

**PAVING**

1. ALL PAVING SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE MARYLAND STATE DEPARTMENT OF TRANSPORTATION (MD SHA) AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS (MDSAP).

2. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY LOCATIONS AND SHALL BE RESPONSIBLE FOR ANY REPAIRS REQUIRED.

3. THE CONTRACTOR SHALL NOTIFY MD & E AND THE STATE DEPARTMENT OF TRANSPORTATION (MD SHA) AT LEAST 10 BUSINESS DAYS PRIOR TO STARTING WORK ON THIS PROJECT AND SHALL COLLECT MISS UTILITY 1-559-61001.

4. ALL PROPOSED CURB WITHIN THE STATE RIGHT OF WAY SHALL BE MD SHA TYPE 'A' CURB WITH A 12" SUTTER.

5. THE TYPICAL PAVING SECTION SHALL BE AS SHOWN ON THIS PLAN.

**GENERAL NOTES**

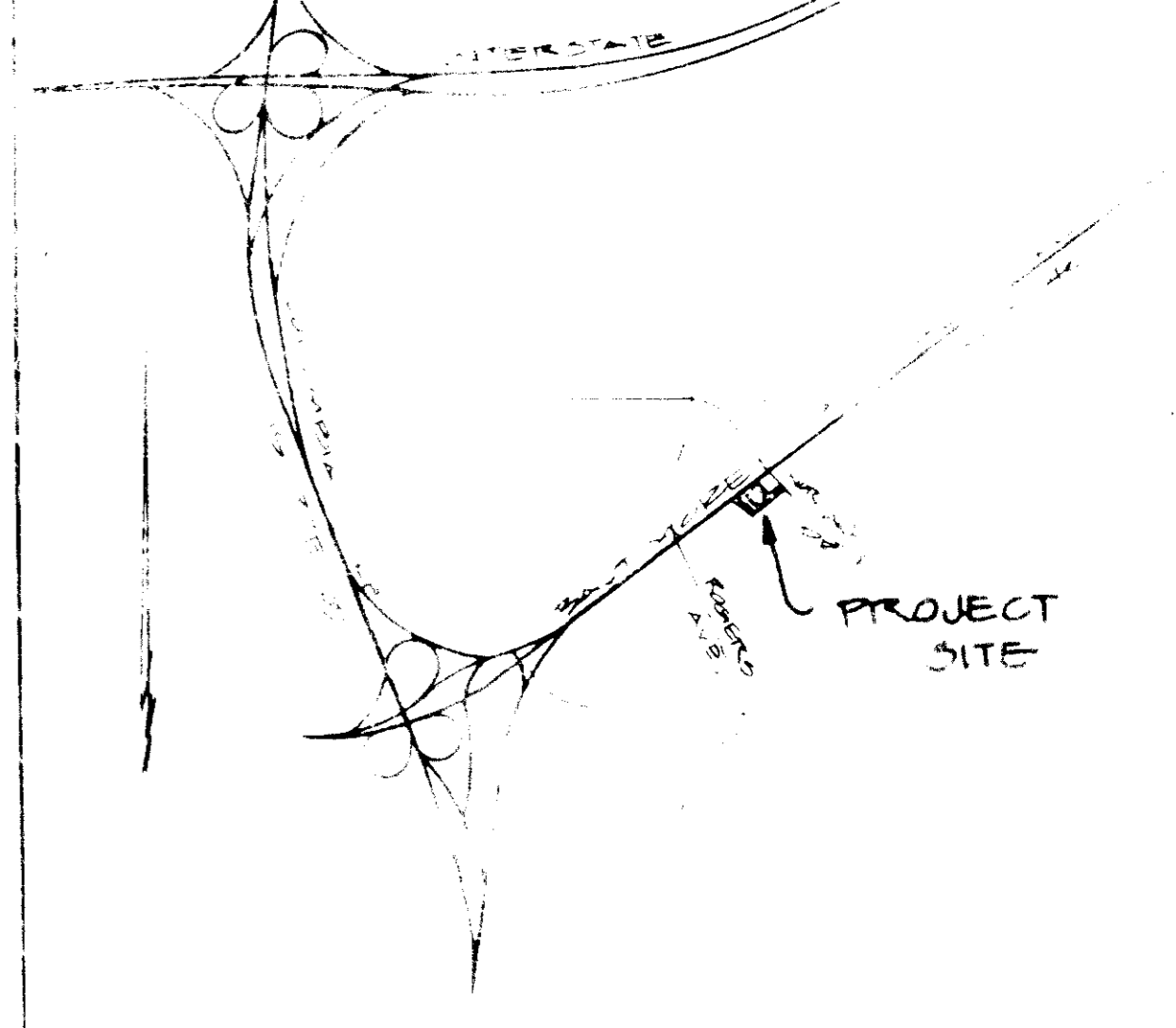
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MARYLAND STATE DEPARTMENT OF TRANSPORTATION (MD SHA) AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS (MDSAP).

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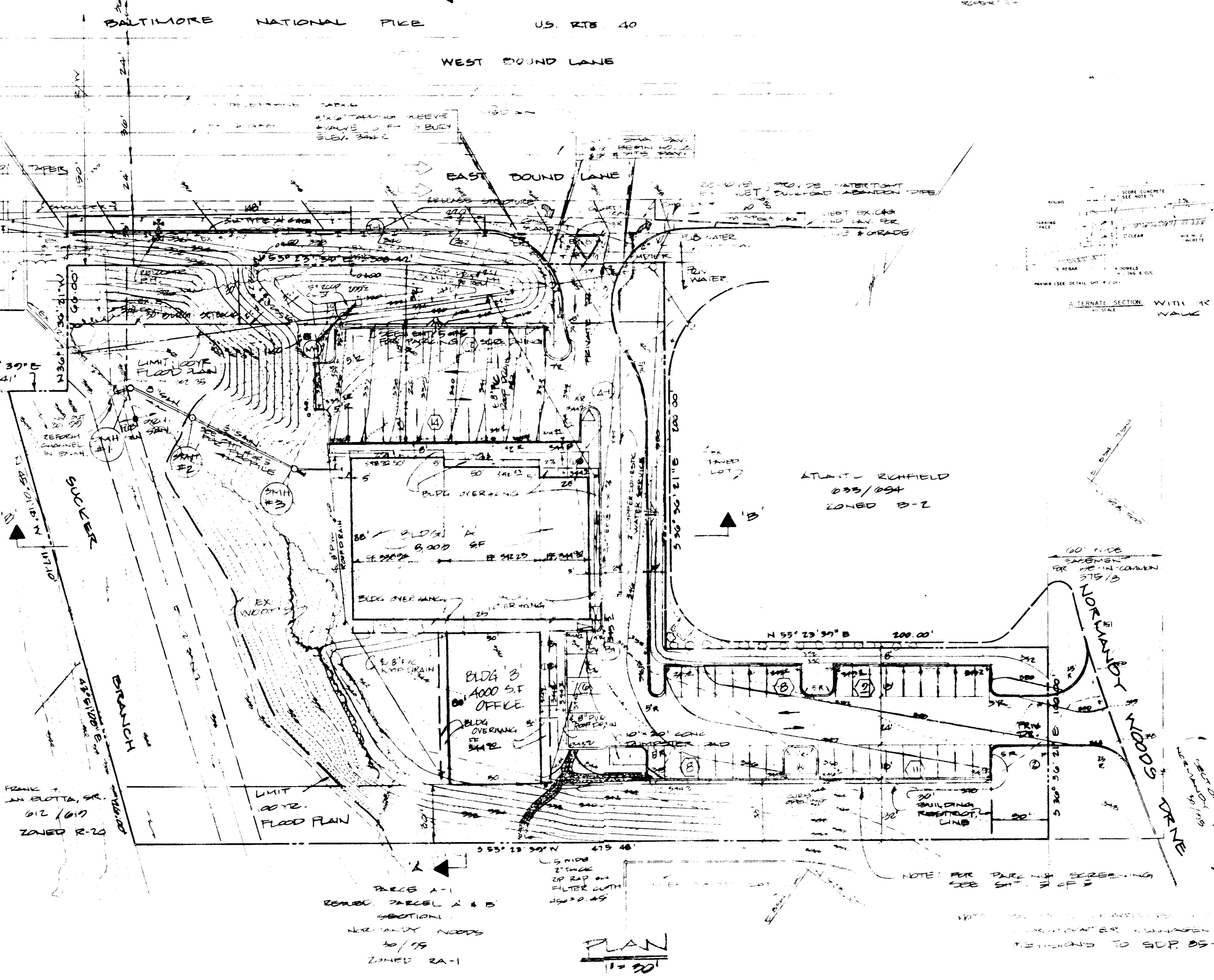
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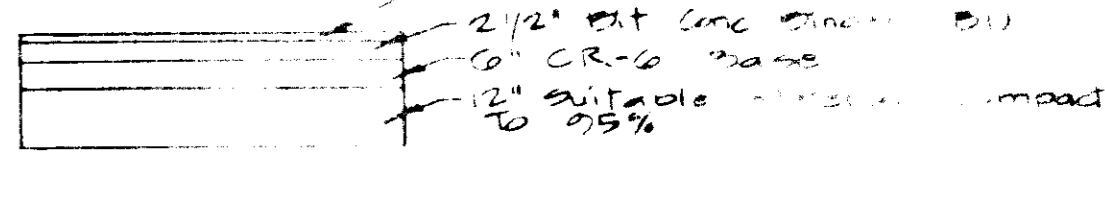
**VICINITY MAP**  
1" = 2000'

2A.  $3.58 \times 27 = 0.3248$   
 $1.508 \times 5.0 = 0.50$   
 2B.  $0.50 + 0.3248 = 0.8248$   
 WATER SLOPE = 4.09%  
 STORM SLOPE = 3.0%  
 DEPTH OF FLOW = 18"  
 SPREAD = 5.2'

**APPROVED**  
**DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION**  
**HOWARD COUNTY**  
**DATE 12-12-85**  
*M. J. ...*



- LEGEND**
- INDICATES MTD / CURB / DRAINAGE
  - INDICATES MONOLITHIC CURB
  - INDICATES EX. GROUND
  - INDICATES PROP. GRADES
  - INDICATES EX. STORM DRAIN
  - INDICATES PROP. STORM DRAIN
  - INDICATES EX. PUBLIC WATER
  - INDICATES EX. SEWER
  - INDICATES PROP. SEWER
  - INDICATES EX. FIRE HYDRANT
  - INDICATES PROP. FIRE HYDRANT
  - INDICATES SIGN
  - INDICATES TRAVELING SECTION WITH OR WITHOUT WALK
  - INDICATES EXTERIOR REFLECTION POOL
  - INDICATES EXTERIOR REFLECTION POOL ON SITE
  - INDICATES EXTERIOR REFLECTION POOL OFF SITE



**SITE DATA**

TOTAL AREA OF SITE = 2,576 ACRES  
 TOTAL FLOOR AREA = 4,125 SF  
 3,200 SF TOTAL  
 6,125 SF OFFICE  
 PARKING REQUIRED = 8,000 (1,200 x 40) + 0.25 (3,200 / 120) = 8,000 (33 GROUPS)

PARKING PROVIDED = 66 (33 @ 200 + 33 @ 200)

EXISTING ZONING = B-2  
 EXISTING USE = VACANT  
 PROPOSED USE = OFFICE / RETAIL  
 FLOOR AREA RATIO = 0.32 / 2.576 = 12.42%  
 OPEN SPACE = 44 AC @ 67,183 SF PER AC = 2,980,000 SF  
 BLDG. COVER. = 25,750 SF = 22.14%  
 MAXIMUM NUMBER OF OFFICE EMPLOYEES = 30  
 AREA OF PARKING LOT = 28,850 SF  
 AREA AND PERCENTAGE OF LANDSCAPE = 10%  
 WITHIN PARKING LOT 445 SF = 1.5%

**ADDRESS CHART**

| BLDG. NUMBER  | STREET ADDRESS               |
|---------------|------------------------------|
| A (10,125 SF) | 8825 BALTIMORE NATIONAL PIKE |
| B (3,200 SF)  | 8825 BALTIMORE NATIONAL PIKE |
| C (6,125 SF)  | 8825 BALTIMORE NATIONAL PIKE |

**APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM**  
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *John Boyle* DATE: 1-7-86

**APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING**

PLANNING DIRECTOR: *John L. ...* DATE: 1-9-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

*William R. Sudeck* DATE: 1-8-86

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

DIRECTOR: *John F. ...* DATE: 1-2-86

CHIEF, BUREAU OF ENGINEERING: *John ...* DATE: 1-2-86

**HOWARD SOIL CONSERVATION DISTRICT**

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

APPROVED: *Stephen L. ...* DATE: 12-31-85  
 HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS

SIGNATURE: *Thomas M. ...* DATE: 12/31/85  
 THE UNITED STATES SOIL CONSERVATION SERVICE

**WILLIAM R. SUDECK & ASSOCIATES, INC**  
 Consulting Engineers & Land Surveyors

112 South Main Street • Bel Air, Maryland 21014

301-879-4333 301-838-5833

**ENGINEER'S CERTIFICATE**

I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District.

*William R. Sudeck* 4874 12/24/85

**OWNER - DEVELOPER**  
 V. J. L. & F. R. L. JR. PARTNERSHIP

P.O. BOX 477  
 ELLICOTT CITY  
 MARYLAND  
 465-8800

**DEVELOPER'S CERTIFICATE**

I certify that all development 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 also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

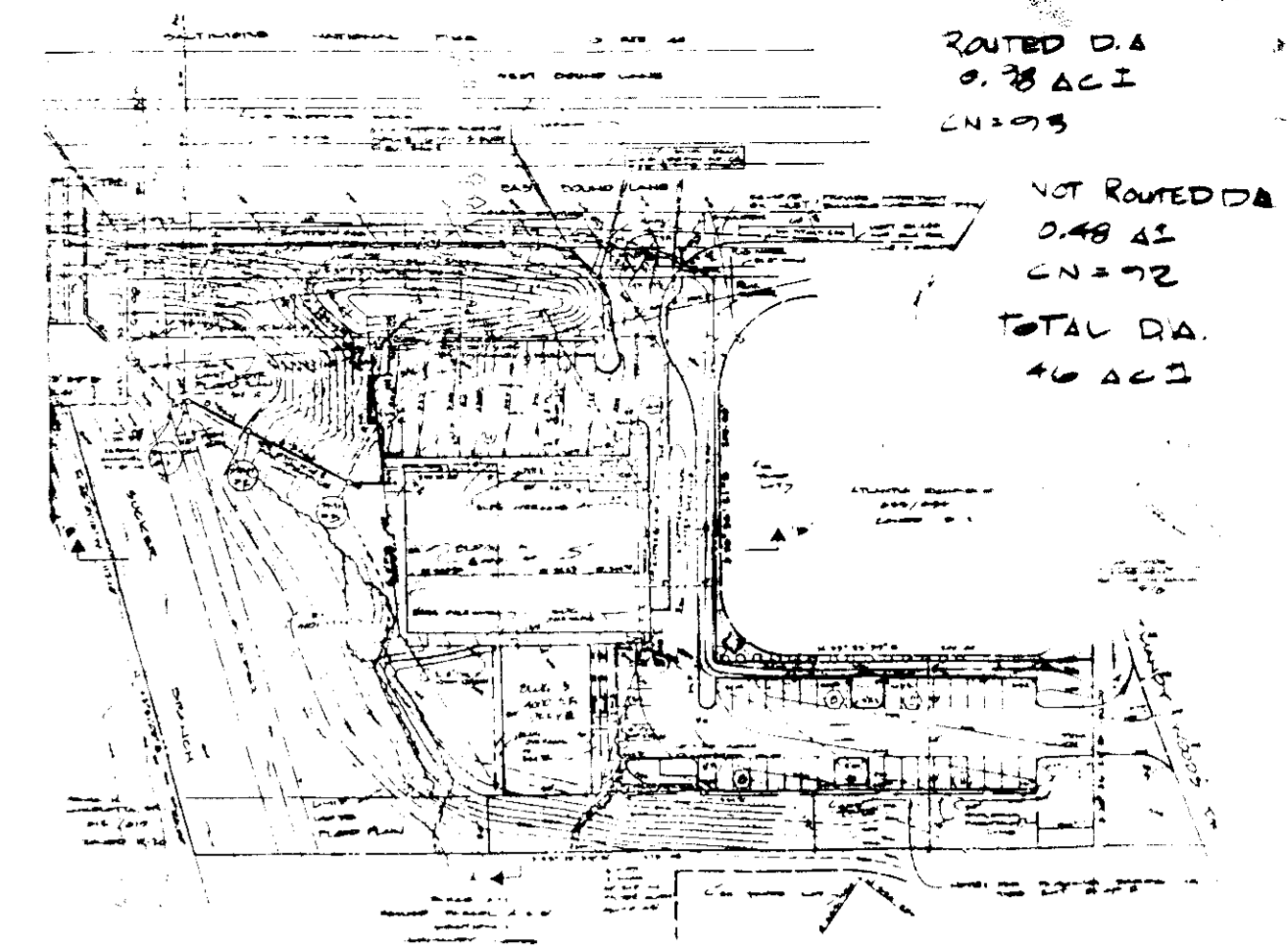
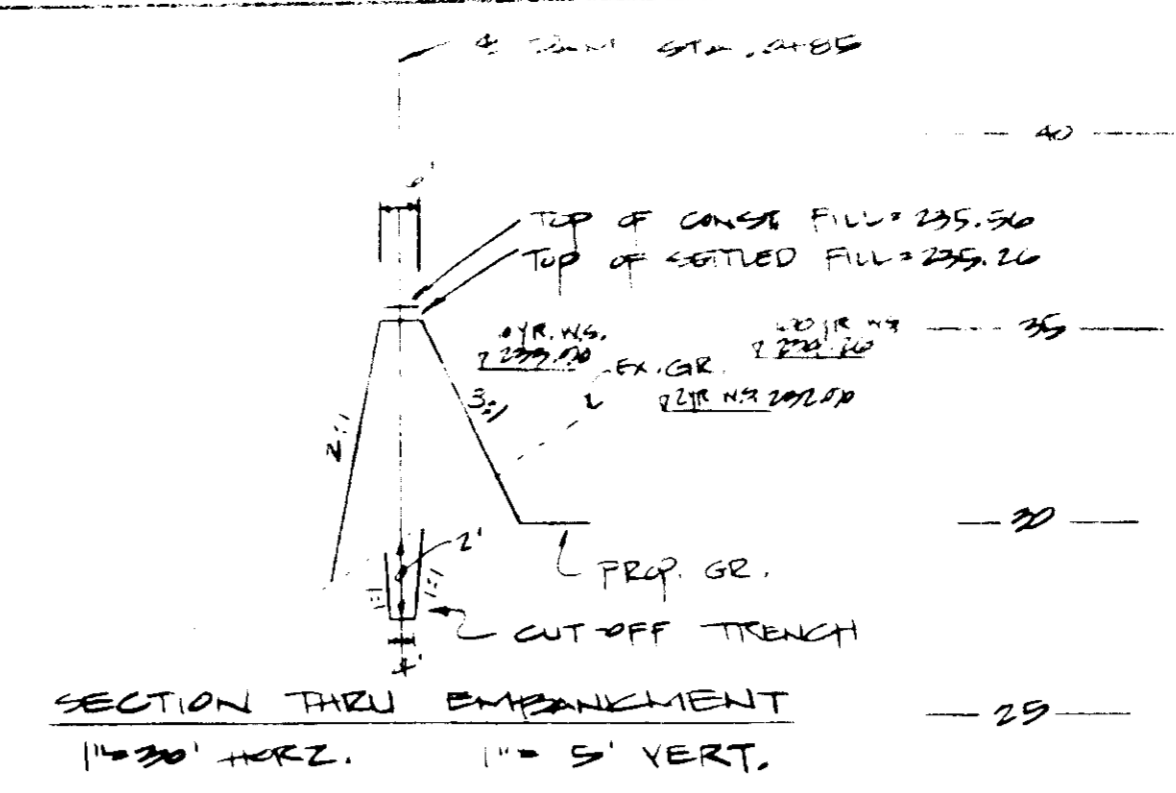
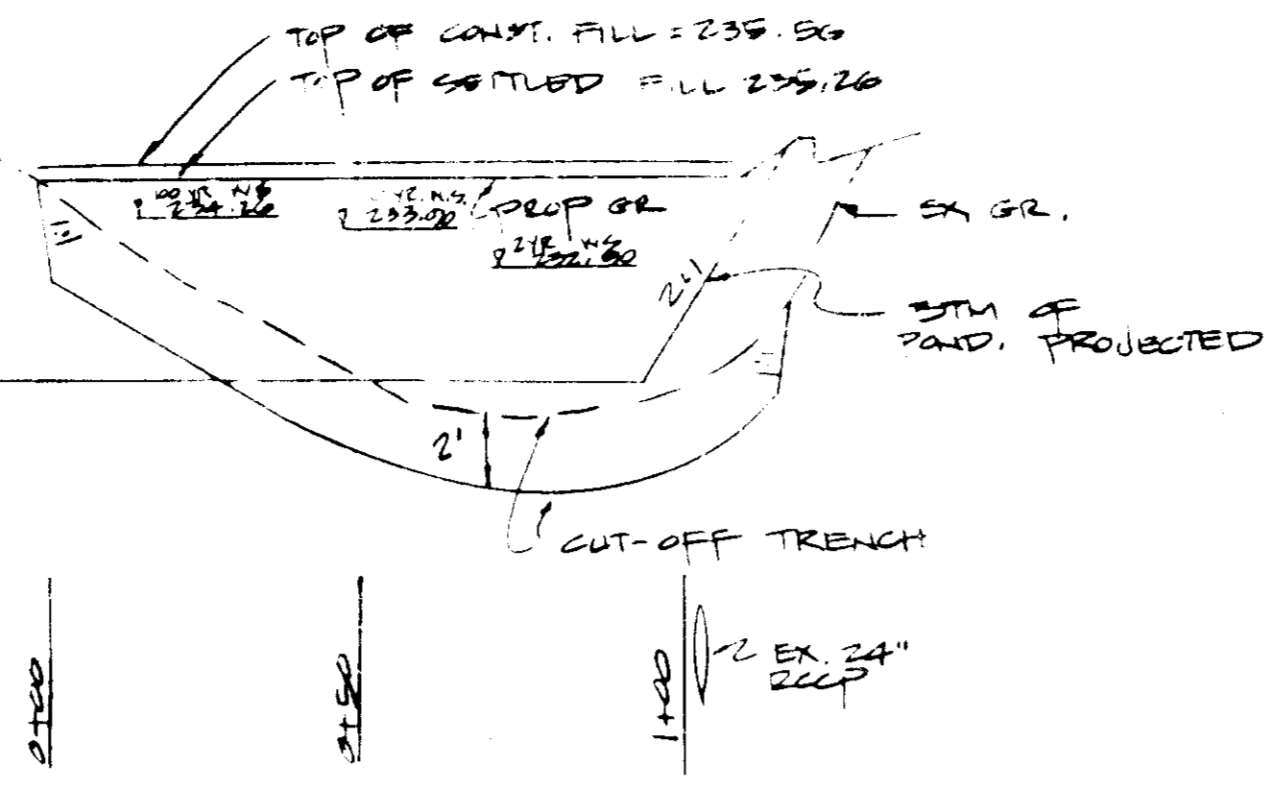
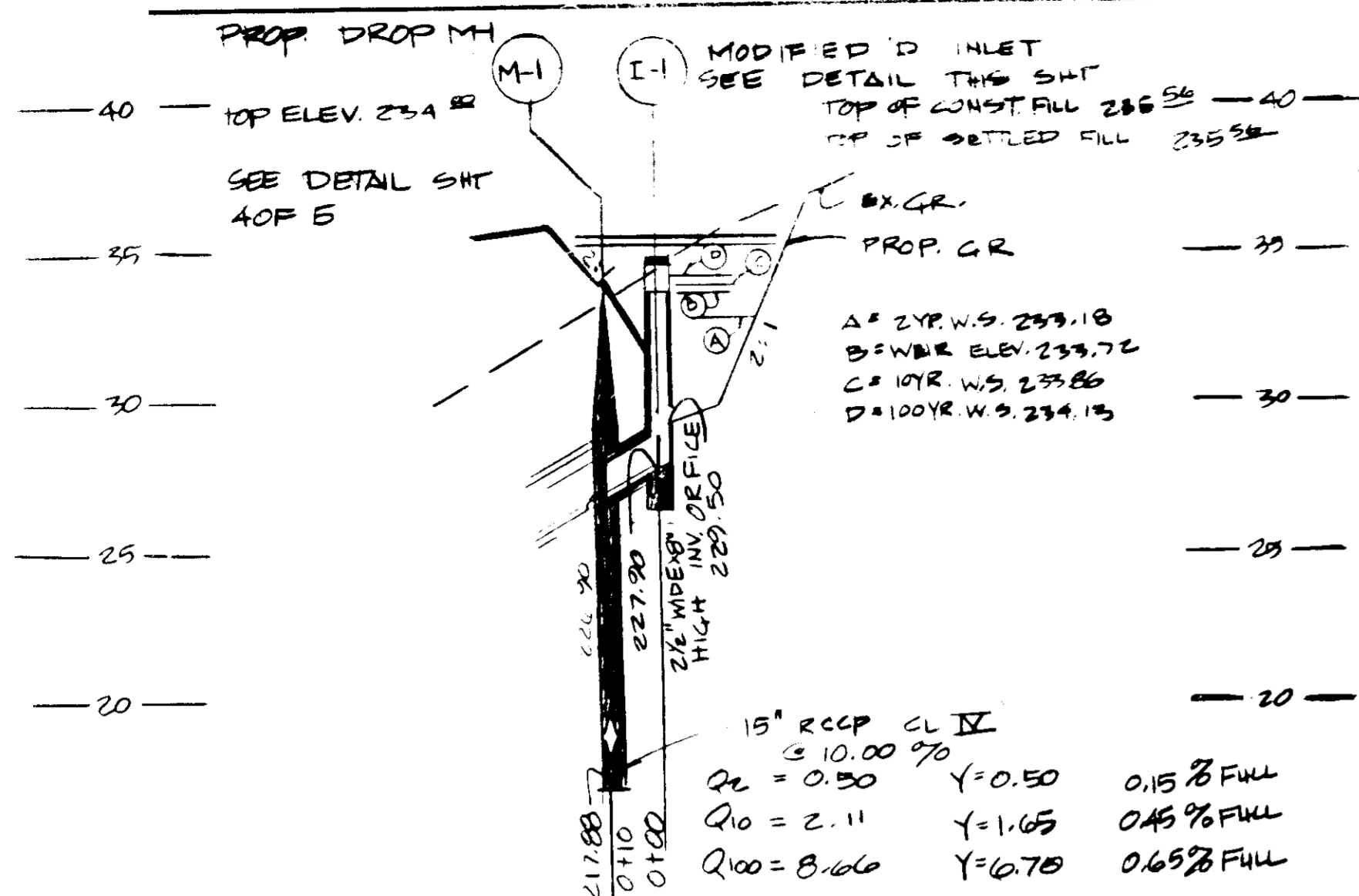
*William R. Sudeck* 4874 12/24/85

**SITE PLAN**

FOR  
**PROPOSED OFFICE & RETAIL CENTER**  
 8827 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MARYLAND

ELECT. DIST. # 2  
 APRIL 30, 1986

SDP-86-127

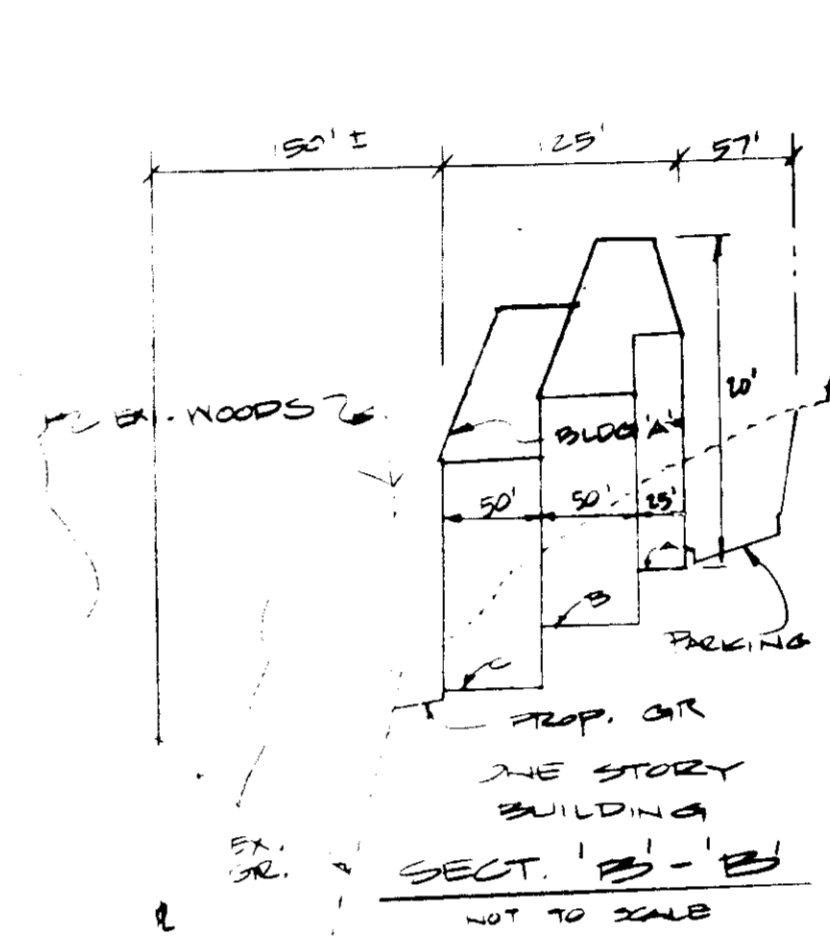
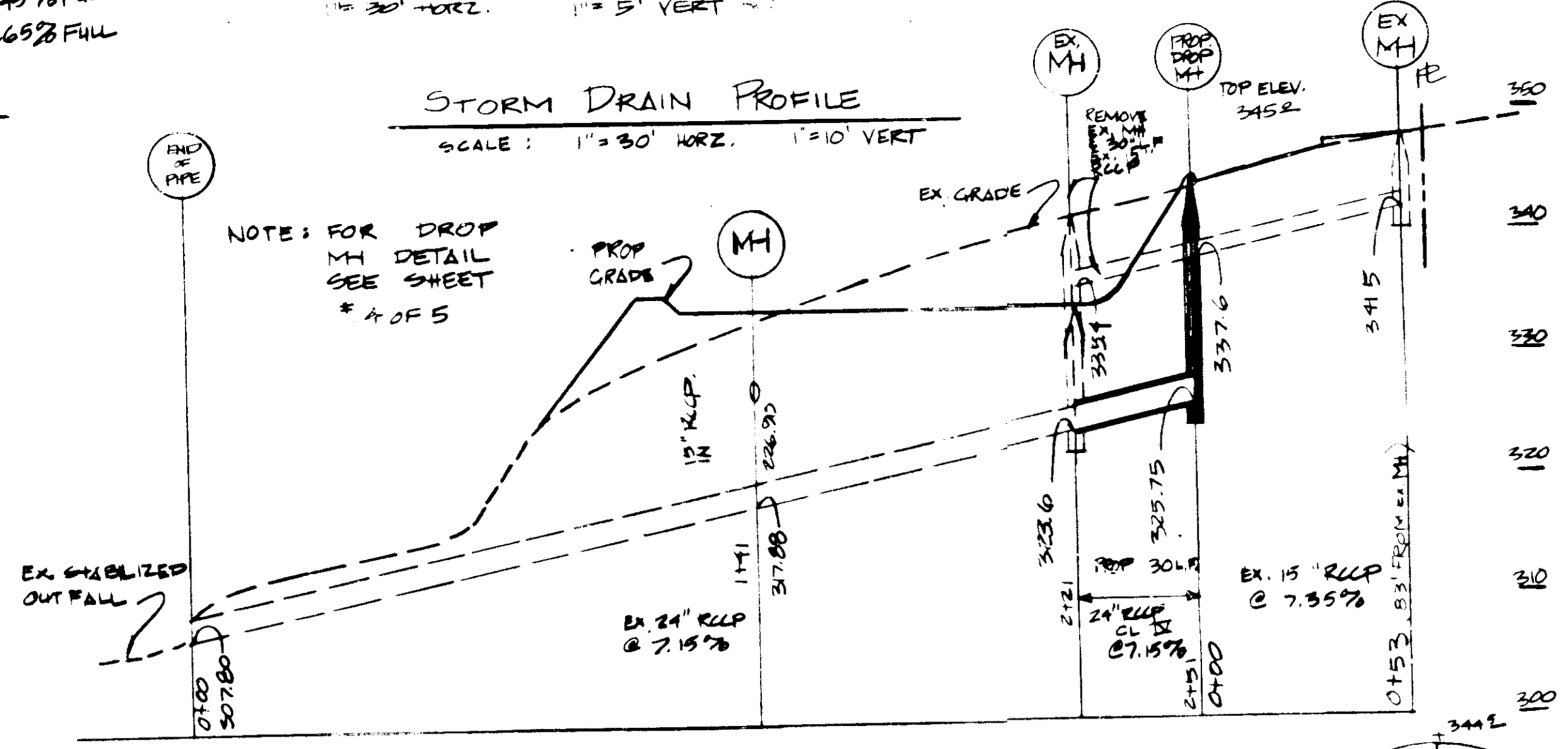


SECTION THRU PRINCIPAL SPILLWAY  
1" = 30' HORIZ. 1" = 5' VERT.

SECTION ALONG & DAM  
1" = 30' HORIZ. 1" = 5' VERT.

SECTION THRU EMBANKMENT  
1" = 30' HORIZ. 1" = 5' VERT.

STORMWATER MANAGEMENT DRAINAGE AREA MAP  
1" = 100'



**\$50 FINE**

IF MOUNTED ON BLDG HEIGHT SHALL BE 6'-6" & 6'-0"

**RESERVED PARKING**

**STOP**

1" = 100'

STORMWATER MANAGEMENT MAINTENANCE SCHEDULE

| MAINTENANCE ITEM      | 1 | 2  | 3 | 4 | 5 | 6 |
|-----------------------|---|----|---|---|---|---|
| MAINTENANCE FREQUENCY | 0 | 7  | 8 | 8 | 7 | 0 |
| ESTIM. DURATION *     | 0 | 10 | 0 | 0 | 0 | 0 |

1. CLEAN-OUT SLOTTED  
2. CHECK COFFER & WIRE SLOTTING  
3. CHECK GROUND STABILIZATION  
4. CHECK GROUND STABILIZATION  
5. CHECK STORMWATER SECURITY  
6. CHECK STORMWATER SECURITY  
7. CHECK STORMWATER SECURITY  
8. CHECK STORMWATER SECURITY  
9. CHECK STORMWATER SECURITY  
10. CHECK STORMWATER SECURITY

\* ALL MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER  
\* INSPECT ALL ABOVE ITEMS  
\* REPAIR AS REQUIRED

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 12-12-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *[Signature]* DATE: 1-7-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR: *[Signature]* DATE: 1-9-86  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

*[Signature]* DATE: 1-8-86

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

DIRECTOR: *[Signature]* DATE: 1-2-86

CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 1-2-86

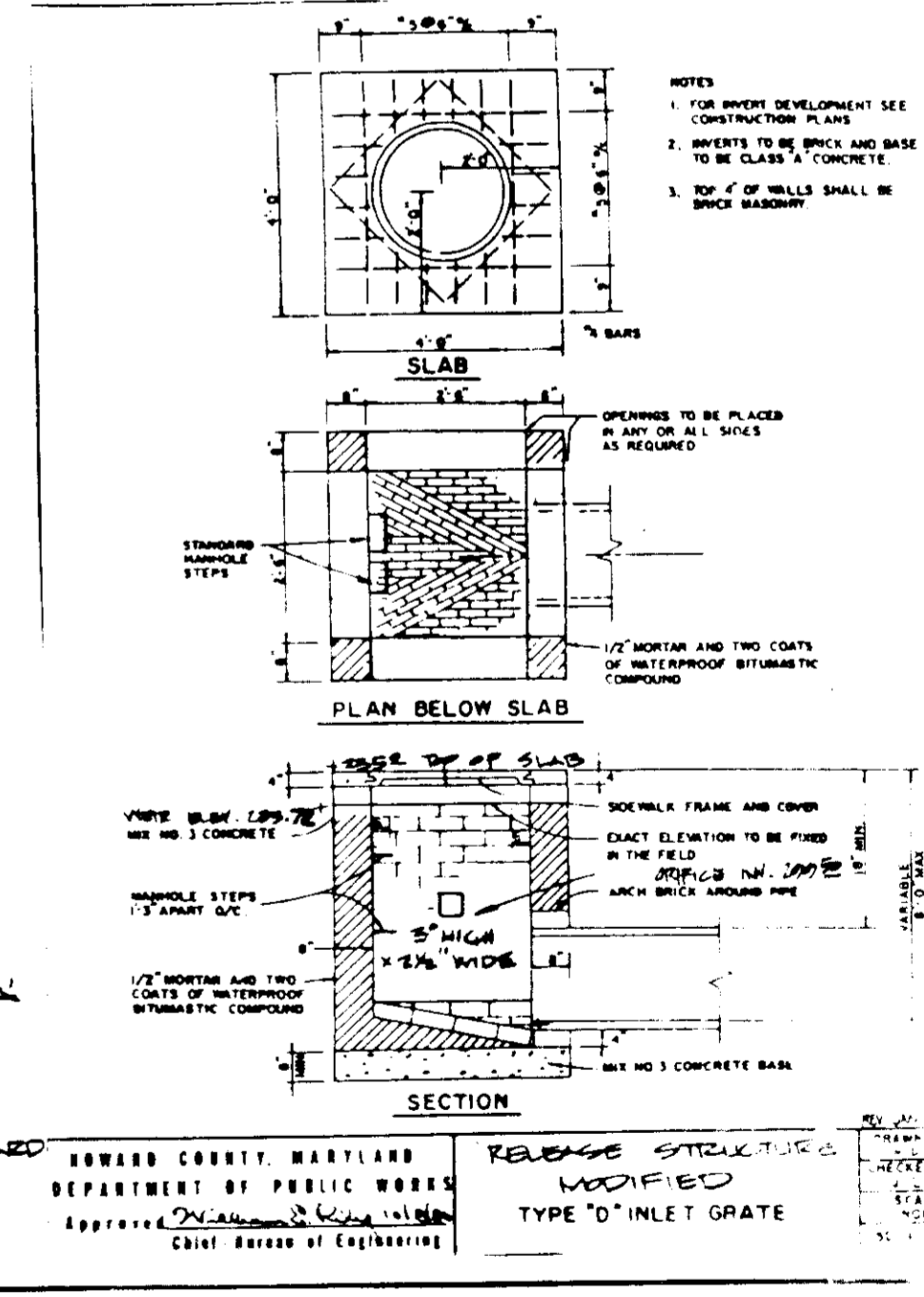
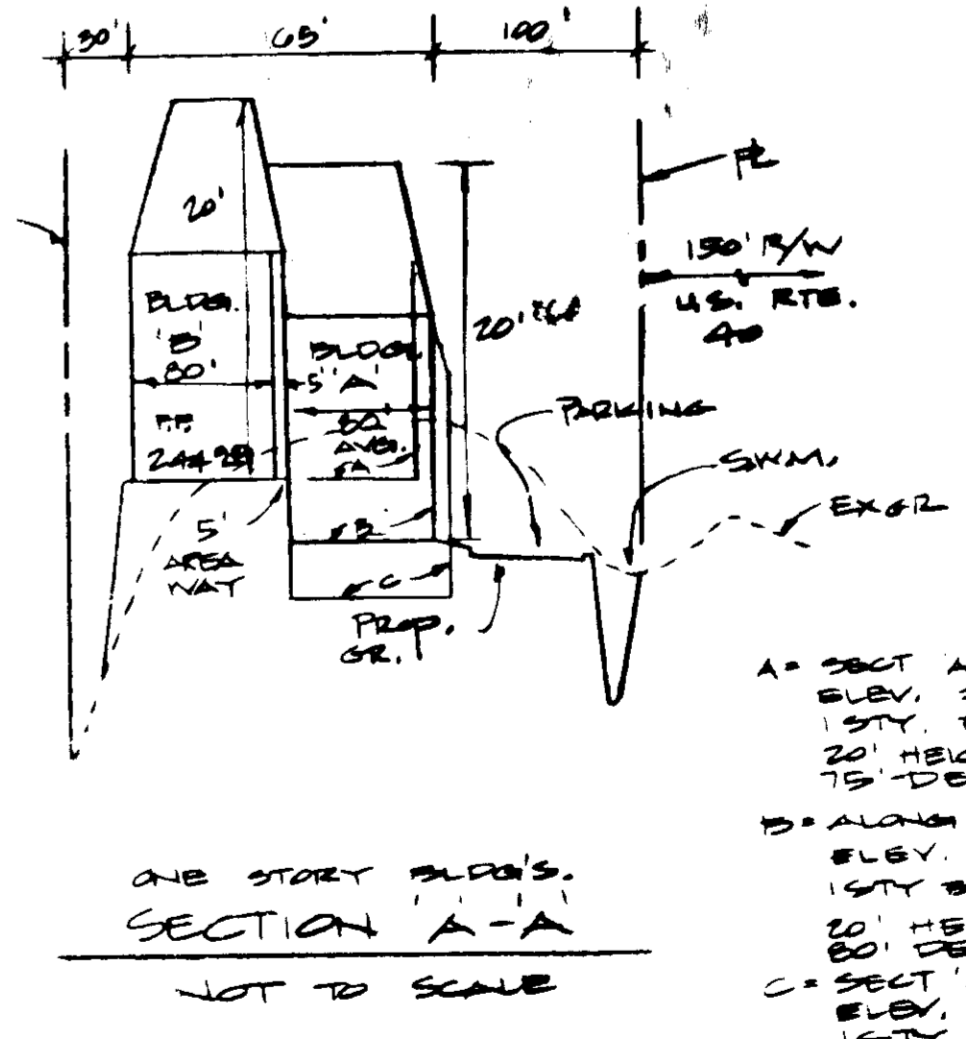
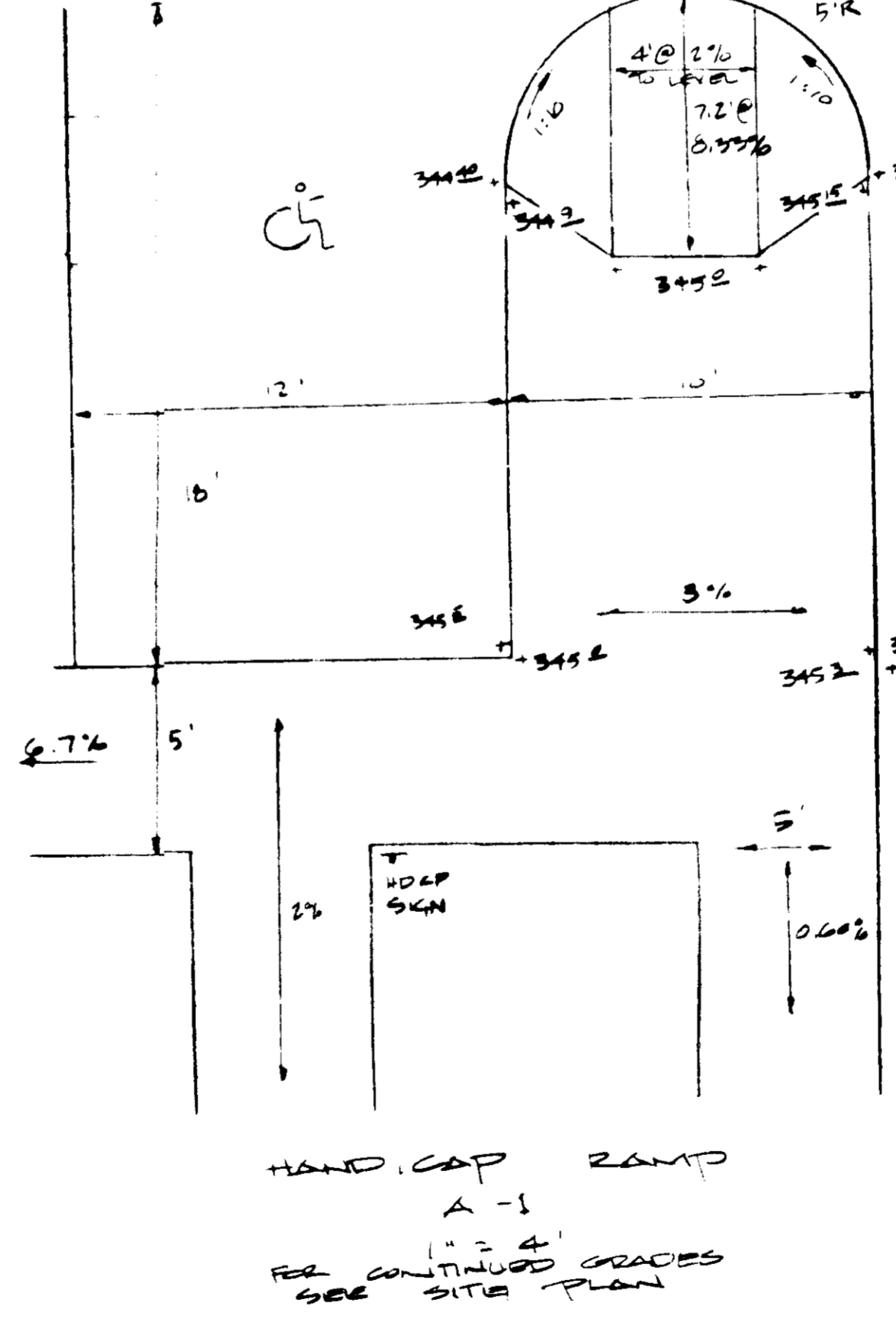
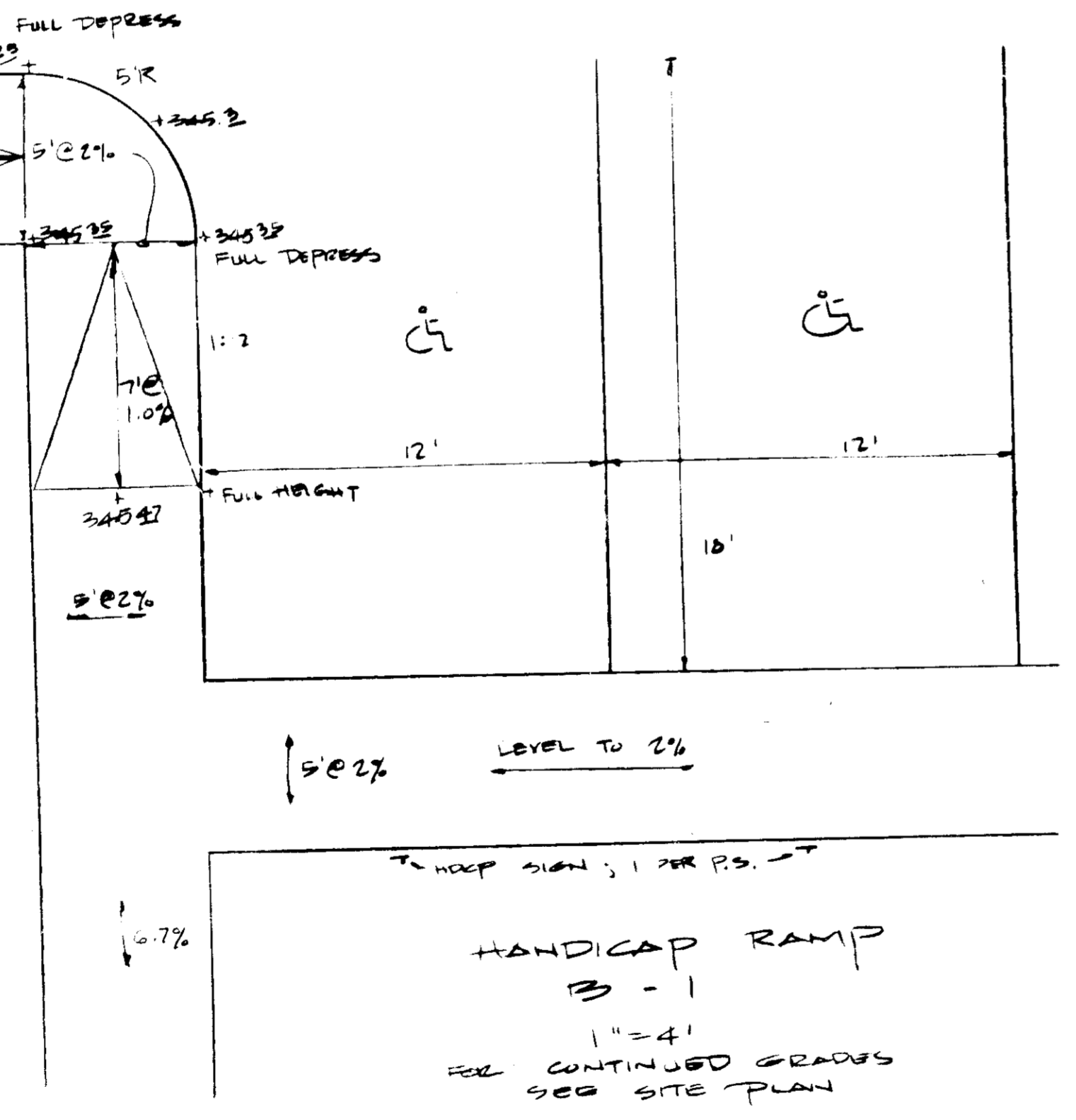
HOWARD SOIL CONSERVATION DISTRICT

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

APPROVED: *[Signature]* DATE: 12-31-85  
HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *[Signature]* DATE: 12-30-85  
THE UNITED STATES SOIL CONSERVATION SERVICE



WRS  
WILLIAM R. SUDECK & ASSOCIATES, INC.  
Consulting Engineers & Land Surveyors  
112 South Main Street • Bel Air, Maryland 21014  
301-879-4333 301-838-3833

ENGINEER  
*[Signature]* 4874 12/14/85

OWNER - DEVELOPER  
V. J. L. & F. R. L., JR. PARTNERSHIP  
P.O. BOX 471  
ELLICOTT CITY  
MARYLAND  
465-8800

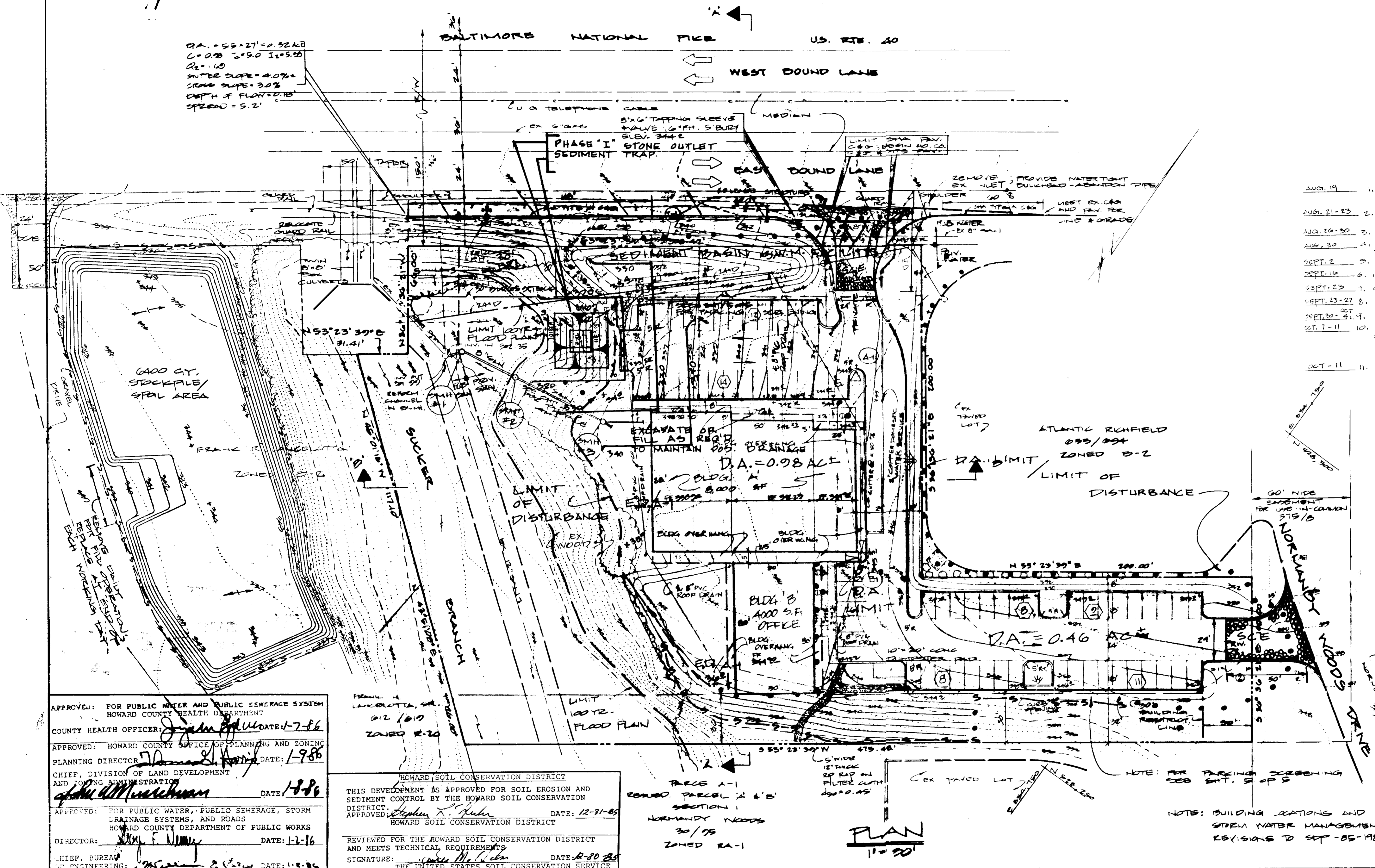
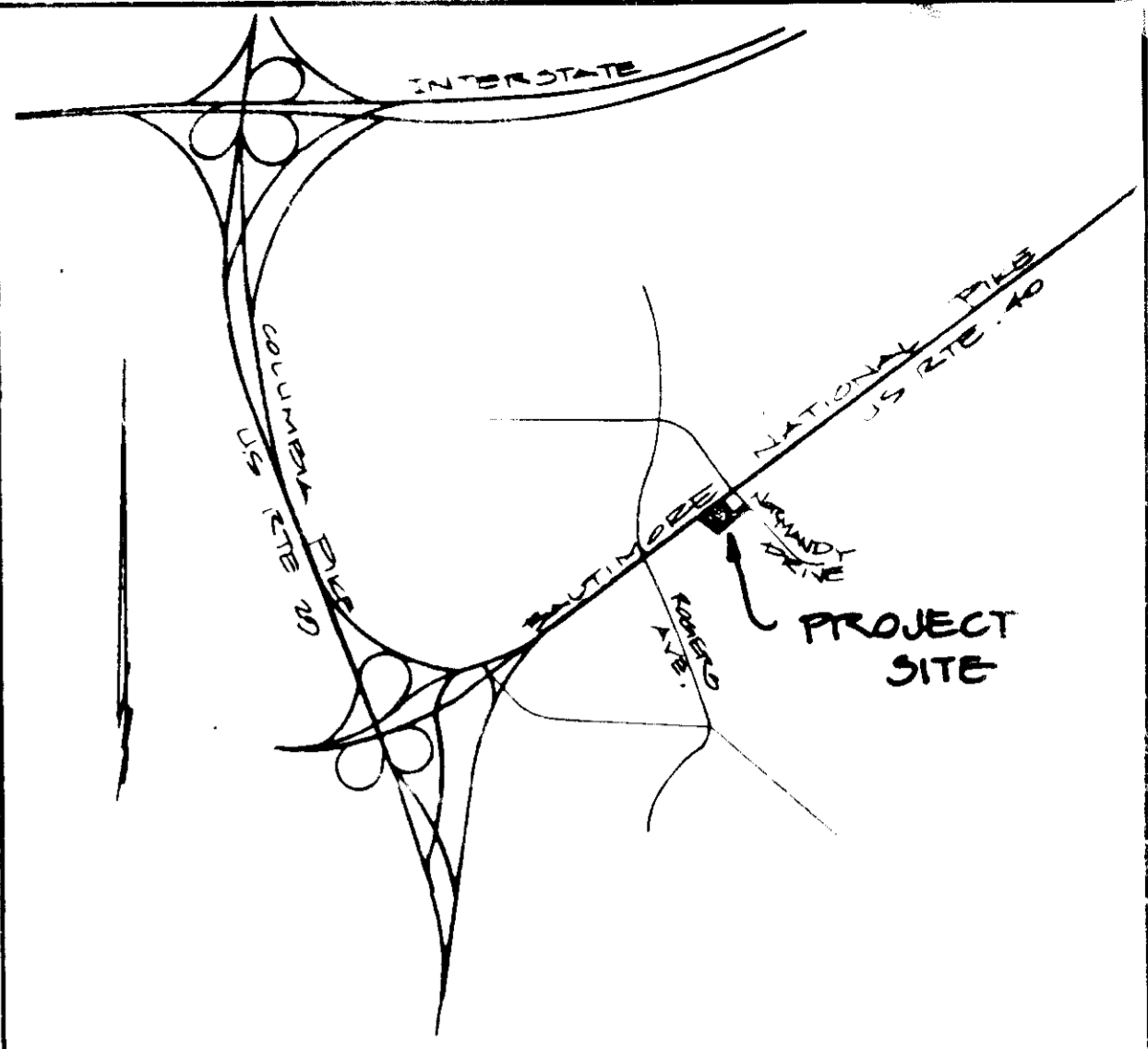
DEVELOPER  
*[Signature]* 1/14/86

NOTE: BUILDING LOCATIONS AND STORMWATER MAINTENANCE REVISIONS TO SOP 85-198

PROFILES & DETAILS FOR  
PROPOSED OFFICE & RETAIL CENTER  
8507 BALTIMORE NATIONAL PIKE  
ELLICOTT CITY  
HOWARD CO., MD.  
SCALE: AS SHOWN  
ELECT. DATE: 2  
DATE: 12/20/85  
SOP 86-127

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 12-12-85

COMPUTATIONS FOR STONE OUTLET  
 SEDIMENT TRAP  
 DA = 0.08 ACRES VOL. REQ'D = 0.13 x 200 = 26.04 CU.  
 VOL. PROVIDED TO ELEV. 3152 = 126.4 CF.  
 TOP ELEV. 3152  
 BOTTOM OF TRAP ELEV. 3152 @ 12' x 21' x 1.5' = 31'  
 22' ELEV. 3152 @ 21' x 21' x 1.5' @ 4' DEEP = 116.4 CF  
 OUTLET LENGTH = 1.98 x 4 = 7.92'



- SEQUENCE OF CONSTRUCTION
- AUG. 19 1. NOTIFY HO. CO. PERMITS INSPECTOR 48 HRS PRIOR TO START OF CONST.
  - AUG. 21-23 2. INSTALL STABILIZED CONSTRUCTION ENTRANCES, PIT TRAP AND SILT FENCES INCLUDING STOCKPILE/SPILL AREA
  - AUG. 20-30 3. CONSTRUCT SEDIMENT BASIN / INTERIM SWM (SEE 4) & 40'S
  - AUG. 30 4. INSTALL BATH DIEG; MAINTAIN POSITIVE DRAINAGE TO BATHING AREA SWM
  - SEPT. 2 5. START MAJOR GRADING
  - SEPT. 10 6. INSTALL UTILITIES & START BLDG. CONST.
  - SEPT. 23 7. COMPLETE MAJOR GRADING
  - SEPT. 23-27 8. CONST. C&G AND PLACE BASE PAV. STONE
  - SEPT. 30-31 9. STABILIZE ALL DISTURBED EARTH & BLDG UNDER CON.
  - SEPT. 1-11 10. AFTER OBTAINING PERMISSION FROM SED. CONTROL INSPECTOR (CLEAN-OUT TRAP 2) RESTORE GRADIES 3) STABILIZE 4) CONVERT STRUCT TO PERM. SWM PER DETAIL SHEET 5
  - OCT. 11 11. REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES & STABILIZE THOSE AREAS

- SEDIMENT CONTROL NOTES
- A minimum of 24 hour notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (193-2437)
  - 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 NORTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 47 calendar days for all perimeter sediment control structures, ditches, silt fence slopes and all slopes greater than 3:1. It shall be done 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 13 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 NORTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. For permanent seedings (Sec. 51) and (Sec. 54), temporary seedings (Sec. 50) and mulching (Sec. 52), temporary stabilization with which alone 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 operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
  - Site Analysis:  
 Total Area of Site 1.58 Acres  
 Area Disturbed 1.40 Acres  
 Area to be reseeded or planted 1.51 Acres  
 Area to be vegetatively stabilized 2.35 Acres  
 Total Cut 2620 Cu. Yds  
 Total Fill 744  
 Offset/area/borrow area location APPROXIMATE SHOW OF STREAM CROSS SECTION
  - All sediment control practices which are disturbed by grading activities for placement of utilities must be rechecked 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 authorized until this initial approval by the inspection agency is made.

TOTAL AREA OF SITE = 2.58 AC  
 TOTAL DISTURBED AREA = 1.40 AC  
 AREA TO BE VEGETATIVELY STABILIZED = 19,250 SF = 0.35 AC  
 NOTE: SEE SHEET #1 FOR SHA IMPROVEMENTS

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 1-7-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 1-9-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING  
*[Signature]* DATE: 1-8-86

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 1-2-86

CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 1-8-86

HOWARD SOIL CONSERVATION DISTRICT  
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED: *[Signature]* DATE: 12-31-85  
 HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
 SIGNATURE: *[Signature]* DATE: 2-20-86  
 THE UNITED STATES SOIL CONSERVATION SERVICE

WRS  
 WILLIAM R. SUDECK & ASSOCIATES, INC.  
 Consulting Engineers & Land Surveyors  
 112 South Main Street • Bel Air, Maryland 21014  
 301-879-4333 301-838-5833

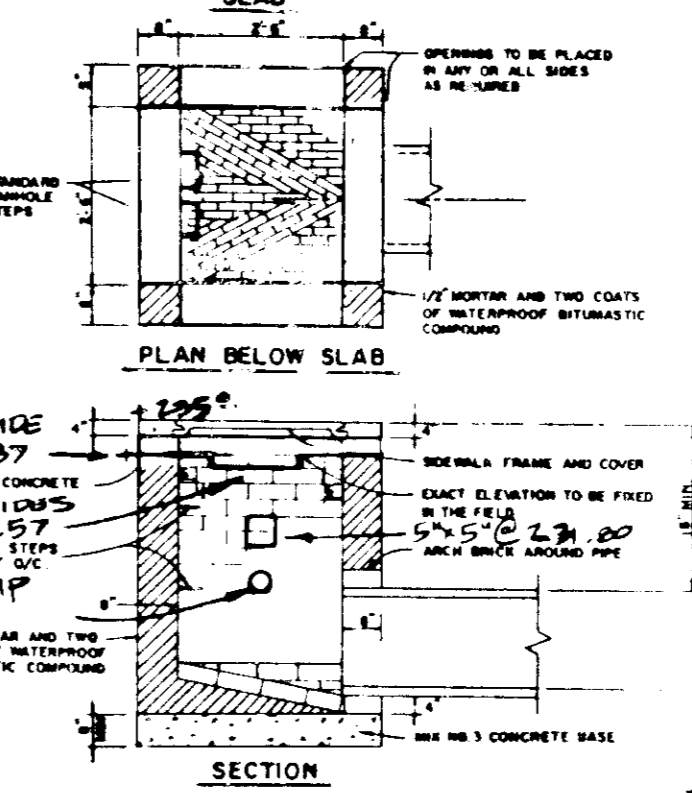
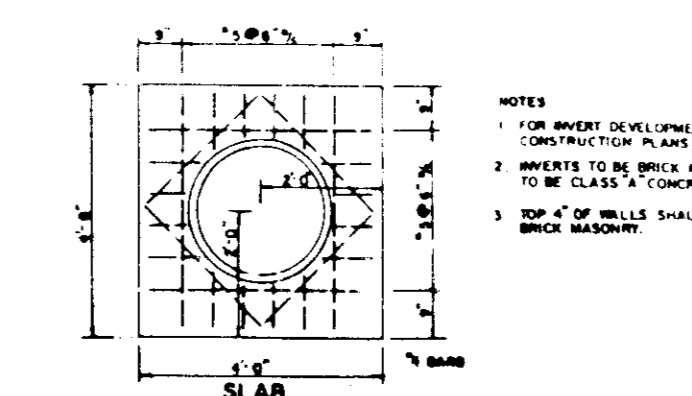
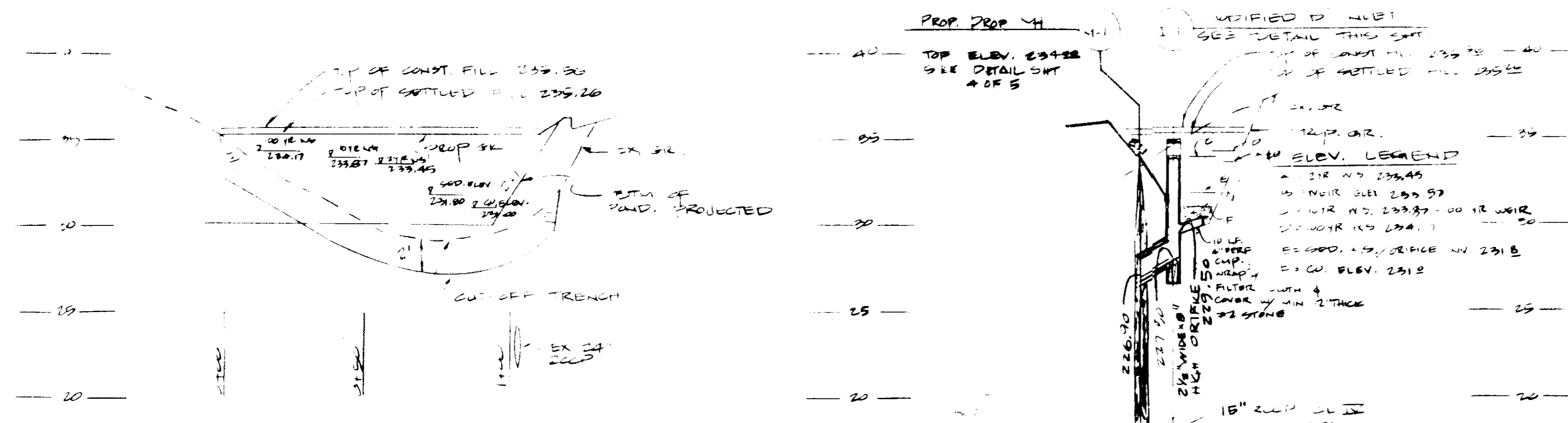
ENGINEER'S CERTIFICATE  
 I certify that this plan for erosion, and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*[Signature]* 4874 12/24/85  
 Signature of Engineer Reg. No. Date

OWNER - DEVELOPER  
 V. J. L. & F. R. L., JR. PARTNERSHIP  
 P.O. BOX 477  
 ELLICOTT CITY  
 MARYLAND  
 409-8300

DEVELOPER'S CERTIFICATE  
 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 also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.  
*[Signature]* DATE

DES BY RWR  
 DWG BY WRS, JR./RWR  
 CHK BY WRS, JR./RWR  
 REVISIONS  
 1/1/86: MOVE BLDG & DRIVE 10' NORTH EAST

GRADING, EROSION, & SEDIMENT CONTROL PLAN FOR  
 PROPOSED OFFICE & RETAIL CENTER  
 3507 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY  
 HOWARD CO., MD  
 SCALE AS SHOWN SHEET 3 OF 5  
 ELECT DIST # 2  
 DATE APRIL 30, 1985  
 SEP 86-127



**EROSION CONTROL DRAINAGE AREA MAP**  
 1" = 100'

**PERMANENT SEEDING NOTES**

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

**Seeding 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:  
 1) Preferred - Apply 2 tons per acre delimitic limestone (92 lbs/1000 square ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Barrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).  
 2) Acceptable - Apply 1 ton per acre delimitic limestone (46 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Barrow or disc into upper three inches of soil.

**Seeding:** For the periods March 1 thru April 30, and August 1 thru October 31, seed with 50 lbs per acre (1.1 lbs/1000 sq ft) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.04 lbs/1000 sq ft) of creeping lovegrass. During the period of October 1 thru February 28, present site by October (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. Option (3) Seed with 40 lbs per acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1 1/2 to 2 tons per acre (30 to 40 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool at 218 gal per acre (5 gal/1000 sq ft). For sloping areas, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

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

**TEMPORARY SEEDING NOTES**

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

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

**Soil Amendments:** Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

**Seeding:** For periods March 1 thru April 30 and from May 1 thru November 31, seed with 24 lbs per acre (0.54 lbs/1000 sq ft) of Kentucky 31 Tall Fescue per acre and 2 lbs per acre (0.04 lbs/1000 sq ft) of creeping lovegrass. For the period from November 1 thru February 28, present site as soon as possible in the spring of the year and will anchor the straw mulch and seed as soon as possible in the spring of the year.

**Mulching:** Apply 1 1/2 to 2 tons per acre (30 to 40 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool at 218 gal per acre (5 gal/1000 sq ft). For sloping areas, 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.

**APPROVED**  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE: 12-12-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: *John M. Byrnes* DATE: 1-7-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR: *Thomas J. Hume* DATE: 1-9-86

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
*John W. Hinchman* DATE: 1-9-86

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

DIRECTOR: *George Newmy* DATE: 1-2-86

CHIEF, BUREAU OF ENGINEERING: *William R. Sudeck* DATE: 1-2-86

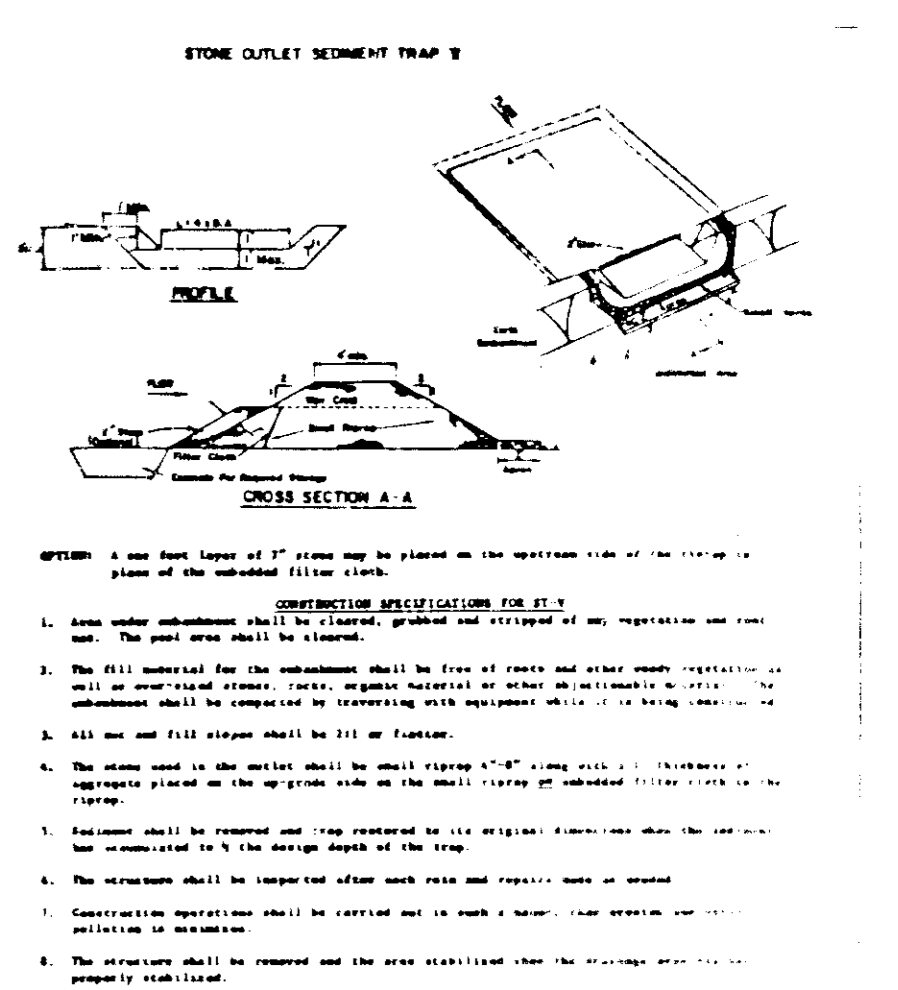
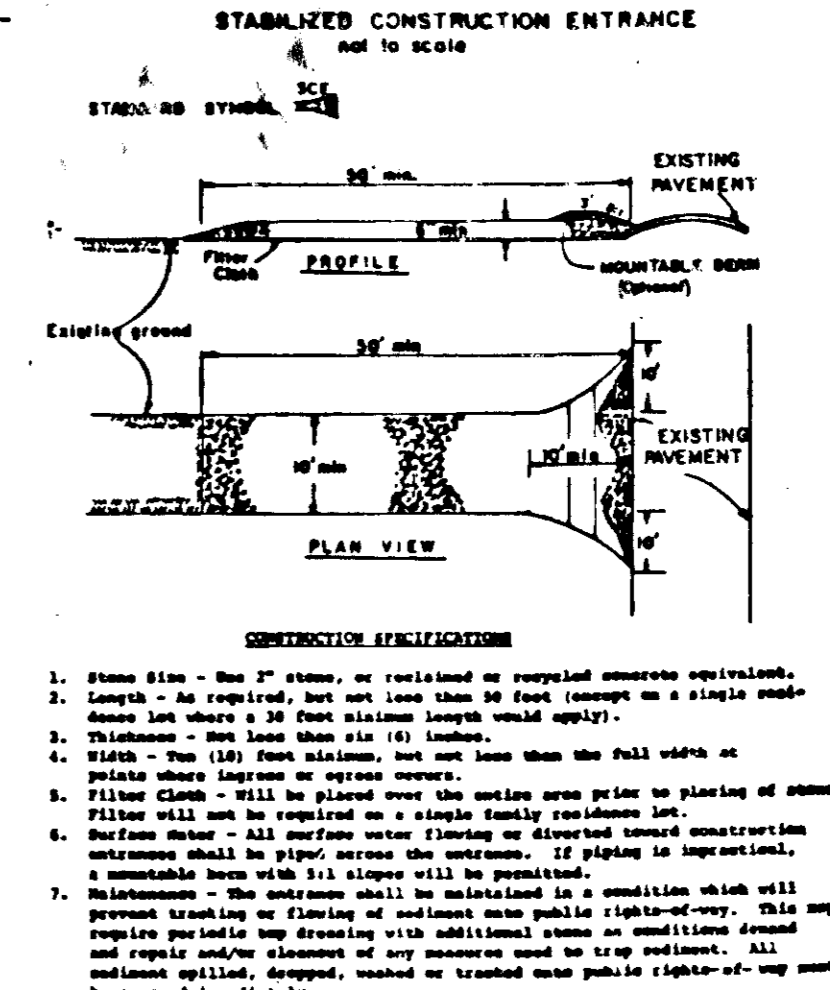
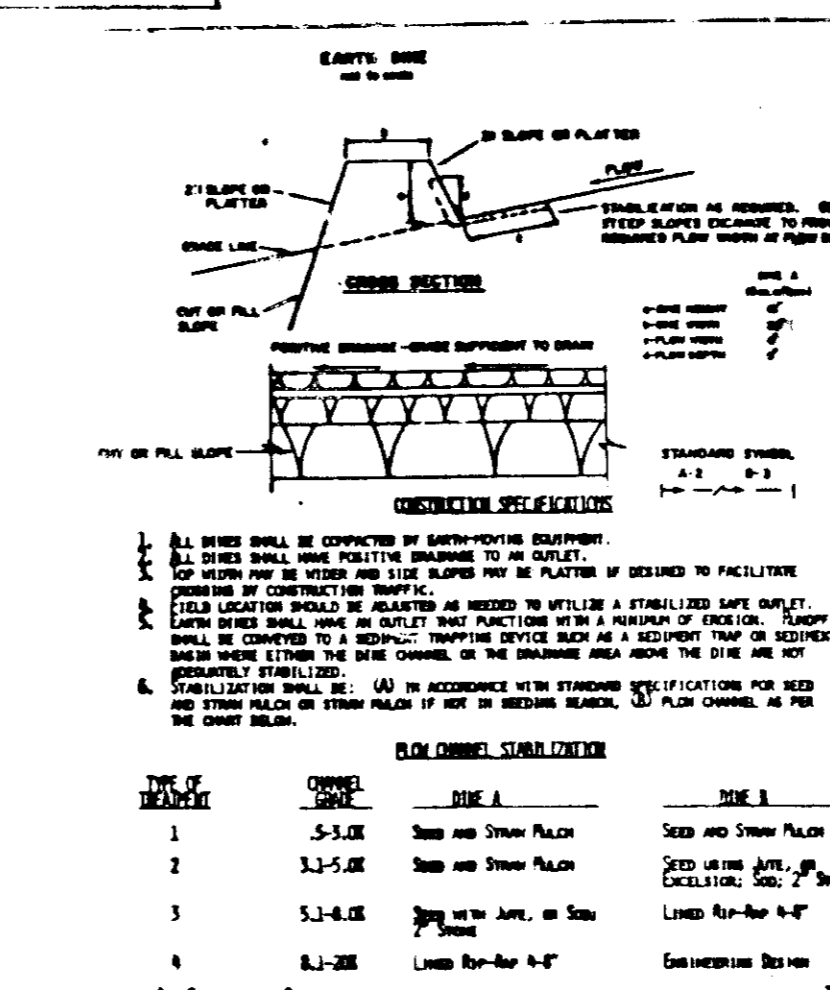
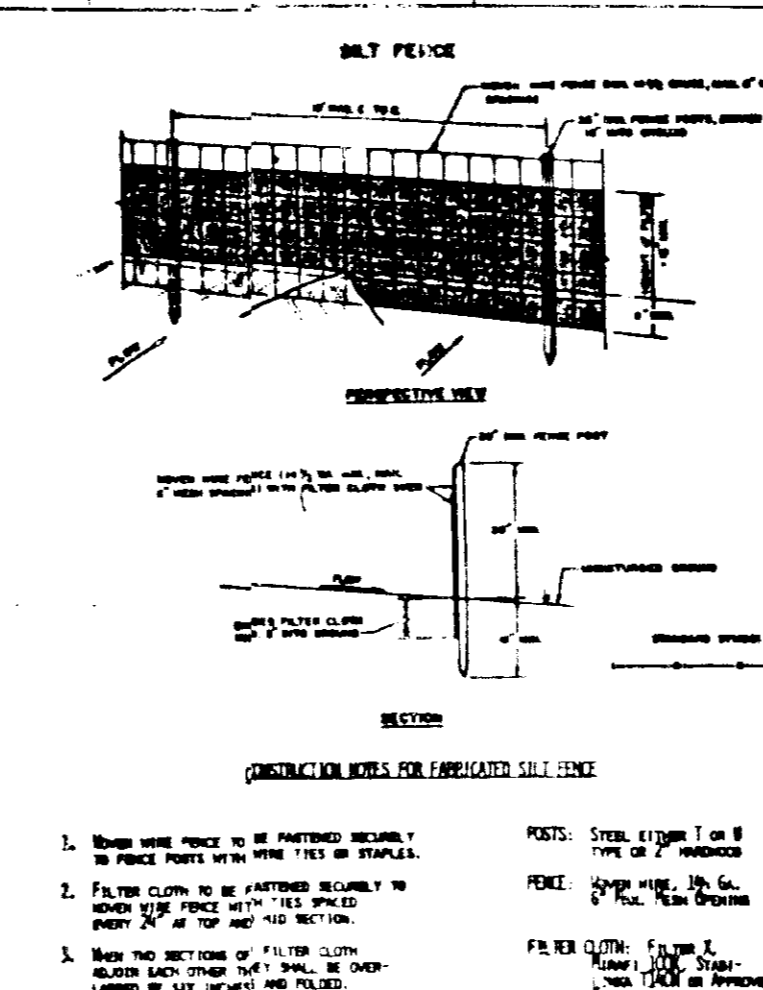
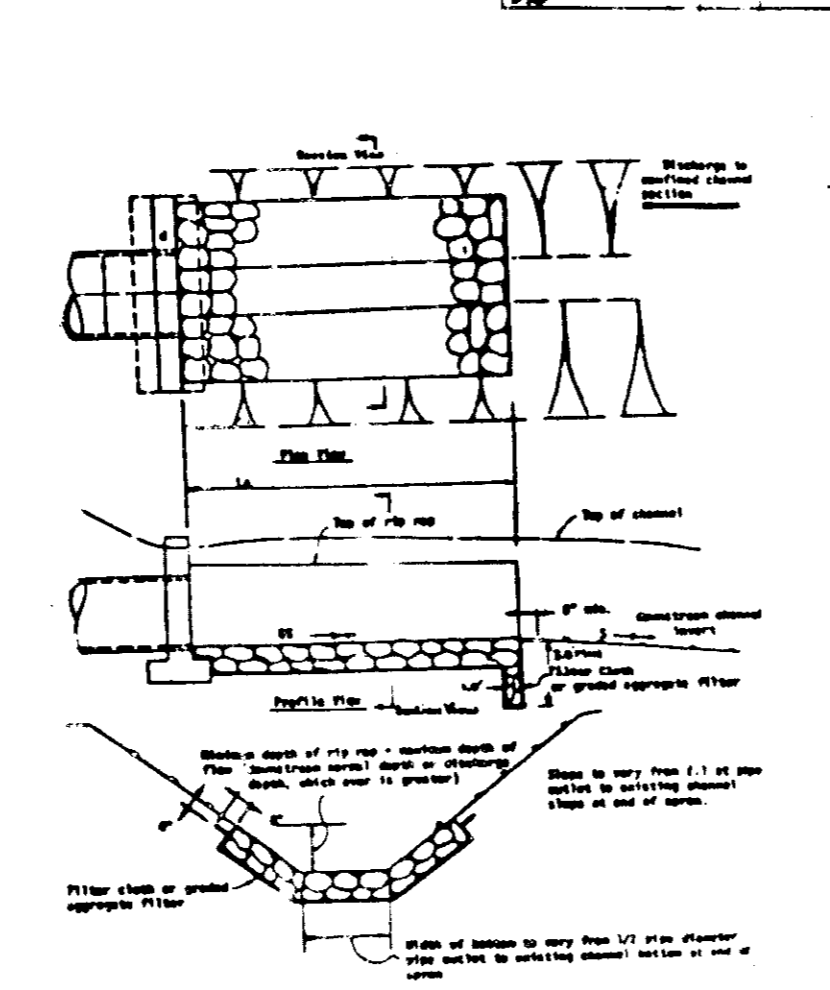
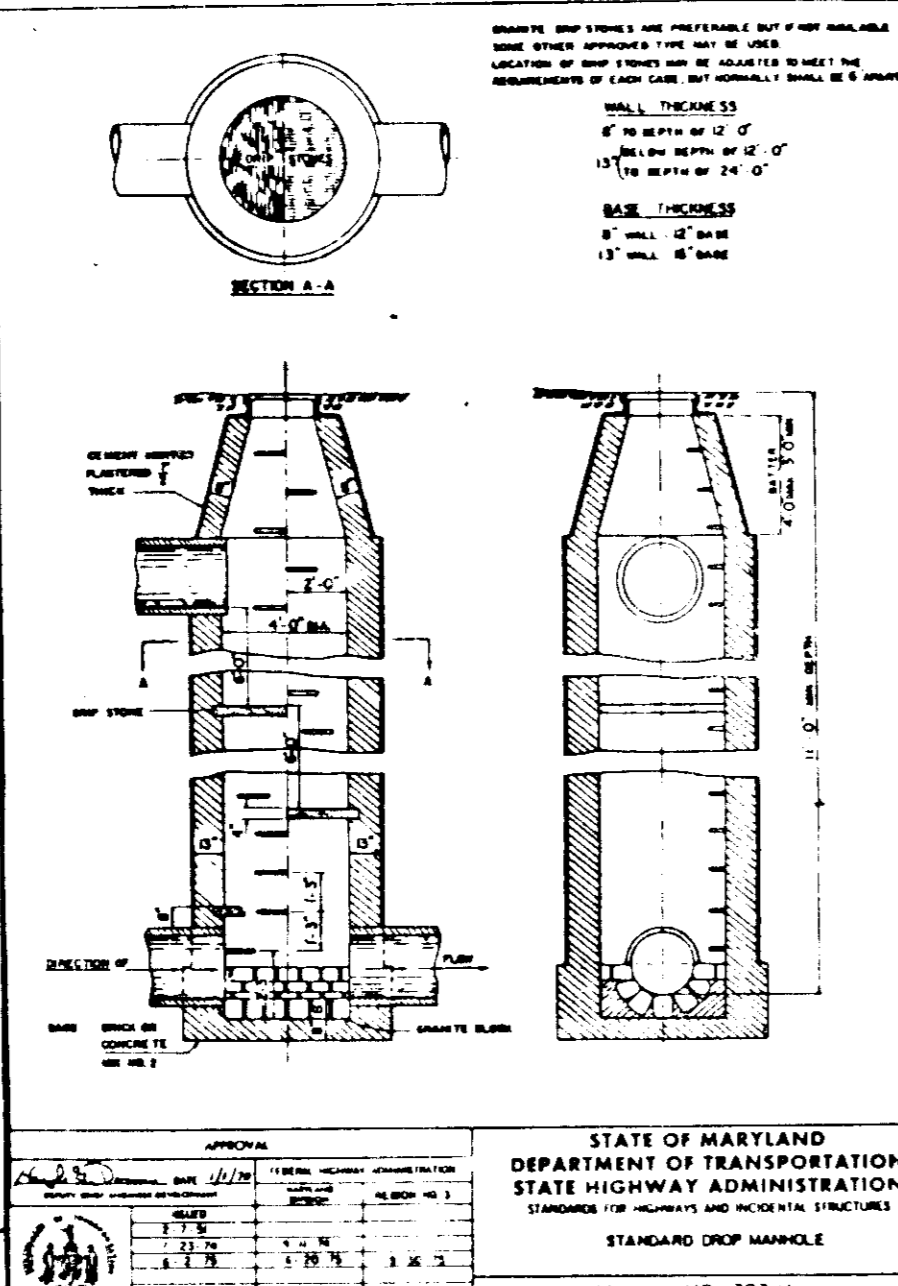
HOWARD SOIL CONSERVATION DISTRICT

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

APPROVED: *Stephen L. Fuchs* DATE: 12-31-85  
 HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *James McVee* DATE: 12-30-85  
 THE UNITED STATES SOIL CONSERVATION SERVICE



**WRS**  
 WILLIAM R. SUDECK & ASSOCIATES, INC.  
 Consulting Engineers & Land Surveyors  
 112 South Main Street • Bel Air, Maryland 21014  
 301-879-4354 301-836-5633

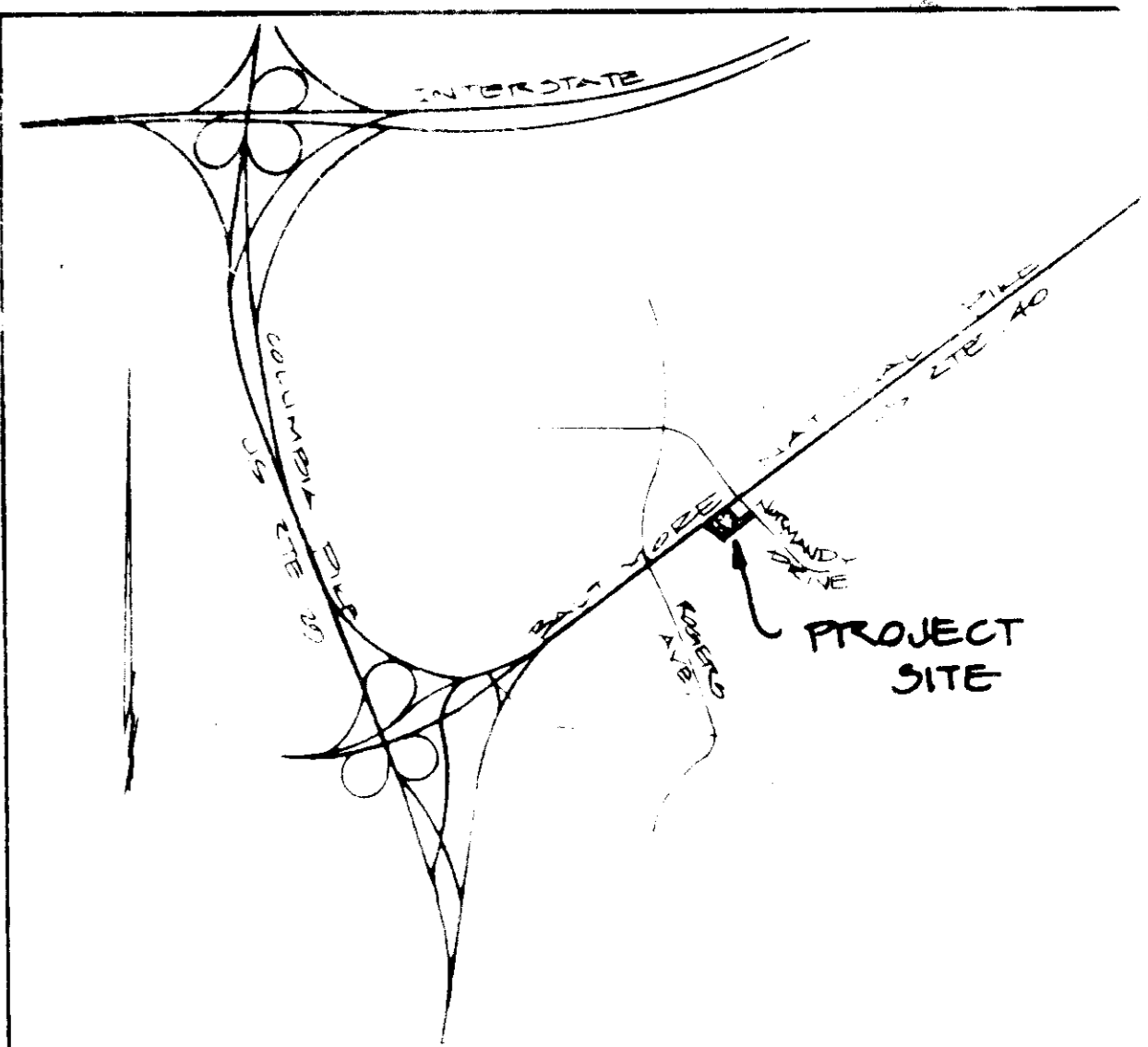
**STATE OF MARYLAND**  
 DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 STANDARD DRAIN MANHOLE  
 STANDARD NO. MD-743-11

**ENGINEER**  
*William R. Sudeck* 4874 12/26/85

**OWNER - DEVELOPER**  
 Y. J. L. & F. R. L., JR. PARTNERSHIP  
 P.O. BOX 471  
 ELLICOTT CITY  
 MARYLAND  
 465-8800

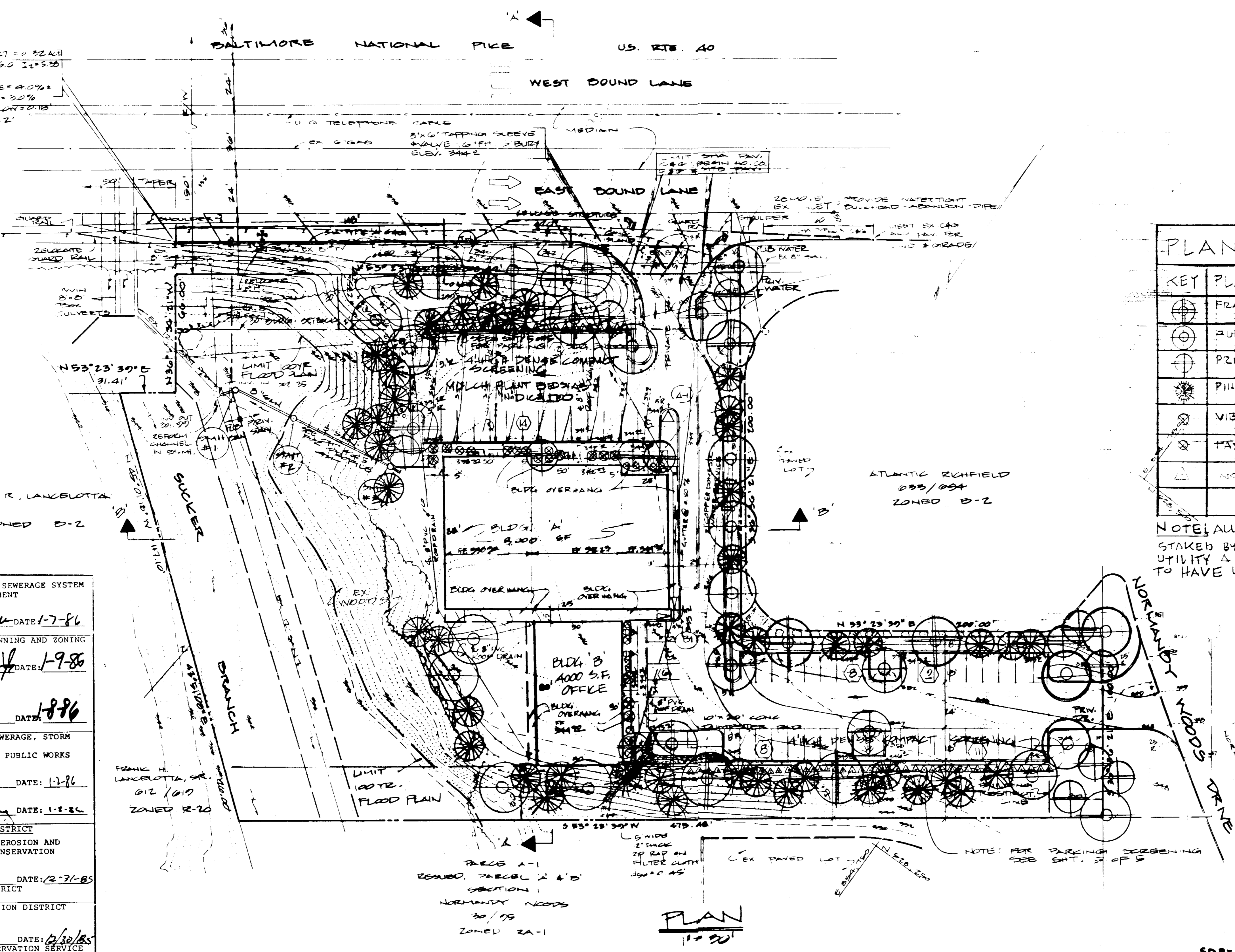
**DEVELOPER**  
*William R. Sudeck*  
 DATE: 12/26/85

**PROFILES & DETAILS FOR PROPOSED OFFICE & RETAIL CENTER**  
 8507 BALTIMORE NATIONAL HCC  
 3110 CITY  
 ELBERT CITY, MD  
 DATE: 12/26/85  
 SDP 86-127



VICINITY MAP  
1" = 2000'

2A. = 59.27 = 2.32 AB  
 2.00 2.50 1.50  
 2.00  
 WATER SLOPE = 4.0%  
 GROUND SLOPE = 3.0%  
 DEPTH X FLANGE = 18"  
 SPREAD = 5.2'



| PLANT LIST |   |                  |      |                |
|------------|---|------------------|------|----------------|
| KEY        | PLANT NAME                                      | SIZE             | QUAN | REMARKS        |
| ⊕          | FRAXINUS P. "LANUGIFLORA"<br>SEEDLESS GREEN ASH | 2-3 1/2"<br>CAL. | 15   | B&B FULL HEADS |
| ⊕          | QUERCUS PALUSTRIS<br>PIN OAK                    | 3-2 1/2"<br>CAL. | 13   |                |
| ⊕          | PRUNUS S. "KAWAZAN"<br>FLOWERING CHERRY         | 3-8 1/2"         | 10   |                |
| ⊕          | PINUS STROBUS<br>EAGLEBRI WHITE PINE            | 5-6 1/2"         | 47   |                |
| ⊕          | VIBURNUM RHYTIDOPHYLLUM<br>LEATHERLEAF VIBURNUM | 2-3 1/2"         | 12   |                |
| ⊕          | TAXUS M. "DENSIFORMIS"<br>DENISE YEW            | 15-18 1/2"       | 20   |                |
| ⊕          | NYCOTIA   | 3 1/2"           | 02   |                |

NOTE: ALL PROPOSED PLANT MATERIAL IS TO BE FIELD STAKED BY THE LANDSCAPE ARCHITECT. CALL UTILITIES AT 1-559-0100 48 HOURS PRIOR TO PLANTING TO HAVE UNDERGROUND UTILITIES LOCATED.

NOTE: BUILDING LOCATIONS AND STORMWATER MANAGEMENT REVISIONS TO SUP 85-93

| ADDRESS CHART        |                              |
|----------------------|------------------------------|
| BUILDING NUMBER      | STREET ADDRESS               |
| A (10,125 SF)        | 8525 BALTIMORE NATIONAL PIKE |
| B (4000 SF)          | 8520 BALTIMORE NATIONAL PIKE |
| SUBDIVISION NAME     | SECT/AREA                    |
| LANGLIOTTIA PROPERTY | B-2                          |
| PLAT/BLK             | ZONE TAX/ZONE MAP ELEC DIST  |
| 10                   | B-2 15 2 15225               |
| WATER CODE           | SEWER CODE                   |

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY  
 DATE 12-12-85

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 1-7-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 1-9-86  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 1-2-86  
 CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 1-2-86

HOWARD SOIL CONSERVATION DISTRICT  
 THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED: *[Signature]* DATE: 12-31-85  
 HOWARD SOIL CONSERVATION DISTRICT

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *[Signature]* DATE: 12/30/85  
 THE UNITED STATES SOIL CONSERVATION SERVICE

PLAN  
1" = 20'

SDP-86-127

WRS  
 WILLIAM R. SUDECK & ASSOCIATES, INC.  
 Consulting Engineers & Land Surveyors  
 112 South Main Street • Bel Air, Maryland 21014  
 301-879-4353 301-838-3833

ENGINEER'S CERTIFICATE  
 I certify that this plan for erosion, and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District.  
*[Signature]* 6874 12/14/85  
 Signature of Engineer Reg. No. Date

OWNER - DEVELOPER  
 V. J. L. & F. R. L., JR. PARTNERSHIP  
 P.O. BOX 477  
 ELLICOTT CITY  
 MARYLAND  
 405 - 8300

DEVELOPER'S CERTIFICATE  
 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 also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as is deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.  
*[Signature]*  
 Signature of Developer Date

LANDSCAPE PLAN  
 FOR  
 PROPOSED OFFICE & RETAIL CENTER  
 8507 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY  
 HOWARD CO. MD  
 SCALE AS SHOWN  
 ELEC DIST # 2  
 DATE APRIL 2, 1986  
 SDP 86-127