

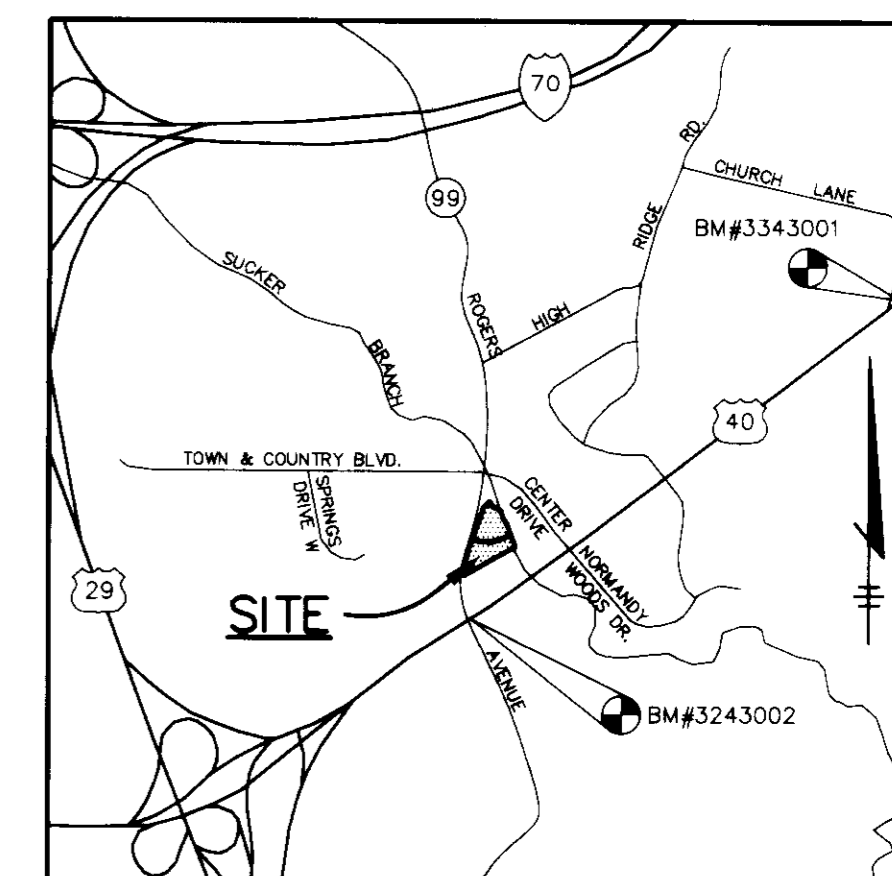
SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT AND SEDIMENT CONTROL PLAN
3	SEDIMENT CONTROL NOTES, DETAILS AND PROFILES
4	BOX CULVERT EXTENSION DETAILS

# SITE DEVELOPMENT PLAN

## BROOKSIDE

### 2nd ELECTION DISTRICT

### HOWARD COUNTY, MARYLAND



**VICINITY MAP**  
SCALE: 1"=2000'

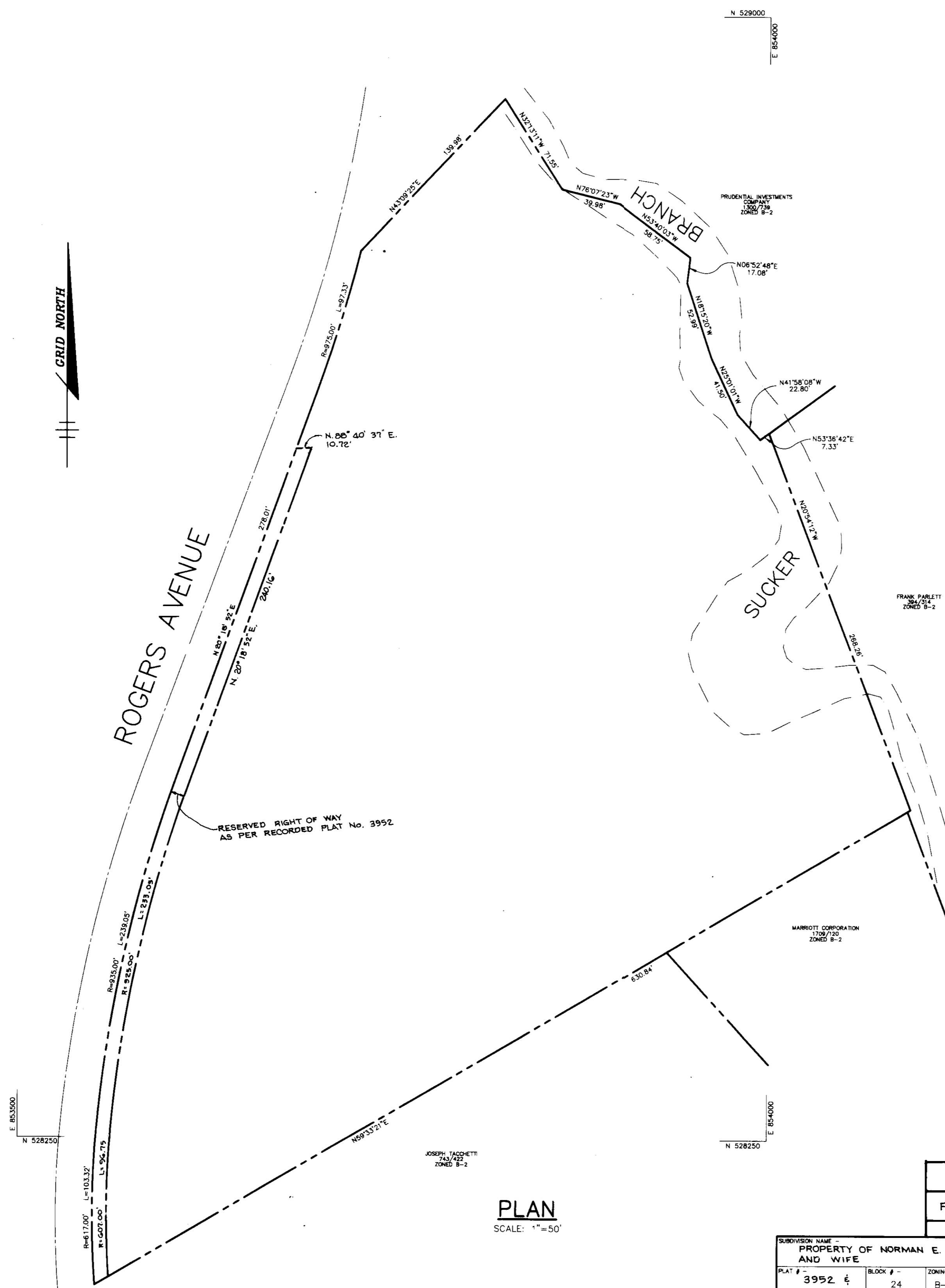
#### BENCH MARKS

BM# 3343001      N 529235.880; E 855331.855  
CONCRETE MONUMENT AT SURFACE 4'± NORTH OF MACADAM SHOULDER OF ROUTE 40 WEST, NEAR INTERSECTION OF ROUTE 40 WEST AND CHURCH LANE.

BM# 3243002      N 527899.393; E 853619.674  
CONCRETE MONUMENT AT SURFACE OF MEDIAN, 5.5'± SOUTH OF LEFT TURN LANE OF ROUTE 40 WEST, 14'± EAST OF EAST EDGE OF CROSSOVER TO ROGERS AVENUE SOUTH.

#### GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS M.S.H.A. STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FROM BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES AT LEAST (5) DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS TO VERIFY THEIR LOCATION AND ELEVATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF LOCATION OF UTILITIES IS OTHER THAN SHOWN.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (410) 313-1000 24 HOURS IN ADVANCE OF COMMENCING WORK.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:  
 MISS UTILITY      1-800-257-7777  
 CAP TELEPHONE COMPANY      725-9976  
 HOWARD COUNTY BUREAU OF UTILITIES      313-4900  
 AT&T CABLE LOCATION DIVISION      993-3553  
 BALTIMORE GAS & ELECTRIC COMPANY      685-0123  
 STATE HIGHWAY ADMINISTRATION      531-5533
- TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- TOPO AND EXISTING UTILITIES SHOWN TAKEN FROM FIELD RUN SURVEY DATED MAY, 1989, BY TRACEY, SCHULTE & ASSOCIATES.
- VERTICAL CONTROL ESTABLISHED USING H.O. CO. MONUMENT BM# 3343001 AND BM#3243002. HORIZONTAL CONTROL ESTABLISHED FROM MARYLAND STATE COORDINATE SYSTEM.
- PREVIOUS COUNTY FILE NO.: F-77-161, F-89-108, WP-88-146, WP-90-64, WP-91-186, WP-92-214, F-91-159 AND SDP-91-123.
- ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES. HE IS ALSO RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHTS AND/OR WORK ON ADJACENT PROPERTIES INCLUDED IN THIS PLAN.
- ALL ELEVATIONS SHOWN ARE BASED ON U.S.C. AND G.S. MEAN SEA LEVEL DATUM, 1929.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- STORM DRAIN TRENCHES WITHIN ROAD RIGHT-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1990 AMENDMENTS.
- PIPE SHALL NOT BE INSTALLED BY CONTRACTOR UNTIL LENGTH CALLED FOR AT EACH STATION HAS BEEN APPROVED BY ENGINEER IN FIELD.
- ALL FILL AREAS WITHIN ROADWAY AND UNDER STRUCTURES TO BE COMPACTED TO A MINIMUM OF 95% COMPACTION.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAS BEEN BROUGHT WITHIN 6" OF FINISHED GRADE.
- ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS "C" AS SHOWN IN FIG. 11.4, VOLUME 1 OF HOWARD COUNTY DESIGN MANUAL UNLESS OTHERWISE NOTED.
- 100 YR. FLOODPLAIN STUDY WAS PERFORMED BY PURDUM & JESCHKE DATED DECEMBER, 1980.
- WETLAND STUDY PERFORMED BY JOHN HARMES & ASSOCIATES, DATED MARCH, 1988.
- WP-90-64 WAS A REQUEST FOR WAIVERS FROM SECTION 16.116.C.4 AND SECTION 16.116.C.6 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH WOULD ALLOW STEEP SLOPE DISTURBANCE ADJACENT TO WETLANDS AND TO ALLOW FILLING OF WETLANDS, WAS APPROVED IN A LETTER DATED 5-29-90.
- WP-91-146 WAS A WAIVER REQUESTING TO WAIVE SECTION 16.119 AND SECTION 16.20 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WHICH WOULD EXEMPT FROM SUBMITTING A SKETCH AND PRELIMINARY PLANS, WAS APPROVED ON SEPTEMBER 2, 1989.
- WP-91-186 WAS A WAIVER REQUESTING TO WAIVE SECTION 16.103(C) FOR THE REACTIVATION OF WAIVER PETITION WP-86-148 (SKETCH AND PRELIMINARY PLANS WAIVER) AND WAIVER PETITION WP-90-64 (DISTURBANCE AND FILL OF A 0.03 ± ACRE AREA OF WETLANDS AND ADJACENT WETLAND BUFFER), WAS APPROVED BY LETTER DATED JUNE 26, 1991 WITH FOUR CONDITIONS.
- WP-92-214 WAS A WAIVER REQUESTING TO WAIVE SECTION 16.147(2) WHICH REQUIRED THE DEVELOPER TO SUBMIT FOR SIGNATURE WITHIN ONE(1) YEAR OF THE DEVELOPER'S INITIAL APPLICATION FOR SITE DEVELOPMENT PLAN APPROVAL, WAS GRANTED BY EXTENDING ANOTHER ONE YEAR EXTENSION BY LETTER DATED AUGUST 7, 1992, SUBJECT TO THREE (3) CONDITIONS.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFETY PRECAUTIONS AND PROGRAMS.
- A WETLANDS PERMIT HAS BEEN OBTAINED FOR THE DISTURBANCE WITHIN THE WETLANDS, MARYLAND DEPARTMENT OF THE ENVIRONMENT WATER QUALITY CERTIFICATION NO. 89-WQ-0102. ARMY CORP'S OF ENGINEER PERMIT NO. 88-03361-13.
- WP-95-131 IS A WAIVER REQUESTING TO WAIVE SECTION 16.116(c)(1) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, THE WAIVER WILL ALLOW THE STORM DRAIN OUTFALL FOR THIS SITE TO BE BUILT WITHIN THE 25' WETLAND BUFFER AND WETLANDS. THE WAIVER IS ONLY VALID FOR THE STORM DRAIN OUTFALL.



**PLAN**  
SCALE: 1"=50'

#### SITE TABULATION

TOTAL AREA	5.152 Ac.
EXISTING ZONING	B-2
PROPOSED USE	MASS GRADING ONLY
AREA DISTURBED	3.48 Ac.
AREA FLOODPLAIN	1.84 Ac.

#### ADDRESS CHART

PARCEL	STREET ADDRESS
B	3155 ROGERS AVENUE

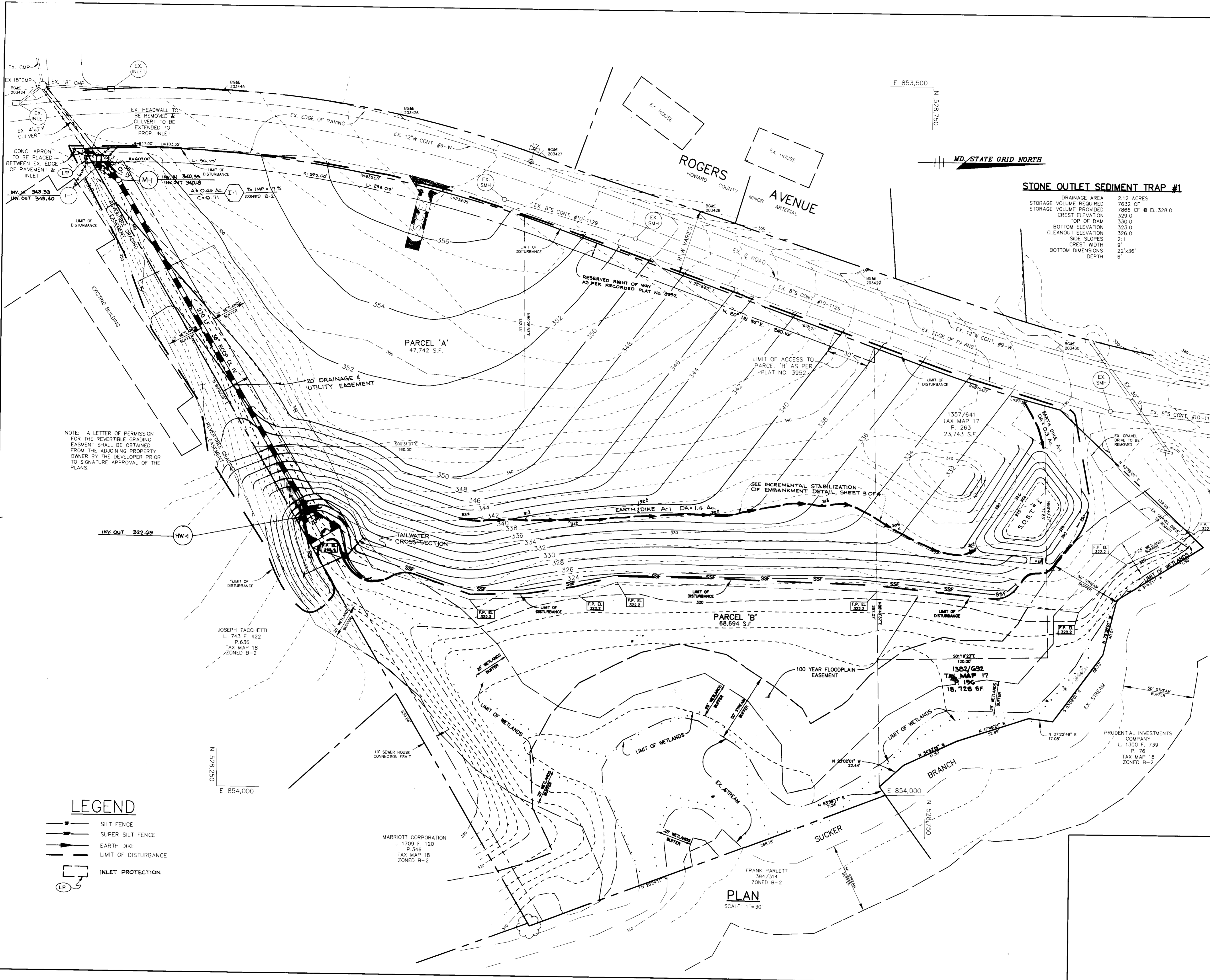
PROPERTY NAME	PROPERTY OF NORMAN E. MOXLEY AND WIFE
SECTION	N/A
TAX MAP NO.	17
ELECT. DIST.	2nd
GENUS TRACT	A & B AND DEEDED 15G & 2G3
PLAT #	3952
BLOCK #	24
ZONING	B-2
WATER CODE	F02
SEWER CODE	1453600

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>[Signature]</i> DIRECTOR	2/5/96 DATE
<i>[Signature]</i> CHIEF, DEVELOPMENT ENGINEERING DIVISION	1/20/96 DATE
<i>[Signature]</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH	2/2/96 DATE

DATE	NO.	REVISION
OWNER: BROOKSIDE LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21043		
DEVELOPER: SECURITY ENTERPRISES, INC. P.O. BOX 609 ELLICOTT CITY, MARYLAND 21043		
PROJECT: <b>BROOKSIDE</b>		
AREA: TAX MAP NO. 17 PROPERTY OF NORMAN E. MOXLEY AND WIFE, PARCELS A & B AND PARCELS 15G AND 2G3 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: <b>TITLE SHEET</b>		

**RIEMER MUEGGE & ASSOCIATES, INC.**  
Planners • Engineers • Surveyors  
8818 Centre Park Drive • Suite 200 • Columbia, MD 21045  
410-997-8900 FAX: 410-997-9282

12-13-95 DATE	DESIGNED BY: D.R.F.
	DRAWN BY: DAM
	PROJECT NO.: HOCO\76800 SDP1.DWG
J. Parekh	DATE:
JAYKANT D. PAREKH #19148	SCALE: AS SHOWN
	DRAWING NO. 1 OF 4



**STONE OUTLET SEDIMENT TRAP #1**

DRAINAGE AREA	2.12 ACRES
STORAGE VOLUME REQUIRED	7632 CF
STORAGE VOLUME PROVIDED	7866 CF @ EL. 328.0
CREST ELEVATION	329.0
TOP OF DAM	330.0
BOTTOM ELEVATION	323.0
CLEANOUT ELEVATION	326.0
SIDE SLOPES	2:1
CREST WIDTH	5'
BOTTOM DIMENSIONS	22'x36'
DEPTH	6'

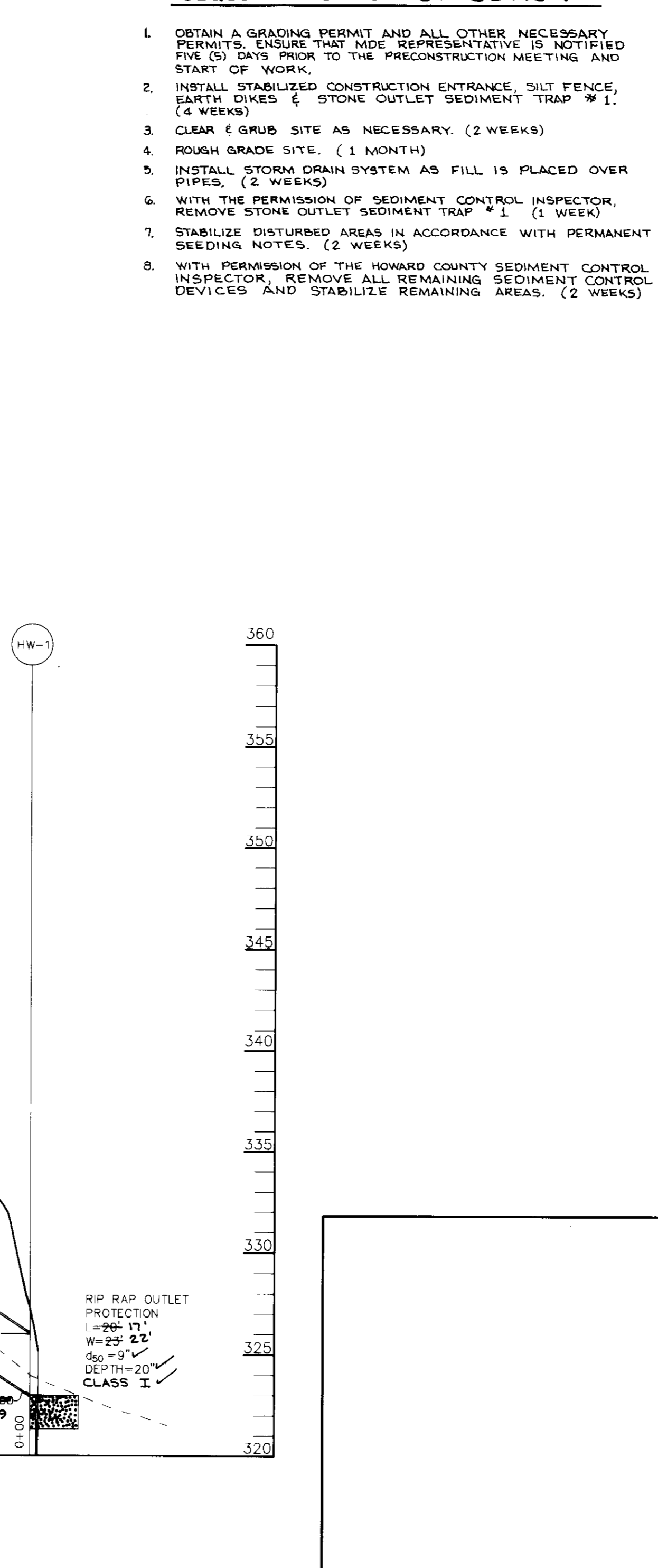
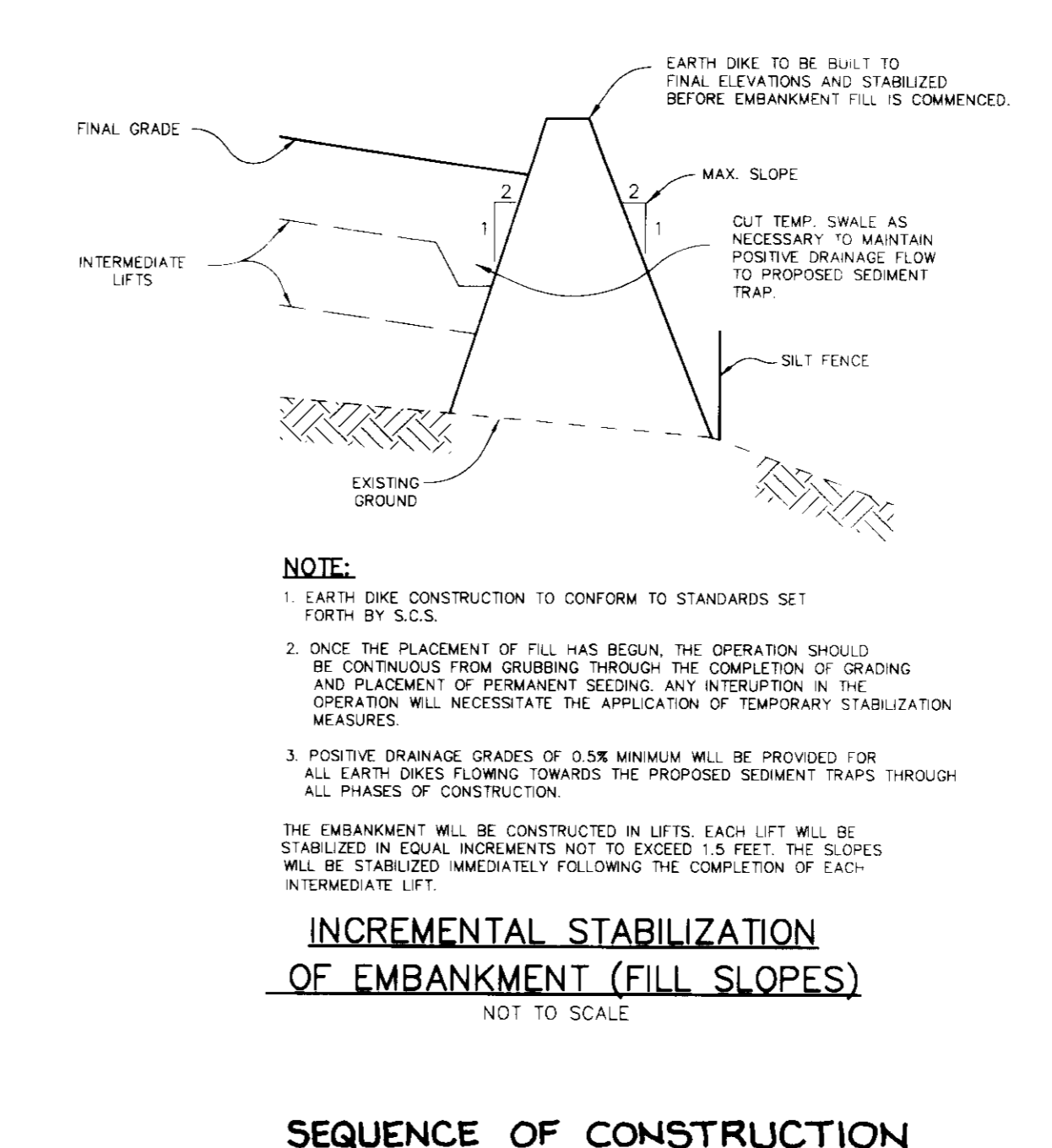
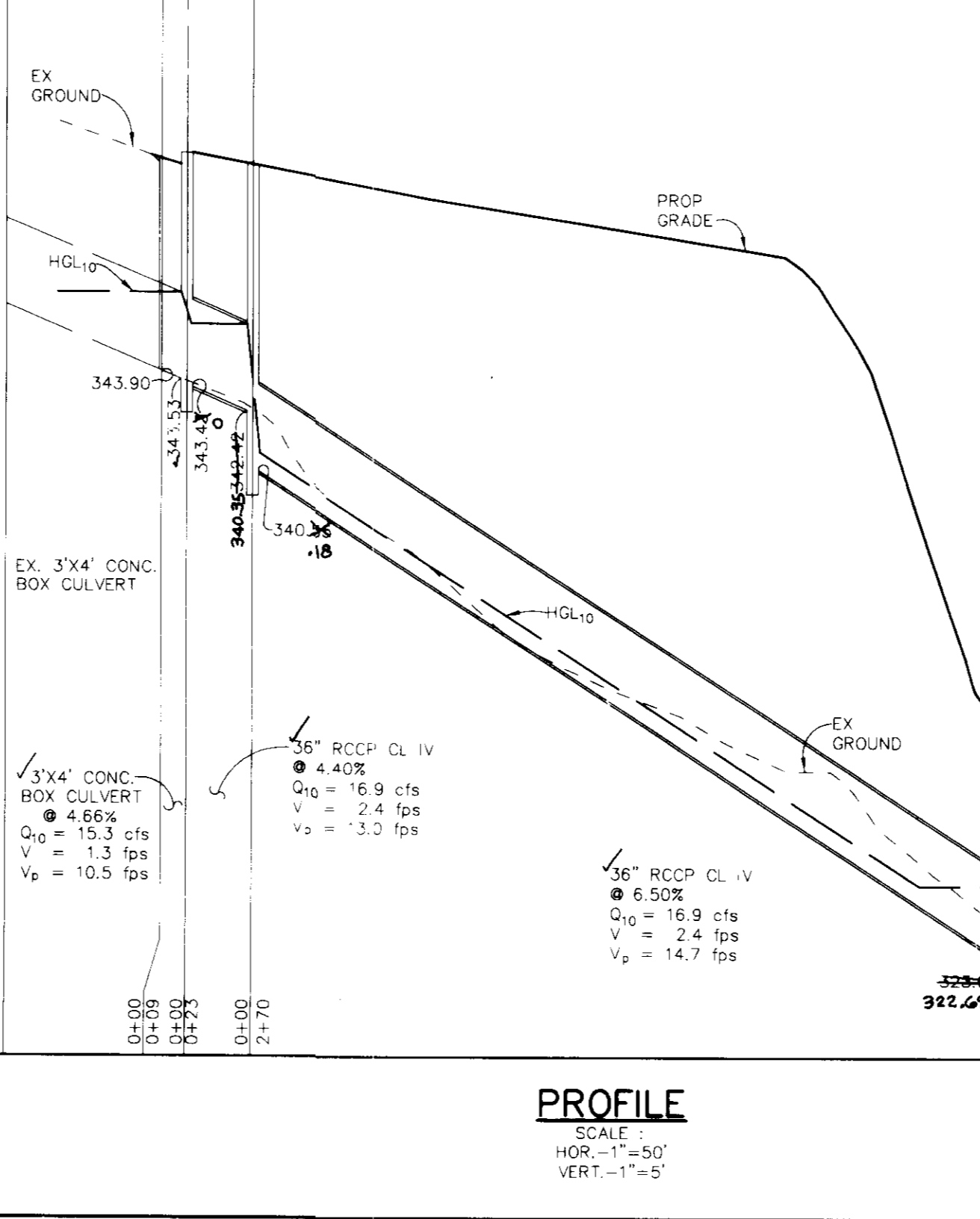
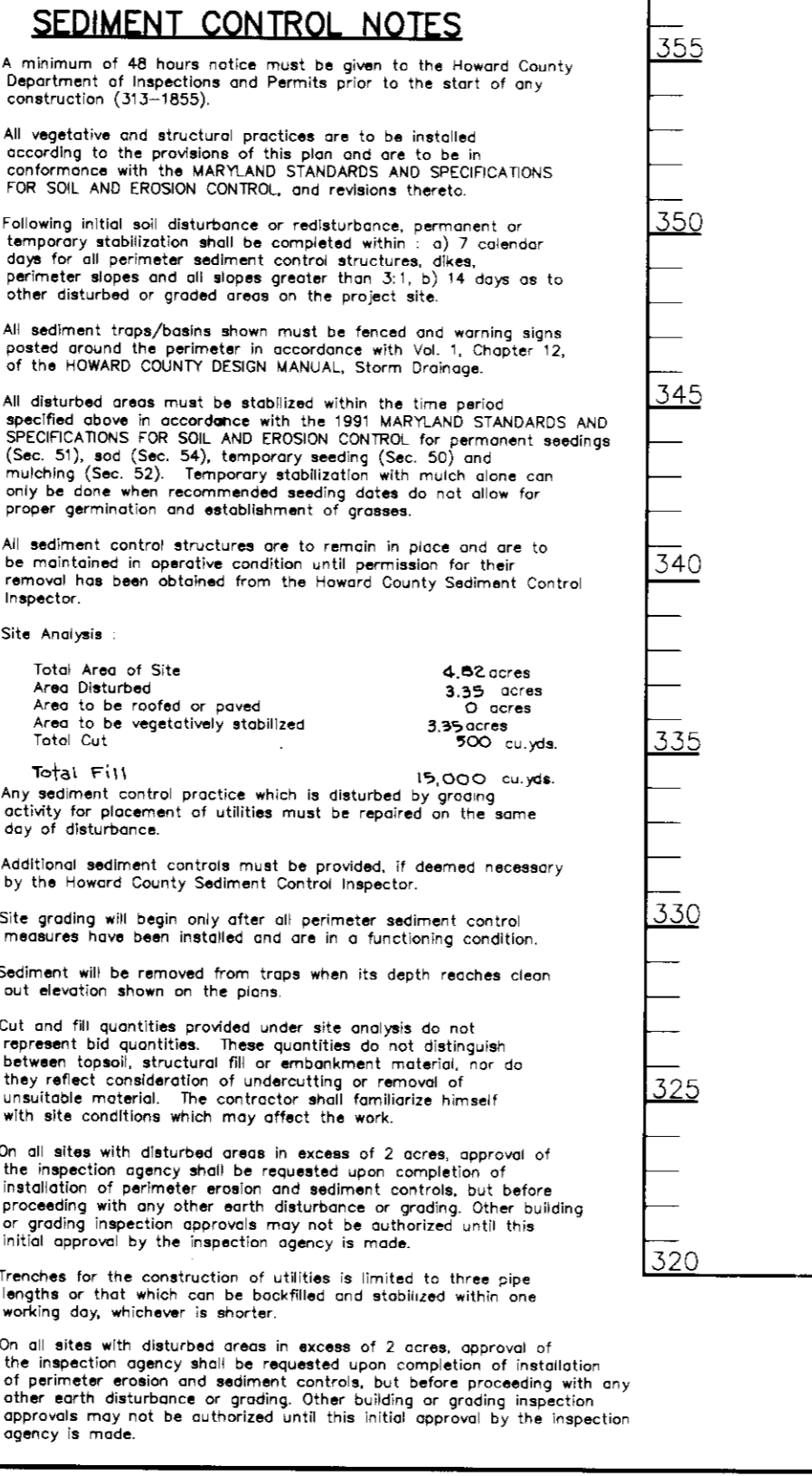
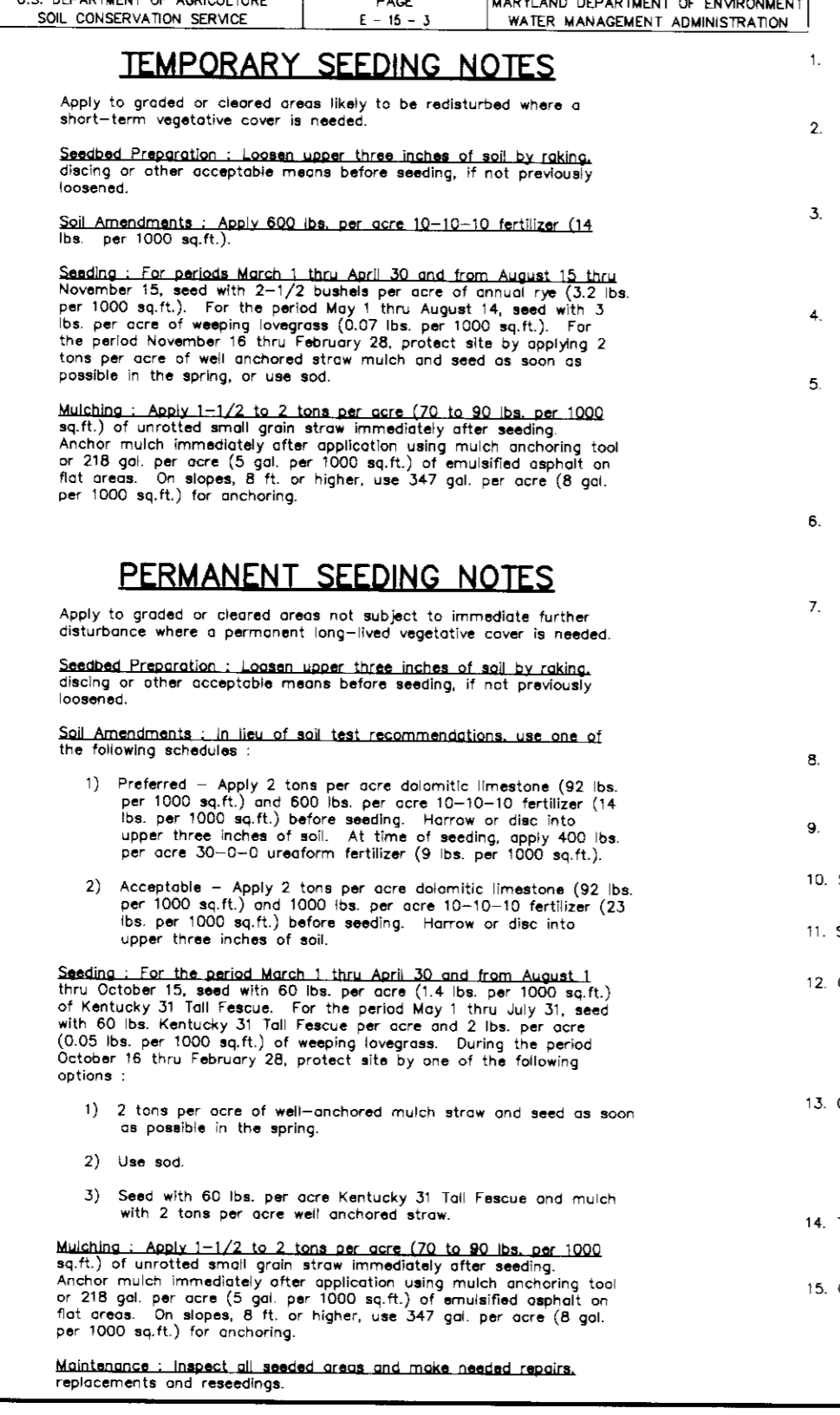
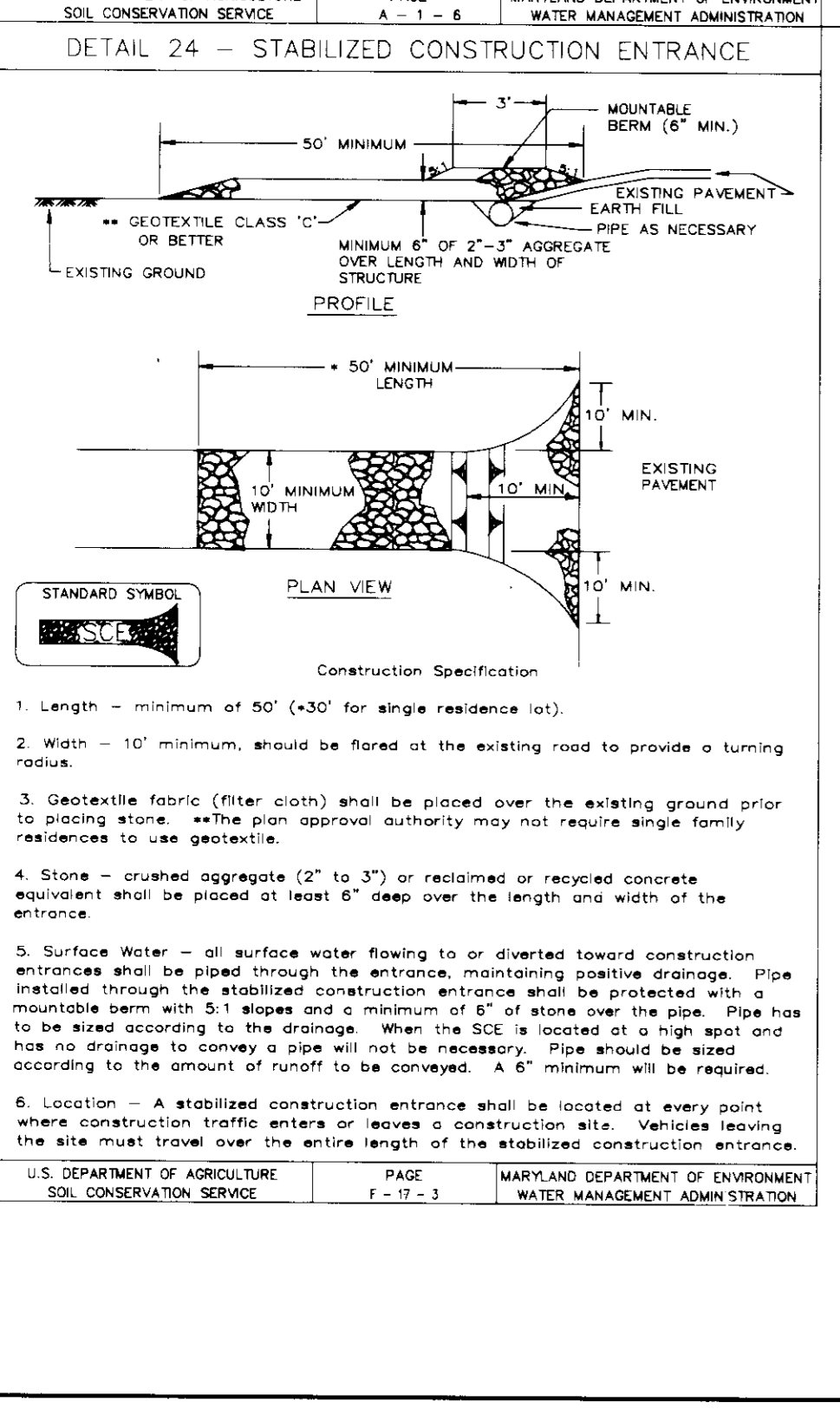
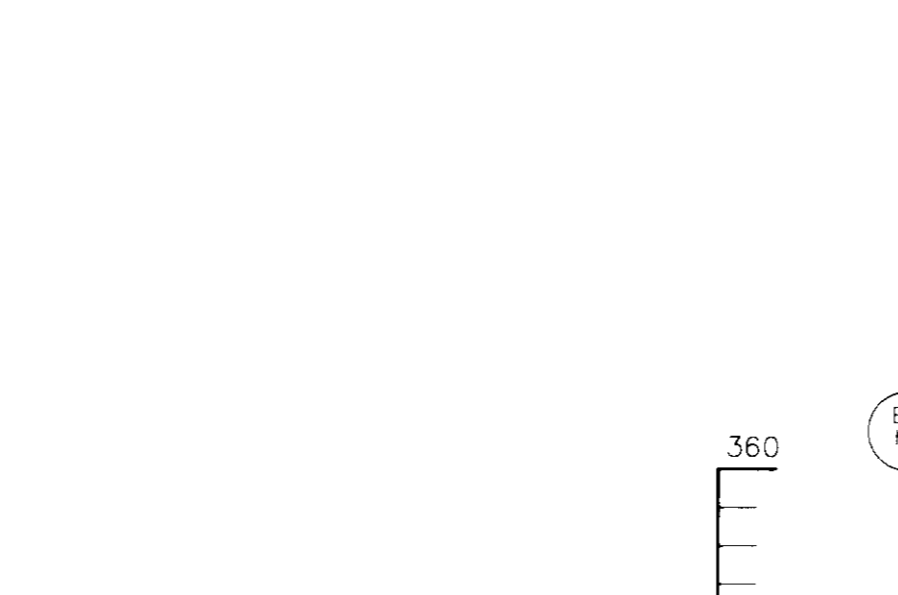
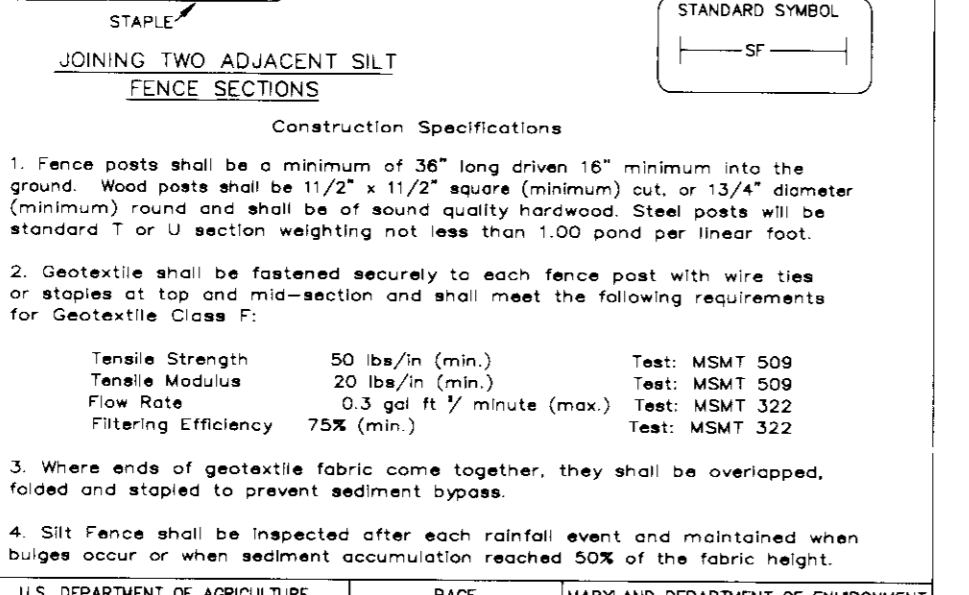
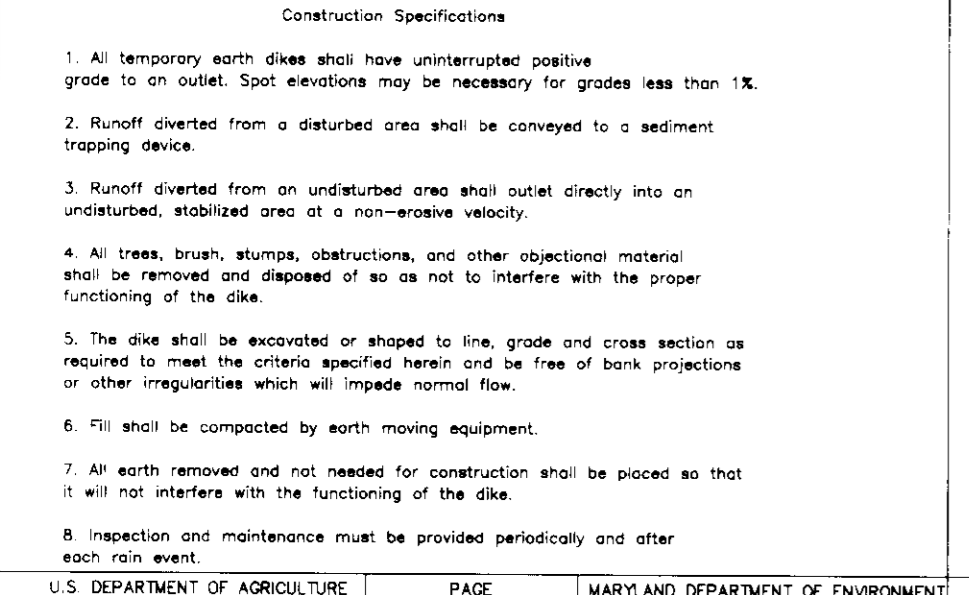
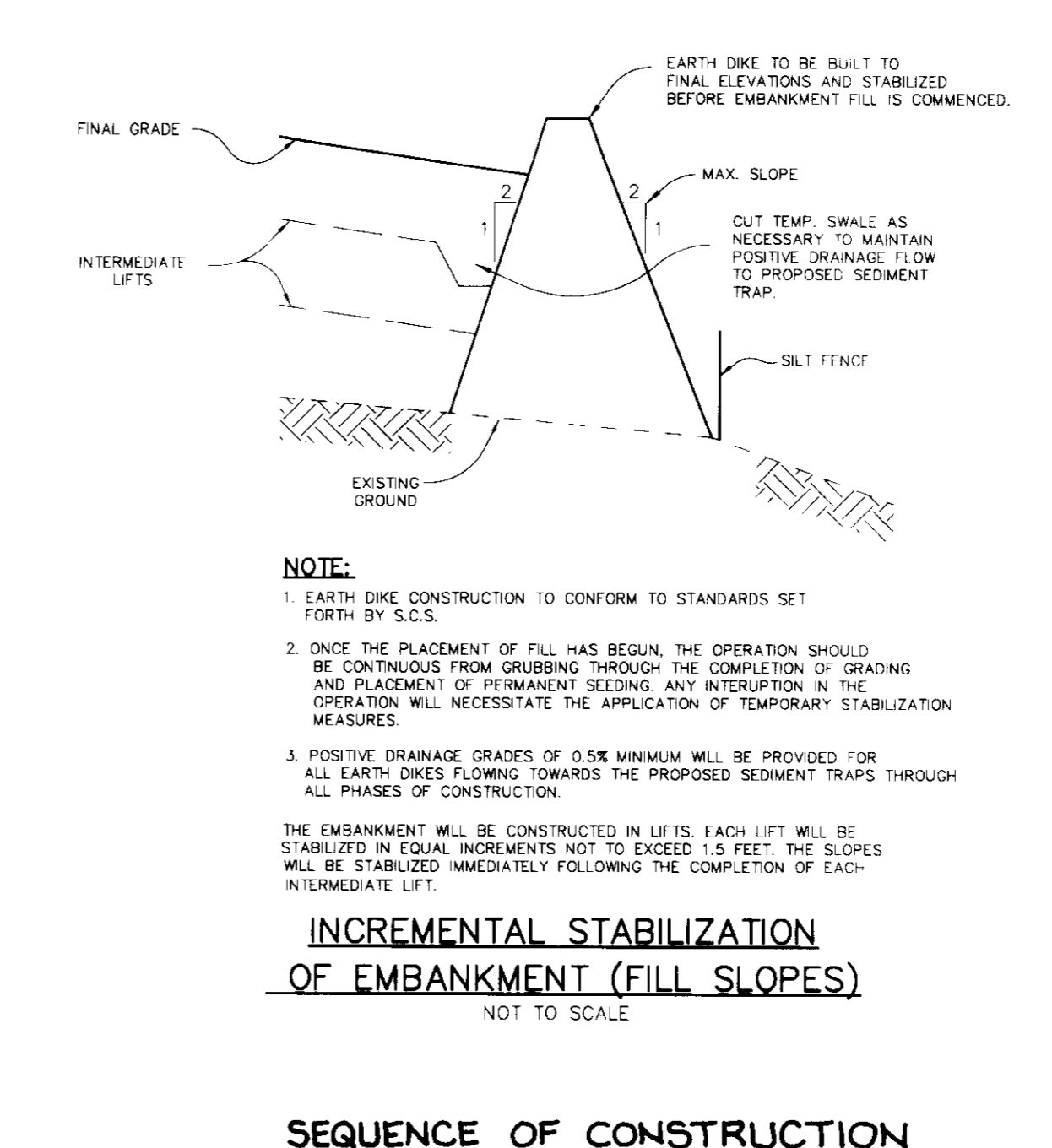
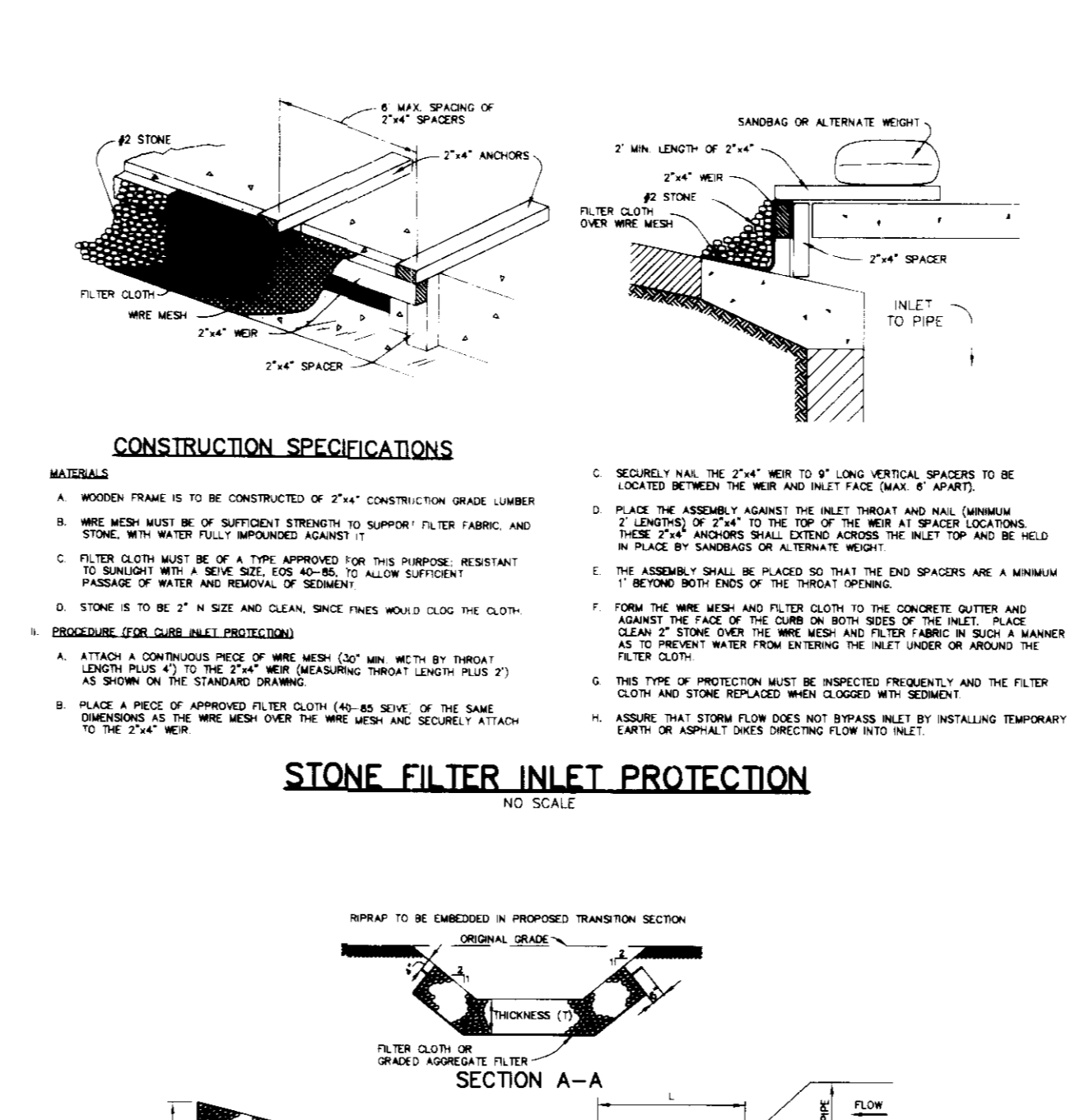
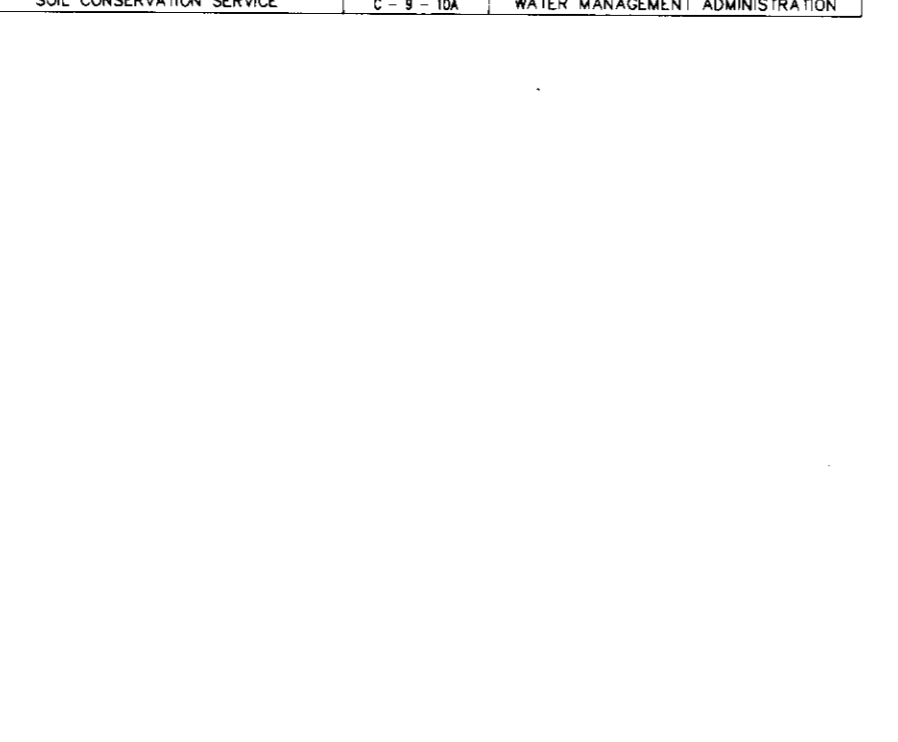
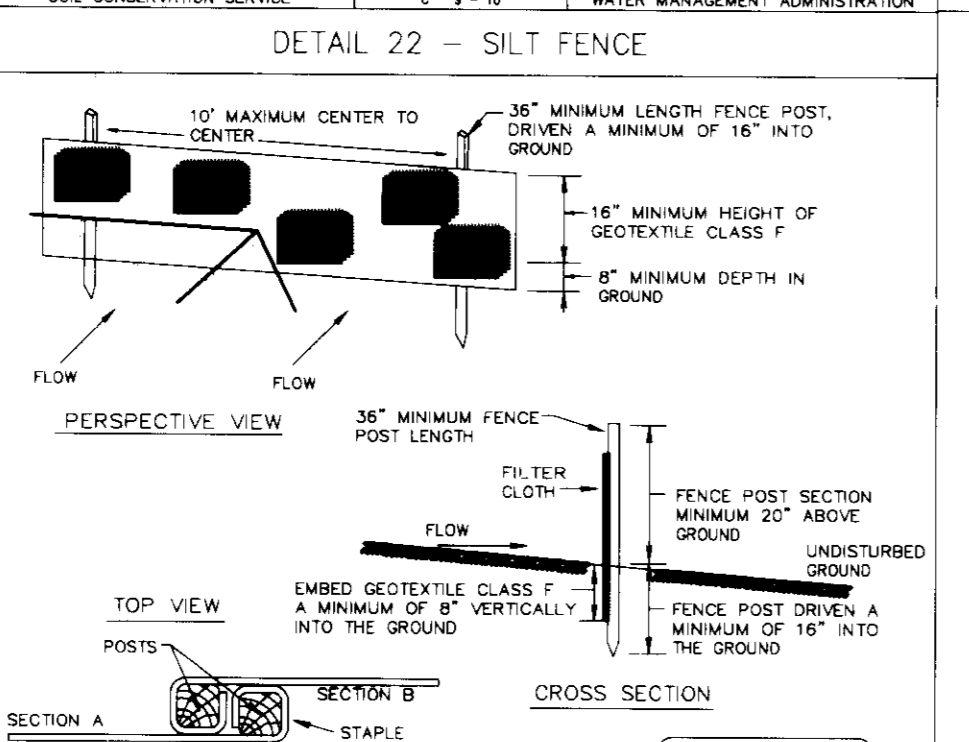
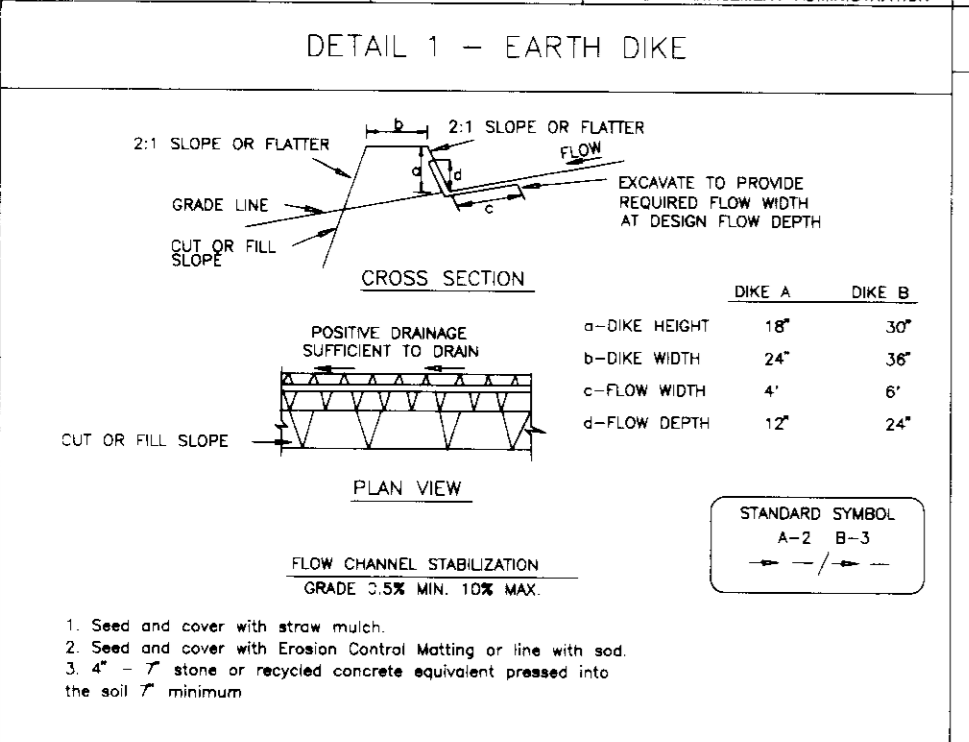
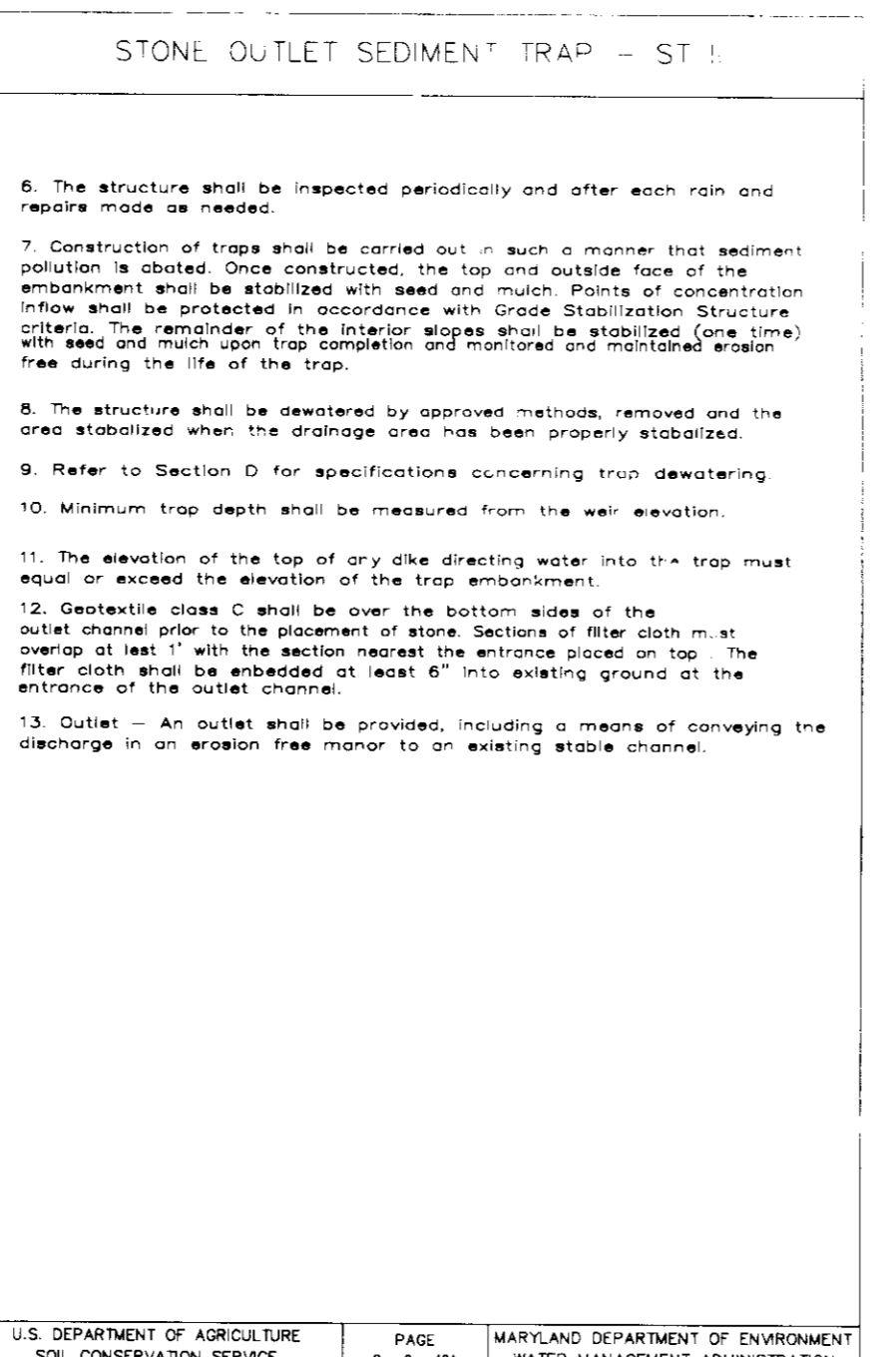
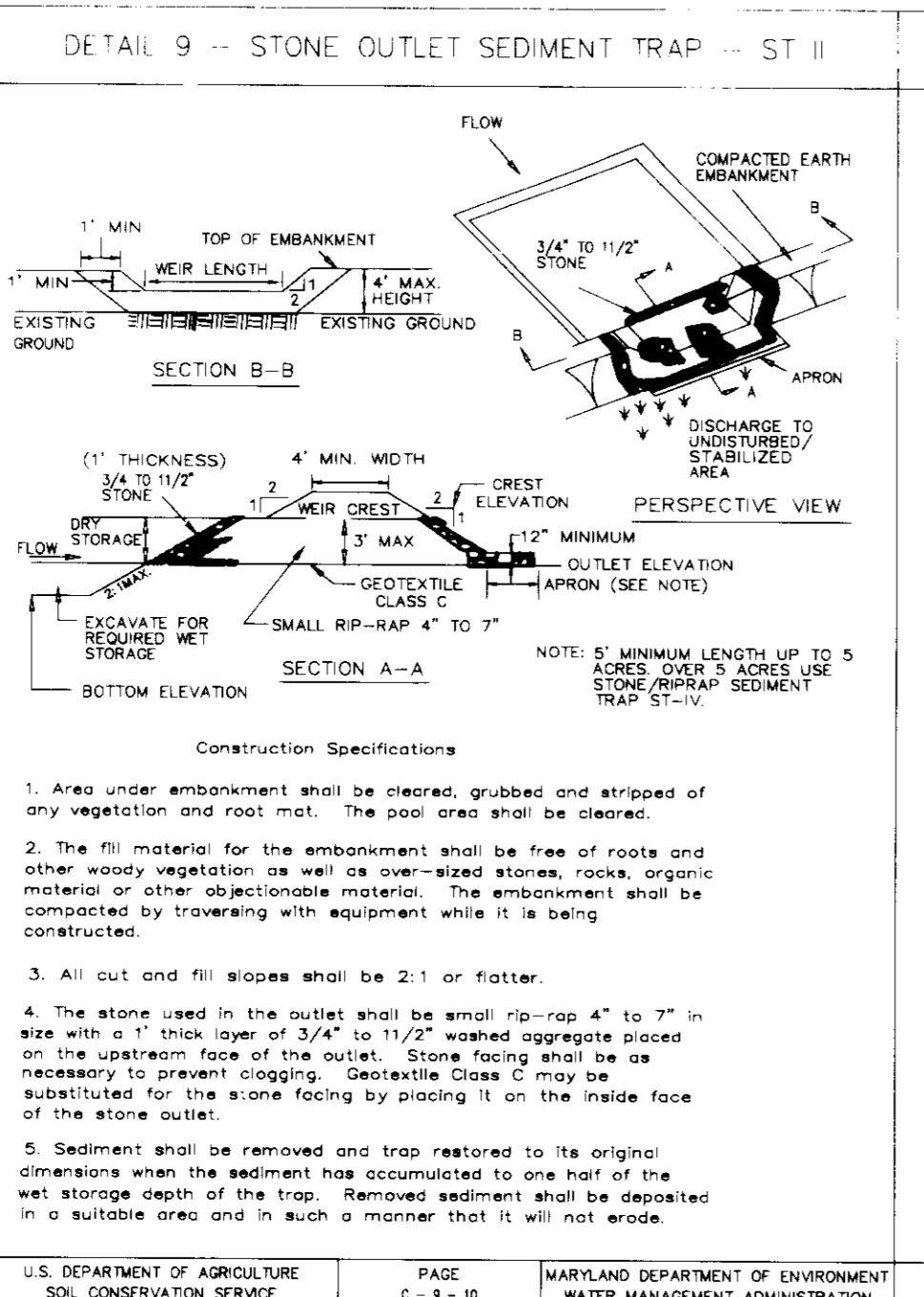
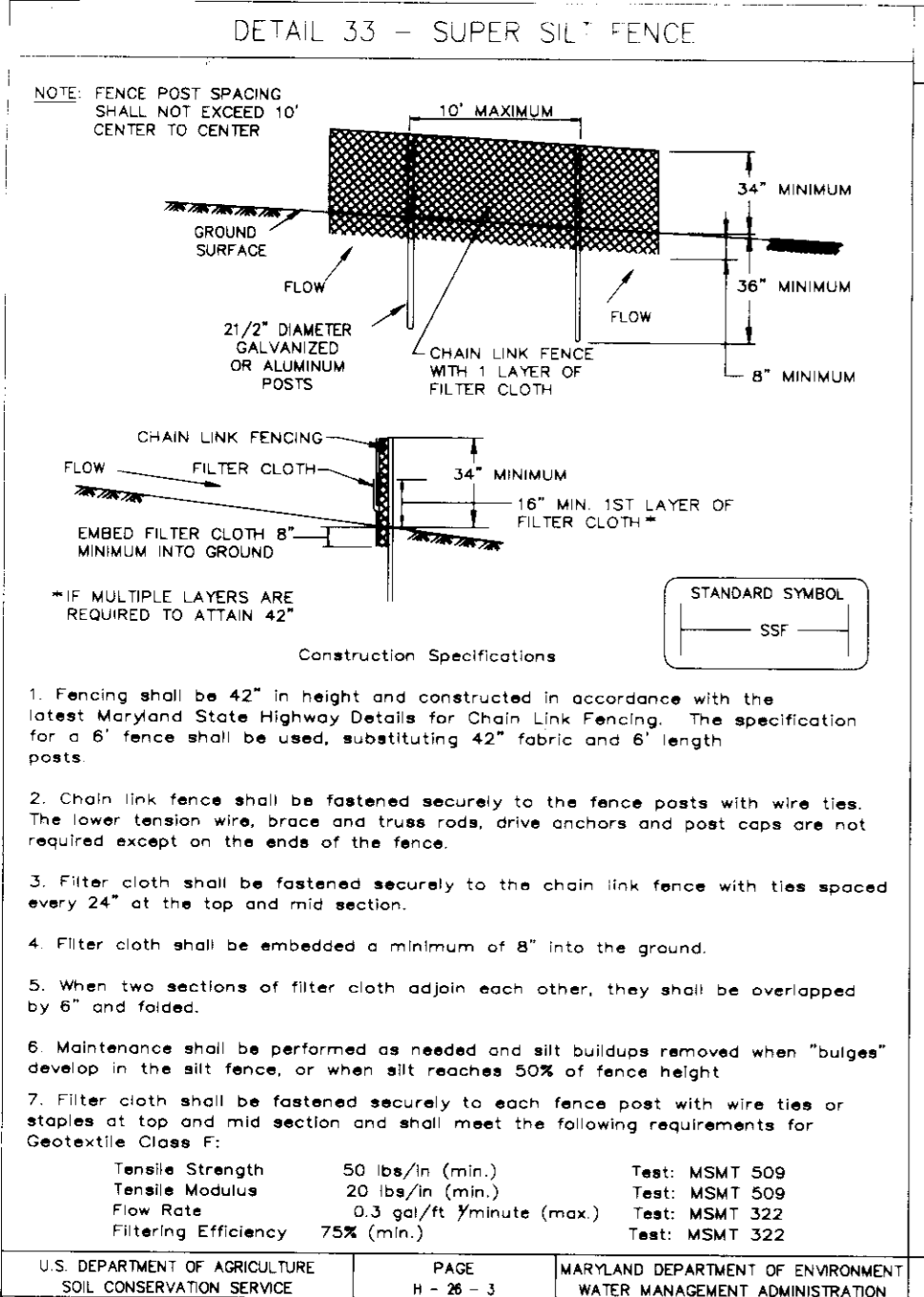
NOTE: A LETTER OF PERMISSION FOR THE REVERSIBLE GRADING EASEMENT SHALL BE OBTAINED FROM THE ADJOINING PROPERTY OWNER BY THE DEVELOPER PRIOR TO SIGNATURE APPROVAL OF THE PLANS.

- LEGEND**
- SILT FENCE
  - SUPER SILT FENCE
  - EARTH DIKE
  - LIMIT OF DISTURBANCE
  - INLET PROTECTION

**PLAN**  
SCALE: 1" = 30'

AS-BUILT CERTIFICATION	
JAYKANT D. PAREKH #19148	DATE
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 INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.	
<i>J.P. [Signature]</i>	12-13-95
DEVELOPER	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.	
<i>J. Farrell</i>	12-13-95
ENGINEER	DATE
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.	
<i>Patricia Engler</i>	1/24/96
NATURAL RESOURCE CONSERVATION SERVICE	DATE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.	
<i>John R. Robertson</i>	1/24/96
HOWARD SOIL CONSERVATION DISTRICT	DATE
APPROVED BY HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.	
<i>Joseph J. Smith</i>	2/5/96
DIRECTOR	DATE
<i>William D. [Signature]</i>	1/30/96
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE
<i>Uma [Signature]</i>	2/2/96
CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH	DATE
DATE NO. REVISION	
OWNER BROOKSIDE LIMITED PARTNERSHIP 8480 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21043	
DEVELOPER SECURITY ENTERPRISES, INC. P.O. BOX 609 ELLICOTT CITY, MARYLAND 21043	
PROJECT <b>BROOKSIDE</b>	
AREA TAX MAP NO. 17 PROPERTY OF NORMAN E. MOXLEY AND WIFE, PARCELS A & B AND PARCELS 156 & 263 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE <b>SITE DEVELOPMENT AND SEDIMENT CONTROL PLAN</b>	
RIEMER MUEGGE & ASSOCIATES, INC. Planners • Engineers • Surveyors 8818 Centre Park Drive • Suite 200 • Columbia, MD 21045 410-997-8900 FAX: 410-997-9282	
12-13-95	
DATE	
JAYKANT D. PAREKH #19148	DATE
DESIGNED BY : D.R.F.	
DRAWN BY: DAM	
PROJECT NO : HOCO\76800 SDP2.DWG	
DATE :	
SCALE : 1" = 30'	
DRAWING NO. 2 OF 4	





**AS-BUILT CERTIFICATION**

STATE OF MARYLAND  
PROFESSIONAL ENGINEER

JAYKANT O. PAREKH #19148

DATE

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 INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER: JAYKANT O. PAREKH #19148 DATE: 12-13-95

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.

ENGINEER: J. Savell DATE: 12-13-95

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

NATURAL RESOURCES CONSERVATION SERVICE DATE: 1/24/96

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

HOWARD SOIL CONSERVATION DISTRICT DATE: 1/24/96

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DIRECTOR: [Signature] DATE: 2/5/96

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE: 1/20/96

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH DATE: 2/6/96

DATE	NO.	REVISION

OWNER: BROOKSIDE LIMITED PARTNERSHIP  
8480 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY, MARYLAND 21043

DEVELOPER: SECURITY ENTERPRISES, INC.  
P.O. BOX 609  
ELLICOTT CITY, MARYLAND 21043

PROJECT: BROOKSIDE

AREA: TAX MAP NO. 17  
PARCELS A & B AND PARCELS 15G AND 26g  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: SEDIMENT CONTROL NOTES & DETAILS AND STORM DRAIN PROFILES

RIEMER MUEGGE & ASSOCIATES, INC.  
Planners • Engineers • Surveyors  
8818 Centre Park Drive • Suite 200 • Columbia, MD 21045  
410-997-8900 FAX: 410-997-9282

DATE: 12-13-95

DESIGNED BY: D.R.F.

DRAWN BY: DAM

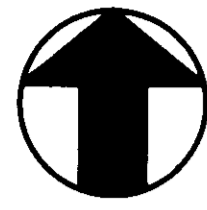
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SDP2.LWG

DATE:

SCALE: 1" = 30'

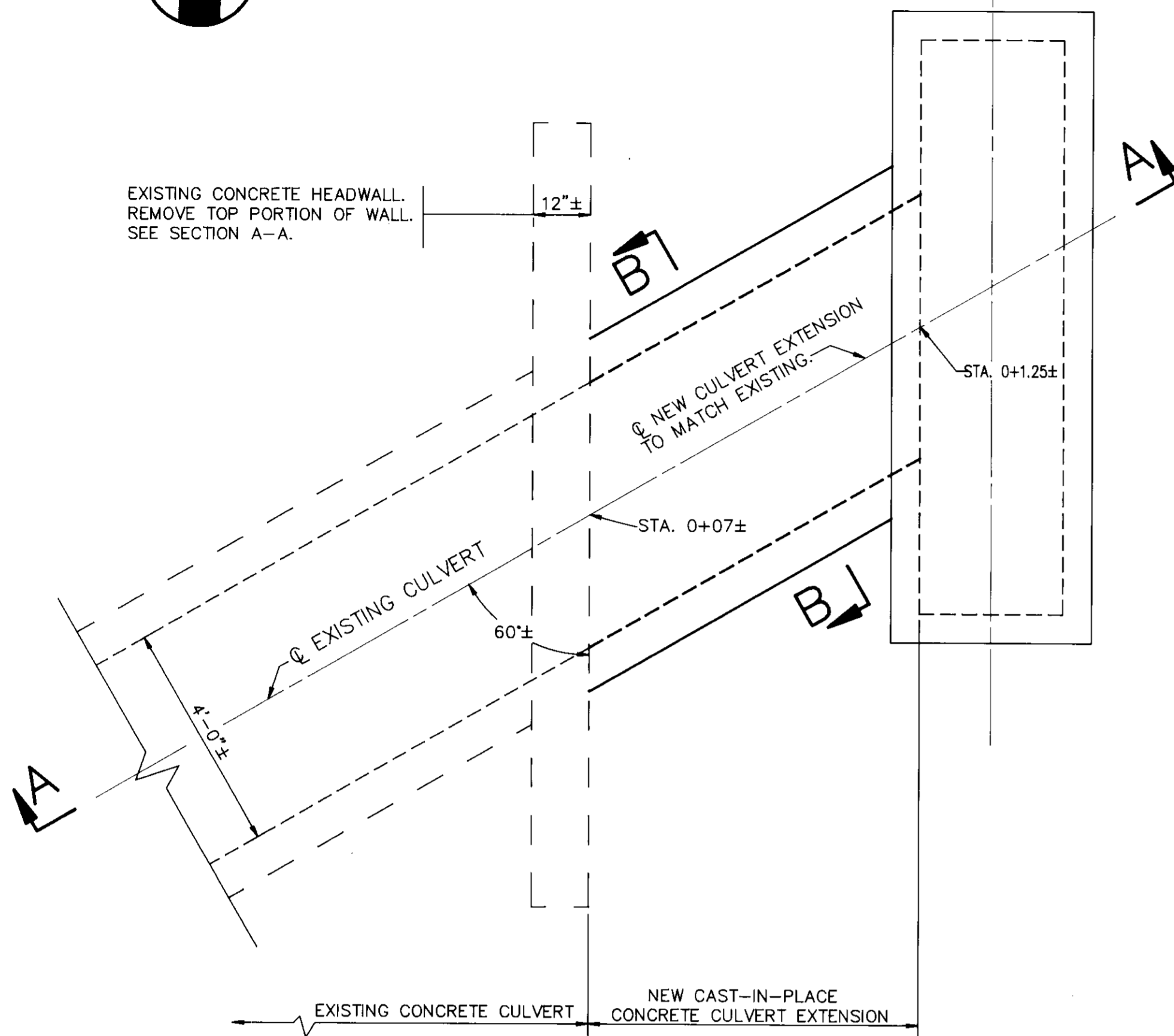
DRAWING NO.: 3 OF 4

SDP-95-124



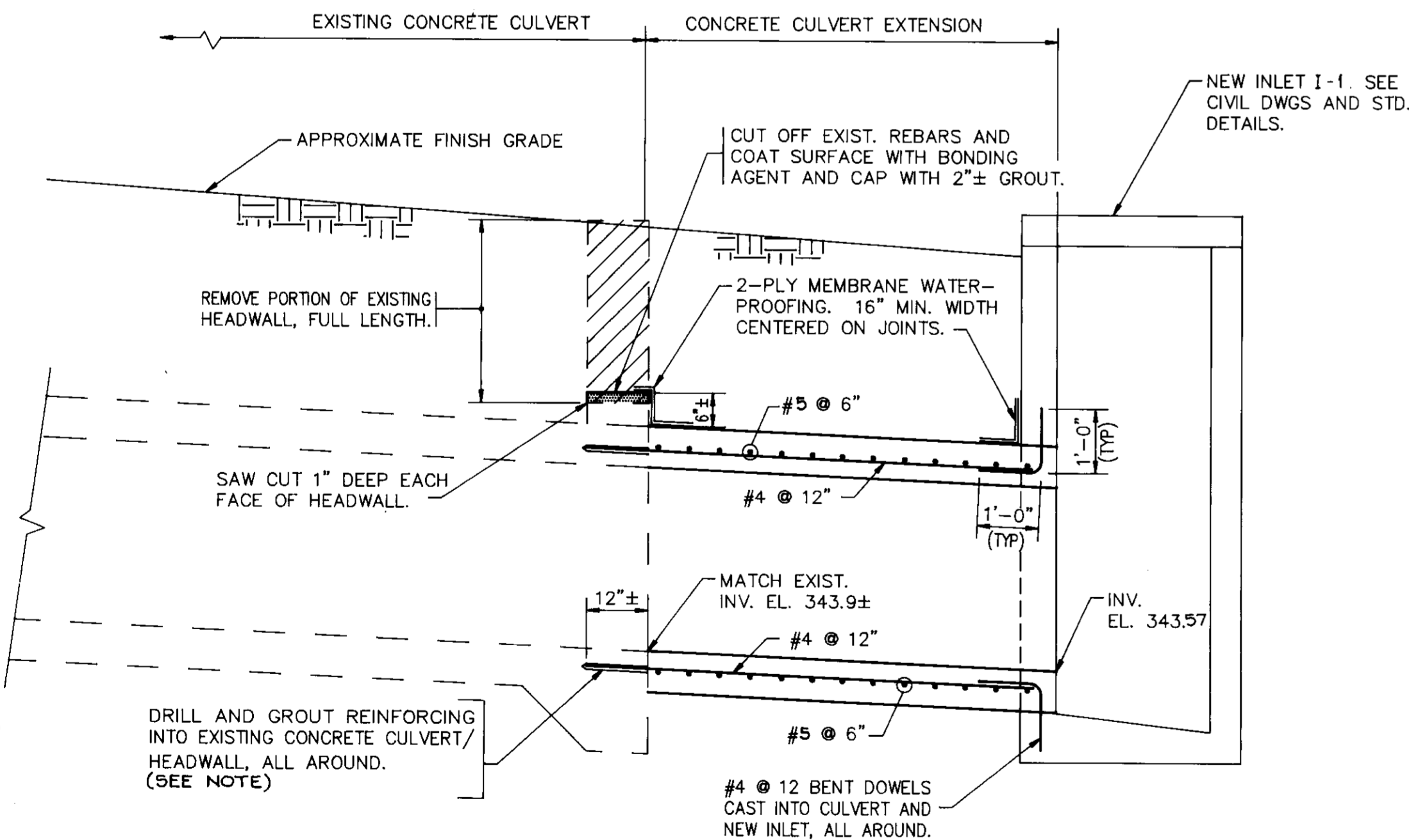
NEW INLET I-1. SEE CIVIL DWGS. AND STD. DETAILS.

EXISTING CONCRETE HEADWALL. REMOVE TOP PORTION OF WALL. SEE SECTION A-A.



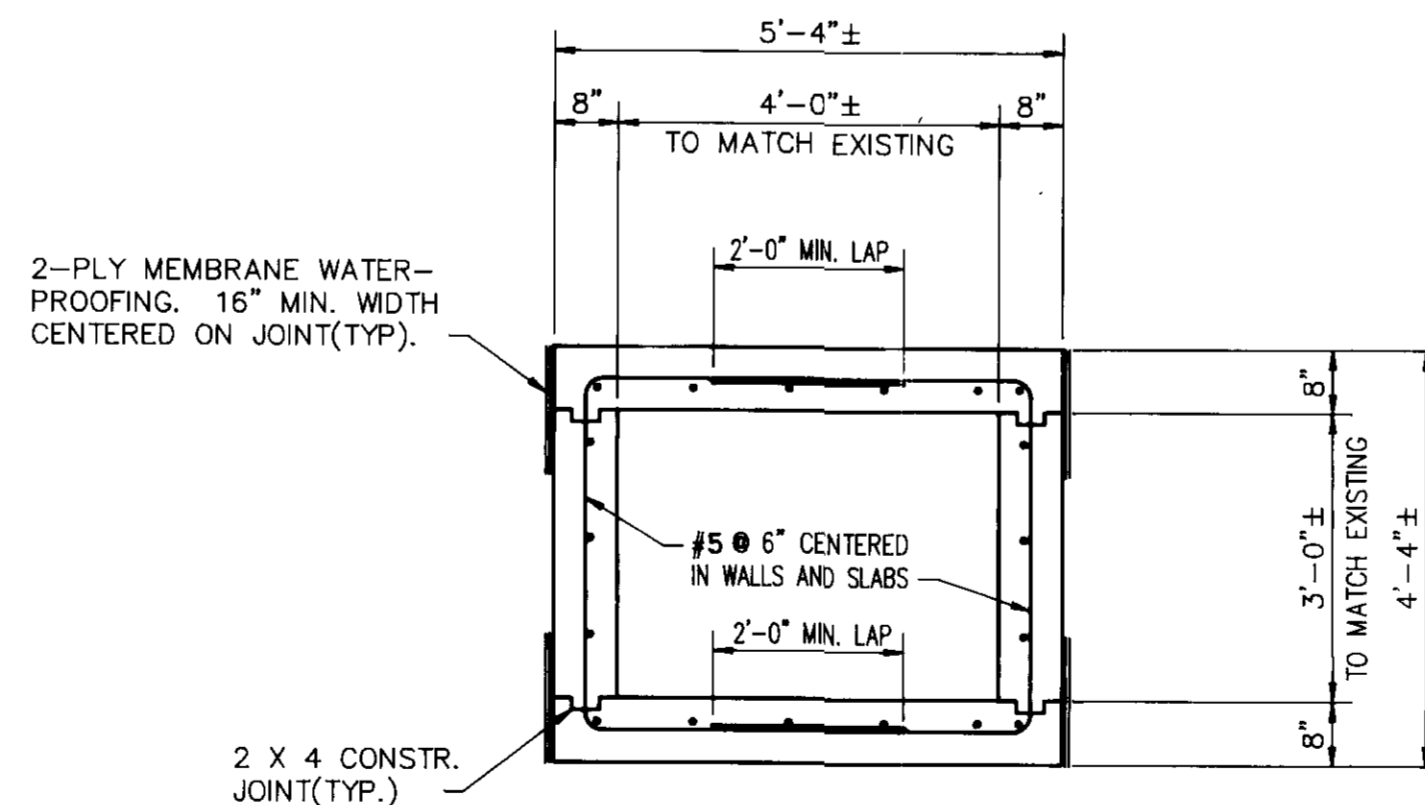
**PLAN-CULVERT EXTENSION**

SCALE: 1/2"=1'-0"



**SECTION A-A**

SCALE: 1/2"=1'-0"



**SECTION B-B**

SCALE: 1/2"=1'-0"

NOTE: LONGITUDINAL REINFORCING TO BE #4 @ 12" O/C.

**GENERAL NOTES-CULVERT EXTENSION**

SPECIFICATIONS: HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND SHA SPECIFICATIONS DATED JANUARY, 1993 REVISIONS THEREOF AND ADDITIONS THERETO.

AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1992 FOR DESIGN INCLUDING ALL INTERIM SPECIFICATIONS THROUGH 1993.

LOADING: HS-25.

CONCRETE: ALL CONCRETE FOR BOX CULVERT EXTENSION SHALL BE MIX NO. 3(3500 PSI).

REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. ALL SPLICES NOT SHOWN SHALL BE LAPPED 40 BAR DIAMETERS. MINIMUM COVER FOR ANY BAR SHALL BE 2" UNLESS NOTED OTHERWISE.

KEY: ALL KEYS ARE NOMINAL SIZE.

CONCRETE DESIGN: SERVICE LOAD DESIGN METHOD.  $F_c = 1200 \text{ PSI}$ ,  $F_s = 24000 \text{ PSI}$

EXISTING STRUCTURE: ALL DIMENSIONS AFFECTED BY THE GEOMETRICS, AND/OR LOCATION OF THE EXISTING CULVERT SHALL BE CHECKED IN THE FIELD BY THE CONTRACTOR, BEFORE ANY CONSTRUCTION IS DONE, AND BEFORE ANY REINFORCING STEEL, ETC., IS ORDERED OR FABRICATED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY THE ENGINEER WITH ALL FIELD DIMENSIONS REQUIRED TO CHECK DETAIL DRAWINGS. THE ± MARKS SHOWN WITH DIMENSIONS AND STATIONS DO NOT INDICATE ANY DEGREE OF PRECISION. THESE MARKS (±) INDICATE EXISTING DIMENSIONS AND STATIONS THAT MAY VARY AND DO REQUIRE FIELD VERIFICATION BY THE CONTRACTOR.

EXISTING STRUCTURE SHOWN IN LONG DASHED LINES.

PORTIONS OF EXISTING STRUCTURE SHOWN HATCHED, TO BE REMOVED

COVER FOR CONCRETE CULVERT: NO CONSTRUCTION EQUIPMENT SHALL BE PERMITTED TO PASS OVER THE CULVERT UNTIL A MINIMUM OF 3 FT. OF COMPACTED FILL HAS BEEN PLACED OVER THE CULVERT.

AS BUILT CERTIFICATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

Director: *James S. Butler* 2/5/96  
 Chief, Division of Community Planning and Land Development: *Anna S. Williams* 2/27/96

Chief, Development Engineering Division: *Charles S. Nolan* 1/20/96

OWNER: BROOKSIDE LIMITED PARTNERSHIP  
 8480 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND 21043

DEVELOPER: SECURITY ENTERPRISES, INC.  
 P.O. BOX 609  
 ELLICOTT CITY, MARYLAND 21043

PROJECT: BROOKSIDE

AREA: TAX MAP No. 17  
 PROPERTY OF NORMAN E. MOXLEY AND WIFE  
 PARCELS A + B AND PARCELS 196 AND 263  
 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: BOX CULVERT EXTENSION DETAILS

NOLAN ASSOCIATES, INC.  
 CONSULTING ENGINEERS - CIVIL/STRUCTURAL  
 P.O. BOX 2579, COLUMBIA, MARYLAND 21045  
 PHONE: (301) 995-3651 FAX: (301) 995-1363

DESIGNED BY: CSN  
 DRAWN BY: CSN  
 NAI PROJECT NO.: 91-030  
 DATE: JUNE 10, 1995  
 SCALE: AS SHOWN  
 DRAWING NO. 4 OF 4

CHARLES S. NOLAN #15212