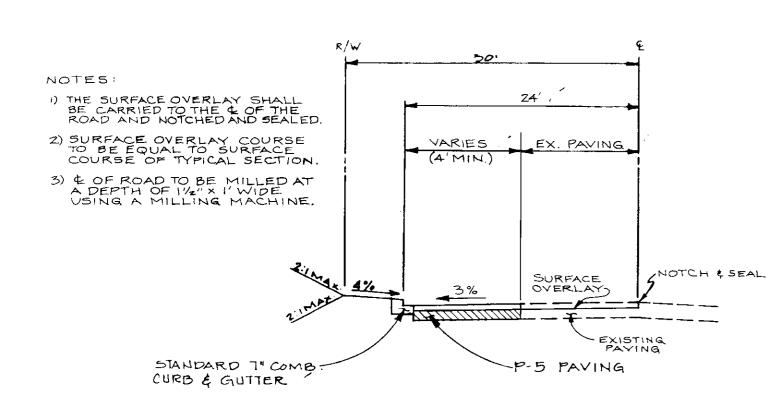


1. ALL LIGHT FIXTURES TO BE 150 WATT SODIUM

PARKING LOT LIGHTING NO SCALE



TYPICAL WIDENING SECTION ALONG TEN DAKS ROAD NO SCALE

Attach a continuous piece of wire mesh (30" min. width by

throat length plus 4') to the 2" x 4" welr (measuring throat length plus 2') as shown on the standard drawing.

Place a piece of approved filter cloth (40-85 sieve) of the

Securely mail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).

Fince the assembly against the fole: throat and nail (minimum 2' lengths of 2' x 4' to the top of the weir at spacer

locations. These 2 x 4 anchors shall extend across the inlet top and be held in place by sandbags or alternate weight

same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" we(r.

5. The assembly shall be placed so that the end spacers are a

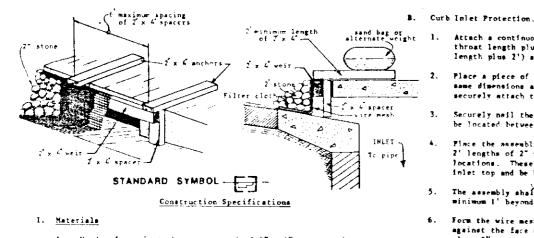
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a

manner as to prevent water from entering the inlet under or

This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

Assure that storm flow does not bypass inlet by installing

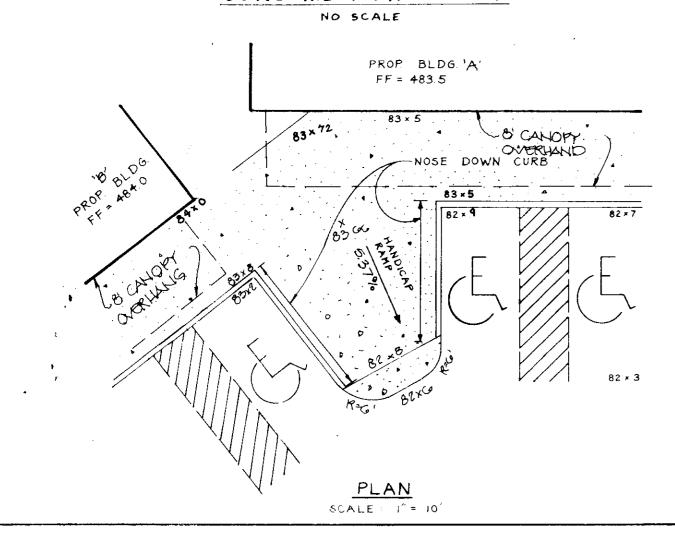
temporary earth or asphalt dikes directing flow into inl

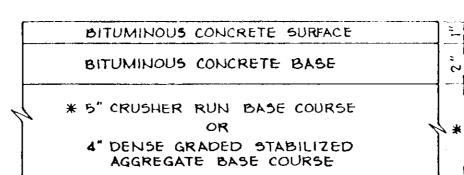


A. Wooden frame is to be constructed of $2^{\rm m} \propto 4^{\rm m}$ construction grade

B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it. C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, EOS, 40-85, to allow sufficient passage of water and removal of aediment.

4. Stone is to be 2" in size and clean, since fines would clog the CURB INLET PROTECTION





(ALTERNATE)

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE

HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)

5"PAVING, P-1

PARKING BAYS ONLY

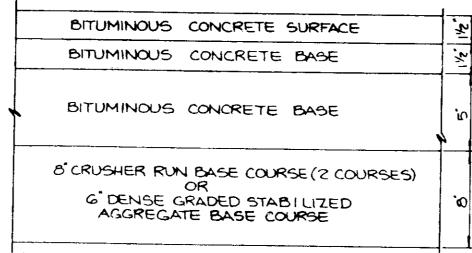
BITUMINOUS CONCRETE SURFACE	ŗ
BITUMINOUS CONCRETE BASE	2.5"
* 8"CRUSHER RUN BASE COURSE (2 COURSES) OR G"DENSE GRADED STABILIZED AGGREGATE BASE COURSE	
 (ALTERNATE)	

BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE

HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)

64"PAVING, P-2

TRAVELWAYS

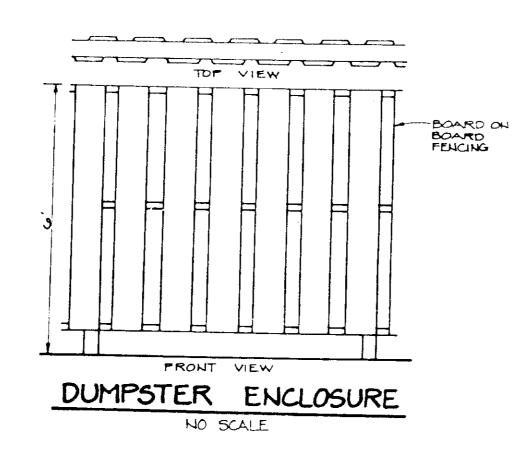


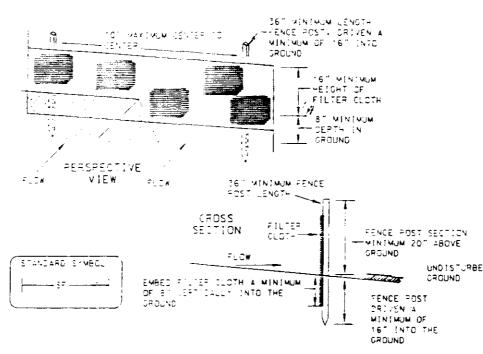
(ALTERNATE)

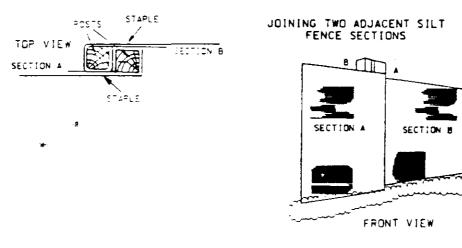
BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE BITUMINOUS CONCRETE BASE

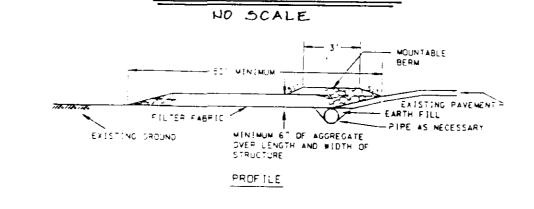
11" PAVING, P-5

TEN OAKS ROAD WIDEHING

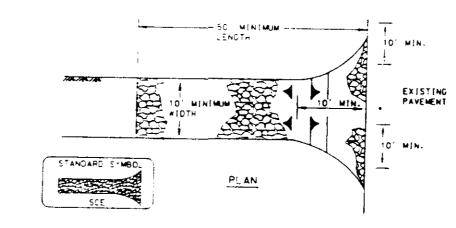








SILT FENCE



STABILIZED CONSTRUCTION ENTRANCE NO SCALE



HANDICAP SIGN DETAIL



STANDARD SEDIMENT CONTROL NOTES

- 1) A minimum of 48 hours notice must be given to the Howard County Department of Inspection, Licenses and Permits, Sediment Control Division prior to the start of any construction, (313-1850).
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL", revisions thereto.
- 3) Following initial soil disturbances 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.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Volume 1, Chapter 12, of the HOMARD COUNTY DESIGN MANUAL,
- 5) 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 seeding (Section 51), sod (Section 54), temporary seeding (Section 50) and mulching (Section 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do no 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.
- 7) Site Analysis:

Total Area of Site	2.2	_ Acres Acres
Area to be Roofed or Paved		1.3 Acres
Area to be Vegetatively Stabili	zed _	0.9 Acres
	3500	_ Cu. Yds.
Total Fill	3500	Cu. Yds.
Offsite Waste/Borrow Area Locat	ion _	N/A

- 8) 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 control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10) 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 inspections approvals may not be authorized until this initial approval by the inspection agency is made.
- 11) Trunches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.

PERMANENT SEEDBED PPEPARATION

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE FEARS SEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 1bs/1000 sc ft) AND 600 lbs PER ACRE 10-10-10 FERTILIZER (14 lbs/1000 sc ft) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 1bs/10000 sq ft)

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 10s/1000 sc ft) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 1bs/1000 sq ft) BEFCRE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEED WITH 60 LBS PER ACRE (1.4 lbs/1000 sq ft) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 lbs/1000 sq ft) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHCRED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 16s/1000 sq ft) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 gal/1000 sq ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDBED PREPARATION

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM

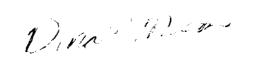
VEGETATIVE COVER IS NEEDED. SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE REANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 300 LBS PER ACRE 10-10-10 FERTILIZER (14 1bs/1000 sq.

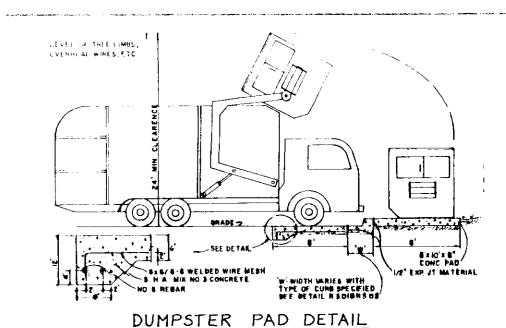
FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SCED WITH 2-1/2 EUSHELS PER ACRE OF ANNUAL RYE (3.2 1bs/1000 sg ft). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.C7 lbs/1000 sc ft). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TC 2 TONS PER ACRE (7G to 90 lbs/1000 sq ft) OF UNACTIED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 cal/1600 so ft) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, & FT. OR HIGHER, USE 348 GALLONS PER ACRE (8 gal/1000 sq ft) FOR ANCHORING

REFER TO THE 1963 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SECTIVENT CONTROL FOR RATE AND METHODS NOT COVERED.



AS-BUILT 10, CETTE



By the Developer:

"I/We cartify that all development and/or construction will by 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 Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction Men 1/3/95

I also authorize periodic on-site inspections by the Howard Soil Conservation District."

Signature of Deve	Ioper	Date
MARY AGNES LEWIS		

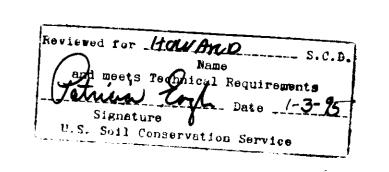
By the Engineer:

"I certify that this plan for pond 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 the developer that he/she must engage a registered professional engineer to supervise pend construction - Men 1/3/95

John Jan J.	10/14/44
Signature of Engineer JOHN M. ELORRIAGA, PE. No. 16891	Daté
JOHN M. ELORRIAGA, PE. No. 16891	

FOR SUIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. Harrist A.A.C.

EUR DEVELOPMENT PLAN IS APPROVED



DODOUGH, COD BRIVATE WATER AND SEWERACE SYSTEMS HOWARD COUNTY HEALTH DEPT.

JUNIT HEALTH DEFT.
1-17-95
DATE
//30/95

NGINEERING/M.K. OD 1 12145 APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH TO

	3-30-99	REMSE BUILDING 'B' LOCATION AND ADD CANOPY OVERHANGS
	DATE	REVISION
_		

T S A GROUP INC. planning · architecture · engineering · surveying 8480 Baltimore National Pike . Ellicott City, Maryland 21048 . (410) 465-6105

 Jan Jan Jan Jan Jan Jan Jan Jan Jan Jan
 John Marie M

1/27/95 DATE

2/3/55-DATE

ER / DEVELOPER	PROJECT CLARKSVILLE CENTER
	(RETAIL CENTER) F-87-57, F-94-123
MARY AGNES LEWIS GOOS TEN OAKS ROAD	LOCATION CLARKSVILLE MANOR LOT 2 PLAT NO. 725 TAX MAP 34 PARCEL NO. 398 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN

CLARKSVILLE, MARYLAND 21029

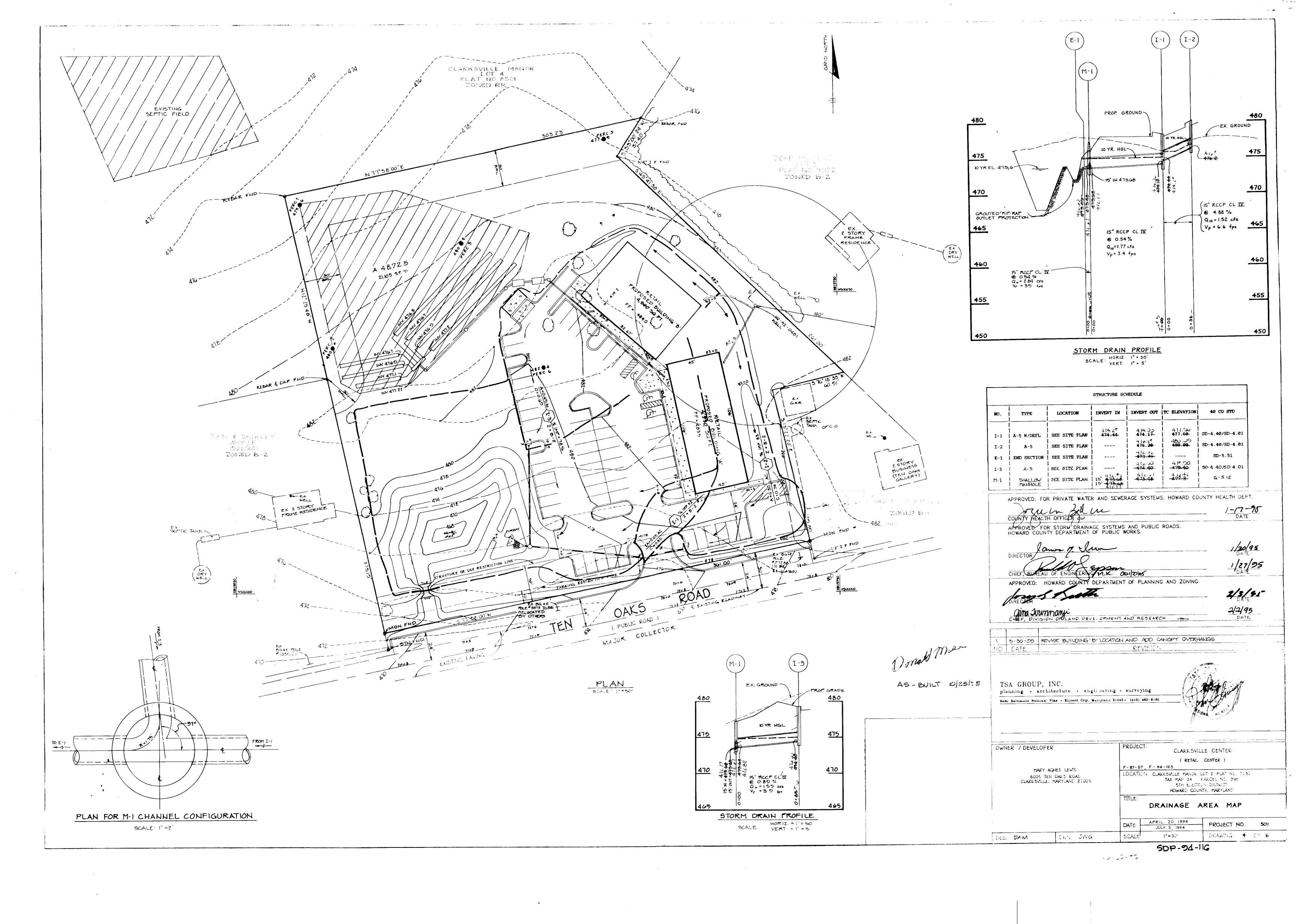
DRN. JWG

DES. DAM

DETAILS APRIL 20, 1994 PROJECT NO. 501 JULY 5, 1994

SDP-94-116

DRAWING 3 OF 6



Site Preparation

Areas designated for borrow areas, embankment, and structural works shall be cleared, arubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and sharp breaks shall be sloped to no

Areas to be covered by the reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface. For dry stormwater management ponds, a minimum of a 50 foot radius around the inlet structure shall be cleared.

All cleared and grubbed material shall be disposed of outside and below the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpilled in a suitable location for use on the embankment and other designated areas.

Material — The fill material shall be taken from approved designated borrow areas. It shall be free of roots, stumps, wood, rubbish, stones greater than 6", frozen or other objectionable materials. Fill material for the center of the embankment and cut off trench shall conform to Unified Soil Classification GC, SC, CH, or CL. Consideration may be given to the use of other materials in the embankment if design and construction are supervised by a geotechnical engineer.

Placement - Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in maximum 8 inch thick (before compaction) layers which are to be continuous over the entire length of the fill. The most permediale borrow material shall be placed in the downstream portions of the embankment. The principal spillway must be installed concurrently with fill placement and not excavated into the embankment.

Compaction — The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment or compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient moisture such that the required degree of compaction will be obtained with the equipment used. The fill material shall contain sufficient moisture so that if formed into a ball it will not crumble yet not be so wet that water can be squeezed out.

Where a minimum required density is specified, it shall not be less than 95% of maximum dry density with a moisture content within $\pm/-$ 2% of the optimum. Each layer of fill shall be compacted as necessary to obtain that density, and is to be certified by the Engineer at the time of construction. All compaction is to be determined by AASHTO Method T-99.

SOIL DESCRIPTION

Culor, Mulature, Dennity, Size, Proportion
SURFACE

Reddish brown, brown stiff to

very stiff silt with traces of

Bottom of Boring at 16.5

DRIVEN SPLIT SPOON UNLESS

CA-CONTINUOUS FLIGHT AUGER

OTHERWISE NOTED

RC-ROCK CORE

clay, trace to some fine sand

DEPTH SCALE CON BLOWS 6' NO. REC

4-5-9

6-8-9

3-3-6

4-5-7

AT COMPLETION Dry FT

SAMPLE CONDITIONS GROUND WATER DEPTH D-DISINTEGRATED AT COMPLETION Dry

STANDARD PENETRATION TEST-DRIVEING 2" OD SAMPLER 1" WITH 140# HAMMER FALLING 30":COUNT MADE AT 6" INTERVALS

TEST-3

No water encountered

BORING METHOD

HSA-HOLLOW STEM AUGERS

CFA-CONT FLIGHT AUGERS

5-7-8 2 16"

Cut Off Trench — The cutoff trench shall be excavated into impervious material along or parallel to the centerline of the embankment as shown on the plans. The bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being four feet. The depth shall be at least four feet below existing grade or as shown on the plans. The side slopes of the trench shall be 1 to 1 or flatter. The backfill shall be compacted with construction equipment, rollers, or hand tampers to assure maximum density and minimum permeability.

Structure Backfill

Backfill adjacent to pipes or structures shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other manually directed compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe, unless there is a compacted fill of 24" or greater over the structure or

All rock shall be dense, sound, and free from cracks, seams, and other defects conducive to accelerated weathering. The rock fragments shall be angular to subrounded in shape. The least dimension of an individual rock fragment shall be not less than one third the greatest dimension of the fragment.

The rock shall have the following properties:

- 1. Bulk specific gravity (saturated surface-dry basis) not less than 2.5.
- Absorption not more than three percent.
- when sodium sulfate is used. Bulk specific gravity and absorption shall be determined according to ASTM C 127. The test for soundness shall be performed according to ASTM C 88.

3. Soundness: Weight loss in five cycles not more than 20 percent

The riprap shall be placed to the required thickness in one operation. The rock shall be delivered and placed in a manner that will insure the riprap in place shall be reasonably homogeneous with the larger rocks uniformly distributed and firmly in contact one to another with the smaller rocks filling the voids between the larger rocks. Filter cloth shall be placed under all riprap and shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 919.12.

Care of Water during Construction

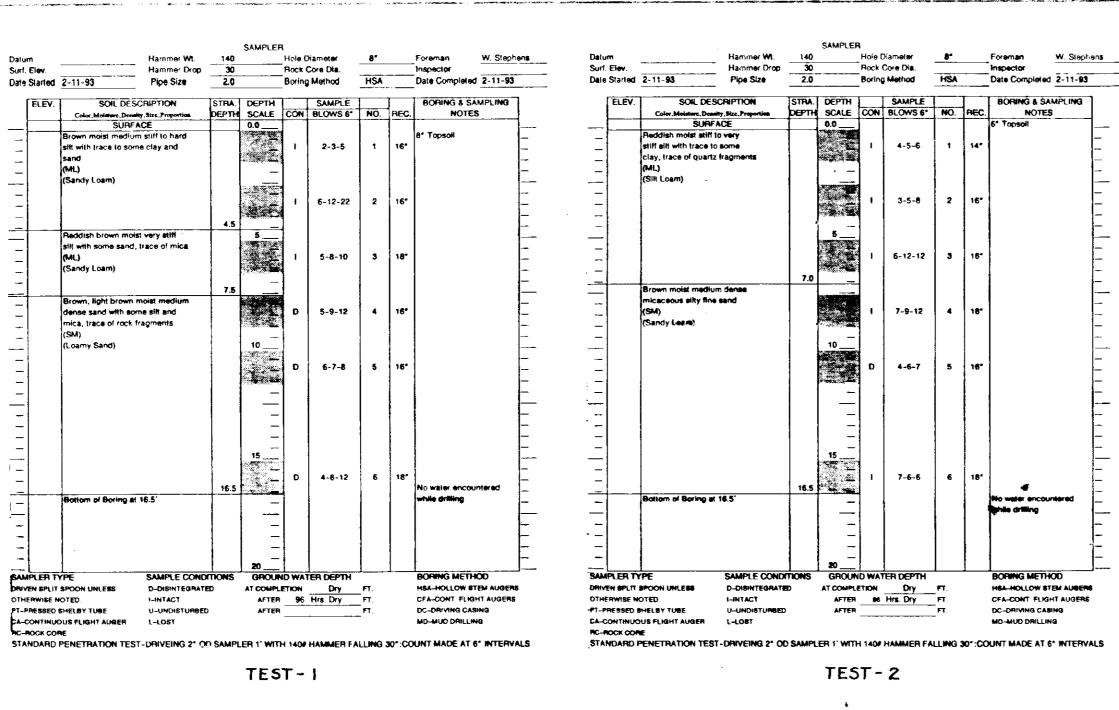
All work on permanent structures shall be carried out in areas free from water. The Contractor shall construct and maintain all temporary dikes, levees, cofferdams, drainage channels, and stream diversions necessary to protect the areas to be occupied by the permanent works. The contractor shall also furnish, install, operate, and maintain all necessary pumping and other equipment required for removal of water from the various parts of the work and for maintaining the excavations, foundation, and other parts of the work free from water as required or directed by the engineer for constructing each part of the work. After having served their purpose, all temporary protective works shall be removed or leveled and graded to the extent required to prevent obstruction in any degree whatsoever of the flow of water to the spillway or outlet works and so as not to interfere in any way with the operation or maintenance of the structure. Stream diversions shall be maintained until the full flow can be passed through the permanent works. The removal of water from the required excavation and the foundation shall be accomplished in a manner and to the extent that will maintain stability of the excavated slopes and bottom of required excavations and will allow satisfactory performance of all construction operations. During the placing and compacting of material in required excavations, the water level at the locations being refilled shall be maintained below the bottom of the excavation at such locations which may require draining the water to sumps from which the water shall be pumped.

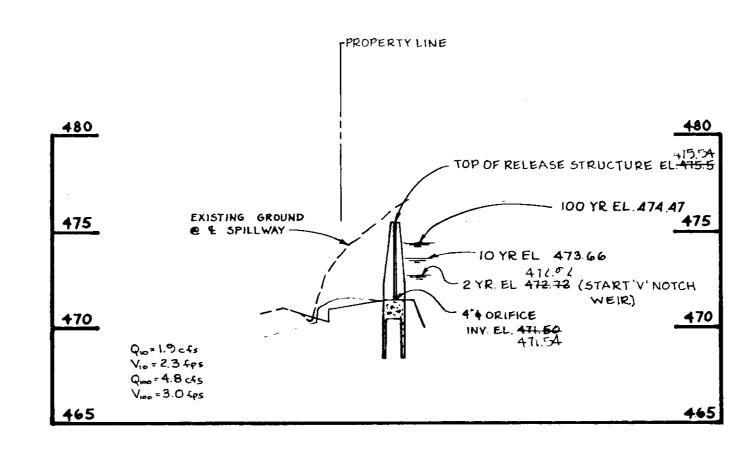
Stabilization

All borrow areas shall be graded to provide proper drainage and left in a sightly condition. All exposed surfaces of the embankment, spillway, spoil and borrow areas, and berms shall be stabilized by seeding, liming, fertilizing and mulching in accordance with the Maryland Soil Conservation Service Standards and Specifications for Critical Area Planting (MD-342) or as shown

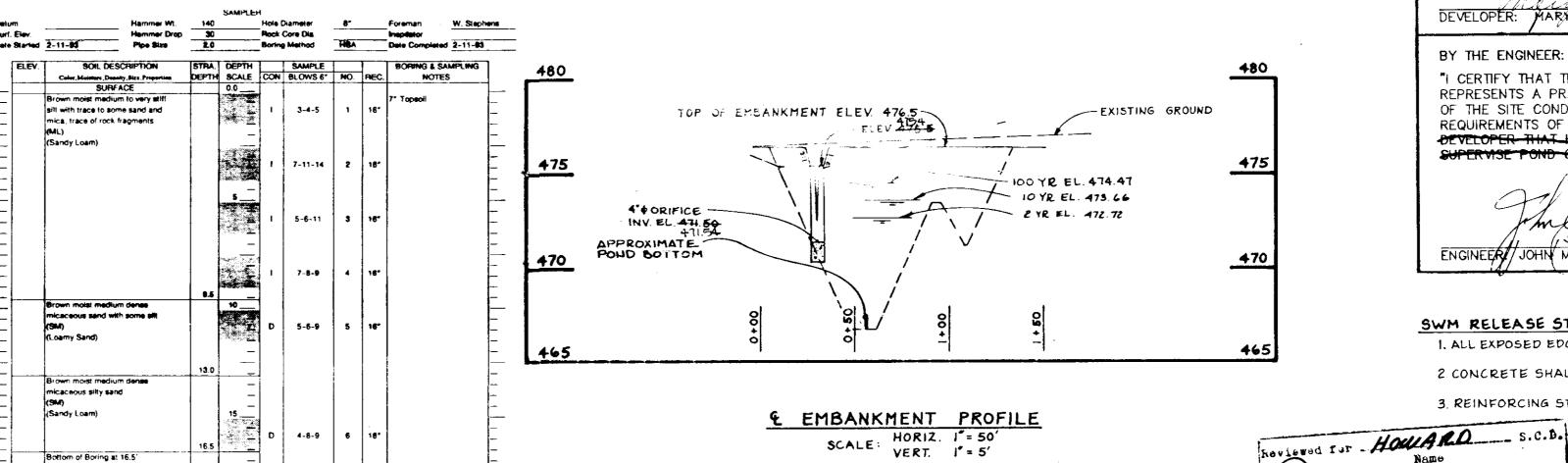
on the accompanying drawings. Erosian and Sediment Control

Construction operations will be carried out in such a manner that erosion will be controlled and water and air pollution minimized. State and local laws concerning pollution abatement will be followed. Construction plans shall detail erosion and sediment control measures to be employed during the construction process.



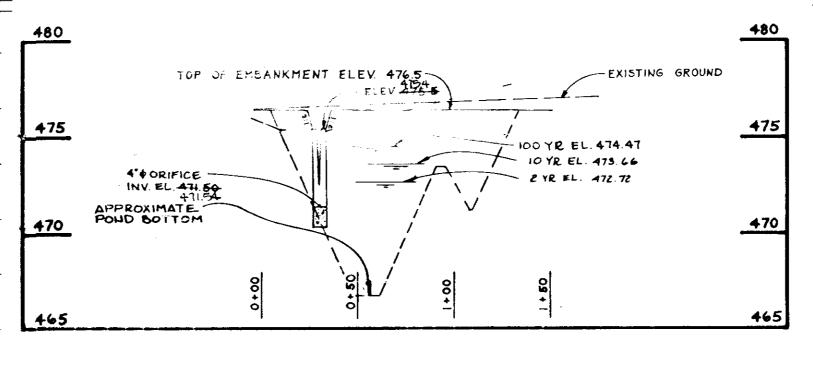


SECTION B-B ALONG & SPILLWAY SCALE: HORIZ. 1 = 50 VERT. 1 = 5'



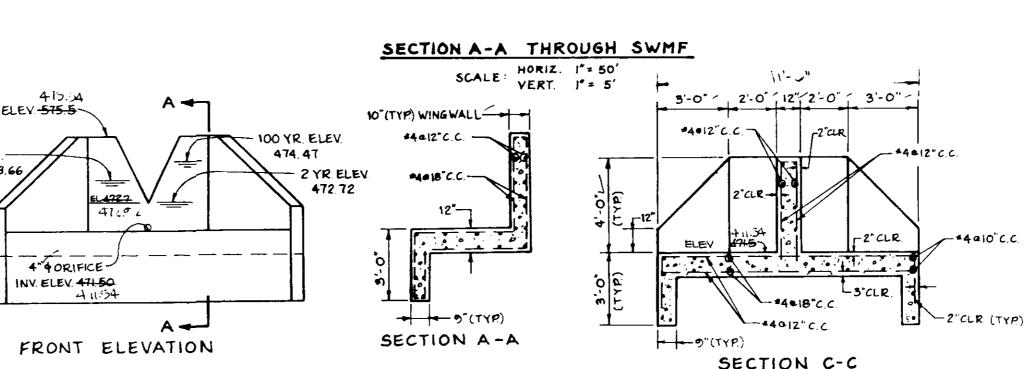
D 4-8-9 6 Bottom of Boring at 16.5" while drilling BORING METHOD SAMPLE CONDITIONS GROUND WATER DEPTH SAMPLER TYPE SRIVEN SPLIT SPOON UNLESS D-DISINTEGRATED AT COMPLETION Dry FT. HSA-HOLLOW STEM AUGERS OTHERWISE MOTED C!"A-CONT FLIGHT SUGERS PT-PRESSED SHELBY TUBE U-UNDISTURBED DC-DRIVING CASING CONTINUOUS FLIGHT AUGER L-LOST MO-MUD DRILLING STANDARD PENETRATION TEST-DRIVEING 2" OD SAMPLER 1" WITH 140# HAMMER FALLING 30" COUNT MADE AT 6" INTERVALS

TEST-4



& EMBANKMENT PROFILE SCALE: HORIZ. 1" = 50" VERT. 1" = 5" THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

485 -EXISTING GROUND 480 10 YR ELEV 475.66-475 470



STORMWATER MANAGEMENT RELEASE STRUCTURE DETAILS

SCALE: 14" = 1'-0"

TSA GROUP, INC. planning · architecture · engineering · surveying 8480 Baltimore National Pike . Klilcott City, Maryland 21043 . (410-465-6105) OWNER/DEVELOPER: -44010"C.C.

DES: DAM

Signature

U.S. Soil

"I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. + SHALL ENGAGE A REGISTERED PROFESSIONAL ENCINEER TO SUPERVISE POND CONSTRUCTION WOL 1/3/75 AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT." Mayor Cared Fitte DEVELOPER: MARY AGNES LEWIS BY THE ENGINEER: TION: EROSION AND SEDIMENT CONTROL "I CERTIFY THAT THIS PLAN FOR POND-CON 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. HAVE NOTIFIED SWM RELEASE STRUCTURE NOTES: 1. ALL EXPOSED EDGES TO HAVE 3/4" x 3/4" CHAMFERS OR AS DIRECTED.

-#4@12" C/C (TYP)

2"CLR

SECTION B-B

SWM RELEASE STRUCTURE

SCALE: 14"=1'-0"

-#4@18"c/C(TYP)

PLAN - STORMWATER MANAGEMENT (SWM)

BY THE DEVELOPER:

RELEASE STRUCTURE

SCALE: 14" = 1'-0"

#4@12" C.C.

AS-BUILT 10-25-95

APPROVED: FOR PRIVATE WATER AND SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPT. COUNTY HEADTH OFFICER (W) 1-17-95 DATE APPROVED: FOR STORM DRAINAGE AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. 1/30/95 DEPARTMENT OF PLANNING AND ZONING AND DEVELOPMENT AND RESEARCH ----NO DATE

2 CONCRETE SHALL BE SHA MIX NO. 3 (fc = 3500 psi @ 28 DAYS).

3. REINFORCING STEEL SHALL BE ASTM A-GIS GRADE GO.

CLARKSVILLE CENTER (RETAIL CENTER) F-87-57, F-94-123 LOCATION: CLARKSVILLE MANOR LOT 2 PLAT NO.7252 MARY AGNES LEWIS TAX MAP 34 PARCEL 398 6005 TEN OAK5 ROAD 5TH ELECTION DISTRICT CLARKSVILLE, MARYLAND 21029 HOWARD COUNTY, MARYLAND STORMWATER MANAGEMENT NOTES AND DETAILS APRIL 20, 1994 JULY 5, 1994 PROJECT NO. 0501 SCALE: AS SHOWN DRAWING <u>5</u> OF <u>6</u> DRN:

50P-24-11G

480 (0.0. 48300) 482 50 48194 (C.O.) PROPOSED GRADE. 475 2 YR ELEV. 472.72-EXIST GROUND 470 480 465 4.365% 1.502% 4 30 2% ELEV 575.5~ -4"5 @ E% 470 4.26 5% 10 YR.-468.0 ELEY. 473.66 / (CAP END) 465 460

PROFILE @ & 4" SAUITARY BCALE: H: 1":50"

