUCTURE DETAILS**  
NOT TO SCALE



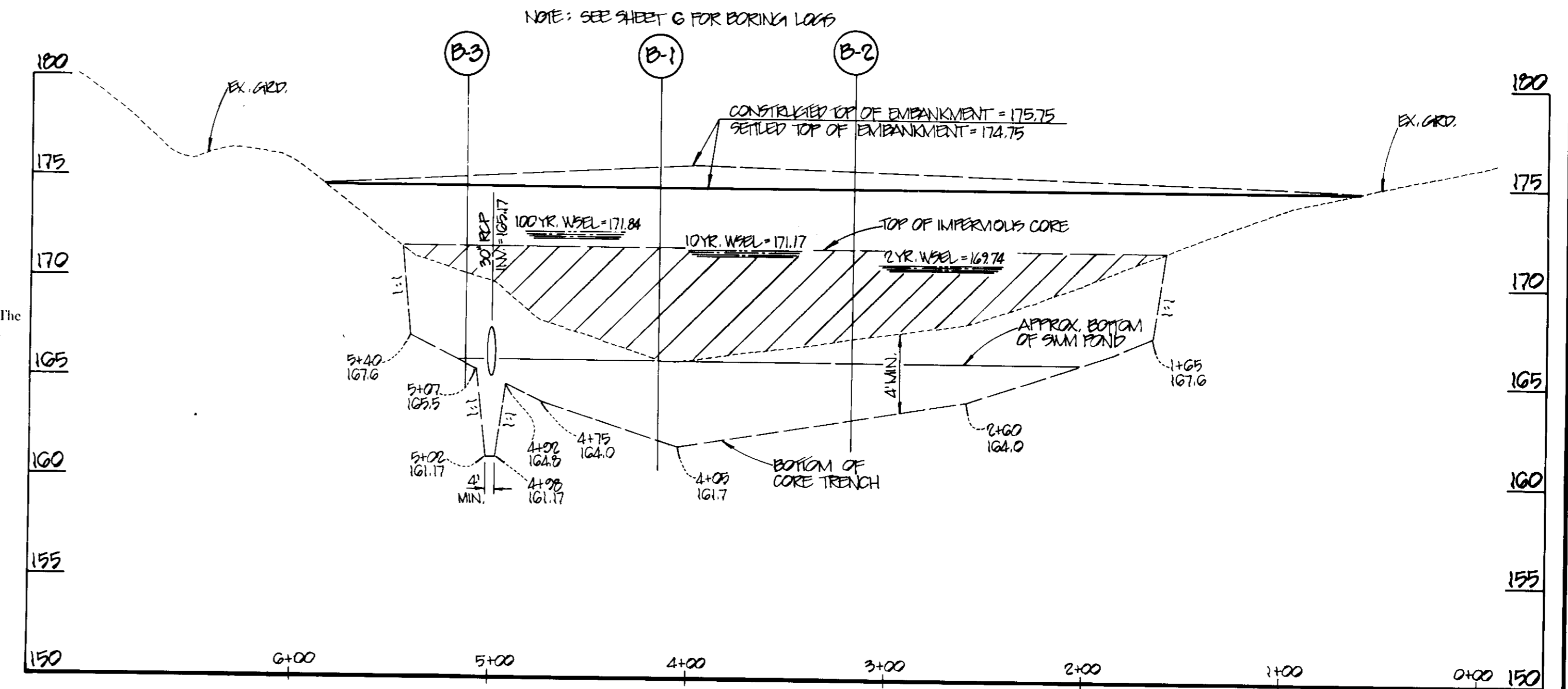
**PLAN**



**PROFILE ALONG PRINCIPAL SPILLWAY**  
SCALE VERT. 1"=5' HORIZ. 1"=5'

**STORMWATER MANAGEMENT POND MAINTENANCE SCHEDULE**

- A. ROUTINE MAINTENANCE**
- Facility shall be inspected annually and after major storms. Inspections should be performed during wet weather to determine if the pond is functioning properly.
  - Top and side slopes of the embankment shall be mowed a minimum of two (2) times a year, once in June and once in September. Other side slopes, the bottom of the pond, and maintenance access should be mowed as needed.
  - Debris and litter next to the outlet structure shall be removed during regular mowing operations and as needed.
  - Visible signs of erosion in the pond as well as rip-rap outlet area shall be repaired as soon as it is noticed.
- B. NON-ROUTINE MAINTENANCE**
- Structural components of the pond such as the dam, riser structure and the pipes shall be repaired upon the detection of any damage. The components should be inspected during routine maintenance operations.
  - Sediment should be removed when its accumulation significantly reduces the design storage, interfere with the function of the riser, when deemed necessary for aesthetic reasons, or when deemed necessary by the Howard County's Department of Public Works.

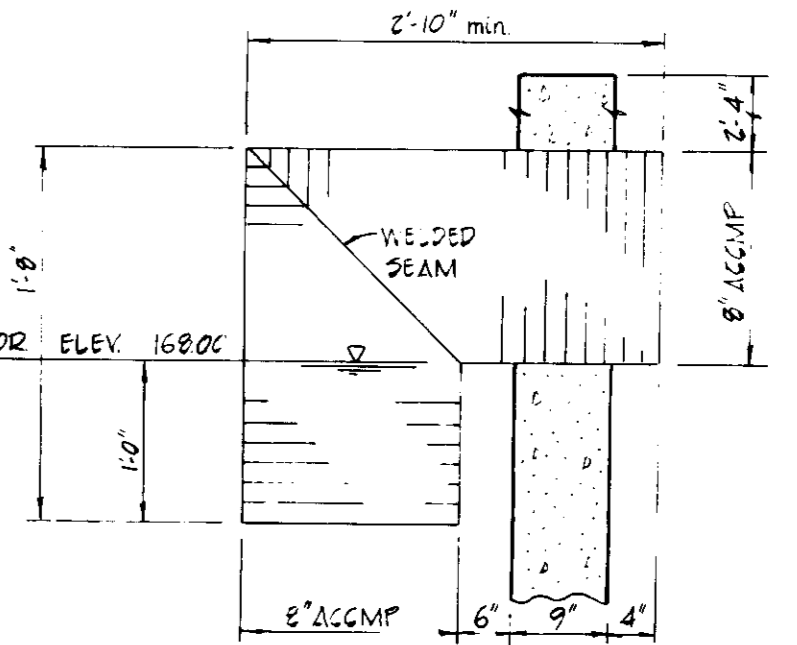


**CENTERLINE OF EMBANKMENT**  
SCALE VERT. 1"=5' HORIZ. 1"=5'

- NOTES:**
- CONCRETE SHALL BE MID SHA MIX NO 3.
  - CONCRETE BASE TO BE PAURED ON UNDISTURBED EARTH.
  - WALLS TO BE DAMPROOFED WHERE STRUCTURE IS BELOW GRADE.

Reviewed for HOWARD  
S.C.D.  
P. Engler  
Signature  
U.S. Soil Conservation Service  
7/11/94

Approved R. Ziehn  
Signature  
8/11/94



**TEMP. 90° ACCMP ELBOW**  
NOT TO SCALE

**PERMIT INFORMATION CHART**

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA NA	PARCEL # 0A	LIBER & FOLIO 34G/0513	PREVIOUS FILE: SDP-93-10		
PLAT No. NA	BLOCK No. 14/15	ZONE M-2	TAX MAP 40	ELEC. DIST. GTH	CENSUS 000201
WATER CODE D02			SEWER CODE N/A		
SCALE: AS SHOWN			DATE: MARCH 14, 1994		

**APPROVED:** HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
Signature  
DATE: 8/26/94

**APPROVED:** HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
Signature  
DATE: 8/26/94

**APPROVED:** HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS  
Signature  
DATE: N/A

**OWNER:**  
STATE OF MARYLAND  
DEPARTMENT OF CORRECTIONS  
JESSUP, MARYLAND 21041

**DEVELOPER:**  
TOTAL DISTRIBUTION SERVICES, INC.  
550 WATER STREET  
JACKSONVILLE, FLORIDA 32202

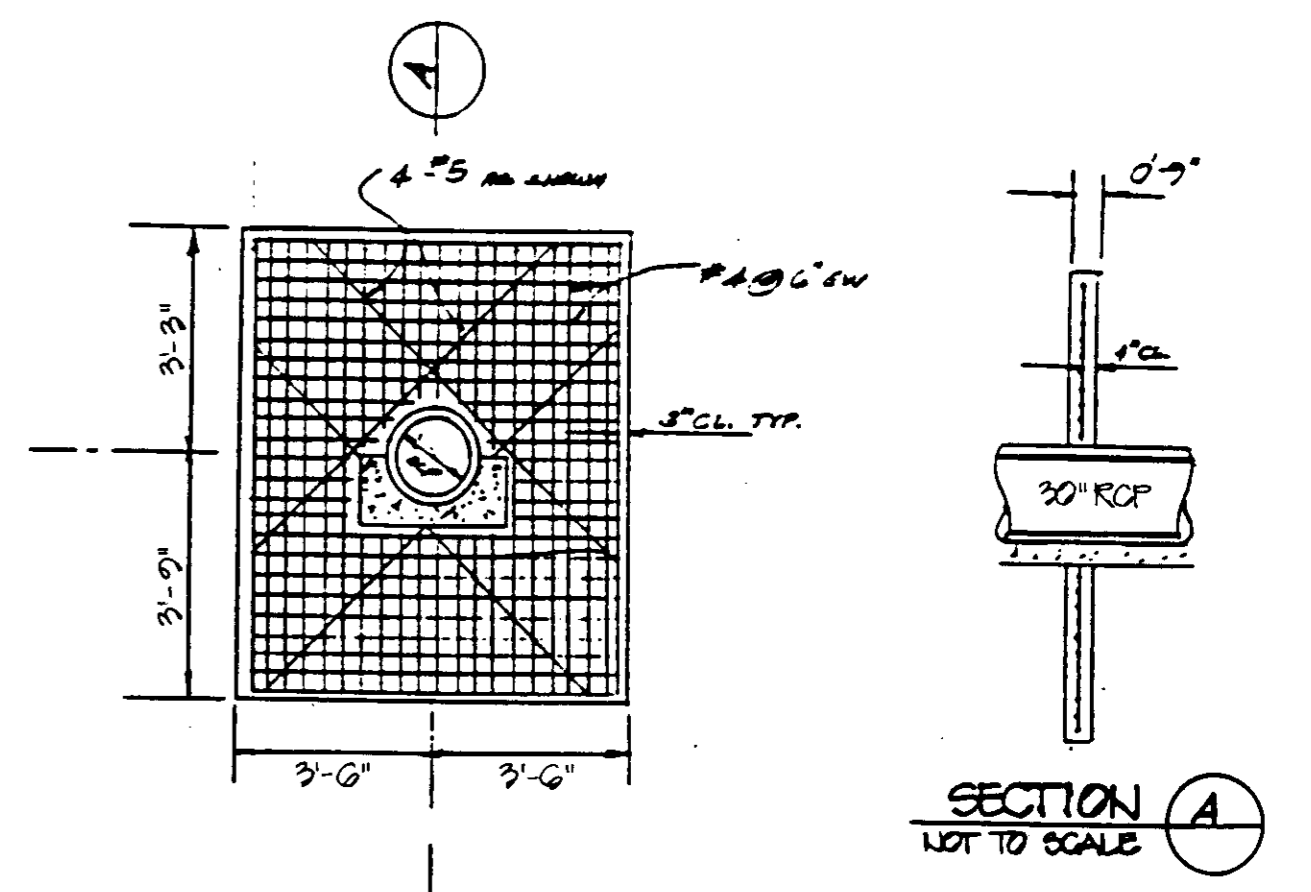
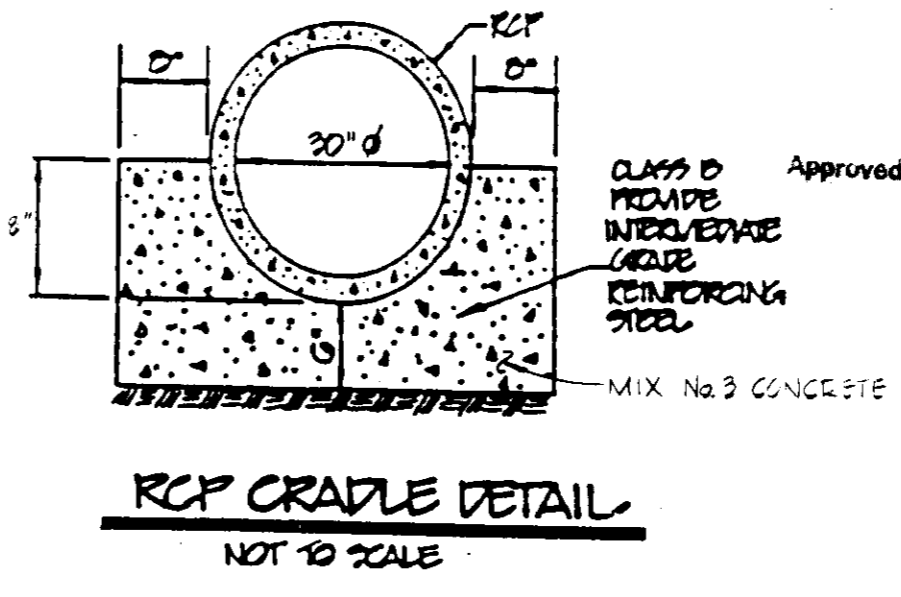
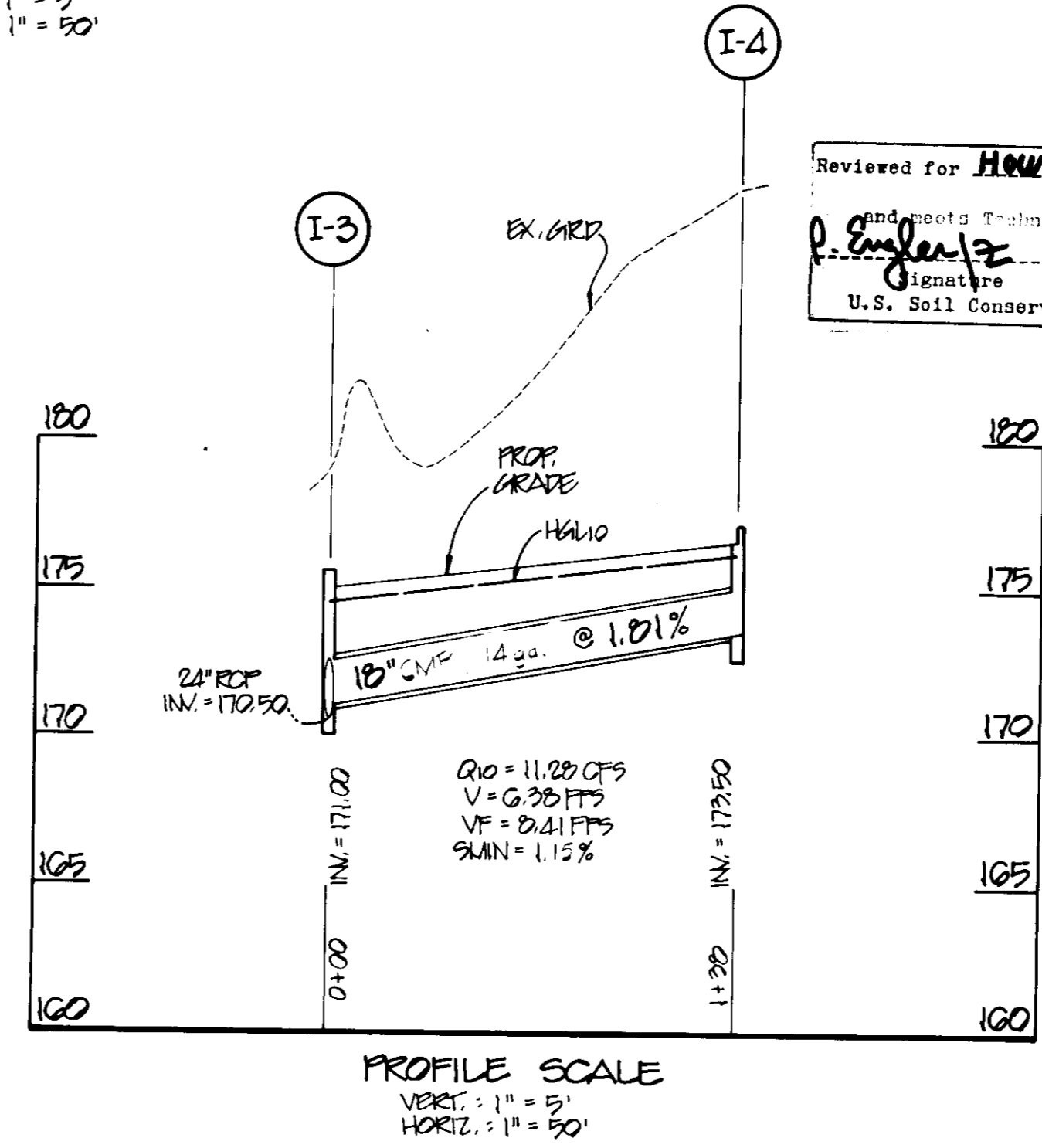
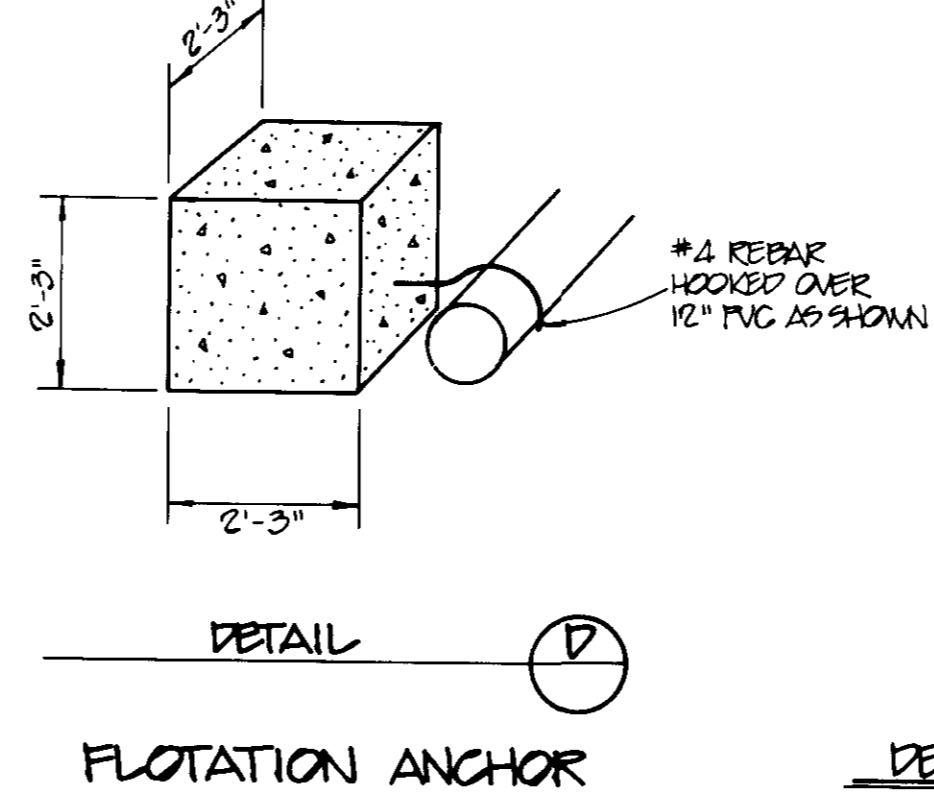
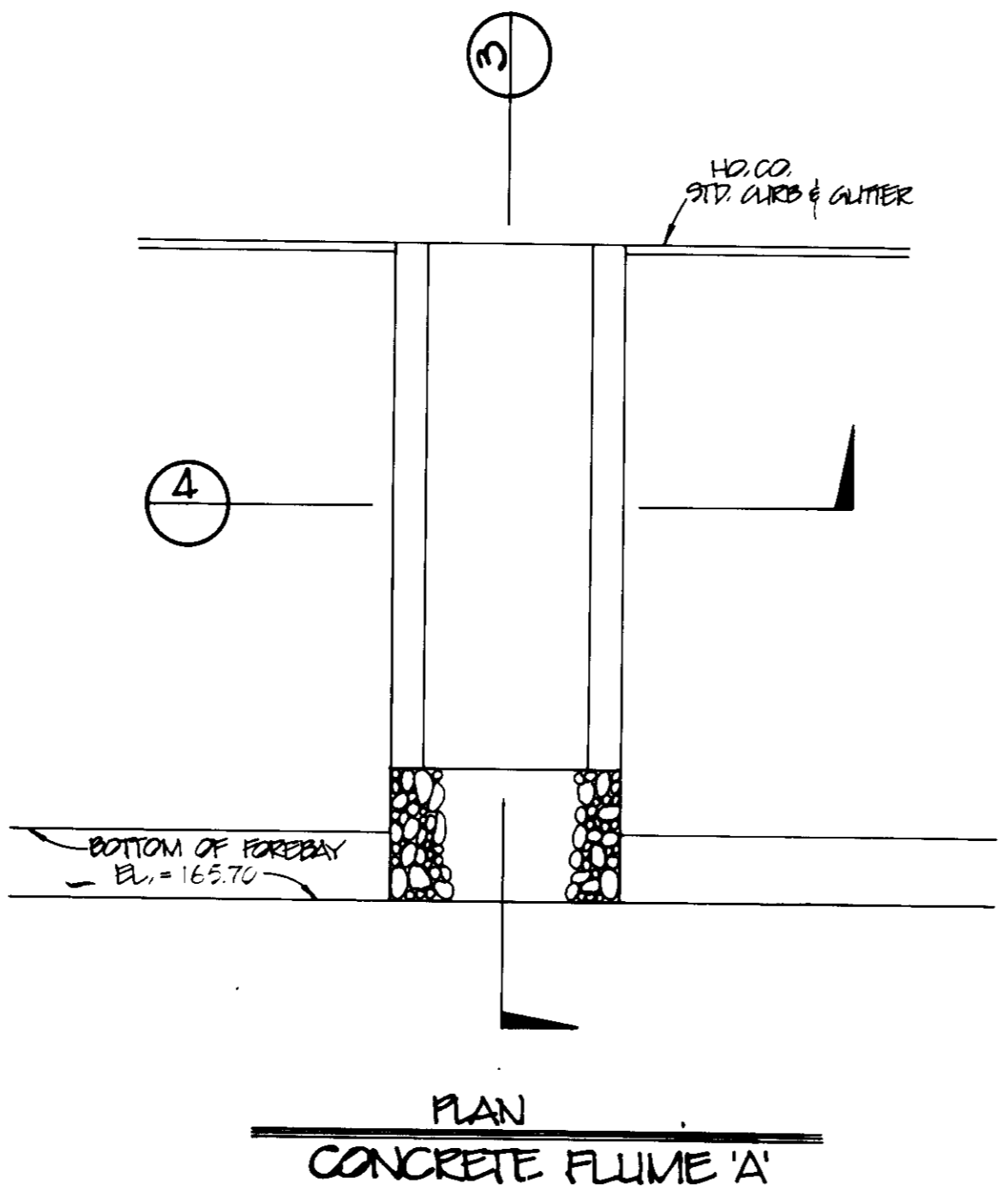
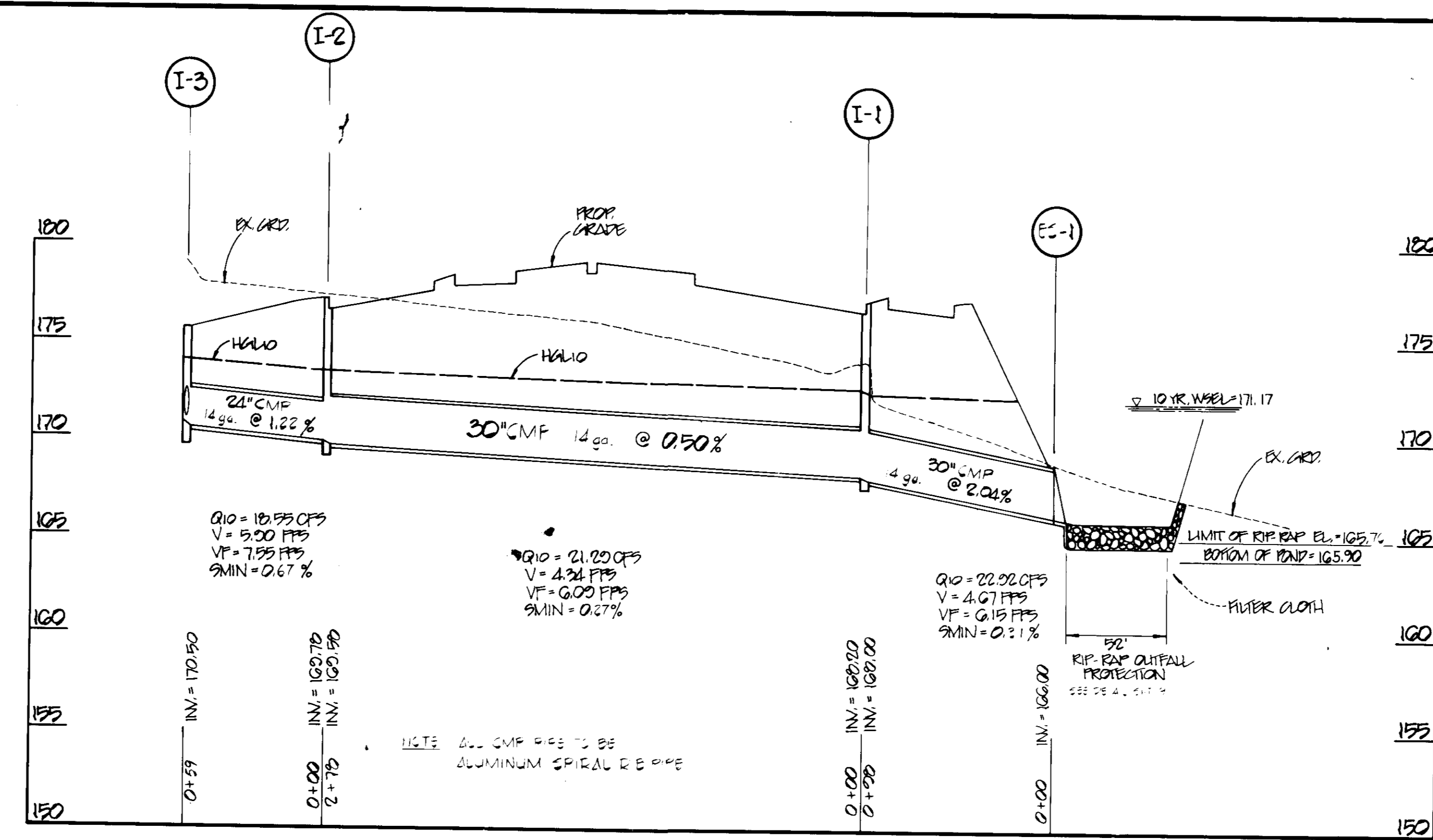
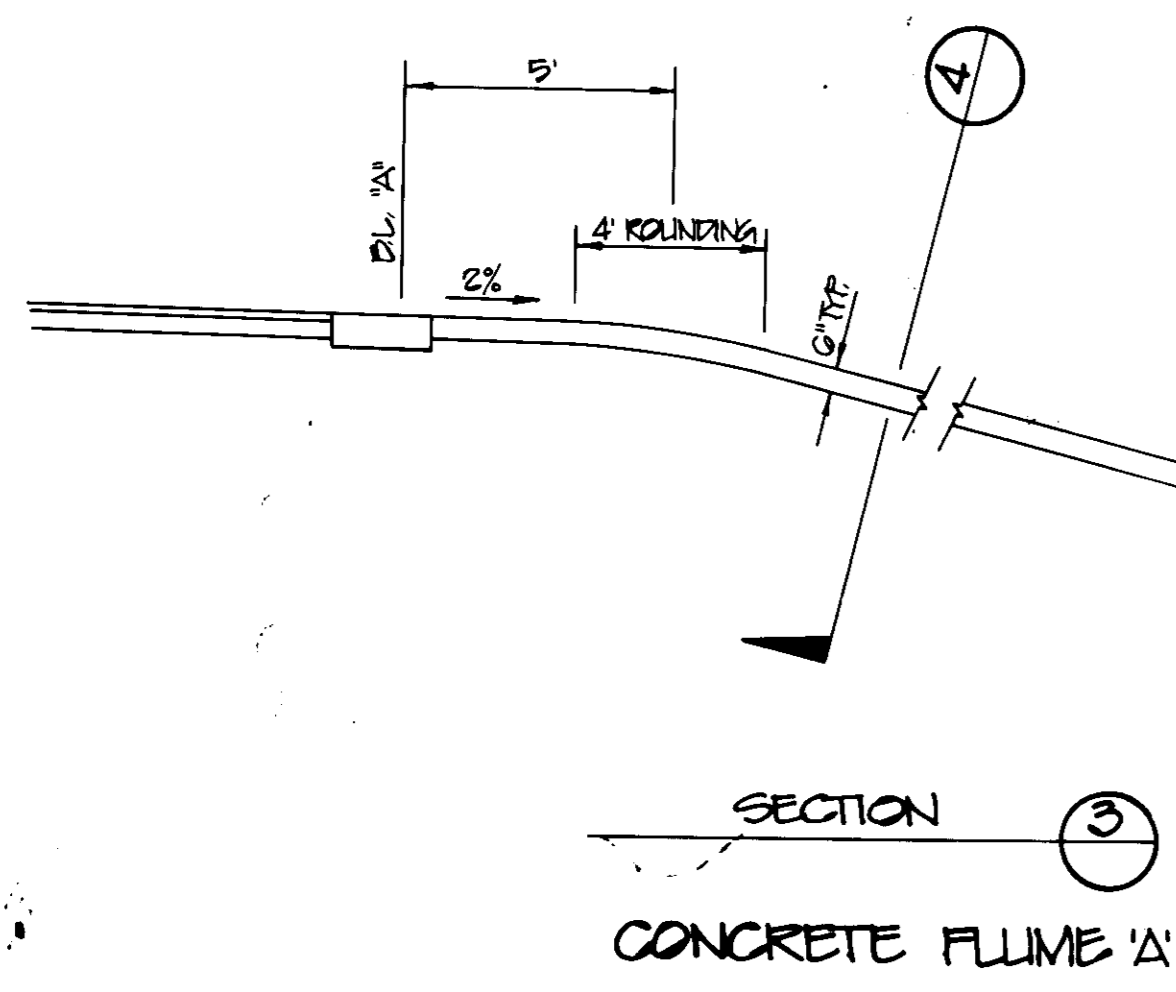
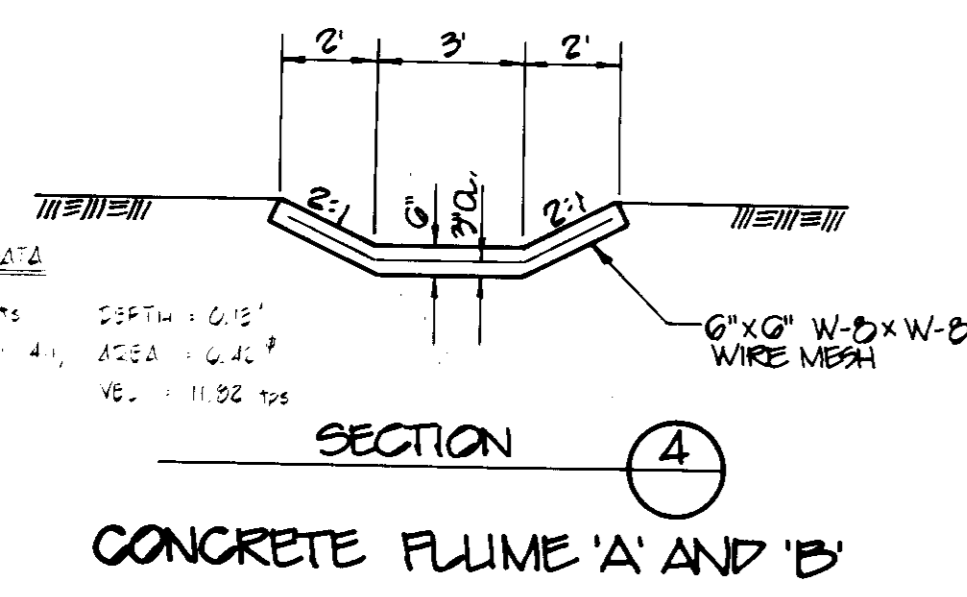
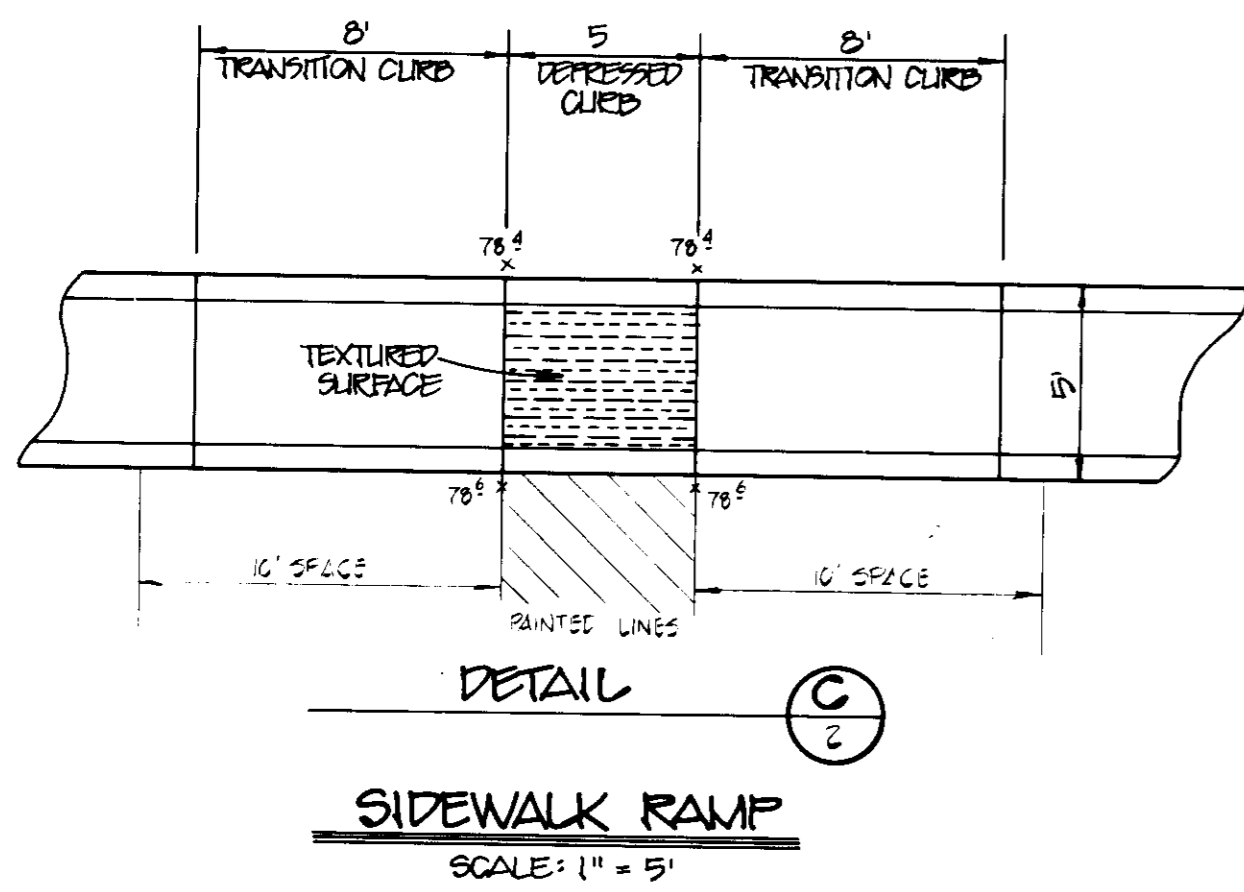
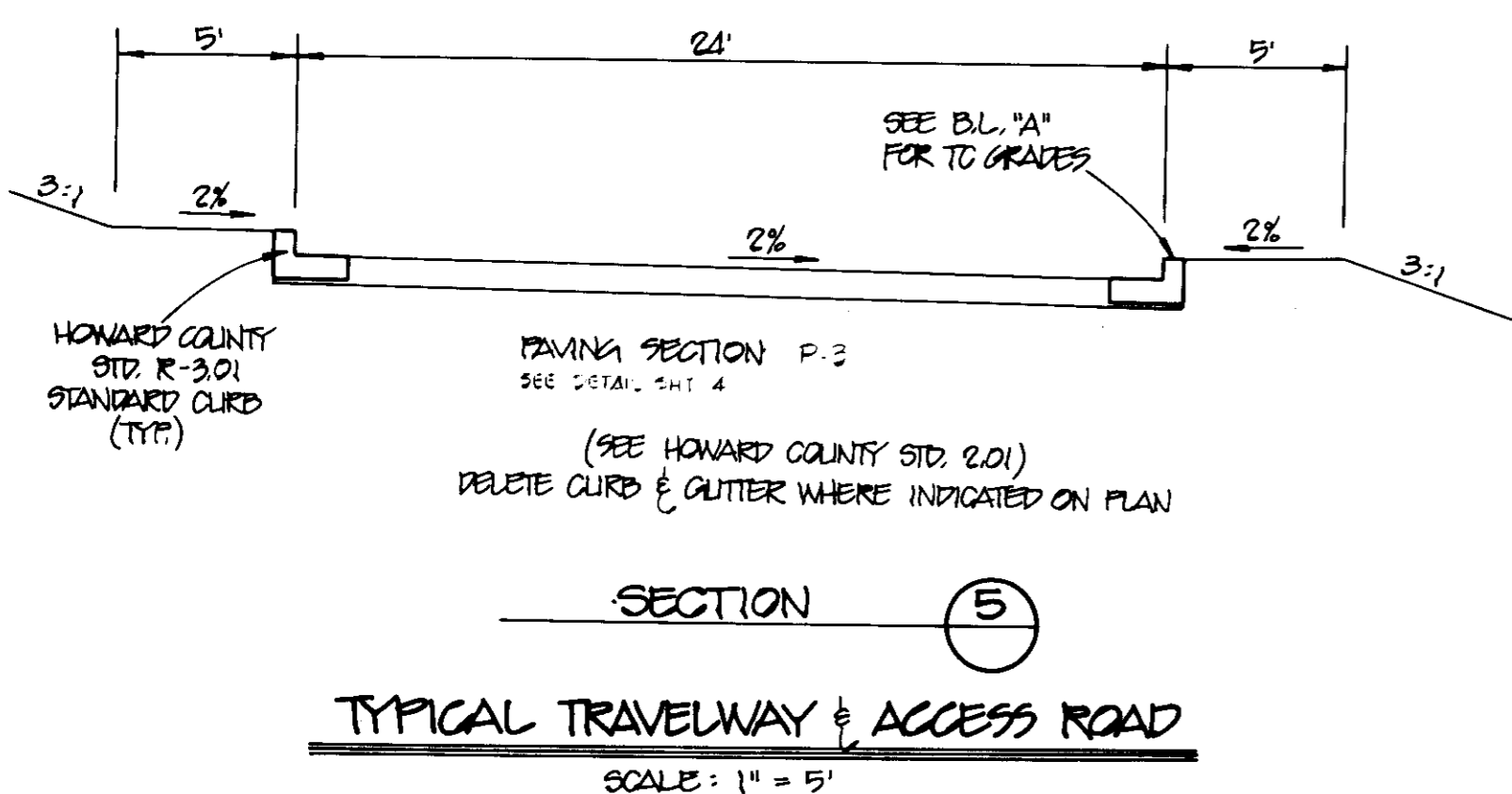


DATE	3/14/94
PROJECT	3400-00
ENGINEERING	JEBM
ILLUSTRATION	BLP
SCALE	AS SHOWN
APPROVAL	RAM

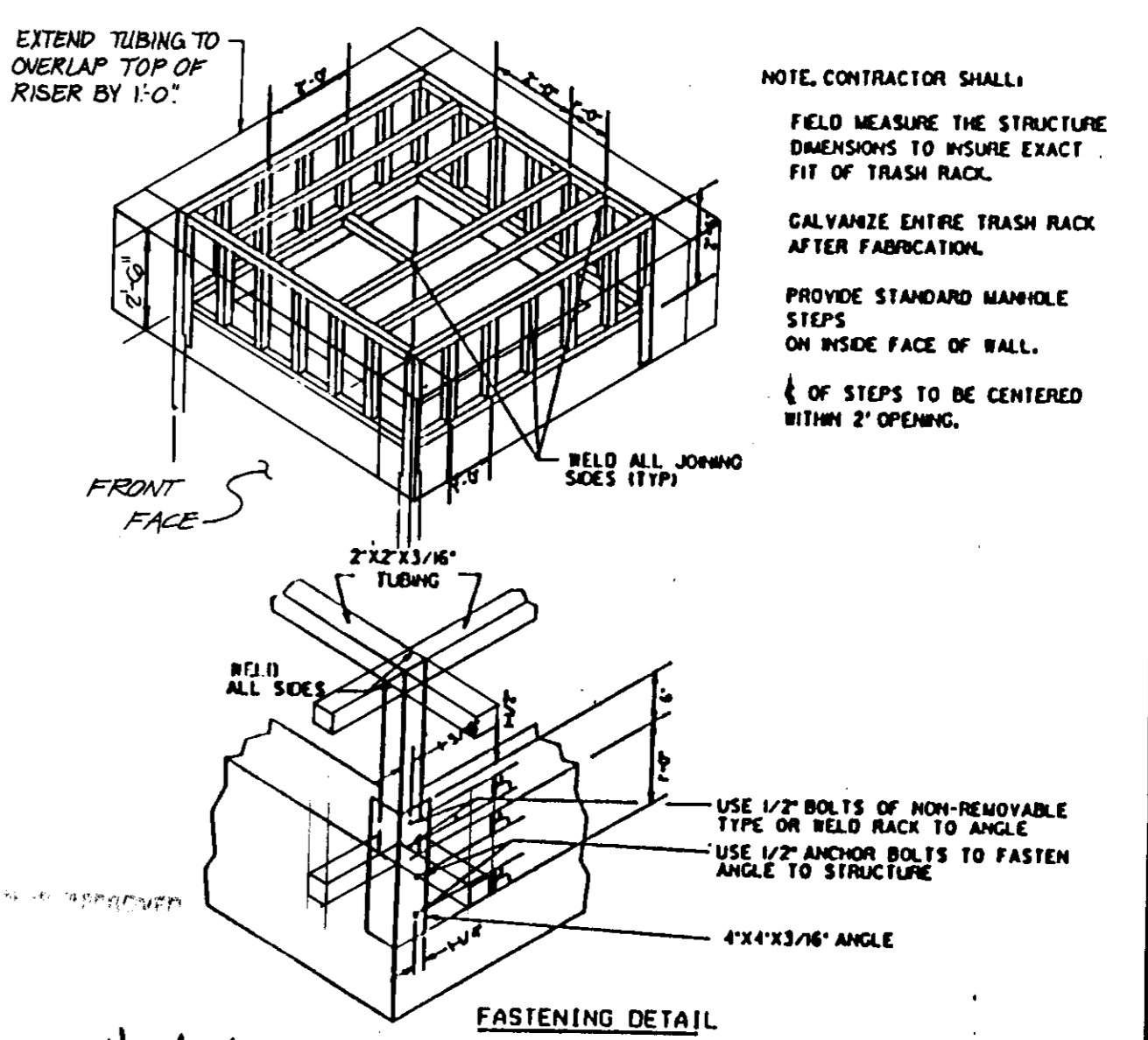
DATE	3/29/94
DATE	3/29/94
ADDRESS COUNTY COMMENTS	
POST SUBMITTAL TO HOWARD CO. P.E.	
DESIGNATION	
REVISIONS	

**CSX ANNAPOLIS JUNCTION HAULWAY FACILITY**  
ELECTION DISTRICT No. 6  
HOWARD COUNTY, MARYLAND  
**STORMWATER MANAGEMENT DETAILS & PROFILES**

**MILDENBERG, MOCHI & ASSOCIATES, INC.**  
ENGINEERS - SURVEYORS - PLANNERS  
3300 North Ridge Road, Suite 235, Ellicott City, Maryland 21041-5350  
(410) 461-0078 D.C. Metro (301) 621-5768 Fax: (410) 750-6340



- NOTES:
- Concrete shall be MS1A Mix #3 (fc ≥ 3,000 psi)
  - Reinforcing steel: Grade 60
  - Face forms for walls of outlet structure shall utilize L.M. Scofield Co. T-9055 form liners (Random split-face rock). (OPTIONAL)
  - Provide rough broom finish on top of slab.
  - Anchor bolts shall be installed in accordance with Sect. 6.07.03.59 of the MS1A Sids. and Specs.
  - All exposed metal surfaces shall be painted in accordance with Sect. 6.07.03.60 of the MS1A Sids. and Specs.
  - All reinforcing splices shall be lap splices of 30 bar diameters unless shown otherwise.
  - All filter fabric shall be Poly-filter X or equivalent.
  - All exposed edges of concrete to be chamfered 1/2" x 1/2".



Reviewed for HOWARD Name: S.C.D.  
 and posted Technical Description: P. Engler 8/12/94  
 Signature: U.S. Soil Conservation Service

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
 Director: [Signature] DATE: 8/26/94  
 Chief, Division of Land Development and Research: [Signature] DATE: 8/26/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
 Director: [Signature] DATE: 8/26/94  
 Chief, Bureau of Engineering: [Signature] DATE: 8/25/94

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS  
 County Health Officer: [Signature] DATE: N/A

DEVELOPER: TOTAL DISTRIBUTION SERVICES, INC. 550 WATER STREET JACKSONVILLE, FLORIDA 32202  
 OWNER: STATE OF MARYLAND DEPARTMENT OF CORRECTIONS JESSUP, MARYLAND 21041



PERMIT INFORMATION CHART

PROJECT NAME CSX ANNAPOLIS JUNCTION HAULWAY FACILITY					
SECT./AREA N/A	PARCEL # 24	LIBER & FOLIO 246/0513	PREVIOUS FILE: SDF-24-10		
PLAT No. N/A	BLOCK No. 14/15	ZONE M-2	TAX MAP 28	ELEC. DIST. GTH	CENSUS G06201
WATER CODE 002			SEWER CODE N/A		
SCALE: AS SHOWN			DATE: MARCH 14, 1994		

PROJECT NO.	DATE	BY	REVISIONS
2000-00	3/14/94	JWM	
ILLUSTRATION	DATE	BY	REVISIONS
BWP	5/23/94	JWM	
SCALE	DATE	BY	REVISIONS
AS SHOWN	3/16/94	JWM	

ADDRESS COUNTY COMMENTS  
 1ST SUBMITTAL TO HD CO. P.T.C.

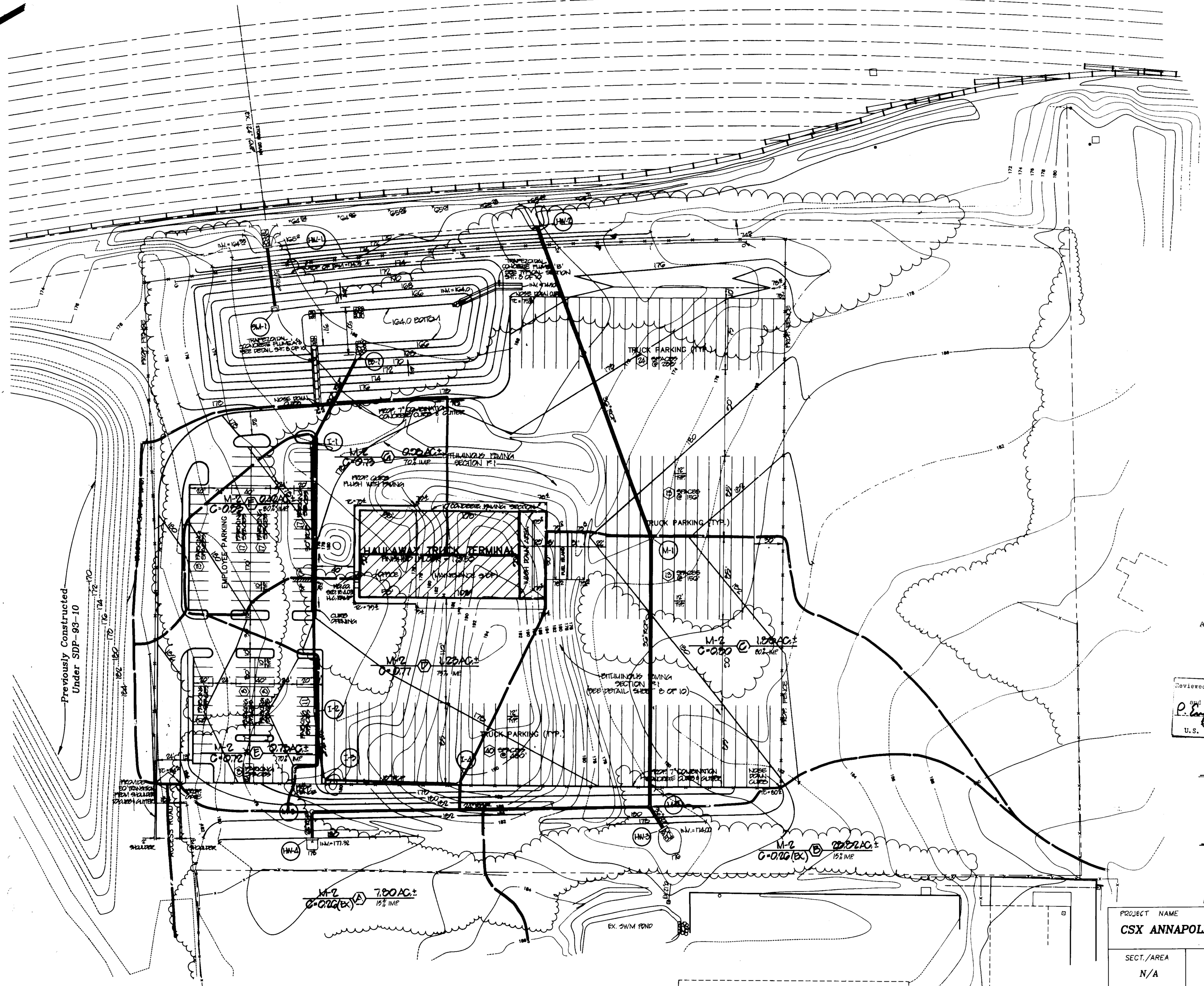
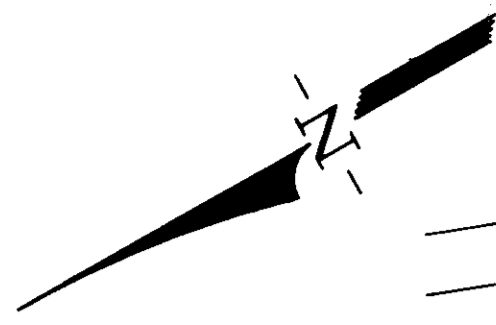
CSX ANNAPOLIS JUNCTION  
 HAULWAY FACILITY  
 ELECTION DISTRICT NO. G  
 HOWARD COUNTY, MARYLAND  
 STORMWATER MANAGEMENT NOTES & DETAILS

MILDENBERG, MOCH & ASSOCIATES, INC.  
 ENGINEERS, ARCHITECTS, PLANNERS  
 3300 North Ridge Road, Suite 233, Elkridge City, Maryland 21043-1350  
 (410) 461-8078 D.C. Metro. (301) 621-5166 Fax: (410) 750-6340









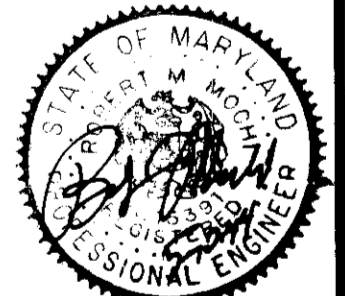
Previously Constructed  
Under SDP-93-10

Approved: *R. Zahner* 8/12/94  
Howard Co. E.C.D.

Reviewed for **HOWARD** S.C.D.  
Signature: *P. Engler* 8/12/94  
U.S. Soil Conservation Service

**DEVELOPER**  
TOTAL DISTRIBUTION SERVICES, INC.  
950 WATER STREET  
JACKSONVILLE, FLORIDA 32202

**OWNER**  
STATE OF MARYLAND  
DEPARTMENT OF CORRECTIONS  
JESSUP, MARYLAND 21041



PERMIT INFORMATION CHART

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA N/A	PARCEL # B4	LIBER & FOLIO 346/0513	PREVIOUS FILE: SDP-93-10		
PLAT No. N/A	BLOCK No. 1A/13	ZONE M-2	TAX MAP 48	ELEC. DIST. 6th	CENSUS #08901
WATER CODE B02		SEWER CODE N/A			
SCALE: 1" = 50'			DATE: March 14, 1994		

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING  
*James H. Heath* 8/26/94  
DIRECTOR DATE  
*John A. ...* 8/26/94  
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS  
*James ...* 8/26/94  
DIRECTOR DATE  
*William ...* 8/25/94  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS  
N/A  
COUNTY HEALTH OFFICER DATE

Project: 94009-00  
Date: 3/14/94  
Illustration: JBM  
Scale: 1" = 50'  
Approval: RMM

1 ADDRESS COUNTY COMMENTS  
description  
revision  
date: 5/13/94

CSX ANNAPOLIS JUNCTION  
**HAULWAY FACILITY**  
ELECTION DISTRICT No. 6  
HOWARD COUNTY, MARYLAND  
DRAINAGE AREA 1A/F

**MILDENBERG, MOCHI & ASSOCIATES, INC.**  
ENGINEERS - ARCHITECTS - PLANNERS  
330 North Ridge Road, Suite 235, Ellicott City, Maryland 21043-3350  
(410) 461-0078 D.C. Metro: (301) 921-3788 Fax: (410) 756-6340

10 OF 11

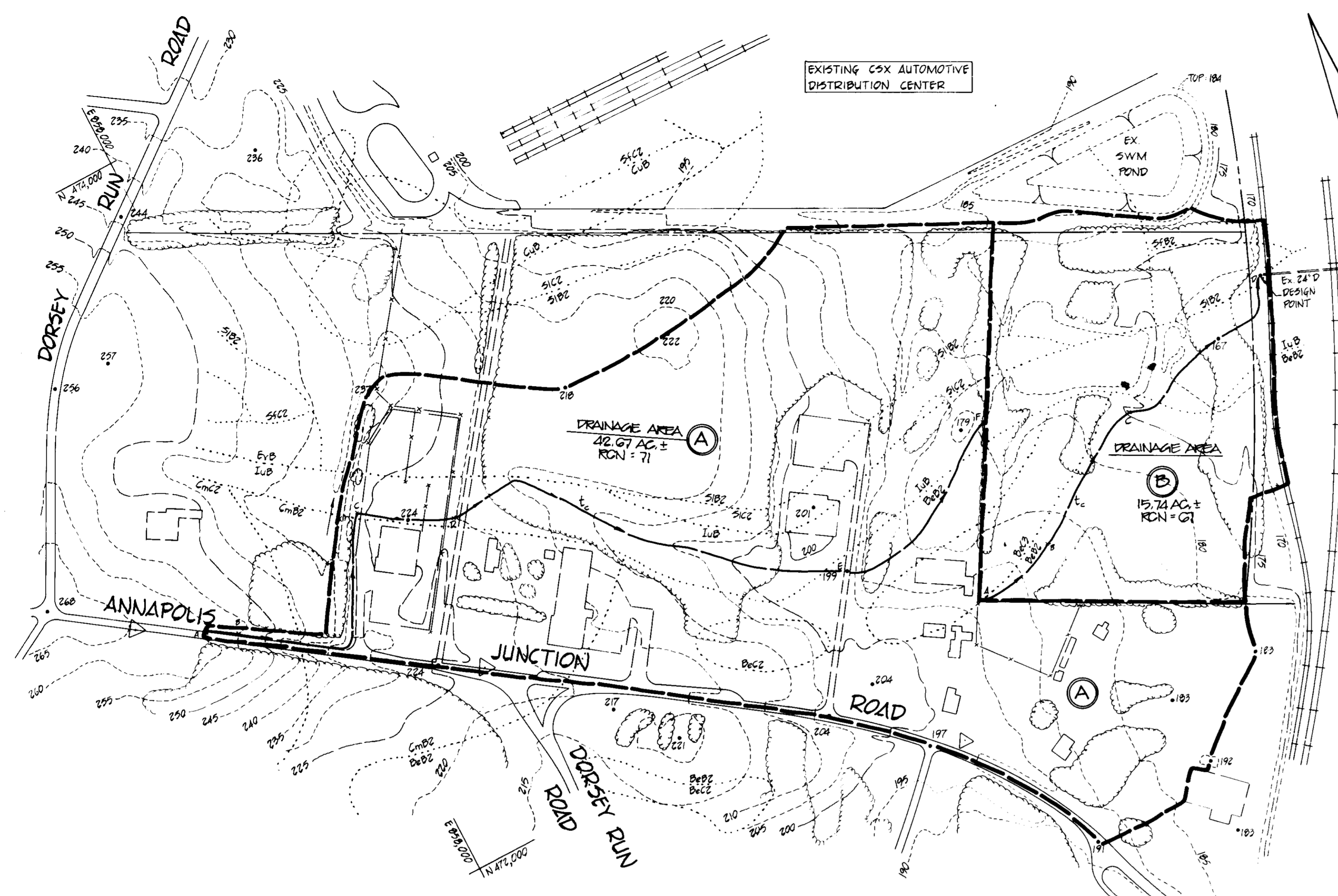
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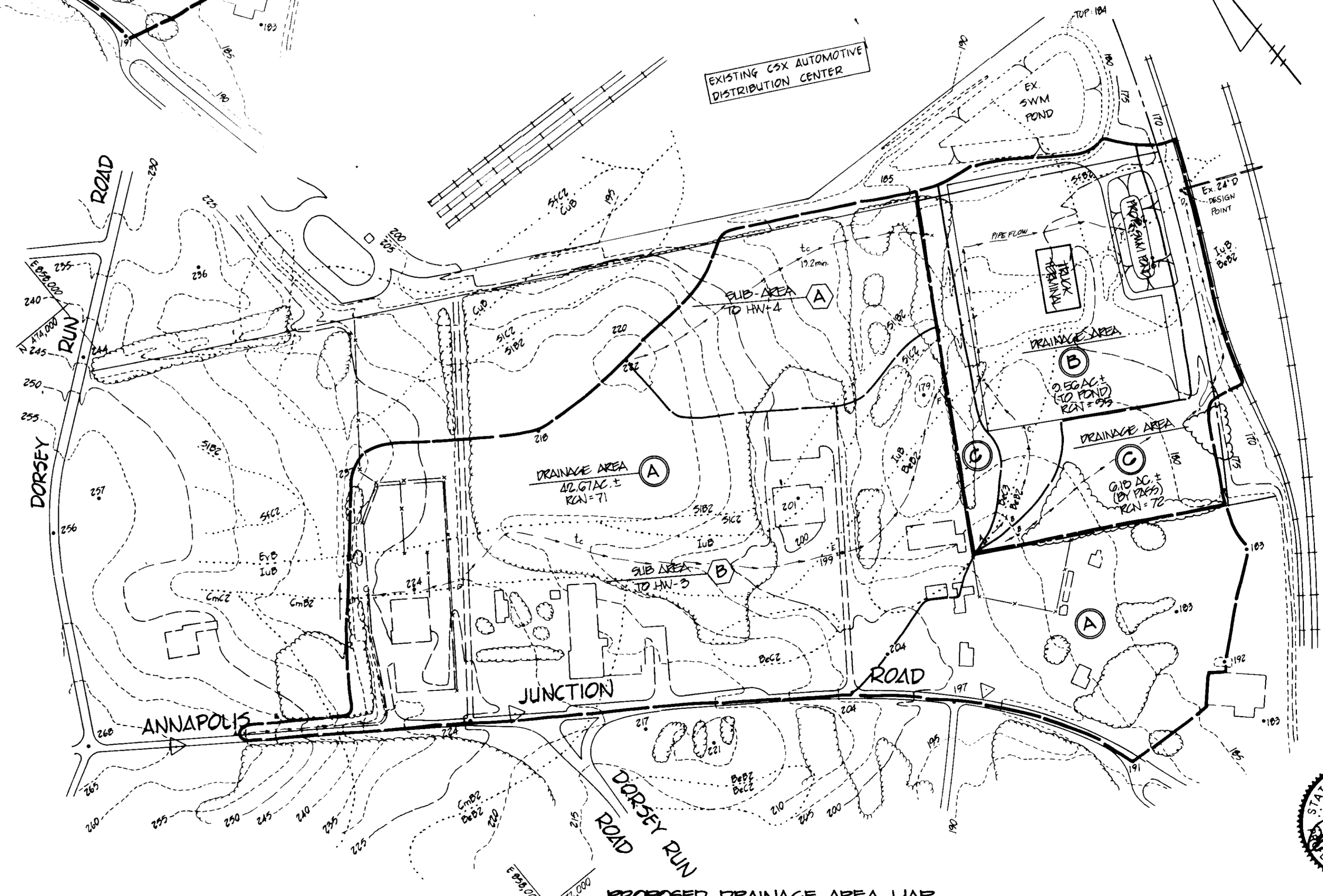
PERMIT INFORMATION CHART

PROJECT NAME <b>CSX ANNAPOLIS JUNCTION HAULWAY FACILITY</b>					
SECT./AREA N/A	PARCEL # 84	LIBER & FOLIO 346/0513	PREVIOUS FILE: SDP-93-10		
PLAT No. N/A	BLOCK No. 1A/15	ZONE M-2	TAX MAP 48	ELEC. DIST. 6th	CENSUS 606901
WATER CODE B02			SEWER CODE N/A		
SCALE: 1" = 200'			DATE: March 14, 1994		

DATE 4/05/94	SCALE 1" = 200'
PROJECT NO. 240025.00	ENGINEER RWF/AM
DATE 8/26/94	SCALE 1" = 200'
1. APPROVED COUNTY COMMENTS	



EXISTING DRAINAGE AREA MAP  
SCALE: 1" = 200'



PROPOSED DRAINAGE AREA MAP  
SCALE: 1" = 200'

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS

COUNTY HEALTH OFFICER: N.A. DATE: \_\_\_\_\_

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS FOR PUBLIC WATER & SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS

DIRECTOR: [Signature] DATE: 8/26/94  
 CHIEF, BUREAU OF ENGINEERING: [Signature] DATE: 8/25/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

DIRECTOR: [Signature] DATE: 8/26/94  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH: [Signature] DATE: 8/26/94

DEVELOPER  
 TOTAL DISTRIBUTION SERVICES, INC.  
 550 WATER STREET  
 JACKSONVILLE, FLORIDA 32202

OWNER  
 STATE OF MARYLAND  
 DEPARTMENT OF CORRECTIONS  
 JESSUP, MARYLAND 21091



CSX ANNAPOLIS JUNCTION  
 HAULWAY FACILITY  
 HOWARD COUNTY, MARYLAND  
 ELECTION DISTRICT No. G  
 STORMWATER MANAGEMENT DRAINAGE AREA MAPS

MILDENBERG,  
 MOCHI & ASSOCIATES, INC.  
 ENGINEERS • SURVEYORS • PLANNERS  
 1303 North Ridge Road, Suite 235, Ellicott City, Maryland 21143-1356  
 (410) 461-0078 D.C. Metro (301) 621-5766 Fax (410) 750-6340