




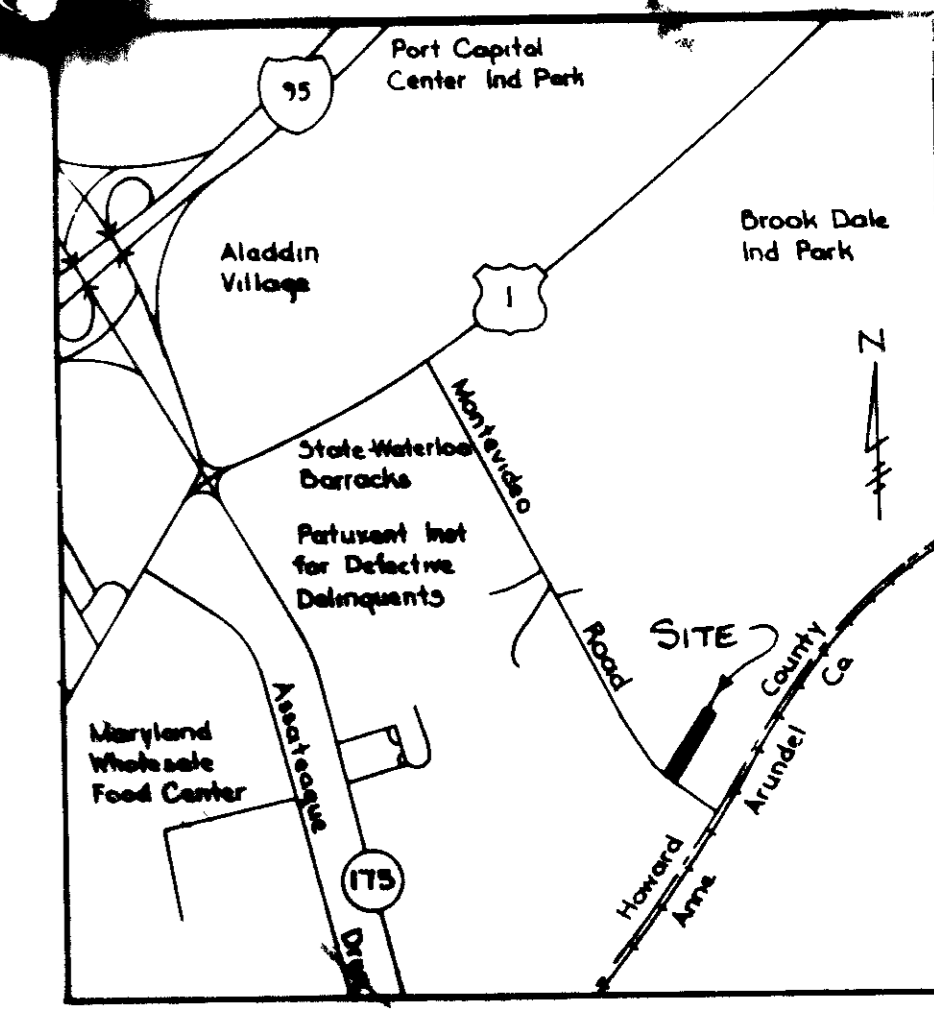


**LEGEND**

-  AREA TO BE SOODED
-  EXCAVATION ELEV. FOR TEMPORARY STORMWATER MANAGEMENT AND SEDIMENT CONTROL IS 164.0
- UPON STABILIZATION, EXCAVATE TO ELEV. 162.0 (FINISHED GRADE FOR INFILTRATION FACILITY)

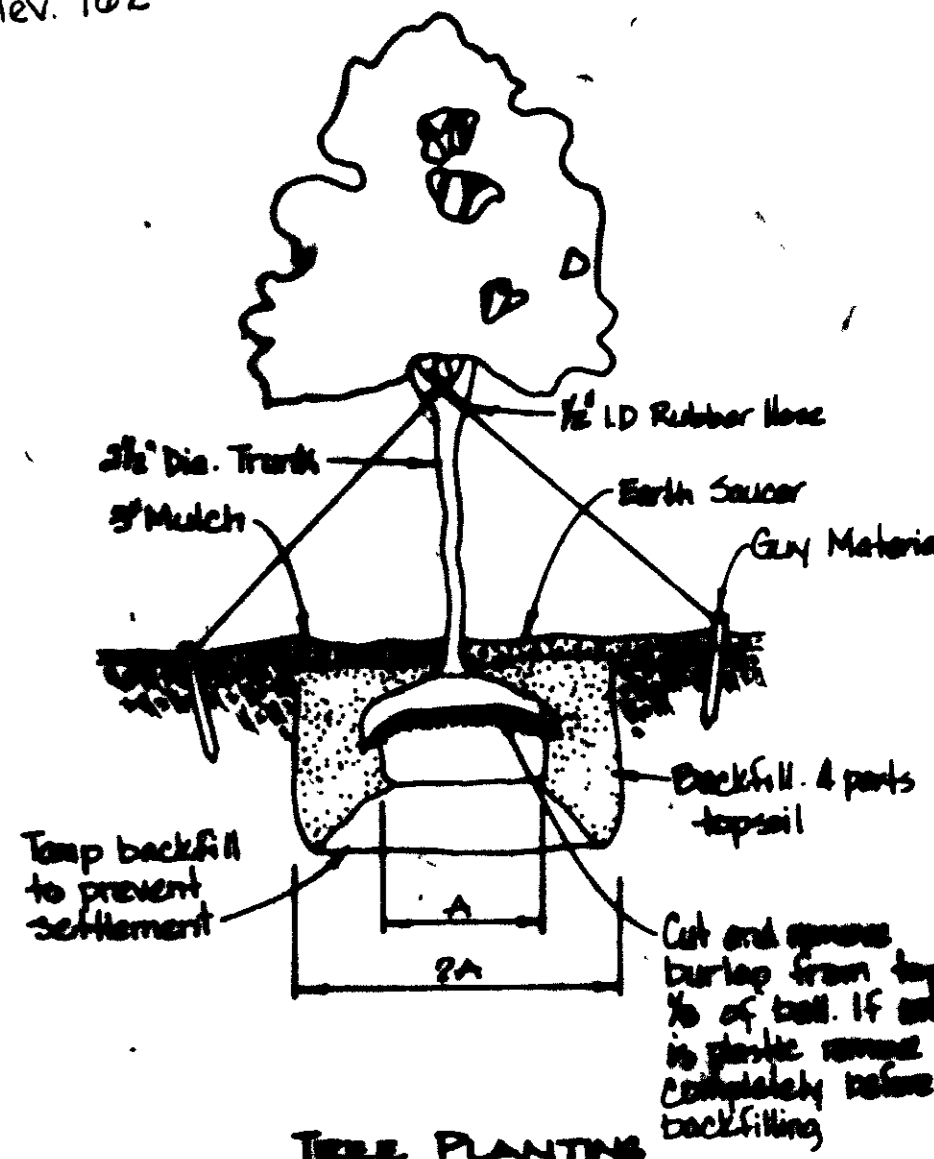
**SEDIMENT CONTROL LEGEND**

- Limit of Disturbance 
- Silt Fence 
- Stabilized Construction Entrance 



**VICINITY MAP**  
SCALE: 1" = 200'

End Rip Rap Channel at Elev. 162



**TREE PLANTING DETAIL**  
N.T.S.



**SITE ANALYSIS**  
AREA OF PARCEL: 2.22 ac., 96,492 sq. ft.  
PRESENT ZONING: M-2  
PROPOSED USE: PARKING  
AREA OF PARKING LOT: 7,800 sq. ft.  
AREA OF LANDSCAPING ISLAND AND PERCENTAGE WITHIN THE PARKING LOT: 1,000 sq. ft., 13%  
OPEN SPACE TO REMAIN: 18,744.55 sq. ft., 17%  
PARKING SPACES PROVIDED: 178

NOTE: ALL WORK SOUTH OF STORMWATER MANAGEMENT FACILITY SHOWN AS PROPOSED HAS BEEN COMPLETED AND SHALL NOW BE CONSIDERED EXISTING.

**GENERAL NOTES**

1. The location of existing utilities shown hereon are based on the latest available information. The contractor shall however, determine the exact location before during any construction.
2. All work shown on these plans shall be constructed in accordance with the latest revision of Volume IV of the Howard County Design Manual "Standard Specification and Details for Construction."
3. All new paving on site shall be Howard County Standard #P-1.
4. The stormwater management site shall be paving with porous asphalt pavement as shown in the typical detail.
5. Construct Std. 7" bituminous curb for all parking area (Std. Detail R-303).

**TREE SCHEDULE**

Symbol	Quantity	Name	Size	Spacing
	33	Crataegus phaenopynum Washington Hawthorn	2 1/2" cal B x B	As shown
	17	Tsuga canadensis Canadian Hemlock	4'-5" B x B	As shown

**BENCH MARKS**  
BM # 2 Elev. 175.58  
OUT on top of conc curb, 325'± from RR tracks, NE side of Montevideo Rd  
BM # 3 Elev. 187.07  
RR spike in C+P #21, 480'± from RR tracks, NE side of Montevideo Rd

**OWNER / DEVELOPER**  
BALTIMORE AIRCOIL CO.  
7595 Montevideo Road  
Jessup, MD 20794

12-23-87

SUBDIVISION NAME		SECT./AREA	LOT/PARCEL NO
BALTIMORE AIRCOIL COMPANY INC		97 AND 441	
PLAT # OR L/F BLOCK		ZONE	TAX/ZONE
1130/401 & 868/497 16		M2	MAP 43
PARCEL NO		STREET ADDRESS	ELECT. DIST. CENSUS
97 AND 441	7595 MONTEVIDEO ROAD	B01	1 ST 6012
WATER CODE		SEWER CODE	
B01		2221000	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
*Joseph J. ...* 1-24-90  
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*...* 2-6-90  
DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*...* 11/6/90  
DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*...* 1-10-90  
CHIEF BUREAU OF ENGINEERING DATE

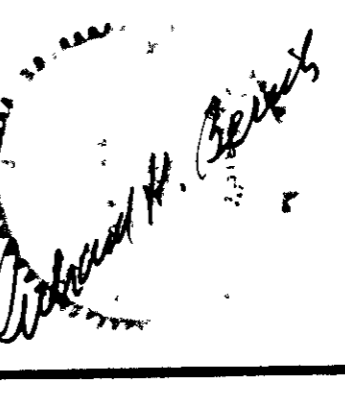
Reviewed for Howard Soil Conservation District and meets technical requirements  
*James M. Nelson* 12/20/89  
U.S. Soil Conservation District Date

This Development Plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.  
*Robert W. Ziemer* 12/20/89  
Howard Soil Conservation District Date

**PURDUM & JESCHKE**  
CONSULTING ENGINEERS  
LAND SURVEYORS  
1029 North Calvert Street  
Baltimore, Maryland 21202 301/837-0194

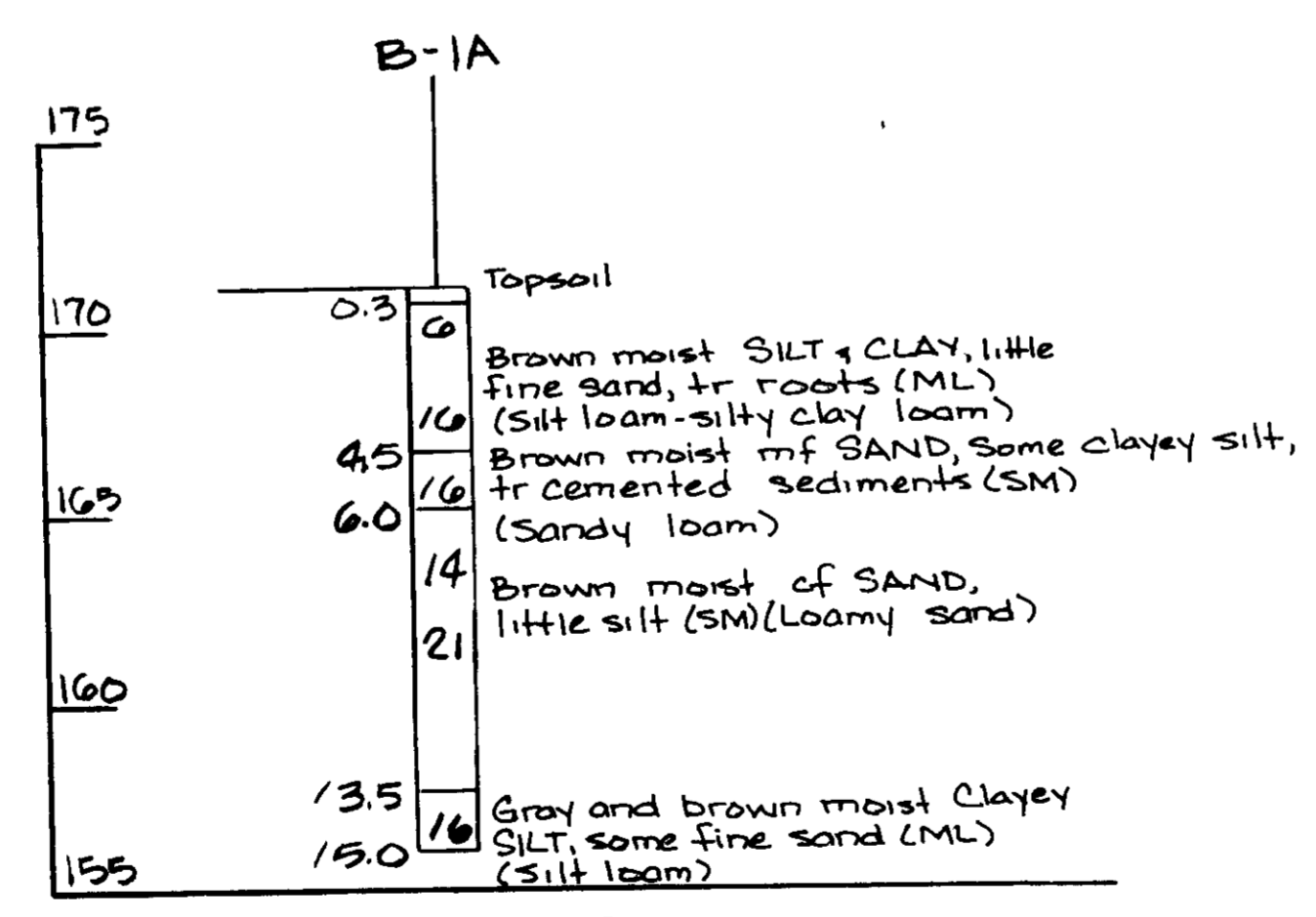
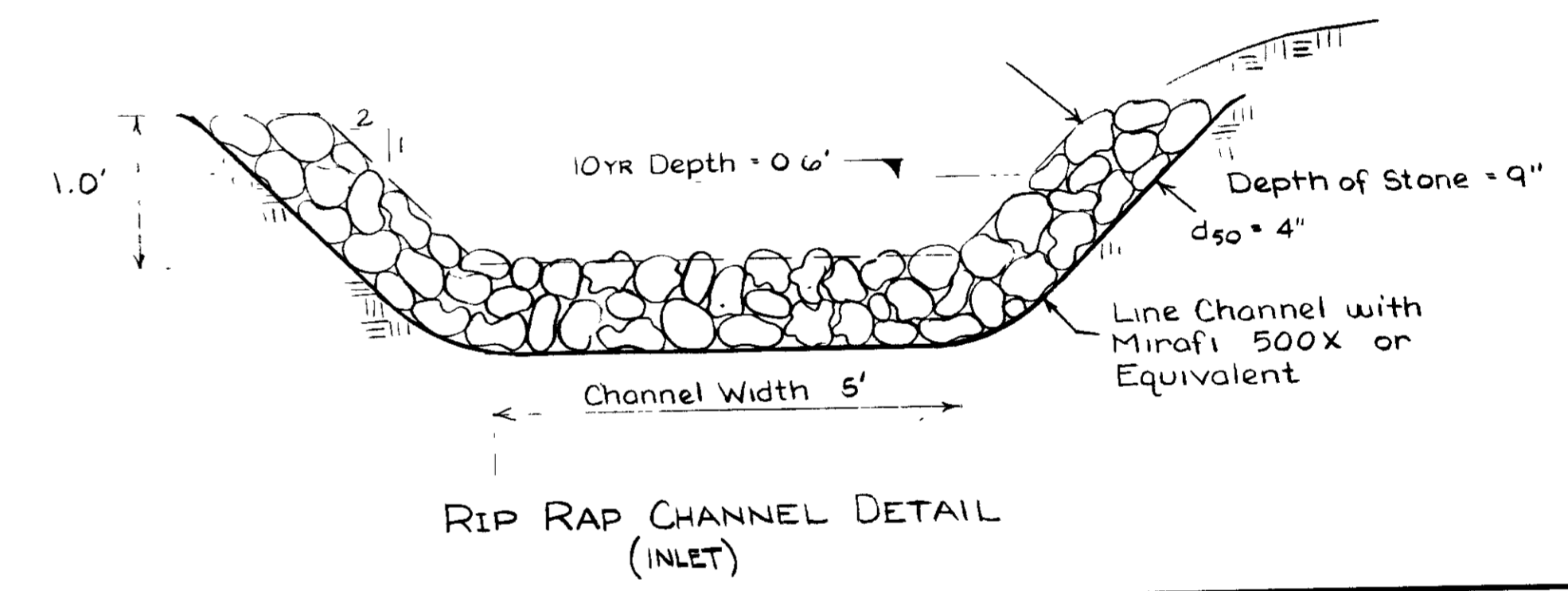
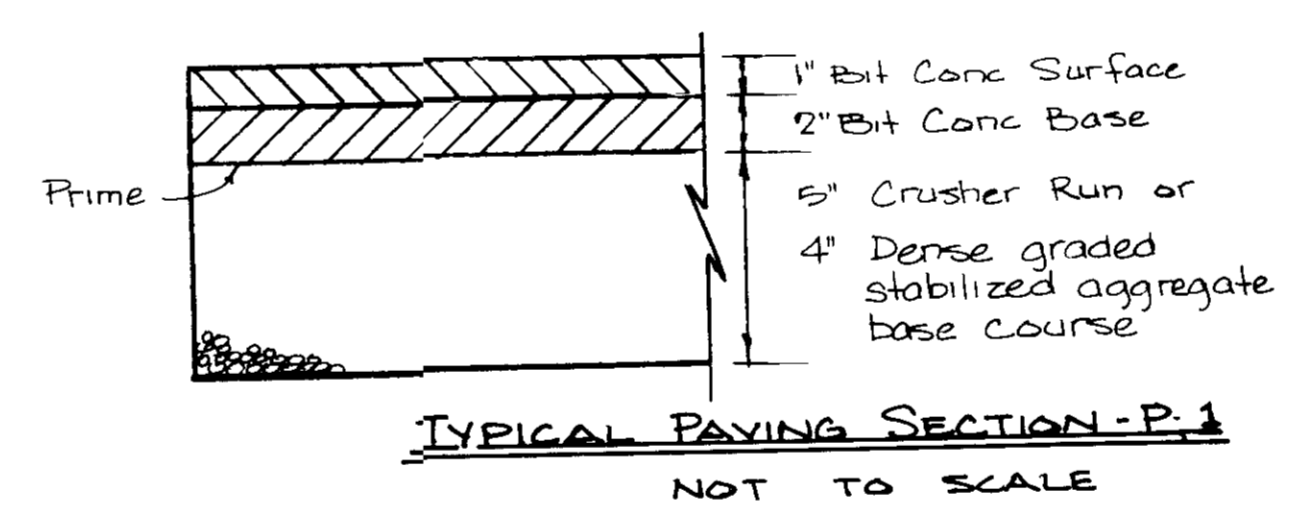
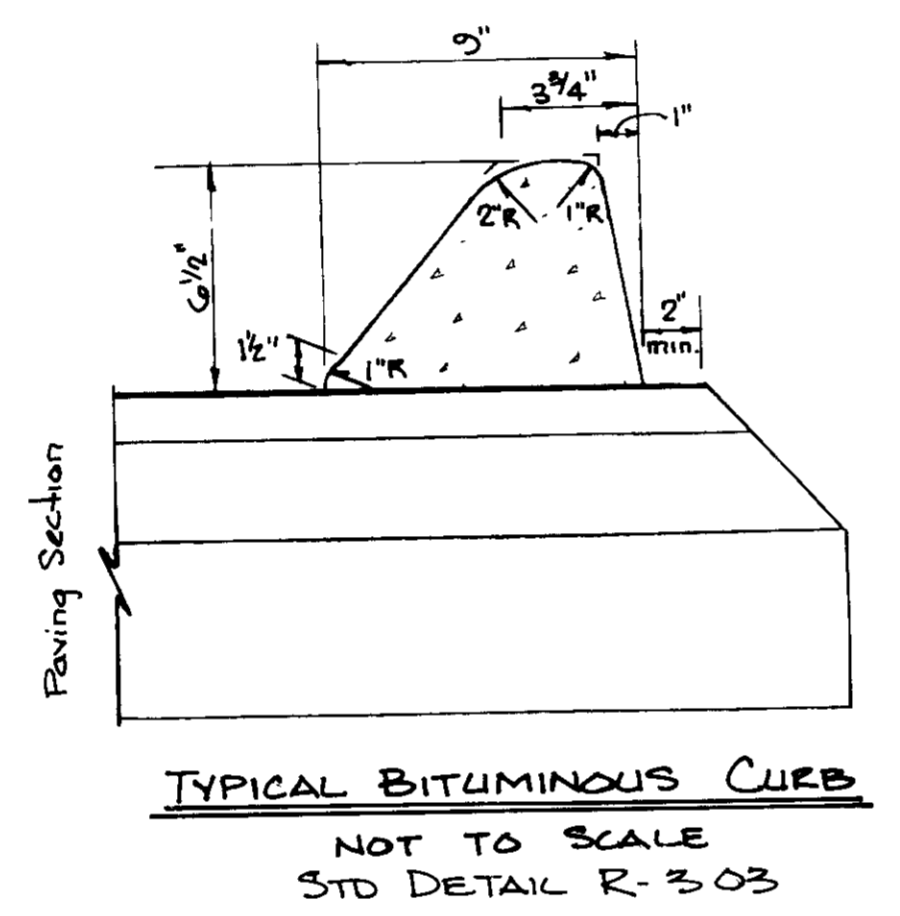
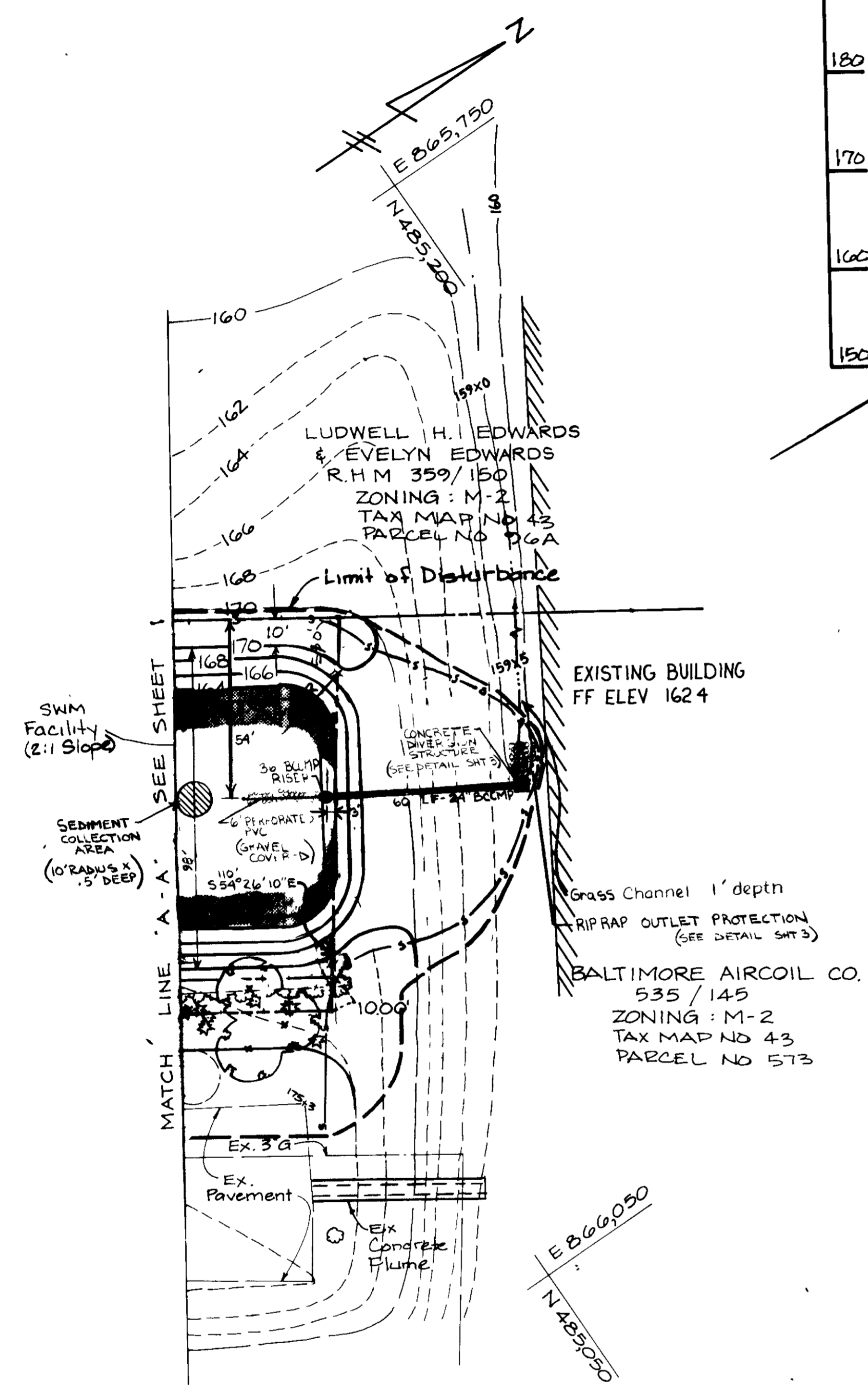
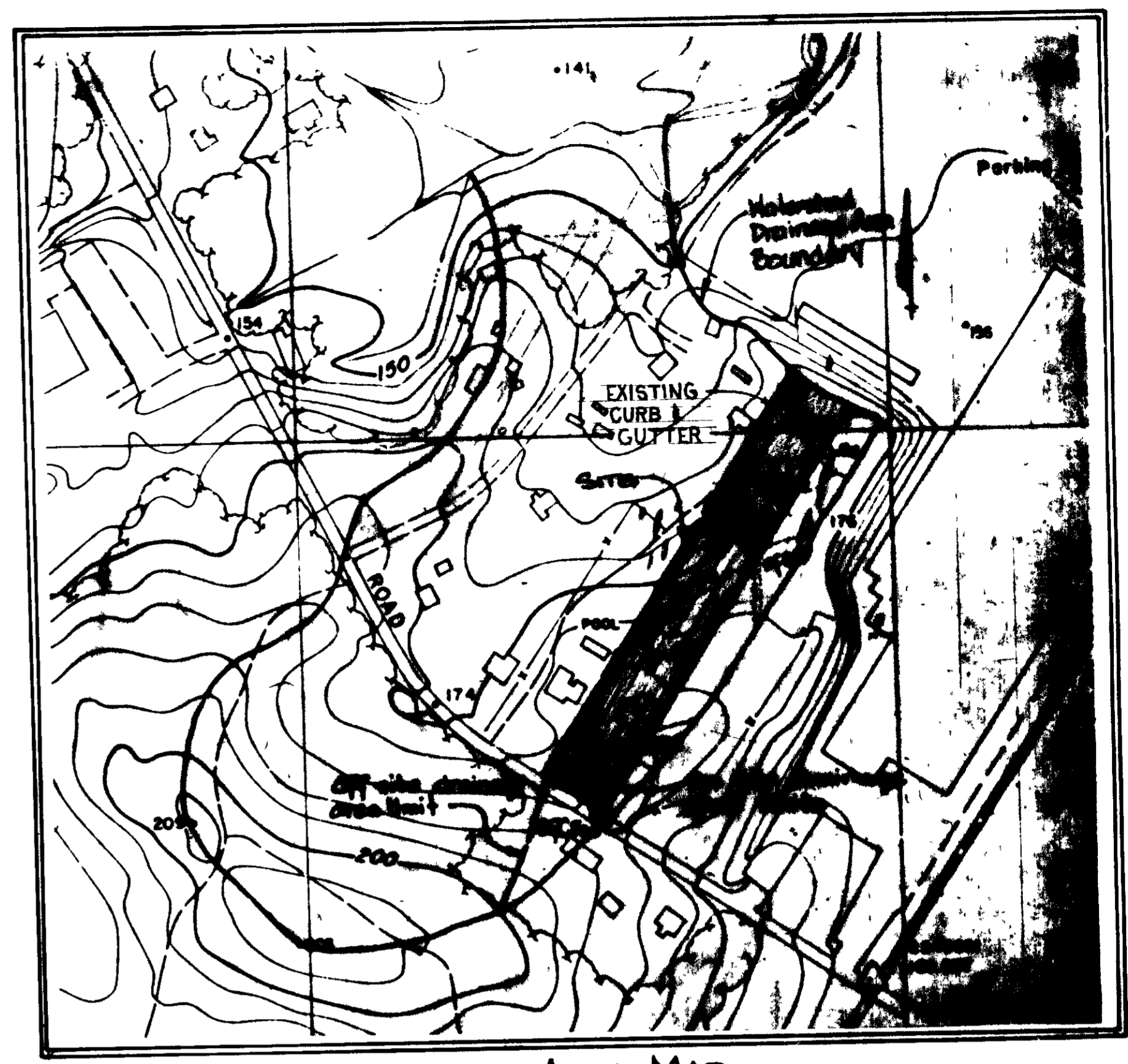
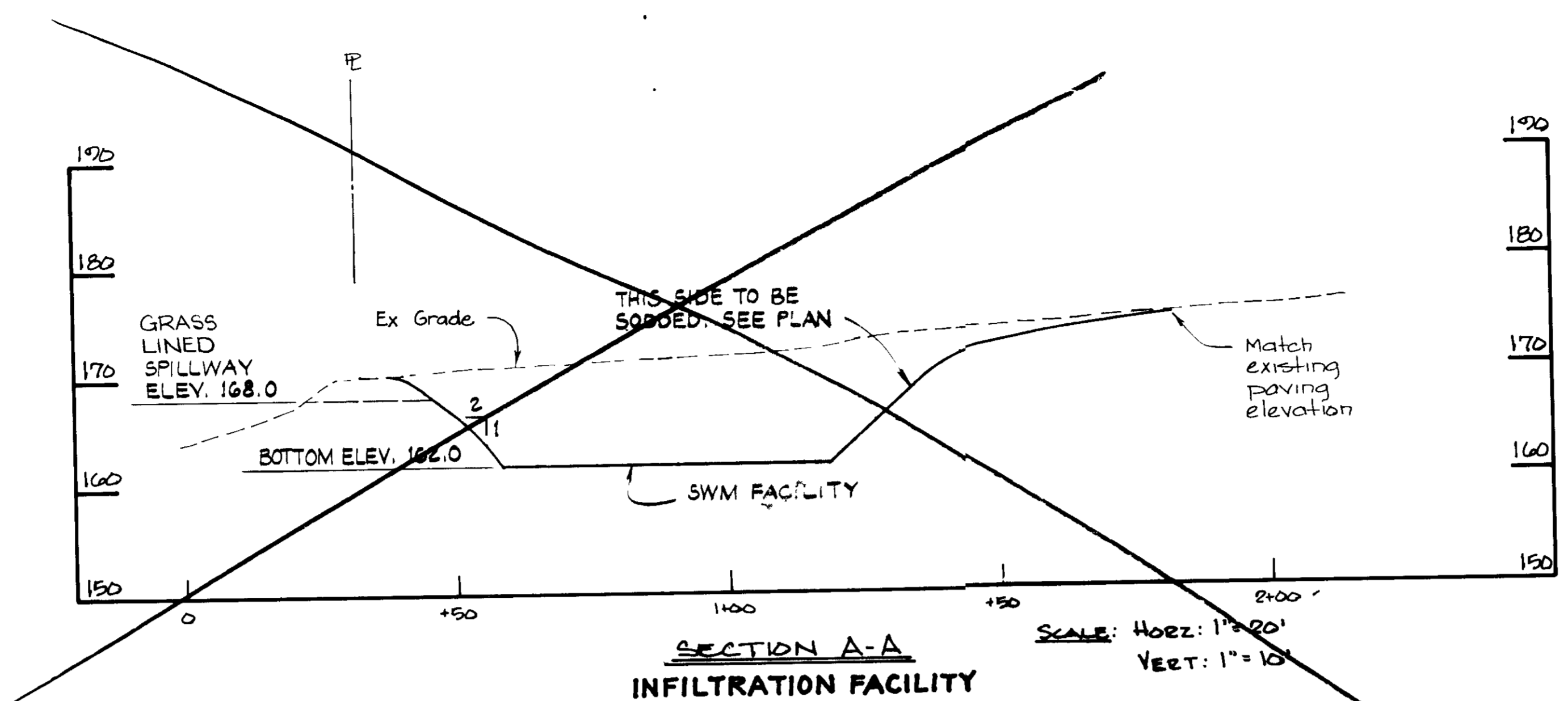
**DEVELOPER'S CERTIFICATION**  
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF ANY SEDIMENT EROSION BEFORE BEGINNING THE PROJECT  
*Richard H. Bend* 11/5/87  
DATE

**ENGINEER'S CERTIFICATION**  
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT  
*Richard H. Bend* 11/5/87  
DATE



**BALTIMORE AIRCOIL COMPANY, INC.**  
SEDIMENT & EROSION CONTROL PLAN  
LANDSCAPING PLAN  
PARKING FACILITY  
(REVISION OF SDP-87-124)  
FIRST ELECTION DISTRICT HOWARD COUNTY, MD.  
TAX MAP NO 43 PARCELS 97 & 441  
SCALE: 1" = 30'

SHEET 1 OF 3  
DES: AHK  
DRAWN: KMK, REC  
CHK: RHB  
JO 6344-00  
SDP 86-96



At completion of boring hole dry and caved at 11.0' BORING B-1A

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM HOWARD COUNTY HEALTH DEPARTMENT <i>James M. Nelson</i> COUNTY HEALTH OFFICER DATE 1-24-90
APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING <i>W. J. ...</i> DIRECTOR DATE 2-6-90
APPROVED HOWARD COUNTY DEPT. OF COMMUNITY PLANNING AND LAND DEVELOPMENT <i>James M. Nelson</i> DIRECTOR DATE 1/16/90
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>James M. Nelson</i> DIRECTOR DATE 1-16-90
APPROVED <i>James M. Nelson</i> CHIEF BUREAU OF ENGINEERING DATE 12-23-87
Reviewed for Howard Soil Conservation District and meets technical requirements. <i>James M. Nelson</i> US Soil Conservation District DATE 12/20/89
This Development Plan is approved for soil erosion and sediment control by the Howard Soil Conservation District. <i>Robert W. Ziehm</i> Howard Soil Conservation District DATE 12/20/89

SUBDIVISION NAME		SECT./AREA		LOT/PARCEL NO	
BALTIMORE AIRCOIL COMPANY, INC.		97 AND 441		97 AND 441	
PLAT # OR L/F	BLOCK	ZONE	TAX/ZONE	ELECT. DIST	CENSUS
1130/401 B 866/497	16	M2	MAP 43	1ST	8012
ADDRESS CHART			WATER CODE		
PARCEL NO	STREET ADDRESS		SEWER CODE		
97 AND 441	7595 MONTEVIDEO RD		2221000		

**PURDUM & JESCHKE**  
CONSULTING ENGINEERS  
LAND SURVEYORS  
1029 North Calvert Street  
Baltimore, Maryland 21202 301/637-0194

DEVELOPER'S CERTIFICATION  
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF ANY SEDIMENT EROSION BEFORE BEGINNING THE PROJECT.  
*James M. Nelson* 1/16/90 DATE

ENGINEER'S CERTIFICATION  
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Richard H. Benoit* 1/16/90 DATE

*Richard H. Benoit*

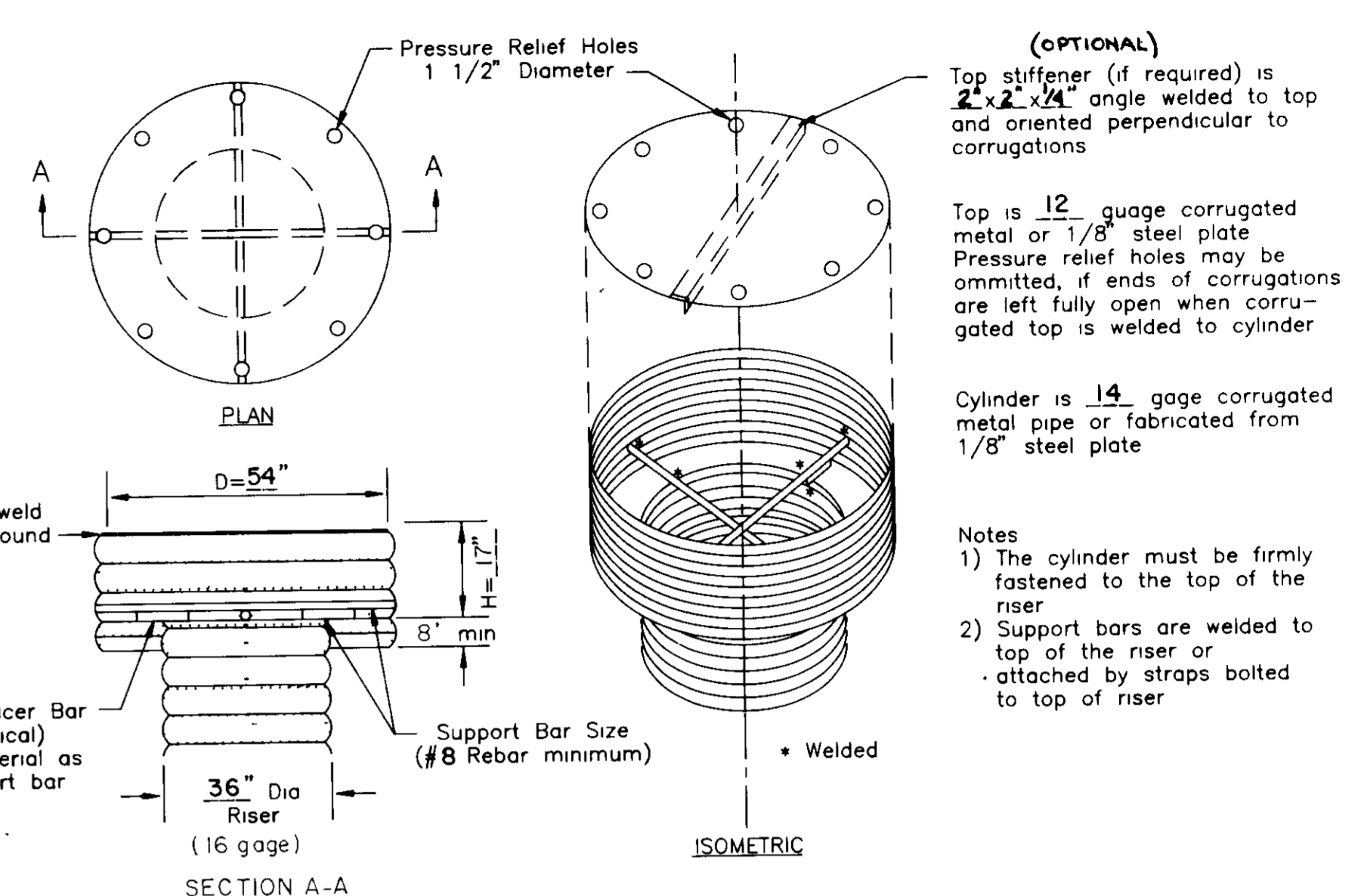
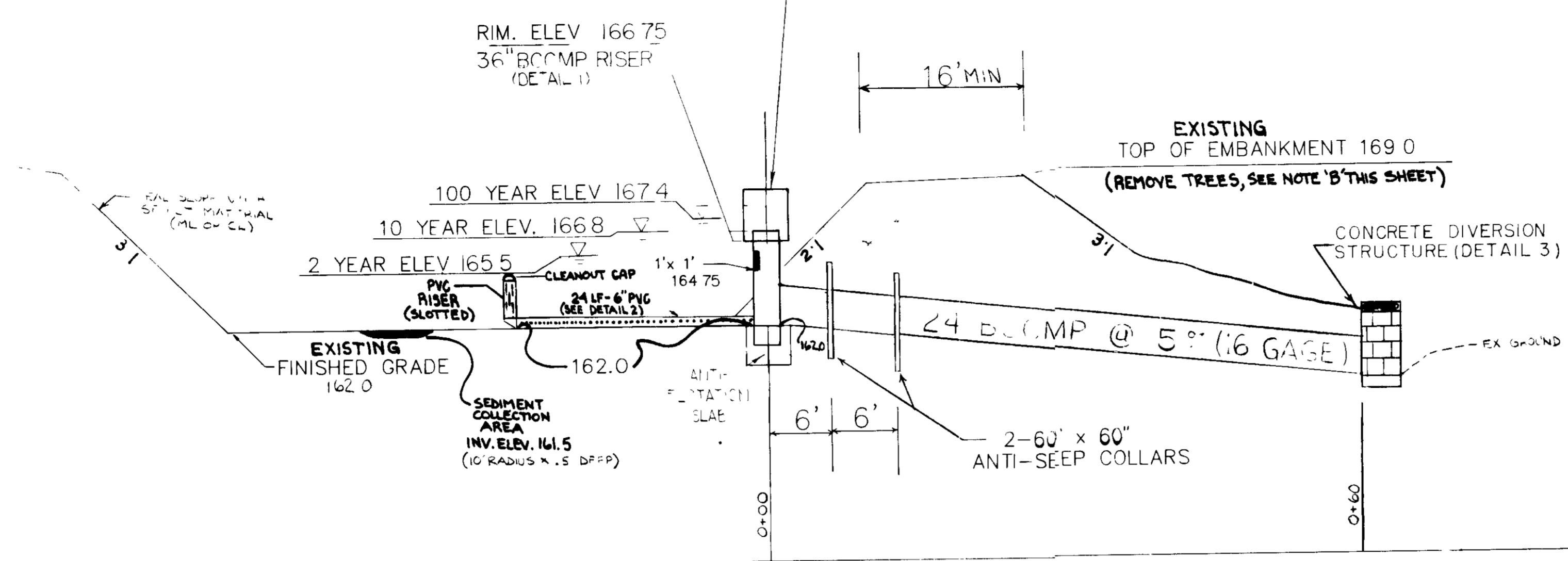
BALTIMORE AIRCOIL COMPANY, INC.  
(REVISION OF SDP-87-124)  
SEDIMENT & EROSION CONTROL PLAN  
LANDSCAPING PLAN  
PARKING FACILITY  
FIRST ELECTION DISTRICT HOWARD COUNTY, MD.  
TAX MAP NO 43 PARCELS 97 & 441  
SCALE 1" = 30'

SHEET 2 OF 3  
DES AHK  
DRW'N KMK, REC  
CHK. RHB  
J O 6344-00  
SDP 86-96

19  
18  
17  
16  
15

EX. EDGE OF PAVEMENT

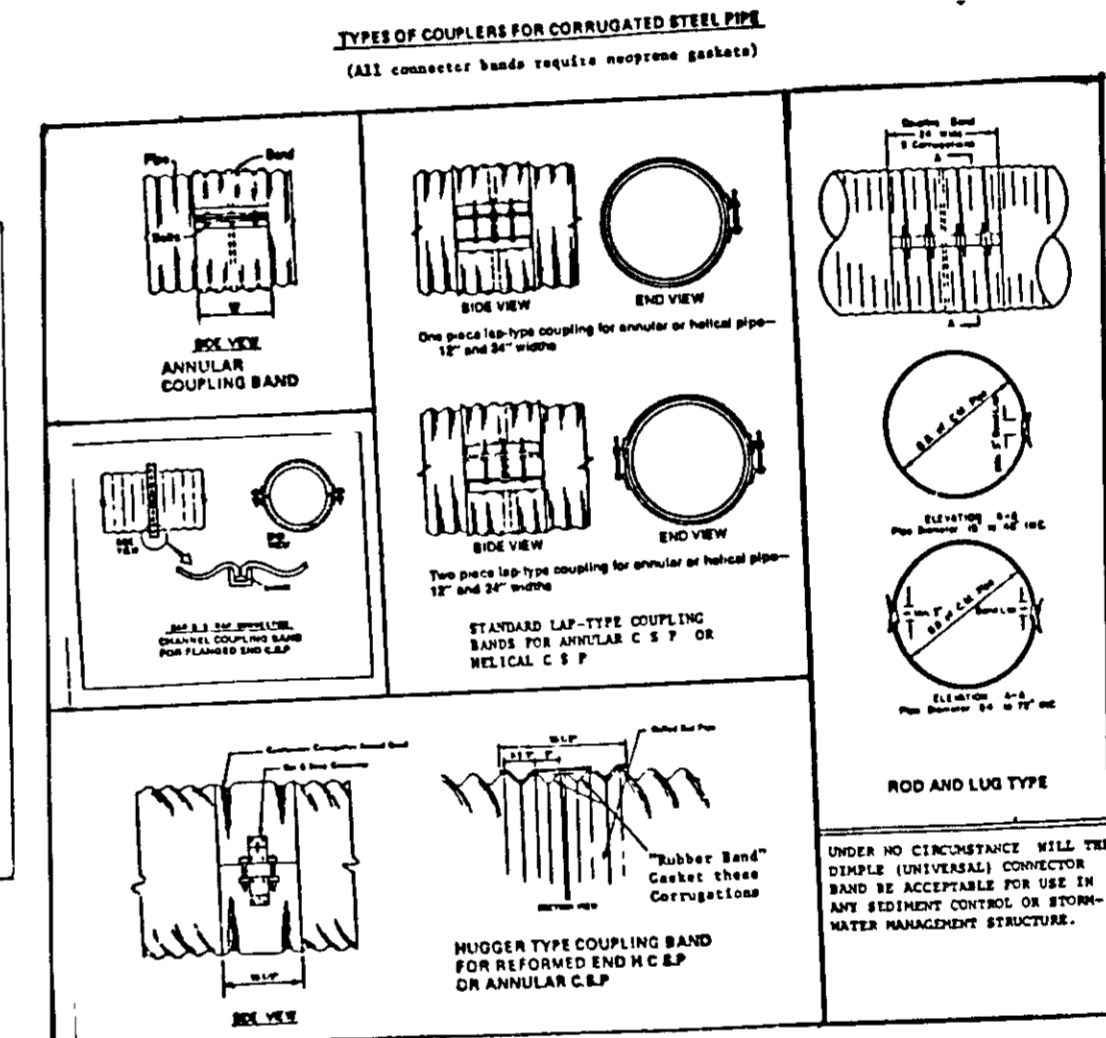
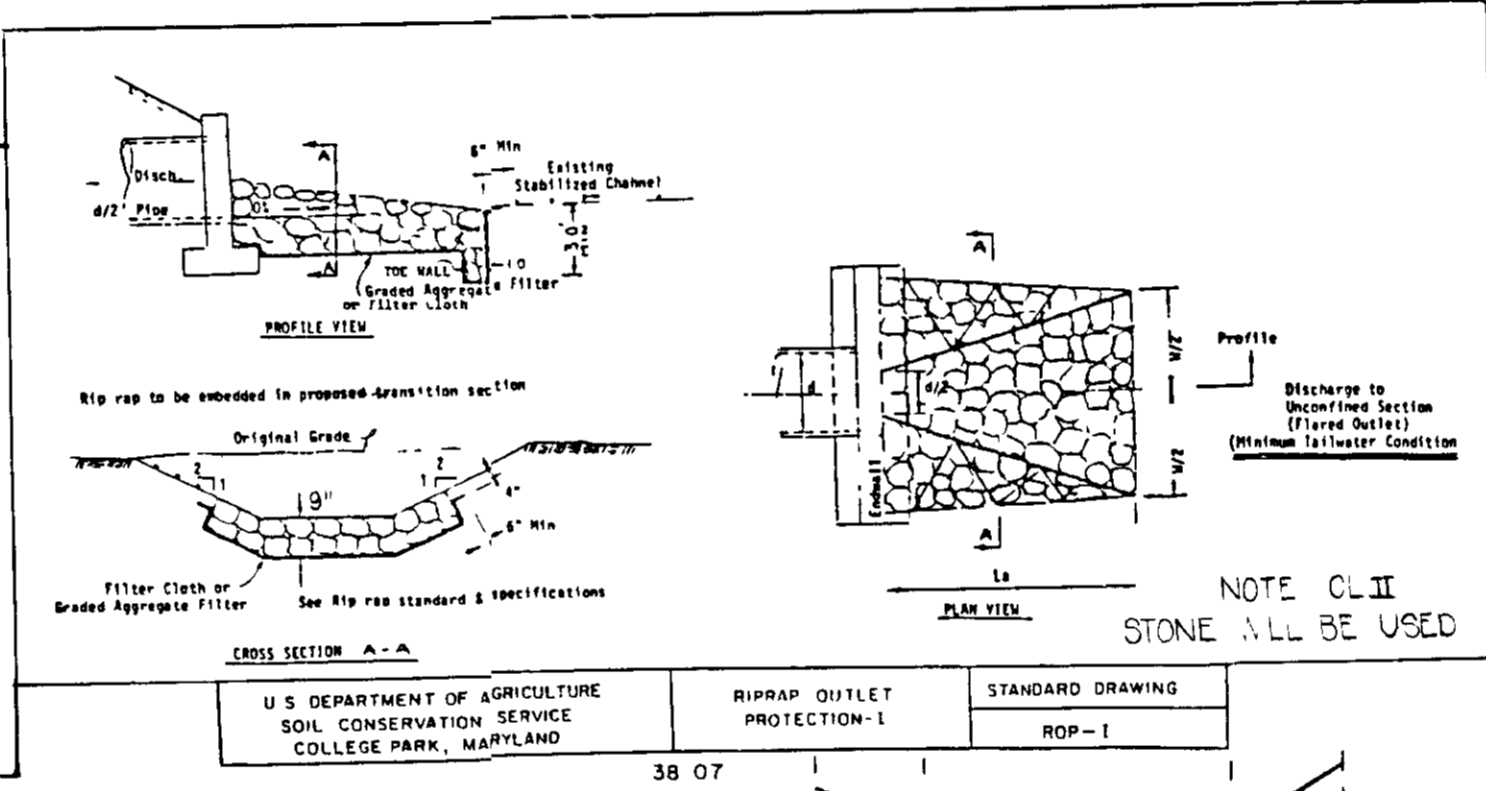
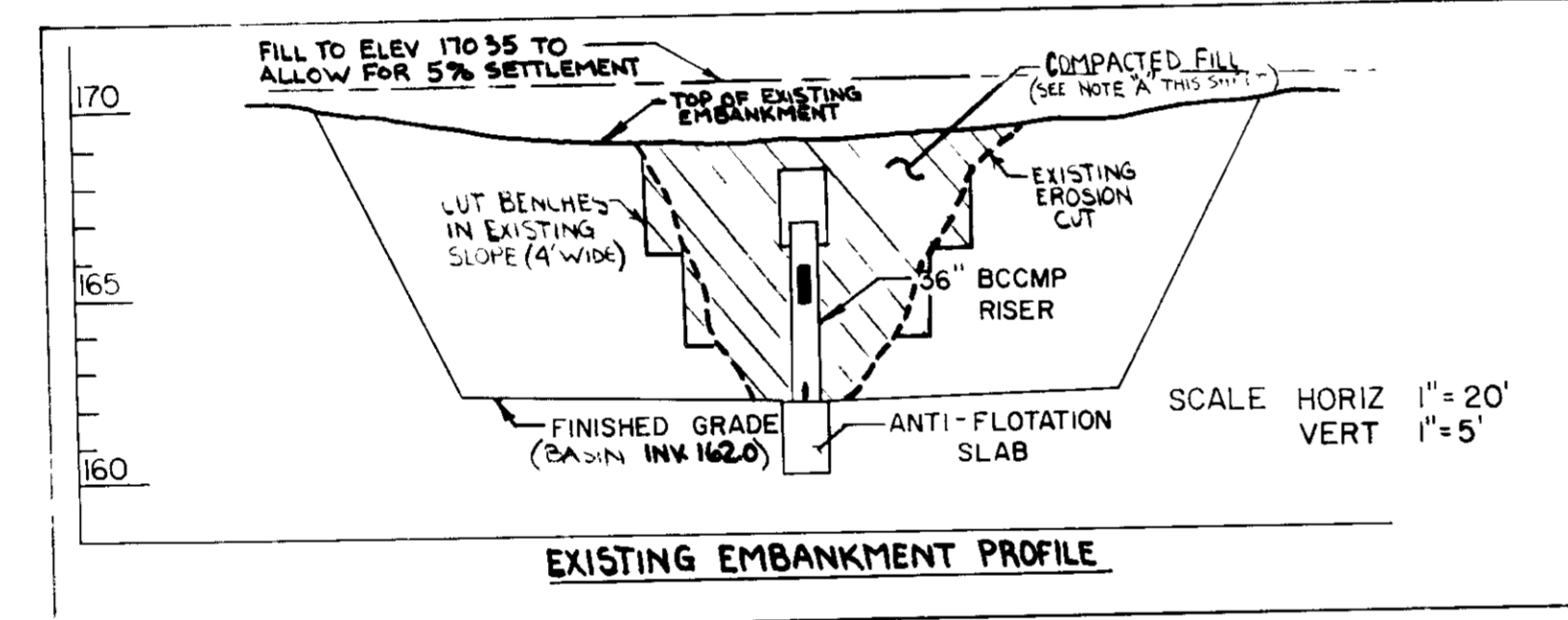
CREST ELEV. 168.83  
CONCENTRIC TRASH RACK AND ANTI-VORTEX  
DEVICE (SEE PAGE 18 20-21, MD STANDARDS AND  
SPECIFICATIONS FOR SOIL EROSION AND  
SEDIMENT CONTROL)  
CYLINDER 54" DIAMETER  
H=17'  
#8 REBAR MIN SUPPORT BAR  
14 GAUGE CYLINDER/12 GAUGE MIN TOP



CONCENTRIC TRASH RACK AND ANTI-VORTEX DEVICE  
Not to Scale

PROFILE THROUGH STORMWATER MANAGEMENT FACILITY

SCALE: HORIZ. 1"=10'  
VERT. 1"=5'

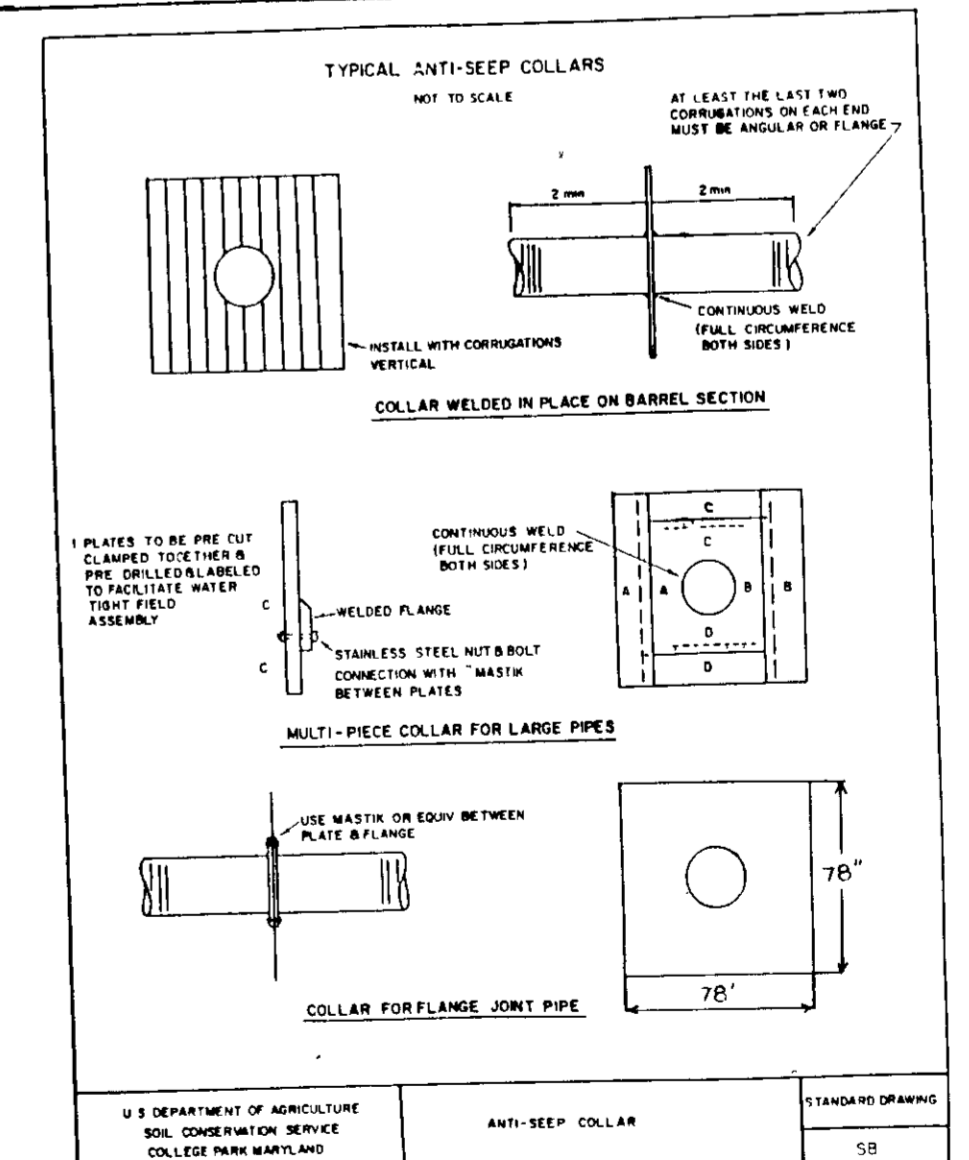
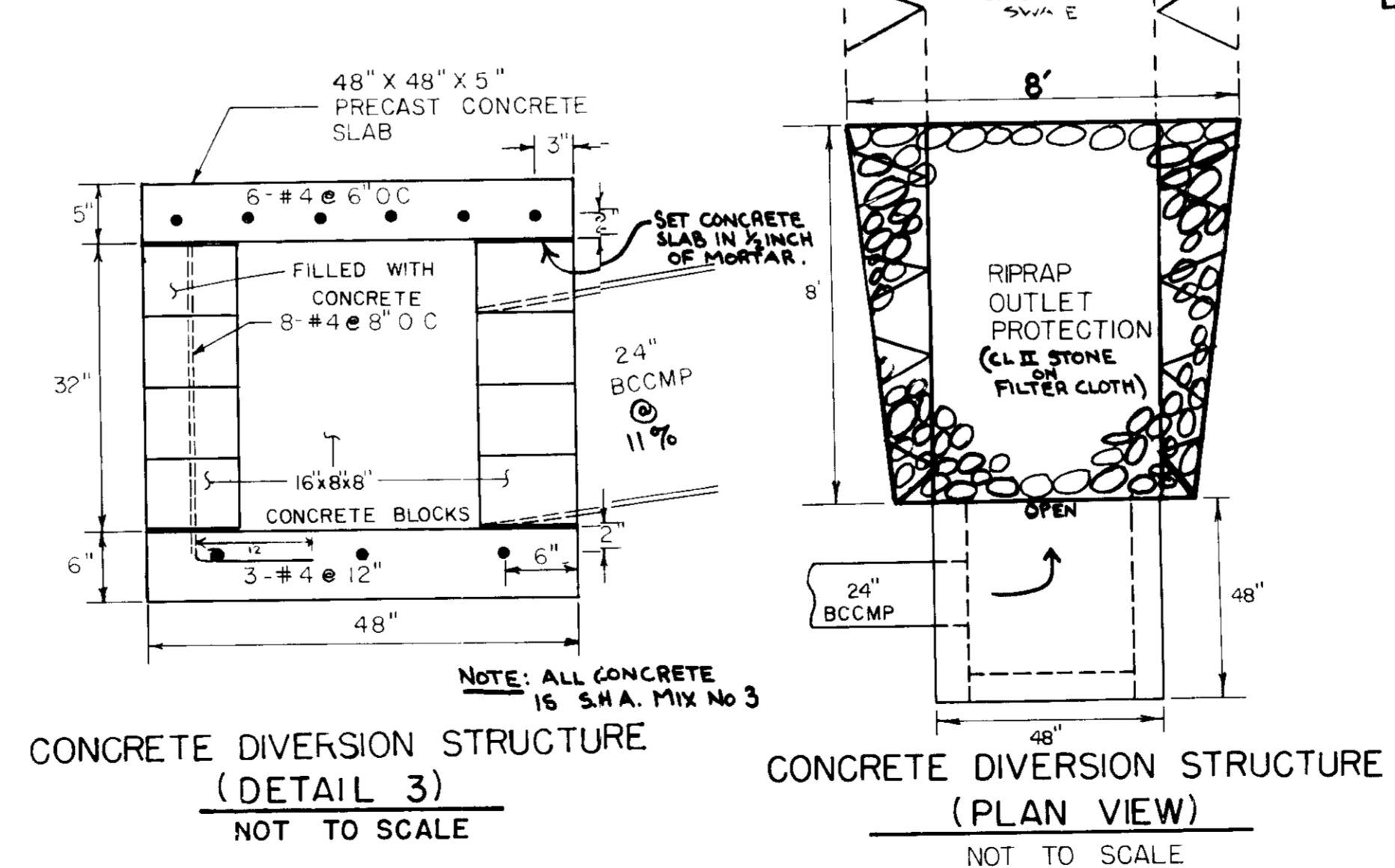
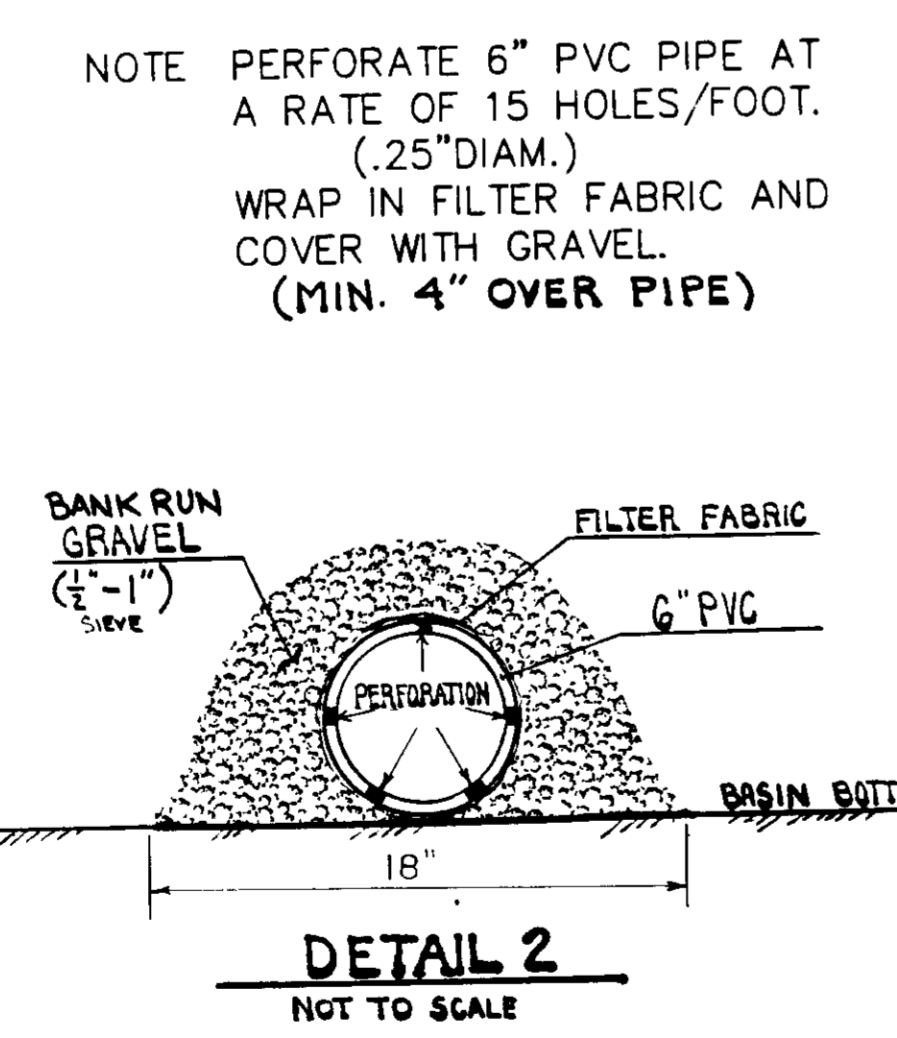
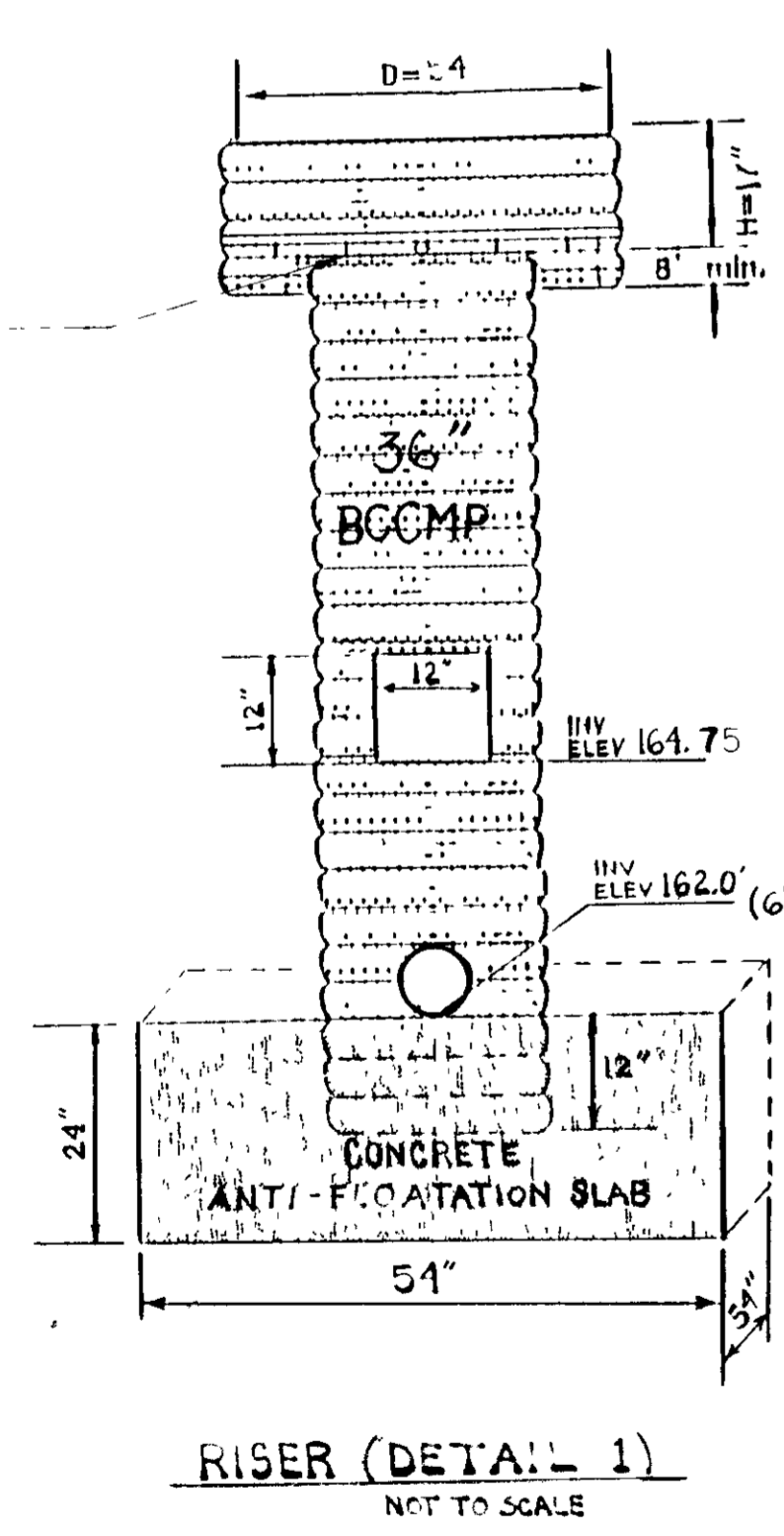


NOTE MATERIAL TO BE USED TO BACKFILL AND FINISH SLOPE SHALL BE THE SAME AS THE EXISTING EMBANKMENT. THE CUT BENCHES IN EXISTING SLOPE SHALL BE 4' WIDE AND TO BE COMPACTED TO MATCH EXISTING SLOPE. MAKE SURE ALL EROSION CONTROL MATERIAL IS PROPERLY INSTALLED.

NOTE REMOVE ALL TREES FROM DAM AREA. (NORTH OF SWM FACILITY)

12-23-87

APPROVED  
DIRECTOR  
HOWARD COUNTY DEPT. OF PLANNING & ZONING  
DATE 2/6/90  
DATE 1/31/89



By the Developer:

"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 the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

*Richard H. Berich* 2/26/89  
Richard H. Berich, P.E. Reg. No. 10959 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."

*Richard H. Berich* 2/26/89  
Richard H. Berich, P.E. Reg. No. 10959 Date

Reviewed for HOWARD S.C.D. and meets Technical Requirements

*James W. Johnson* 12/26/89  
J.W. Johnson, S.C.D. District Engineer Date

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

*Richard W. Johnson* 12/26/89  
Richard W. Johnson, S.C.D. District Engineer Date

BERNARD & WESCHKE  
CONSULTING ENGINEERS AND SURVEYORS  
1013 North Calvert Street  
Holtzman, Maryland 21112 (301) 937-1134

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPT.

*James W. Johnson* 2/24/90  
COUNTY HEALTH OFFICER DATE

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

*John J. O'Hara* 1/26/90  
DIRECTOR DATE

*Richard H. Berich* 1/19/89  
Chief, Bureau of Engineering Date

OWNER/DEVELOPER'S CERTIFICATION

I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE IN ACCORDANCE WITH THIS PLAN AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATION OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

*Richard H. Berich* 2/26/89

ENGINEER'S CERTIFICATION

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL, WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BALTIMORE CITY EROSION AND SEDIMENT CONTROL SECTION.

*Richard H. Berich* 2/26/89  
RICHARD H. BERICH - 1029 N. CALVERT ST  
BALTO. MD 21202 (301) 837-0194 DATE

*Richard H. Berich*

BALTIMORE AIRCOIL COMPANY, INC  
STORMWATER MANAGEMENT PLAN

TAX MAP 43 PARCELS 97 AND 441  
FIRST ELECTION DISTRICT HOWARD COUNTY, MD  
MAY 25, 1989 SCALE AS NOTED

SHEET 2 OF 2  
DES. G.W.  
DRAWN G.W.  
CHK. K.M.B.  
J.O. 6344-00  
50P 86-96