

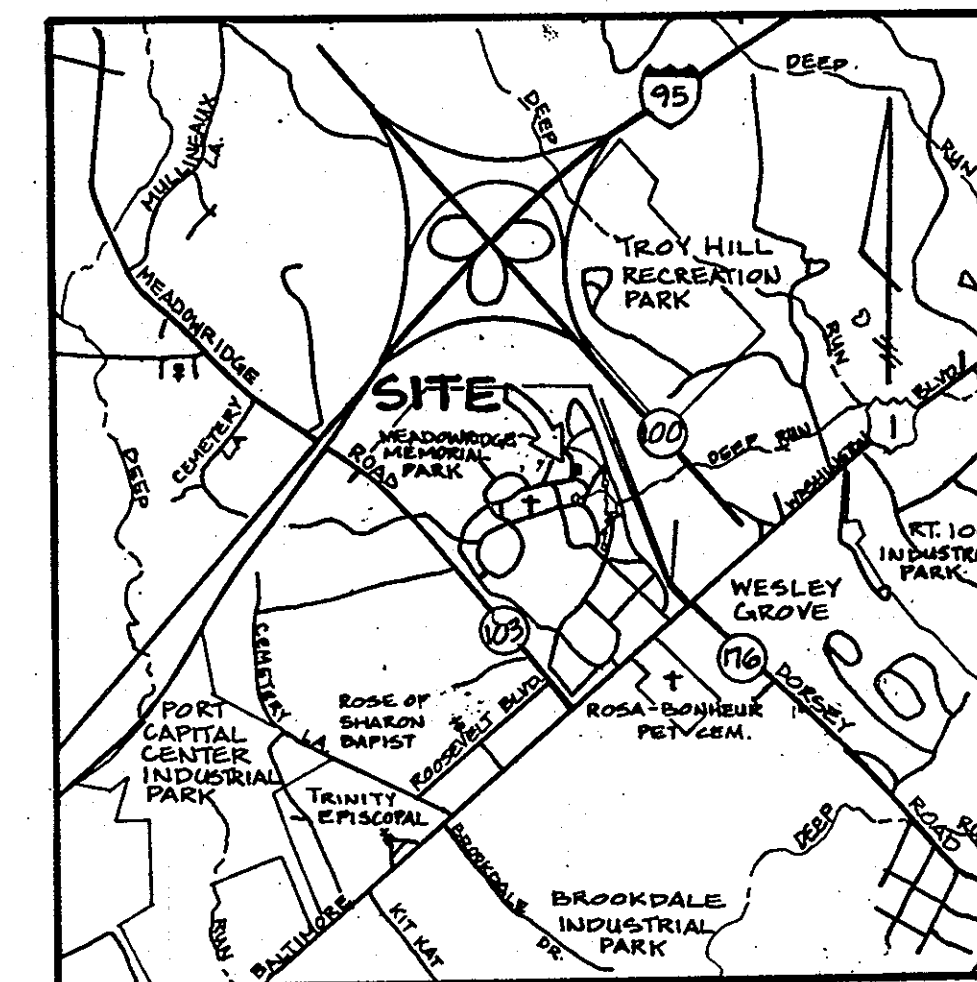
SERVICE CORPORATION INTERNATIONAL  
9823 WILLOW CREEK ROAD  
SAN DIEGO, CALIFORNIA  
92112

# MEADOWRIDGE MAUSOLEUM

## Baltimore, Maryland

### SITE DEVELOPMENT PLAN

INDEX TO DRAWINGS	
NO.	TITLE
1	COVER SHEET PLAN
2	1" = 200' ZONING/LOCATION
3	1" = 40' SITE DEVELOPMENT PLAN
4	1" = 40' GRADING SEDIMENT & EROSION CONTROL PLAN
5	DETAILS



VICINITY MAP  
SCALE: 1" = 2000'

Reviewed for HOWARD S.O.D.  
Name  
and meets Technical Requirements  
Signature John M. Helms Date 5/14/91  
U.S. Soil Conservation Service

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
Joyce M. Bond 6/3/91  
COUNTY HEALTH OFFICER DATE

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED: Bill W. Hill 5/14/91  
HOWARD SCS DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.  
James R. Hutto 6/12/91  
PLANNING DIRECTOR DATE  
Mark J. McCarty 6/12/91  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
James R. Hutto 5/23/91  
DIRECTOR DATE  
Robert J. Riden 5-22-91  
CHIEF, BUREAU OF ENGINEERING DATE

DATE	NO.	REVISIONS

OWNER/DEVELOPER:  
MEADOWRIDGE MEMORIAL PARK, INC.  
7250 WASHINGTON BLVD.  
BALTIMORE, MARYLAND 21227  
(301) 794-0423

PROJECT: MEADOWRIDGE MEMORIAL PARK, INC.  
PROPOSED MAUSOLEUM  
T.M. 37 BLK. 22/23 P. 179 D.R. 151/32  
CENSUS TRACT 6012 SEWER CODE 2153000 WATER CODE 802  
1ST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: COVER PLAN  
Prepared By  
**RLS DESIGN GROUP**  
planning · site development · expediting  
9 grain highway n.e. glen burnie, md. 21061  
760-1766

1/1/90  
DATE  
  
REVISIONS 5/19/90  
DESIGNED BY: T.E.C.  
DRAWN BY: R.J.PETTIS  
PROJECT NO. 80-89  
DATE: JUNE, 1990  
SCALE: AS SHOWN  
SHEET NO. 1 OF 5

**Site Analysis**

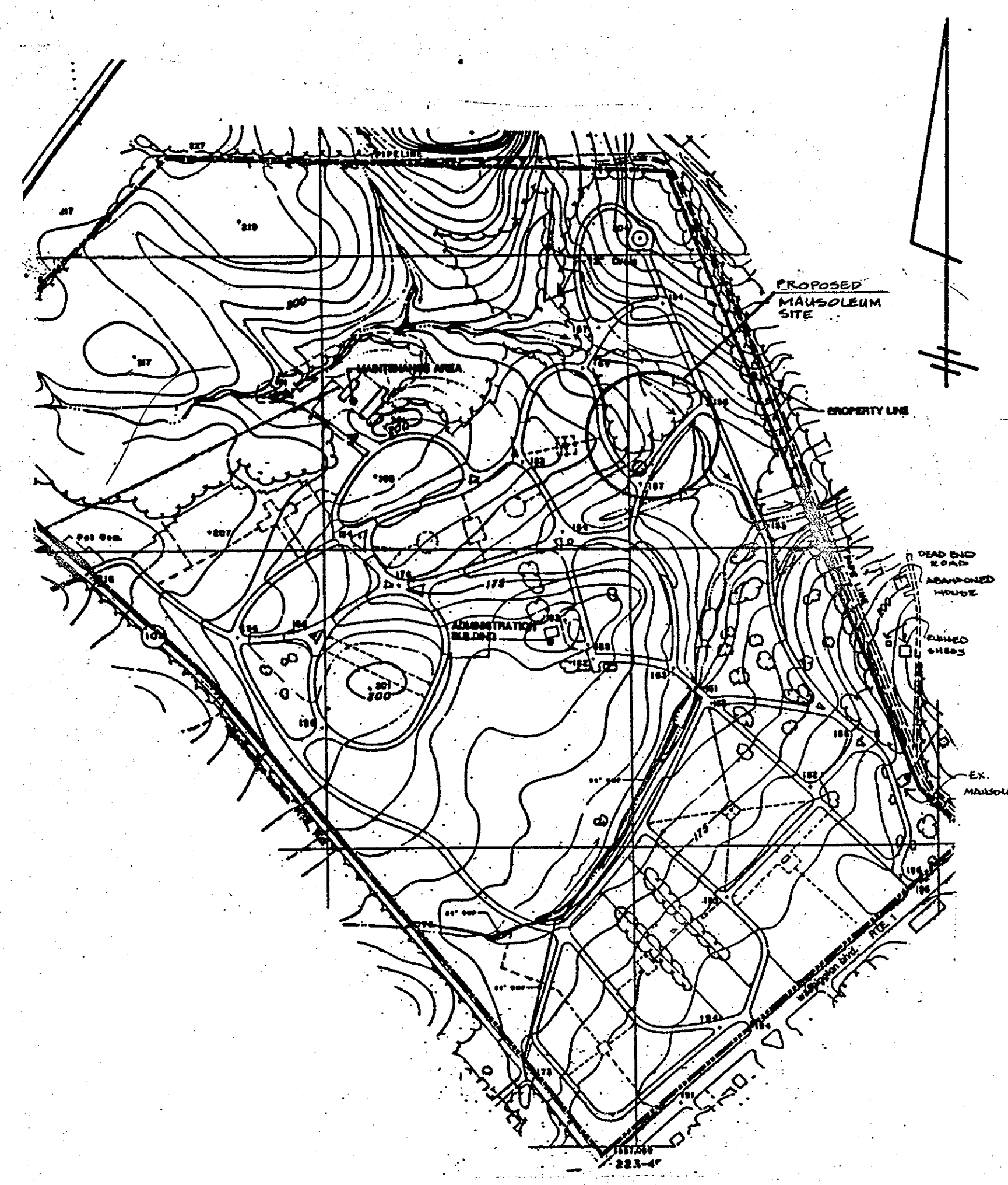
TOTAL SITE AREA	140 Acres
TOTAL AREA OF THIS SUBMITTAL	1.3 Acres 56,628 s.f.
PROPOSED USE	Mausoleum Building
EXISTING ZONING	M-1
PROPOSED ZONING	SAME
	BA-90-40E, SPECIAL EXCEPTION GRANTED 12-4-90
WATER	EXISTING PUBLIC
SEWER	EXISTING PUBLIC
SOILS	SEE GRADING PLAN
DEED REFERENCE	151/32
FLOOR AREA	3,000 S.F.
PROPOSED BUILDING COVERAGE	9.6% 5,670 s.f.
BUILDING SIZE	42' x 135'
HEIGHT	21'-11"
PARKING REQUIRED	5 VISITORS PER DAY
PARKING ALONG INTERIOR DRIVES IS INDUSTRY STANDARD.	
PARKING PROVIDED	5 SPACES
OPEN SPACE REQUIRED	20%
OPEN SPACE PROVIDED	90.4 x 50,958 s.f.

FLOODPLAIN  
FLOODPLAIN ELEVATIONS SHOWN ARE FOR ULTIMATE DEVELOPED CONDITIONS BASED ON 1976 STUDY FOR HOWARD CO. DONE BY GREENHORNE AND O'MARA. ALL CONSTRUCTION IS TO BE KEPT 5' ABOVE PLATTED FLOODPLAIN ELEVATIONS.

WETLANDS  
NON-TIDAL WETLANDS BASED ON REPORT BY RLS DESIGN GROUP, 1989.

**PREVIOUS ACTIVITY**

FILE NO. & REFERENCE	DATE	APPROVED/DENIED
VP-78-65	3-23-78	
BA 86-25E SPECIAL EXCEPTION TO BUILD MAUSOLEUM IN M-1 DISTRICT	10/29/86	A
WP 88-32	8-21-87	
WP 90-31 WAIVER TO 16.143 SITE PLAN DENIED	2/12/90	D
BA 90-40E, SE, SPECIAL EXCEPTION TO BUILD MAUSOLEUM IN M1 DIST. GRANTED 12-4-90		A
SDP 91-05 MAUSOLEUM ADDITION	7-03-90	



DRAINAGE AREA MAP  
SCALE: 1" = 400'

TO THE BEST OF MY KNOWLEDGE THE ITEMS SHOWN ON THIS PLAN, AS MARKED IN RED, WERE CONSTRUCTED AS SHOWN ON THESE "AS-BUILT" PLANS

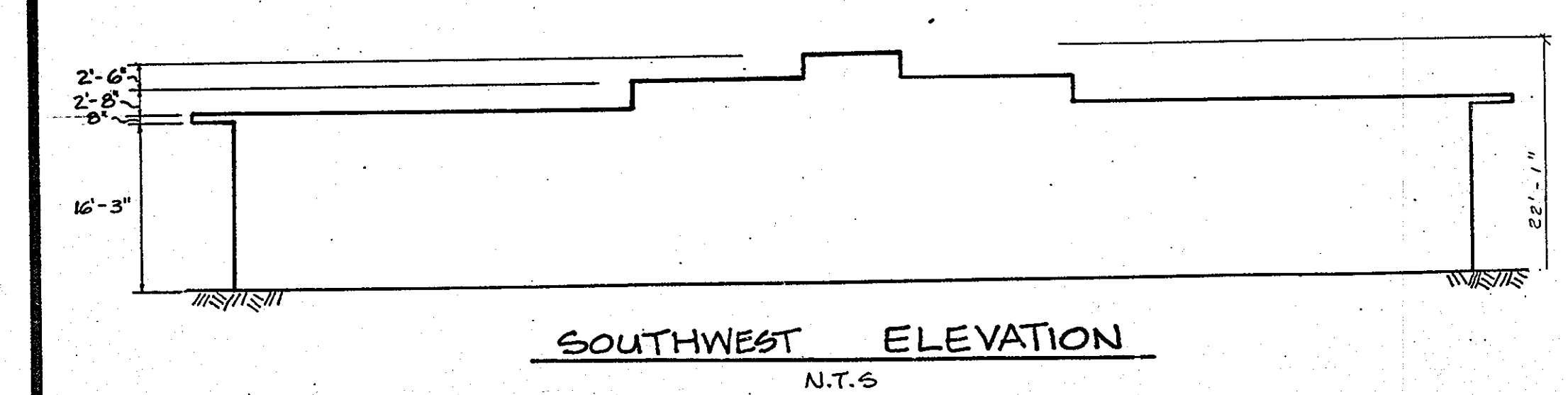
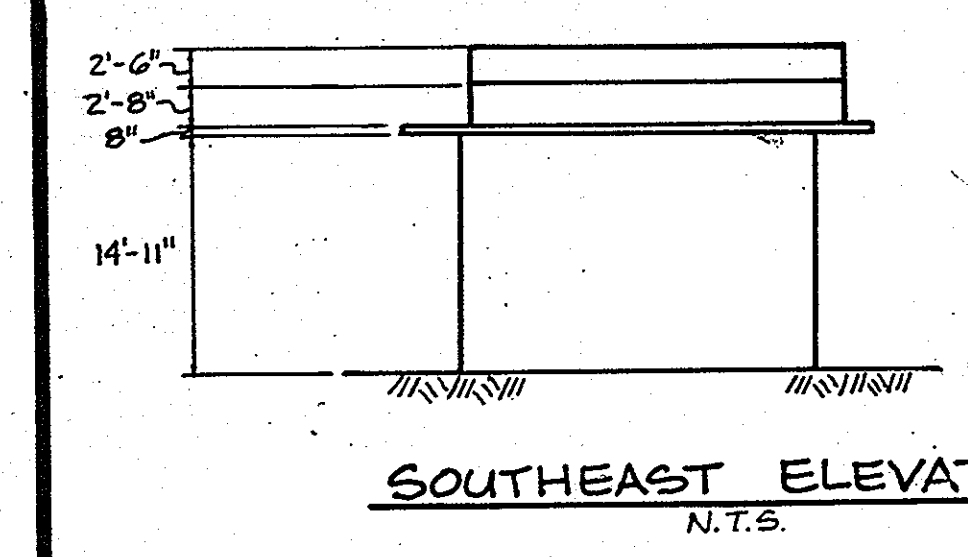
PE #10959  
DATE: \_\_\_\_\_  
SURVEY BY PURDUM AND JESCHKE  
7-21-92

PERMIT INFORMATION BLOCK SDP 91-05

SUBDIVISION NAME	MEADOWRIDGE MEMORIAL PARK	SECT./AREA	179	PARCEL #	179
L/F	191/32	BLOCK #	22/23	ZONE	M-1
TAX/ZONE MAP	37	ELEC. DIST.	1ST	CENSUS TR.	6012
WATER CODE	802	SEWER CODE	2153000		

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PARCEL 179	7250 WASHINGTON BLVD. (U.S. ROUTE 1)



I-95

ZONE M-1

STATE OF MARYLAND

L.325 F.160

HARRY J. PEYTON

L. 473 F. 441

ZONE M-1

N53°43'13"W 152.45

N50°02'43"W 84.48

N40°44'49"W 292.79

N 40° 33' 35" W 88.14

N40°33'35"W 528.00

MEADOWRIDGE INDUSTRIAL PARTNERSHIP L. 1419 F. 500

MEADOWRIDGE AVENUE

MEADOWRIDGE (UNRECORDED)

WASHINGTON MANOR PARK (MEADOWRIDGE INDUSTRIAL) PARK

ZONE M-2

ROSA-BONHEUR PET CEMETARY

PROPOSED MAUSOLEUM 135' X 42' ± @ 22'-1" HIGH

MILTON BAUGHER, JR. L. 495 F. 297

MILTON BAUGHER, JR. L. 244 F. 94

MILTON BAUGHER, SR. L. 495 F. 297

ADMINISTRATION BUILDING

STATE ROAD COMMISSION OF MD

EXISTING MAUSOLEUM

DORSEY RD. RTE. 176

WASHINGTON BOULEVARD RTE. 1

MD. RTE. 100

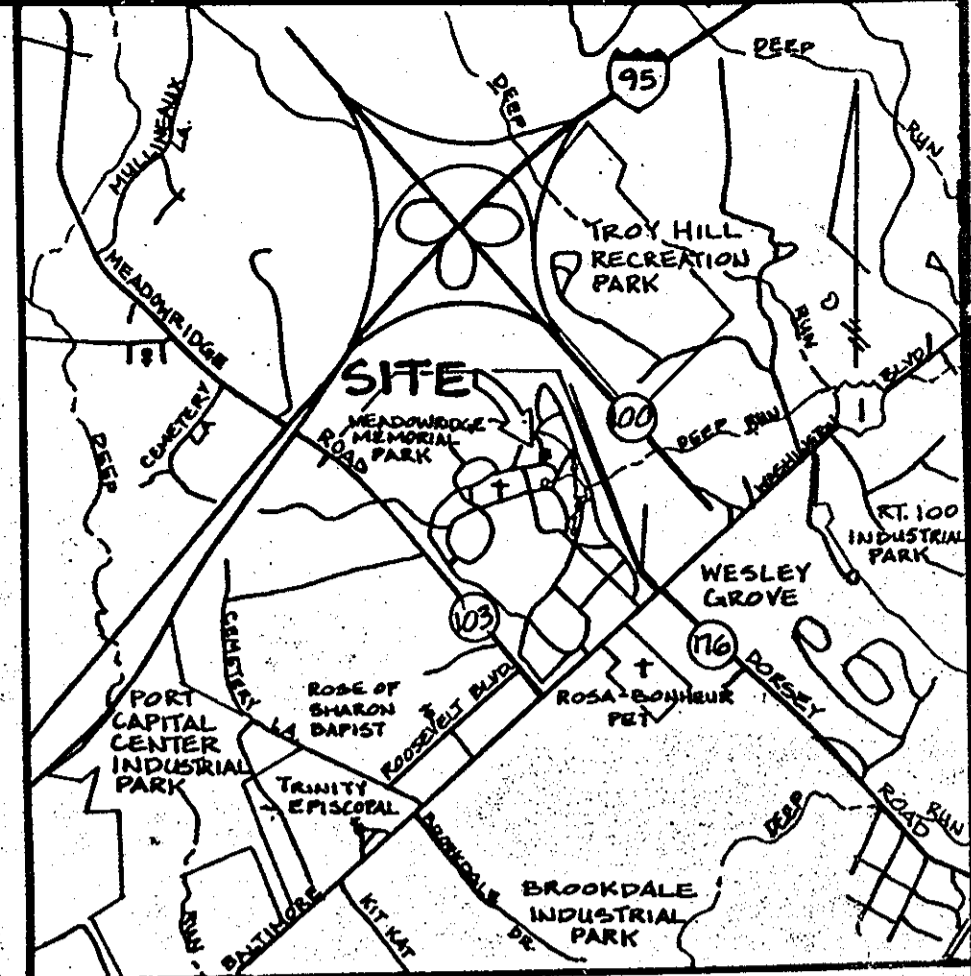
S.09°07'14"E 1609.41

N42°19'50"E 120.00

153.72

153.72

SCALE: 1" = 200'



VICINITY MAP SCALE: 1" = 2000'

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements Jane M. Zaleski Date 5/11/91 Signature U.S. Soil Conservation Service

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

Jayne M. Bond Date 6/3/91 COUNTY HEALTH OFFICER DATE

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

APPROVED: [Signature] Date 5/11/91 HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

Jessie R. [Signature] Date 6/12/91 PLANNING DIRECTOR DATE

[Signature] Date 6/12/91 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] Date 5/23/91 DIRECTOR DATE

[Signature] Date 5-22-91 CHIEF, BUREAU OF ENGINEERING DATE

DATE NO. REVISIONS

OWNER/DEVELOPER: MEADOWRIDGE MEMORIAL PARK, INC. 7250 WASHINGTON BLVD. BALTIMORE, MARYLAND 21227 (301) 726-0463

PROJECT: MEADOWRIDGE MEMORIAL PARK, INC. PROPOSED MAUSOLEUM T.M. 37 BLK 22/23 E179 D.R.151/32 CENSUS TRACT 0012 SEWER CODE 03006 WATER CODE 002 1 ELECTION DISTRICT HOWARD COUNTY, MARYLAND

TITLE: ZONING LOCATION MAP

Prepared By RLS DESIGN GROUP planning · site development · expediting 9 crain highway n.e. glen burnie, md. 21061 760-1766

7/7/90 DATE DESIGNED BY: TEC DRAWN BY: R.J. PETTIS PROJECT NO. 38-89 DATE: JUNE, 1990 SCALE: AS SHOWN SHEET NO. 2 OF 5

TADE L. GERISCHER NO.16814

AS-BUILTS 7-28-1992 SDP-91-05

NOTES:

- 1. Boundary as shown from Plat of Survey by Doender Associates January 1985. Total Area: 151.4797 Acres. Area on East Side of Meadowridge Road: 143.8169 Acres. Area on west side not shown.
2. Improvements as shown from Howard County 200 scale topography.
3. Zone: M-1
4. Owner: Meadowridge Memorial Park - Inc. 7250 Washington Boulevard Baltimore, Maryland 301-796-1144
5. Applicant: Service Corporation International 7250 Washington Boulevard Baltimore, Maryland
6. Planning & Zoning File Nos. SDP 91-05 BA- 90-40E, SE GRANTED 12-4-90 Previous Special Exception BA 86-25E

Table with 2 columns: Description and Value. Includes TOTAL SITE AREA (140 AC.), TOTAL AREA OF THIS SUBMITTAL (1.3 AC.), EXISTING ZONING (M-1), PROPOSED ZONING (BA-90-40E), WATER, SEWER, SOILS, DEED REFERENCE, FLOOD AREA, PROPOSED BUILDING COVERAGE, BUILDING SIZE, HEIGHT, PARKING REQUIRED, OPEN SPACE REQUIRED.

- GENERAL NOTES
1. SEDIMENT AND EROSION CONTROL DEVICES MUST BE INSPECTED AND MAINTAINED REGULARLY TO INSURE THAT THE INTENDED PURPOSE IS ACCOMPLISHED.
  2. WHERE SOODING IS REQUIRED, USE #31 OR BETTER. ALL SLOPES 3:1 AND ALL AREAS DESIGNATED ON THE PLAN SHALL BE SOODED.
  3. ALL DISTURBED AREAS ARE TO BE PROTECTED DURING ALL PHASES OF DEVELOPMENT.
  4. ALL DISTURBED AREAS WHICH ARE NOT PAVED WILL BE SEEDED OR SOODED.
  5. ALL ROOF DRAINS WILL DISCHARGE ONTO SPLASHBLOCKS. RUNOFF FROM ROOF DRAINS SHALL NOT DISCHARGE DIRECTLY INTO ANY FILL SLOPES.
  6. ALL SOIL WILL BE REMOVED TO AN APPROVED SITE. SPOIL FROM EXCAVATION WILL BE REMOVED DAILY. CLEAN RUNOFF WATER WILL BE DIVERTED AROUND ANY TEMPORARY STOCKPILE AREAS.
  7. BOUNDARY AND TOPO BASED ON THE SURVEY BY JOHN H. MCGOVERN, F.S. 10-1-89.

SITE ANALYSIS:

TOTAL SITE AREA 140 AC.  
 TOTAL AREA OF THIS SUBMITTAL 1.3 AC. 566,280 sq ft  
 PROPOSED USE MAUSOLEUM BLDG.  
 EXISTING ZONING M-1  
 PROPOSED ZONING SAME  
 8A-90-406, SPECIAL EXCEPTION GRANTED: 12/4/90

WATER EXISTING PUBLIC  
 SEWER EXISTING PUBLIC  
 SOILS SEE GRADING PLAN  
 DEED REFERENCE

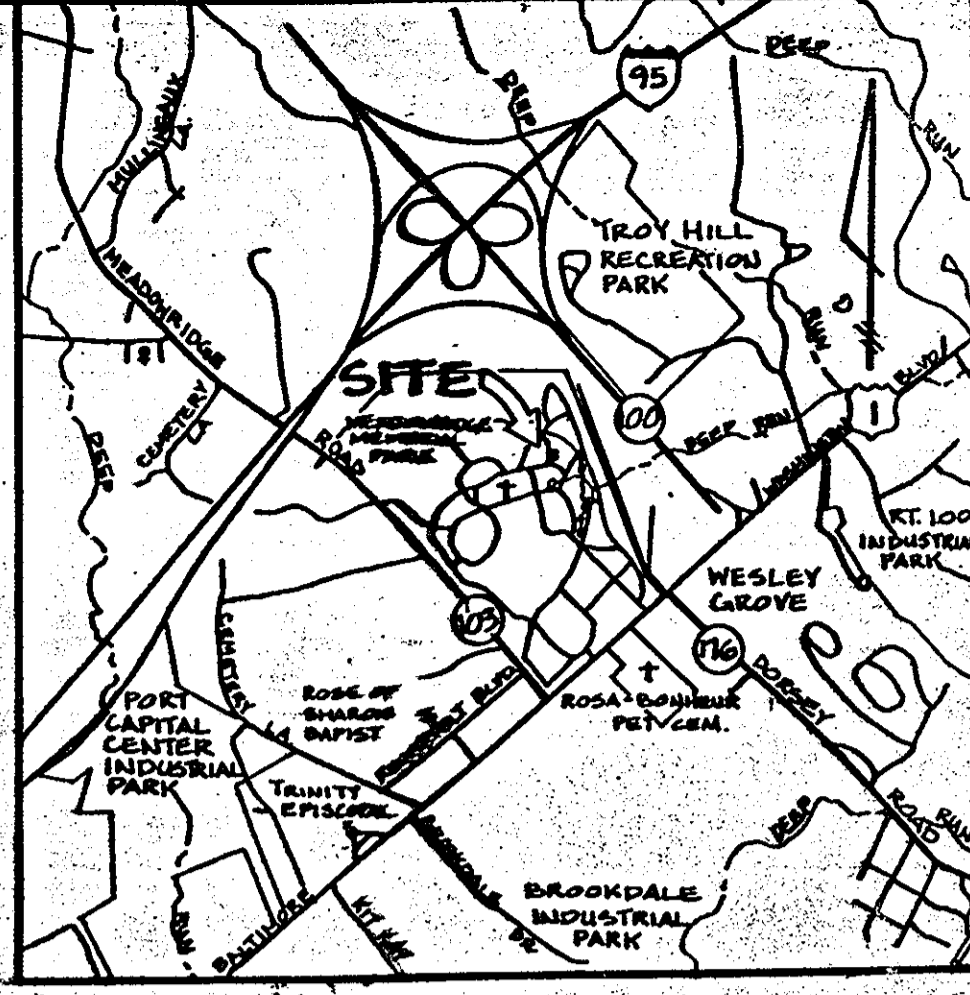
PROPOSED BUILDING COVERAGE 9.6% 4,670.0 sq ft  
 BUILDING SIZE 42' x 135'  
 HEIGHT 22'-1"

PARKING REQUIRED 5 VISITORS PER DAY  
 PARKING PROVIDED INTERIOR DRIVES IS INDUSTRY STANDARD

OPEN SPACE REQUIRED 20%  
 OPEN SPACE PROVIDED 50% 5,958.0 sq ft

FLOODPLAIN FLOODPLAIN ELEVATIONS SHOWN ARE FOR ULTIMATE DEVELOPED CONDITIONS BASED ON 1976 STUDY FOR HOWARD CO. DONE BY GREENHORNE AND O'MARA. ALL CONSTRUCTION IS TO BE KEPT 5' ABOVE FLATTED FLOODPLAIN ELEVATIONS.

WETLANDS NON-TIDAL WETLANDS BASED ON REPORT BY RLS DESIGN GROUP, 1989.



VICINITY MAP  
 SCALE: 1" = 2000'

Reviewed for HOWARD COUNTY  
 and meets Technical Requirements  
 Signature: [Signature] Date: 5/1/91  
 U.S. Soil Conservation Service

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

James M. Borden [Signature] 6/5/91  
 COUNTY HEALTH OFFICER DATE

THESE PLANS FOR SOIL-POUND-OBSERVATION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

APPROVED [Signature] 5/1/91  
 FORD J. B. DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

[Signature] 6/12/91  
 PLANNING DIRECTOR DATE

[Signature] 6/1/91  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James P. [Signature] 5/6/91  
 DIRECTOR DATE

[Signature] 5-22-91  
 CHIEF, BUREAU OF ENGINEERING DATE

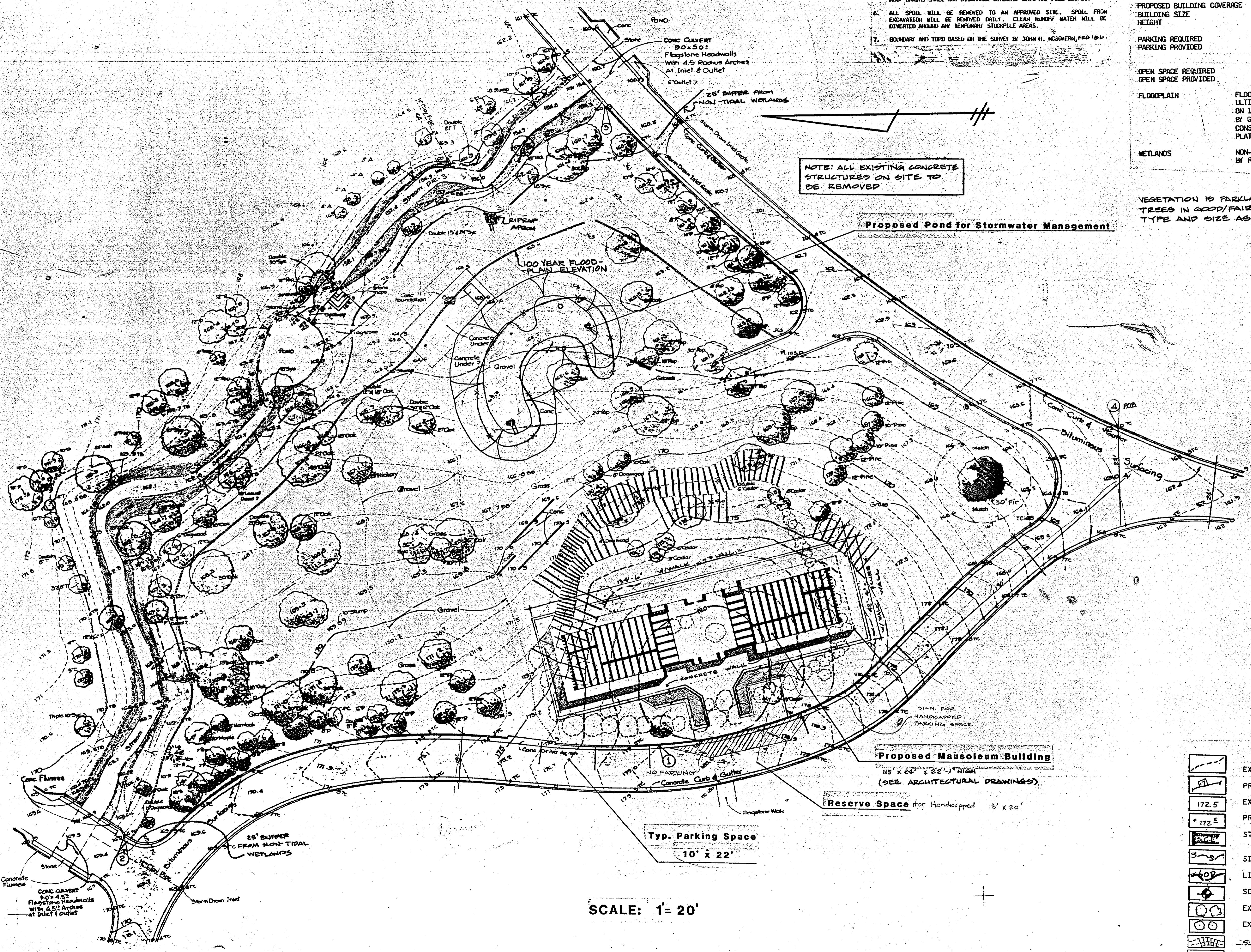
DATE	NO.	REVISIONS
OWNER/DEVELOPER:		
MEADOWRIDGE MEMORIAL PARK, INC. 7250 WASHINGTON BLVD. BALTIMORE, MARYLAND 21227 (301) 296-0463		
PROJECT: MEADOWRIDGE MEMORIAL PARK, INC. PROPOSED MAUSOLEUM		
AREA: T.M. 37 B.L. 22/23 P. 179 D.R. 151/32 CENSUS TRACT 0212 SEWER CODE 2152000 WATER CODE B-2		
ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
TITLE: Site Development Plan		

Prepared By  
**RLS DESIGN GROUP**  
 planning · site development · expediting  
 9 crown highway rte. glen burnie, md. 21061  
 750-1766

7/7/90 DATE

DESIGNED BY: TEC  
 DRAWN BY: R.J.PETTIS  
 PROJECT NO. 38-89  
 DATE: JUNE, 1990  
 SCALE: AS SHOWN  
 SHEET NO. 3 OF 5

STATE OF MARYLAND  
 PROFESSIONAL ENGINEER  
 TRADE L. GERSCHER NO. 16584



NOTE: ALL EXISTING CONCRETE STRUCTURES ON SITE TO BE REMOVED

Proposed Pond for Stormwater Management

Proposed Mausoleum Building

Reserve Space for Handicapped 13' x 20'

Typ. Parking Space 10' x 22'

SCALE: 1" = 20'

LEGEND

[Symbol]	EX. CONTOUR
[Symbol]	PROPOSED CONTOUR
[Symbol]	EX. SPOT ELEV.
[Symbol]	PROP. SPOT ELEV.
[Symbol]	STABILIZED CONSTRUCTION ENTRANCE
[Symbol]	SILT FENCE
[Symbol]	LIMIT OF DISTURBANCE
[Symbol]	SOIL BORING
[Symbol]	EX. TREES TO BE REMOVED
[Symbol]	EX. TREES TO REMAIN
[Symbol]	-SLOPES 15% TO 25%
[Symbol]	-SLOPES GREATER THAN 25%

SOIL CLASSIFICATIONS	
Co	Codorus Silt Loam
LeB2	Legore Silt Loam, 3 - 8% slopes, moderately eroded
LeC2	Legore Silt Loam, 8 - 15% slopes, moderately eroded
McE	Montalto & Relay Soils, 15 - 45% slopes

GRADING COMPS	
TOTAL SITE AREA	1.30 AC.
TOTAL DISTURBED AREA	27,400 sq.ft./0.63 AC.
AREA TO BE VEGETATIVELY STABILIZED	21,780 sq.ft./0.5 AC.
AREA TO BE STRUCTURALLY STABILIZED	5,620 sq.ft./0.13 AC.
CUT	220 C.Y.
FILL	897 C.Y.
BORROW	677 C.Y.

BENCHMARK INFO	
VERTICAL DATUM ESTABLISHED FROM USGS MONUMENT U-25 & USGS MONUMENT A-123	
① LAG BOLT IN CONC. CURB EXPANSION JOINT	ELEV. = 173.79
② CORNER TOP OF CONC. CURB	ELEV. = 169.01
③ TOP OF CONC. CURB @ BRIDGE	ELEV. = 160.69
④ LAG BOLT IN CONC. CURB EXPANSION JOINT	ELEV. = 162.99

- GENERAL NOTES
1. SEDIMENT AND EROSION CONTROL DEVICES MUST BE INSPECTED AND MAINTAINED REGULARLY TO INSURE THAT THE INTENDED PURPOSE IS ACCOMPLISHED.
  2. WHERE SOODING IS REQUIRED, USE K-31 OR BETTER. ALL SLOPES 3:1 AND ALL AREAS DESIGNATED ON THE PLAN SHALL BE SOODED.
  3. ALL DISTURBED AREAS ARE TO BE PROTECTED DURING ALL PHASES OF DEVELOPMENT.
  4. ALL DISTURBED AREAS WHICH ARE NOT PAVED WILL BE SEEDED OR SOODED.
  5. ALL ROOF DRAINS WILL DISCHARGE ONTO SPLASHBLOCKS. RUNOFF FROM ROOF DRAINS SHALL NOT DISCHARGE DIRECTLY ONTO ANY FILL SLOPES.
  6. ALL SPOIL WILL BE REMOVED TO AN APPROVED SITE. SPOIL FROM EXCAVATION WILL BE REMOVED DAILY. CLEAN RUNOFF WATER WILL BE DIVERTED AROUND ANY TEMPORARY STOCKPILE AREAS.
  7. BOUNDARY AND TOPO BASED ON THE SURVEY BY JOHN H. McGOVERN, FEB 1984.
  8. THIS SITE DOES NOT LIE WITHIN THE 100 YEAR HURRICANE FLOODPLAIN ELEVATION.

SITE ANALYSIS:	
TOTAL SITE AREA	140 AC.
TOTAL AREA OF THIS SUBMITTAL	1.3 AC. 96,628.00
PROPOSED USE	MAUSOLEUM BLDG.
EXISTING ZONING	M-1
PROPOSED ZONING	BA-90-40E, SPECIAL EXCEPTION GRANTED: 12-4-90
WATER SEWER	EXISTING PUBLIC
DEED REFERENCE	SEE GRADING PLAN
PROPOSED BUILDING COVERAGE	9.6%
BUILDING SIZE	42' x 135'
HEIGHT	22'-1"
PARKING REQUIRED	5 VISITORS PER DAY
PARKING PROVIDED	PARKING ALONG INTERIOR DRIVES IS INDUSTRY STANDARD
OPEN SPACE REQUIRED	20%
OPEN SPACE PROVIDED	90% 50,958.00

- SEQUENCE OF CONSTRUCTION
1. OBTAIN PROPER PERMITS.
  2. NOTIFY HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR - (992-2837) - 48 HOURS BEFORE CONSTRUCTION IS TO BEGIN.
  3. INSTALL STABILIZED CONSTRUCTION ENTRANCES AND PERIMETER SEDIMENT AND EROSION CONTROLS. NOTIFY HOWARD CO. DPW SEDIMENT CONTROL INSPECTOR IMMEDIATELY UPON COMPLETION OF ABOVE INSTALLATION.
  4. WITH PERMISSION OF HOWARD CO. DEPT. OF INSPECTIONS AND PERMITS, CLEAR WITHIN LIMITS OF DISTURBANCE, AND REMOVE EXISTING CONCRETE STRUCTURES. ROUGH GRADE POND. USE SPOIL FROM POND, AND ADDITIONAL BORROW AS REQUIRED TO FILL MAUSOLEUM SITE. 3 - 5 DAYS.
  5. TRENCH FOR AND INSTALL STORM DRAIN SYSTEM. TRENCH ONLY AMOUNT WHICH CAN BE BACKFILLED IN ONE WORKING DAY. PLACE SPOIL ON UPHILL SIDE OF TRENCH, AND SOO DISTURBED AREA IMMEDIATELY.
  6. BEGIN MAUSOLEUM CONSTRUCTION. 30 DAYS.
  7. FINISH FINE GRADING AND BUILDING CONSTRUCTION. STABILIZED FILL AROUND MAUSOLEUM WITH SOO, (OR CURLEX, IF SOO IS UNAVAILABLE). 2 - 3 DAYS.
  8. STABILIZE POND AREA WITH SEED. ONE DAY.
  9. WITH APPROVAL OF THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR, REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES. ONE DAY.

FLOODPLAIN ELEVATIONS SHOWN ARE FOR ULTIMATE DEVELOPED CONDITIONS BASED ON 1976 STUDY FOR HOWARD CO. DONE BY GREENHORNE AND O'MARA. ALL CONSTRUCTION IS TO BE KEPT 5' ABOVE PLATTED FLOODPLAIN ELEVATIONS.

NON-TIDAL WETLANDS BASED ON REPORT BY RLS DESIGN GROUP, 1988

Reviewed for: *Howard* S.C.D.A.

meets Technical Requirements  
*Howard* 5/14/91  
 Signature  
 U.S. Soil Conservation Service

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

*Joyce M. Bond* 6/3/91  
 COUNTY HEALTH OFFICER DATE

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

APPROVED: *Shelby L. St.* 5/14/91  
 HOWARD S.C.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

*James R. Smith* 6/12/91  
 PLANNING DIRECTOR DATE

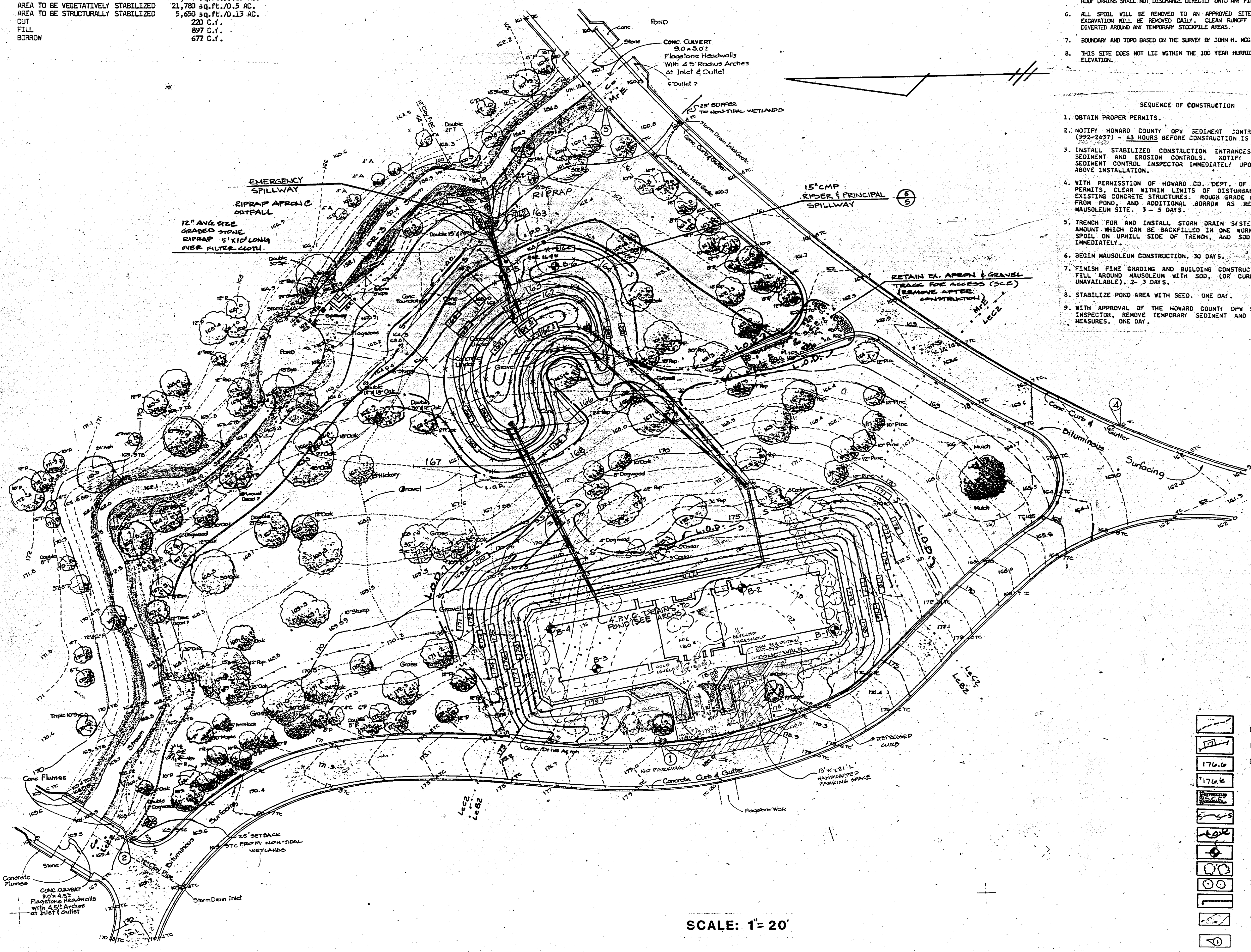
*James R. Smith* 6/12/91  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*James R. Smith* 5/23/91  
 DIRECTOR DATE

*James R. Smith* 5-22-91  
 CHIEF, BUREAU OF ENGINEERING DATE



SCALE: 1" = 20'

DATE	NO.	REVISIONS

OWNER/DEVELOPER:

MEADOWRIDGE MEMORIAL PARK, INC.  
 7250 WASHINGTON BLVD.  
 BALTIMORE, MARYLAND 21227  
 (301) 736-0463

PROJECT:

MEADOWRIDGE MEMORIAL PARK, INC.  
 PROPOSED MAUSOLEUM  
 T.M. 37 BLK. 22/23 P.T. 75 D.R. 151/32  
 CENSUS TRACT 40972 SEWER CODE 133000 WATER CODE 802  
 1 ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

TITLE:  
**Grading, Sediment & Erosion Control**

Prepared By  
**RLS DESIGN GROUP**  
 planning - site development - expediting  
 9 grain highway ne. glen burnie, md. 21061  
 760-1766

7/7/90 DATE

DESIGNED BY: TEL

DRAWN BY: R.J. PETTIS

PROJECT NO. 38-29

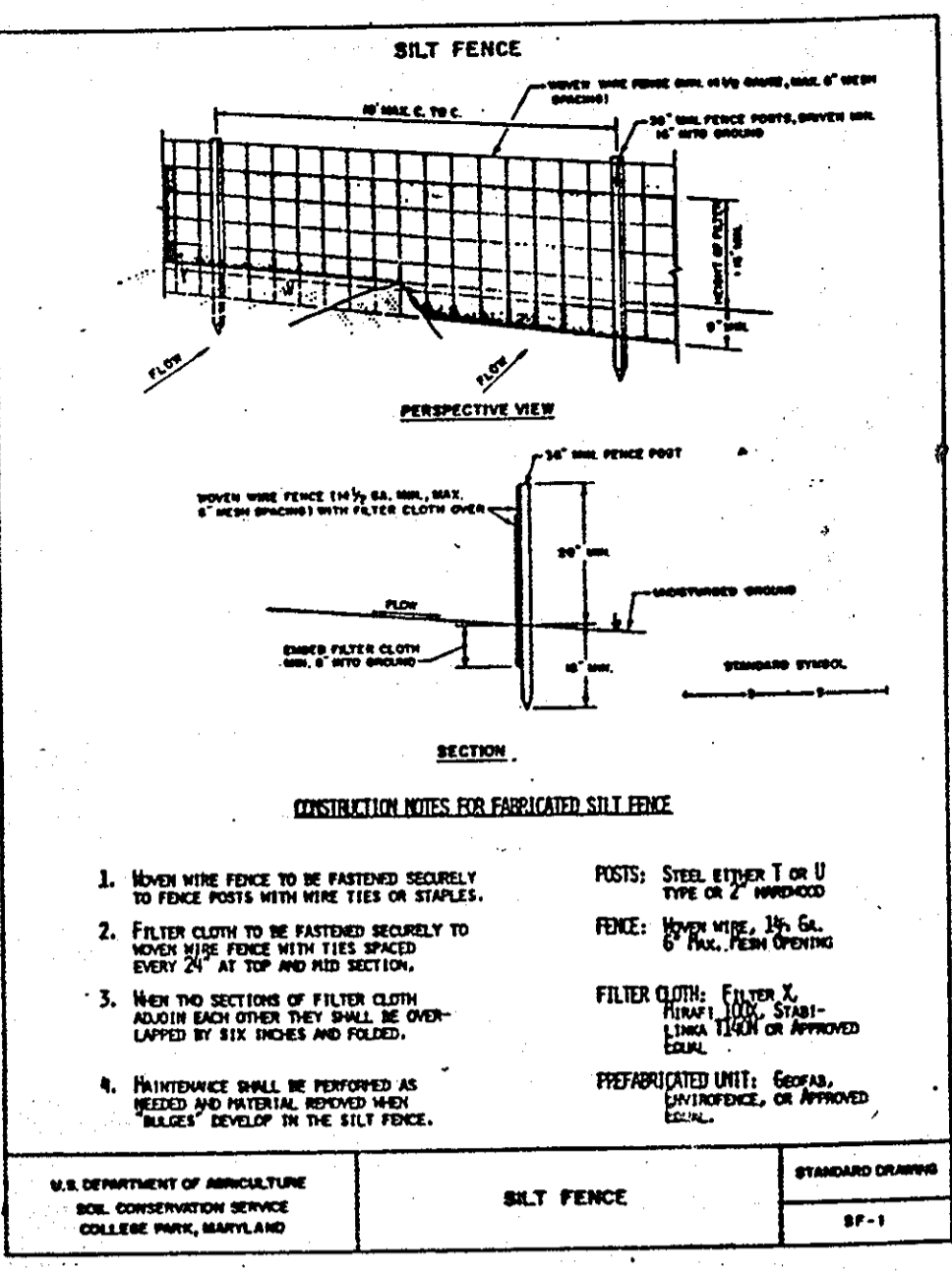
DATE: JUNE, 1990

SCALE: AS SHOWN

SHEET NO. 4 OF 5

TADE L. GERISCHER NO. 16814

AS-BUILTS 7-28-1992 SDP-91-05



**DETAILS AND SPECIFICATIONS FOR VEGETATIVE ESTABLISHMENT**

- Temporary perimeter dikes and silt traps, etc. are to be provided as per this plan until grading operations with location adjustments to be made in the field as necessary and to be maintained at the end of working day. The minimum area practical shall be determined for the minimum amount of time possible.
- Permanent Seeding:**
  - Seeding operation: Area to be seeded shall be loose and friable to a depth of at least 3". The top layer shall be loosened by raking, disking or other appropriate method before seeding. In case of soil test results, apply 100 pounds of dolomitic limestone and 25 pounds of 10-10-10 fertilizer per 1,000 square feet. Where no test results are available, apply the soil to a depth of at least 3" on slopes flatter than 2:1. No stones shall be present on slopes (only) on a silt trap surface smooth after disking.
  - Seeding: Apply 5-6 pounds per 1,000 square feet of Kentucky 31 tall fescue between February 1 and April 30 or between August 15 and October 31. Apply seed uniformly with a cyclone seeder drill, cat-tailhoe seeder or hydroseeder. (Lumpy includes seeds and fertilizer, broadcast on areas slopes only) on a silt trap surface. Maximum seed depth should be 1/4" in clayey soils and 1/2" in sandy soils when using other than the hydroseeder method. Irrigate if soil moisture is deficient to support accurate growth, until vegetation is firmly established.
  - Mulching: Mulch shall be uncombed, untreated, small grain straw applied at a rate of 70 to 90 pounds per 1,000 square feet. Mulch materials shall be relatively free of all kinds of weeds and shall be free of prohibited noxious weeds which seed. Canes and stems shall be free of prohibited noxious weeds which seed mechanically or uniformly by hand such mulching shall be accomplished immediately after mulch placement to minimize loss by wind or water. This may be done by bag and twine method, mulch anchoring tool, netting or liquid mulch blowers.
- Temporary Seeding:**

Lime: 100 pounds of dolomitic limestone per 1,000 square feet.

Fertilizer: 15 pounds of 10-10-10 per 1,000 square feet.

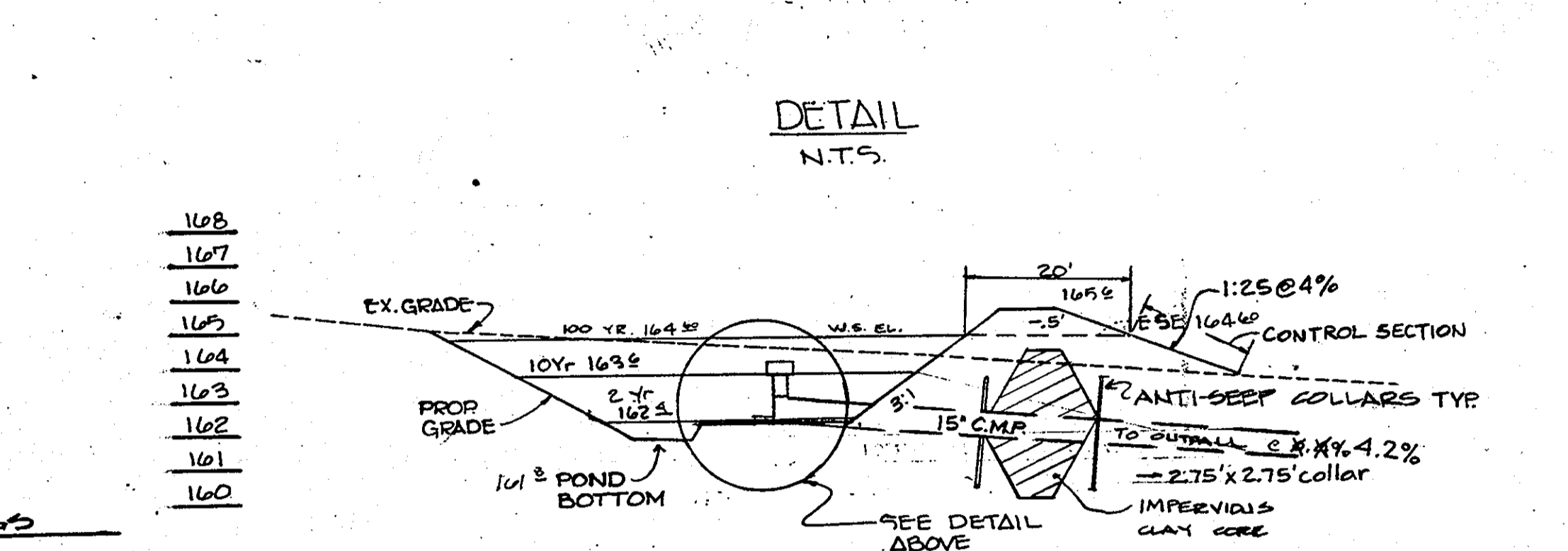
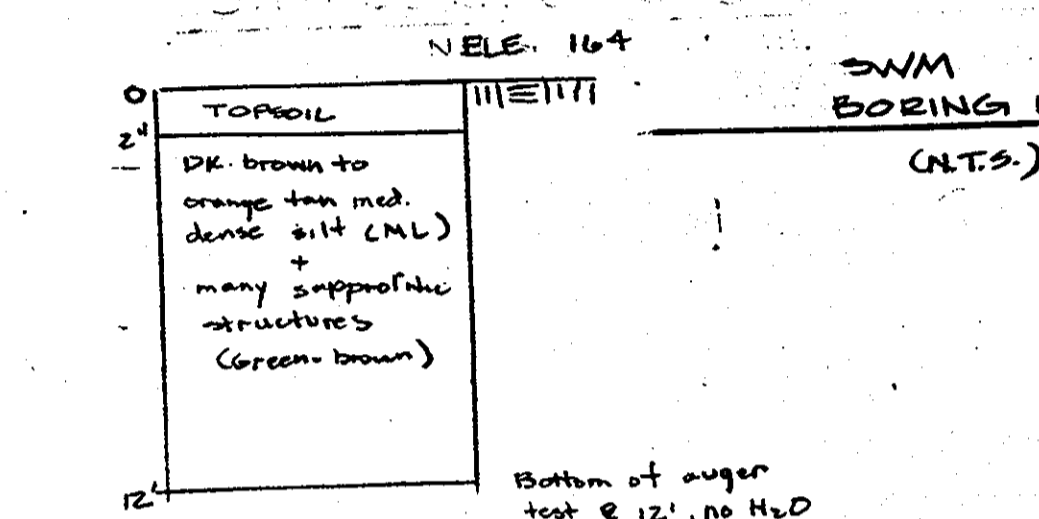
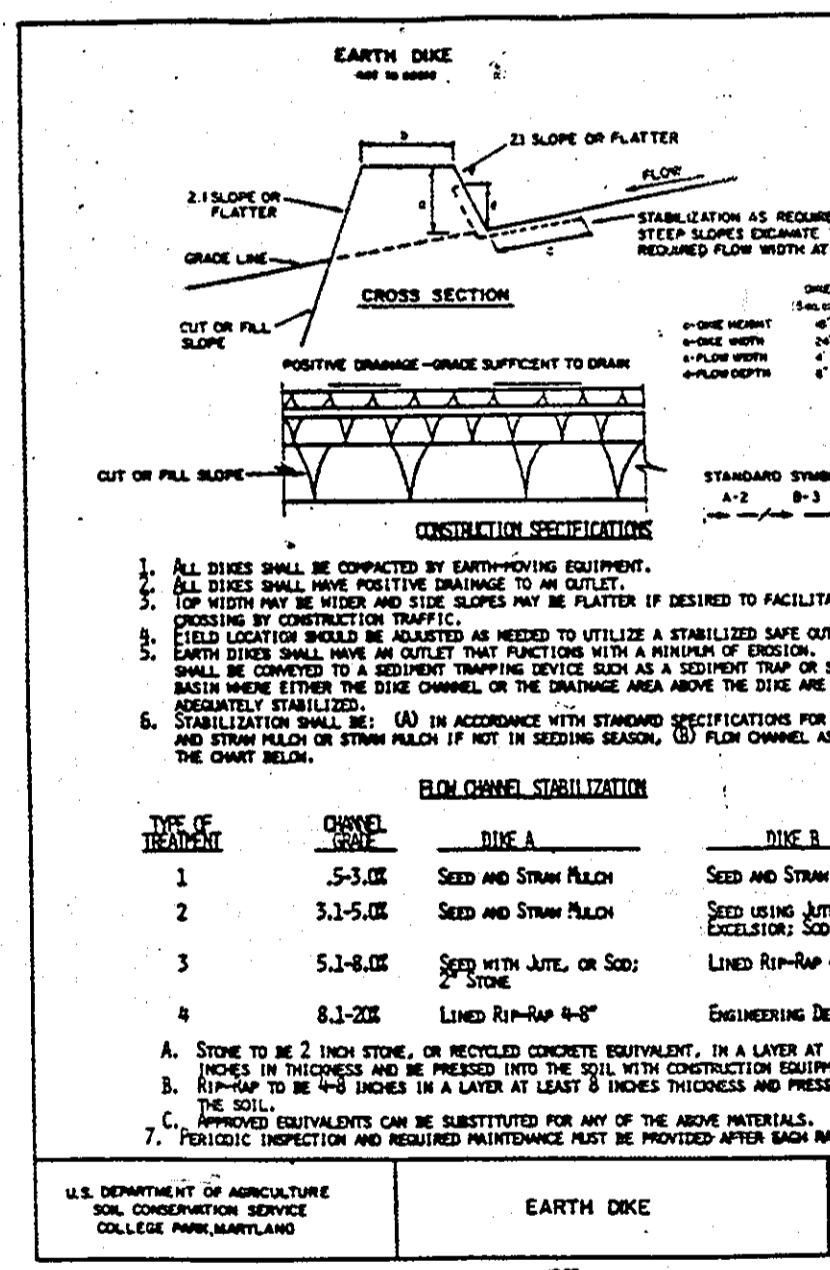
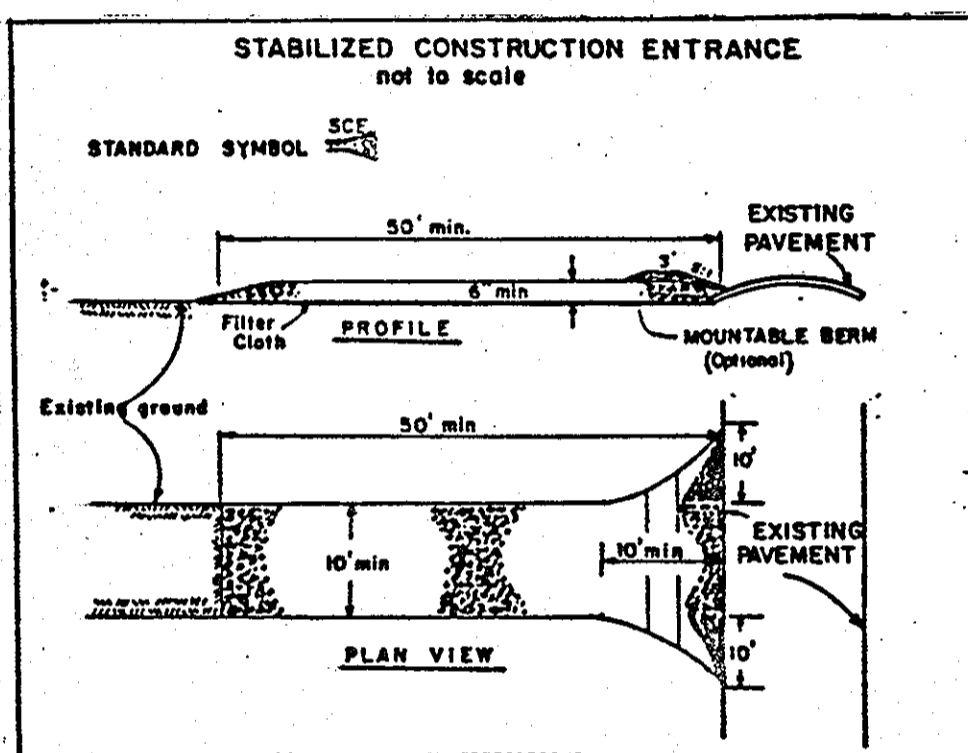
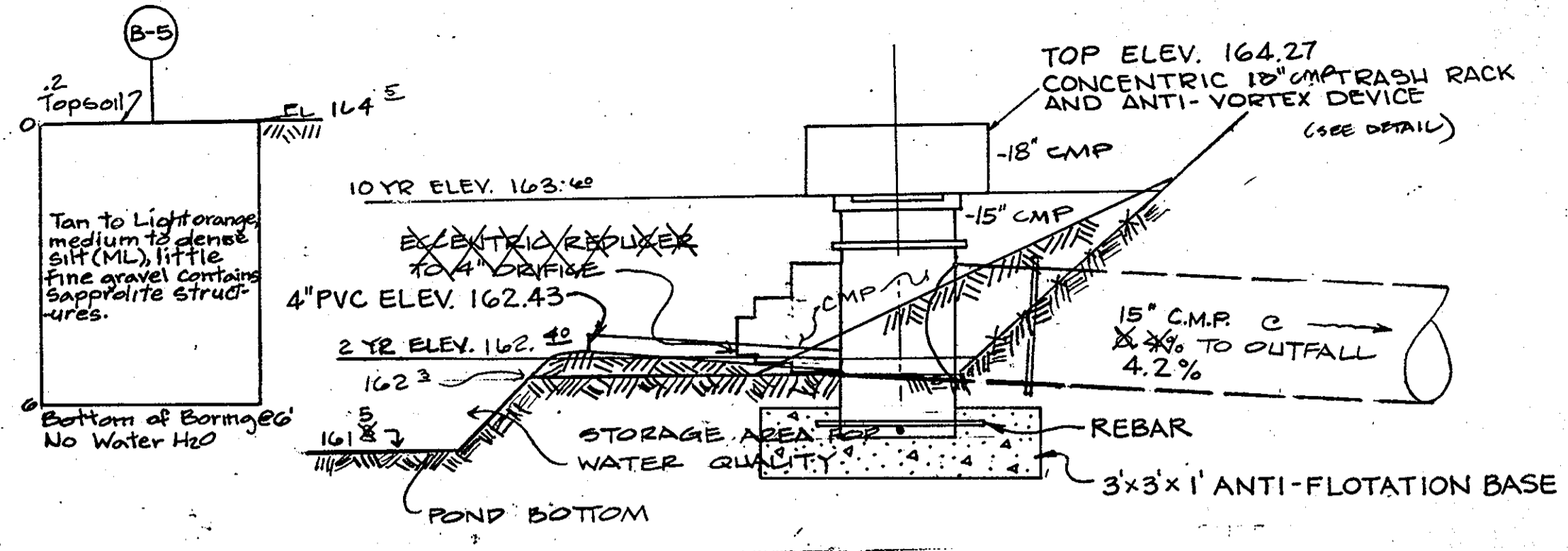
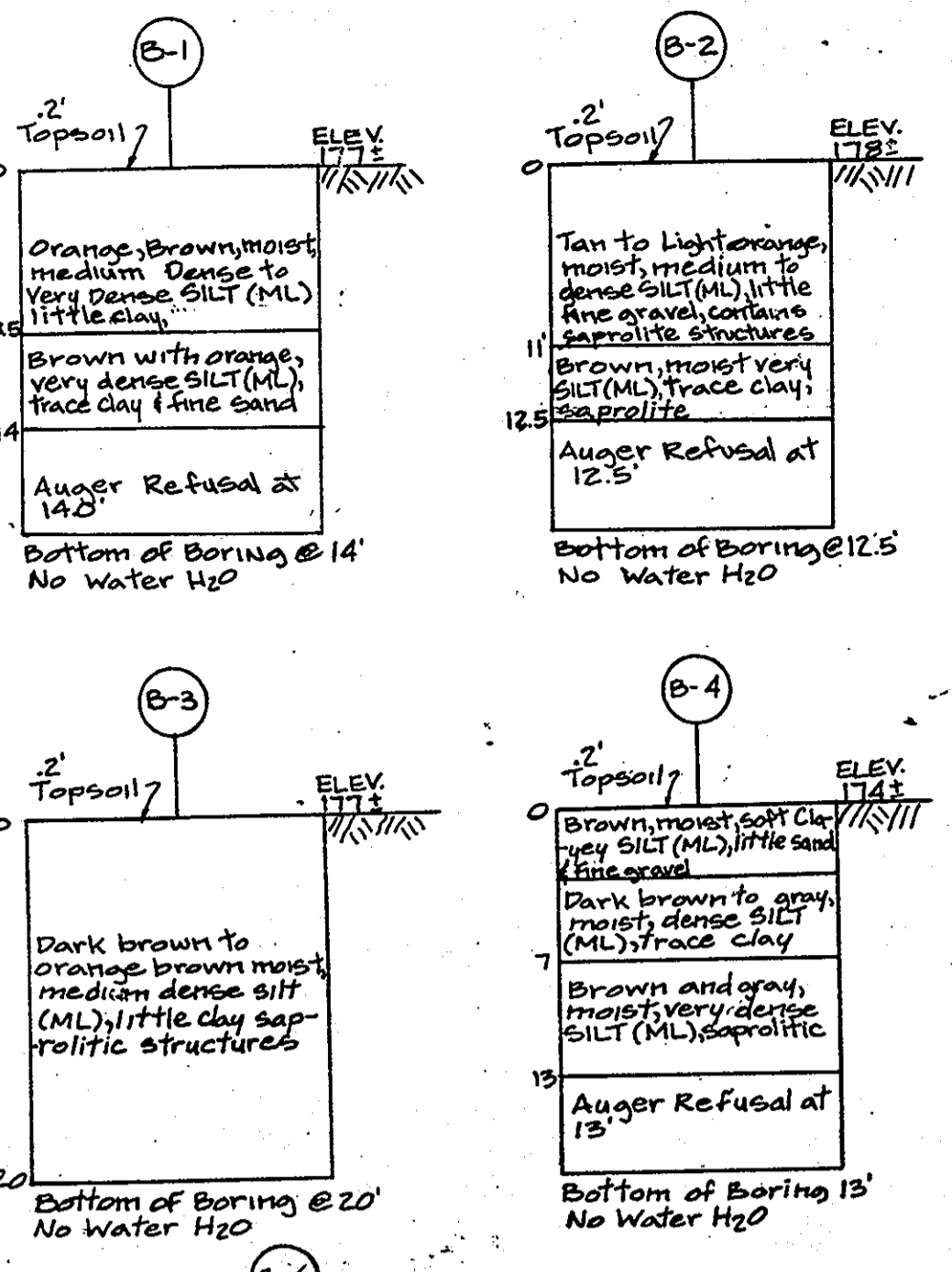
Seed: Perennial rye, Italian rye - 0.92 pounds per 1,000 square feet (February 1 through April 30 or August 15 through November 1)

Miller - 0.92 pounds per 1,000 square feet (May 1 through August 15)

Mulch: Same as above (September 1 through January 31)
- No fills may be placed on frozen ground. All fill to be placed in horizontally horizontal layers, each layer having a loose thickness of not more than 6". All fill in roadways and parking areas is to be compacted and Type 2 as per Army Army Corps of Engineers, Section 10-207, and compacted to 90% density; compaction to be determined by ASTM D-1557 (Modified Proctor). If fill within building area is to be compacted to a minimum of 95% as determined by method previously mentioned. All other fills shall be compacted sufficiently so as to be stable and prevent erosion and alligation.
- Permanent Seed:**

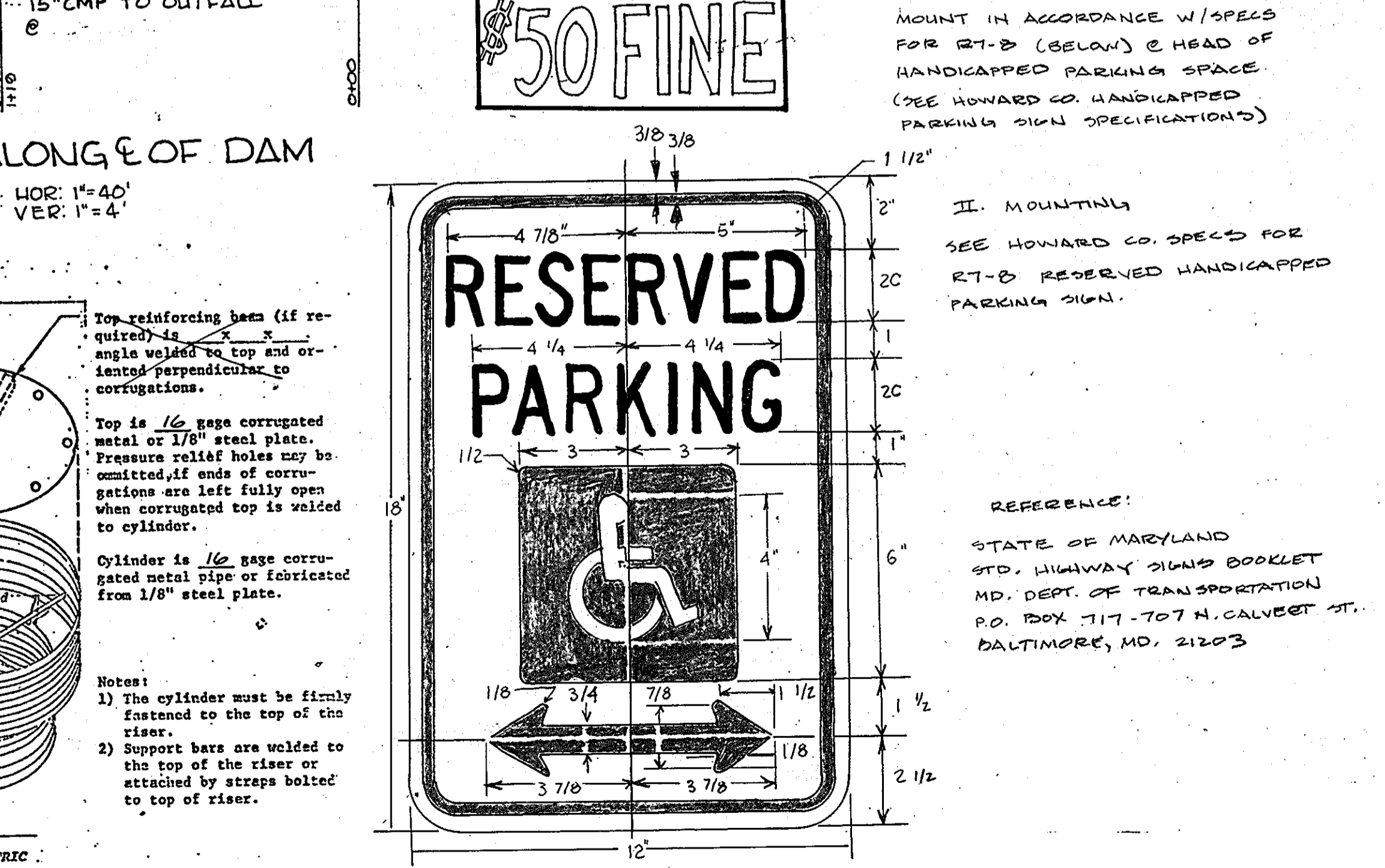
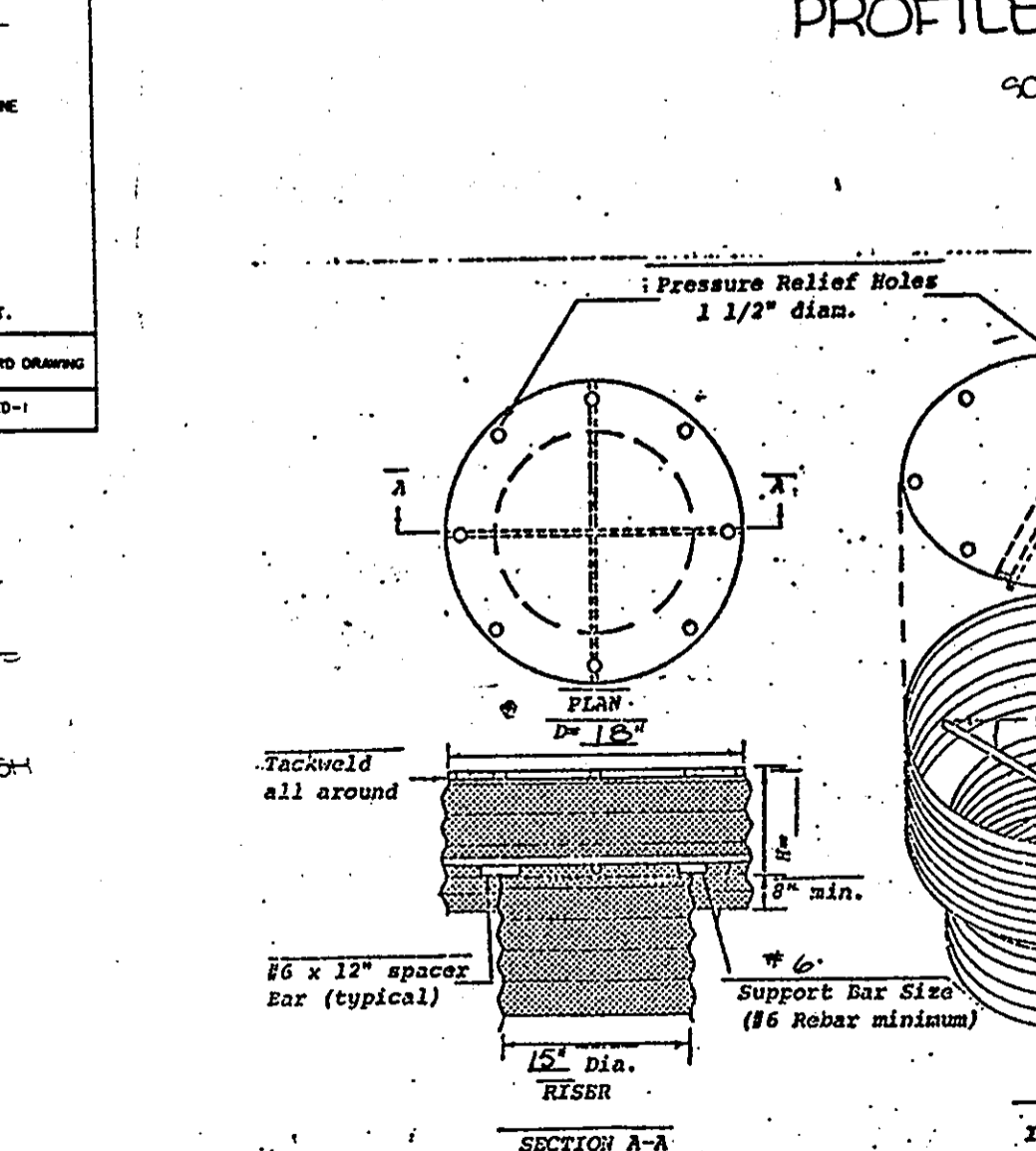
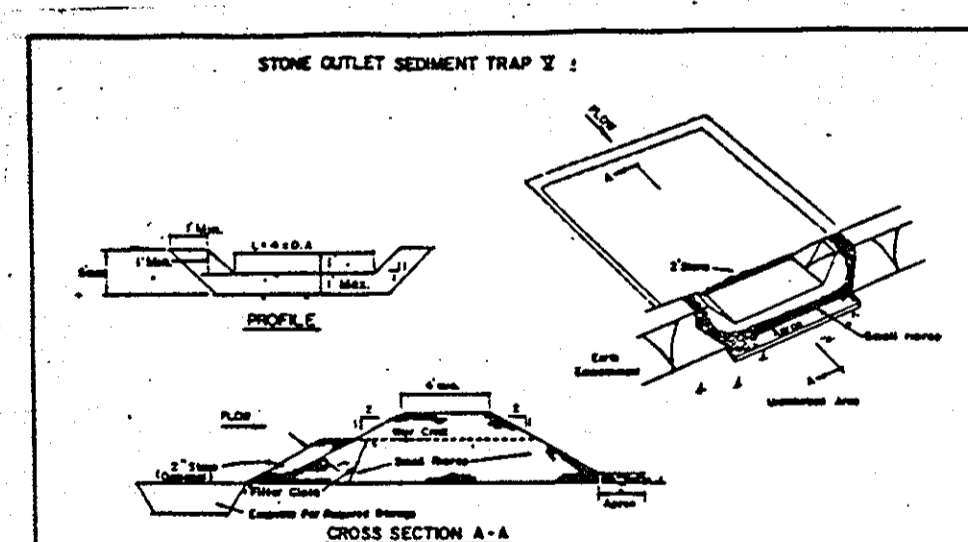
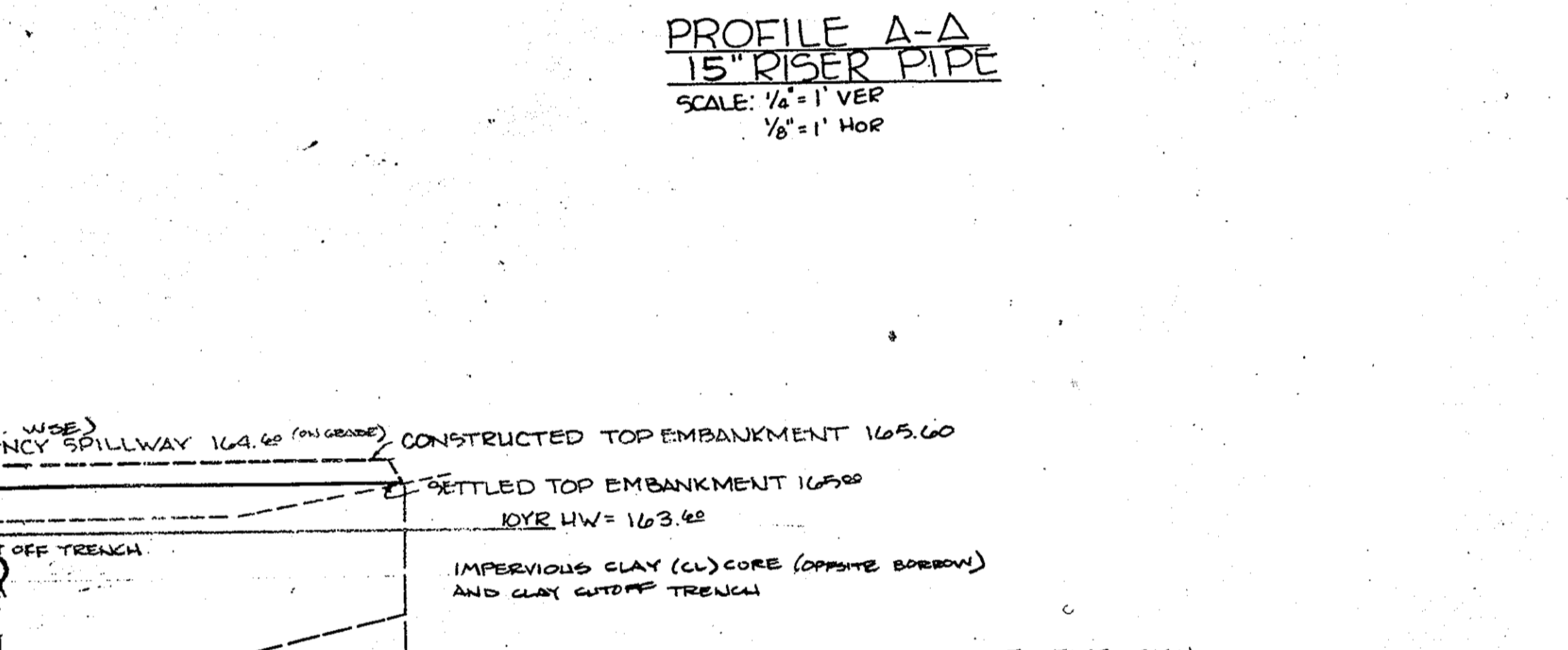
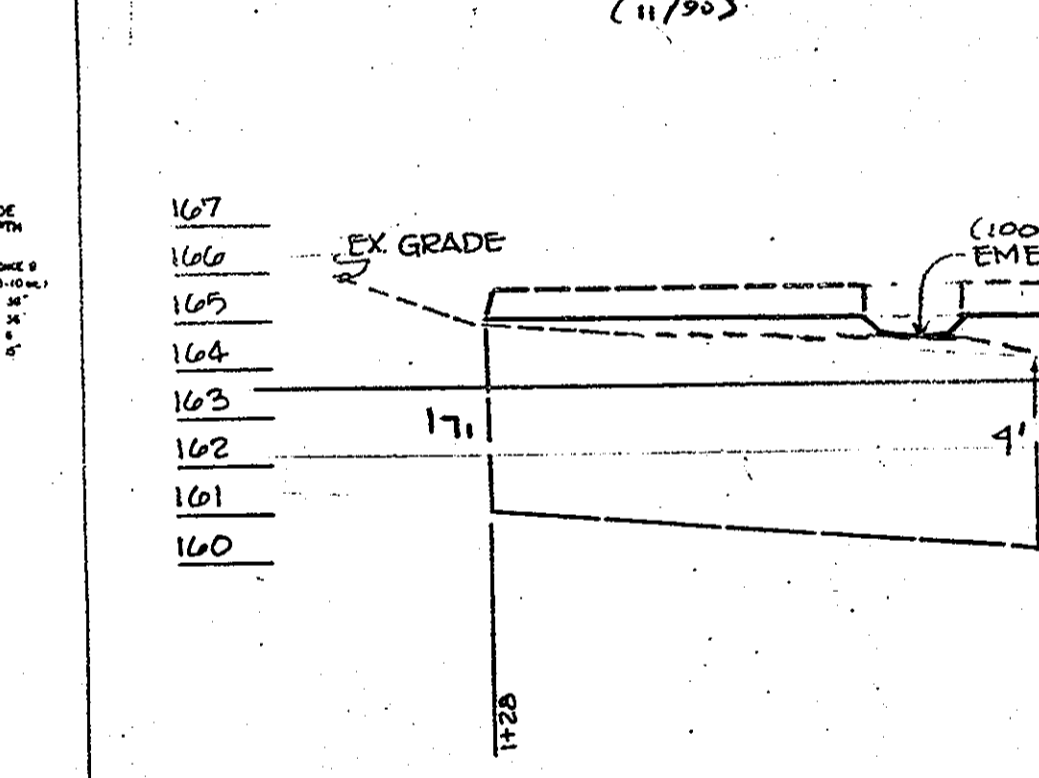
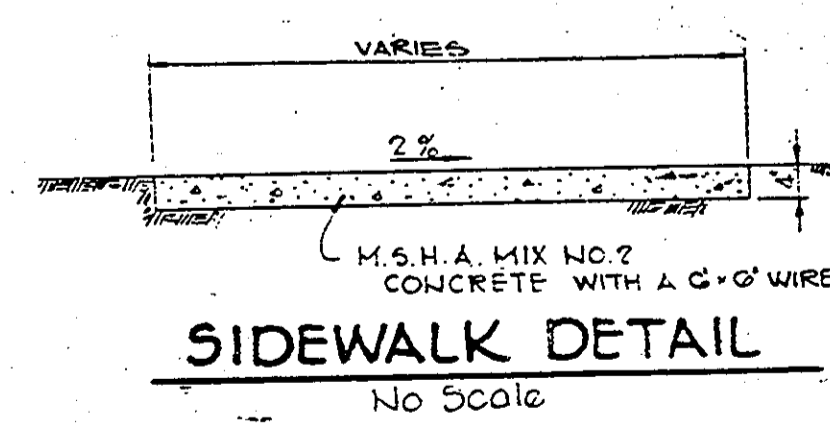
Permanent seed is to be Kentucky 31 tall fescue state approved seed; lime and fertilizer per permanent seeding specifications and lightly irrigate soil prior to laying seed. Seed is to be laid on the surface with all rows lightly sowing, joints are to be staggered between rows. Water and till or top soil to insure positive root contact with the soil. All slopes greater than 3 to 1, as shown, are to be permanently seeded or protected with an approved erosion control netting. Additional seeding for establishment may be provided. Seed is not to be applied on frozen ground.

NOTE: Use of this information does not preclude meeting all the requirements of the "1987 Maryland Standards and Specifications for Soil Erosion and Sediment Control".



**CONSTRUCTION SPECIFICATIONS**

- Stone Size - Use 3" stone, or recycled or recycled concrete equivalent.
- Length - As required, but not less than 30 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 slopes or aprons occur.
- 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 mounded berm with 3:1 slope 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 cleanup of any material 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.



**CONSTRUCTION SPECIFICATIONS FOR R-4'**

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and rock. The soil area shall be cleaned.
- The fill material for the embankment shall be free of trees and other woody vegetation as well as unconsolidated stones, cinders, or other objectionable material. The embankment shall be compacted by approved equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small type 4" or 6" with a 1" thickness of 2" aggregate placed on the upstream side on the small riprap 24" maximum filter cloth to the riprap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to the design depth of the trap.
- The structures shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structures shall be removed and the area stabilized when the drainage area has been properly stabilized.

Maximum Drainage Area: 5 Acres

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
COLLEGE PARK, MARYLAND

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COLLEGE PARK, MARYLAND

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
COLLEGE PARK, MARYLAND

BY THE DEVELOPER:

"I 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 NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I WILL PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT."

*[Signature]* 7/6/90  
DEVELOPER DATE

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 OF THE HOWARD SOIL CONSERVATION DISTRICT. I HAVE NOTIFIED THE DEVELOPER THAT HE MUST PROVIDE THE HOWARD SOIL CONSERVATION DISTRICT WITH AN "AS-BUILT" PLAN OF THE POND WITHIN 30 DAYS OF COMPLETION."

*[Signature]* 7/15/90  
ENGINEER DATE

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

*[Signature]* 5/14/91  
U.S. SOIL CONSERVATION SERVICE DATE

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

*[Signature]* 5/14/91  
APPROVED HOWARD S.C.D. DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING.

*[Signature]* 6/12/91  
PLANNING DIRECTOR DATE

*[Signature]* 6/12/91  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*[Signature]* 5/23/91  
DIRECTOR DATE

*[Signature]* 5/22/91  
CHIEF, BUREAU OF ENGINEERING DATE

OWNER/DEVELOPER:

MEADOWRIDGE MEMORIAL PARK, INC.  
7250 WASHINGTON BLVD.  
BALTIMORE, MARYLAND 21227

PROJECT: MEADOWRIDGE MEMORIAL PARK, INC.  
PROPOSED MAUSOLEUM  
T.M. 37 BLK. 22/23 E 179 D.R. 151/32  
CENSUS TRACT 4012 SEWER CODE 203000 WATER CODE 502  
1 ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

TITLE: **DETAIL SHEET**

Prepared By  
**RLS DESIGN GROUP**  
planning · site development · expediting  
9 grain highway ne. glen burnie, md. 21061  
760-1766

7/7/90  
DATE

DESIGNED BY: R.J.PETTIS  
DRAWN BY: R.J.PETTIS  
PROJECT NO.  
DATE: JUNE, 1990  
SCALE: AS SHOWN  
SHEET NO. 5 OF 5

TADE L. GERISCHER NO.16814

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

*[Signature]* 6/3/91  
COUNTY HEALTH OFFICER DATE