

- LEGEND**
- TREE TO REMAIN
 - TREE TO BE REMOVED
 - PROPOSED TREES
 - [WHITE DOGWOOD (CORNUS FLORIDA)]
5 TO 6 FT., B & B - 5' REQ.

- GENERAL NOTES**
- All construction shall be in accordance with the latest standards and specifications of Howard County, Maryland and the Maryland State Highway Administration.
 - Information concerning underground utilities was obtained from available records, but the contractor must determine the exact location and elevations of all utilities prior to construction.
 - The contractor shall notify "MISS UTILITY" 1-800-257-7777 at least 48 hours prior to start of construction.
 - Boundary and Topographic Survey by AI Brown Surveys, Inc dated January, 1988.
 - Tax Map 43 / Parcel 102 Deed Reference - 374/666
 - site to utilize existing water and sewer connection.

- SITE ANALYSIS**
- Total Area of Parcel 0.53792 Ac. 23,432 s.f.
 - Present Zoning - M-2 (Manufacturing, Heavy)
 - Floor Area
Basement = 900 sf
Ground Floor = 900 sf
Second Floor = 360 sf
Total = 2160 sf
Office Space Available = 2160 sf (max. gross)
 - Number of Employees - 10+
 - Parking Spaces Required:
Office (1 sp / 200sf) = 2160/200 = 11 spaces
 - Parking Spaces Provided:
Regular Spaces = 12
Handicap Spaces = 1
 - Open Space (green area):
Required = 20%
Provided = 38% or 8904 sf
 - Building Coverage:
950 sf or 4%
 - Parking Lot
Total Area = 8470 sf
Landscaped Area = 470 sf (5.5%)
 - Proposed Site Use:
Plumbing supply Storage Facility

- STORMWATER MANAGEMENT INFILTRATION BASIN (SEE DETAILS THIS SHEET)**
- TEMPORARY BASIN/CONSTRUCTION
2' x 30' x 55' (BOTTOM EL. 230.0)
 - PERMANENT BASIN/STABILIZATION
4' x 26' x 32' (BOTTOM EL. 228.0)

I. Fine Sign:
Pursuant to Howard County Council Bill #58-84, which established a \$50.00 fine for violating provisions for handicapped parking and provided for posting notifications of that fine, this specification describes the sign authorized for posting and the associated mounting detail.

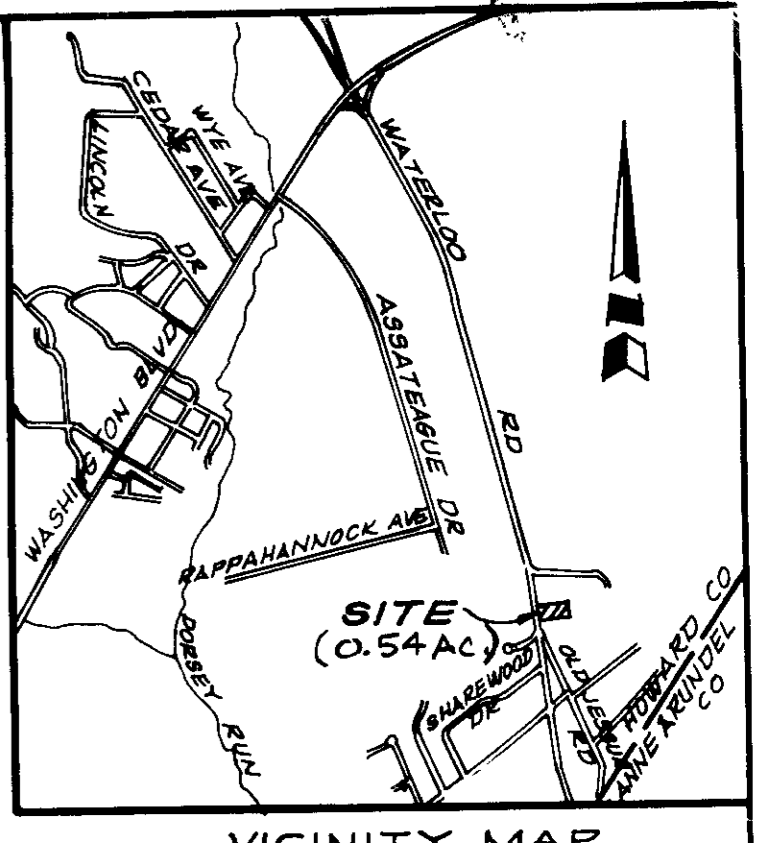


Sign to utilize an aluminum blank 6" x 12" x 0.080 inch thick with two (2) single post mounting holes. The text and border shall be standard green to match the R7-8 reserved parking sign and the background shall be reflective white. The text shall be 3" characters.

II. Mounting:
The above fine sign shall be mounted underneath the below R7-8 reserved parking sign. The bottom edge shall be no less than 7 feet above ground. If the sign is placed against a building, structure or other location where the vehicle or pedestrian traffic is not obstructed, the bottom edge of the sign shall be at least 6 feet, but no more than 10 feet above ground. Because this is in addition to existing sign installations, some adjustment in height will be necessary.



COLORS
LANDSCAPED AND BORDER - GREEN
WHITE STRIPS ON BLUE BACKGROUND
BACKGROUND - WHITE

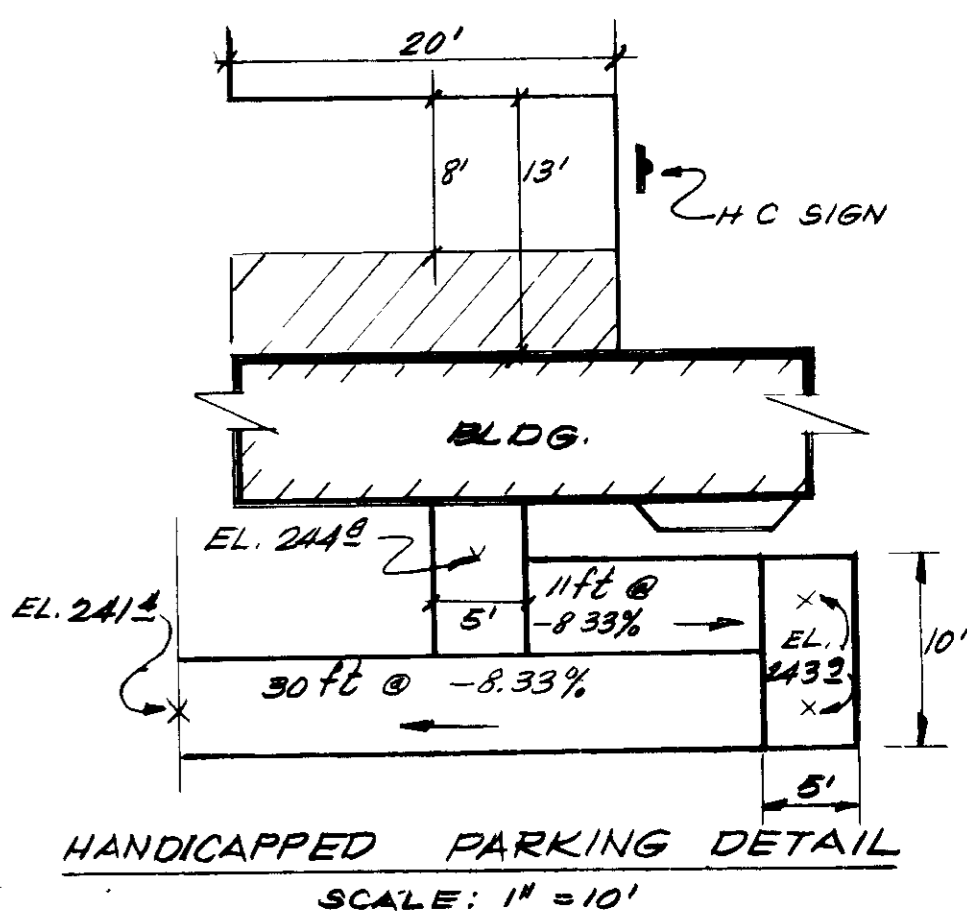


APPROVED FOR PUBLIC WATER AND PUBLIC BEVERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 1-4-90

APPROVED FOR PLANNING & ZONING
HOWARD COUNTY DEPT. OF PLANNING & ZONING
DATE: 1/19/88

APPROVED FOR PUBLIC WATER AND PUBLIC BEVERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 12/25/87

APPROVED FOR ENGINEERING
DATE: 12-28-88



ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
PARCEL 102	7771 MD. RTE 175 (WATERLOO RD.)

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
WARNER CORP. PROP	43	P. 102
PAR 1 OF 17 BLOCK 1	43	1
374/666	21	M-2
WATER CODE		SEWER CODE
B 01		30200000

SITE DEVELOPMENT PLAN

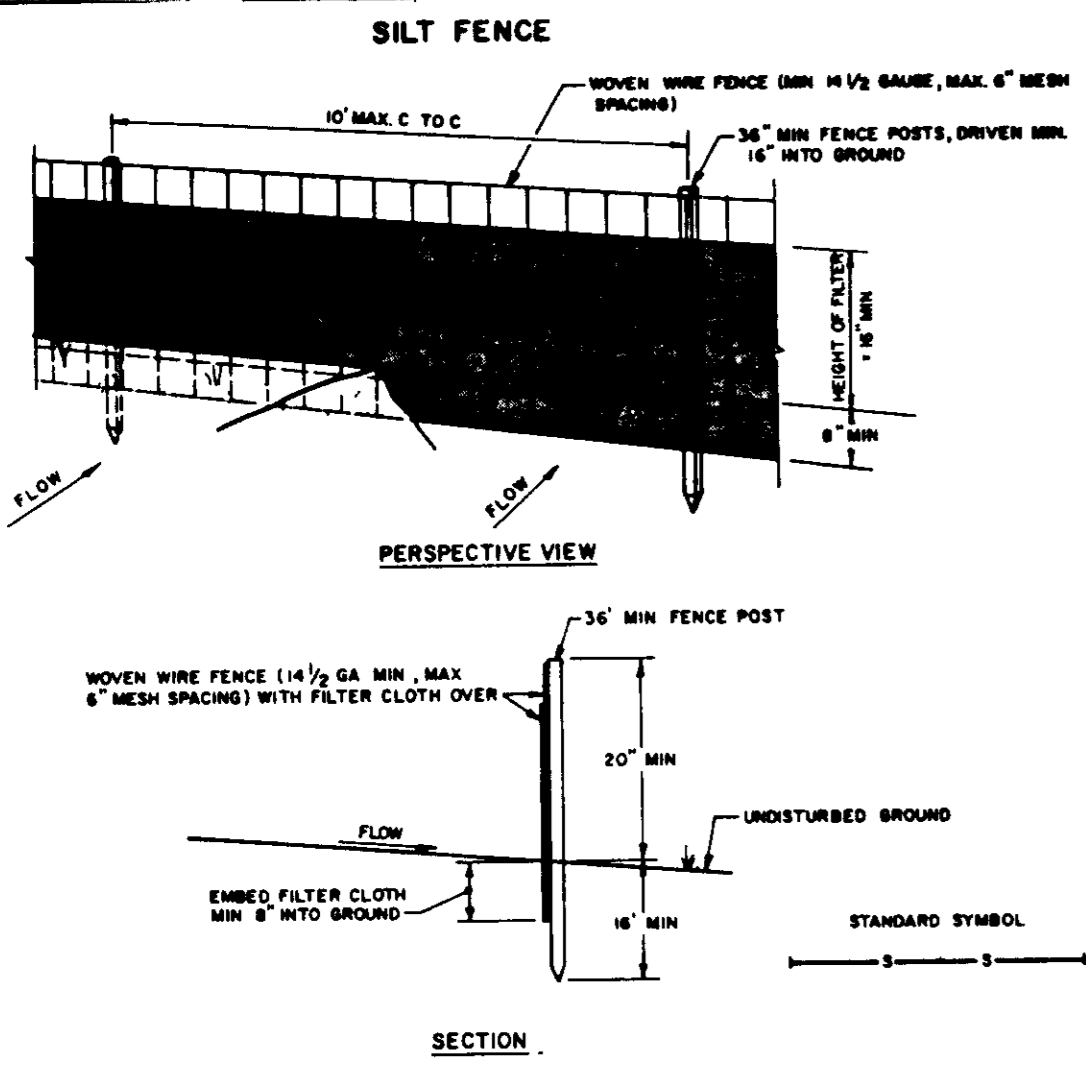
WARNER CORPORATION PROPERTY
LIBER 374 FOLIO 666
ELKBRIDGE 1ST DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 43 PARCEL 102
SCALE 1" = 30' FEB. 1988

OWN	SHEET
ACM	1
CHKD	OF
RHP	2
DATE	
FEB. 1988	
SCALE	PROJECT NO
1" = 30'	

OWNER/DEVELOPER:	NO.	REVISIONS	DATE
OWNER: SAMUEL J SHACREAW BOX 176, ROUTE 175 JESSUP, MD. 20794			
DEVELOPER WARNER CORPORATION 101 QUE ST NE WASH DC 20002			



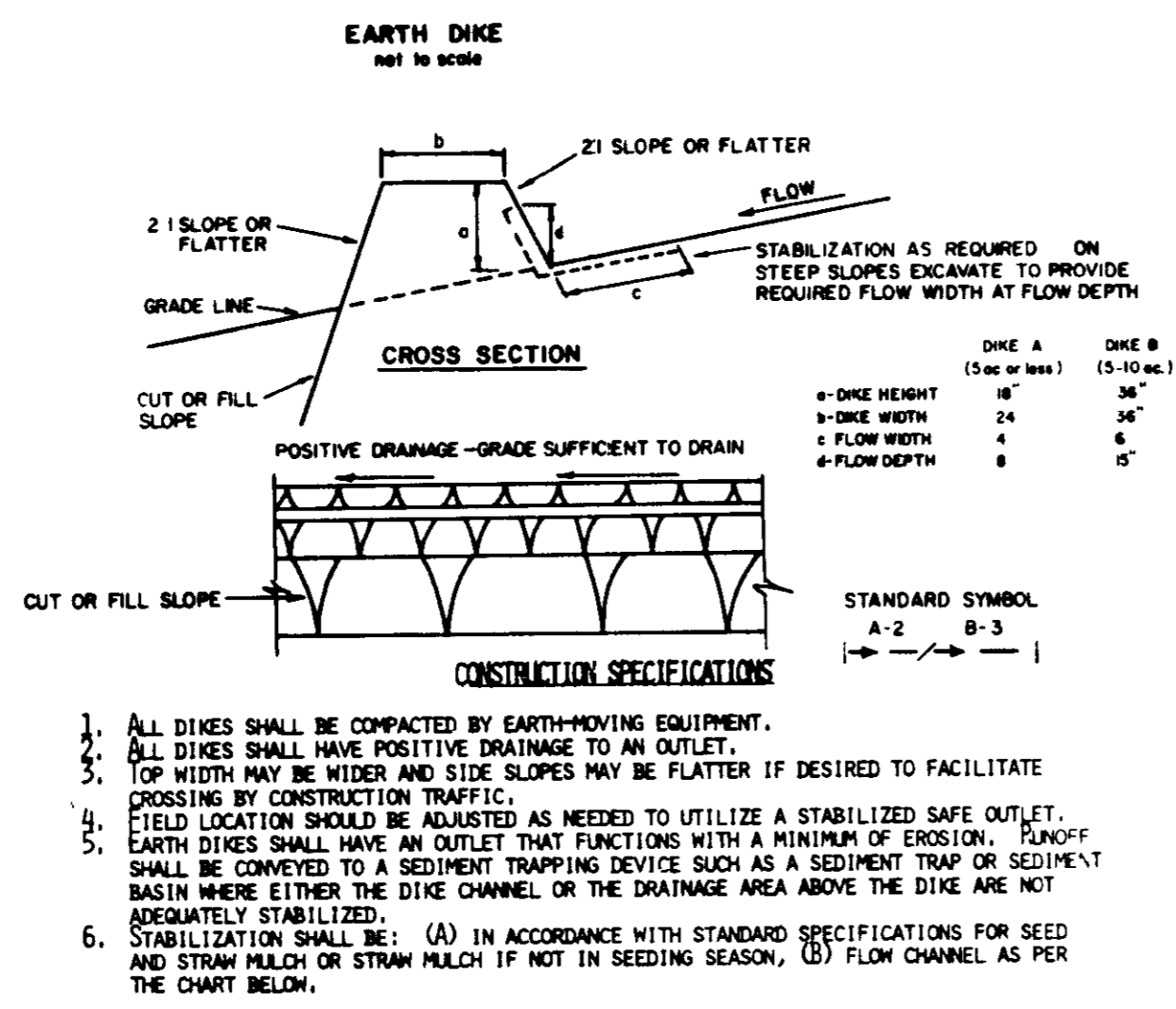
Advance Resource Consultants, Inc.
7940 Airpark Road
Gaithersburg, Maryland 20879



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

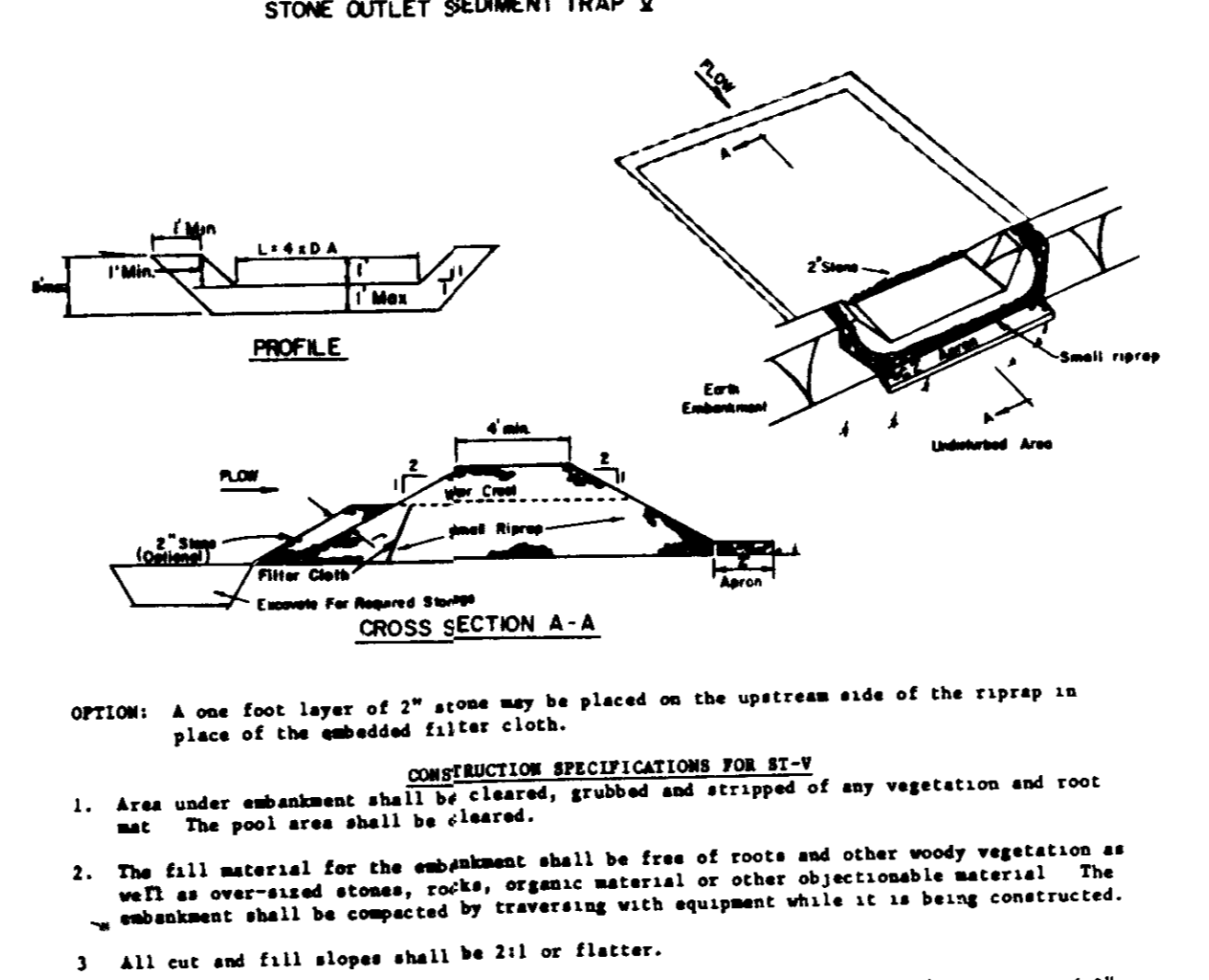
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS SEEDS AND MATERIAL REMOVED WHEN "MUDS" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" IRONROD
FENCE: WOVEN WIRE, 14 1/2 GA, 6" MAX. MESH SPACING
FILTER CLOTH: FILTER X, MIRAFLO, STABILINA 1500, OR APPROVED
PREFABRICATED UNIT: GEOTEX, ENVIRONMENTAL, OR APPROVED EQUAL.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
SILT FENCE
STANDARD DRAWING SF-1

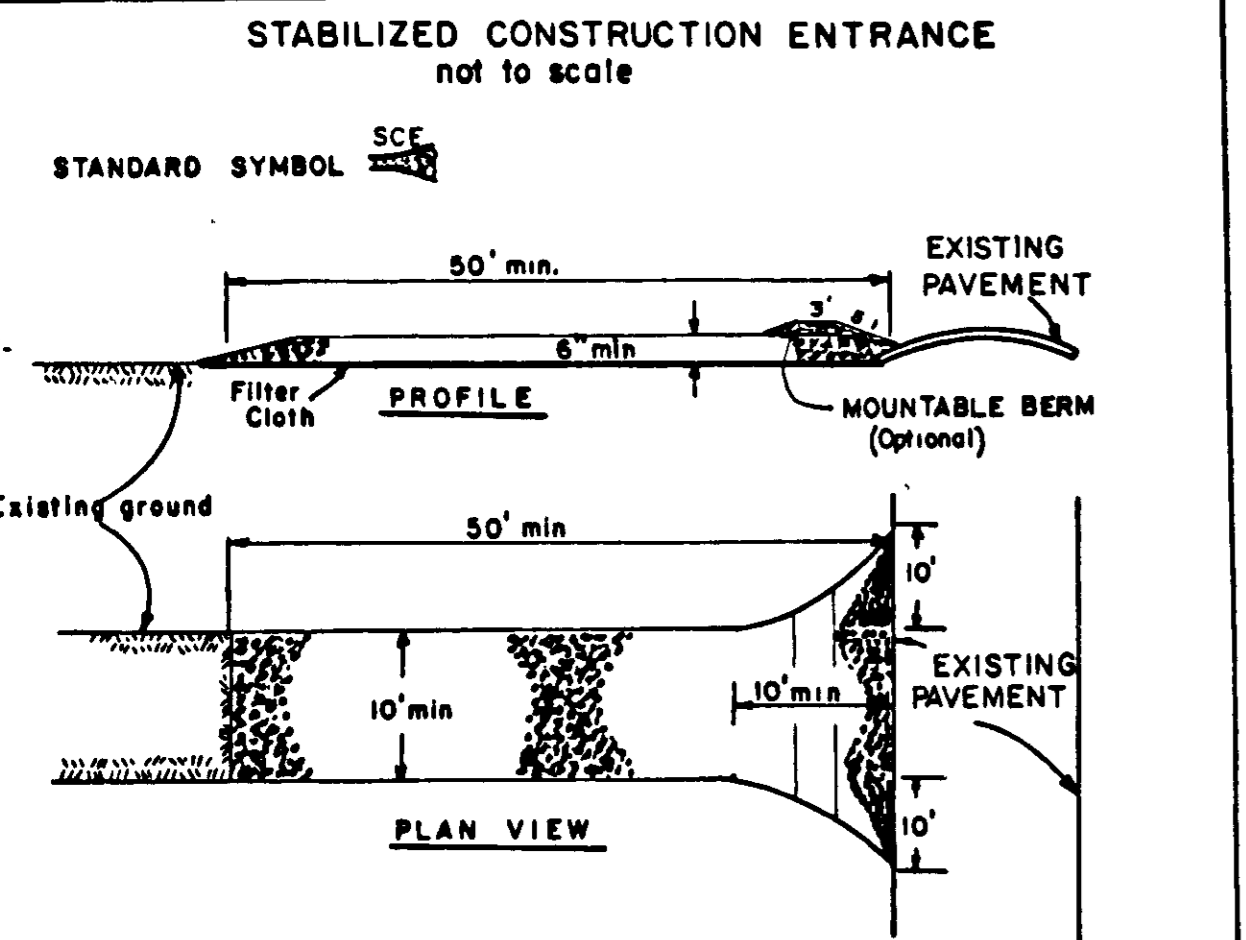


- ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
 - ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
 - TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
 - FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
 - EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
 - STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER THE CHART BELOW.
- | TYPE OF TREATMENT | CHANNEL GRADE | DIKE A | DIKE B |
|-------------------|---------------|----------------------------------|--|
| 1 | 5-3.0% | SEED AND STRAW MULCH | SEED AND STRAW MULCH |
| 2 | 3.1-5.0% | SEED AND STRAW MULCH | SEED USING JUTE, OR EXCELISOR, SOD, 2" STONE |
| 3 | 5.1-8.0% | SEED WITH JUTE, OR SOD; 2" STONE | LINED RIP-RAP 4-8" |
| 4 | 8.1-20% | LINED RIP-RAP 4-8" | ENGINEERING DESIGN |
- A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 3 INCHES THICKNESS AND PRESSED INTO THE SOIL.
C. APPROVED EQUIVANTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
EARTH DIKE
STANDARD DRAWING ED-1

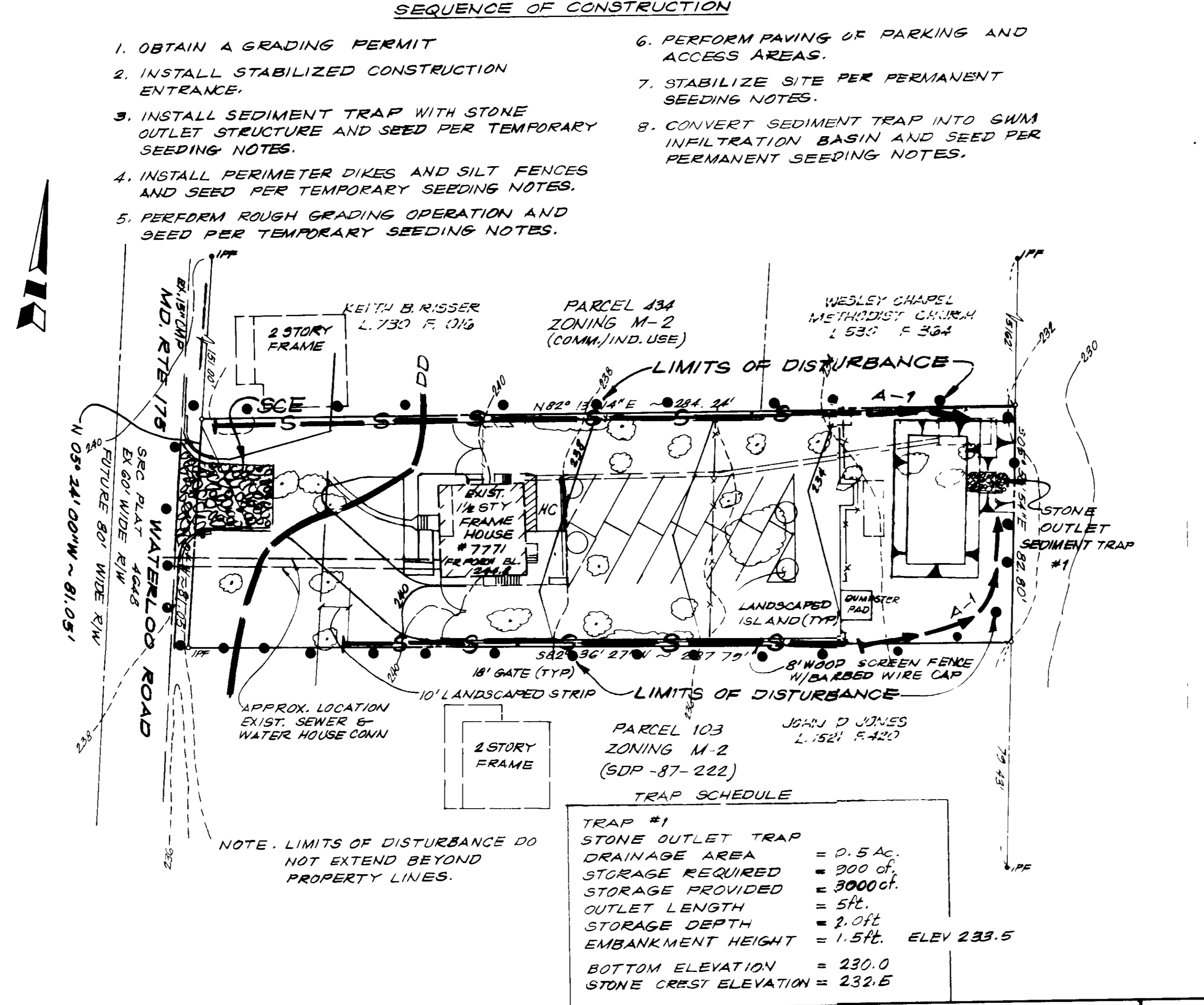


- U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND
STONE OUTLET SEDIMENT TRAP
STANDARD DRAWING ST-Y



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain event.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MD.
STABILIZED CONSTRUCTION ENTRANCE
Standard Drawing SCE-1



OWNER/DEVELOPER:	NO.	REVISIONS	DATE
OWNER: SAMUEL J SHACREAW Box 176, ROUTE 175 JESSUP, MD 20794			
DEVELOPER: WARNER CORPORATION 101 QUE ST. NE WASH DC 20002			

ARC Advance Resource Consultants, Inc.
7940 Airpark Road
Gaithersburg, Maryland 20879

SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector
- Site Analysis:
Total Area of Site: 0.54 Acres
Area Disturbed: 0.49 Acres
Area to be roofed or paved: 0.34 Acres
Area to be vegetatively stabilized: 0.15 Acres
Total Cut: 660 Cu. yds
Total Fill: 80 Cu. yds
Offsite waste/borrow area location: *Approved site*
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DFW sediment control inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

APPROVED
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 9-1-88

VICINITY MAP
SCALE: 1" = 2000'

APPROVED FOR PUBLIC WATER AND PUBLIC BEVERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *James M. Boyle* DATE: 1-4-90
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
James M. Boyle DATE: 1/19/90
APPROVED FOR PUBLIC WATER AND PUBLIC BEVERAGE SYSTEMS AND PUBLIC BODIES
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
James M. Boyle DATE: 12/18/88
James M. Boyle DATE: 12/28-83

LEGEND

- DRAINAGE DIVIDE
- • • • • LIMIT OF DISTURBANCE
- A-1 — EARTH DIKE
- S — SILT FENCE
- ▨ STABILIZED CONSTR. ENTRANCE

SEDIMENT CONTROL PLAN

WARNER CORPORATION PROPERTY

LIBER 374 FOLIO 666
ELKBRIDGE 1ST DISTRICT
HOWARD COUNTY, MARYLAND
TAX MAP 43 PARCEL 102
SCALE: 1" = 30' APR. 1988

DWN SHEET 2
ACM OF
CHKD OF
RHP 2
DATE APR 1988
SCALE PROJECT NO
1" = 30'

APPROVED
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 12/28-83