

*Chad Carter*

| ADDRESS CHART |                    |
|---------------|--------------------|
| BUILDING NO   | STREET ADDRESS     |
| 1             | 9145 GUILFORD ROAD |
| 2             | 9135 GUILFORD ROAD |
| 3             | 9125 GUILFORD ROAD |

|   |         |                       |                           |
|---|---------|-----------------------|---------------------------|
| SUBDIVISION NAME<br>RIVERS CORPORATE PARK |         | SECT./AREA<br>2/1     | LOT/PARCEL #<br>PARCEL 10 |
| PLAT# OR 1/4                              | BLOCK # | ZONE<br>NT/IND/M      | TAX/ZONE<br>MAP 42        |
| 5004                                      | 5       |                       |                           |
| ELEC. DIST. 979                           |         | CENSUS TR. 6061.03    |                           |
| WATER CODE<br>E-15                        |         | SEWER CODE<br>5200000 |                           |

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT.  
 FOR PUBLIC WATER AND SEWERAGE SYSTEMS.  
*William Zebus* 10-23-83  
 HEALTH OFFICER DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS.  
 FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE  
 SYSTEMS AND ROADS.  
 DIRECTOR, PUBLIC WORKS  
*[Signature]* DATE

APPROVED: CHIEF, BUREAU OF ENGINEERING  
*[Signature]* DATE

APPROVED: OFFICE OF PLANNING AND ZONING  
 PLANNING DIRECTOR  
*[Signature]* 10-25-83  
 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT  
 AND ZONING ADMINISTRATION  
*[Signature]* 10-25-83  
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION  
 DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 TREETOPS  
 U.S. SOIL CONSERVATION SERVICE  
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND  
 SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION  
 DISTRICT.  
 APPROVED:  
 DISTRICT COORDINATOR  
 HOWARD SOIL CONSERVATION DISTRICT  
 DATE

DEVELOPER'S CERTIFICATE  
 "I/WE 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 PRO-  
 GRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE  
 BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-  
 SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DIS-  
 TRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED  
 NECESSARY."  
*Carlton M. Case III* 5-31-1983  
 SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATE  
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-  
 IMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN  
 BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS  
 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIRE-  
 MENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Chad Carter* 10/5/83  
 SIGNATURE OF ENGINEER DATE

| Rev. No. | Rev. Date | Revision Description                          |
|----------|-----------|---|
| 1        | 5-21-83   | STORMDRAINS, W.H.C. AND CURB/GUTTER           |
| 2        | 5-21-83   | REVISED PER H2O COMMENTS                      |
| 3        | 5-8-83    | REVISED GRADING AROUND BUILDING               |
| 4        | 8-15-83   | RAISE BUILDING ELEVATIONS 10", REVISE GRADING |
| 5        | 8-1-83    | PER H2O COMMENTS, BUILDING/GRADING            |

**COLUMBIA**  
 MARYLAND

PROJECT AREA RIVERS CORPORATE PARK  
 SECTION TWO PARCEL 10  
 GULFORD RD. HOWARD CO. MARYLAND

PROJECT TITLE SITE DEVELOPMENT PLAN  
 PROTOTYPE SERVICE CENTER

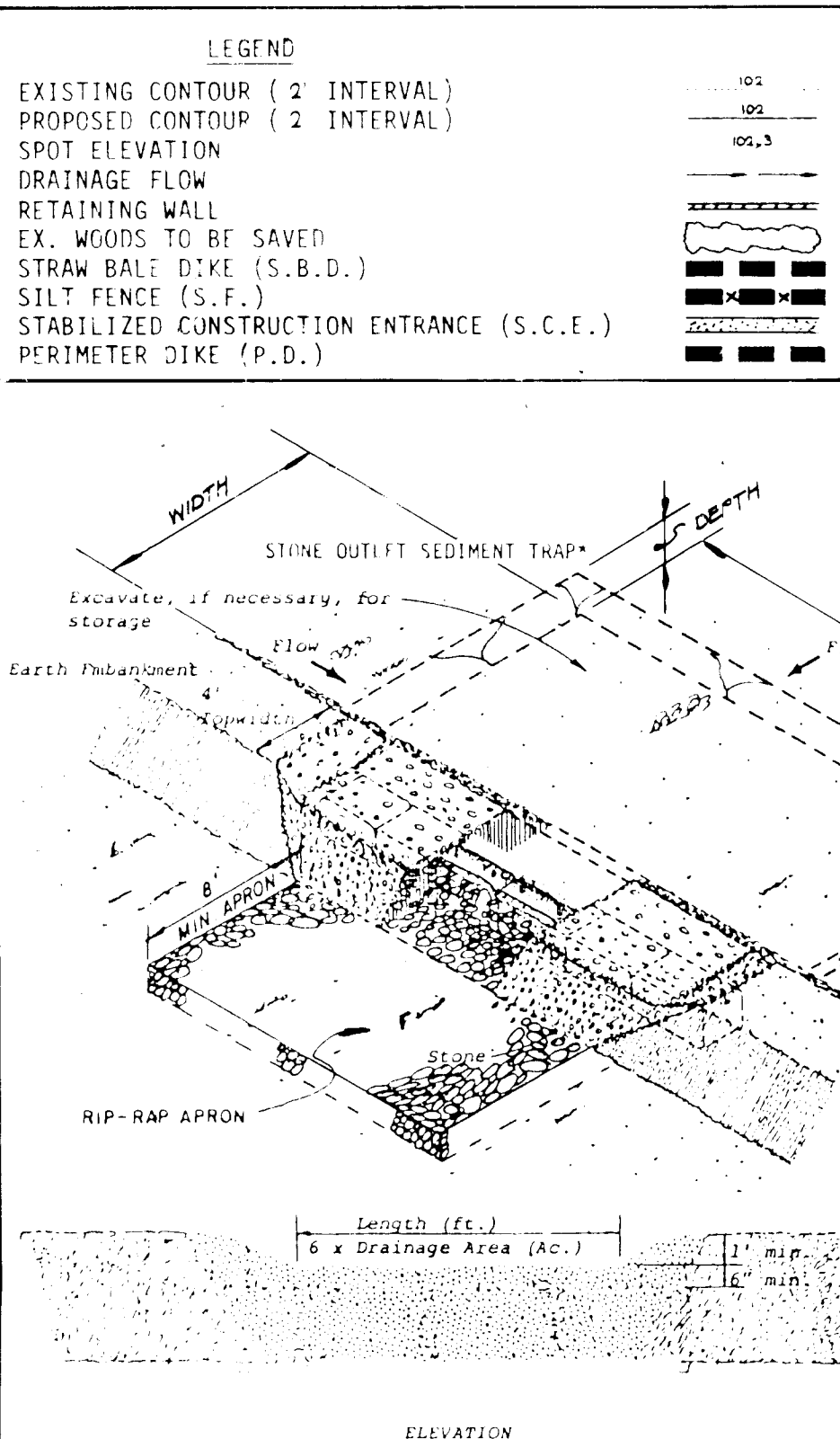
DRN BY DD BURTON Scale AS SHOWN Date MAY 21, 1983  
 DRN BY W.K. FRALIC Date MAY 21, 1983  
 CHK BY RB CARTER Approved

DATE 10/5/83  
 C.C.F. No.

**FISHER, COLLINS AND CARTER**  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 8355 COURT AVENUE  
 GAITHERSBURG, MARYLAND 20878  
 301-491-2855

SEDIMENT CONTROL NOTES

1. SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS INCLUDED IN THE U.S.D.A. SOIL CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS.
2. THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (792-7272).
3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (792-7272).
5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
- SITE PREPARATION
    - HARROW OR DISC IN AREAS PROPOSED TO BE SEEDDED THE FOLLOWING MATERIALS:
      - PULVERIZED LIMESTONE AT 2 TONS/ACRE.
      - COMMERCIAL FERTILIZER 10-10-10 AT 3/4 TONS/ACRE.
      - SUPER PHOSPHATE AT 600 LBS./ACRE.
    - SEEDING
      - SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER:
        - TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
        - PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.
      - THE SEEDED AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
    - MULCHING
      - SEEDED AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2-2 TONS/ACRE.
      - TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.



STONE OUTLET SEDIMENT TRAP NOT TO SCALE

NOTE: FOR SLOPES STEEPER THAN 3:1 USE SEEDING MIXTURE OF:  
 1. CROWNVETCH, INOCULATED 15 LBS./ACRE  
 2. KENTUCKY 31 TALL FESCUE 40 LBS./ACRE  
 PREPARE SITE IN ACCORDANCE WITH SEDIMENT CONTROL NOTES 5-1-A, 5-2-B AND 5-3-A & 5-3-B.

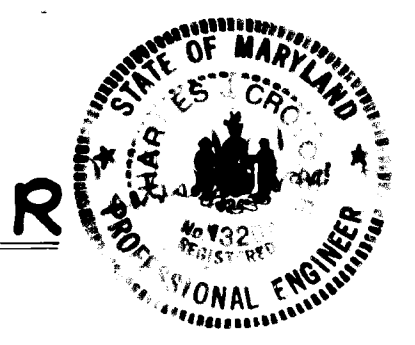
- GENERAL NOTES
- TOTAL AREA OF PARCEL 'D' - 7.553 ACRES ±
  - PRESENT ZONING OF PARCEL 'D' -  
 A. NEW TOWN (INDUSTRIAL)  
 B. M-1 (MANUFACTURING - LIGHT)
  - PROPERTY IS RECORDED AS PLAT NO. 5334
  - FINAL DEVELOPMENT PLAN REFERENCE: AMENDED PLAN PHASE 187-A, RECORDED AS PLAT 3054-A
  - PROPERTY IS SHOWN ON TAX MAP 42
  - THE EXISTING CEMETERY SHOWN WITHIN THE BOUNDARIES OF PARCEL 'D' IS NOT INCLUDED IN THIS SUBMISSION.
  - PARKING DATA -  
 A. USE - PROTOTYPE SERVICE CENTER/OFFICES  
 B. TOTAL NUMBER OF EMPLOYEES = 430 MAX.  
 C. TOTAL NUMBER OF BUILDINGS - 85,000 S.F., BUILDING COVERAGE 26%  
 1. BUILDING NO. 1 - 27,470 S.F.  
 2. BUILDING NO. 2 - 27,280 S.F.  
 3. BUILDING NO. 3 - 30,250 S.F.
  - TOTAL NUMBER OF PARKING SPACES REQUIRED: 170 MAX. (2 SPACES/1,000 S.F. NET LEASABLE AREA)  
 1. REGULAR SPACES (9' x 18' OR 9' x 20') = 166  
 2. HANDICAPPED SPACES (12' x 18' OR 12' x 20') = 4
  - TOTAL NUMBER OF PARKING SPACES PROVIDED: 313  
 1. REGULAR SPACES (9' x 18' OR 9' x 20') = 305  
 2. HANDICAPPED SPACES (12' x 18' OR 12' x 20') = 8

- OPEN SPACE DATA -
- OPEN SPACE REQUIRED: PER FDP CRITERIA
  - OPEN SPACE (GREEN AREA) PROVIDED: 2.3 AC. ± (30%)
  - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 792-7272.
  - HANDICAPPED FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THE "DESIGN OF BARRIER FREE FACILITIES" AND THE "MARYLAND BUILDING CODE FOR THE HANDICAPPED AND AGED."
  - ALL PAVING AND STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
  - EXISTING UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD AND OFFICE INFORMATION. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES TO HIS OWN SATISFACTION BEFORE MAKING ANY CONNECTION THERETO OR EXCAVATING IN THE AREA THEREOF.
  - THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.
  - SEE ARCHITECTURAL DRAWINGS FOR BUILDING DIMENSIONS.
  - EXISTING TOPOGRAPHY SHOWN WAS SUPPLIED BY THE HOWARD RESEARCH & DEVELOPMENT CORP.
  - FOR REQUIRED LANDSCAPING, SEE LANDSCAPING PLAN.

9-7-83  
 [Signature]

CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- CONSTRUCT STONE CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
- EXCAVATE SEDIMENT TRAPS TO REQUIRED DIMENSIONS AS SHOWN ON PLAN. CONSTRUCT PERIMETER DIKE AND INTERCEPTOR SWALES AS SHOWN ON PLAN. STABILIZE TRAPS, SWALES AND DIKES USING TEMPORARY SEEDING MIXTURE.
- INSTALL SILT FENCE OR STRAW BALE DIKE ALONG TOE OF FILL SLOPE AS SHOWN ON PLAN.
- CLEAR AND GRUB SITE AND GRADE TO SUBGRADE.
- BEGIN CONSTRUCTION OF ON-SITE UTILITIES AND OFFICE/WAREHOUSE BUILDINGS. INSTALL SILT FENCE OR STRAW BALE DIKE AT OUTFALL OF EW-1. INSTALL INLET PROTECTION AT ALL INLETS.
- CONSTRUCT CONCRETE CURB & GUTTER AND INSTALL BASE COURSE.
- DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATION HAS BEEN REACHED.
- THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON, AFTER EACH RAINFALL AND ON A DAILY BASIS.
- THE SEDIMENT TRAPS SHALL BE DEWATERED BY PUMPING IF NECESSARY.
- THE SEDIMENT FROM THE TRAPS SHALL BE PLACED UP-GRADE FROM THE SEDIMENT TRAPS IN SUCH A MANNER AS NOT TO INTERFERE WITH CONSTRUCTION OPERATIONS OR CAUSE EROSION/DOWNGRADE FROM THE SEDIMENT TRAPS.
- REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
- BACKFILL SEDIMENT TRAPS WITH EARTH USED FOR PERIMETER DIKES AND STABILIZE DISTURBED AREAS WITH SEEDING MIXTURE.
- STABILIZE SUPPORTING SLOPES WITH CRITICAL AREA STABILIZATION SEEDING MIXTURE. REMOVE STRAW BALE DIKE OR SILT FENCE.
- REMOVE STONE CONSTRUCTION ENTRANCE.
- CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE. INSTALL STRAW BALE DIKE/SILT FENCE AROUND INNER PERIMETER OF PARKING AREA.
- AFTER ALL BUILDING CONSTRUCTION HAS BEEN COMPLETED, REMOVE STRAW BALES/SILT FENCE. STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING MIXTURE.



**FISHER, COLLINS AND CARTER**  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 6000 COURT AVENUE  
 BULLCOTT CITY, MARYLAND 21043  
 301-49-2855

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT.  
 FOR PUBLIC WATER AND SEWERAGE SYSTEMS.  
 [Signature] 10-23-83 DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS,  
 FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.  
 [Signature] 10-21-83 DATE

APPROVED: OFFICE OF PLANNING AND ZONING  
 PLANNING DIRECTOR  
 [Signature] 10-23-83 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 OWNER & DEVELOPER  
 ROUSE & ASSOCIATES  
 TREETOPS  
 SUITE 100  
 8181 PROFESSIONAL PLACE  
 LANDOVER, MD. 20785

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
 [Signature] 10-23-83 DATE  
 DISTRICT COORDINATOR  
 HOWARD SOIL CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATE  
 "I/WE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."  
 [Signature] 5-31-83 DATE  
 SIGNATURE OF DEVELOPER

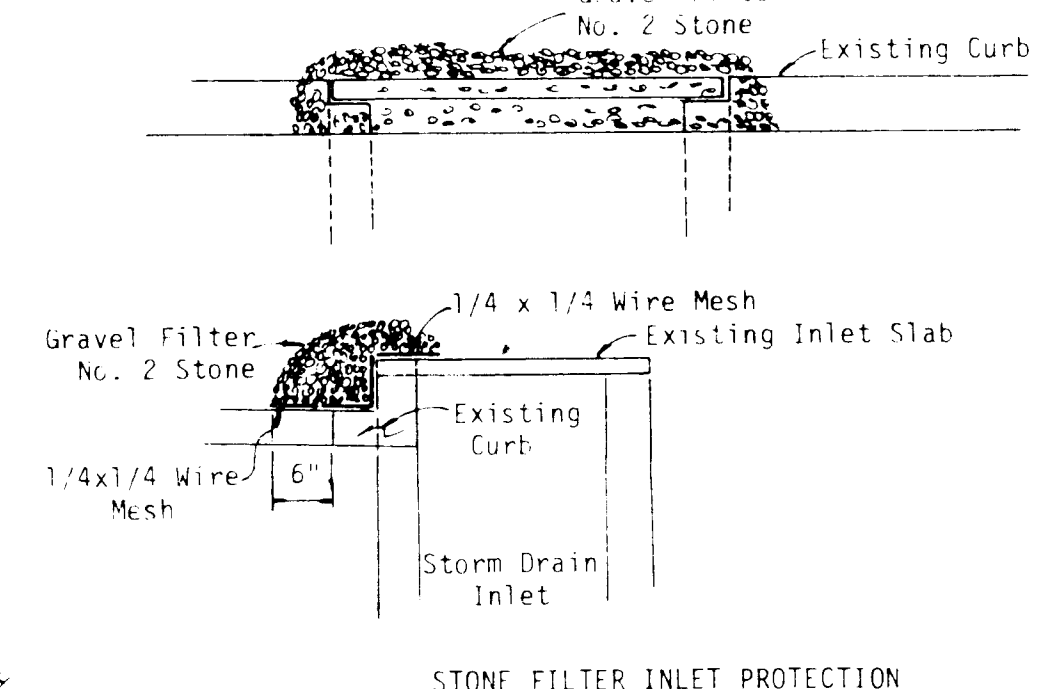
| Rev. Date | Rev. No. | Revision Description                       |
|-----------|----------|--|
| 5-8-83    | 2        | REVISE BUILDING PROFILE PER HO CO COMMENTS |
| 8-1-83    | 1        | PER HO CO COMMENTS                         |

**COLUMBIA**  
 MARYLAND

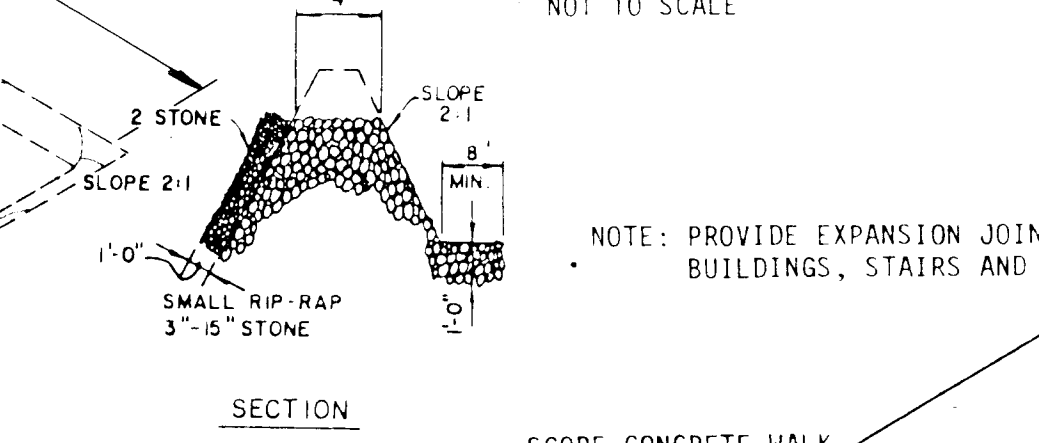
PROJECT AREA: RIVERS CORPORATE PARK PARCEL 10  
 SECTION TWO (SECTION DIST. HOWARD CO MARYLAND)

PROJECT TITLE: DETAILS AND NOTES PROTOTYPE SERVICE CENTER

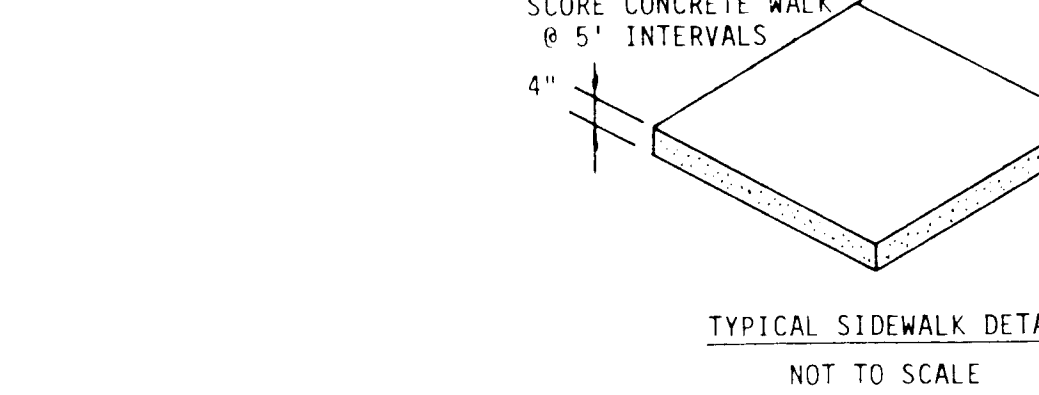
Des. By: D. BURTON Scale: AS SHOWN Dwg. No. 2 OF 4  
 Dra. By: W. K. FALCIG Date: MAY 27, 1983 C.C.F. No.  
 Chk. By: D. CARTER Approved



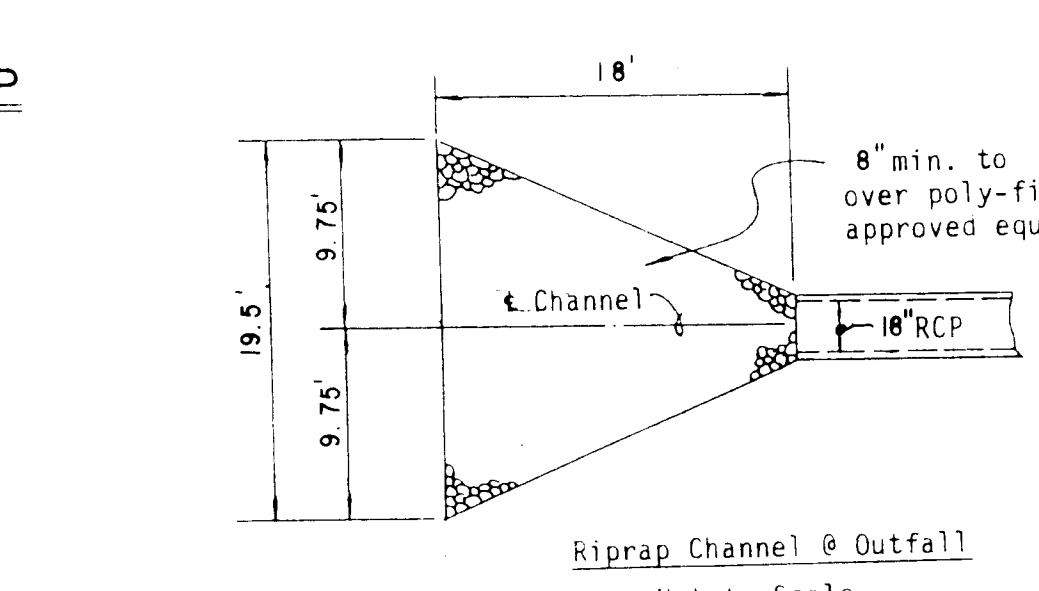
STONE FILTER INLET PROTECTION NOT TO SCALE



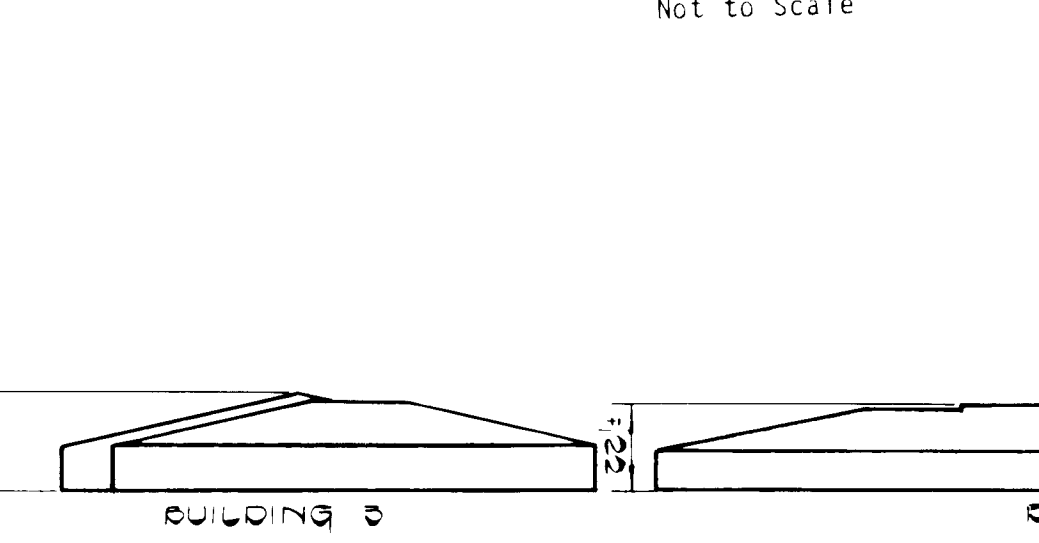
Riprap Channel @ Outfall Not to Scale



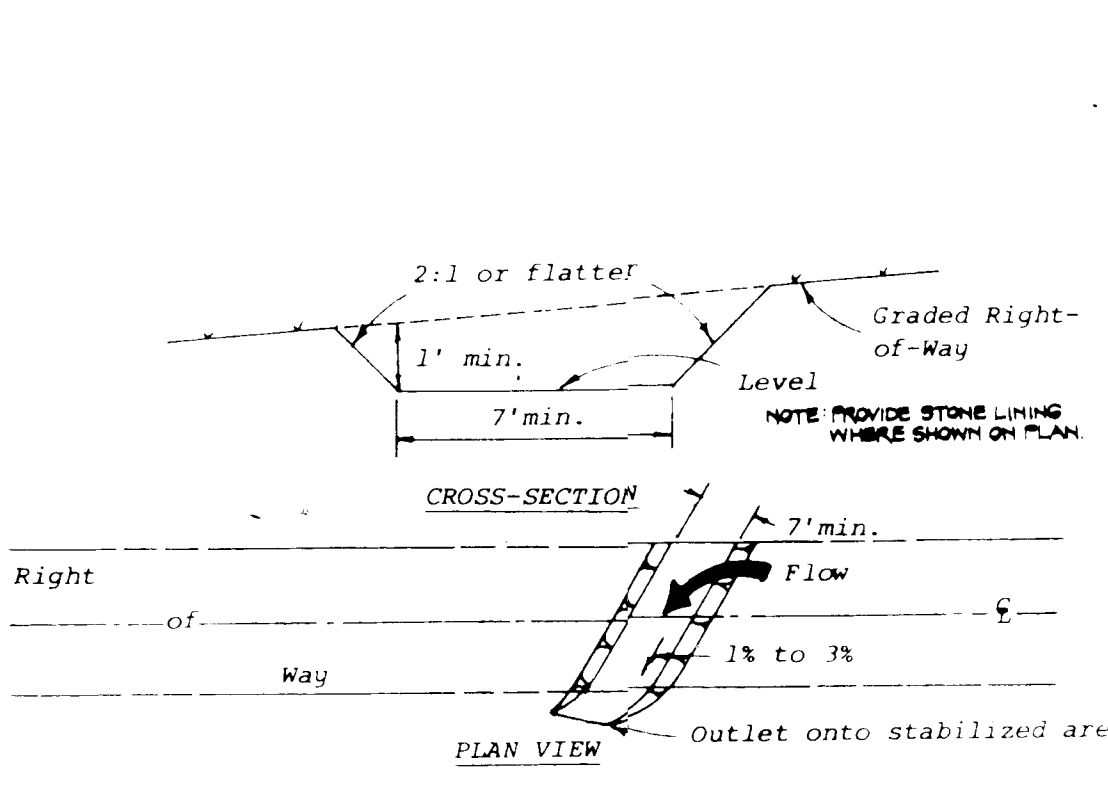
TYPICAL SIDEWALK DETAIL NOT TO SCALE



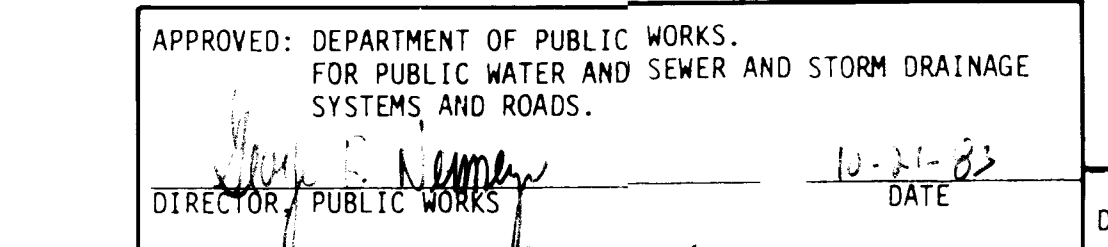
SCORE CONCRETE WALK @ 5' INTERVALS NOT TO SCALE



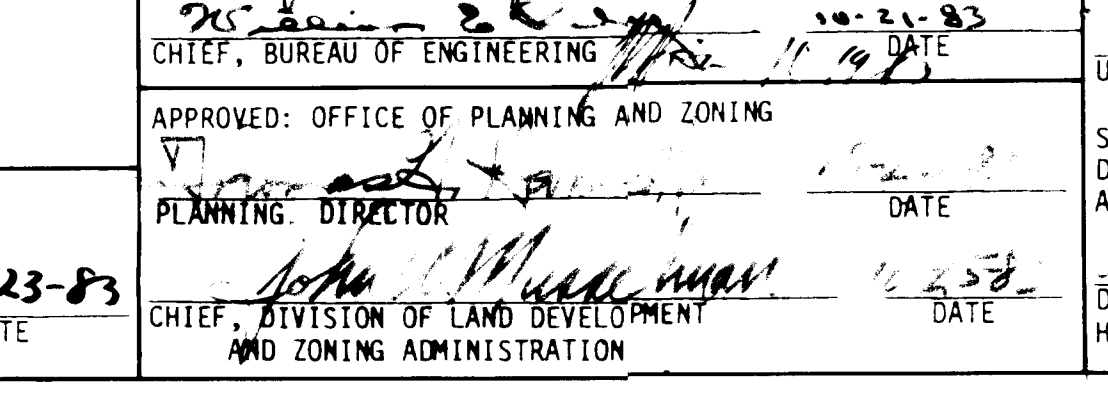
BUILDING PROFILES AS VIEWED FROM GUILFORD ROAD NOT TO SCALE



INTERCEPTOR SWALE (not to scale)



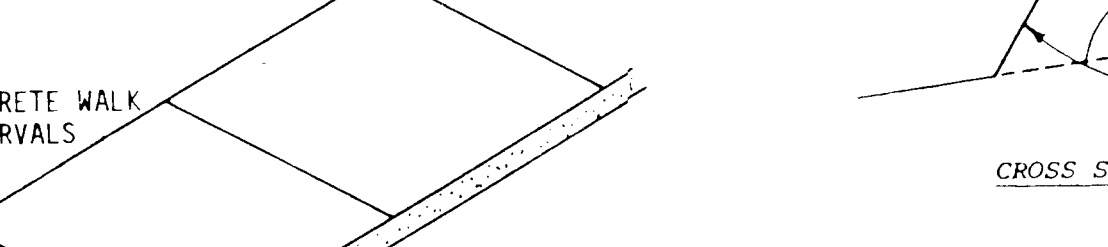
TYPICAL PAVING SECTION NOT TO SCALE



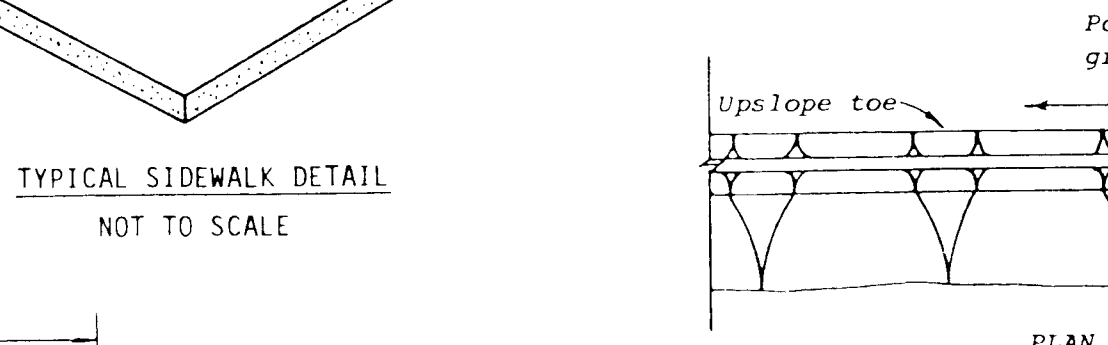
STRAW BALE DIKE NOT TO SCALE



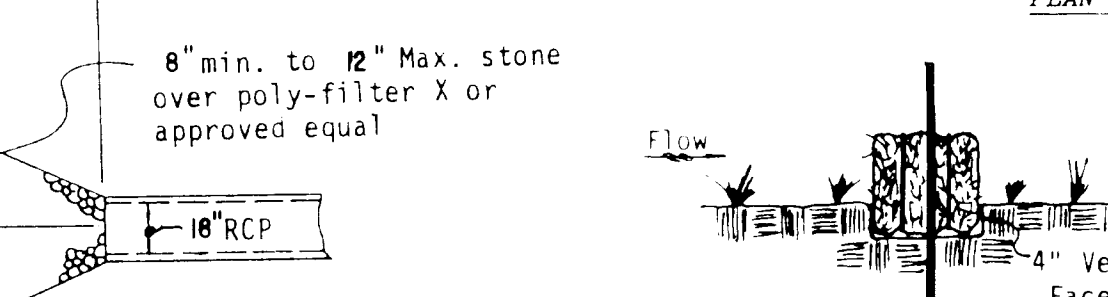
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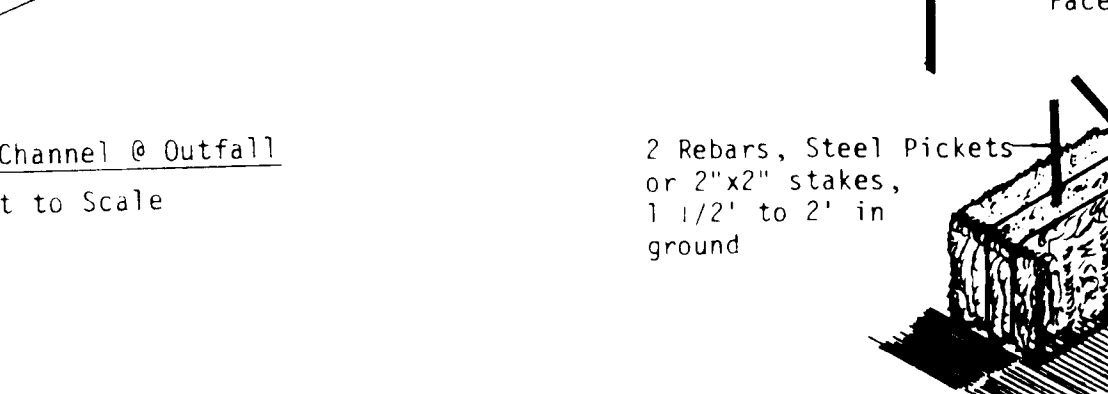
CROSS SECTION



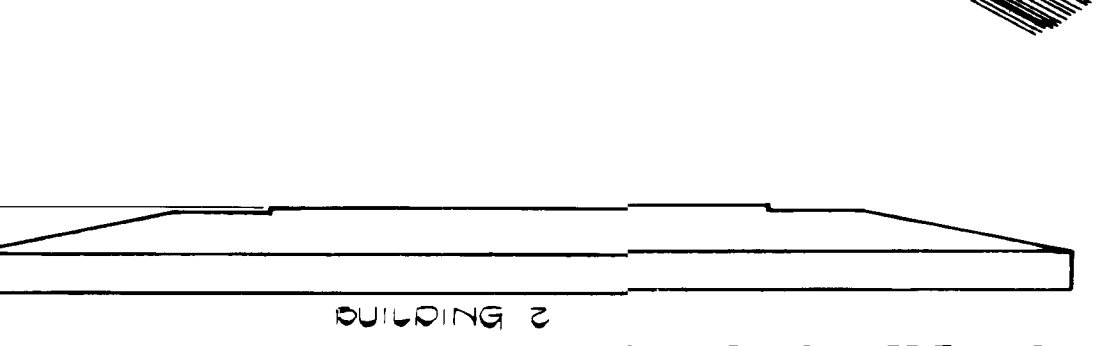
PLAN VIEW



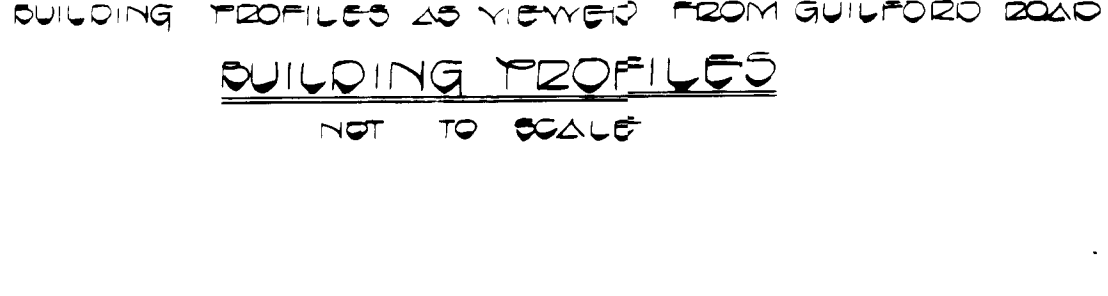
STONE BASE



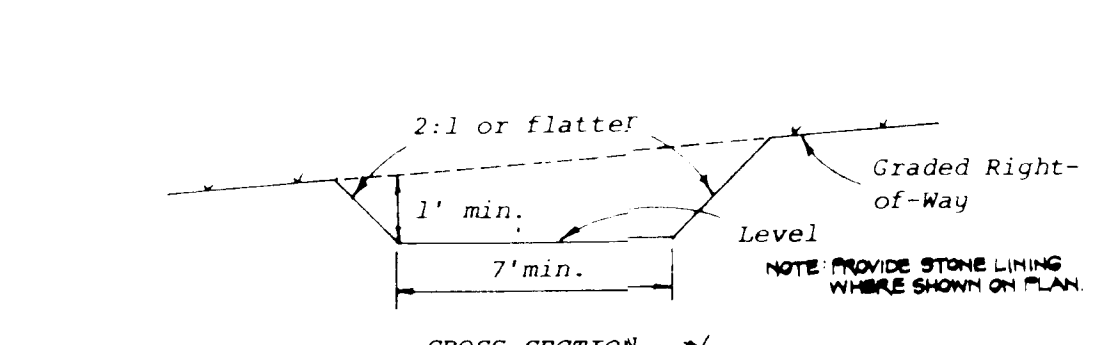
TIMBER RETAINING WALL NOT TO SCALE



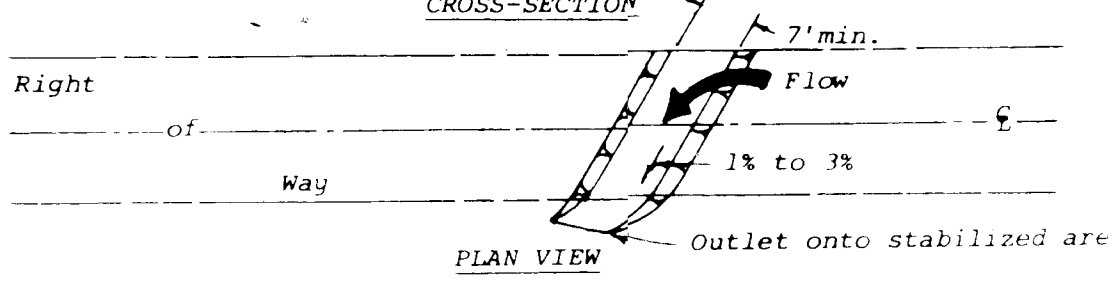
SILT FENCE DETAIL NOT TO SCALE



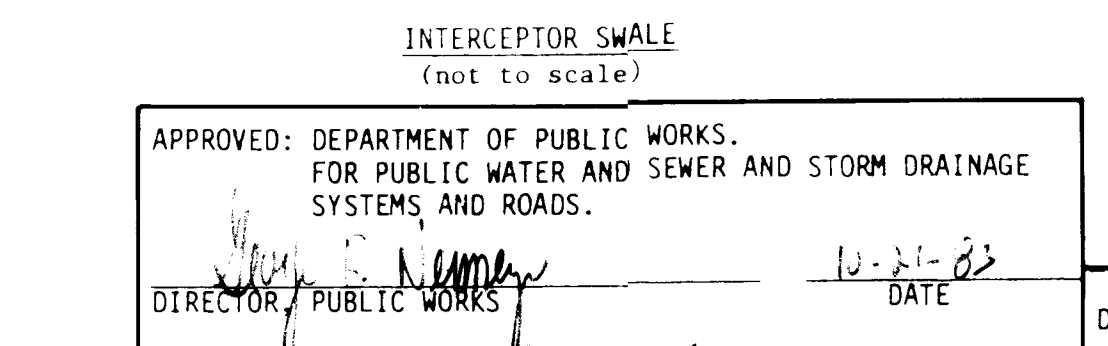
TREE PLANTING NOT TO SCALE



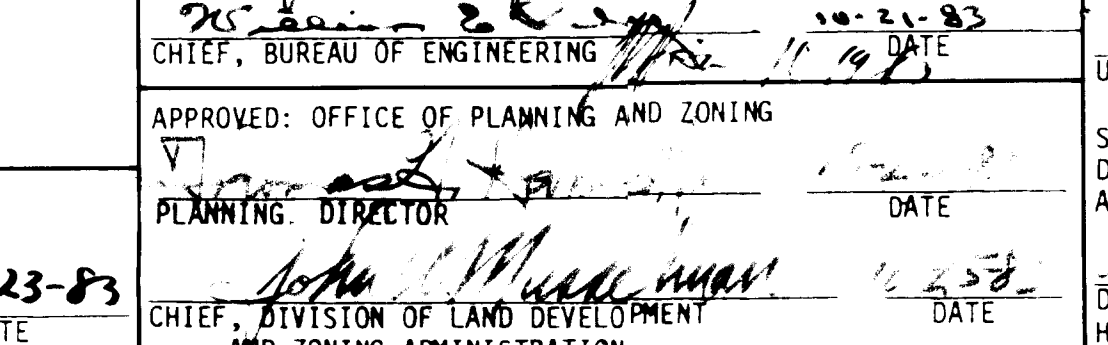
STABILIZED CONSTRUCTION ENTRANCE NOT TO SCALE



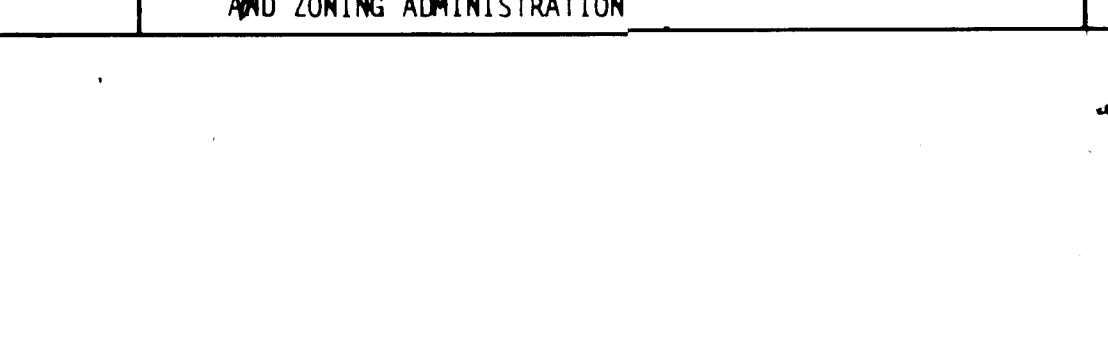
GRADING FOR PLANTING ON SLOPES



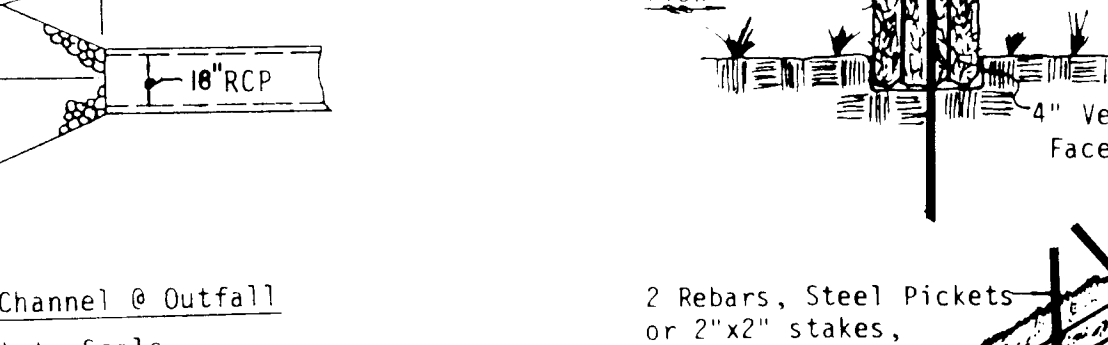
TYPICAL PARKING DETAIL NO SCALE



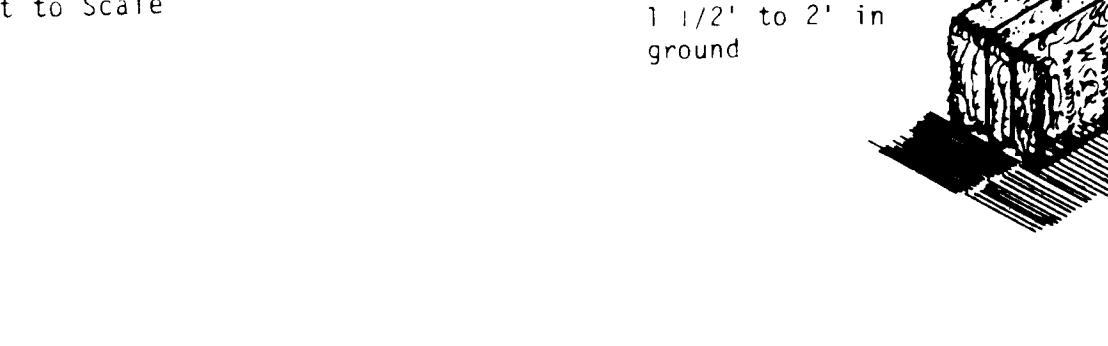
HANDICAPPED SIGN DETAIL NOT TO SCALE



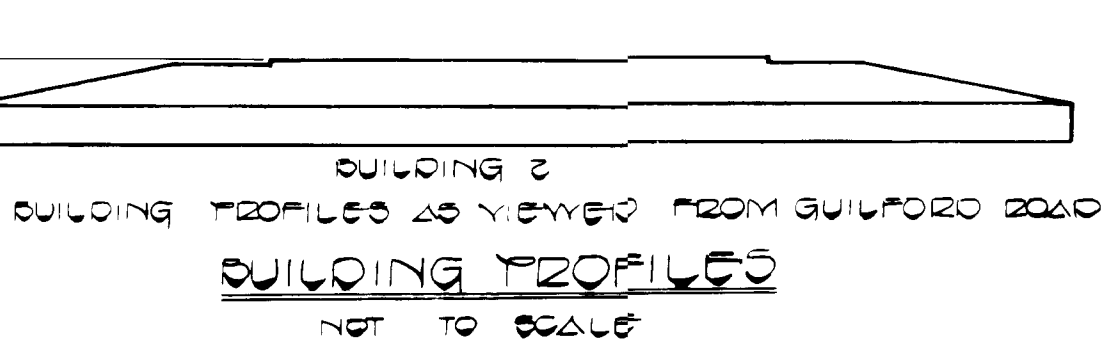
CURB CUT DETAIL FOR HANDICAPPED RAMP NO SCALE



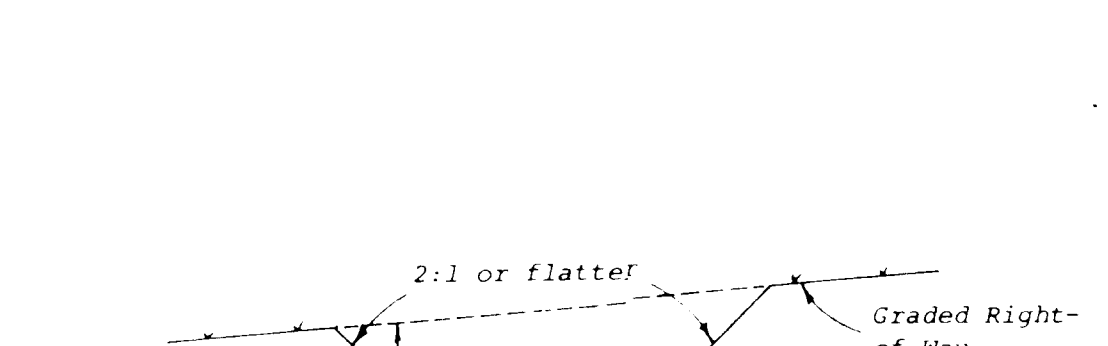
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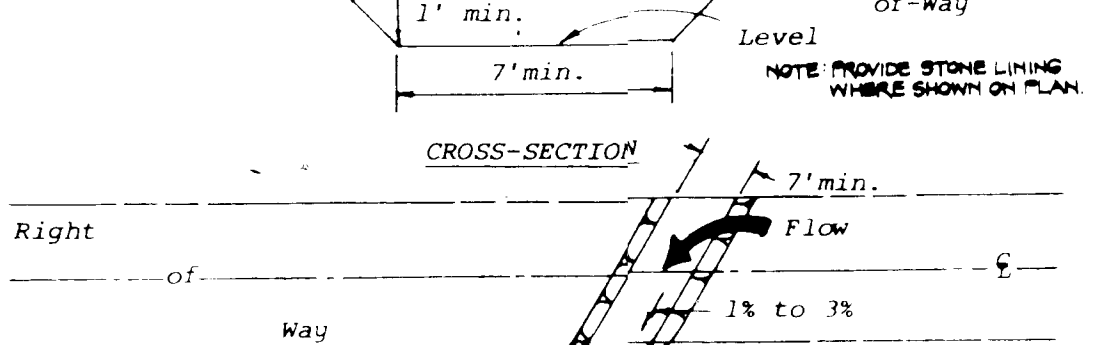
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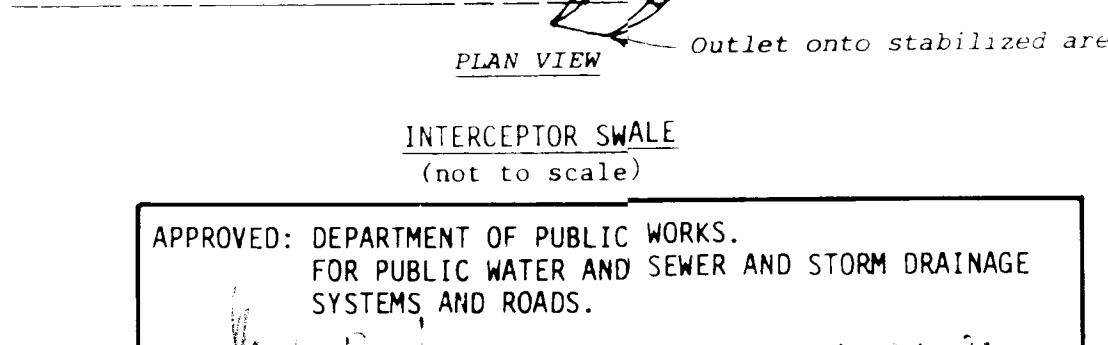
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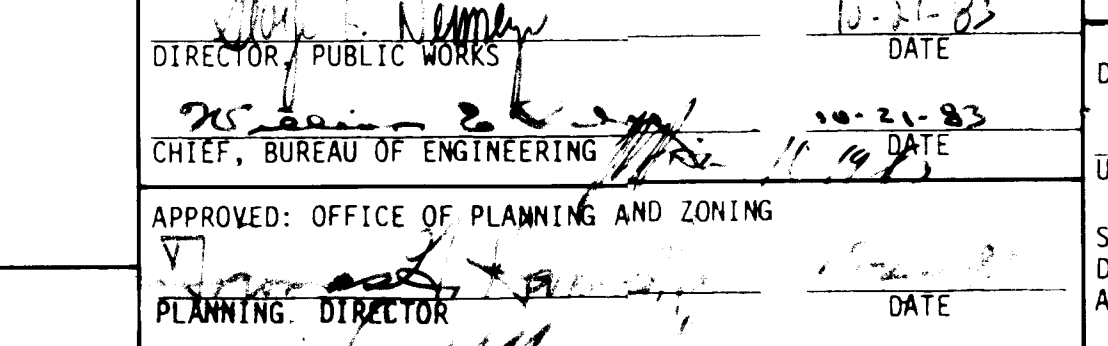
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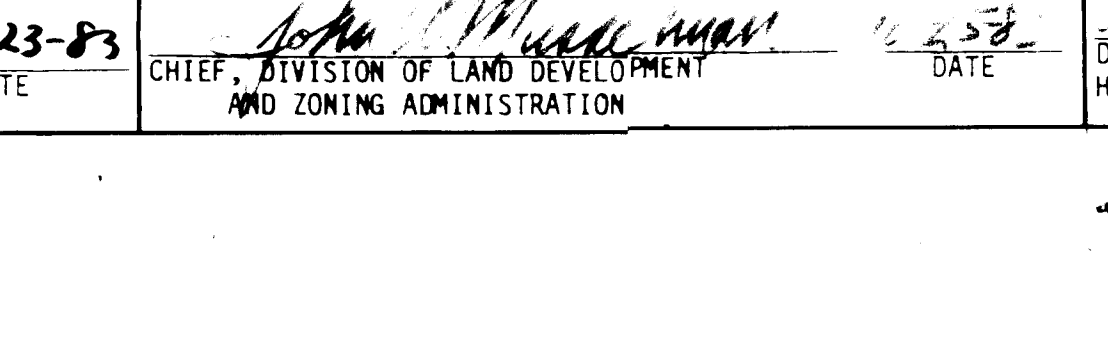
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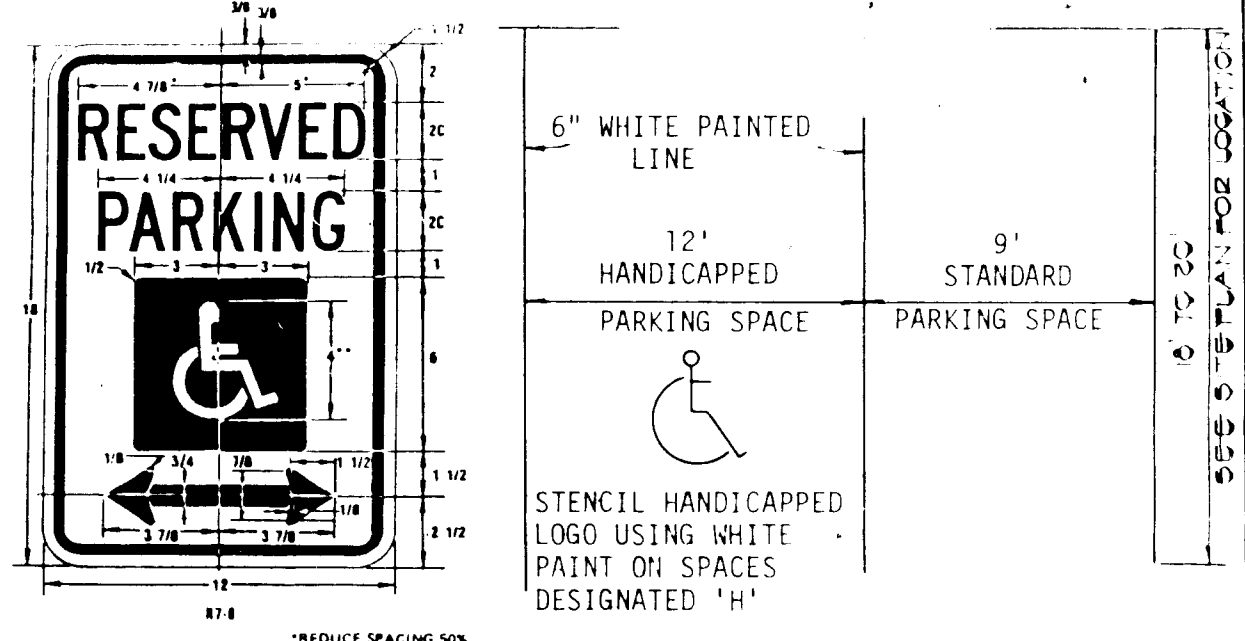
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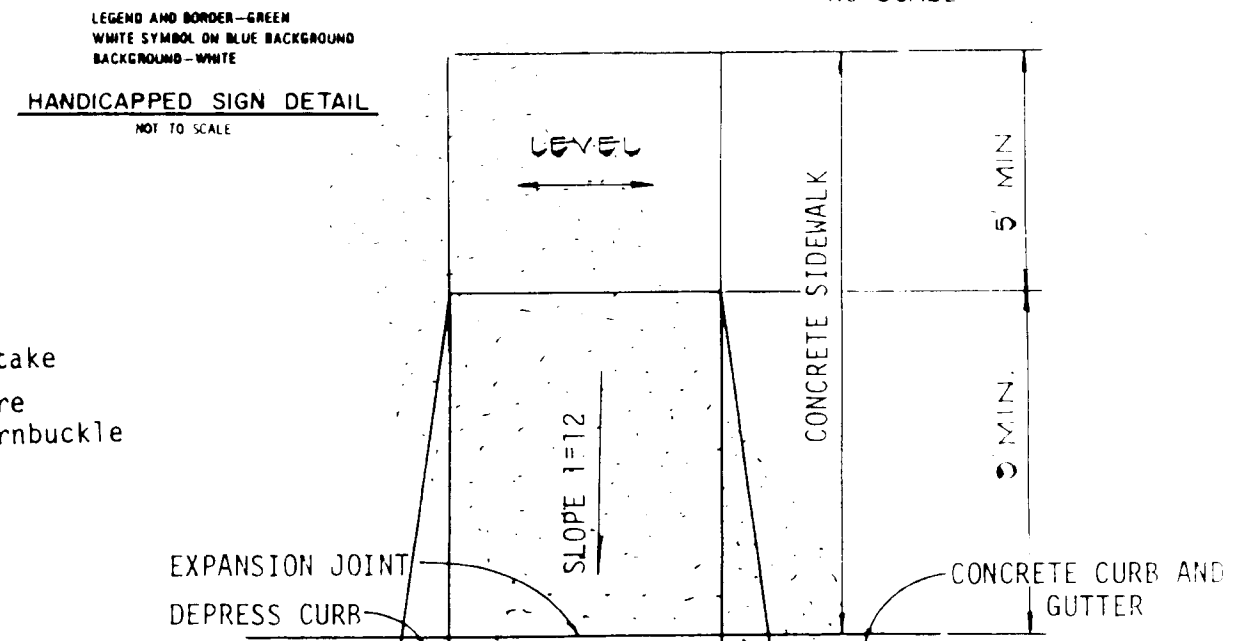
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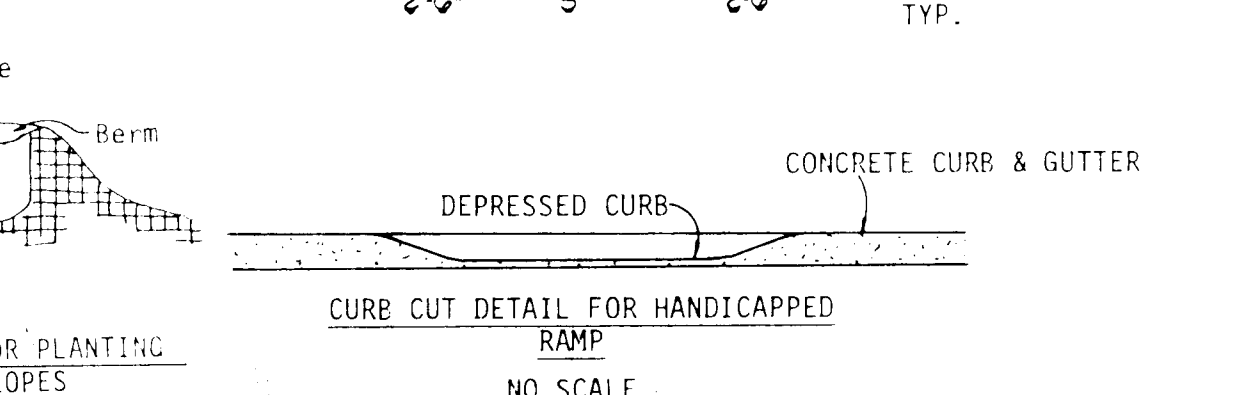
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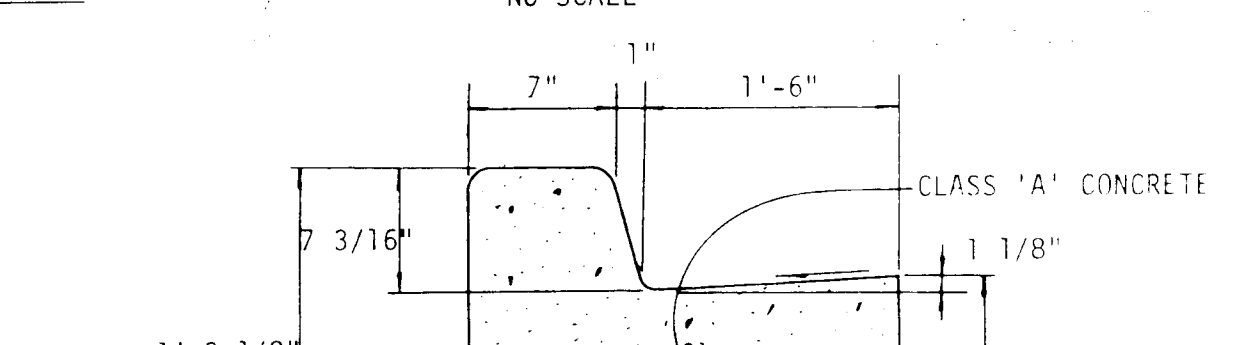
RESERVED PARKING



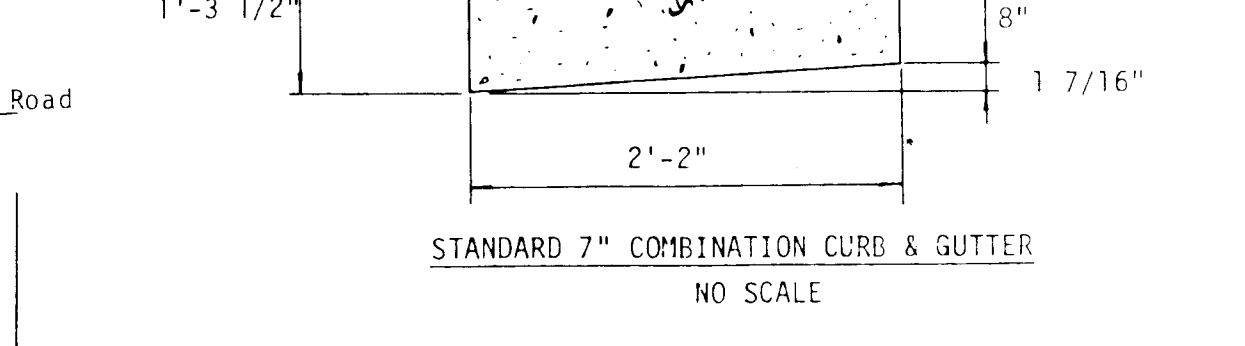
HANDICAPPED SIGN DETAIL NOT TO SCALE



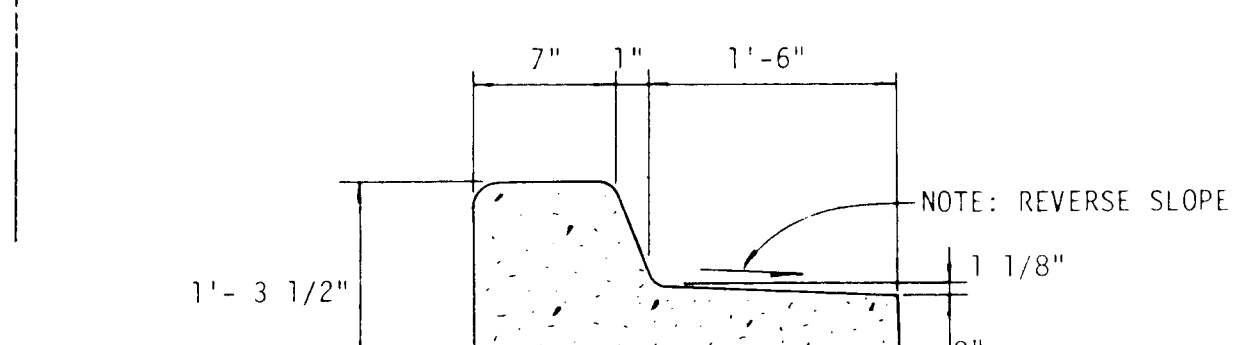
STAKING DETAIL NOT TO SCALE



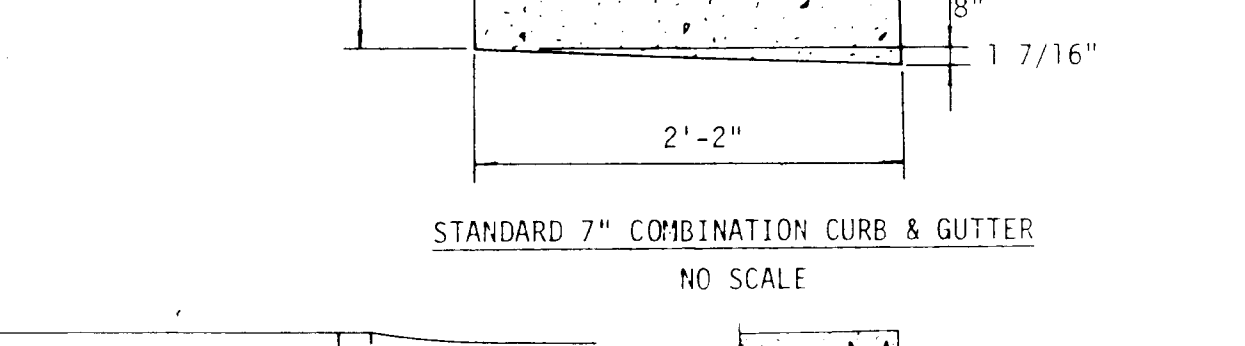
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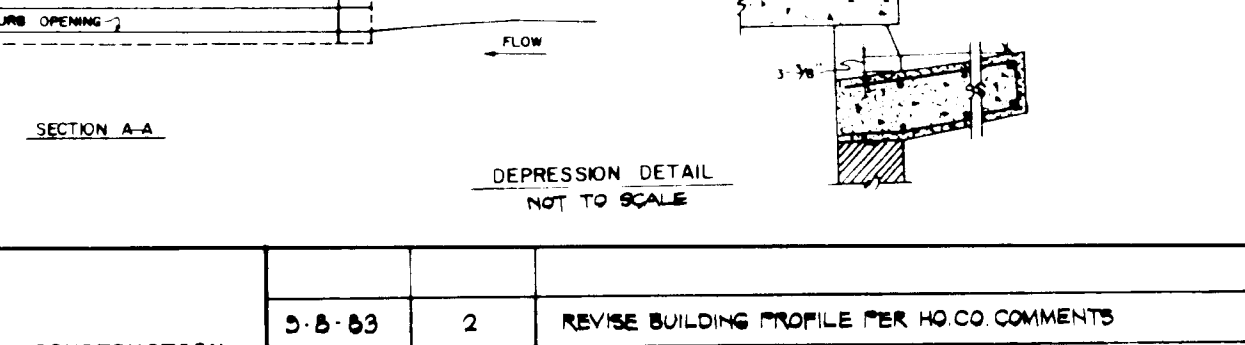
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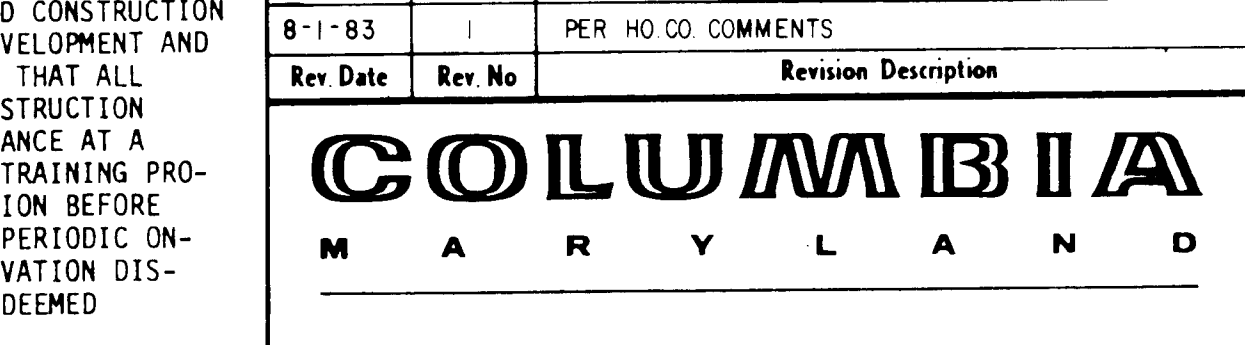
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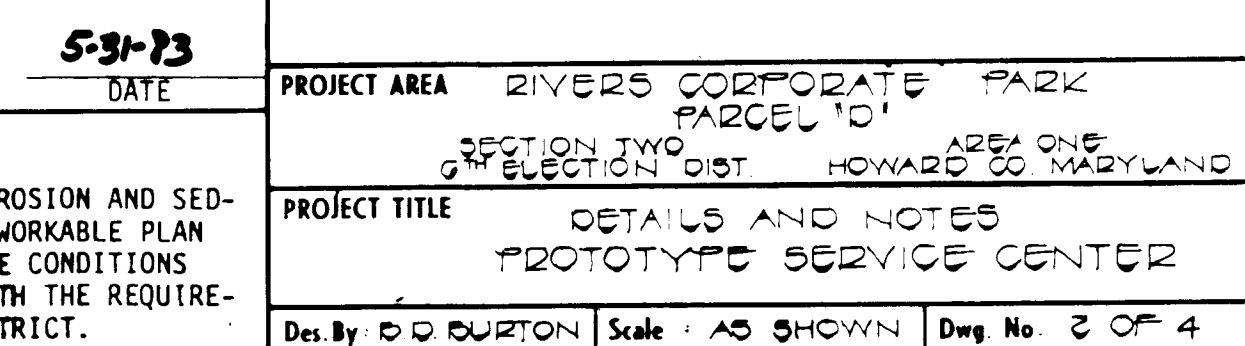
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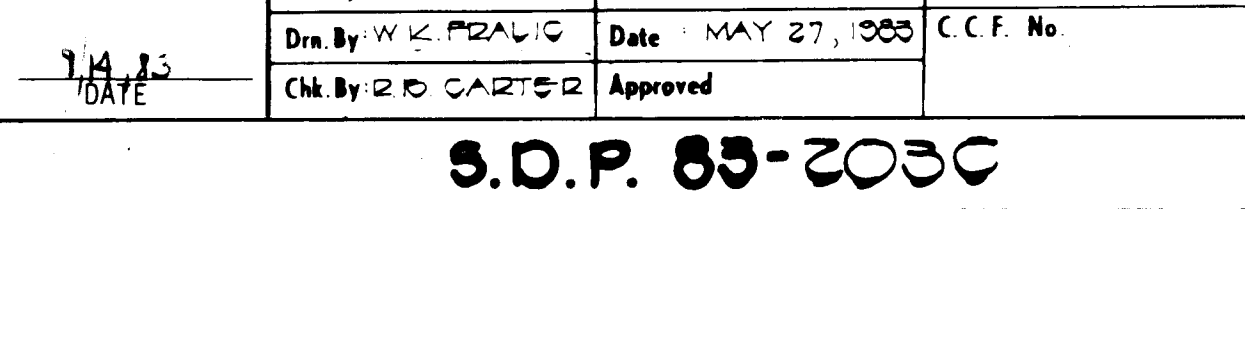
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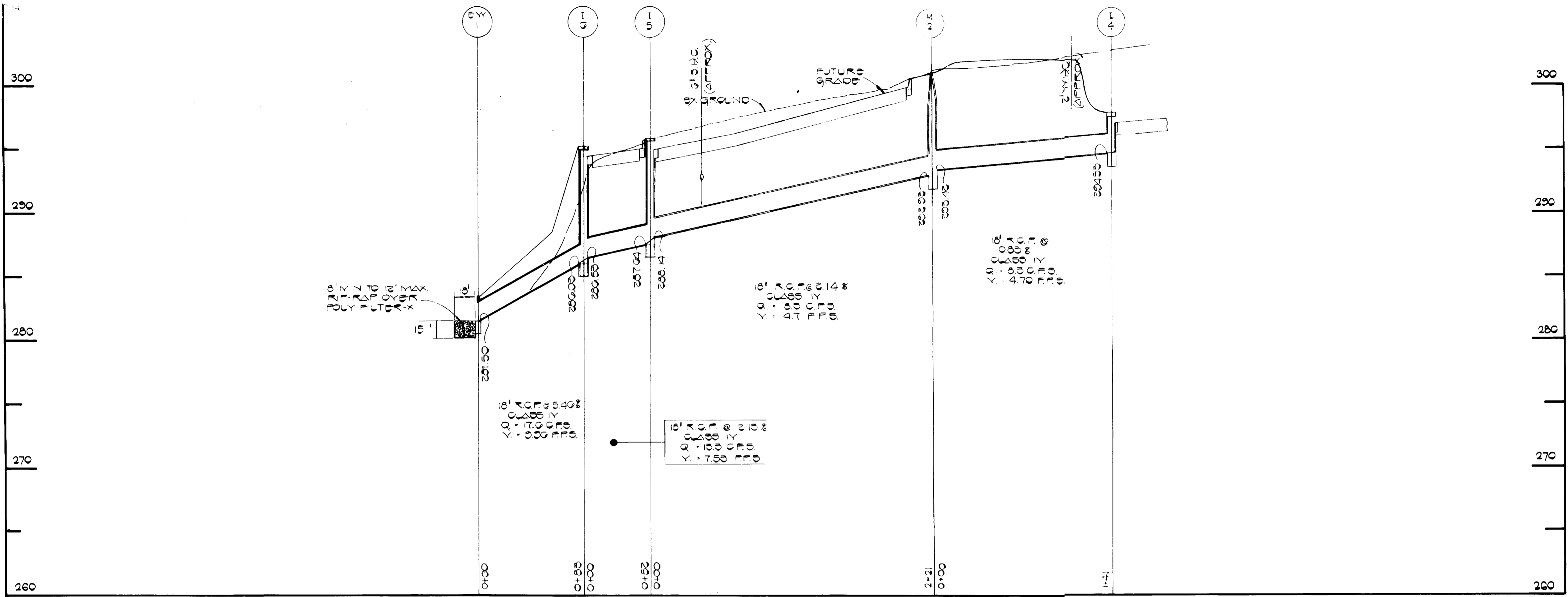
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STANDARD 7\"/>

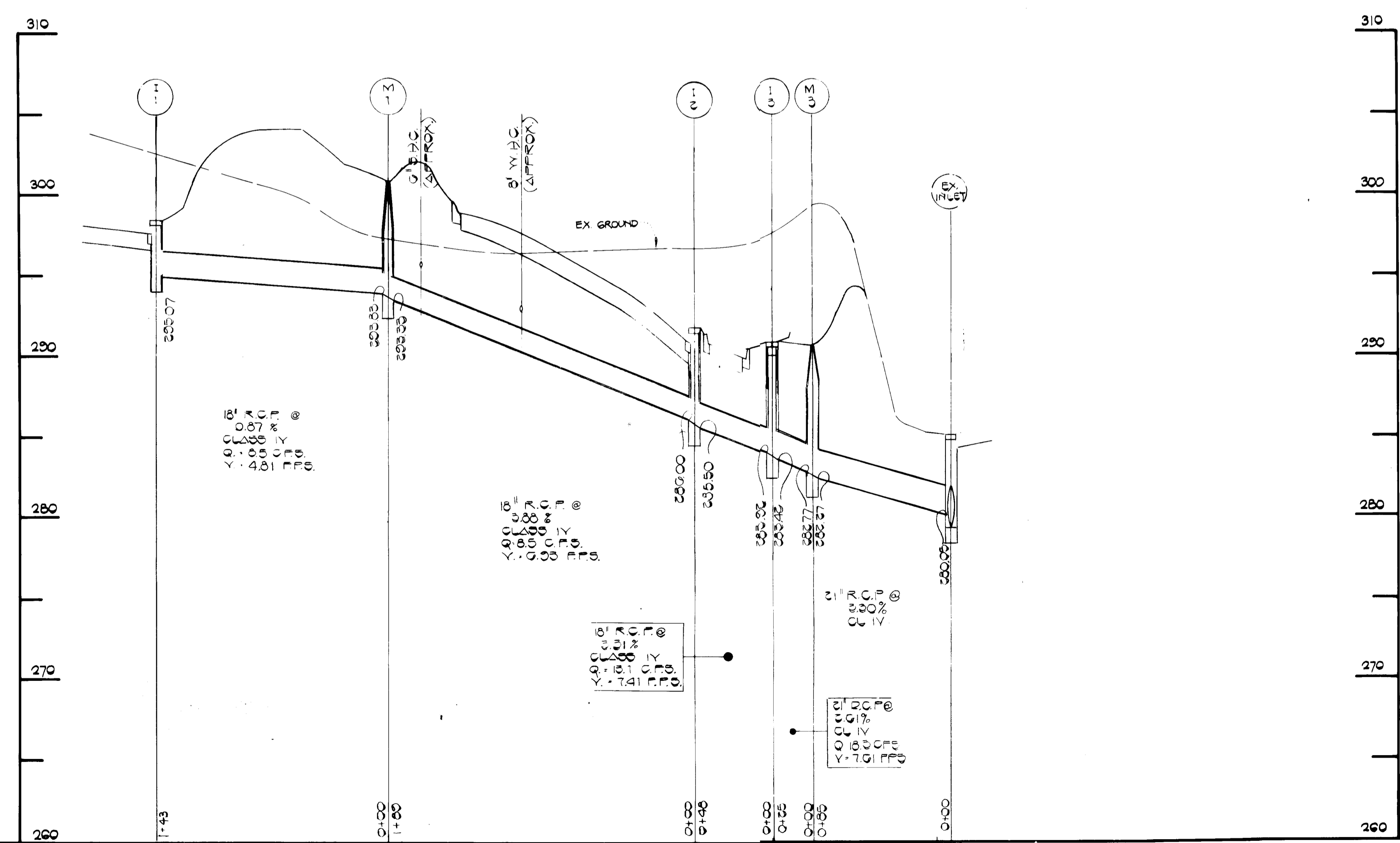


STANDARD 7\"/>



**STORM DRAIN PROFILES**

SCALE HORIZONTAL 1"=50  
VERTICAL 1"=5



9-7-83  
A.M.



**FISHER, COLLINS AND CARTER**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8320 COURT AVENUE  
ELLICOTT CITY, MARYLAND 21043  
301-461-2855

OWNER & DEVELOPER  
ROUSE & ASSOCIATES  
TREETOPS  
SUITE 100  
8181 PROFESSIONAL PLACE  
LANDOVER, MD. 20785

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

SIGNATURE OF ENGINEER: [Signature] DATE: 11/3

**DEVELOPER'S CERTIFICATE**

"I/WE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER: **Chapman M. Carr II** DATE: 5-31-83

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

SIGNATURE: [Signature] DATE: 9-1-83  
U.S. SOIL CONSERVATION SERVICE

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

APPROVED: [Signature] DATE: 9-1-83  
DISTRICT COORDINATOR  
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

SIGNATURE: [Signature] DATE: 10-2-83  
DIRECTOR, PUBLIC WORKS

SIGNATURE: [Signature] DATE: 10-2-83  
CHIEF, BUREAU OF ENGINEERING

APPROVED: OFFICE OF PLANNING AND ZONING

SIGNATURE: [Signature] DATE: 10-2-83  
PLANNING DIRECTOR

SIGNATURE: [Signature] DATE: 10-2-83  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

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

SIGNATURE: [Signature] DATE: 10-28-83  
HEALTH OFFICER

| M-3                | FORECAST | 206.77  | 206.27   | 200.50    | 0 5.12   |
|--------------------|----------|---------|----------|-----------|----------|
| STRUCTURE SCHEDULE |          |         |          |           |          |
| NO.                | TYPE     | INV. IN | INV. OUT | TOP ELEV. |          |
| 1-1                | A-10     | --      | 200.07   | 297.33    | SD 4.02' |
| 1-2                | A-5      | 285.00  | 285.50   | 291.83    | SD 4.01' |
| 1-3                | A-5      | 285.02  | 285.42   | 290.83    | SD 4.01' |
| 1-4                | A-10     | --      | 204.53   | 297.83    | SD 4.02' |
| 1-5                | A-5      | 288.74  | 287.04   | 295.83    | SD 4.01' |
| 1-6                | A-5      | 285.53  | 285.03   | 295.23    | SD 4.01' |
| M-1                | PRECAST  | 203.83  | 203.33   | 301.00    | G 5.12   |
| M-2                | PRECAST  | 280.00  | 285.50   | 301.00    | G 5.12   |
| EW-1               | C        | --      | 281.50   | 283.75    | SD 5.21  |

\* SEE INLET DEPRESSION DETAIL SHEET 2 OF 4

| Rev. Date | Rev. No. | Revision Description                |
|-----------|----------|-------------------------------------|
| 5-22-84   | 5        | REVISE PROFILES FOR GRADING         |
| 9-27-83   | 4        | REVISE PROFILES PER H&D COMMENTS    |
| 8-8-83    | 3        | REVISE PROFILES FOR REVISED GRADING |
| 8-16-83   | 2        | REVISE PROFILES FOR REVISED GRADING |
| 6-8-83    | 1        | PER H&D COMMENTS, REVISE PROFILES   |

**COLUMBIA**  
MARYLAND

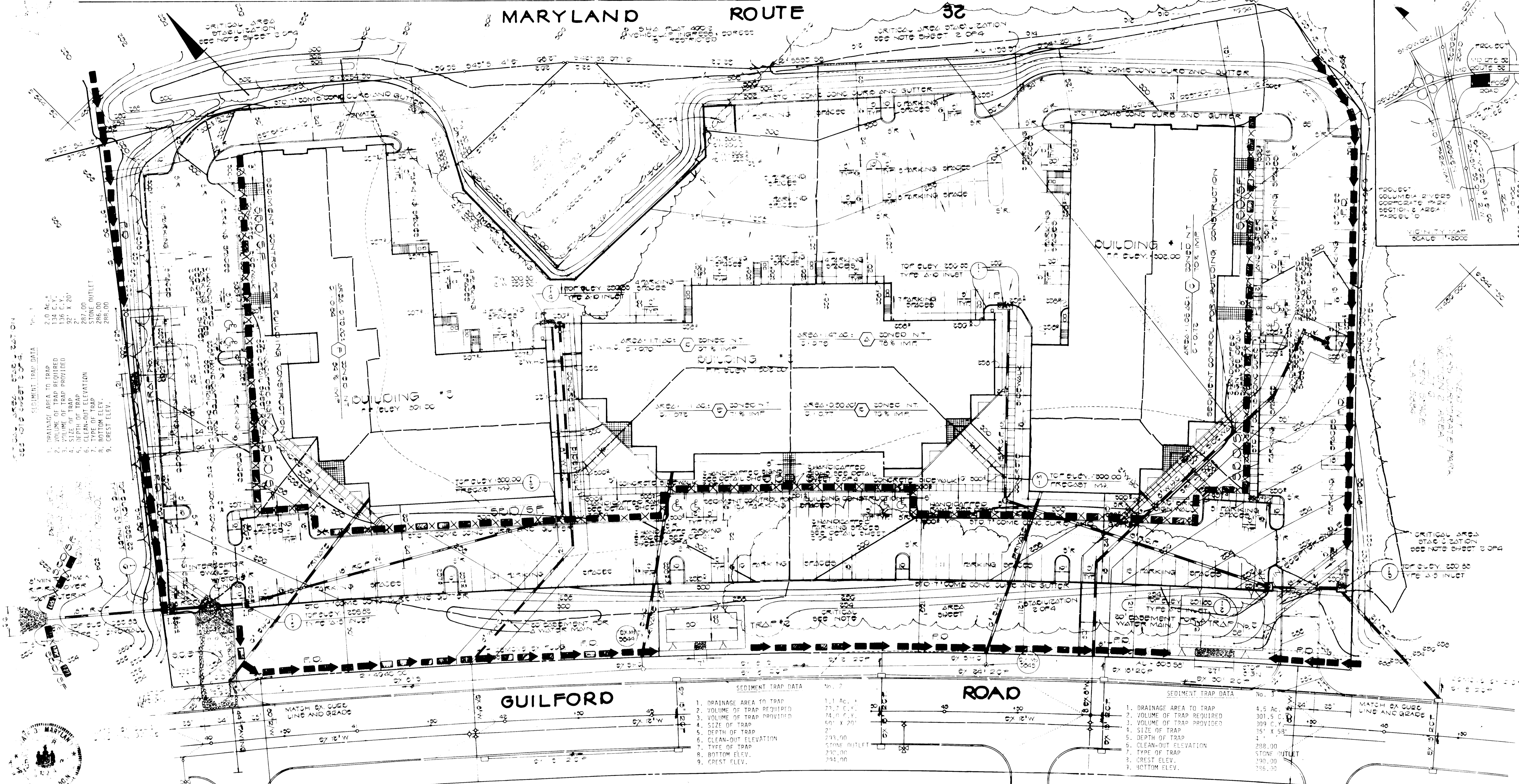
PROJECT AREA: RIVERS CORPORATE PARK  
PARCEL 101

SECTION TWO 6TH ELECTION DISTRICT AREA ONE HOWARD COUNTY, MARYLAND

PROJECT TITLE: STORM DRAIN PROFILES  
PROTOTYPE SERVICE CENTER

Des. By: B.D. BURTON Scale: AS SHOWN Dwg. No. 3 OF 4  
 Dwn. By: B.D. BURTON Date: MAY 27, 1983 C.C.F. No.  
 Chk. By: R.B. CARTER Approved

MARYLAND ROUTE 32



SEDIMENT TRAP DATA No. 1

1. DRAINAGE AREA TO TRAP 2.0 AC.

2. VOLUME OF TRAP PROVIDED 136 C.Y.

3. SIZE OF TRAP 92" X 20"

4. DEPTH OF TRAP 2'

5. CLEAN-OUT ELEVATION 287.00

6. TYPE OF TRAP STONE OUTLET

7. BOTTOM ELEV. 286.00

8. CREST ELEV. 286.00

SEDIMENT TRAP DATA No. 2

1. DRAINAGE AREA TO TRAP 1.1 AC.

2. VOLUME OF TRAP PROVIDED 77.7 C.Y.

3. SIZE OF TRAP 74" X 20"

4. DEPTH OF TRAP 2'

5. CLEAN-OUT ELEVATION 293.00

6. TYPE OF TRAP STONE OUTLET

7. BOTTOM ELEV. 292.00

8. CREST ELEV. 294.00

SEDIMENT TRAP DATA No. 3

1. DRAINAGE AREA TO TRAP 4.5 AC.

2. VOLUME OF TRAP PROVIDED 301.5 C.Y.

3. SIZE OF TRAP 109" X 20"

4. DEPTH OF TRAP 2'

5. CLEAN-OUT ELEVATION 288.00

6. TYPE OF TRAP STONE OUTLET

7. BOTTOM ELEV. 286.00

8. CREST ELEV. 286.00



LEGEND

EXISTING CONTOUR (2' INTERVAL)

PROPOSED CONTOUR (2' INTERVAL)

SPOT ELEVATION

DRAINAGE FLOW

RETAINING WALL

EX. WOODS TO BE SAVED

STRAW BALE DIKE (S.B.D.)

SILT FENCE (S.F.)

STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)

PERIMETER DIKE (P.D.)

**FISHER, COLLINS AND CARTER**

CONSULTING ENGINEERS AND LAND SURVEYORS

3000 SOUTH AVENUE

ROCKVILLE, MARYLAND 20850

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

HEALTH OFFICER: *[Signature]* DATE: 9-24-83

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, PUBLIC WORKS: *[Signature]* DATE: 9-24-83

CHIEF, BUREAU OF ENGINEERING: *[Signature]* DATE: 9-24-83

APPROVED: OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR: *[Signature]* DATE: 9-25-83

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION: *[Signature]* DATE: 9-25-83

OWNER & DEVELOPER: ROUSE & ASSOCIATES, TRETOPS, SUITE 100, 8181 PROFESSIONAL PLACE, LANDOVER, MD. 20785

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE: *[Signature]* DATE: 9-14-83

DISTRICT COORDINATOR: HOWARD SOIL CONSERVATION DISTRICT

NOTE FOR SEDIMENT CONTROL ONLY SEE SHEET 1 OF 4 FOR PROPOSED GRADING

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

Signature of Developer: *Clifton M. Carr III* DATE: 5-31-83

ENGINEER'S CERTIFICATE

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

Signature of Engineer: *[Signature]* DATE: 9-28-83

| Rev. No. | Rev. Date | Revision Description                  |
|----------|-----------|---------------------------------------|
| 1        | 5-31-83   | PER HOWD COMMENTS ON BUILDING GRADING |

**COLUMBIA**  
M A R Y L A N D

DRAINAGE AREA MAP

DIRECT AREA: RIVERS' CORPORATE PARK

SECTION TWO: PARCEL 10

PROJECT TITLE: SEDIMENT CONTROL PLAN

PROTOTYPE SERVICE CENTER

DES. BY: B.D. BURTON SCALE: AS SHOWN DWG. NO. 40F4

DRN. BY: W.K. FRALIC DATE: MAY 27, 1983 C.C.F. NO.

CHK. BY: R.B. CARTER APPROVED