









**STORM WATER MANAGEMENT FOND CERTIFICATION AND APPROVAL**

**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 THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT BEFORE BEGINNING THE PROJECT. I SHALL OBTAIN A PROFESSIONAL ENGINEER TO SUPERVISE FOND CONSTRUCTION AND PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN UPON THE COMPLETION OF FOND CONSTRUCTION. I ALSO AUTHORIZE PERSONS ON-SITE TO OBTAIN PERMITS FROM THE HOWARD SOIL CONSERVATION DISTRICT."

*John R. Paul*  
SIGNATURE OF DEVELOPER  
DATE: 2/20/94

**ENGINEER'S CERTIFICATE**

"I CERTIFY THAT THIS PLAN FOR FOND 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 IF MOST PARTS OF THE HOWARD SOIL CONSERVATION DISTRICT WITH AN 'AS-BUILT' PLAN UPON THE COMPLETION OF FOND CONSTRUCTION."

*Patricia Engler Las*  
SIGNATURE OF ENGINEER  
DATE: 2/25/94

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

THESE PLANS FOR SMALL FOND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

*Patricia Engler Las*  
SIGNATURE OF ENGINEER  
DATE: 2/25/94

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
DATE: 4/16/94

APPROVED: DEPARTMENT OF PUBLIC WORKS  
DATE: 3/25/94

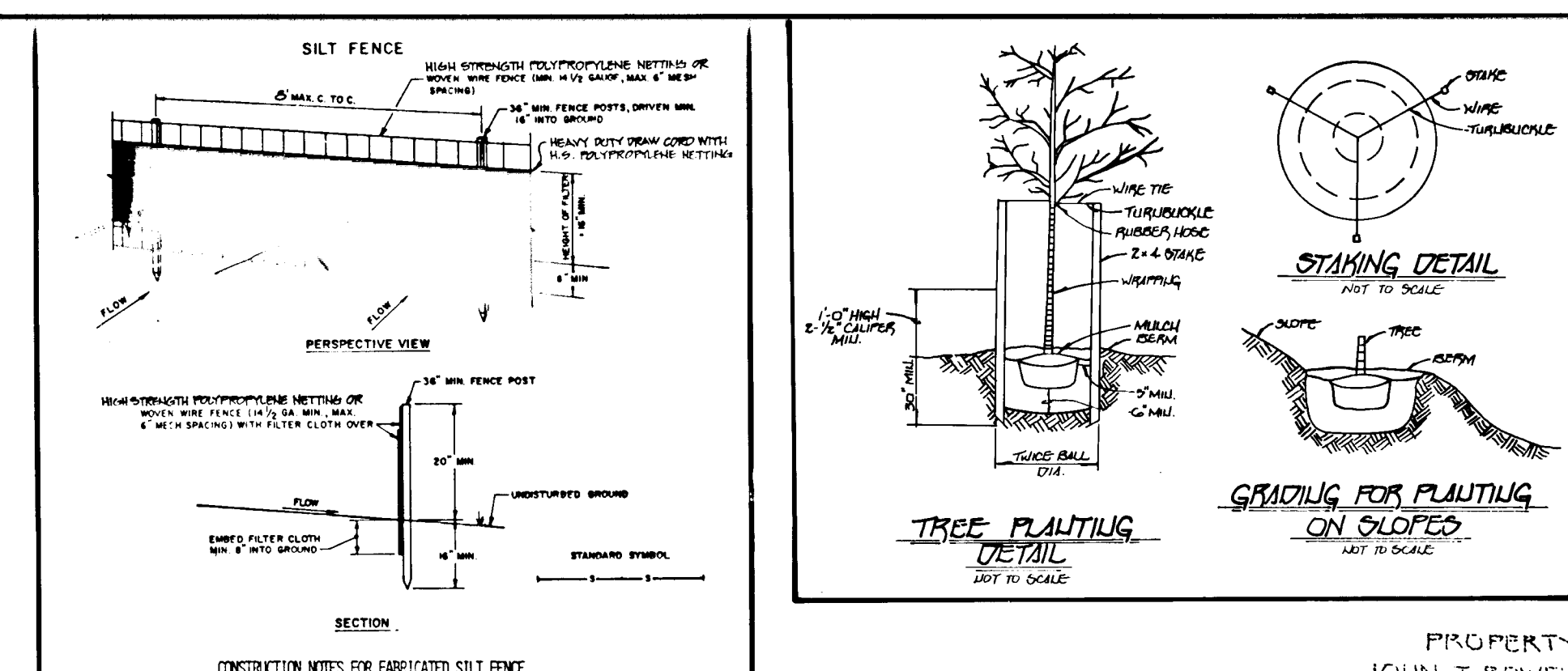
APPROVED: DEPARTMENT OF PUBLIC WORKS  
DATE: 3/17/94

FOND CONSTRUCTION CERTIFICATION

I CERTIFY THAT UPON COMPLETION OF CONSTRUCTION I WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE (O&M) OF THE SMALL FOND. O&M WILL BE PERFORMED BY ME IN ACCORDANCE WITH THE SPECIFICATIONS ON THIS PLAN. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY SITE AND LOCAL AGENCIES.

*John R. Paul*  
SIGNATURE OF DEVELOPER  
DATE: 2/20/94

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 3/25/94



**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

1. WALL STRUCTURE: POLYPROPYLENE NETTING OF 20 MESH TO BE FASTENED TO 2" X 4" WOOD POSTS WITH 1/2" DIA. GALV. NAILS.
2. FILTER CLOTH TO BE FASTENED TO BOTH SIDES OF WALL WITH 1/2" DIA. GALV. NAILS.
3. WALLS TO BE 2' HIGH AND 12' WIDE AT TOP AND MID SECTION.
4. WALLS TO BE 2' HIGH AND 12' WIDE AT TOP AND MID SECTION.
5. WALLS TO BE 2' HIGH AND 12' WIDE AT TOP AND MID SECTION.
6. WALLS TO BE 2' HIGH AND 12' WIDE AT TOP AND MID SECTION.
7. WALLS TO BE 2' HIGH AND 12' WIDE AT TOP AND MID SECTION.

**CONSTRUCTION SPECIFICATIONS FOR ST-VI**

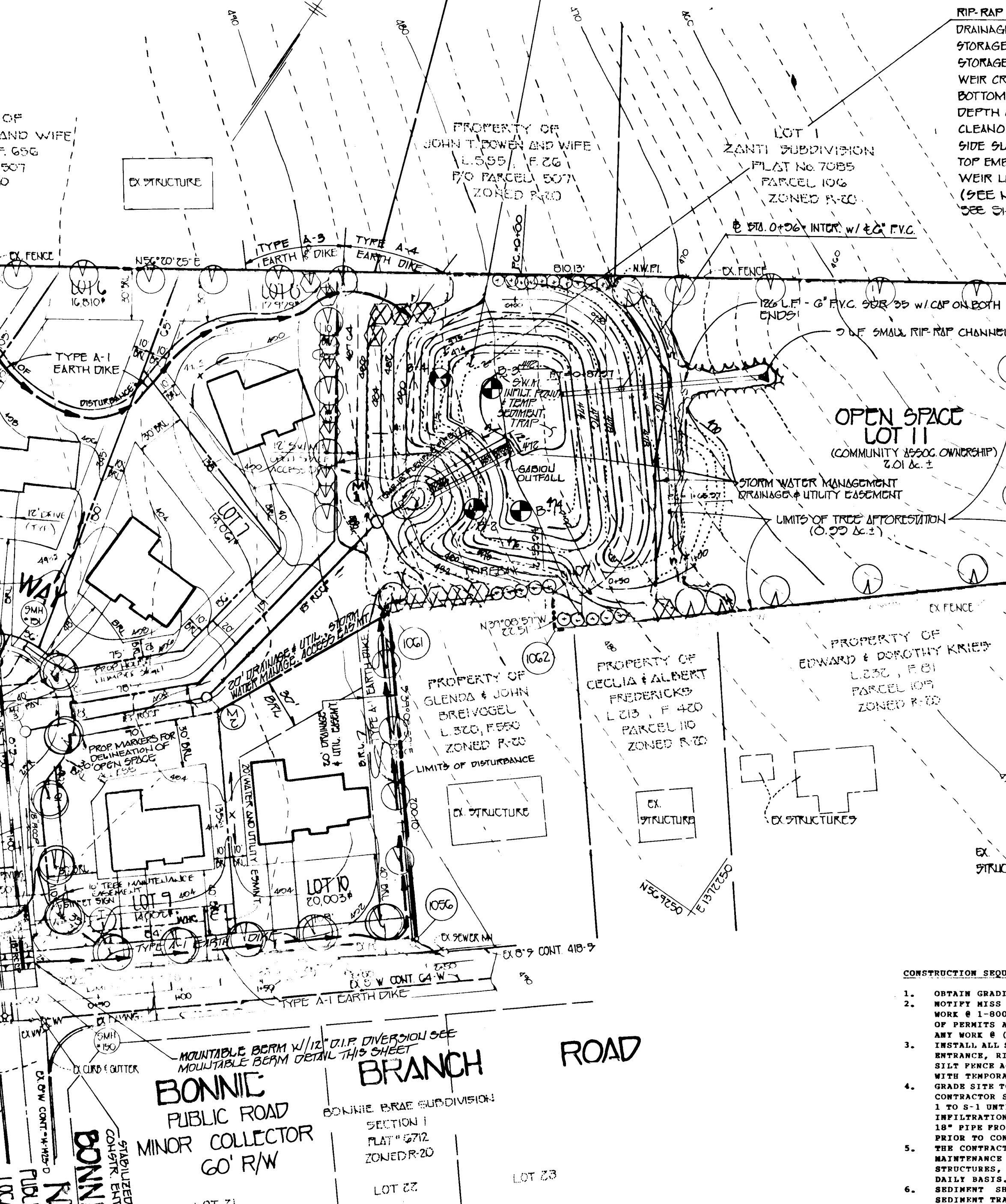
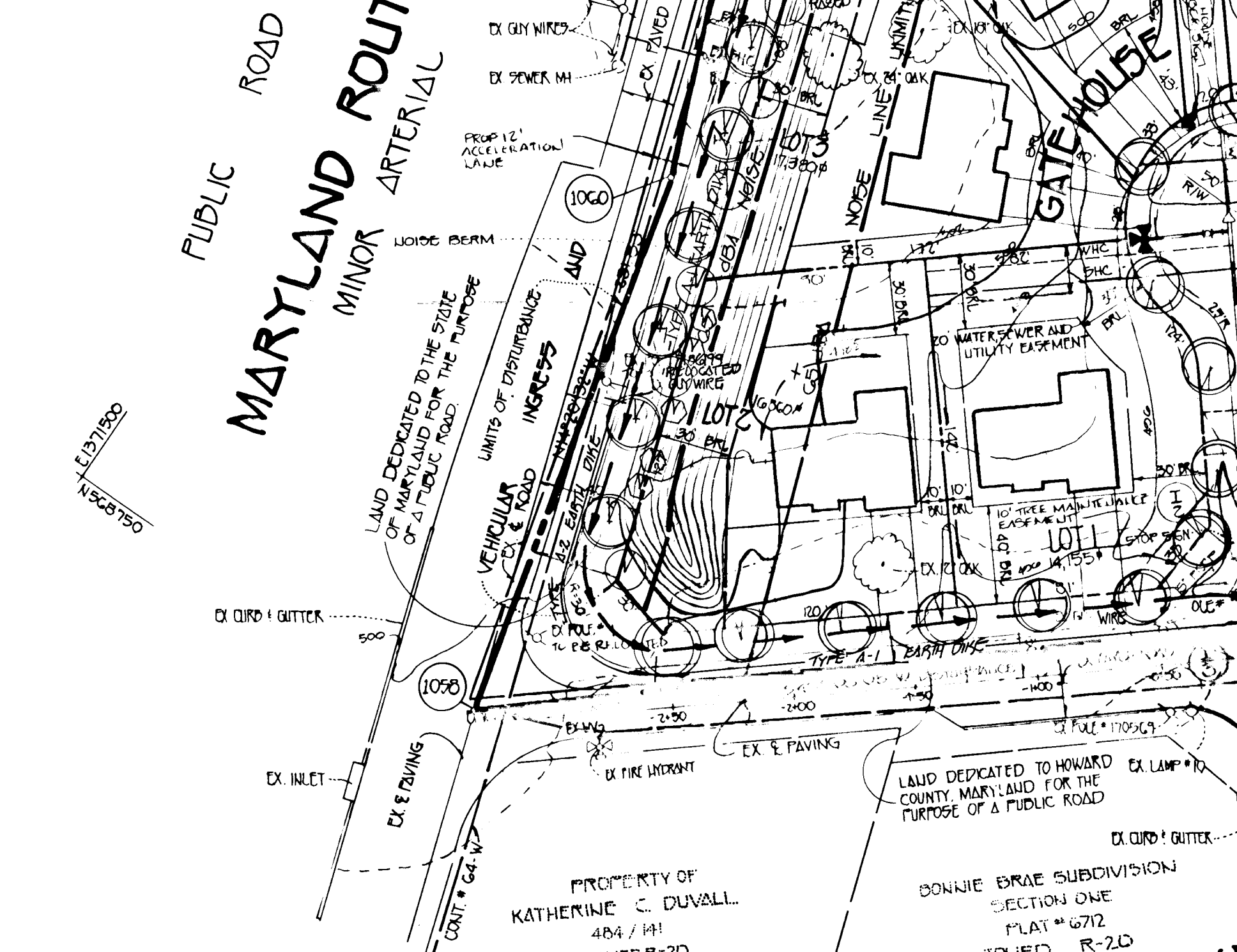
1. The area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed. Maximum height of embankment shall be five (5) feet, measured at centerline of embankment.
3. All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
4. Elevation of the top of any dike directing water into trap must equal or exceed the height of embankment.
5. Storage area provided shall be figured by computing the volume available behind the outlet channel up to an elevation of one (1) foot below the level of outlet crest.
6. Filter cloth shall be placed over the bottom and sides of the outlet channel prior to placement of stone. Sections of fabric must overlap at least one (1) foot with section nearest the entrance placed on top. Fabric shall be embedded at least six (6) inches into existing ground at entrance of outlet channel.
7. Stone used in the outlet channel shall be four (4) to eight (8) inches (circular). To provide a filtering effect, a layer of filter cloth shall be embedded one (1) foot back into the upstream face of the outlet stone or a one (1) foot thick layer of two (2) inch or finer aggregate shall be placed on the upstream face of the outlet.
8. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
9. The structure shall be inspected after each rain and repaired as needed.
10. Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
11. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
12. Drainage area for this practice is limited to 15 acres or less.

**PUBLIC STORM WATER MANAGEMENT FACILITY**

TYPE: INFILTRATION  
HAZARDOUS CLASS: 'A'  
DRAINAGE AREA: 4.90 AC ±

ALLOWABLE RELEASE	2 YEAR	10 YEAR	100 YEAR
	2.63 cfs	8.26 cfs	ENTIRE AMOUNT
INFLOW TO FACILITY	6.34 cfs	14.62 cfs	25.44 cfs
ACTUAL RELEASE	N/A	N/A	N/A

SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
(SYMBOL TREE)	GREEN MOUNTAIN SUGAR MAPLE	ACER SACCHARUM	2 1/2'-5' cal.	33
(SYMBOL TREE)	GREEN MOUNTAIN SUGAR MAPLE	ACER SACCHARUM	2 1/2'-5' cal.	36
(SYMBOL TREE)	DAKOTA WHITE PINE	PINUS STROBUS	6'-8' ht.	26
(SYMBOL TREE)	COMPACT PFTZER JUNIPER	JULIPERUS CHINENSIS PFTZERIANA	2'-2 1/2' ht.	20



**NOTES:**

1. CONTRACTOR SHALL CONSTRUCT TRAP TO THESE SPECIFICATIONS (LEFT), WITH BOTTOM ELEV. OF 475.00.
- ONCE SEDIMENT CONTROL MEASURES ARE TO BE REMOVED, TRAP IS TO BE CONVERTED TO THE PROPOSED SWM INFILTRATION POND, WITH BOTTOM ELEV. OF 472.00' AND SPILLWAY LENGTH OF 50'.
2. THE TEMPORARY 18" FLEXIBLE PIPE FROM M-1 TO RIP-RAP OUTLET SEDIMENT TRAP BOTTOM SHALL BE USED UNTIL TRAP IS CONVERTED TO THE SWM INFILTRATION POND, THEN THE STORM DRAIN PIPE FROM M-1 TO S-1 SHALL BE CONSTRUCTED.

**CONSTRUCTION SEQUENCE**

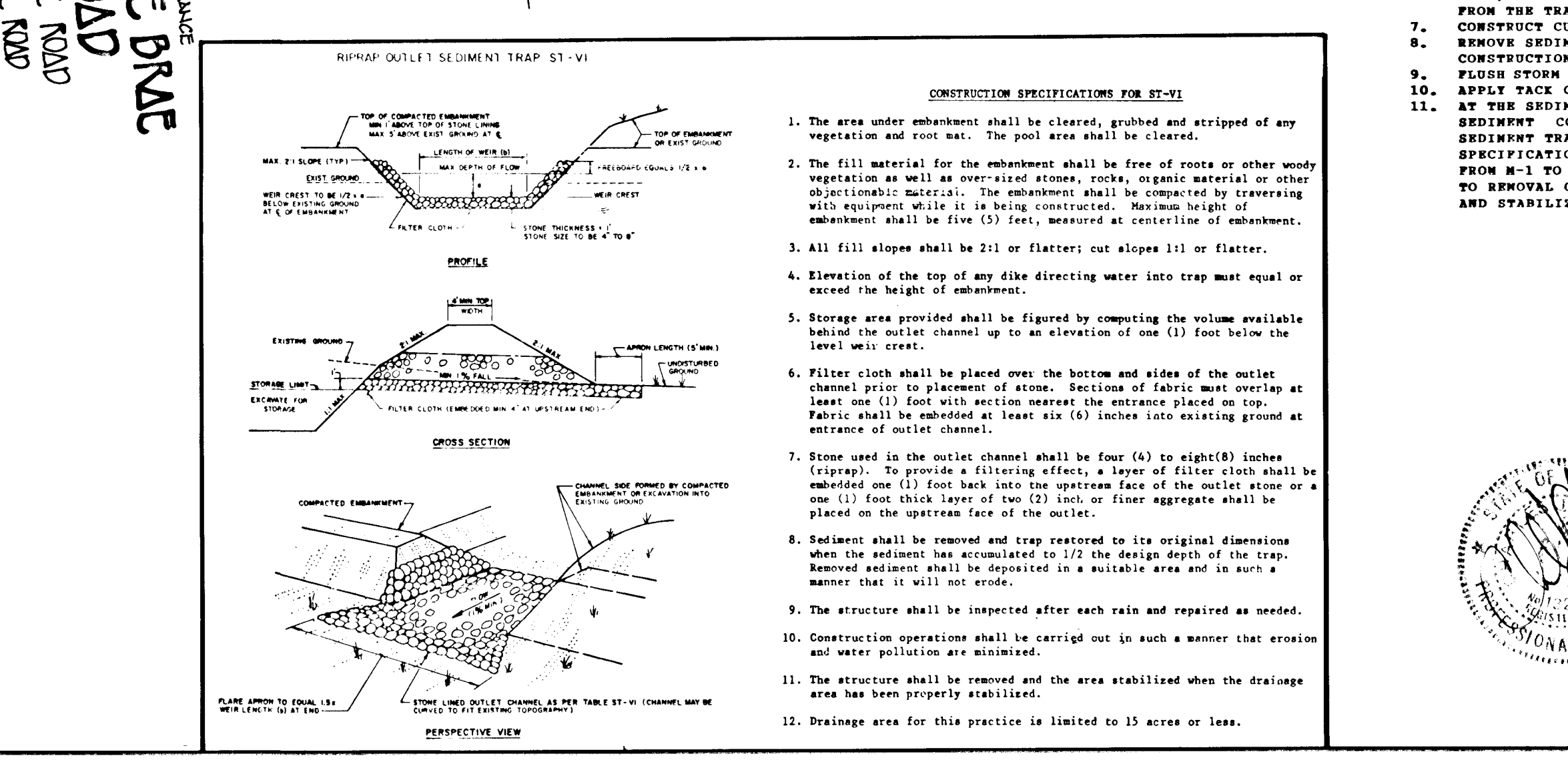
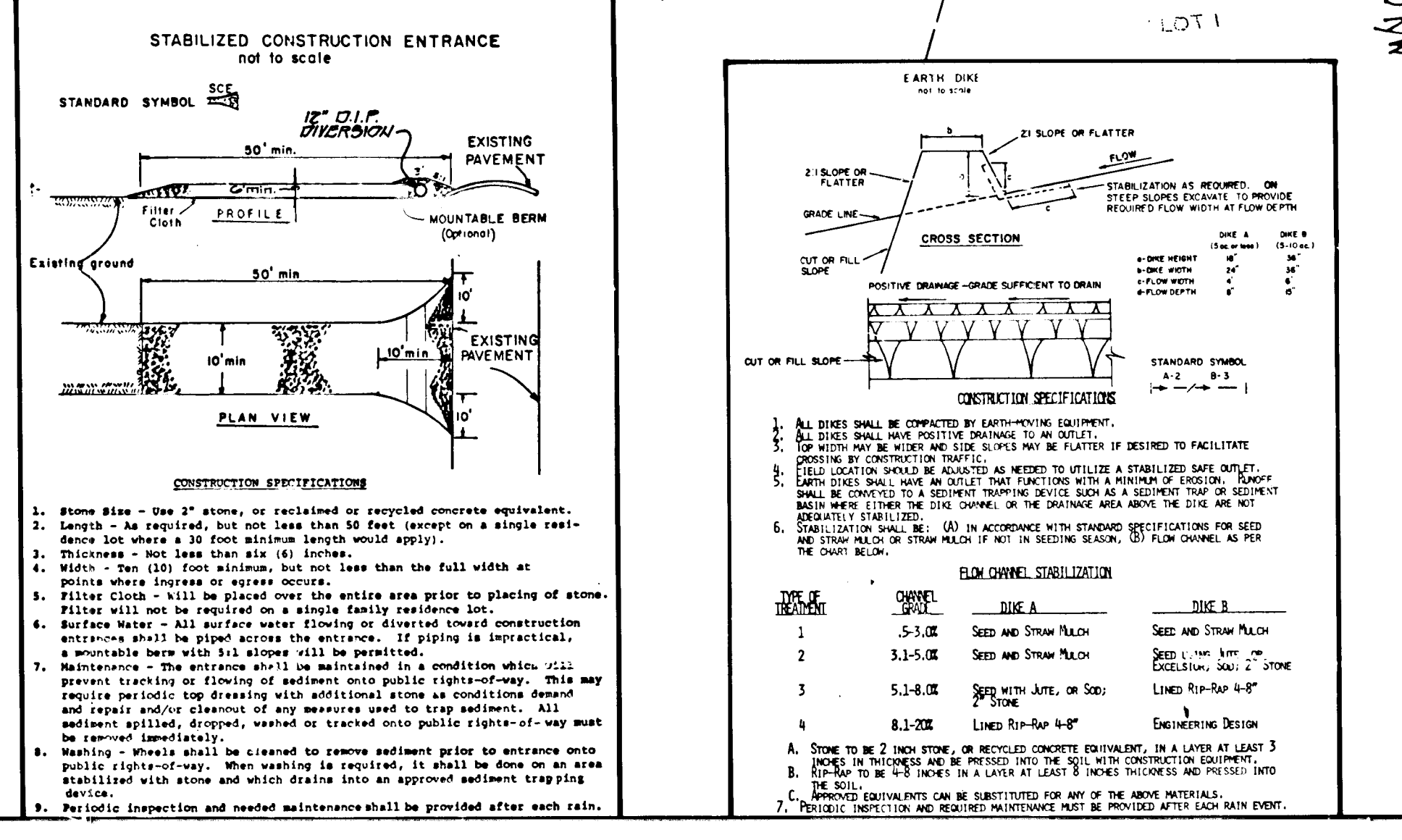
1. OBTAIN GRADING PERMITS.
2. NOTIFY MISS UTILITY 48 HOURS BEFORE BEGINNING ANY WORK # 1-800-257-7777. NOTIFY HOWARD COUNTY OFFICE OF PERMITS AND INSPECTION 24 HOURS BEFORE BEGINNING ANY WORK # (410) 392-2427.
3. INSTALL ALL SEDIMENT CONTROL MEASURES, STONE CONSTRUCTION ENTRANCE, RIP-RAP OUTLET SEDIMENT TRAP, EARTH DIKES AND SILT FENCE ACCORDING TO PLAN, M-STABILIZER TRAPS AND DIKES WITH TEMPORARY SEEDING.
4. GRADE SITE TO SUBGRADE, STABLE AND INSTALL STORM DRAIN. CONTRACTOR SHALL NOT CONSTRUCT STORM DRAIN PIPE FROM M-1 TO S-1 UNTIL SEDIMENT TRAP HAS BEEN CONVERTED TO S.W.M. INFILTRATION POND. S-1 SHALL PROVIDE A TEMPORARY FLEXIBLE 18" PIPE FROM M-1 TO SEDIMENT TRAP BOTTOM (ELEV. 475.00) PRIOR TO CONVERSION.
5. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE EROSION AND SEDIMENT CONTROL STRUCTURES, SHOW BERM, AFTER EACH RAINFALL AND ON A DAILY BASIS.
6. SEDIMENT SHALL BE REMOVED FROM THE RIP-RAP OUTLET SEDIMENT TRAP WHEN THE CLEANOUT ELEVATION, AS STATED ON PLAN, HAS BEEN REACHED. SEDIMENT MUST BE PLACED UP HILL FROM THE TRAP.
7. CONSTRUCT CURB AND GUTTER AND INSTALL BASE COURSE.
8. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
9. FLOSH STORM DRAIN SYSTEM, TO REMOVE ANY TRAPPED SEDIMENT.
10. APPLY TACK COAT TO SUB-BASE AND LAY SURFACE COURSE.
11. AT THE SEDIMENT CONTROL INSPECTOR'S APPROVAL, REMOVE ALL SEDIMENT CONTROL MEASURES, CONVERT RIP-RAP OUTLET SEDIMENT TRAP TO THE PROPOSED S.W.M. INFILTRATION POND SPECIFICATIONS, CONSTRUCTING PERMANENT STORM DRAIN PIPE FROM M-1 TO S-1 IN THE PROCESS. ALL AREAS DISTURBED DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.

**OWNER / DEVELOPER**  
GORDON GATE PARTNERSHIP  
C/O LAND DESIGN AND DEVELOPMENT  
10805 HICKORY RIDGE ROAD  
COLUMBIA, MARYLAND 21044

**STREET TREE, SEDIMENT CONTROL & GRADING PLAN**

**GORDON GATE**

TAX MAP 31 GRID 14 PARCEL 111  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50'  
SHEET: 3 OF 6  
DATE: 7-1-93  
11-17-92 AS-BUILT  
F-74-34



**FISHER, COLLINS & CARTER, INC.**

CIVIL ENGINEERING CONSULTANTS / LAND SURVEYORS

1171 BALTIMORE NATIONAL PIKE, SUITE 100  
ELICOTT CITY, MARYLAND 21042

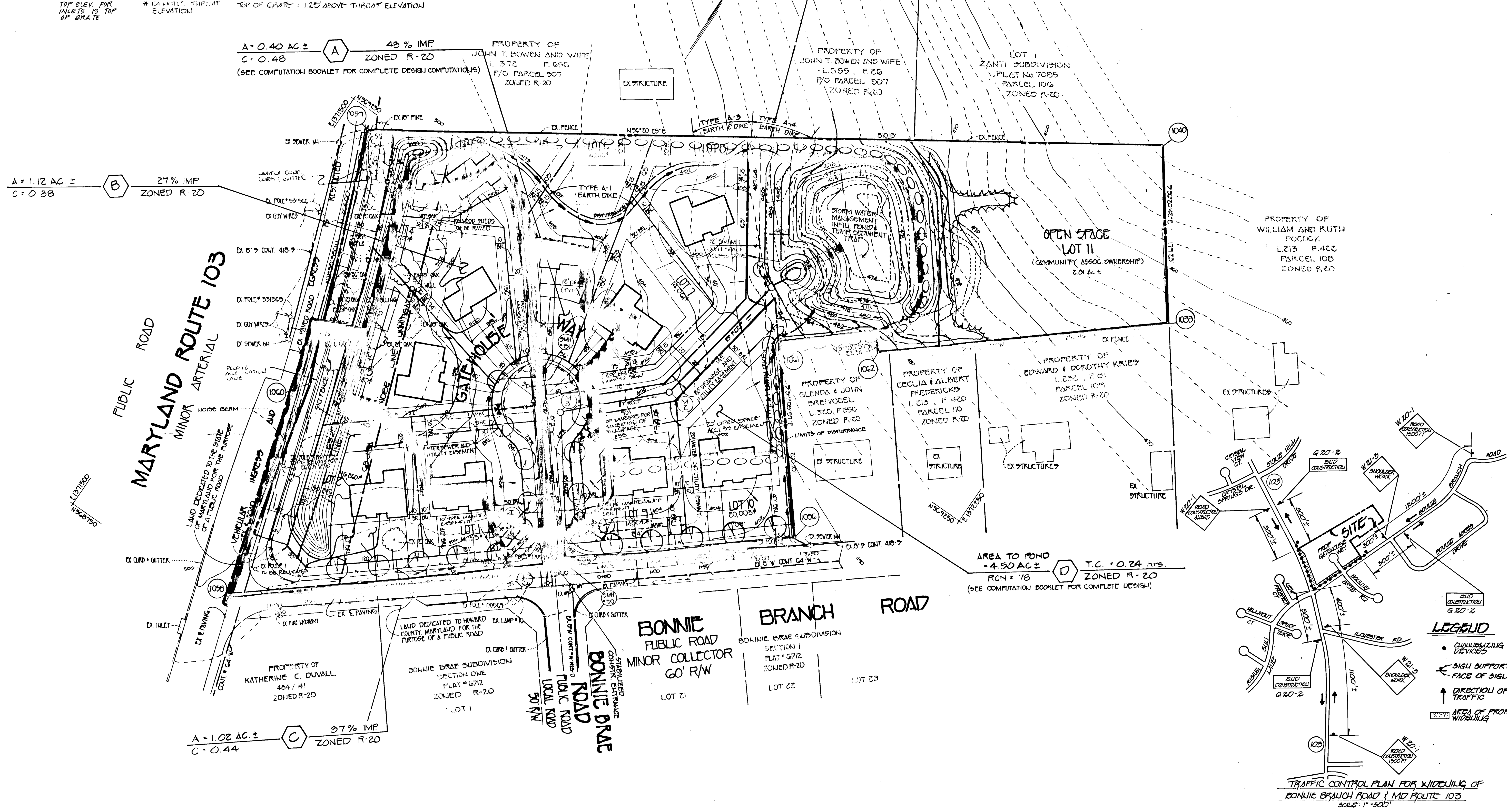
TELEPHONE: (410) 461-2055  
FAX: (410) 750-3704



APPROVED DEPARTMENT OF PLANNING AND ZONING  
**Ging Summery** 4/6/94  
 DATE  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 APPROVED DEPARTMENT OF PUBLIC WORKS  
**Donald Eason** 3/25/94  
 DATE  
 CHIEF, BUREAU OF ENGINEERING  
 APPROVED HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
**Chad Williams** 3/25/94  
 DATE  
**Robert M. Dauber** 3-27-94  
 DATE  
 CHIEF, BUREAU OF HIGHWAYS

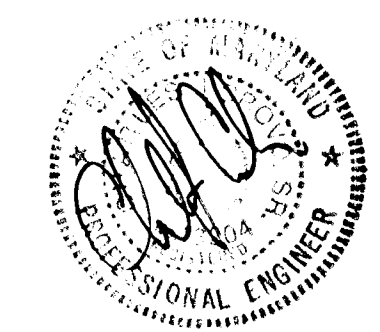
STRUCTURE SCHEDULE								
STRUCTURE NO.	TOP ELEV.	INV. IN	INV. OUT	ROAD NAME	ROAD STA.	OFFSET	TYPE	REMARKS
I-1	493.29	472.14	488.41.33	GATEHOUSE WAY	E STA 0+40	17' RT	K	SD 413
I-2	493.45	472.14	488.53.00	GATEHOUSE WAY	E STA 0+40	17' LT	K	SD 413
I-3	493.78	472.13	480.14.00	BONNIE BRANCH ROAD	E STA 2+92	26' LT	K	SD 413
M-1	486.94	487.00	482.70.29	SEE PLAN	N 50°12'36" 80	SEE PLAN	STD MH	G-5 01
M-2	492.40	479.10	486.47.58	SEE PLAN	N 50°12'36" 80	SEE PLAN	STD MH	G-5 01
M-3	493.71	475.23	487.41.67	GATEHOUSE WAY	LP STA 2+00	17' RT	STD MH	G-5 01
S-1	483.09	484.20	482.01.13	SEE PLAN	N 50°12'36" 80	SEE PLAN	TYPE "C" CURB HEADWALL	SD 521

DRAINAGE AREAS					
INLET	D.A.	AREA AC ±	'C'	ZONED	IMP
I-1	A	0.40	0.48	R-20	43%
I-2	B	1.12	0.38	R-20	27%
I-3	C	1.02	0.44	R-20	37%



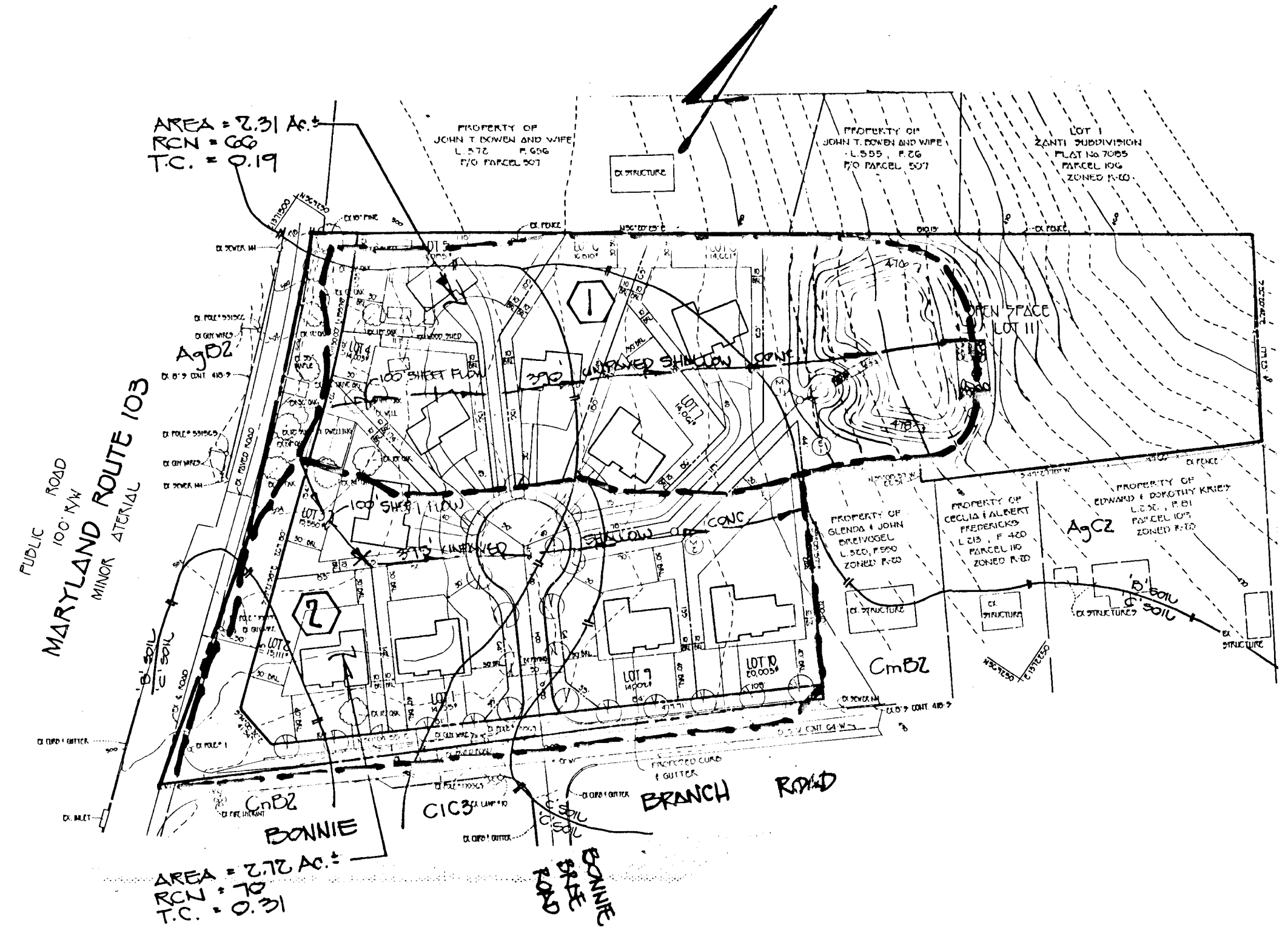
**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 7171 BALTIMORE NATIONAL PIKE, SUITE 100  
 ELLICOTT CITY, MARYLAND 21042  
 TELEPHONE: (410) 461-0595  
 FAX: (410) 750-5784

OWNER / DEVELOPER  
 GORDON GATE PARTNERSHIP  
 92 LAND DEPARTMENT DEVELOPMENT  
 18005 HICKORY HEDGE FARM  
 COLUMBIA, MARYLAND 21044

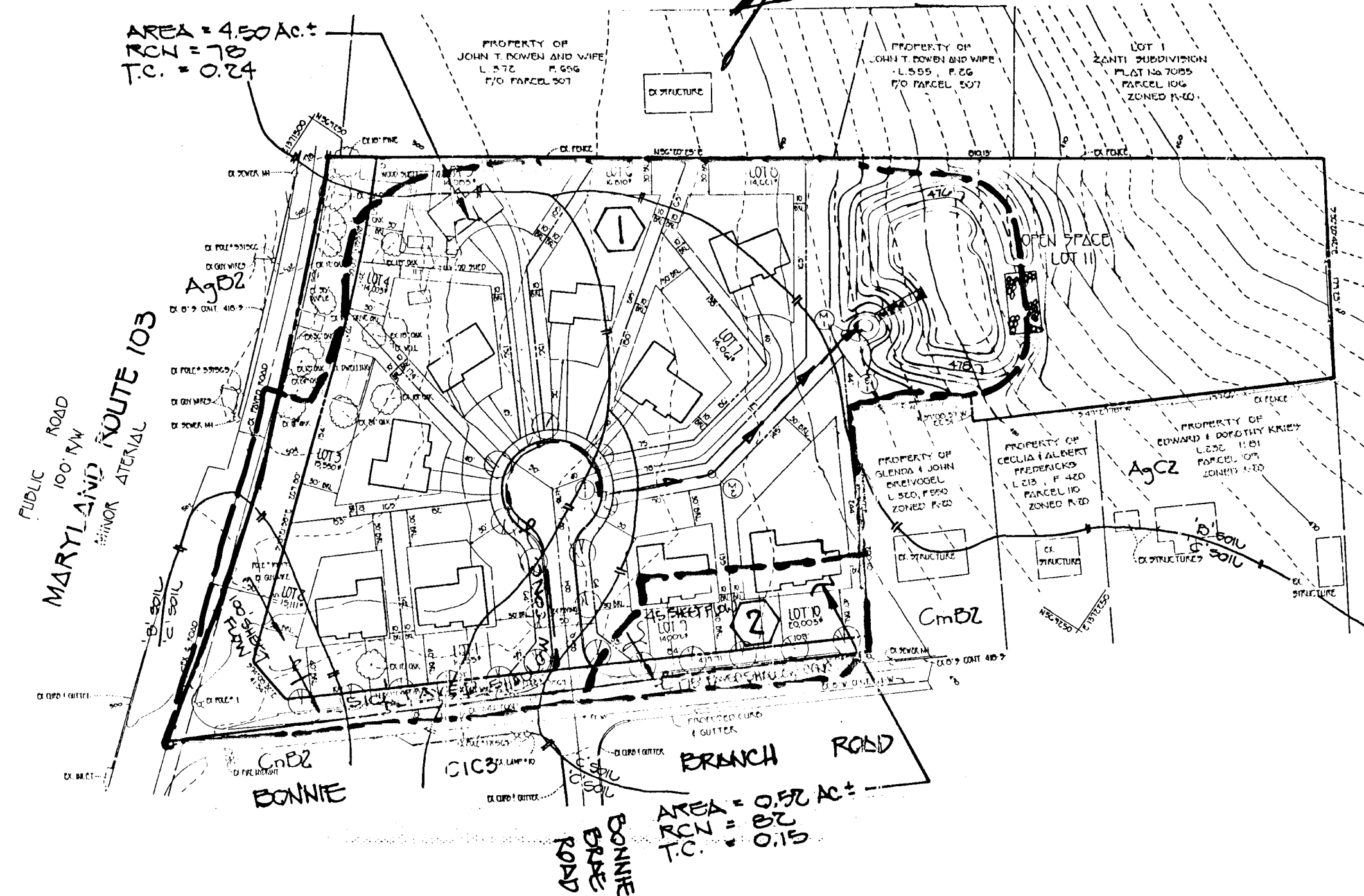


DRAINAGE AREA MAP  
**GORDON GATE**  
 TAX MAP 31 GRID 14 PARCEL 111  
 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 7-1-93  
 SHEET: 4 OF 6 AS-BUILT 11-17-97





SWM HYDROLOGY DRAINAGE AREA MAP EXISTING MAP  
SCALE 1"=100'



SWM HYDROLOGY DRAINAGE AREA MAP PROPOSED CONDITIONS  
SCALE 1"=100'

TEST PIT EXPLANATION  
Geo-Technology Associates  
Annapolis Junction, Maryland

Job Name: Gordon Gate Test Pit: B-1  
Job Number: 23020.C Total Depth: 15.0' Water First: 2-2-93  
Date: 2-2-93 Elevation: 4821(fspot) Encountered: DEY  
Inspector: T. Gray Equipment: Case 500X After 48 hrs: DEY  
No water encountered

DEPTH	DESCRIPTION	COMMENTS
0'-0"	Orange-brown, moist to very moist, medium stiff to stiff clay, some sand, little gravel (CL)	7,3,5,8"
5'-0"	White, yellow to light red, moist to very moist, loose to medium dense sand, little to some silt (SM)	26,24,22,24"
10'-0"	Red-brown to yellow, moist to very moist, dense to medium dense, fine to medium sand, some silt (SM) (USDA: Sandy Loam)	12,20,24,27"
15.0'	B.O.H. - 15.0'	*Indicates blow per increment with Dynamic Cone Penetrometer

TEST PIT EXPLANATION  
Geo-Technology Associates  
Annapolis Junction, Maryland

Job Name: Gordon Gate Test Pit: B-2  
Job Number: 23020.C Total Depth: 15.0' Water First: 2-2-93  
Date: 2-2-93 Elevation: 4821(fspot) Encountered: DEY  
Inspector: T. Gray Equipment: Case 500X After 48 hrs: DEY  
No water encountered

DEPTH	DESCRIPTION	COMMENTS
0'-0"	Orange-brown, very moist, medium stiff clay, some sand, little gravel (CL)	6,4,4,5"
5'-0"	Orange-brown, very moist, medium dense to dense, sand, little clayey silt, little gravel (6.0' - 7.0') (SM)	10,12,15,18"
10'-0"	Red-brown to yellow, moist to very moist, dense to medium dense, fine to medium sand, some silt (SM) (USDA: Sandy Loam)	15,32,35,38"
15.0'	B.O.H. - 15.0'	*Indicates blow per increment with Dynamic Cone Penetrometer

TEST PIT EXPLANATION  
Geo-Technology Associates  
Annapolis Junction, Maryland

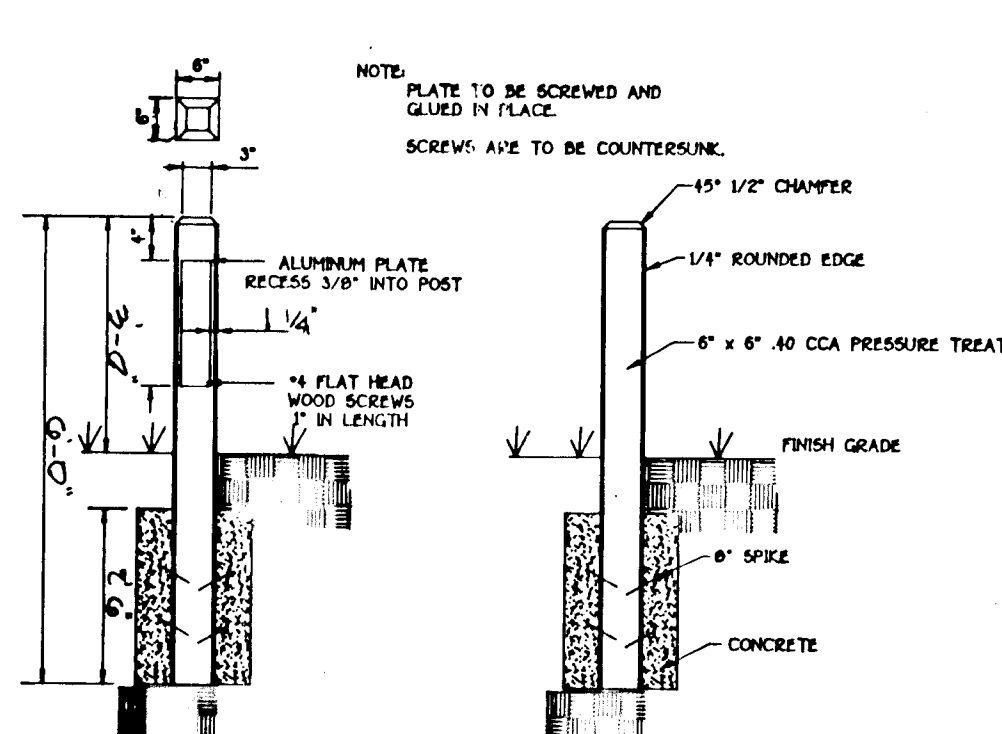
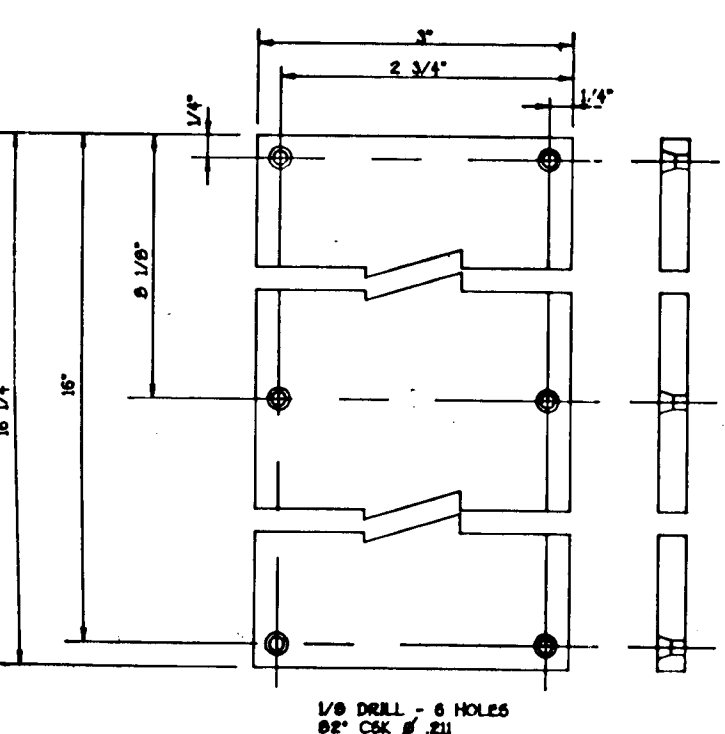
Job Name: Gordon Gate Test Pit: B-3  
Job Number: 23020.C Total Depth: 15.0' Water First: 2-2-93  
Date: 2-2-93 Elevation: 4821(fspot) Encountered: DEY  
Inspector: T. Gray Equipment: Case 500X After 48 hrs: DEY  
No water encountered

DEPTH	DESCRIPTION	COMMENTS
0'-0"	Orange-brown, moist, medium stiff to stiff clay, some sand and gravel (CL)	9,5,7,7"
5'-0"	Brown to orange-brown, moist, medium dense, to dense sand, little gravel, silty clay (SC)	28,32,35,35"
10'-0"	Light brown to white, moist, medium dense, fine to medium sand, little silt (SM) (USDA: Sandy Loam)	14,15,17,20"
15.0'	B.O.H. - 15.0'	*Indicates blow per increment with Dynamic Cone Penetrometer

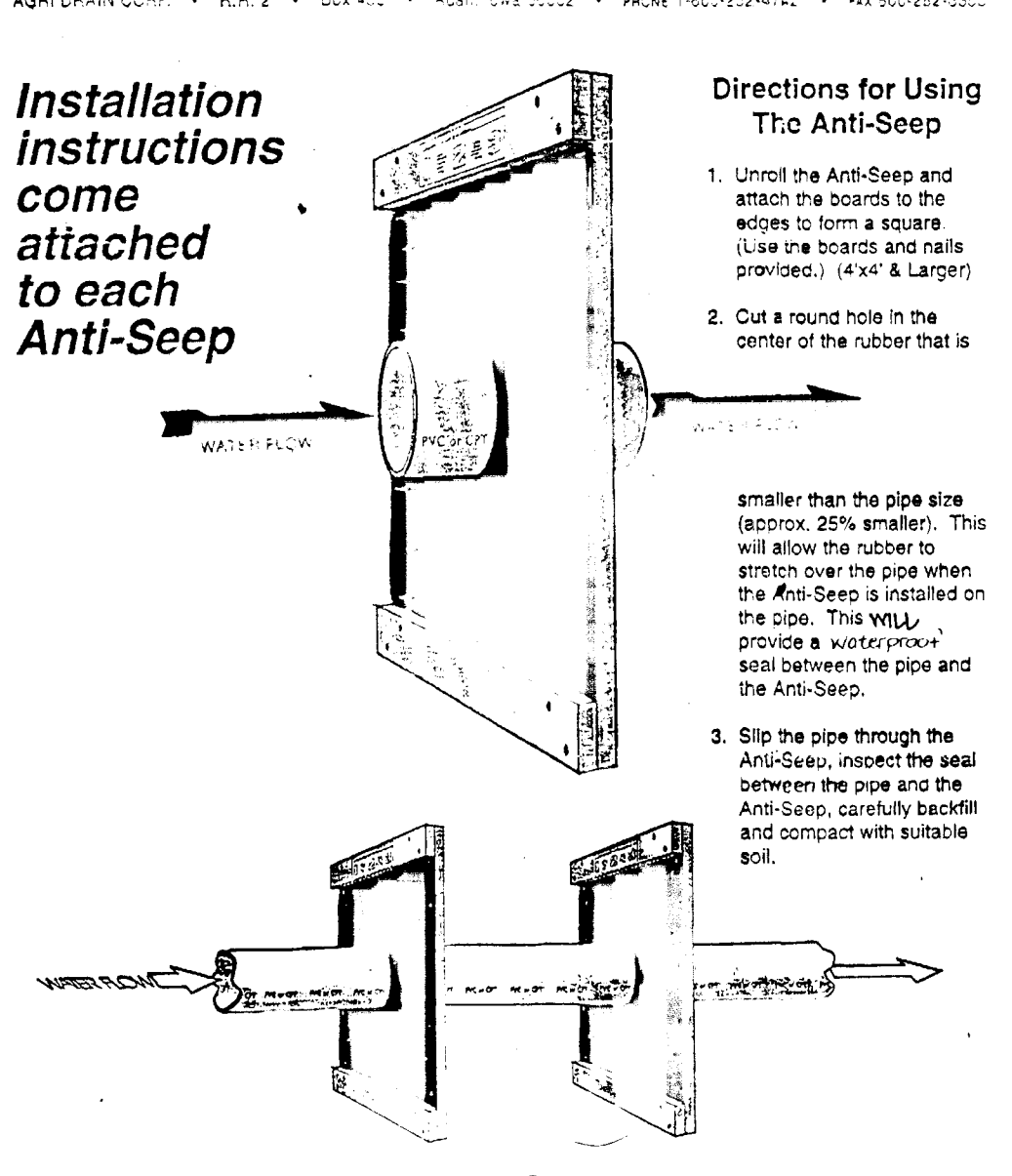
TEST PIT EXPLANATION  
Geo-Technology Associates  
Annapolis Junction, Maryland

Job Name: Gordon Gate Test Pit: B-4  
Job Number: 23020.C Total Depth: 15.0' Water First: 2-2-93  
Date: 2-2-93 Elevation: 4821(fspot) Encountered: DEY  
Inspector: T. Gray Equipment: Case 500X After 48 hrs: DEY  
No water encountered

DEPTH	DESCRIPTION	COMMENTS
0'-0"	Orange-brown, moist, medium stiff to stiff clay, some sand (CH)	5,4,5,5"
5'-0"	Orange-brown, very moist, dense sand and gravel, little clay (SC)	18,24,28,30"
10'-0"	Light red to yellow, moist, medium dense, fine to medium sand, little silt (SM) (USDA: Sandy Loam)	12,15,18,25"
15.0'	B.O.H. - 15.0'	*Indicates blow per increment with Dynamic Cone Penetrometer



## ANTI-SEEP COLLAR



- Specifications**
- Materials - (Steel Pipe)** - This pipe and its appurtenances shall be galvanized and fully laminated and shall conform to the requirements of AASHTO Specification M-10 Type A with watertight coupling bands. Any laminated coating damaged or otherwise removed shall be replaced with cold applied bituminous coating compound. Steel pipes with polymeric coating shall have a minimum coating thickness of 0.01 inch (10 mil) on both sides of the pipe. The following coatings or an approved equal may be used: Nevon, Plast-Cote, Baco-Koat, and Benth-Du-Lay. Coated corrugated steel pipe shall meet the requirements of AASHTO M-245 and M-246.
  - Materials - (Aluminum Pipe)** - The pipe and its appurtenances shall conform to the requirements of AASHTO Specification M-274 with watertight coupling bands or flanges. Aluminum surfaces that are to be in contact with concrete shall be primed with one coat of zinc chromate primer. Hot dip galvanized pipe may be used for connections. The pH of the surrounding soils shall be between 4 and 9.
  - Materials - (Concrete)** - Concrete shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 608, Mix No. 3.
  - Materials - (Rock Riprap)** - Rock riprap shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 905.
  - Materials - (PVC Pipe)** - All of the following criteria shall apply for polyvinyl chloride (PVC) pipe:
    - Materials - PVC pipe shall be PVC-1120 or PVC-1220 conforming to ASTM D-1785 or ASTM D-2241.
    - Joints and connections to anti-seep collars shall be completely watertight.
    - Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soil, spalling, or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.
    - Backfilling shall conform to "Structure Backfill".
    - Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.
  - Connections** - All connections with pipes must be watertight. The drain pipe or barrel connection to the riser shall be welded around with wire rope mesh and seal. Anti-seep collars shall be connected to the pipe in such a manner as to be completely watertight. Dense bands are not considered to be watertight.
  - Backfilling** - All connections shall use a rubber or neoprene gasket when joining pipe sections. The end of each pipe shall be provided an adequate number of corrugations to accommodate the backfill width. The following pipe connections are acceptable for pipes less than 24" in diameter: Flangeless both ends of the pipe, a 12" wide standard lap type neoprene gasket, and a 12" wide huggler type band with 3 ring gaskets having a minimum diameter of 1/2" greater than the corrugation depth. Pipes 24" in diameter and larger shall be connected by 24" long similar corrugated band using rods and lugs. A 12" wide by 3/8" thick closed cell circular neoprene gasket will be installed on the end of each pipe for a total of 24".
  - Helically corrugated pipe** shall have either continuously welded seams or have lock seams with internal caulking or a neoprene bead.
  - Bedding** - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soil, spalling, or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.
  - Backfilling** shall conform to "Structure Backfill".
  - Other details** (anti-seep collars, valves, etc.) shall be as shown on the drawings.
  - Reinforced Concrete Pipe** - All of the following criteria shall apply for reinforced concrete pipe:
    - Materials - Reinforced concrete pipe shall have bell and spigot joints with rubber gaskets and shall equal or exceed ASTM Designation C-301.
    - Bedding - All reinforced concrete pipe conduits shall be bedded in a concrete bedding for their entire length. This bedding shall consist of high strength concrete placed under the pipe and up the sides of the pipe to a depth of 10% of its outside diameter with a minimum thickness of 3 inches, or as shown on the drawings.
    - Laying Pipe - Bell and spigot pipe shall be placed continuously with the bell and spigot joints made in accordance with recommendations of the manufacturer of the material. After the joints are sealed to the entire extent the bedding shall be placed so that all spaces under the pipe are filled. Care shall be exercised to prevent any deviation from the original line and grade of the pipe. The first joint must be located within 2 feet from the riser.
    - Backfilling shall conform to "Structure Backfill".
    - Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

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

DATE: 2/28/94  
SIGNATURE OF ENGINEER: [Signature]

**DEVELOPER'S CERTIFICATE**  
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF 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/AM AUTHORIZED PERSONNEL UNDER THE SUPERVISION OF THE HOWARD SOIL CONSERVATION DISTRICT. THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DATE: 2/28/94  
SIGNATURE OF DEVELOPER: [Signature]

**REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.**  
DATE: 2/28/94  
SIGNATURE: [Signature]

**THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.**  
DATE: 2/28/94  
SIGNATURE: [Signature]

**APPROVED DEPARTMENT OF PLANNING AND ZONING**  
DATE: 4/14/94  
SIGNATURE: [Signature]

**APPROVED DEPARTMENT OF PUBLIC WORKS**  
DATE: 3/25/94  
SIGNATURE: [Signature]

**APPROVED DEPARTMENT OF DEPARTMENT OF PUBLIC WORKS**  
DATE: 3/27/94  
SIGNATURE: [Signature]



