

2-12-10 Added An Open Check w/ Slope To The Rear of Building No. 5  
Date Revision

DATE: 1/21/20 NO. 4 REVISION (CONTINUED)  
ADD PARKING REQUIREMENT TABULATION - BUILDING #1 FOR CHANGE OF USE

OPERATION AND MAINTENANCE SCHEDULE FOR CENTENNIAL SQUARE OFFICE PARK

THE WATER QUALITY INLET WILL BE INSPECTED AFTER EACH HEAVY RAINFALL. ANY DEBRIS IS TO BE CLEANED OUT IMMEDIATELY. THE WATER QUALITY INLET IS TO BE PUMPED OUT BY AN APPROVED CONTRACTOR ON AN ANNUAL SCHEDULE. MAINTENANCE LOG MUST BE KEPT ON THE INLET AND PROVIDED TO THE COUNTY FOR INSPECTION AT COUNTY'S REQUEST.

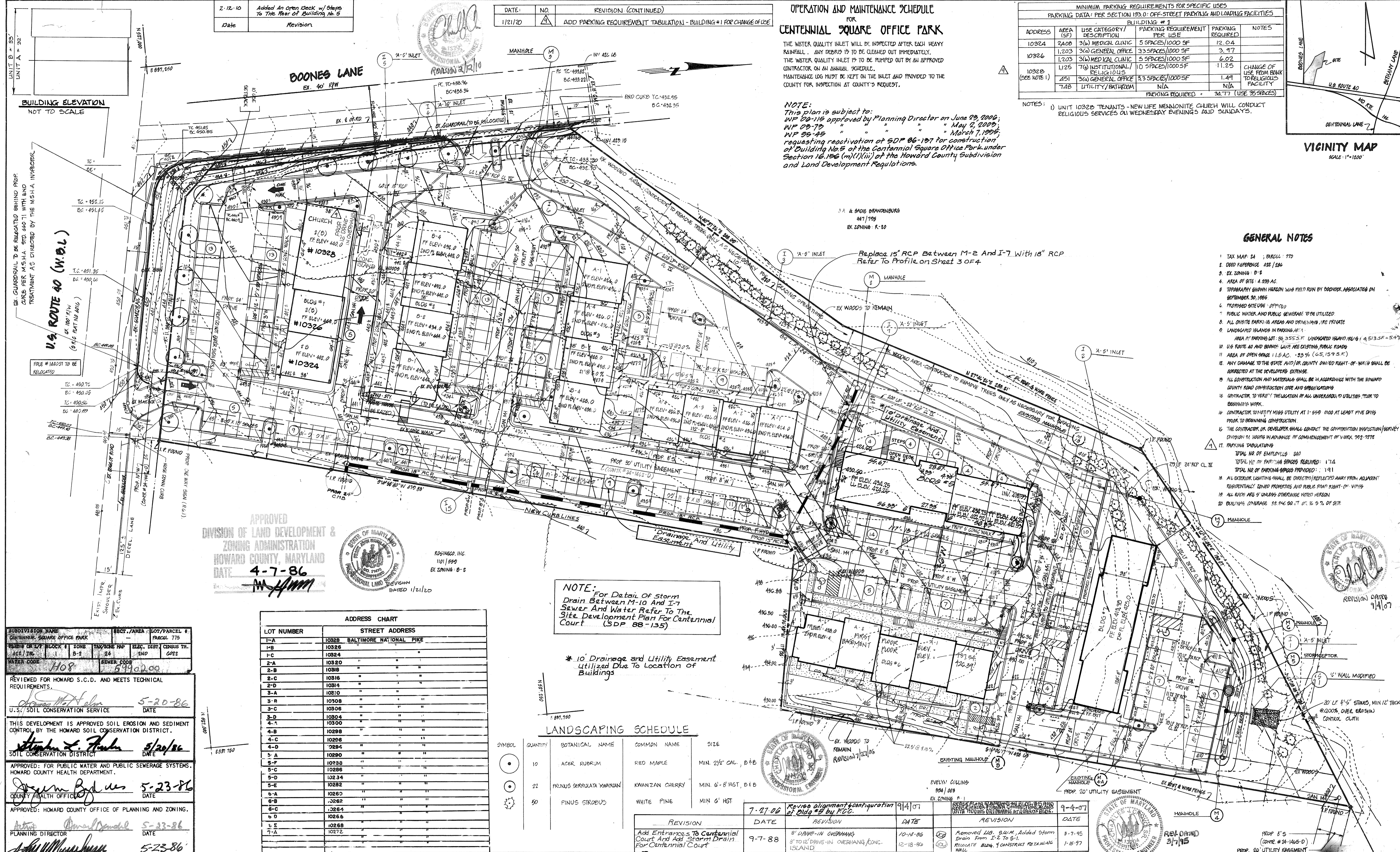
NOTE: This plan is subject to: W/P 08-118 approved by Planning Director on June 28, 2006; W/P 09-79 " " " " May 9, 2009; W/P 09-499 " " " " March 7, 1999; requesting reactivation of SDP 06-187 for construction of Building No. 5 of the Centennial Square Office Park under Section 16.186 (m)(1)(iii) of the Howard County Subdivision and Land Development Regulations.

MINIMUM PARKING REQUIREMENTS FOR SPECIFIC USES  
PARKING DATA: PER SECTION 193.0 OFF-STREET PARKING AND LOADING FACILITIES

| ADDRESS            | AREA (SF) | USE CATEGORY / DESCRIPTION     | PARKING REQUIREMENT PER USE | PARKING REQUIRED                         | NOTES   |
|--------------------|-----------|--------------------------------|-----------------------------|--|---|
| 10324              | 2,408     | 3(6) MEDICAL CLINIC            | 5 SPACES/1000 SF            | 12.04                                    |   |
| 10326              | 1,203     | 3(6) GENERAL OFFICE            | 3.3 SPACES/1000 SF          | 2.97                                     |   |
| 10326              | 1,203     | 3(6) MEDICAL CLINIC            | 5 SPACES/1000 SF            | 6.02                                     |   |
| 1032B (SEE NOTE 1) | 1,125     | 7(9) INSTITUTIONAL / RELIGIOUS | 10 SPACES/1000 SF           | 11.25                                    | CHANGE OF USE FROM BANK TO RELIGIOUS FACILITY |
|                    | 451       | 3(6) GENERAL OFFICE            | 3.3 SPACES/1000 SF          | 1.49                                     |   |
|                    | 748       | UTILITY/BATHROOM               | N/A                         | N/A                                      |   |
|                    |           |                                |                             | PARKING REQUIRED = 34.77 (USE 35 SPACES) |   |

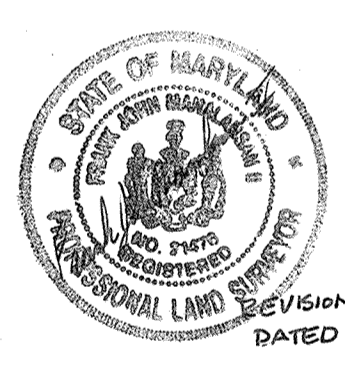
NOTES: 1) UNIT 1032B TENANTS - NEW LIFE MEMNONITE CHURCH WILL CONDUCT RELIGIOUS SERVICES ON WEDNESDAY EVENINGS AND SUNDAYS.

VICINITY MAP  
SCALE: 1"=100'



- GENERAL NOTES**
- TAX MAP 24; PARCEL 775
  - DEED REFERENCE 152/126
  - EX. ZONING: O-8
  - AREA OF SITE: 4.938 AC.
  - TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY DOONER ASSOCIATES ON SEPTEMBER 30, 1986
  - PROPOSED SITE USE: OFFICES
  - PUBLIC WATER AND PUBLIC SEWERAGE TO BE UTILIZED
  - ALL ON-SITE PARKING AREAS AND DRIVEWAYS ARE PRIVATE
  - LANDSCAPED ISLANDS IN PARKING AREA:  
AREA OF PARKING LOT: 84,355 S.F. LANDSCAPED ISLAND #1/4: 4,513 S.F. = 5.4%
  - U.S. ROUTE 40 AND BRANDBURG LANE ARE EXISTING PUBLIC ROADS
  - AREA OF OPEN SPACE: 1.5 AC. = 33% (65,159 S.F.)
  - ANY DAMAGE TO THE STATE AND/OR COUNTY OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE
  - ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS
  - CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK
  - CONTRACTOR TO NOTIFY MISS UTILITY AT 1-559-0100 AT LEAST FIVE DAYS PRIOR TO BEGINNING CONSTRUCTION
  - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORKS 702-7176
  - PARKING TABULATION:  
TOTAL NO. OF EMPLOYEES: 240  
TOTAL NO. OF PARKING SPACES REQUIRED: 174  
TOTAL NO. OF PARKING SPACES PROVIDED: 191
  - ALL EXTERIOR LIGHTING SHALL BE DIRECTED/REFLECTED AWAY FROM ADJACENT RESIDENTIALLY OWNED PROPERTIES AND PUBLIC ROAD RIGHT-OF-WAYS
  - ALL RAIN ARE'S UNLESS OTHERWISE NOTED HEREON
  - EXISTING COVERAGE: 38.1% (90,717 S.F.) OF 16.9% OF SITE

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 4-7-86



ROBINCO, INC.  
11011990  
EX. ZONING: O-8

NOTE: For Detail of Storm Drain Between M-10 And I-7 Sewer And Water Refer To The Site Development Plan For Centennial Court (SDP 88-135)

\* 10' Drainage and Utility Easement Utilized Due To Location of Buildings

SUBDIVISION NAME: CENTENNIAL SQUARE OFFICE PARK; SECT./AREA: 24/2.408; LOT/PARCEL: 715

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS. DATE: 5-20-86

U.S. SOIL CONSERVATION SERVICE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT. DATE: 5-23-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. DATE: 5-23-86

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. DATE: 5-22-86

ADDRESS CHART

| LOT NUMBER | STREET ADDRESS                |
|------------|-------------------------------|
| 1-A        | 10328 BALTIMORE NATIONAL PIKE |
| 1-B        | 10326 " "                     |
| 1-C        | 10324 " "                     |
| 2-A        | 10320 " "                     |
| 2-B        | 10318 " "                     |
| 2-C        | 10316 " "                     |
| 2-D        | 10314 " "                     |
| 3-A        | 10310 " "                     |
| 3-B        | 10308 " "                     |
| 3-C        | 10306 " "                     |
| 3-D        | 10304 " "                     |
| 4-1        | 10300 " "                     |
| 4-B        | 10298 " "                     |
| 4-C        | 10296 " "                     |
| 4-D        | 10294 " "                     |
| 5-A        | 10290 " "                     |
| 5-B        | 10288 " "                     |
| 5-C        | 10286 " "                     |
| 5-D        | 10284 " "                     |
| 5-E        | 10282 " "                     |
| 5-A        | 10280 " "                     |
| 6-B        | 10262 " "                     |
| 6-C        | 10264 " "                     |
| 6-D        | 10266 " "                     |
| 6-E        | 10268 " "                     |
| 7-A        | 10272 " "                     |

LANDSCAPING SCHEDULE

| SYMBOL   | QUANTITY | BOTANICAL NAME           | COMMON NAME    | SIZE                  |
|----------|----------|--------------------------|----------------|-----------------------|
| (Symbol) | 10       | ACER RUBRUM              | RED MAPLE      | MIN. 2 1/2" CAL., B&B |
| (Symbol) | 22       | PRUNUS SERRULATA KWANZAN | KWANZAN CHERRY | MIN. 6-8 HGT, B&B     |
| (Symbol) | 50       | PINUS SIKOBUS            | WHITE PINE     | MIN. 6' HGT           |

| REVISION | DATE    | REVISION | DATE     |
|----------|---------|----------|----------|
| 7-27-06  | 7-27-06 | 9-14-07  | 9-14-07  |
| 9-7-88   | 9-7-88  | 10-14-86 | 10-14-86 |
|          |         | 12-18-90 | 12-18-90 |

ENGINEER'S CERTIFICATE  
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
Walter A. Arush  
ENGINEER  
DATE: 5-8-86

DEVELOPER'S CERTIFICATE  
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
Walter A. Arush  
DEVELOPER  
DATE: 12/10/85

OWNERS  
CENTENNIAL SQUARE PARTNERSHIP Earl Collins, et al.  
150 PENWICK LANE  
SILVER SPRING, MARYLAND 20910  
DEVELOPER  
STANDARD MANAGEMENT  
150 PENWICK LANE  
SILVER SPRING, MARYLAND 20910

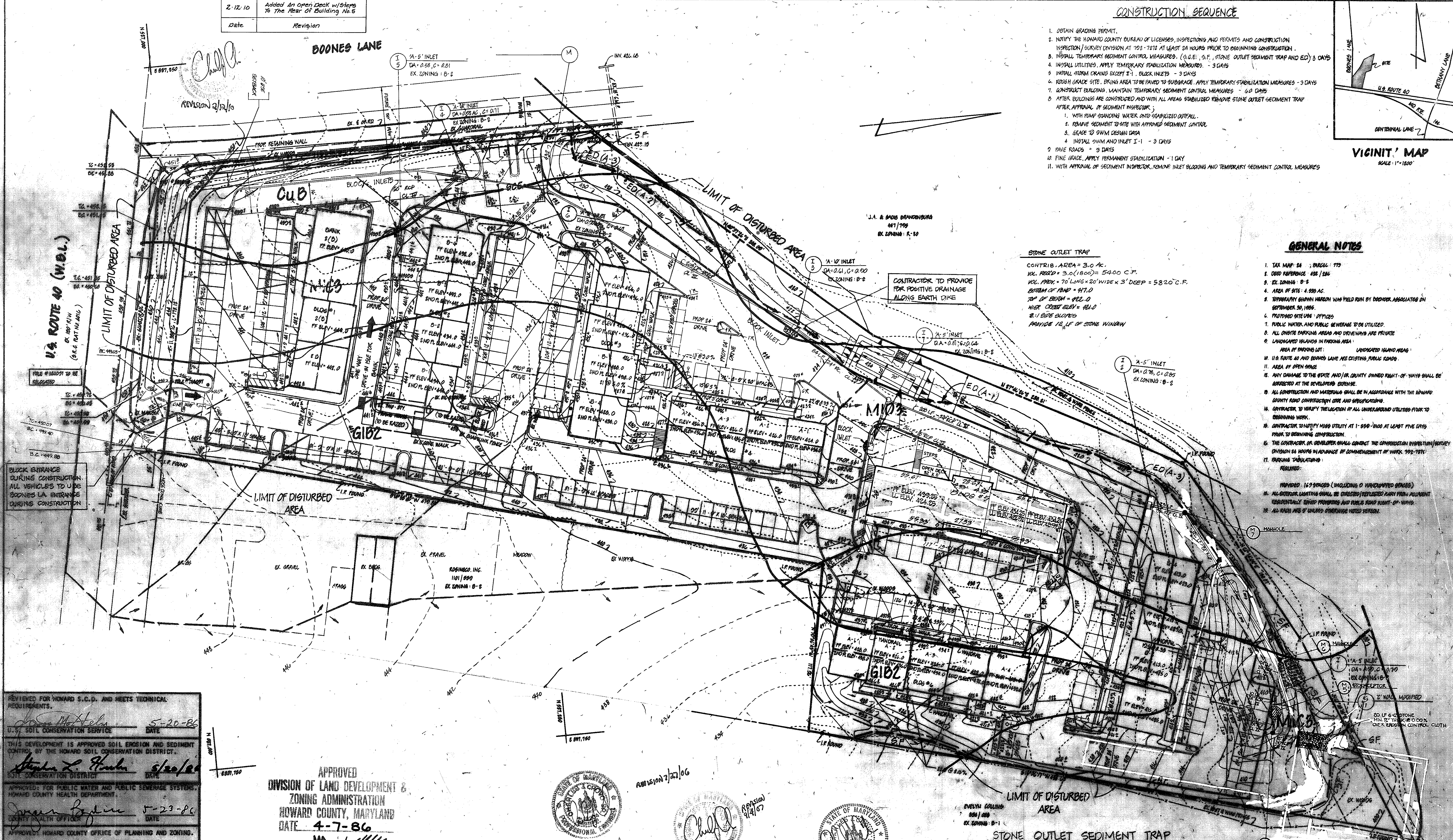
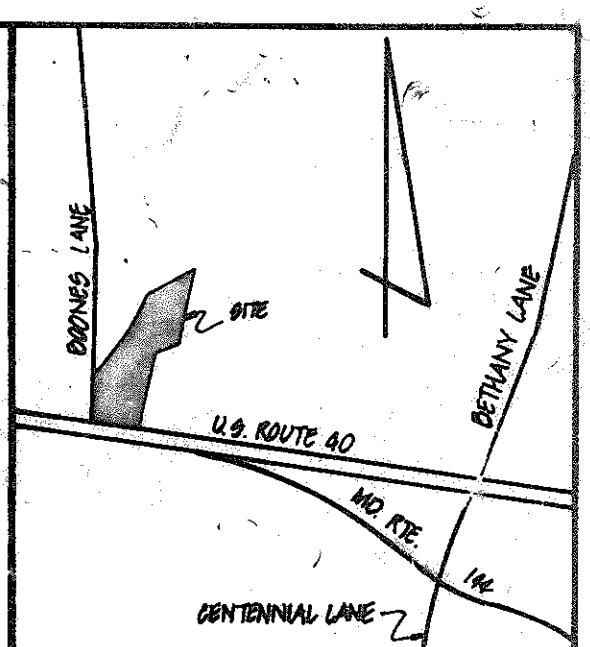
TITLE: SITE DEVELOPMENT PLAN  
PROJECT: CENTENNIAL SQUARE OFFICE PARK  
LOCATION: 2 NO. ELECTION DISTRICT TAX MAP 24 HOWARD CO., MD.  
SCALE: 1"=30'  
FIELD BOOK: 63  
PAGE NO.: 09 TO 191  
JOB NO.: 85176  
DRAWING NO.: 1 OF 4

boender associates inc.  
consulting engineers  
land surveyors  
land planners  
COURTHOUSE SQUARE  
3565 ELLICOTT MILLS DRIVE  
ELLICOTT CITY, MD. 21103  
(301) 465-7777

|         |  |
|---------|--|
| 2-12-10 | Added An Open Deck w/Steps To The Rear Of Building No. 6 |
| Date    | Revision   |

**CONSTRUCTION SEQUENCE**

- OBTAIN GRADING PERMIT.
  - NOTIFY THE HOWARD COUNTY BUREAU OF LICENSES, INSPECTIONS AND PERMITS AND CONSTRUCTION INSPECTION/SURVEY DIVISION AT 702-7812 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
  - INSTALL TEMPORARY SEDIMENT CONTROL MEASURES. (S.O.E., S.F., STONE OUTLET SEDIMENT TRAP AND ED) 3 DAYS
  - INSTALL UTILITIES. APPLY TEMPORARY STABILIZATION MEASURES - 3 DAYS
  - INSTALL STORM DRAINS EXCEPT I-1. BLOCK INLETS - 3 DAYS
  - ROUGH GRADE SITE. BRKING AREA TO BE PAVED TO SUBGRADE. APPLY TEMPORARY STABILIZATION MEASURES - 3 DAYS
  - CONSTRUCT BUILDING. MAINTAIN TEMPORARY SEDIMENT CONTROL MEASURES - 40 DAYS
  - AFTER BUILDINGS ARE CONSTRUCTED AND WITH ALL AREAS STABILIZED REMOVE STONE OUTLET SEDIMENT TRAP
- AFTER APPROVAL OF SEDIMENT INSPECTOR;
- WITH PUMP STANDING WATER AND STABILIZED OUTFALL.
  - REMOVE SEDIMENT TO SITE WITH APPROVED SEDIMENT CONTROL
  - GRADE TO SWM DESIGN DATA
  - INSTALL SWM AND INLET I-1 - 3 DAYS
- PAVE ROADS - 3 DAYS
  - FINE GRADE. APPLY PERMANENT STABILIZATION - 1 DAY
  - WITH APPROVAL OF SEDIMENT INSPECTOR, REMOVE INLET BLOCCING AND TEMPORARY SEDIMENT CONTROL MEASURES



**GENERAL NOTES**

- TAX MAP: 64; BLOCK: 779
- DEED REFERENCE: 482/284
- EX. ZONING: B-2
- AREA OF SITE: 4.928 AC.
- TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BOENDER ASSOCIATES ON SEPTEMBER 30, 1995.
- PROPOSED SITE USE: OFFICES
- PUBLIC WATER AND PUBLIC SEWERAGE TO BE UTILIZED.
- ALL ON-SITE PARKING AREAS AND DRIVEWAYS ARE PRIVATE
- LANDSCAPED ISLANDS IN PARKING AREA:
  - AREA OF PARKING LOT: LANDSCAPED ISLAND AREAS
- U.S. ROUTE 40 AND BOONES LANE ARE EXISTING PUBLIC ROADS.
- AREA OF OPEN SPACE
- ANY DAMAGE TO THE STATE AND/OR COUNTY OWNED RIGHT-OF-WAY SHALL BE REPAIRED AT THE DEVELOPER'S EXPENSE.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS UTILITY AT 1-800-760-0100 AT LEAST FIVE DAYS PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONDUCT THE CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK 1992-1993.
- PARKING TABULATIONS:
  - REQUIRED:
  - PROVIDED: 143 SPACES (INCLUDING 0 HANDICAPPED SPACES)
- ALL EXISTING UTILITIES SHALL BE PROTECTED/RELOCATED AS NECESSARY. ALL EXISTING UTILITIES SHALL BE PROTECTED AND PUBLIC RIGHT-OF-WAY SHALL BE MAINTAINED.
- ALL EXISTING UTILITIES SHALL BE PROTECTED/RELOCATED AS NECESSARY.

**STONE OUTLET TRAP**

CONTRIB. AREA = 3.0 AC.  
 VOL. RET'D = 3.0(1800) = 5400 C.F.  
 VOL. FREQ. = 70' LONG x 20' WIDE x 3' DEEP = 5820 C.F.  
 BOTTOM OF FREQ. = 917.0  
 TOP OF BEAM = 922.0  
 HIGH CREST ELEV. = 921.0  
 2" SLOPE SIDINGS  
 PROVIDE 18" LF OF STONE WINDOW

**STONE OUTLET SEDIMENT TRAP**

STORAGE REQ'D: 9540 C.F.  
 STORAGE PROV'D: 9950 C.F.  
 BOTTOM ELEV.: 402.0  
 SPILLWAY CREST ELEV.: 409.0

TOP OF EMBANKMENT: 408.0  
 SPILLWAY LENGTH: 21'  
 O.A. = 9.3 AC.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*John M. Stolar* 5-20-86  
 U.S. SOIL CONSERVATION SERVICE DATE

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

*Steven L. Hanks* 5/20/86  
 SOIL CONSERVATION DISTRICT DATE

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

*James Berlin* 5-23-86  
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

*Atty. General* 5-23-86  
 PLANNING DIRECTOR DATE

*Walter A. Hinkle* 5-23-86  
 BRIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

*Walter A. Hinkle* 5-26-86  
 DIRECTOR DATE

*Walter A. Hinkle* 5-26-86  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 4-7-86



| By     | Revision   | Date     |
|--------|--|----------|
| W.A.H. | Revise alignment & configuration of Block # 6, add silt fence                                      | 7-27-06  |
| W.A.H. | REVISE BLOCK # 6, ADD STORM DRAIN AND CENTER WATER & POWER CONNECTIONS ALONG WITH ASPHALT DRIVEWAY | 10/14/07 |

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER *Walter A. Hinkle* DATE 5-8-86

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DEVELOPER *Earl Collins et al.* DATE 11/12/05

**OWNER**  
 CENTENNIAL GENERAL PARTNERSHIP Earl Collins et al.  
 10272 Do It Not Place  
 SILVER SPRING, MARYLAND 20910-2142

**DEVELOPER**  
 BOENDER ASSOCIATES  
 1422 PENNICK LANE  
 SILVER SPRING, MARYLAND 20910

**boender associates inc.**  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 5555 ELLICOTT HILLS DRIVE  
 ELLICOTT CITY, MD 21143  
 (301) 381-7777

TITLE: DRAINAGE AREA MAP, SOILS MAP AND SEDIMENT CONTROL PLAN  
 PROJECT: CENTENNIAL SQUARE OFFICE PARK  
 LOCATION: 2ND ELECTION DISTRICT TAX MAP 64 HOWARD CO. MD.  
 SCALE: 1" = 50'  
 DESIGNED BY: DATE: 12/12/05  
 DRAWN BY: DATE: 12/12/05  
 CHECKED BY: DATE: 12/12/05  
 PAGE NO.: 02 OF 02  
 JOB NO.: 05778  
 DRAWING NO.: 2 OF 6

**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 re-disturbance, 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 2:1, b) 14 days for 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 established within the maximum period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and temporary seedings (Sec. 52) and mulch along can only be done when recommended seeding rates 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 the condition in which permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:
  - Total Area of Site: 4.6 Acres
  - Area Disturbed: 3.3 Acres
  - Area to be roofed or paved: 2.5 Acres
  - Area to be vegetatively stabilized: 2.1 Acres
  - Total Cut: 0.3 yds
  - Total Fill: 0.3 yds
  - Offsite waste/borrow area location:
- 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 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 submitted until this initial approval by the inspection agency is made.

**PERMANENT SEEDING NOTES**

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

**Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 20-0-0 urethane fertilizer (9 lbs/1000 sq ft).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Narrow or disc into upper three inches of soil.

**Seeding:** For periods March 1 thru April 30 and August 1 thru October 15, seed with 50 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 40 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.5 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 anchored straw mulch and seed as soon as possible in the spring. Option (2) the seed. Option (3) seed with 40 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

**Maintenance:** Inspect all seeded areas and make needed repairs, replacements and reseedings.

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

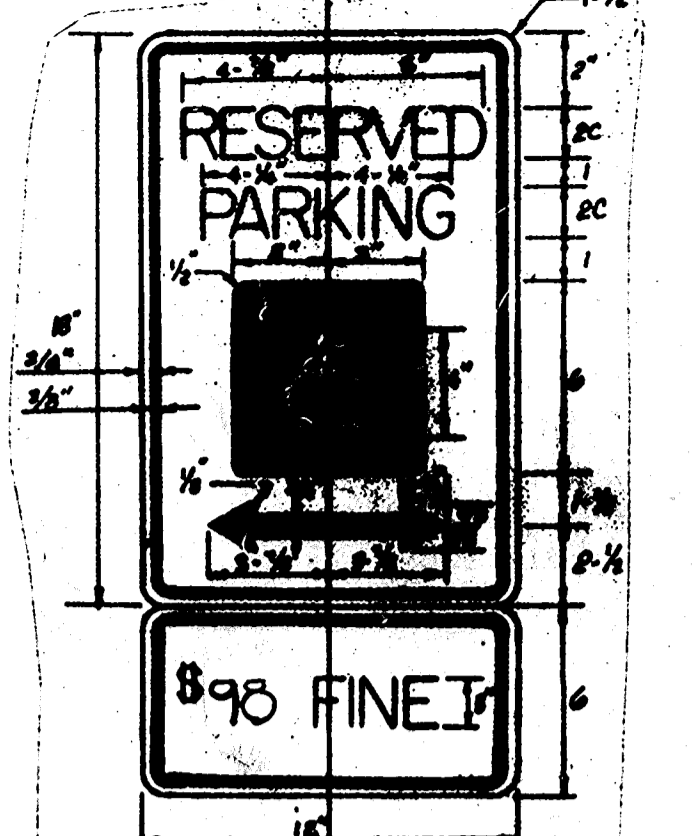
**Seeded Preparation:** Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

**Soil Amendments:** Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

**Seeding:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 20 bushel per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For their 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 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

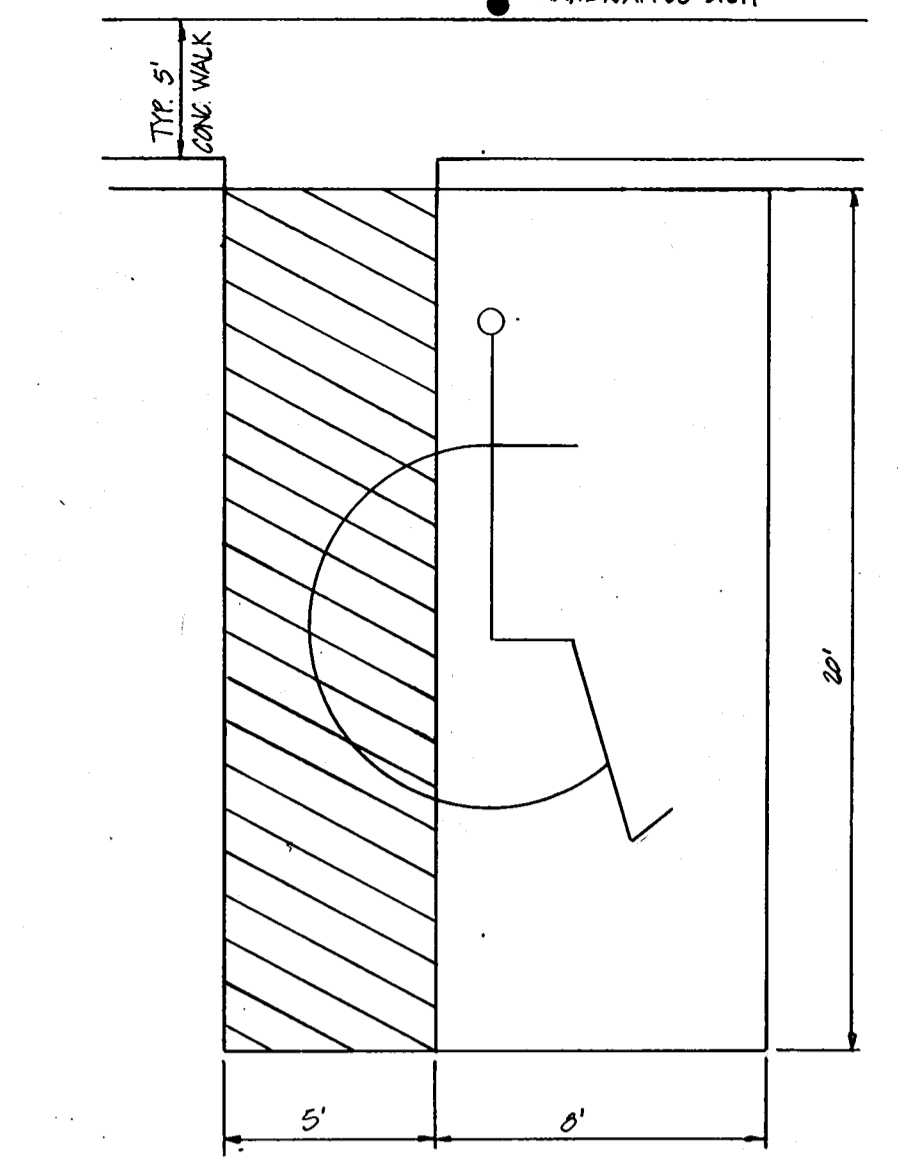
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



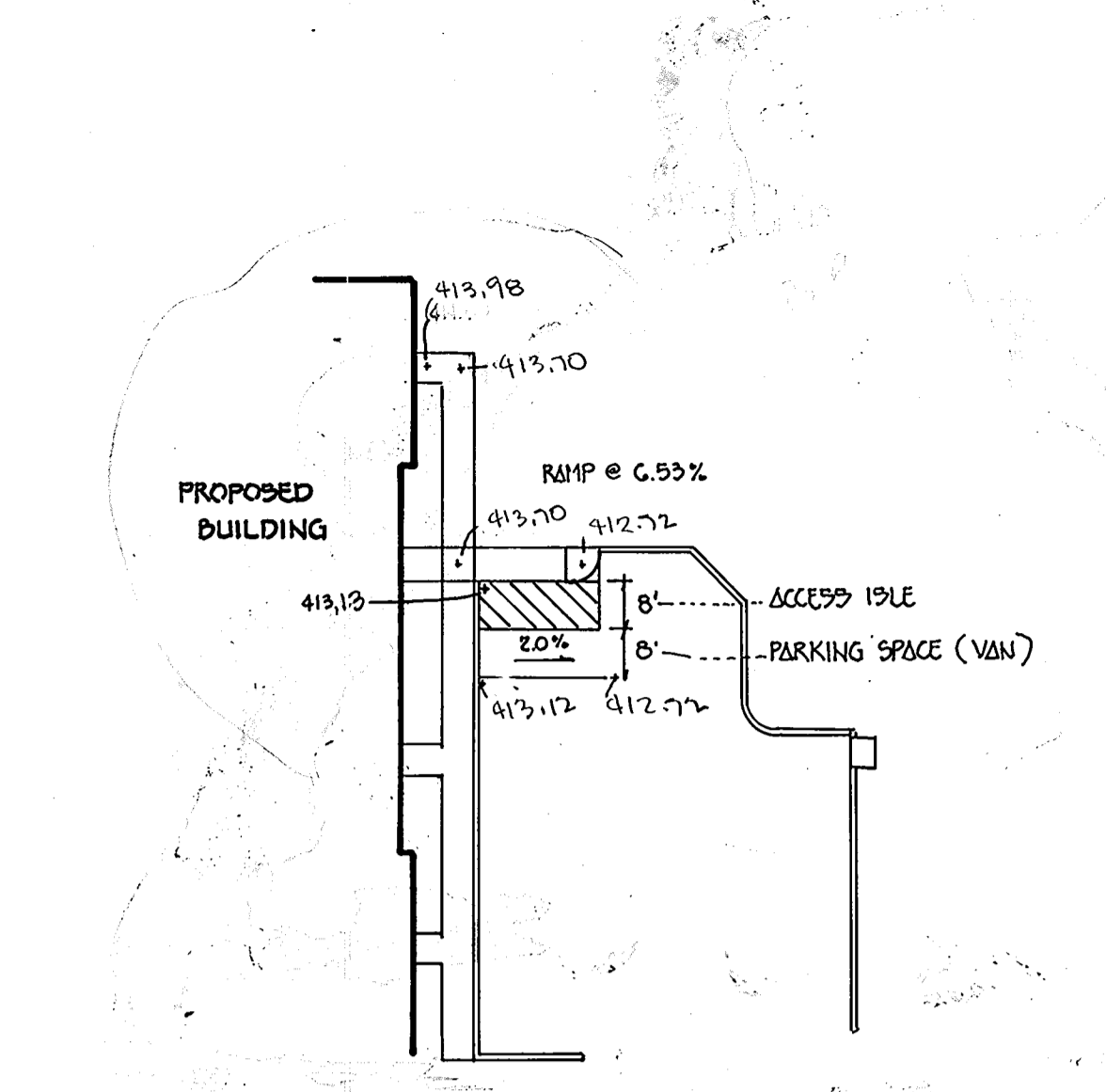
**HANDICAPPED PARKING SIGN**

NOTES CONCERNING SIGN SIZE AS PER MD. CO. BILL NO. 58-94.

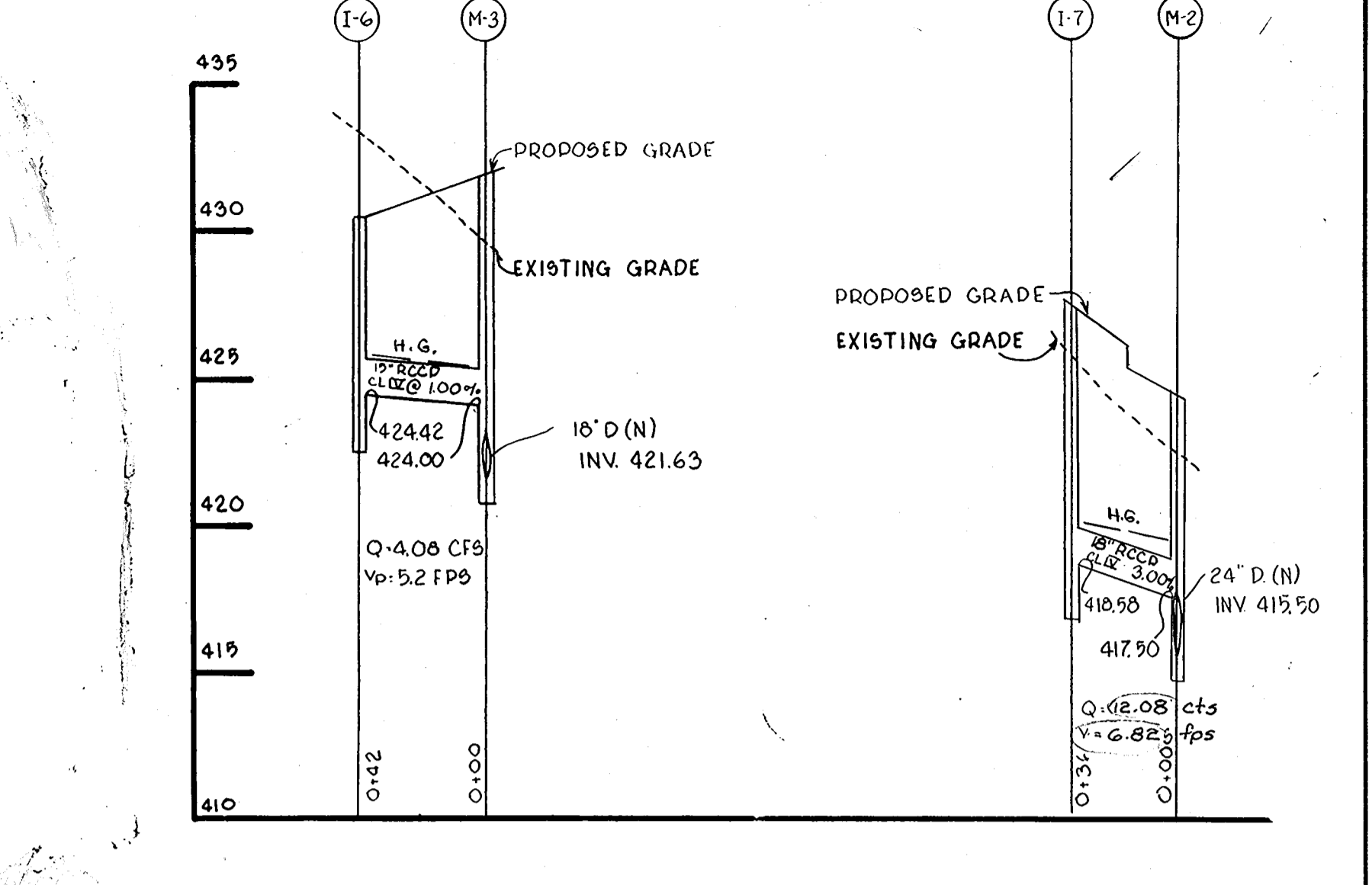
1. SIGN TO UTILIZE AN ALUMINUM BLANK 6" X 18" X 0.005" THICK WITH TWO (2) SINGLE POST MOUNTING HOLES.
2. THE TEXT AND SYMBOL SHALL BE STANDARD GREEN TO MATCH THE SIGN ON R.T.-1, AND THE BACKGROUND SHALL BE REFLECTIVE WHITE. TEXT SHALL BE 5" HIGH.
3. FINISH SIGN TO BE IN ACCORD WITH MINIMUM HEIGHT OF 7' AND A HANDICAPPED SYMBOL OF 48" X 48" TO SCALE.



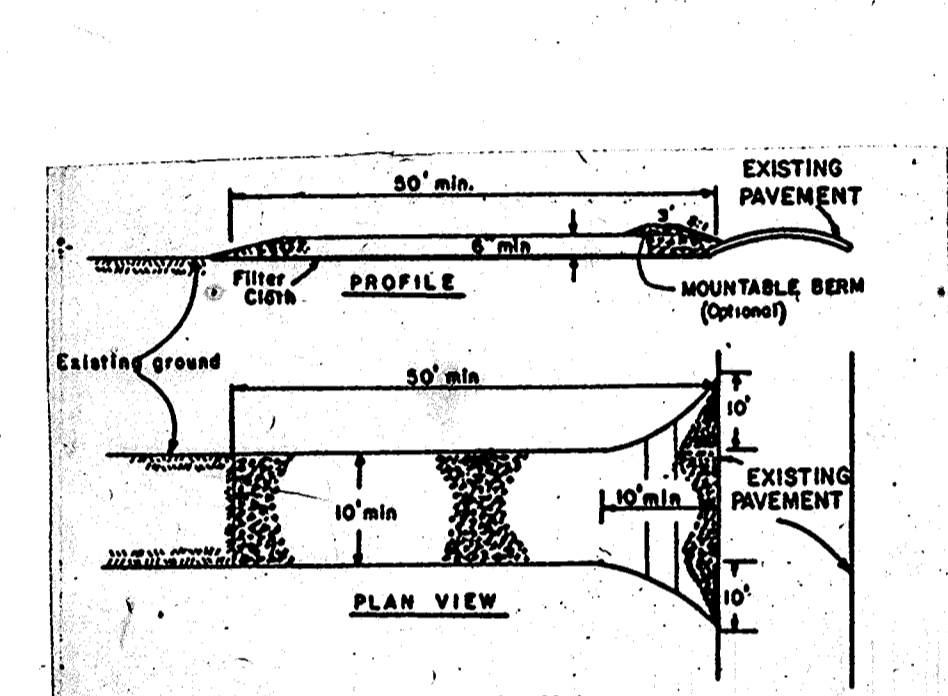
TYPICAL HANDICAPPED PARKING SPACE DETAIL  
NOT TO SCALE



PARKING SPACE DETAIL  
NOT TO SCALE



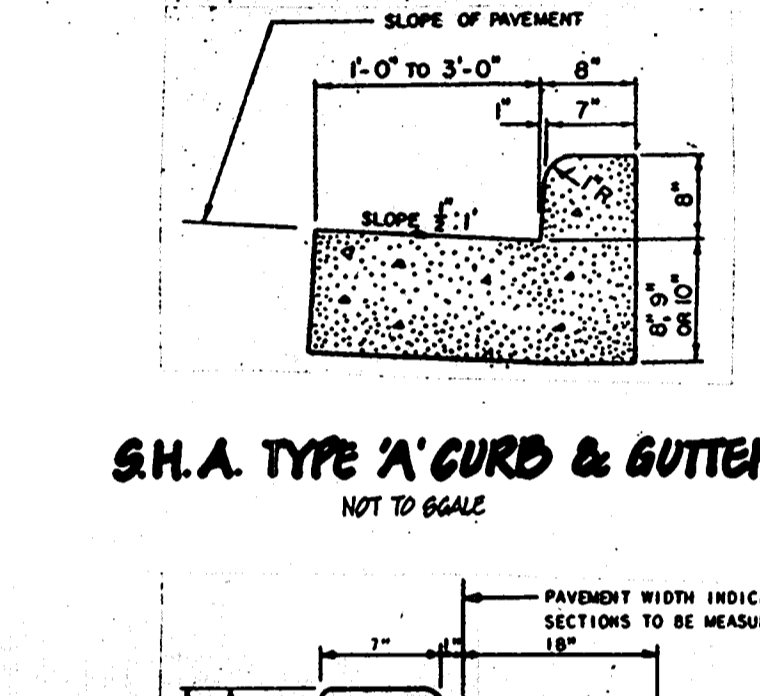
PROFILE  
SCALES: HORIZ: 1"=90'  
VERT: 1"=5'



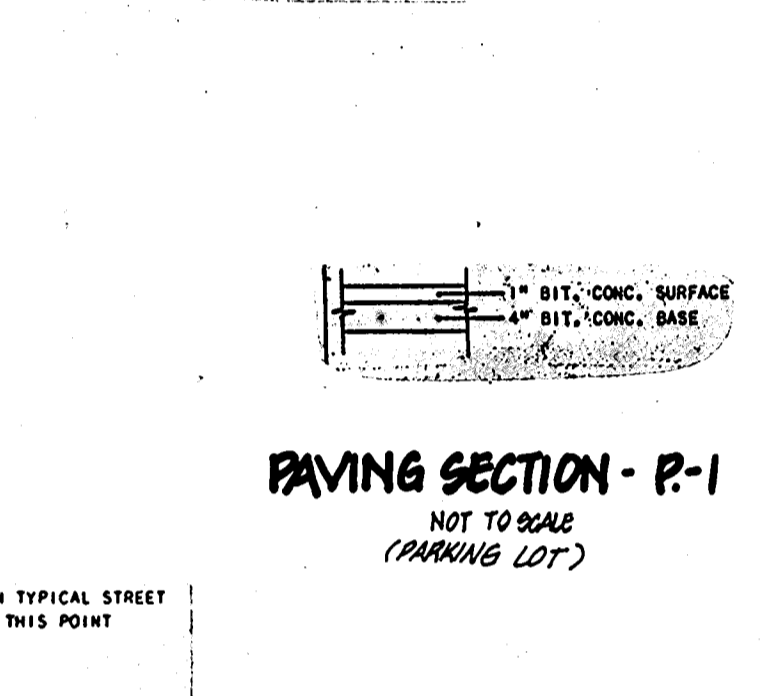
**S.H.A. TYPE 'A' CURB & GUTTER**  
NOT TO SCALE

**CONSTRUCTION SPECIFICATIONS**

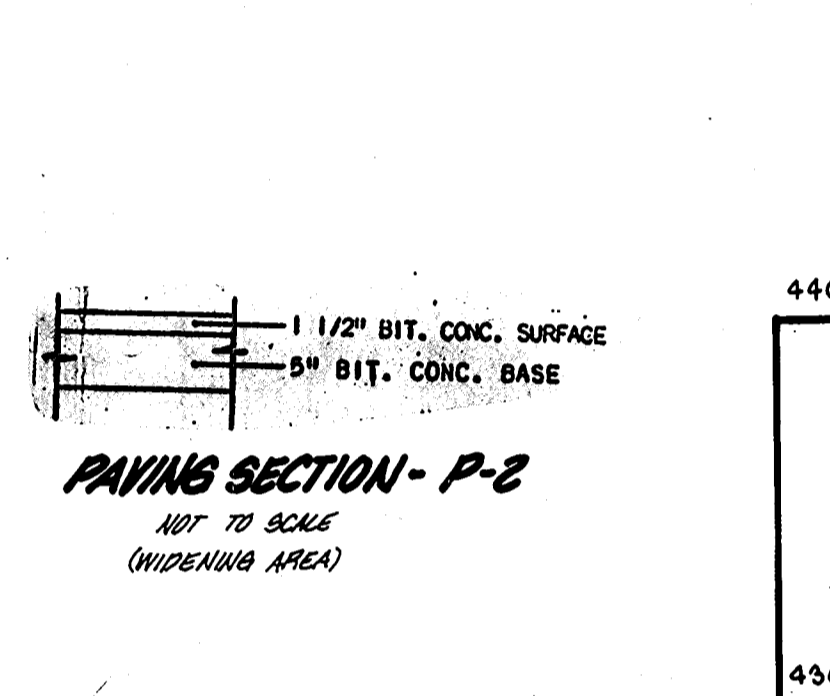
- Stone Size - Use 3" stone, or recycled or recycled concrete equivalent.
- Length - As required, but not less than 30 feet (except on a single rest-dance lot where a 20 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a single family residential 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 1:1 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 cleaning with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment applied, 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.



**S.T.O. 7" COMB. CURB AND GUTTER**  
NOT TO SCALE

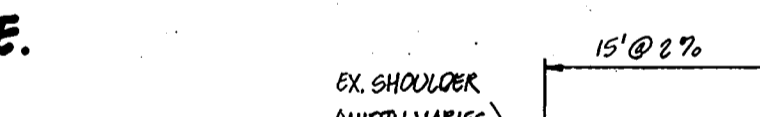


**PAVING SECTION - P-1**  
NOT TO SCALE (PARKING LOT)



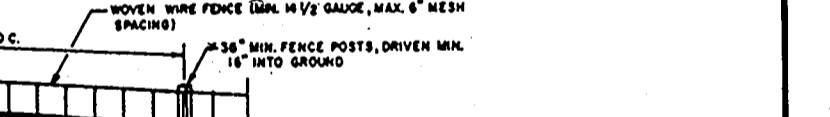
**PAVING SECTION - P-2**  
NOT TO SCALE (WIDENING AREA)

**STABILIZED CONSTRUCTION ENTRANCE - S.C.E.**  
NOT TO SCALE

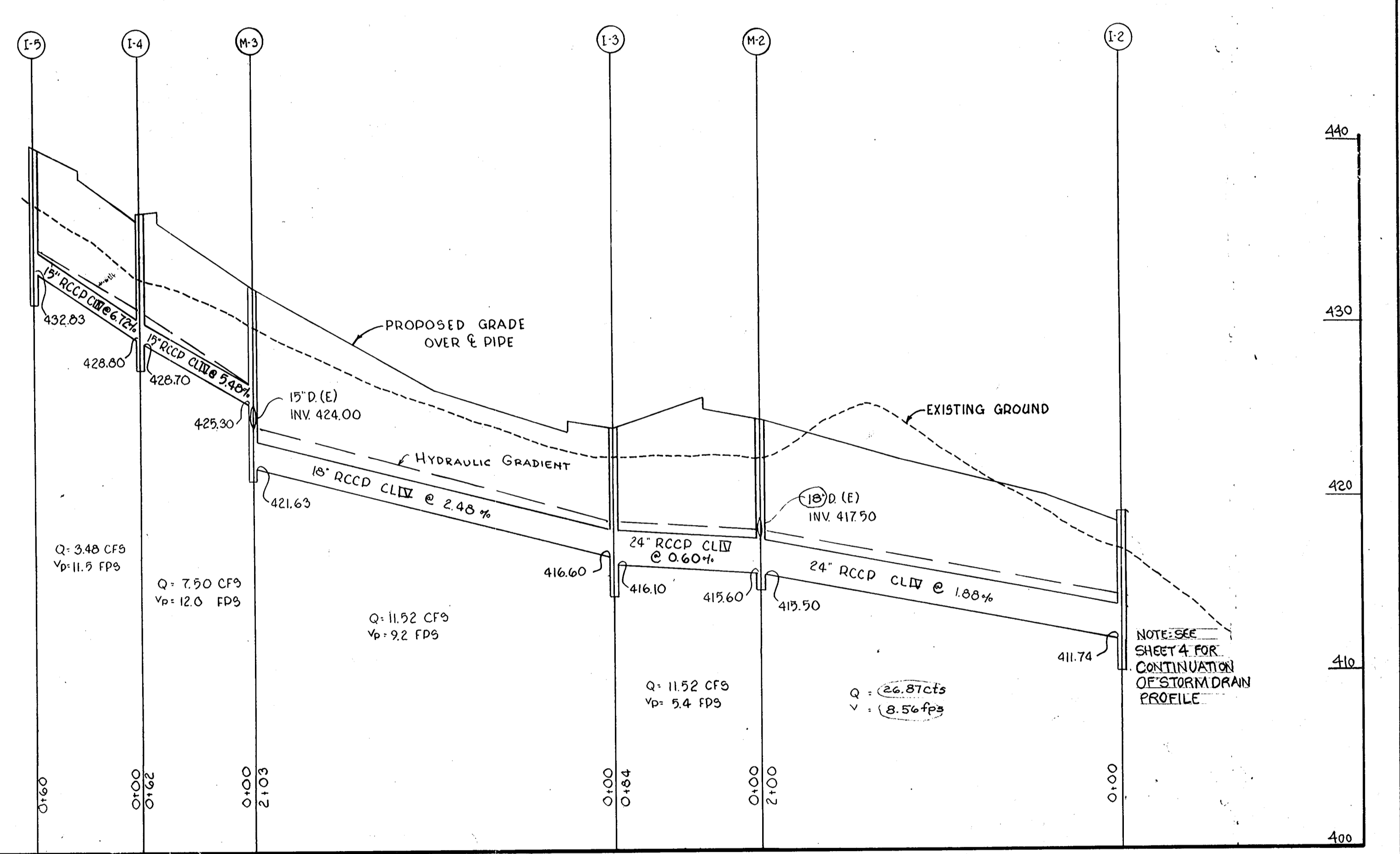


**TYPICAL SECTION: WIDENING ALONG U.S. RTE. 40**  
NOT TO SCALE

**M.S.H.A. PAVING SECTION**  
NOT TO SCALE



**SILT FENCE - S.F.**  
NOT TO SCALE



PROFILE  
SCALES: HORIZ: 1"=90'  
VERT: 1"=5'

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

*James M. Hahn* 5-20-86  
U.S. SOIL CONSERVATION SERVICE DATE

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

*Stephen L. Hahn* 5/20/86  
SOIL CONSERVATION DISTRICT DATE

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

*James E. Jones* 5-23-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

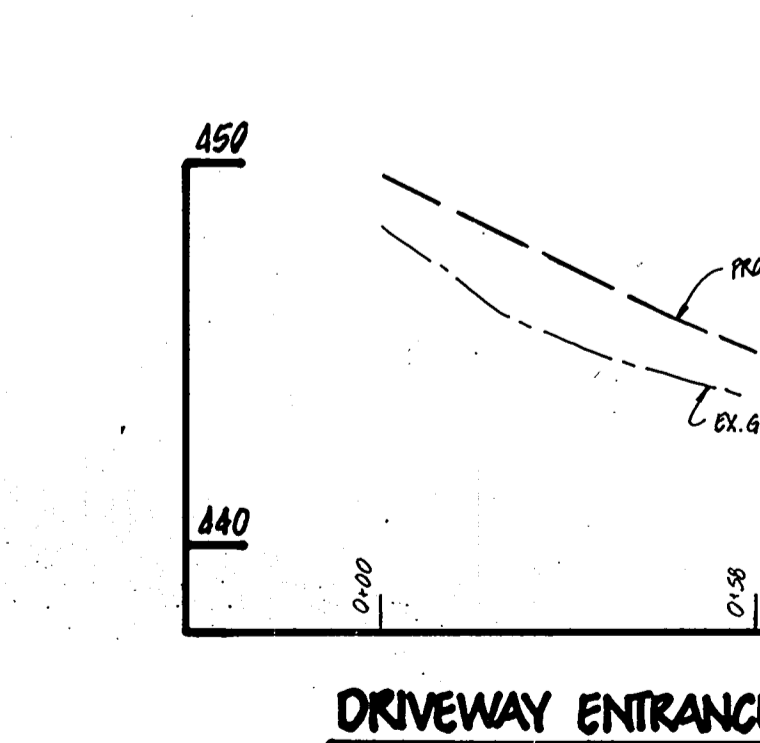
*Arthur J. Benschel* 5-23-86  
PLANNING DIRECTOR DATE

*John W. Hahn* 5-23-86  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

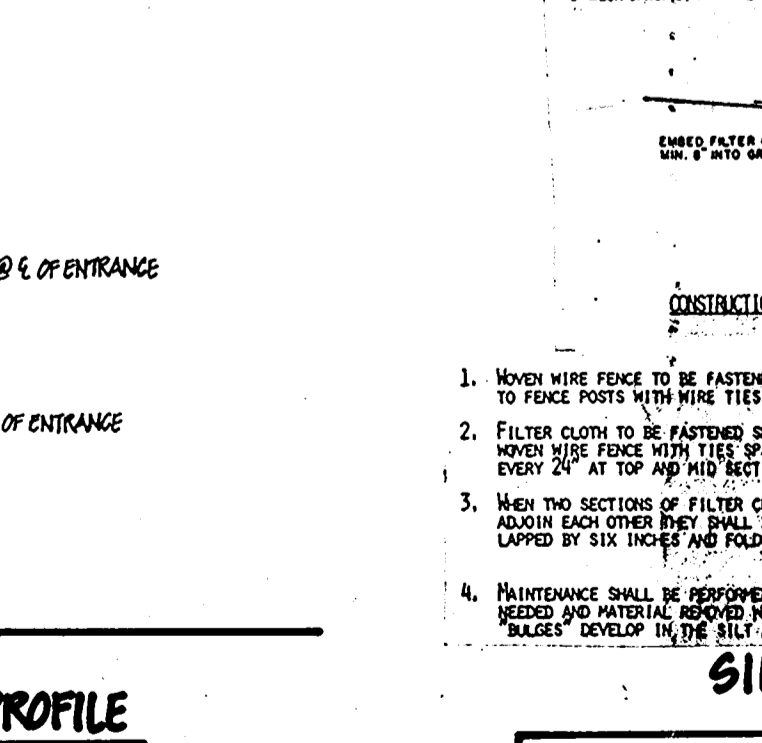
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

*Walter F. Wemyer* 5-22-86  
DIRECTOR DATE

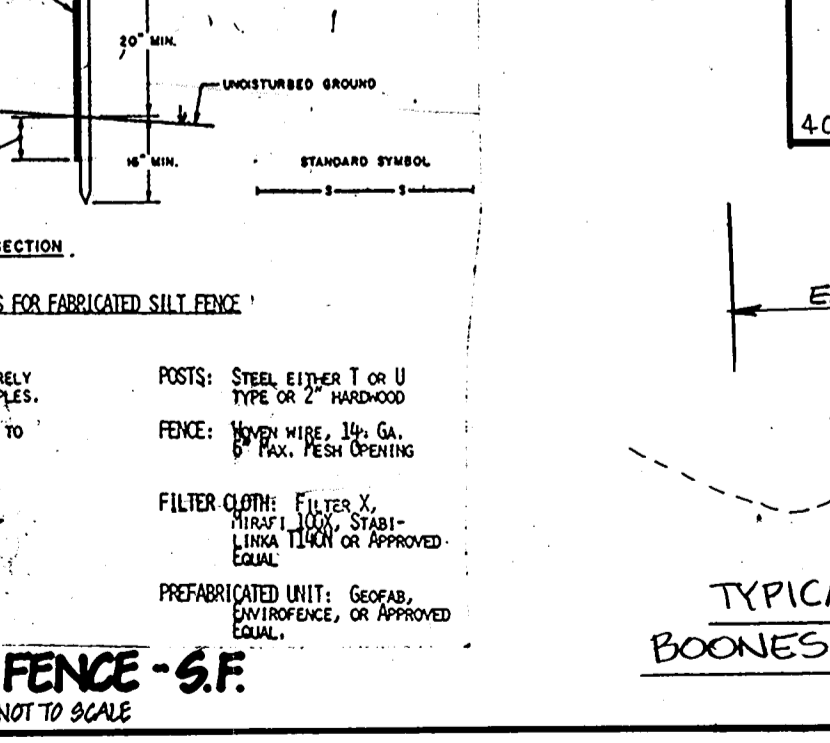
*Walter F. Wemyer* 5-22-86  
CHIEF, BUREAU OF ENGINEERING DATE



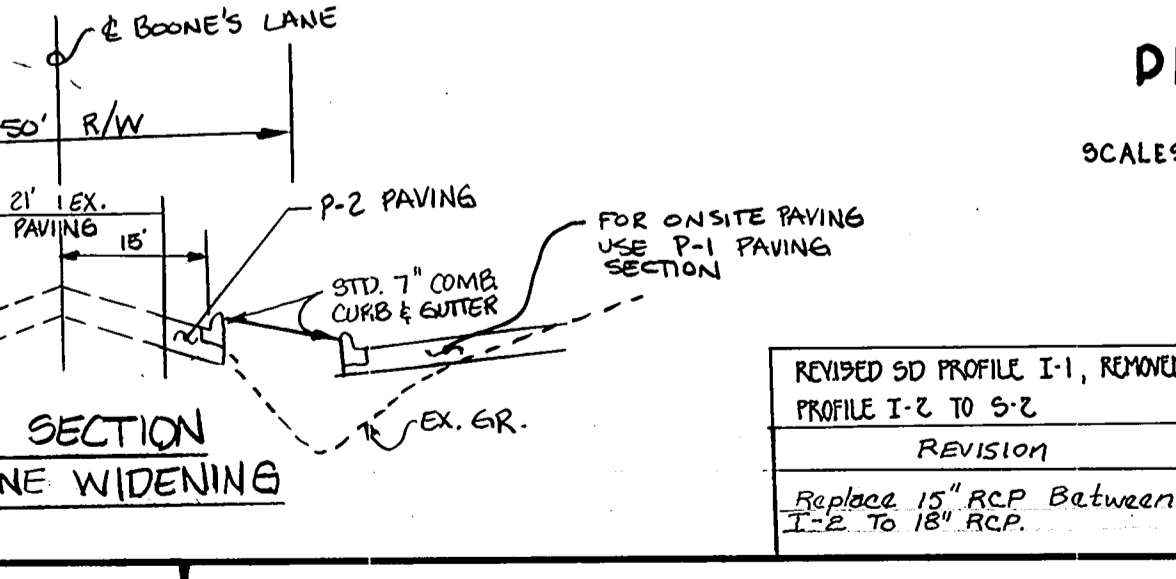
**DRIVEWAY ENTRANCE PROFILE**  
SCALE: HORIZ: 1"=30'  
VERT: 1"=5'



**TYPICAL SECTION: WIDENING ALONG U.S. RTE. 40**  
NOT TO SCALE



**SILT FENCE - S.F.**  
NOT TO SCALE



**TYPICAL SECTION BOONES LANE WIDENING**

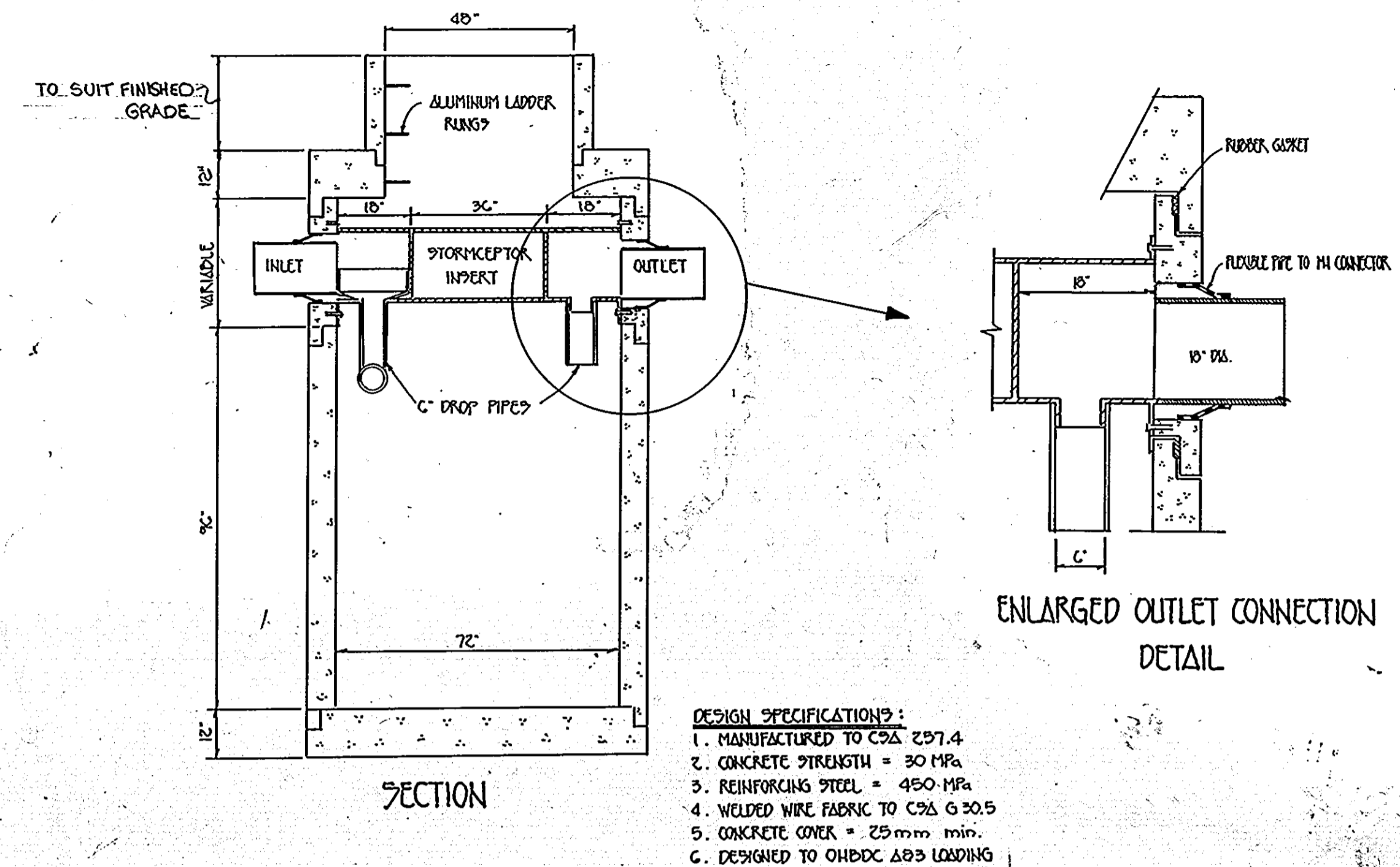
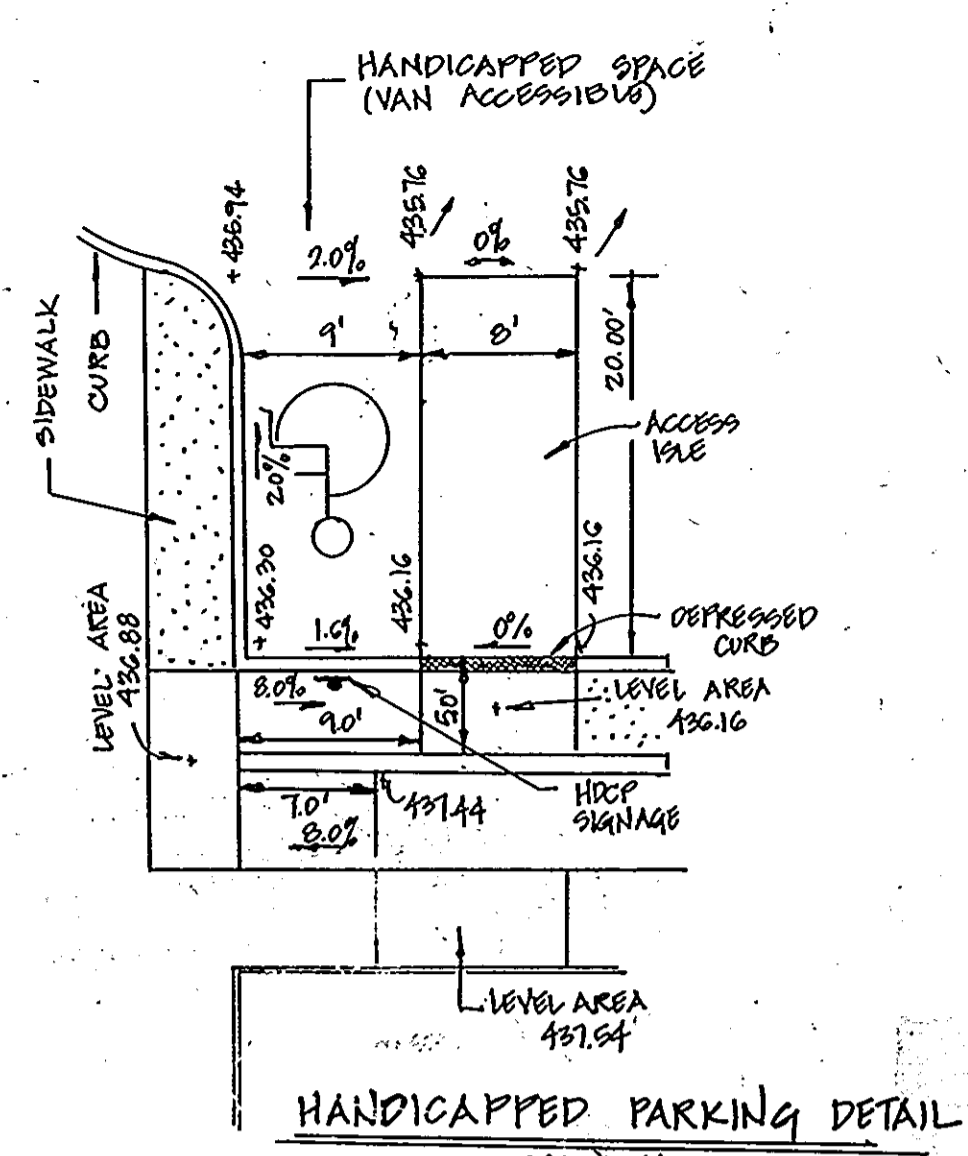
**REVISION**

|   |        |
|---|--------|
| REVISED SD PROFILE I-1, REVISED SD PROFILE I-2 TO I-2 | 3-7-95 |
| REVISION  | Date   |
| Replaced 15" RCP Between M-2 & I-2 TO 18" RCP.        | 9-8-88 |

**OWNER & DEVELOPER**  
CENTENNIAL GENERAL PARTNERSHIP  
1420 PENNYK LANE  
SILVER SPRING, MARYLAND 20910

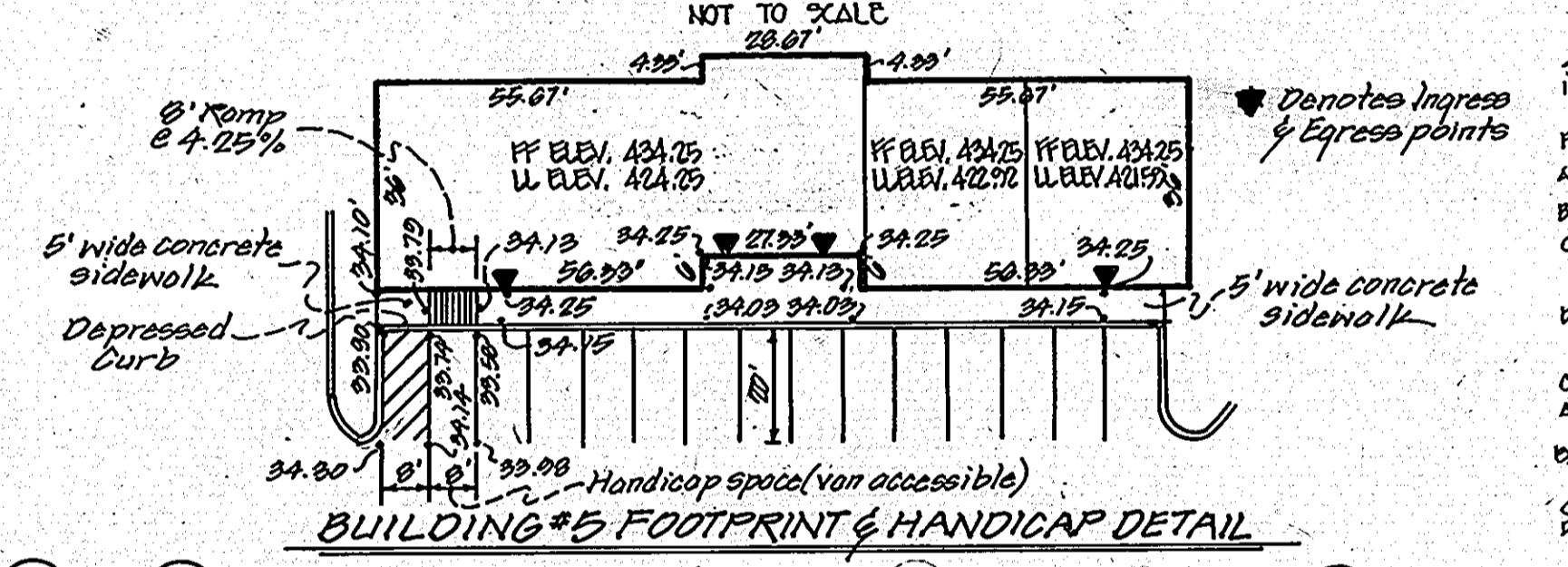
**OWNER & DEVELOPER**  
STANDARD MANAGEMENT  
1420 PENNYK LANE  
SILVER SPRING, MARYLAND 20910

| STRUCTURE SCHEDULE |                 |         |          |         |                 |
|--------------------|-----------------|---------|----------|---------|-----------------|
| NO.                | TYPE            | INV. IN | INV. OUT | TOP EL. | REMARKS         |
| I-2                | A-5             | 411.74  | 410.00   | 419.1   | 9T.DET. 9D-4.01 |
| I-3                | A-5             | 416.60  | 416.10   | 423.6   | 9T.DET. 9D-4.01 |
| I-4                | A-10 W/DEFL     | 428.80  | 428.70   | 436.0   | 9T.DET. 9D-4.02 |
| I-5                | A-5             |         | 432.80   | 439.8   | 9T.DET. 9D-4.01 |
| I-6                | A-5             | 424.42  | 431.6    | 431.6   | 9T.DET. 9D-4.01 |
| I-7                | A-5 W/DEFL      |         | 418.58   | 427.4   | 9T.DET. 9D-4.01 |
| M-2                | PRECAST MANHOLE | 415.60  | 415.50   | 424.5   | 9T.DET. G-5.12  |
| M-3                | PRECAST MANHOLE | 425.3   | 421.63   | 432.0   | 9T.DET. G-5.12  |
| 9-1                | TYPE C          | 403.64  | 403.39   | 407.25  | 9T.DET. 9D-5.21 |
| M-4                | PRECAST MANHOLE | 403.64  | 403.39   | 412.00  | 9T.DET. G-5.12  |
| M-6                | PRECAST MANHOLE | 404.99  | 404.74   | 412.00  | 9T.DET. G-5.12  |
| M-7                | PRECAST MANHOLE | 409.55  | 407.24   | 415.20  | 9T.DET. G-5.12  |
| I-1                | A-5             | 404.31  | 404.10   | 410.58  | 9T.DET. 9D-4.01 |

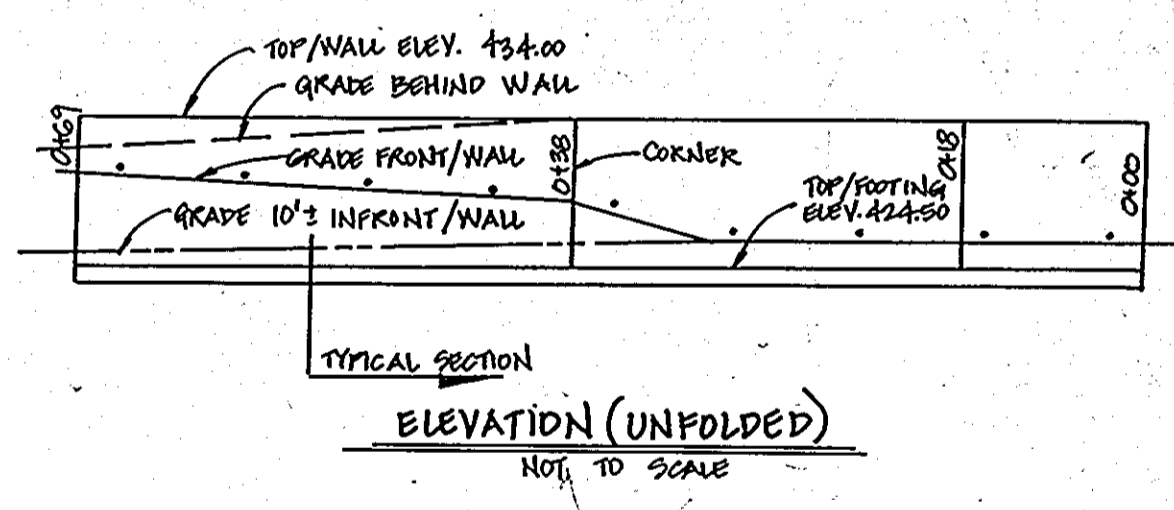
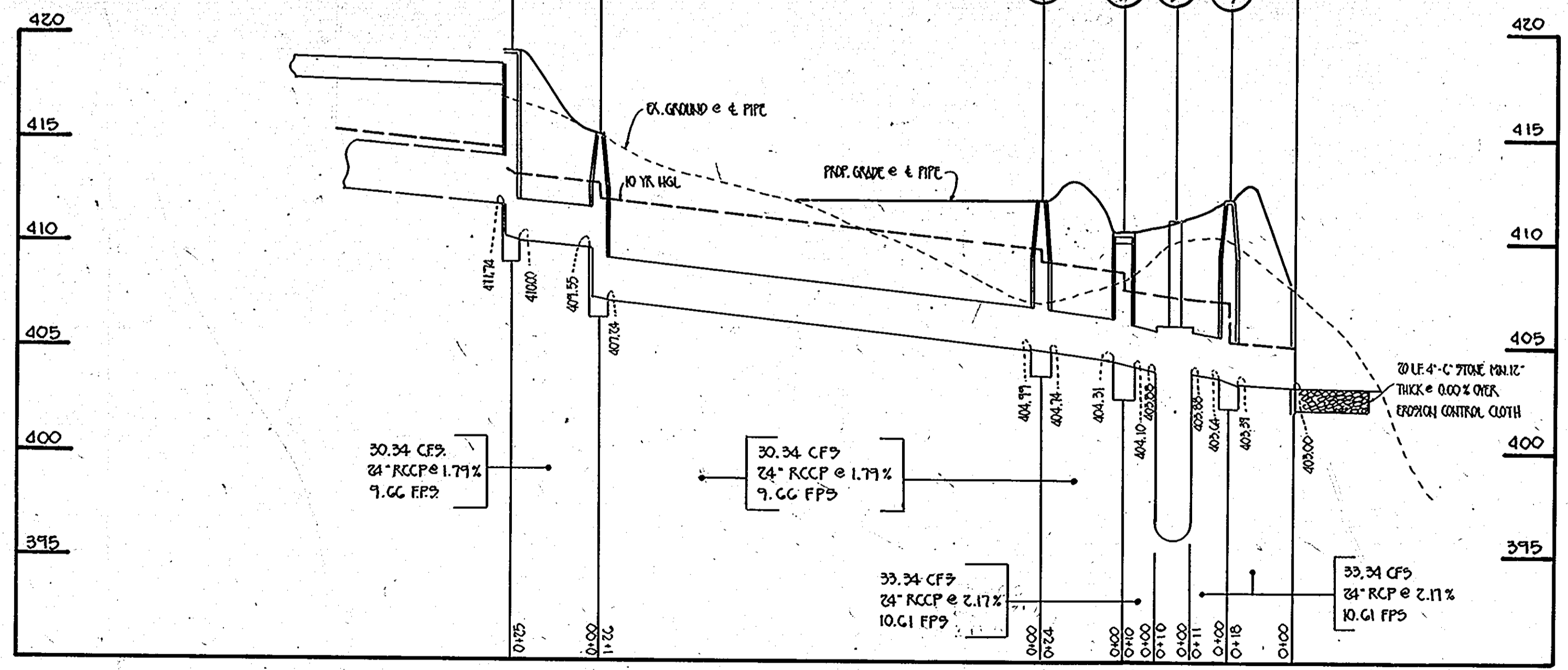
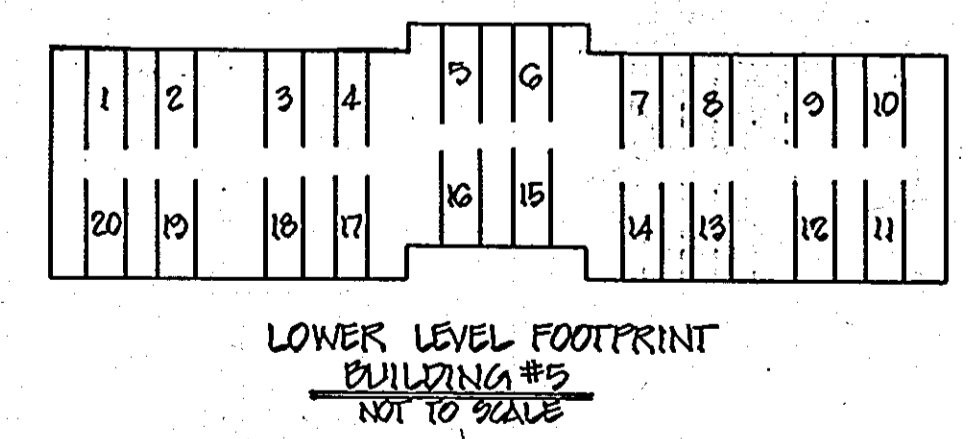
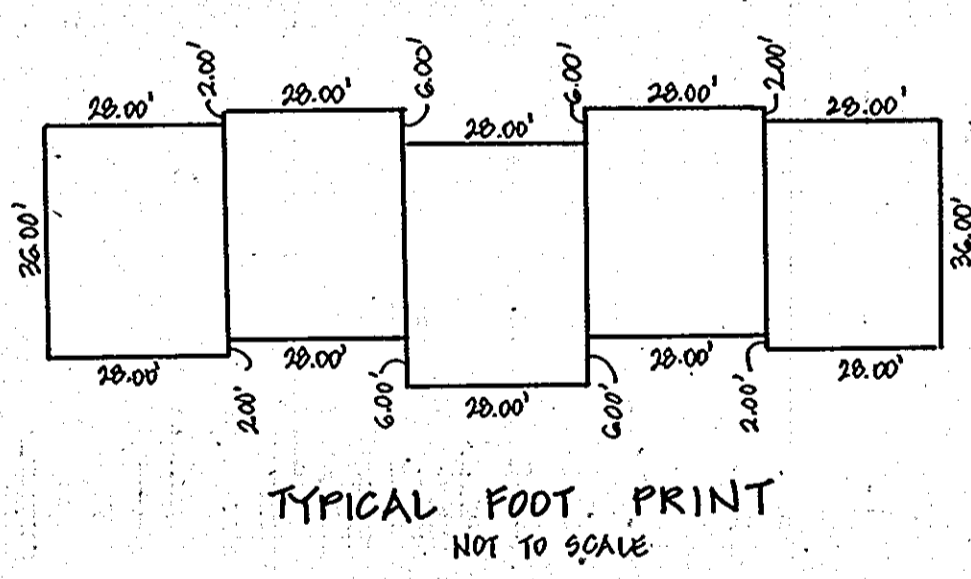
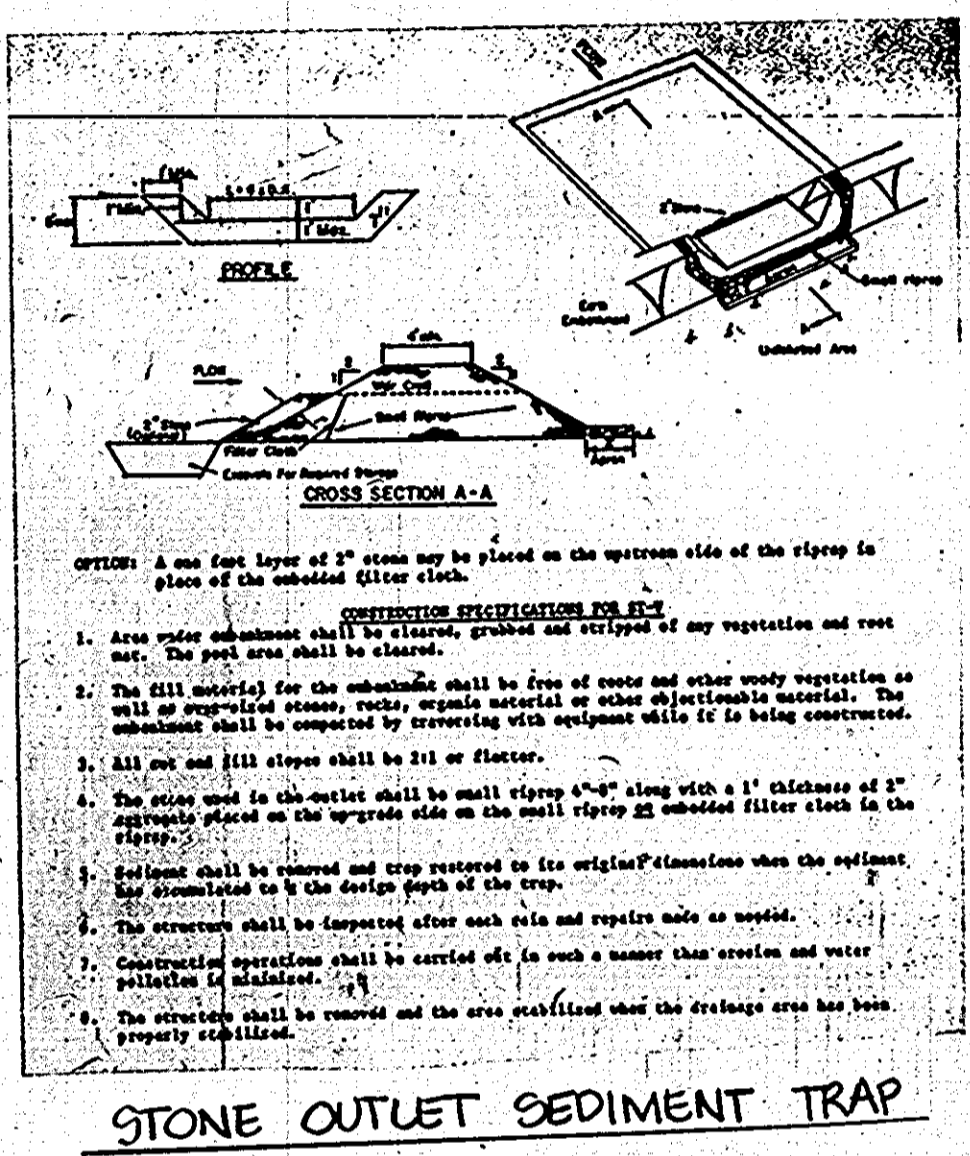
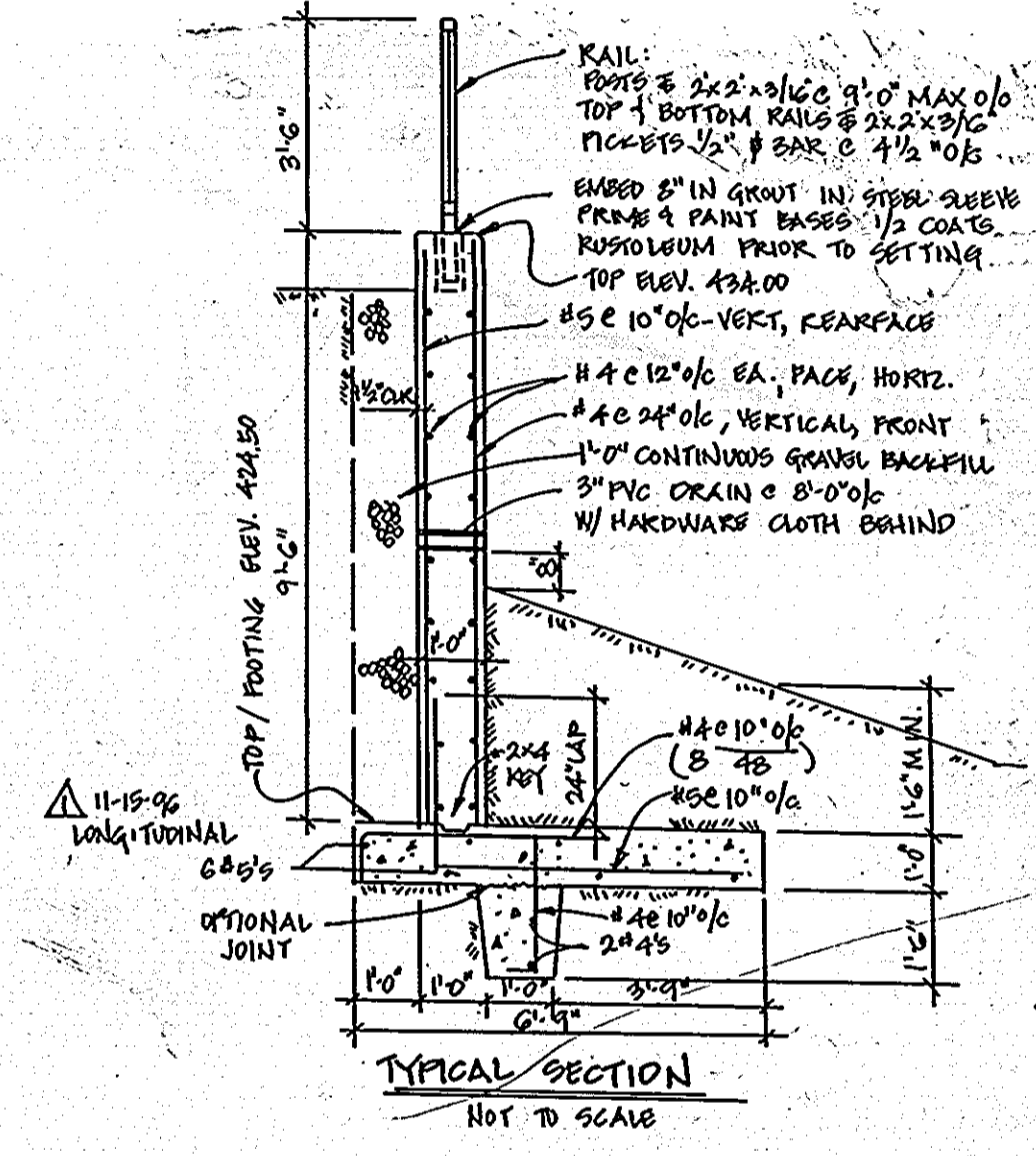


- DESIGN SPECIFICATIONS:**
1. MANUFACTURED TO CSA 257.4
  2. CONCRETE STRENGTH = 30 MPa
  3. REINFORCING STEEL = 450 MPa
  4. WELDED WIRE FABRIC TO CSA G30.5
  5. CONCRETE COVER = 25 mm min.
  6. DESIGNED TO OHDDC 203 LOADING

**STC 1500 PRECAST CONCRETE STORMCEPTOR**



- STRUCTURAL NOTES**
1. FOUNDATIONS ARE DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 2000 PSF.
  2. BOTTOM OF FOOTINGS SHALL BE 2" MIN. BELOW FINISH GRADE AND 1" MIN. INTO ORIGINAL SOIL.
  3. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A REGISTERED ENGINEER TO MONITOR PILE OPERATION AND TO INSPECT AND CERTIFY THE BEARING CAPACITY OF THE SOIL PRIOR TO PILING FOOTINGS.
  4. ALL LAYERS AND COMPACTED WITH APPROPRIATE EQUIPMENT.



REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS  
*Robert M. Hester* 5-20-86  
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Stephen L. Hester* 5/20/86  
SOIL CONSERVATION DISTRICT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*Joyce M. Byles* 5-23-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.  
*John W. Murchison* 5-23-86  
PLANNING DIRECTOR DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
*John F. Neuman* 5-23-86  
DIRECTOR DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
*John F. Neuman* 5-23-86  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 4-7-86  
*John F. Neuman*



**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER *Walter Dvorak* DATE 5-8-86

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

DEVELOPER *John F. Neuman* DATE 12/14/85

| REVISION  | DATE    |
|---|---------|
| ADD PROFILE FOR I-2 TO 9-1, REVISED STRUCTURE SCHEDULE. | 3-7-95  |
| ADD THE SECTION DETAILS & ELEV. & NEW PAVING LAYOUT.    | 1-16-97 |

**OWNERS & DEVELOPER**

CENTENNIAL GENERAL PARTNERSHIP  
140 PENNAC LANE  
SILVER SPRING, MARYLAND 20910  
Earl Collins, Et Al  
10712 Baltimore National Pike  
Ellicott City, Maryland 21042

BOENDER ASSOCIATES, INC.  
consulting engineers  
land surveyors  
land planners

COURTHOUSE SQUARE  
3555 ELLICOTT HILLS DRIVE  
ELLICOTT CITY, MD. 21043  
1301 465-7777