

REVISION	
PARKING LOT	7/18/90

### CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT AND ENTRANCE PERMIT
- NOTIFY THE MD CO. BUREAU OF LICENSE INSPECTIONS AND PERMITS AND CONSTRUCTION INSPECTION SURVEYS DIVISION 24 HOURS PRIOR TO GRADING OPERATIONS
- INSTALL TEMPORARY SEDIMENT CONTROL MEASURES (S.C.E., P.D. & S.B.D.)
- CONSTRUCT S.W.M. BASIN AND BENCHES, BLOCK ORIFICE (SEE DETAIL, SHT 2 OF 2) AND USE FOR TRAP
- INSTALL ENTRANCE AND PAVE PARKING LOT, CONSTRUCT RAMPS AND DECKS
- MAINTAIN ALL SEDIMENT CONTROL MEASURES
- FINE GRADE, APPLY PERMANENT STABILIZATION MEASURES
- RESTORE S.W.M. BASIN TO ORIGINAL SIZE BY:
  - QUANTIFY STANDING WATER IF ANY, THRU PRINCIPAL SPILLWAY
  - SHAPE BASIN TO ORIGINAL SIZE BY REMOVING EXCESS SEDIMENT AND STABILIZE BASIN AREA
  - EXCESS SEDIMENT TO BE REMOVED FROM SITE AND DEPOSITED ON A SITE WITH EXISTING AND APPROVED EROSION CONTROL MEASURES
- REMOVE TEMPORARY SEDIMENT CONTROL MEASURES (BLOCKING, S.C.E., P.D. & S.B.D.) WITH APPROVAL OF THE MD CO. BUREAU OF LICENSE INSPECTIONS & PERMITS

### SITE ANALYSIS

AREA OF SITE: 3.3 AC.  
 AREA PAVED: 0.3 AC.  
 AREA DISTURBED: 1.1 AC.  
 AREA UNDISTURBED: 0.7 AC.  
 AREA REVEGETATED: 0.8 AC.

### SEDIMENT CONTROL NOTES

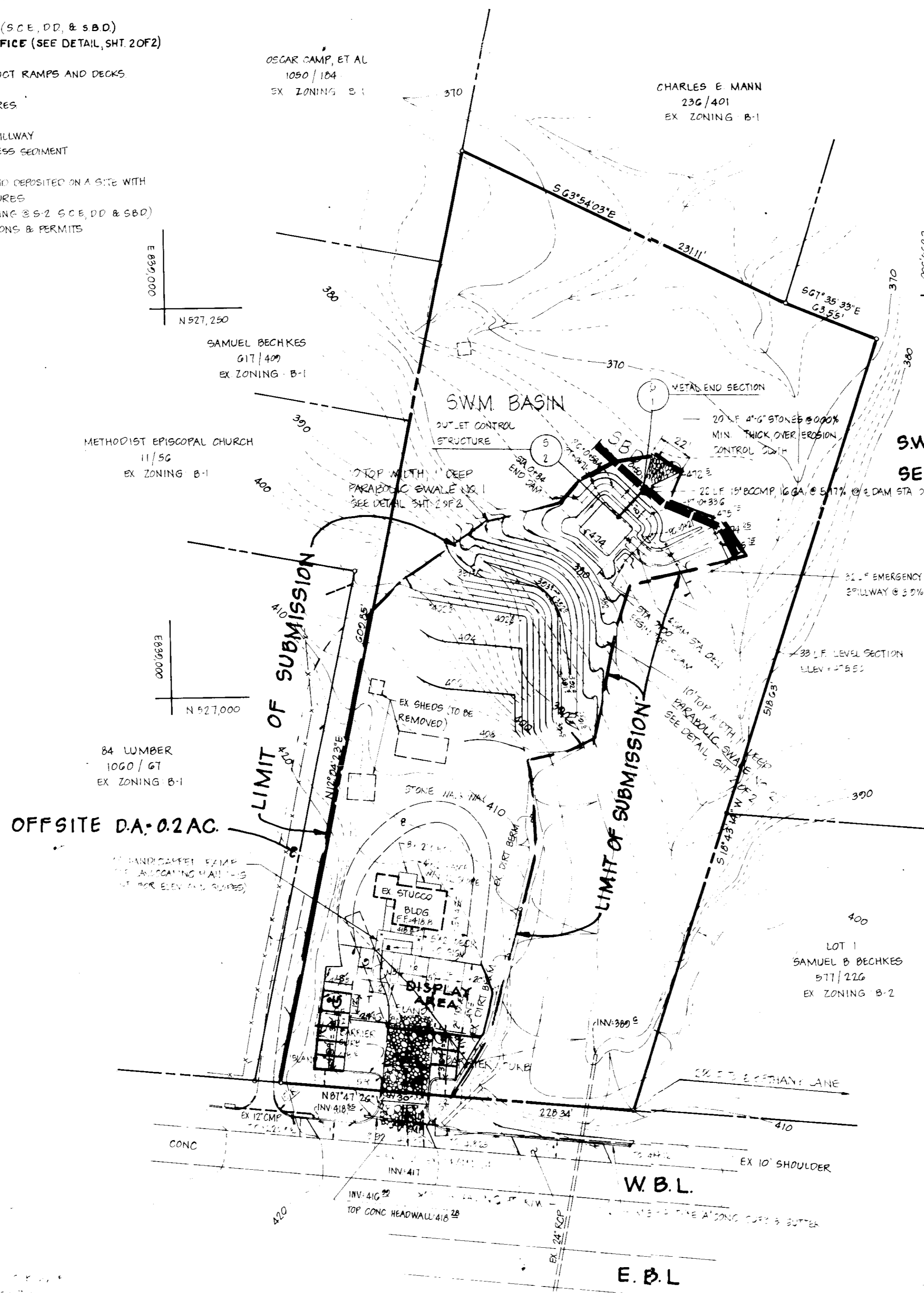
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS PREPARED BY THE U.S.D.A. SOIL CONSERVATION SERVICE
- APPLY FOR GRADING PERMIT
- NOTIFY THE BUREAU OF LICENSE INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATIONS
- CONSTRUCTION SHALL ADHERE TO THE CONSTRUCTION SEQUENCE
- CUT AND FILL SLOPES SHALL BE 3:1 MAXIMUM
- ELEVATIONS MARKED THUS (X) SHALL BE FINISHED GRADE
- ANY EXCESS MATERIAL SHALL BE STOCKPILED IN A CLEARED LOCATION ON SITE WHICH IS PROTECTED BY SEDIMENT CONTROL STRUCTURE(S) MAXIMUM FILL SLOPE SHALL BE 3:1. STOCKPILED MATERIAL SHALL BE STABILIZED ACCORDING TO SEEDING SPECIFICATIONS BELOW
- SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED ONLY WITH PERMISSION OF THE BUREAU OF LICENSE, INSPECTIONS AND PERMITS
- STABILIZATION MEASURES
- TEMPORARY STABILIZATION:
  - APPLY: 4,000 LBS./AC. OR 46 LBS. OF PULVERIZED DOLOMIC LIMESTONE 500 LBS./AC. OR 11.5 LBS./1000 SQ. FT. OF 10-10-10 FERTILIZER. PLANT WITH RYEGRASS AT 40 LBS./AC. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING
- PERMANENT STABILIZATION:
  - APPLY: 4,000 LBS./AC. OF PULVERIZED DOLOMIC LIMESTONE
  - 500 LBS./AC. OF 10-10-10 FERTILIZER
  - SEED: 85 LBS./AC. OF KENTUCKY 31 TALL FESCUE
  - 40 LBS./AC. OF KENTUCKY BLUE GRASS
  - 25 LBS./AC. OF ANNUAL RYEGRASS
- NOTE: SEEDING MAY BE DONE BETWEEN MARCH 1 - MAY 1, OR AUG. 1 - OCT. 1 ONLY. MULCH ALL DISTURBED AREAS IMMEDIATELY AFTER GRADING.
- MULCH: 2 TONS/AC. OF UNWEATHERED WHEATSTRAW TIE MULCH DOWN WITH 480 GAL./AC. OF LIQUID ASPHALT.

### VICINITY MAP

SCALE: 1"=1200'

### GENERAL NOTES

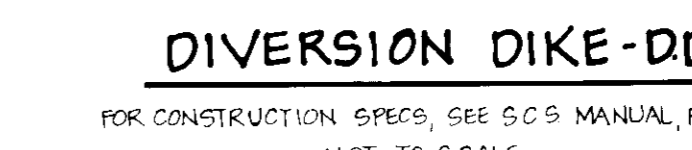
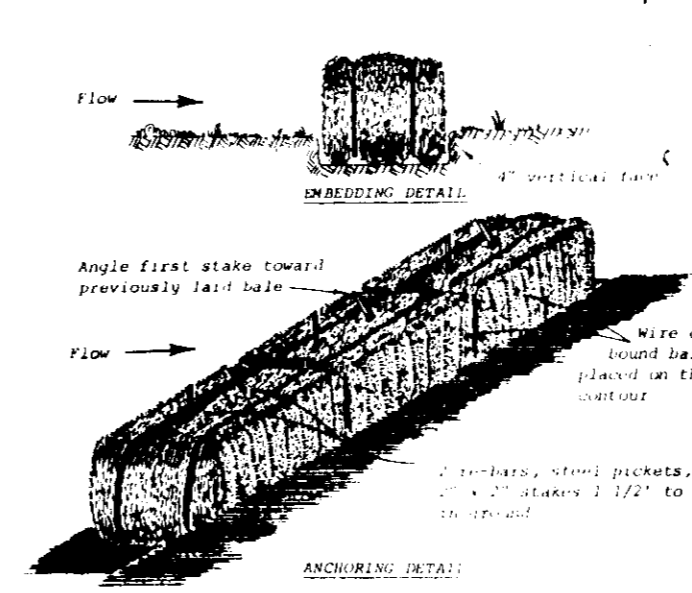
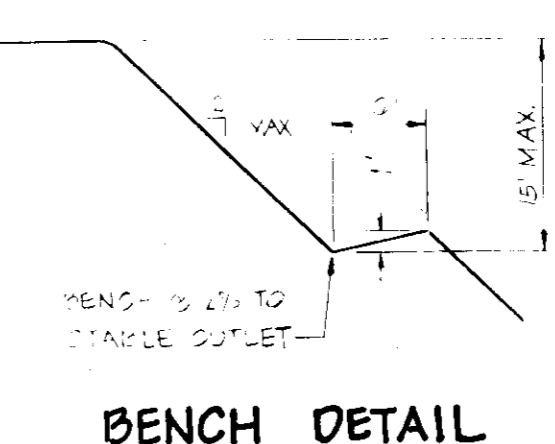
- TAX MAP 24 PARCEL 14
- TOPO SHOWN HEREON WAS FIELD RUN BY BOENDER ASSOCIATES, INC. AND TIED TO HOWARD COUNTY CONTROL STATION NO. B241002
- DEED REFERENCE
- SITE USE: PLANT SHOP, RETAIL SALES
- EX ZONING: B-1
- TOTAL AREA OF SITE: 3.31 AC.
- TOTAL AREA OF SUBMISSION: 1.3 AC.
- PARKING TABULATIONS:
  - REQUIRED: 1 SPACE PER 200 SF OF FLOOR AREA
  - 1042 SQ. FT. - 200 - 6 SPACES (R-10)
  - PROVIDED: 6 SPACES (INCLUDES 1 HANDICAPPED)
- BLDG. COVERAGE, EXISTING STRUCTURE: 1042 SF OR 202 AC. (1.8%)
- U.S. RTE 40 IS AN EXISTING, PUBLIC, STATE MAINTAINED ROAD
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOL. III



**SW.M. BASIN TO BE USED AS SEDIMENT TRAP DURING CONSTRUCTION**  
**BLOCK ORIFICE (SEE DETAIL, SHT. 2 OF 2)**

### SEDIMENT TRAP DATA

NO. SPACES	NO. REQ'D	NO. PROVIDED	BOTTOM SIZE	BOTTOM SLOPE	DEPTH	CLEAN OUT
1042	200	6	1/2"	3%	18"	18"



3-4-83  
*[Signature]*

**OWNERS**  
 TERRY M. ANDREWS & ANGELINE NANNI & JACK D'EGLE  
 1/2 TERRY M. ANDREWS J.P. COLE & ASSOC.  
 10132 BALTO. NATIONAL PIKE THE ADULT BLDG.  
 ELLICOTT CITY, MD 21043 BALTO. NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

**DEVELOPER**  
 THE GREEN HOUSE  
 1/2 TERRY M. ANDREWS  
 10132 BALTO. NATIONAL PIKE  
 ELLICOTT CITY, MD 21043

APPROVED FOR WATER AND SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.	<i>[Signature]</i> DATE: 3-7-83
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING.	<i>[Signature]</i> DATE: 3-7-83
APPROVED FOR DIVISION OF LAND DEVELOPMENT.	<i>[Signature]</i> DATE: 3-7-83
APPROVED FOR WATER AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.	<i>[Signature]</i> DATE: 3-7-83
APPROVED FOR BUREAU OF ENGINEERING.	<i>[Signature]</i> DATE: 3-7-83

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

*[Signature]* 3-7-83 DATE  
 U.S. SOIL CONSERVATION SERVICE

*[Signature]* 3-7-83 DATE  
 HOWARD SOIL CONSERVATION DISTRICT

**DEVELOPER'S CERTIFICATE**  
 I 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 ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

*[Signature]* 2-1-83 DATE  
 DEVELOPER: TERRY M. ANDREWS

**ENGINEER'S CERTIFICATE**  
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*[Signature]* DATE

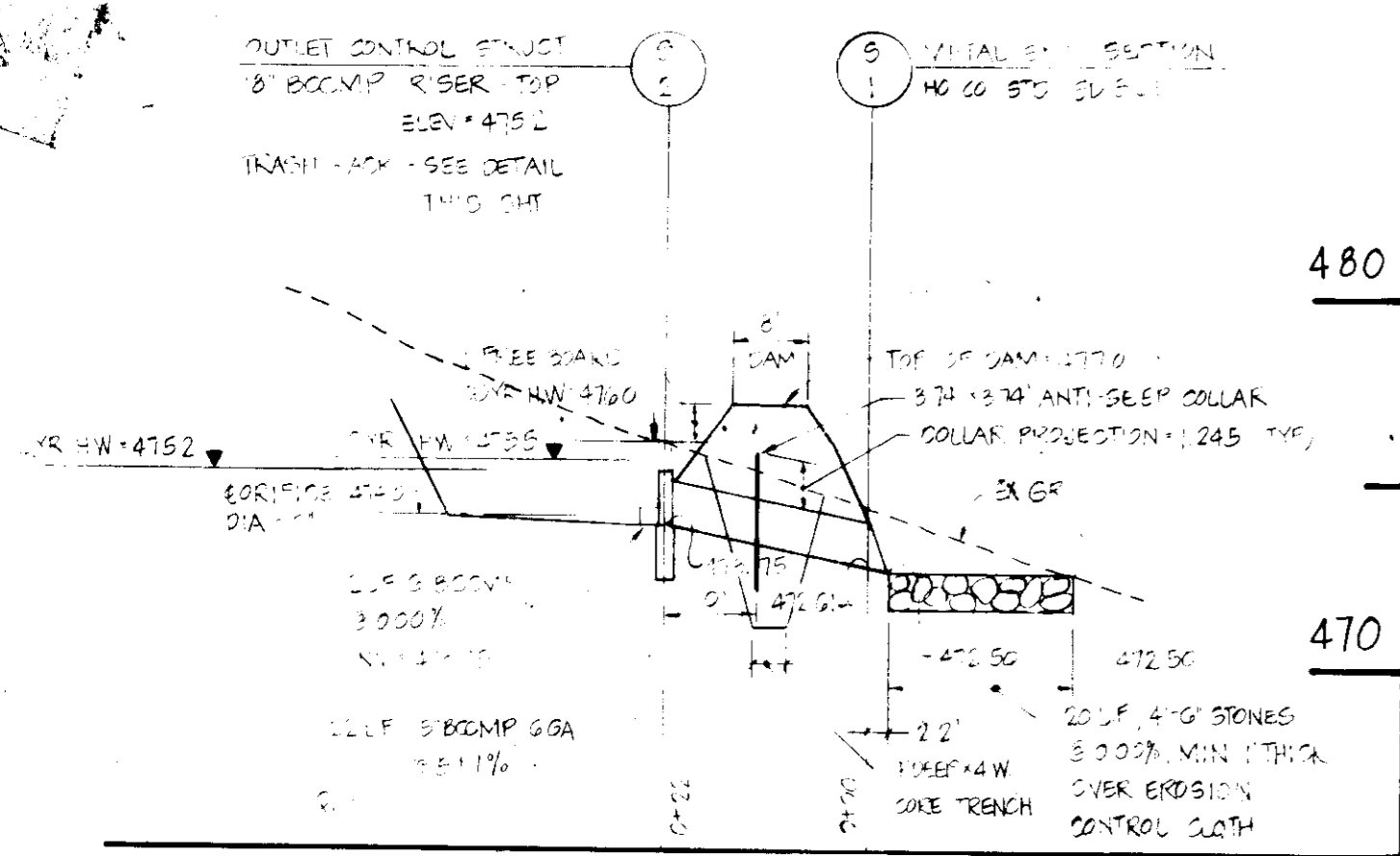
**SITE DEVELOPMENT PLAN**  
**THE GREEN HOUSE**

2ND ELECTION DISTRICT TAX MAP 24 HOWARD COUNTY MD

DATE: FEB 1983 SCALE: 1"=50' FILED BY: JJB DRAWN BY: LBY PERMITS: 1-08-2 82183

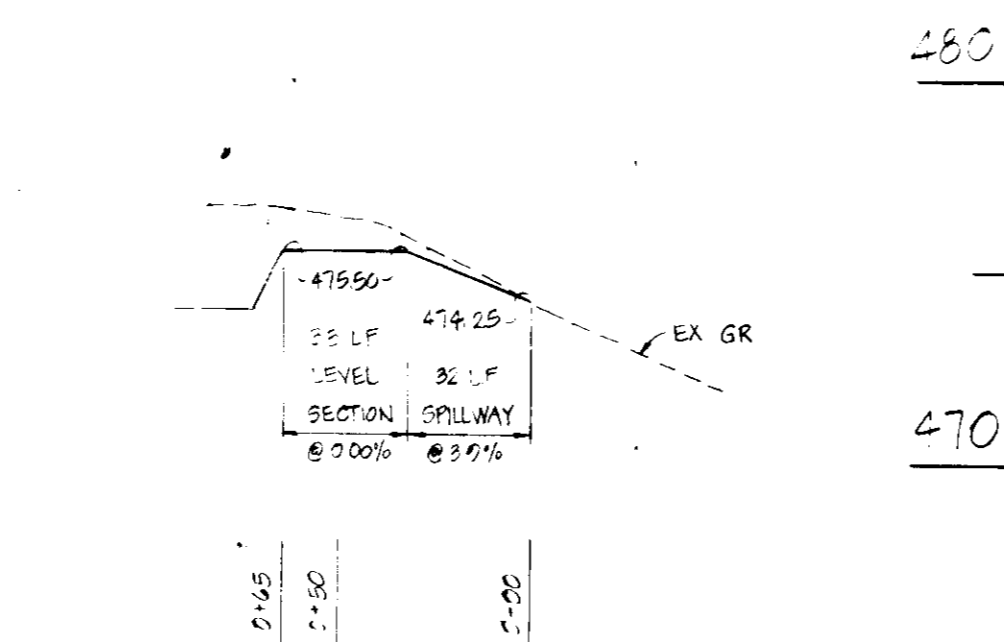
**boender associates** engineers/planners  
 3565 A COURT SQUARE  
 ELLICOTT CITY, MARYLAND 21043  
 301 465 7777

**SDP-83-123**



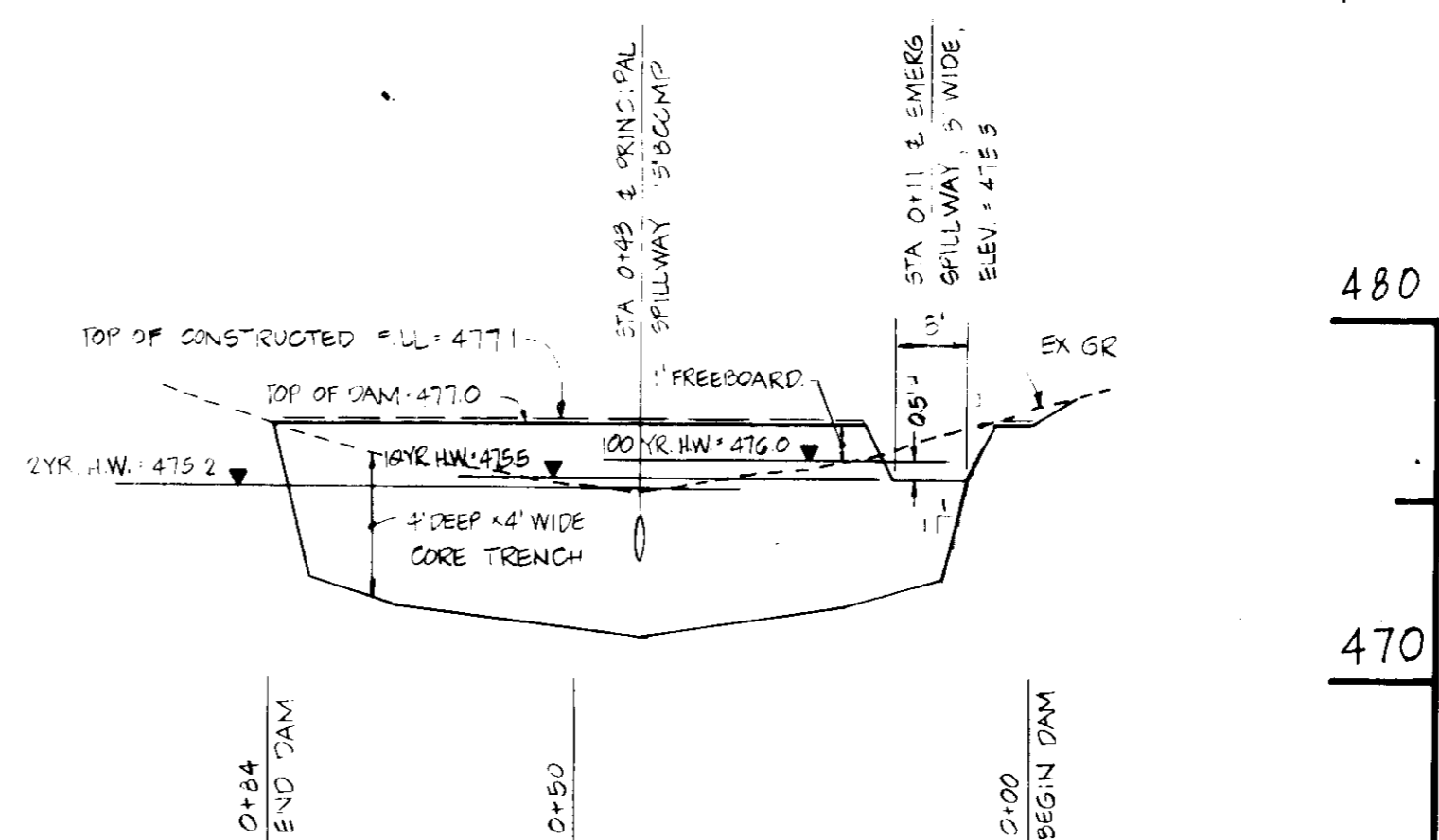
PROFILE - PRINCIPAL SPILLWAY

SCALE: HORIZ 1"=20'  
VERT 1"=5'



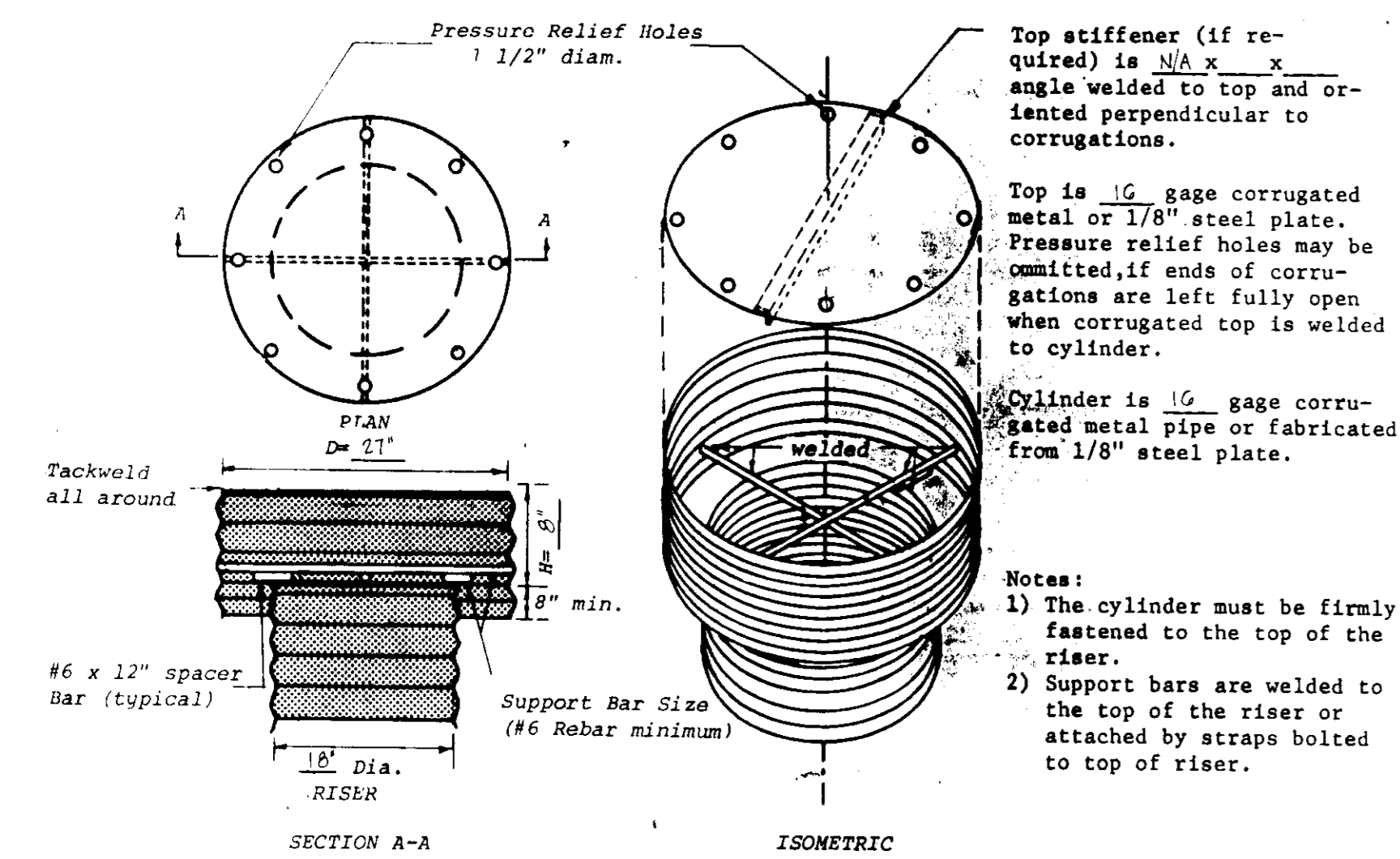
PROFILE: EMERGENCY SPILLWAY

SCALE: HORIZ 1"=50'  
VERT 1"=5'



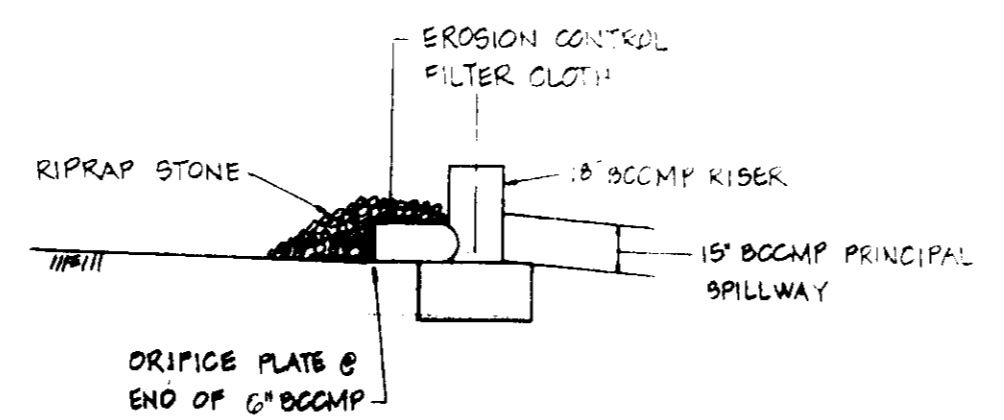
PROFILE: TOP OF DAM

SCALE: HORIZ 1"=20'  
VERT 1"=5'



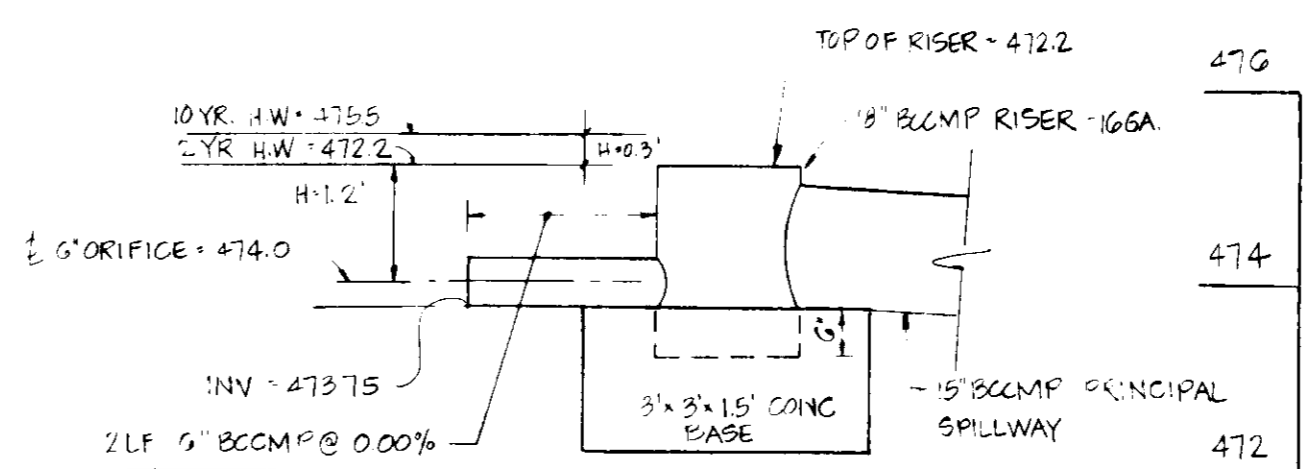
TRASH RACK & ANTI-VORTEX DEVICE

NOT TO SCALE



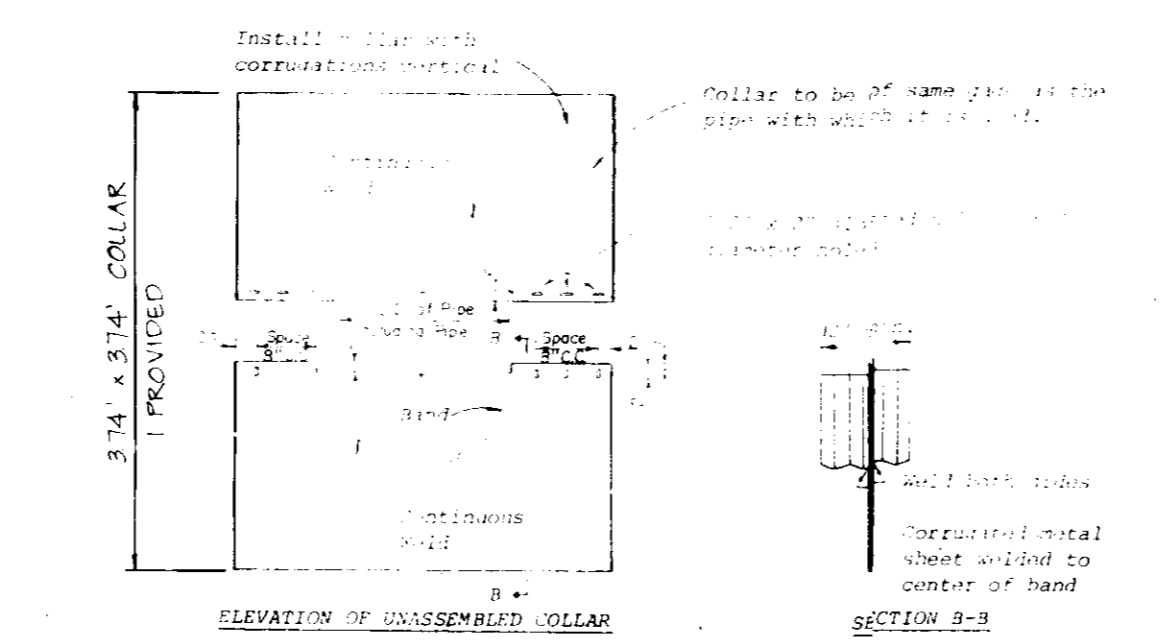
BLOCKING DETAIL AT 5-2

NOT TO SCALE



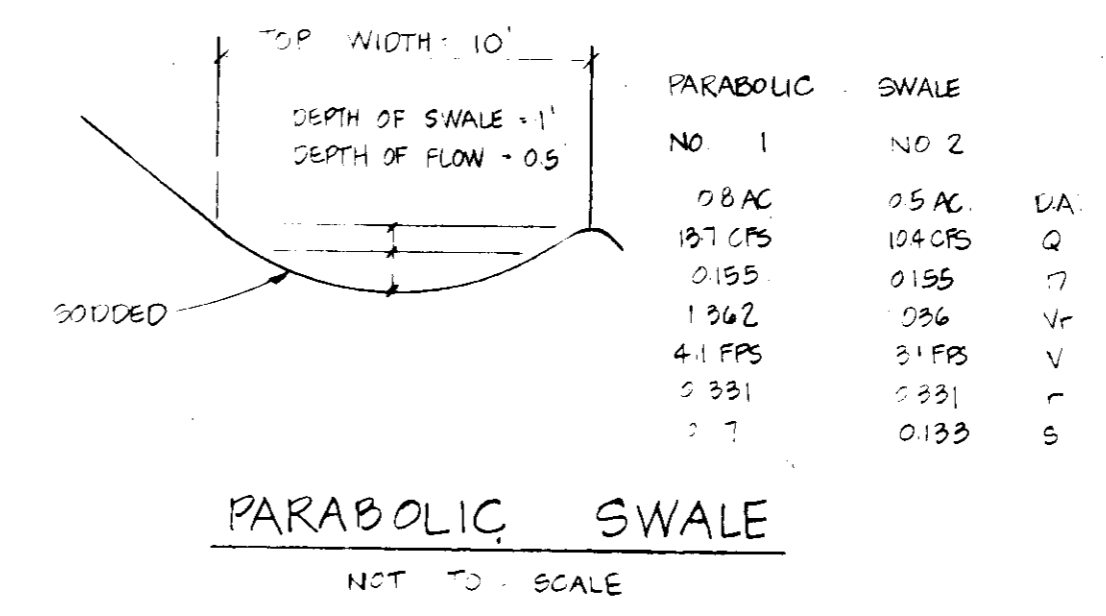
OUTLET CONTROL STRUCTURE - 5-2

SCALE: HORIZ 1"=2'  
VERT 1"=2'



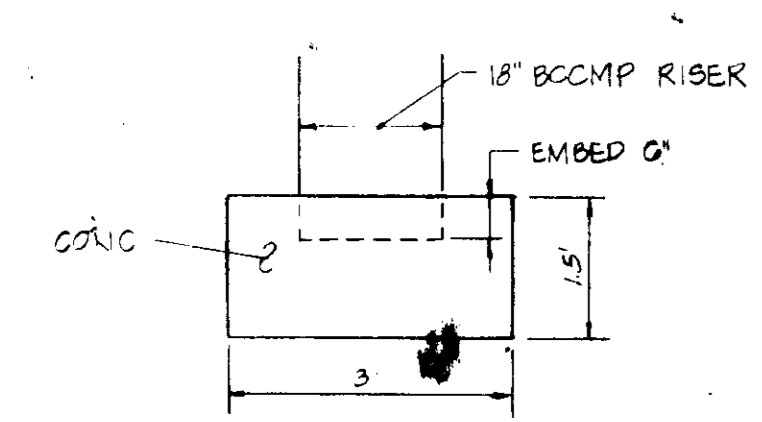
ANTI-SEEP COLLAR DETAIL

NOT TO SCALE  
SEE SCS MANUAL - PG A-19-25



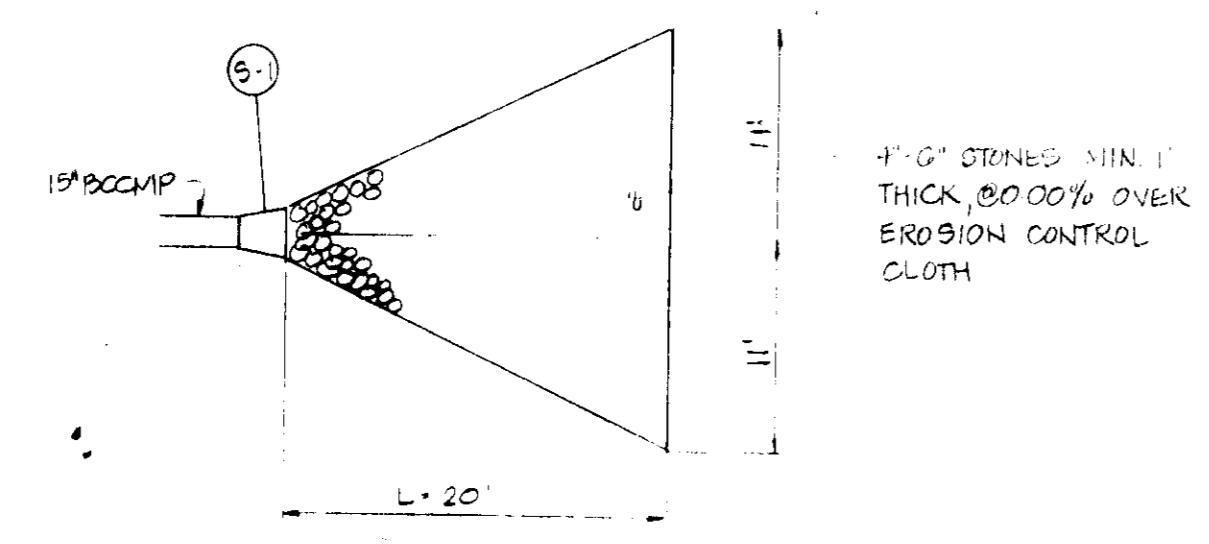
PARABOLIC SWALE

NOT TO SCALE



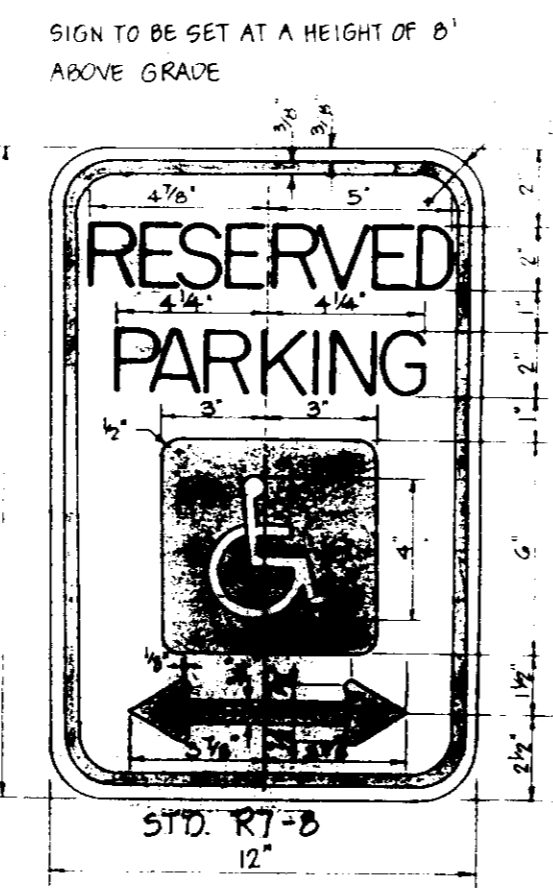
RISER BASE DETAIL

NOT TO SCALE



RIPRAP DETAIL AT 5-1

NOT TO SCALE



HANDICAPPED SIGN DETAIL

NOT TO SCALE

APPROVED: FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT.  
*James P. ...* 3-7-83  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*James M. ...* 3-7-83  
PLANNING DIRECTOR DATE

APPROVED: DIVISION OF LAND DEVELOPMENT  
*William ...* 3-7-83  
CHIEF DATE

APPROVED: FOR PUBLIC WATER, SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
*...* 3-7-83  
DIRECTOR DATE

CHIEF, BUREAU OF ENGINEERING DATE 3-7-83

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
*James M. ...* 3-7-83  
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*...* 3-7-83  
HOWARD SOIL CONSERVATION DISTRICT DATE

DEVELOPER'S CERTIFICATE  
I 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 ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
*Terry M. Andrews* 2/20/83  
DEVELOPER - TERRY M. ANDREWS DATE

ENGINEER'S CERTIFICATE  
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*William B. ...* 3-2-83  
DATE

APPROVED  
DIVISION OF LAND DEVELOPMENT  
ZONING ADMINISTRATOR  
HOWARD COUNTY, MARYLAND  
DATE 3-4-83  
*...*

OWNERS  
TERRY M. ANDREWS & ANGELINE WANNI & JACK CUSLE  
1/4 TERRY M. ANDREWS  
10132 BALTO. NATIONAL PIKE  
ELICOTT CITY, MD 21043

J.P. CUMBLE & ASSOC  
THE ALLNUTT BLDG  
BALTO. NATIONAL PIKE  
ELICOTT CITY, MD 21043

DEVELOPER  
THE GREEN HOUSE  
96 TERRY M. ANDREWS  
10132 BALTO. NATIONAL PIKE  
ELICOTT CITY, MD 21043

TITLE: PROFILES AND DETAILS  
PROJECT: THE GREENHOUSE  
LOCATION: 2ND ELECTION DISTRICT TAX MAP 24 HOWARD COUNTY, MD  
DATE: FEB 1985  
DESIGN BY: JJB  
DRAWN BY: JJB  
CHECKED BY: JJB  
DRAWING NO: 200-2  
SHEET NO: 82183

boender associates  
3565 A COURT SQUARE  
ELICOTT CITY, MARYLAND 21043  
301-465-7777

engineers  
surveyors  
planners