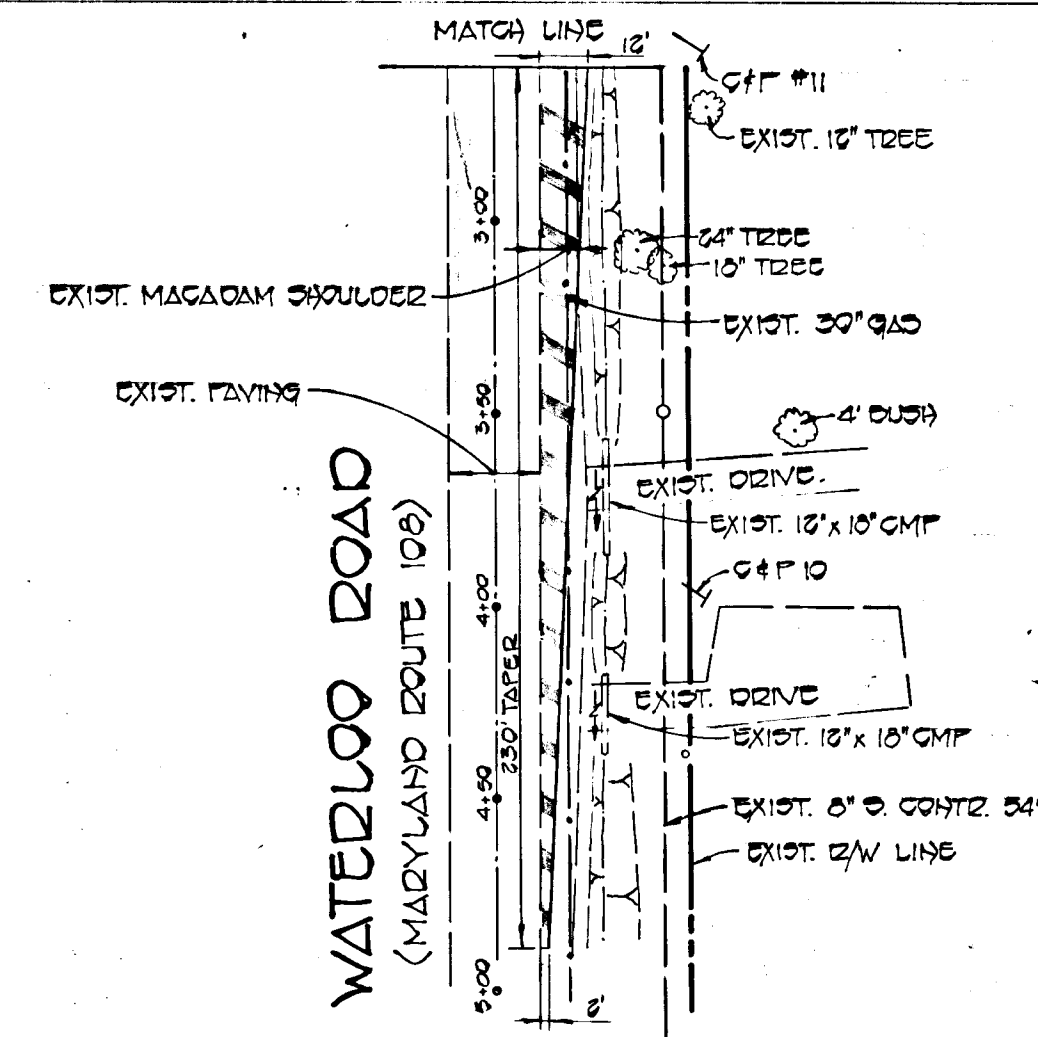


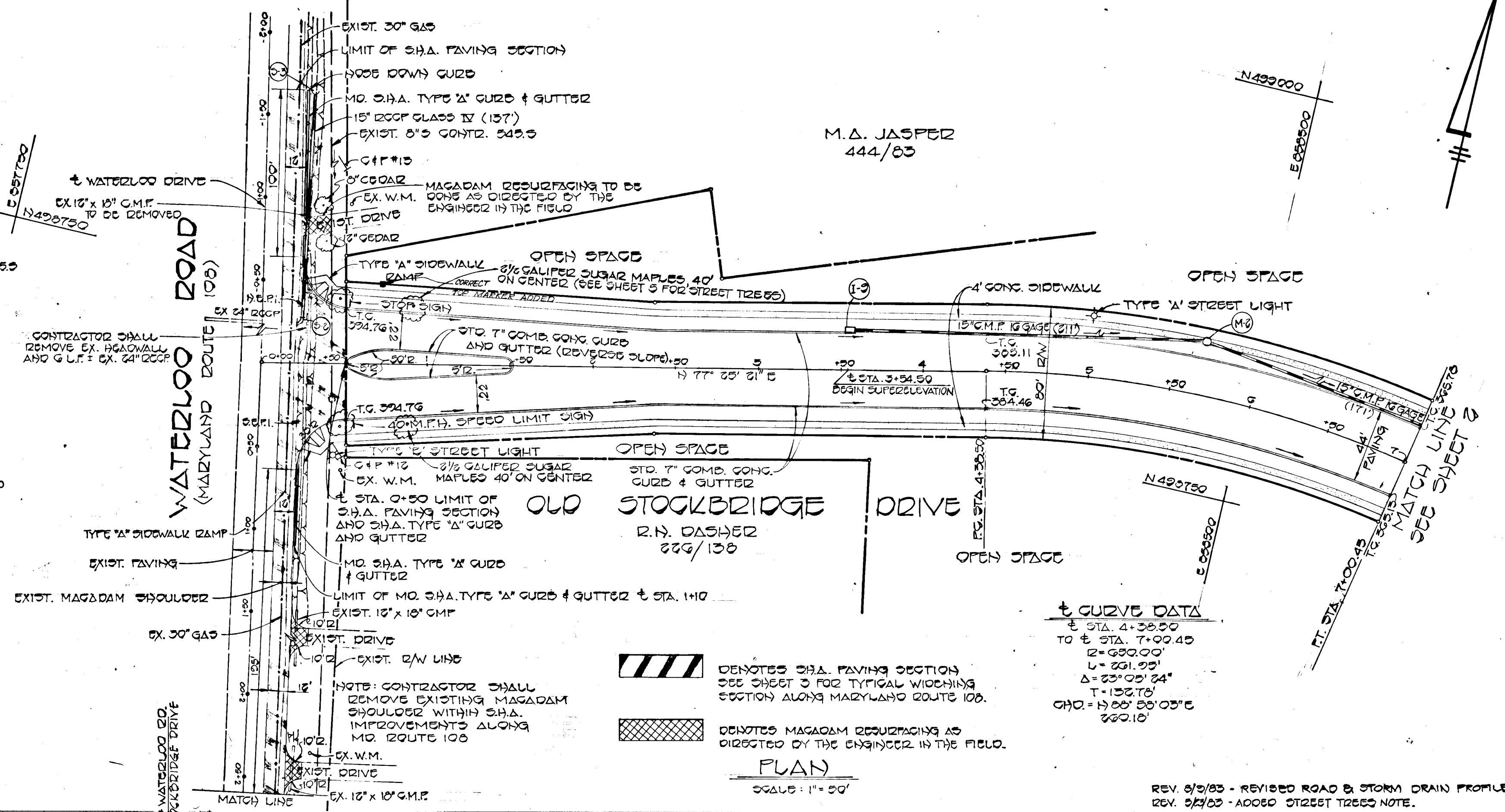
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BY	
NO.	
SCALE	
REVISIONS	
1	AS SHOWN
2	AS NOTED
3	AS NOTED
4	AS NOTED
5	AS NOTED
6	AS NOTED
7	AS NOTED
8	AS NOTED
9	AS NOTED
10	AS NOTED



**GENERAL NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS SPECIFICATION AND DETAILS FOR CONSTRUCTION.
2. ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
3. STORM DRAIN TRENCHES WITHIN ROAD RIGHT-OF-WAYS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
4. ANY DAMAGE TO PUBLIC RIGHT OF WAYS OR PAVING WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
5. CONTRACTOR TO NOTIFY THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS AND PERMITS AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWING. TELEPHONE : 992-2430

DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 5/20/83  
 OFFICE OF PLANNING AND ZONING  
*[Signature]* 5/20/83  
 DATE



**PLAN**  
 SCALE: 1" = 50'

/// DENOTES S.H.A. PAVING SECTION SEE SHEET 3 FOR TYPICAL WIDENING SECTION ALONG MARYLAND ROUTE 108.

XXXX DENOTES MAGADAM RESURFACING AS DIRECTED BY THE ENGINEER IN THE FIELD.

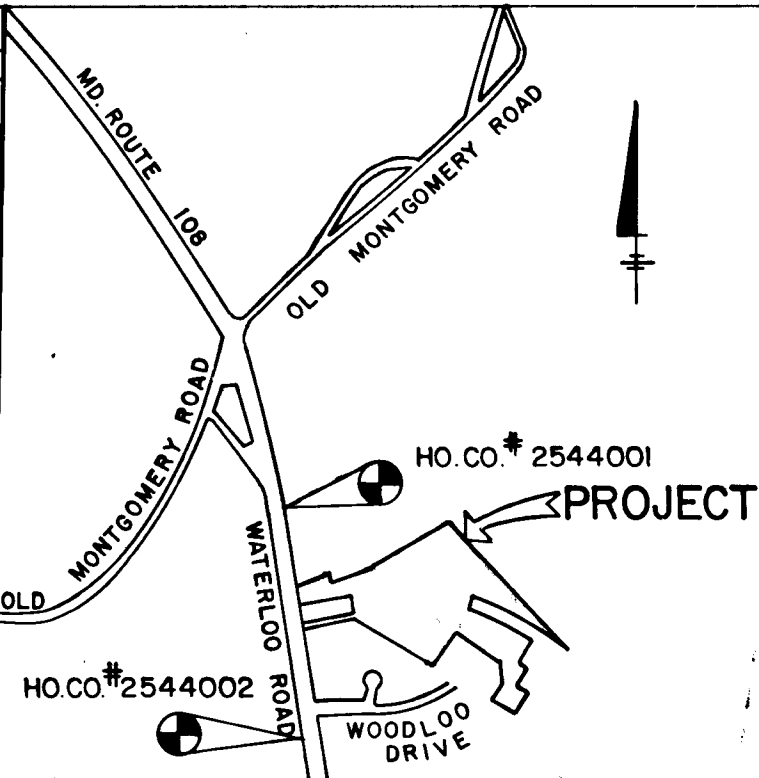
**CURVE DATA**

± STA. 4+38.50
TO ± STA. 7+00.45
L = 600.00'
Δ = 53° 00' 24"
T = 150.75'
CHD = 19 50' 00" 03" E 66° 12'

**SUPERELEVATION DATA**

± STA.	NORTH T.G.	SOUTH T.G.
3+04.50	300.50	308.50
3+15	301.75	307.25
4+00	306.83	302.17
4+25	305.74	303.26
4+30.50	305.11	303.89
4+50	304.54	304.46
4+75	303.20	305.80
4+80.50	302.90	306.10
5+00	301.63	307.37
5+25	302.90	306.10
5+50	308.07	301.13
5+75	306.11	303.17
6+00	304.11	305.17
6+25	302.11	307.17
6+50	302.11	307.17
6+50.45	302.43	306.85
6+75	307.39	301.17
7+00	303.75	305.10
7+25	301.84	303.07
7+50	302.59	302.32
7+54.45	300.02	300.02

NOTE: CONTRACTOR SHALL REVERSE NORTH GUTTER PAN SLOPE FROM ± STA. 4+17.50 TO ± STA. 7+21.45



**VICINITY MAP**  
 SCALE: 1" = 1,200'

**BENCH MARKS**

- HO CO# 2544001 ELEV. 401.10'  
 CONCRETE MONUMENT 0.2' BELOW SURFACE 28.85' SOUTH OF G.B.E. POLE#254632 ON EAST SIDE OF MD. ROUTE 108
- HO. CO.#2544002 ELEV. 384.01'  
 CONCRETE MONUMENT 0.1' BELOW SURFACE 44.56' NORTH OF G.B.E. POLE#234001 ON WEST SIDE OF MD. ROUTE 108

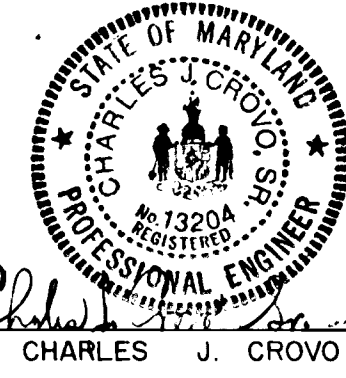
**WOODLAND PARK SECTION TWO, AREA ONE**  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**OLD STOCKBRIDGE DRIVE PLAN AND PROFILE**

OWNER AND DEVELOPER  
 JAMES W. KING MEADOWLAND JOINT VENTURE  
 6567 FREETOWN ROAD 8659 BALTIMORE NATIONAL PIKE  
 SIMPSONVILLE, MARYLAND 21150 ELLICOTT CITY, MARYLAND 21043

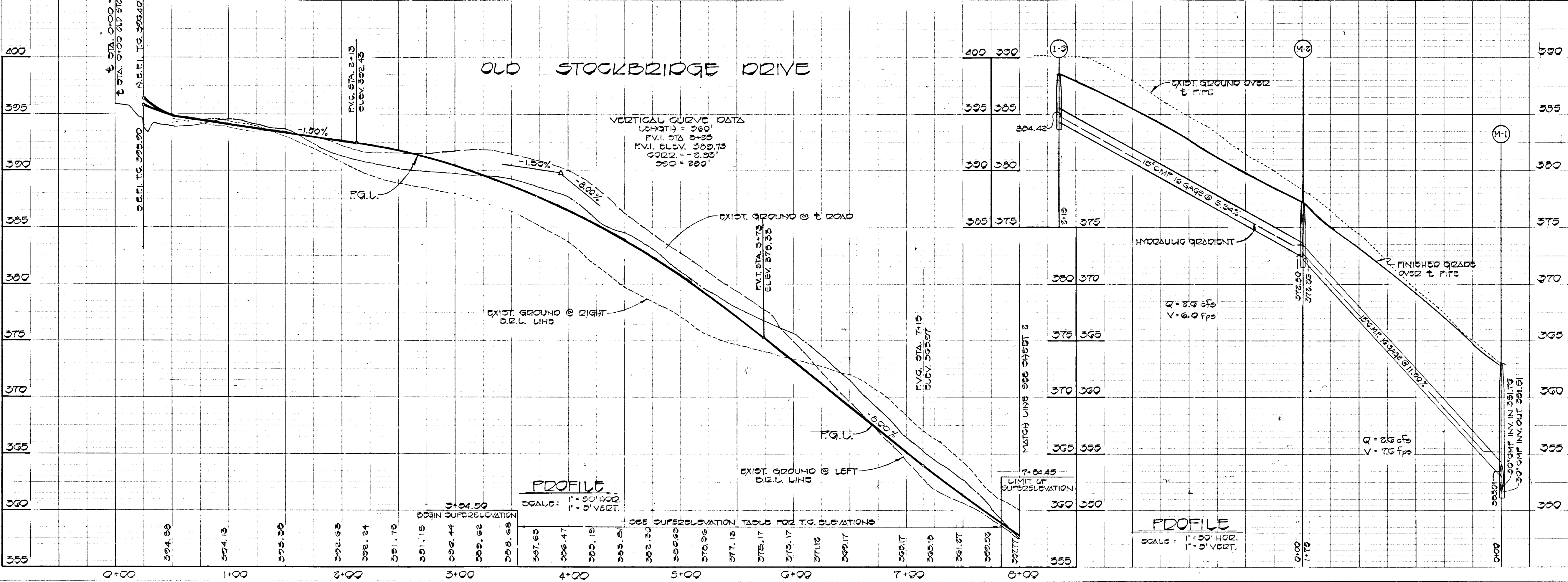
SCALE AS SHOWN DATE FEB. 11, 1983 DWG. NO. 1 OF 5  
 DES. C. CROVO DRN. A. BOGDAN CHK. R. B. CARTER

FISHER, COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043



REV. 9/2/83 - REVISED ROAD & STORM DRAIN PROFILE  
 REV. 3/2/83 - ADDED STREET TREES NOTE.

DATE	
BY	
NO.	
SCALE	
REVISIONS	
1	AS SHOWN
2	AS NOTED
3	AS NOTED
4	AS NOTED
5	AS NOTED
6	AS NOTED
7	AS NOTED
8	AS NOTED
9	AS NOTED
10	AS NOTED



**PROFILE**  
 SCALE: 1" = 50' HOR.  
 1" = 5' VERT.

**PROFILE**  
 SCALE: 1" = 50' HOR.  
 1" = 5' VERT.

#976

F-83-79

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NO. \_\_\_\_\_

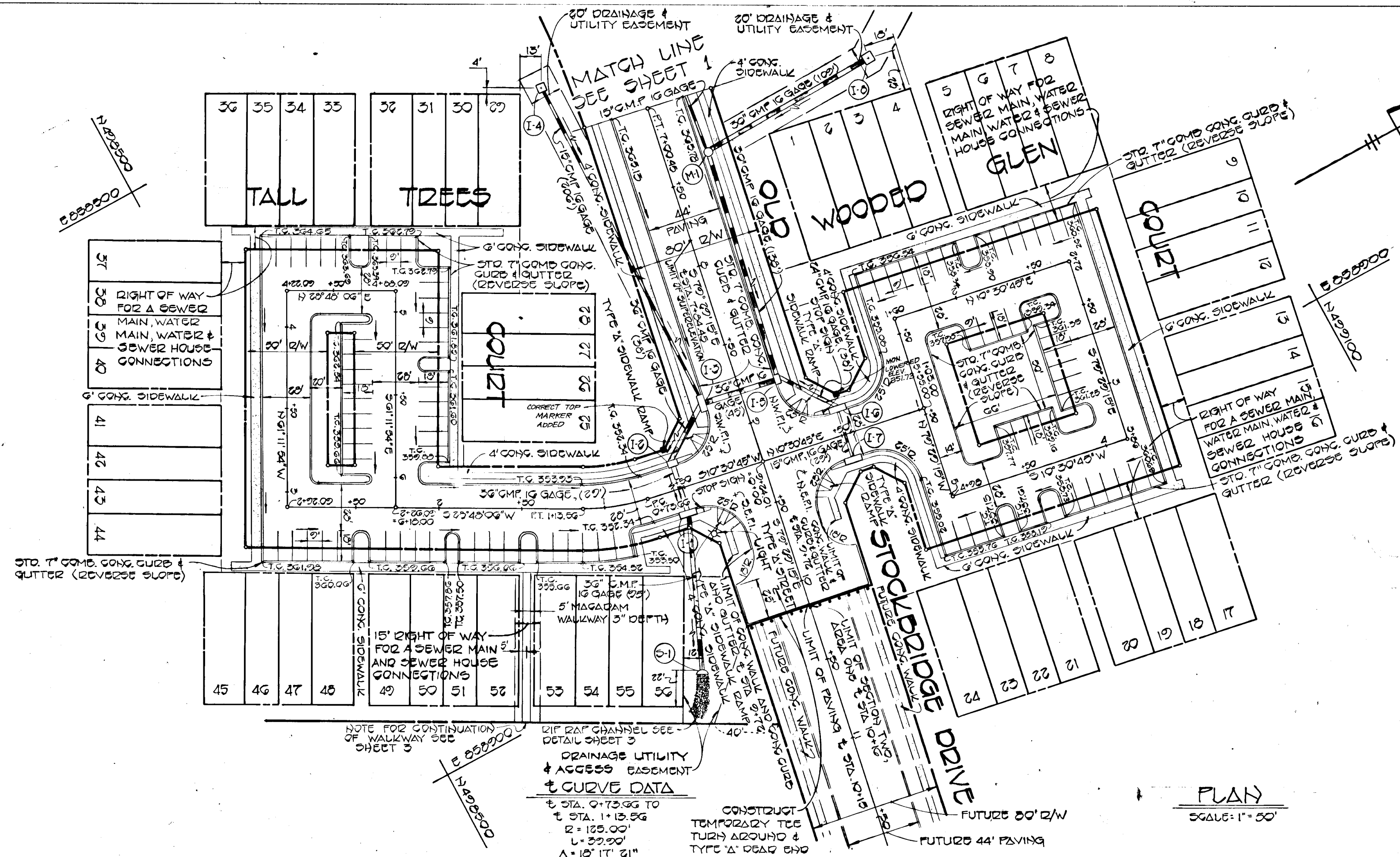
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 NO. \_\_\_\_\_

#976

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF ENGINEERING  
 DATE: **7-12-83**

APPROVED  
 OFFICE OF PLANNING AND ZONING  
 ZONING ADMINISTRATION  
 DATE: **5-6-83**

NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-1	A-10 WITH DEFLECTORS	342.88	341.09	351.51	DRWG. 00 4.02 ± 4.03 ± STA. 0+55 14' LEFT
I-2	A-9 WITH DEFLECTORS	343.21	342.27	351.51	DRWG. 00 4.01 ± 4.03 ± STA. 0+55 14' RIGHT
I-3	A-10 WITH DEFLECTORS	343.16	343.90	353.28	DRWG. 00 4.02 ± 4.03 ± STA. 8+79 33' RIGHT
I-4	10" INLET	-	344.42	353.28	DRWG. 00 4.11 ALL 4 SIDES OPEN
I-5	A-5 WITH DEFLECTORS	345.93	344.93	353.09	DRWG. 00 4.01 ± 4.03 ± STA. 0+70 22' LEFT
I-6	A-10 WITH DEFLECTORS	346.50	347.43	351.51	DRWG. 00 4.02 ± 4.03 ± STA. 0+55 14' RIGHT
I-7	10" INLET	-	353.97	359.00	DRWG. 00 4.11 ALL 4 SIDES OPEN
M-1	STANDARD MANHOLE	353.01	351.51	352.23	DRWG. 00 3.01 ± STA. 1+27 27' LEFT
B-1	20" METAL END SECTION	-	353.90	353.90	DRWG. 00 5.61
B-2	20" CONCRETE END SECTION	-	353.50	353.75	DRWG. 00 5.52
I-8	A-5 WITH DEFLECTORS	-	354.42	355.42	DRWG. 00 4.01 ± 4.03 ± STA. 3+57 22' LEFT
M-2	STANDARD MANHOLE	373.59	372.29	377.23	DRWG. 00 1 ± STA. 5+36 33' LEFT



PLAN  
 SCALE: 1" = 50'

REV. 8/3/83 - CHANGED STRUCTURE SCHEDULE I-5 & M-2  
 REV. 2/24/83 - MOVED ISLAND ON TALL TREES COURT.



**WOODLAND PARK**  
 SECTION TWO, AREA ONE  
 FIRST ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

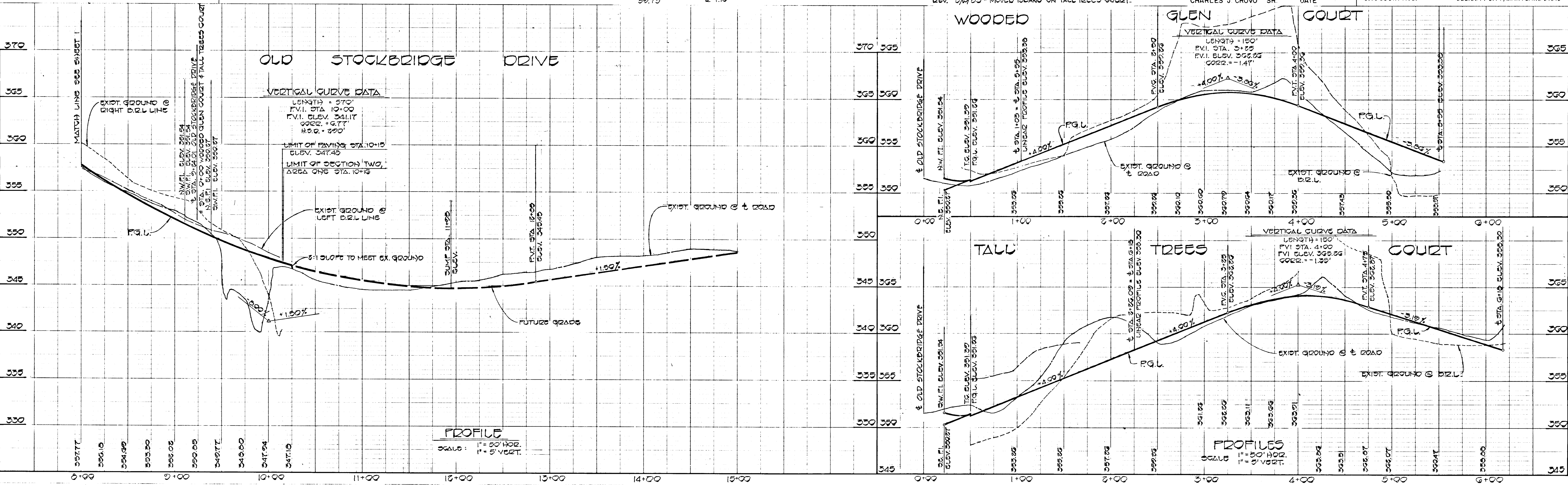
**OLD STOCKBRIDGE DRIVE**  
 PLAN AND PROFILE

**TALL TREES COURT AND WOODED GLEN COURT**  
 PLAN AND PROFILE

OWNER AND DEVELOPER  
 JAMES W. KING MEADOWLAND JOINT VENTURE  
 6567 FREETOWN ROAD 8659 BALTIMORE NATIONAL PIKE  
 SIMPSONVILLE, MARYLAND 21150 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE FEB. 11, 1983 DWG. NO. 2 OF 5  
 DES. C. CROVO DRN. A. BOGDAN CHK. R. B. CARTER

FISHER, COLLINS AND CARTER, INC.  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

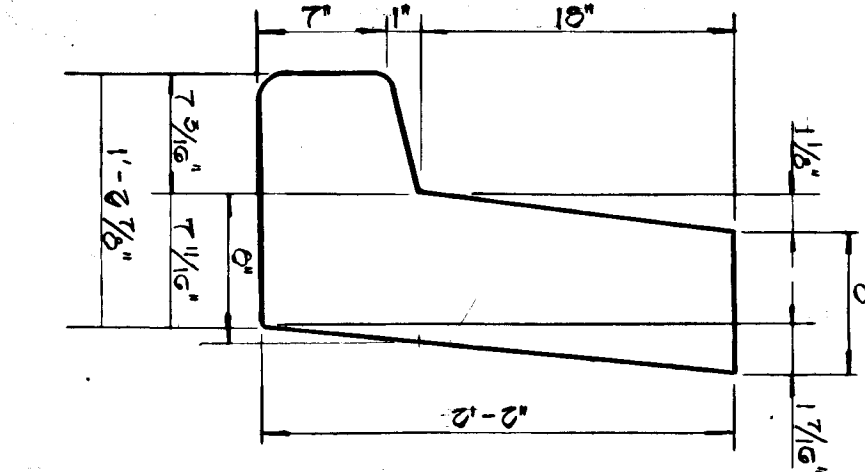
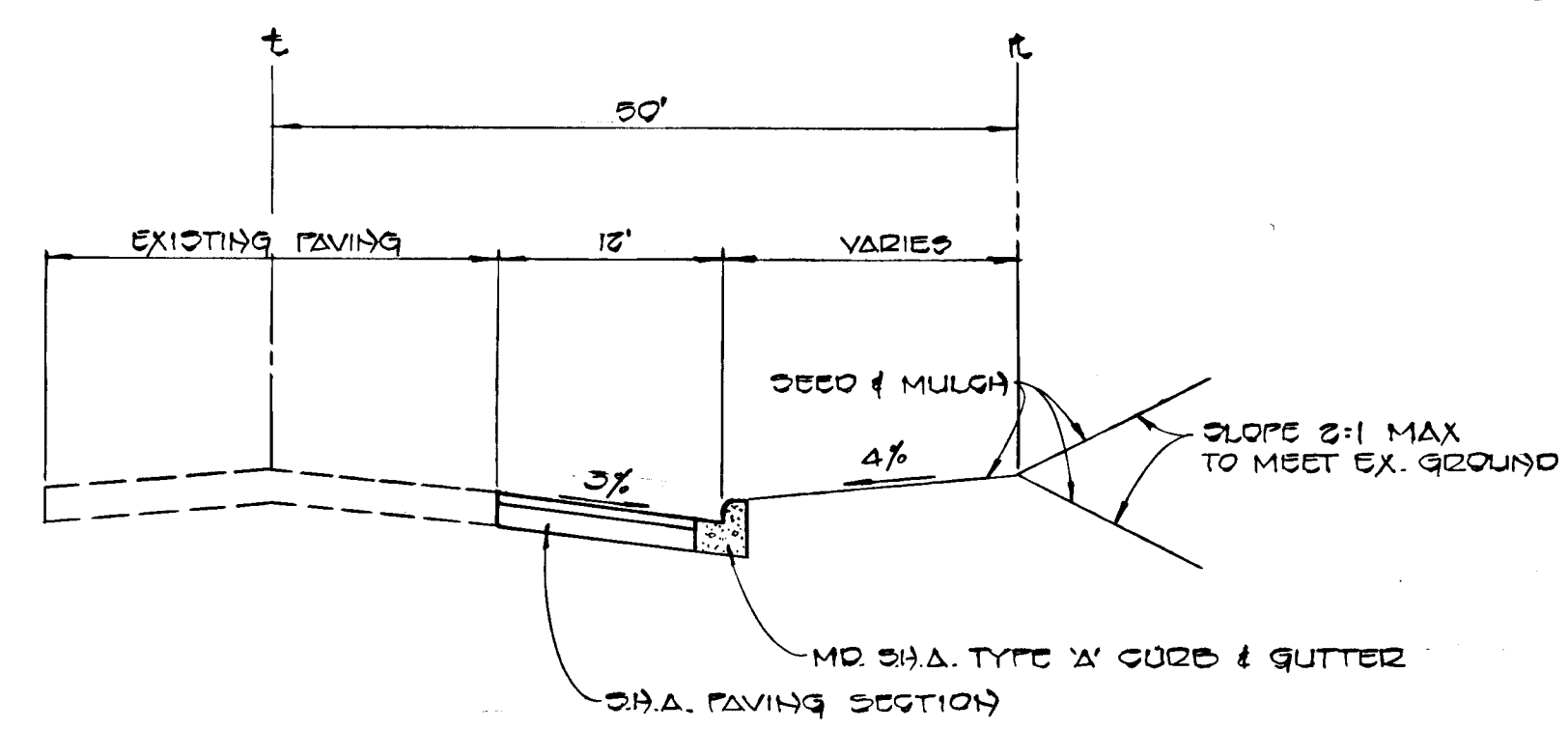
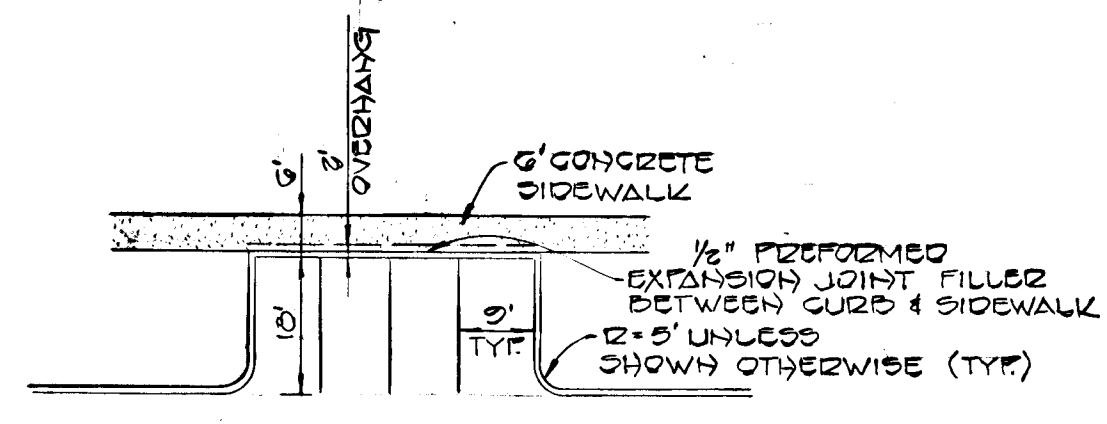
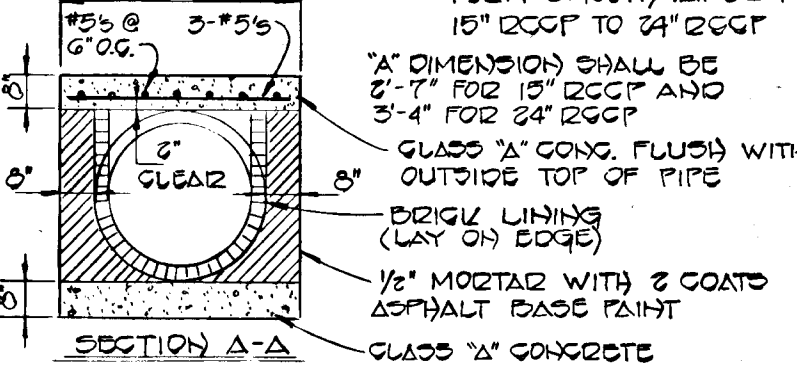
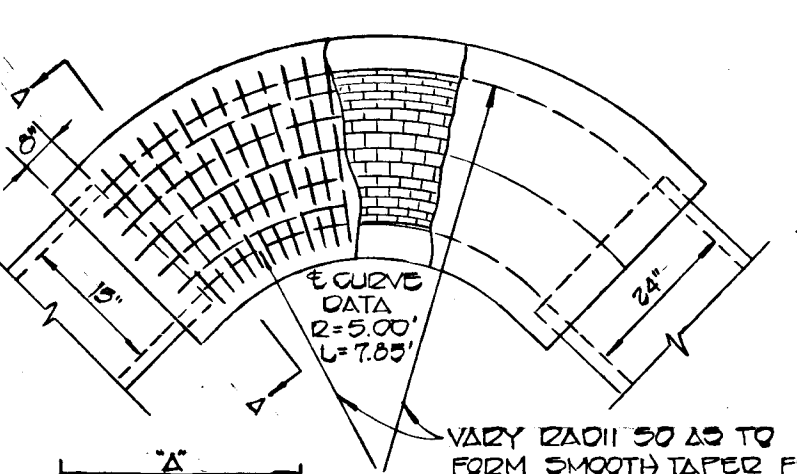
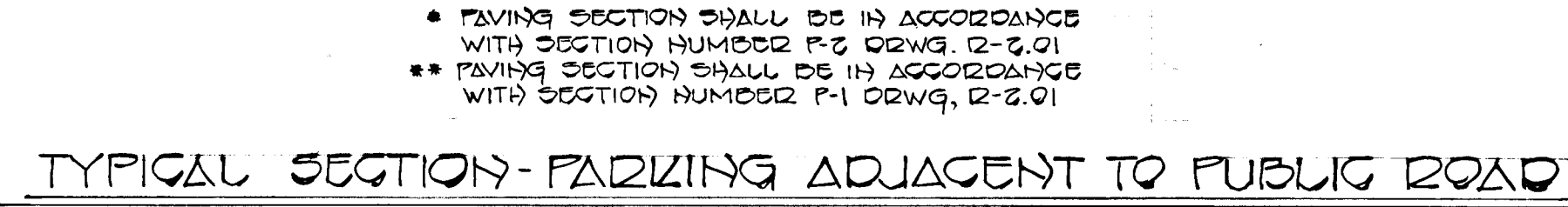
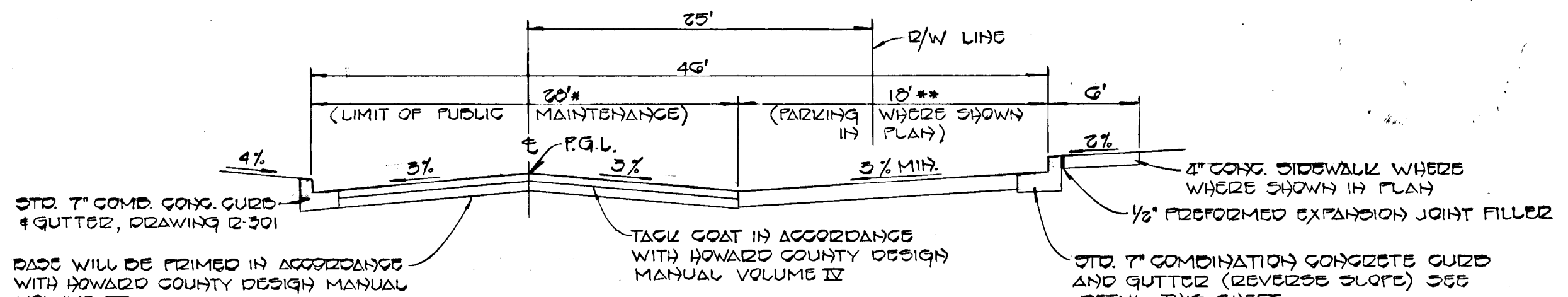
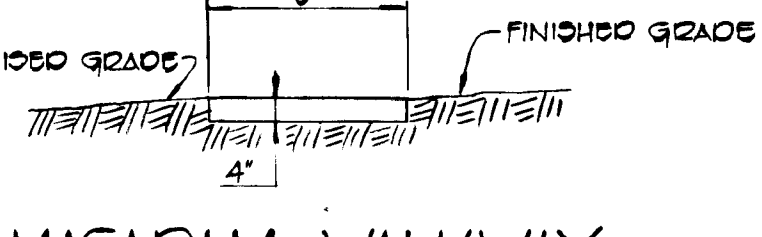
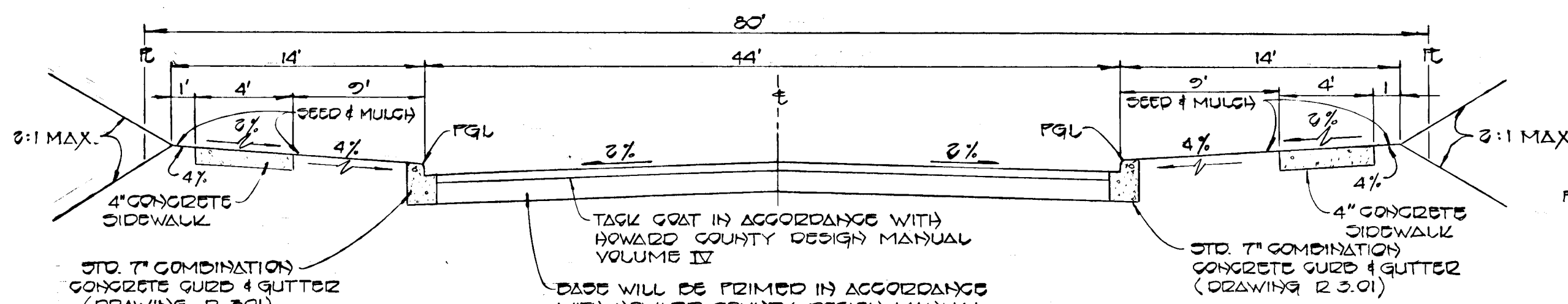


PROFILES  
 SCALE: 1" = 20' HOR.  
 1" = 5' VERT.

T 83179

OLD STOCKBRIDGE DRIVE  
TYPE OF TRAFFICWAY - MAJOR COLLECTOR DESIGN SPEED - 40 MPH ZONED R5C

TALL TREES COURT AND WOODED GLEN COURT  
TYPE OF TRAFFICWAY - SUBURBAN RESIDENTIAL DESIGN SPEED - 30 MPH ZONED R5C



APPROVED  
DEPARTMENT OF PUBLIC WORKS  
*[Signature]* F-11-83  
DATE  
OFFICE OF PLANNING AND ZONING  
*[Signature]* 5-6-83  
DATE

WOODLAND PARK  
SECTION TWO, AREA ONE  
FIRST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

STORM WATER MANAGEMENT POND  
STORM DRAIN PROFILES AND DETAILS

OWNER AND DEVELOPER  
JAMES W. KING MEADOWLAND JOINT VENTURE  
6567 FREETOWN ROAD 8659 BALTIMORE NATIONAL PIKE  
SIMPSONVILLE, MARYLAND 21150 ELLICOTT CITY, MARYLAND 21043

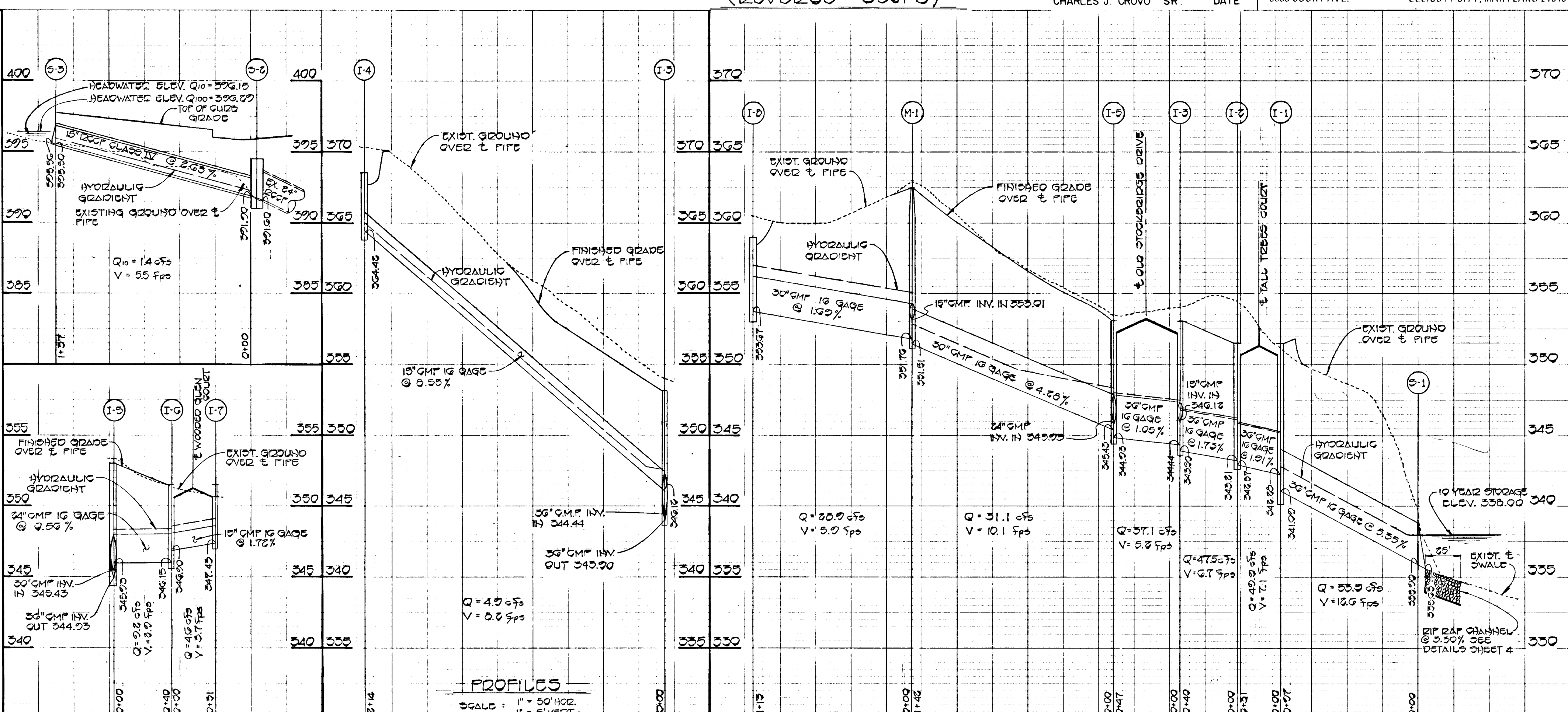
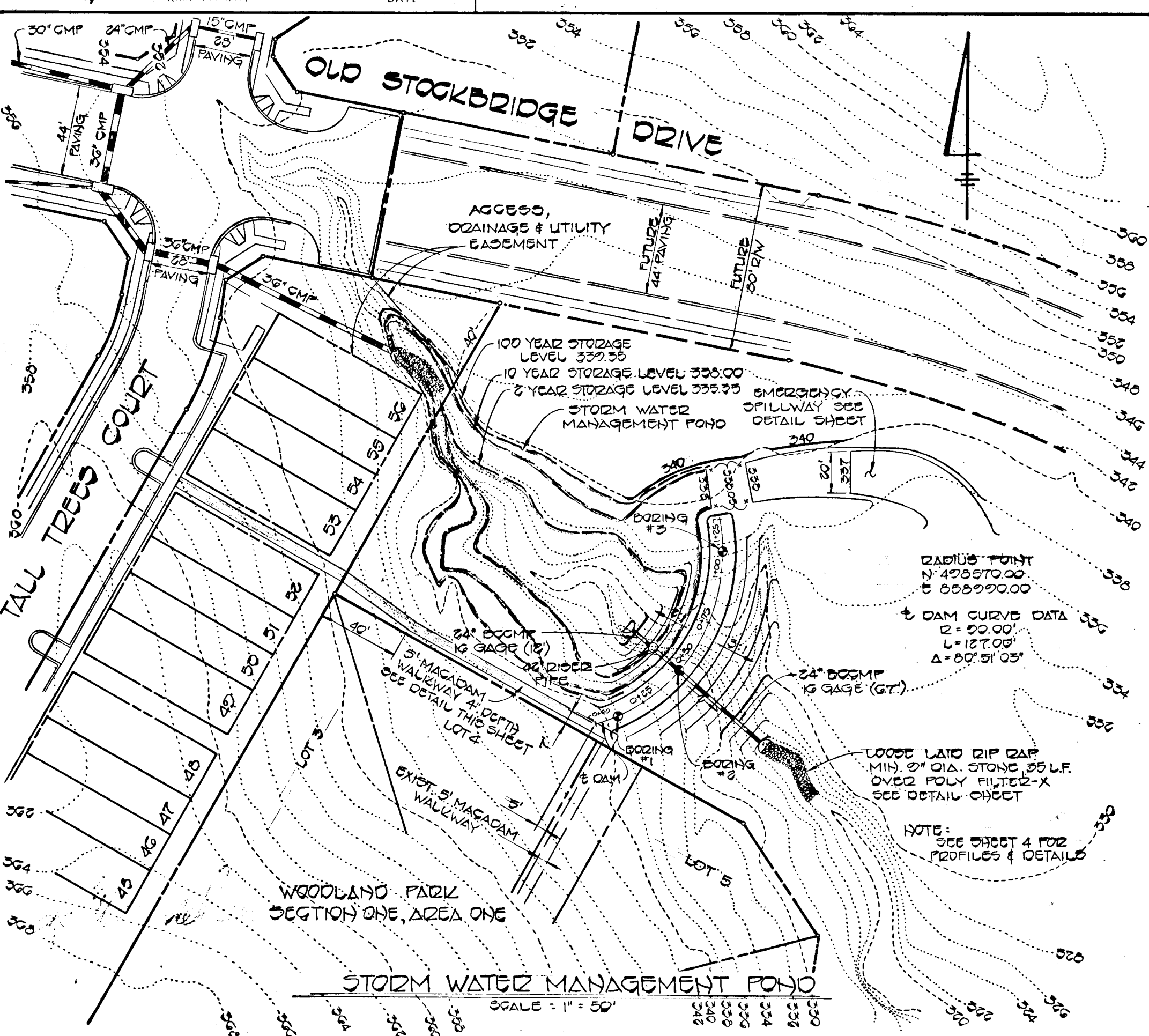
DESIGNED BY: DES. C. CROVO  
DATE: FEB 11, 1983  
DRAWING NO.: 3 OF 5

CHECKED BY: DRN. A. BOGDAN  
CHK. R. B. CARTER

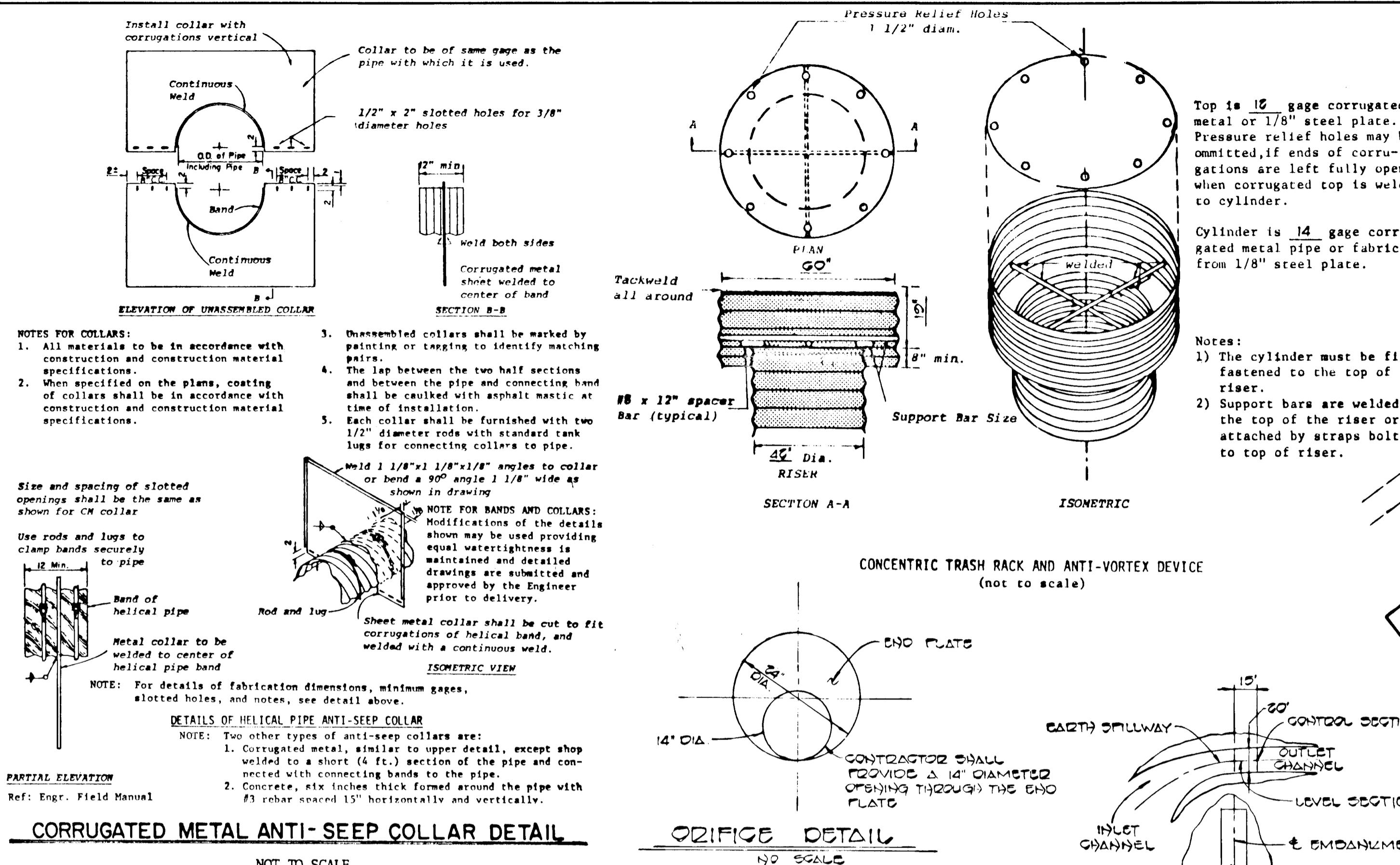
FISHER, COLLINS AND CARTER, INC.  
CIVIL ENGINEERS AND LAND SURVEYORS  
8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

REV. 5/23/83 - ADDED 'SCALE = 1"=50'  
TO S.W.M.P.

CHARLES J. CROVO SR.  
REGISTERED PROFESSIONAL ENGINEER  
NO. 13204  
STATE OF MARYLAND



- I. SITE PREPARATION**  
Areas under the embankment and structural works shall be cleared, grubbed and the topsoil stripped to remove all trees, vegetation, roots or other objectionable material. To facilitate clean out and restoration, it is recommended that the permanent pool area be cleared of all brush and trees.
- II. EARTH FILL**  
**Material**  
The fill material shall be taken from approved designated borrow area or areas. It shall be free from roots, stumps, wood, rubbish, over-size stones, frozen or other objectionable materials. The embankment shall be constructed to an elevation which provides for anticipated settlement to the design elevation. The fill height all along the length of the embankment shall be increased at least 5 percent above the design elevation (including freeboard) unless otherwise shown on the plans.
- Placement**  
Areas on which fill is to be placed shall be scarified prior to placement of fill. Fill materials shall be placed in 8-inch maximum thickness (before compaction) layers which are to be continuous over the entire length of the fill. The most porous borrow material shall be placed in the downstream portions of the embankment.
- Compaction**  
95% of Standard Proctor by A.S.T.M. 698
- Core Trench**  
Where specified, a core trench shall be excavated along or parallel to the centerline of the embankment as shown on the plans. The bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being four feet. The depth shall be at least four feet or as shown on the plans. The side slopes of the trench shall be 1 to 1 or flatter. The backfill material for the core trench shall be the most impervious material available and shall be compacted with equipment or rollers to assure maximum density and minimum permeability.
- III. STRUCTURAL BACKFILL**  
Backfill material shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall the contractor drive equipment over any part of a concrete structure or pipe unless there is a compacted fill of twenty-four inches or greater over the structure or pipe.
- IV. PIPE CONDUITS**  
**A. CORRUGATED METAL PIPE**  
1. **Materials - Metal** Pipe - This pipe and its appurtenances shall conform to the requirements of AASHTO Specification M-196 or M-211, with watertight coupling bands.  
2. **Connections** - All connections with pipes must be completely watertight. The drain pipe or barrel connection to the control structure shall be mortared all around. Watertight coupling bands shall be used at all joints. Anti-seep collars shall be connected to the pipe in such a manner as to be completely watertight.  
3. **Bedding** - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soft, spongy or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.  
4. **Laying pipe** - The pipe shall be placed with inside circumferential laps pointing downstream and with the longitudinal laps at the sides.  
5. **Backfilling** shall conform to structural backfill as shown above.  
6. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.
- V. CONCRETE**  
Concrete shall meet minimum requirements set forth in Maryland State Highway Administration Specifications for Materials, Highways, Bridges, and Incidental Structures, Article 20.07 (Portland Cement Concrete Mixtures), Mix No. 3.
- VI. STABILIZATION**  
All borrow areas shall be graded to provide proper drainage and left in a slightly condition. All exposed surfaces of the embankment, spillway and borrow areas shall be stabilized by seeding and applying straw mulch in accordance with Standards and Specifications for Soil Erosion and Sediment Control in Urbanizing Areas immediately after finish grading.
- All exposed areas of the embankment and pond shall be stabilized by:  
a. Spreading 4" topsoil  
b. Working in 1 ton of ground limestone and 1,000 pounds of 10-10-10 fertilizer per acre.  
c. Seed with 40 lbs./acre of "Kentucky 31" tall fescue, and 15 lbs./acre of Crownvetch inoculated.  
d. Mulch with 1-1/2 tons straw per acre.  
e. Tie down mulch with emulsified asphalt @ 348 gallons/acre.

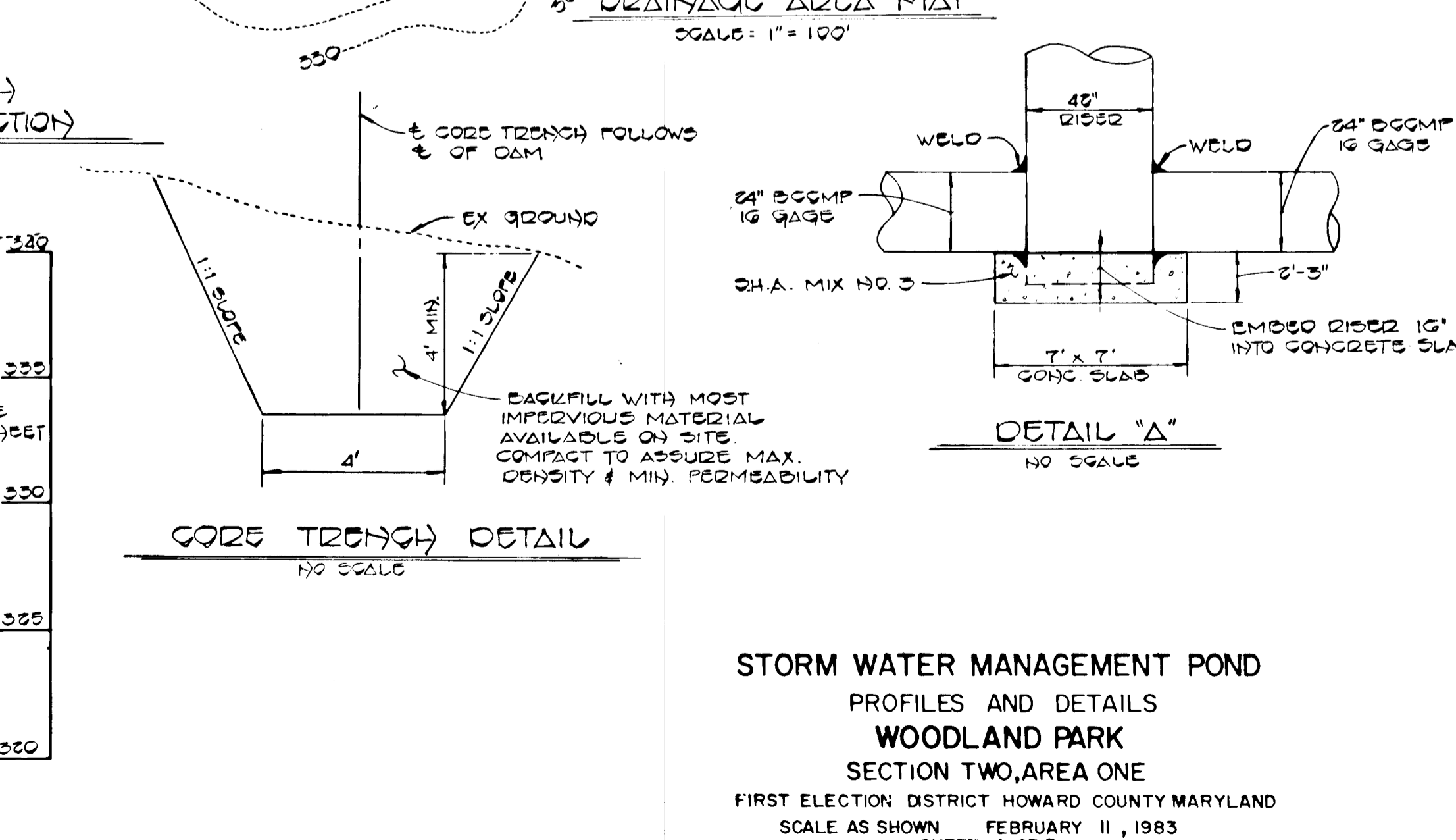
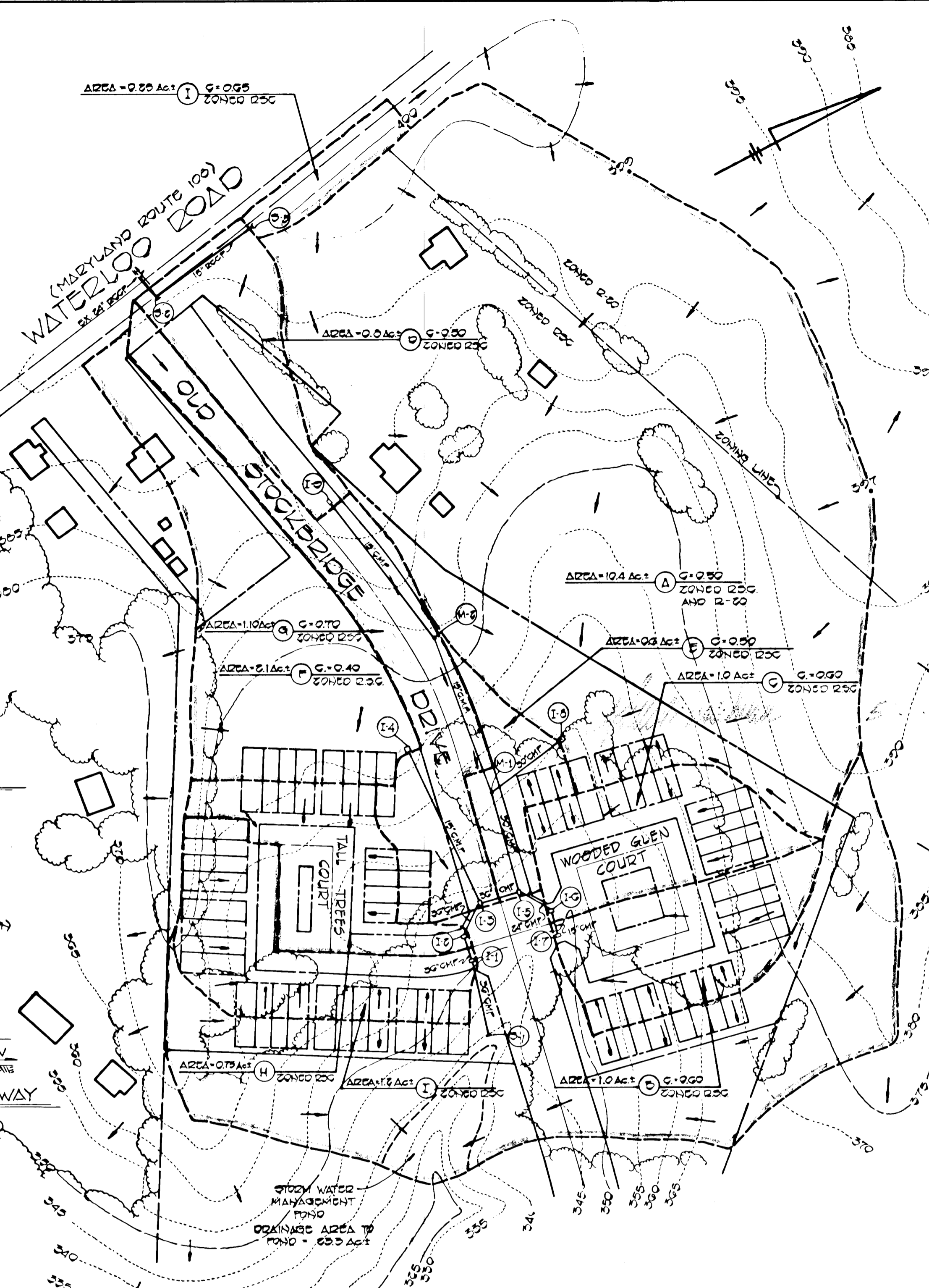
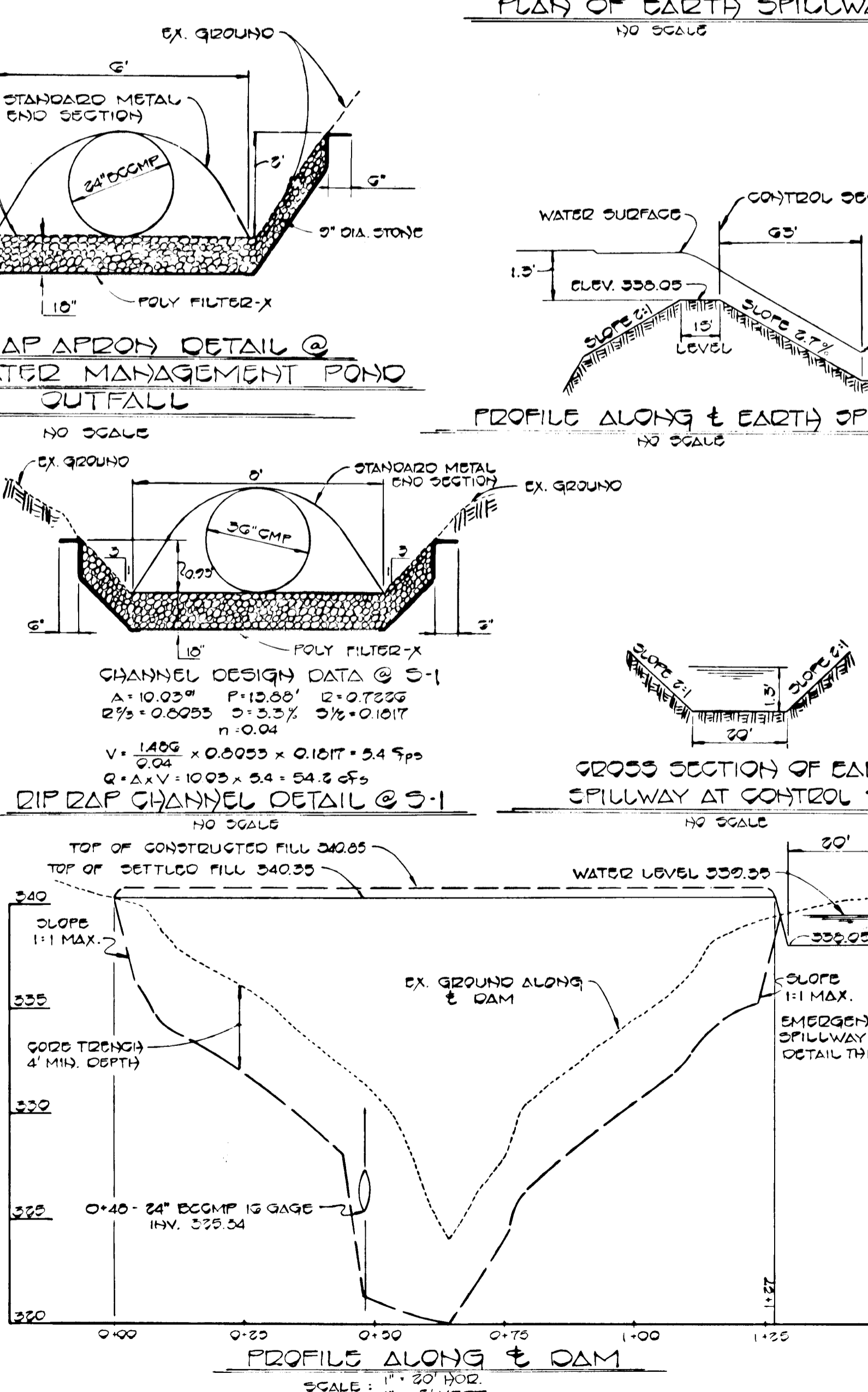
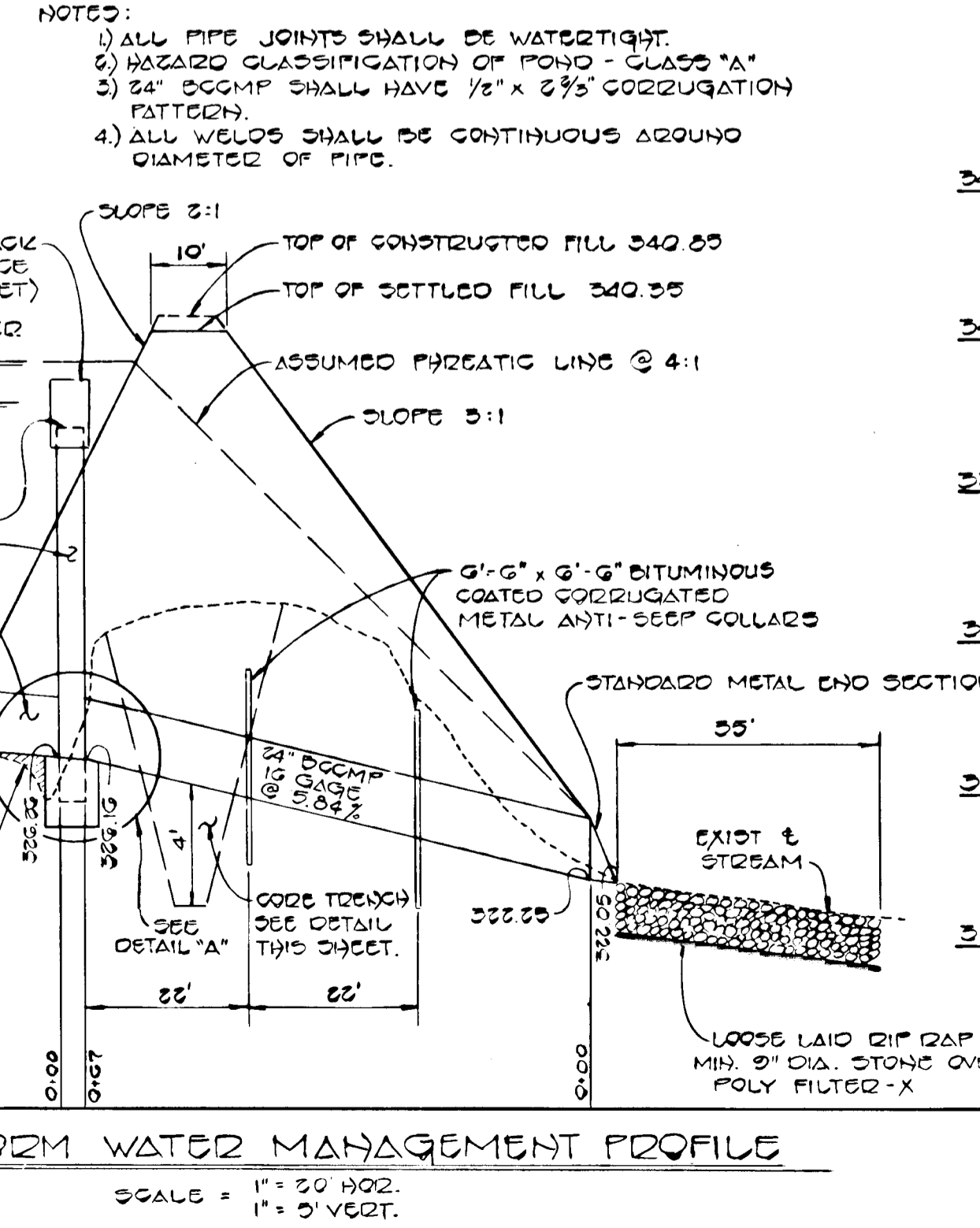


**DEVELOPER'S CERTIFICATE**  
"I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM 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."

*John Mikels*  
SIGNATURE OF DEVELOPER  
4-28-83  
DATE

**ENGINEER'S CERTIFICATE**  
"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE DESIGN 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."

*Charles H. ...*  
SIGNATURE OF ENGINEER  
4/18/83  
DATE



These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

*John Mikels* 5-5-83  
U.S. Soil Conservation Service Date

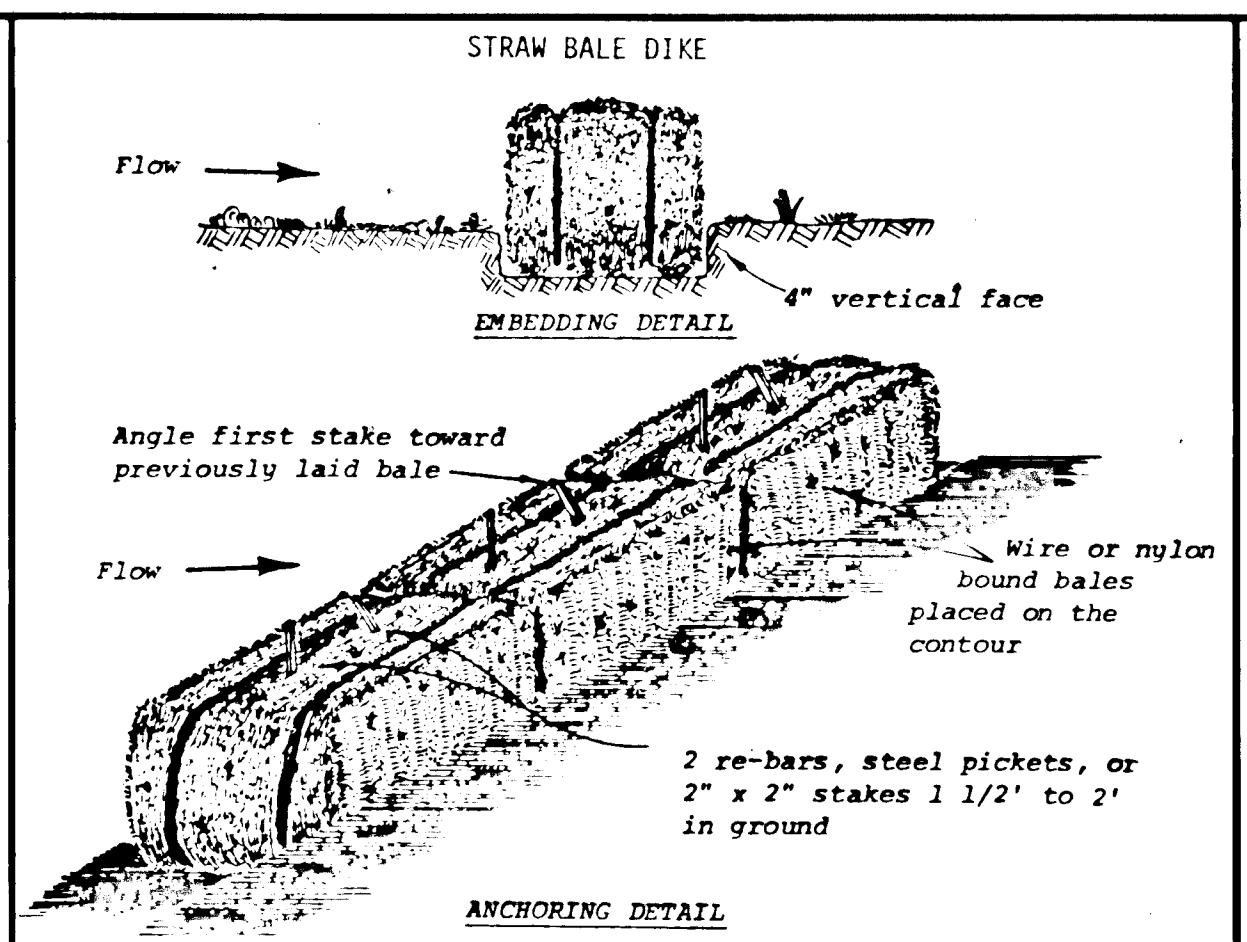
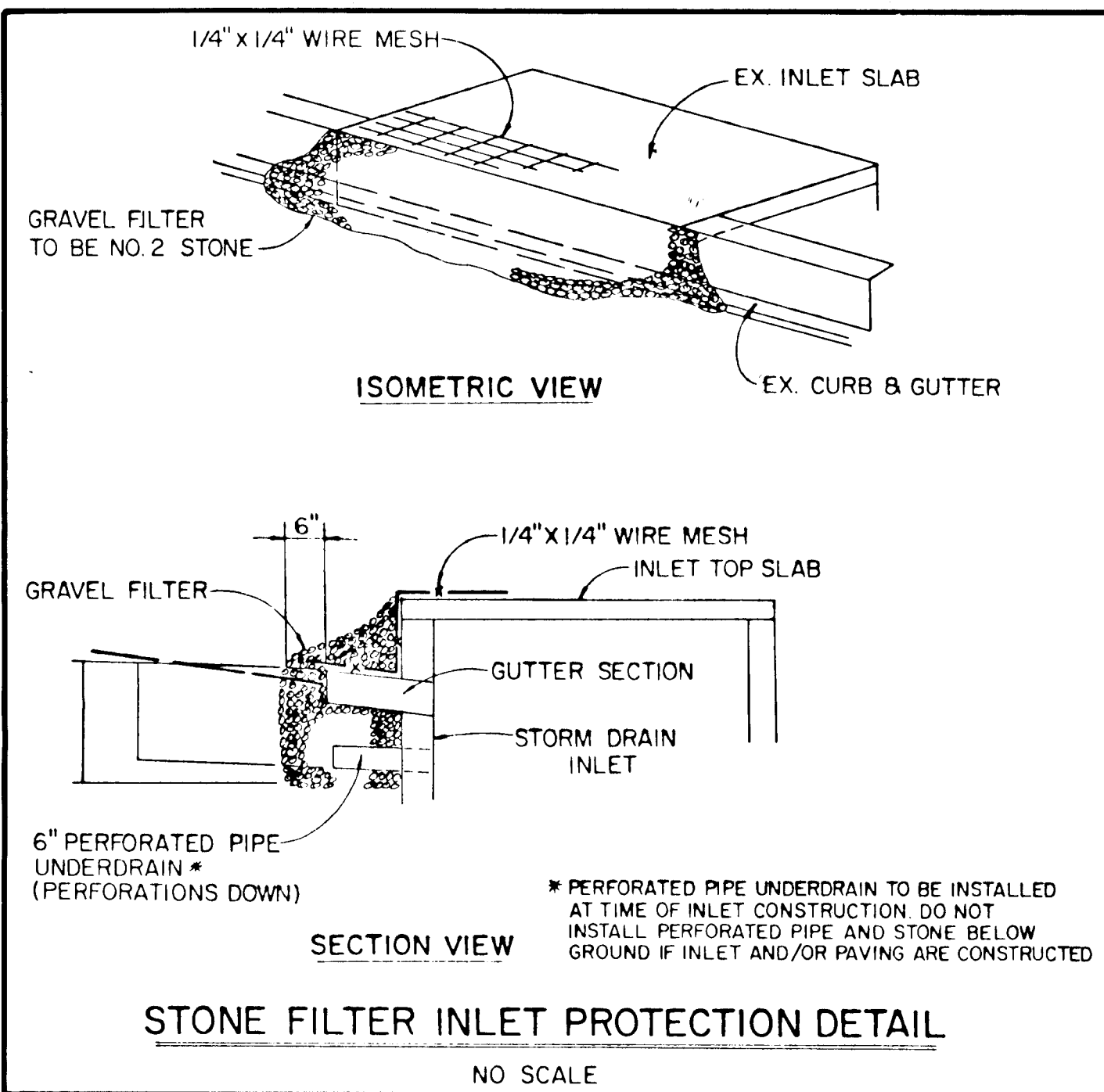
*Robert ...* 5/5/83  
Howard Soil Conservation District Date

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*...*  
CHIEF, BUREAU OF ENGINEERING DATE

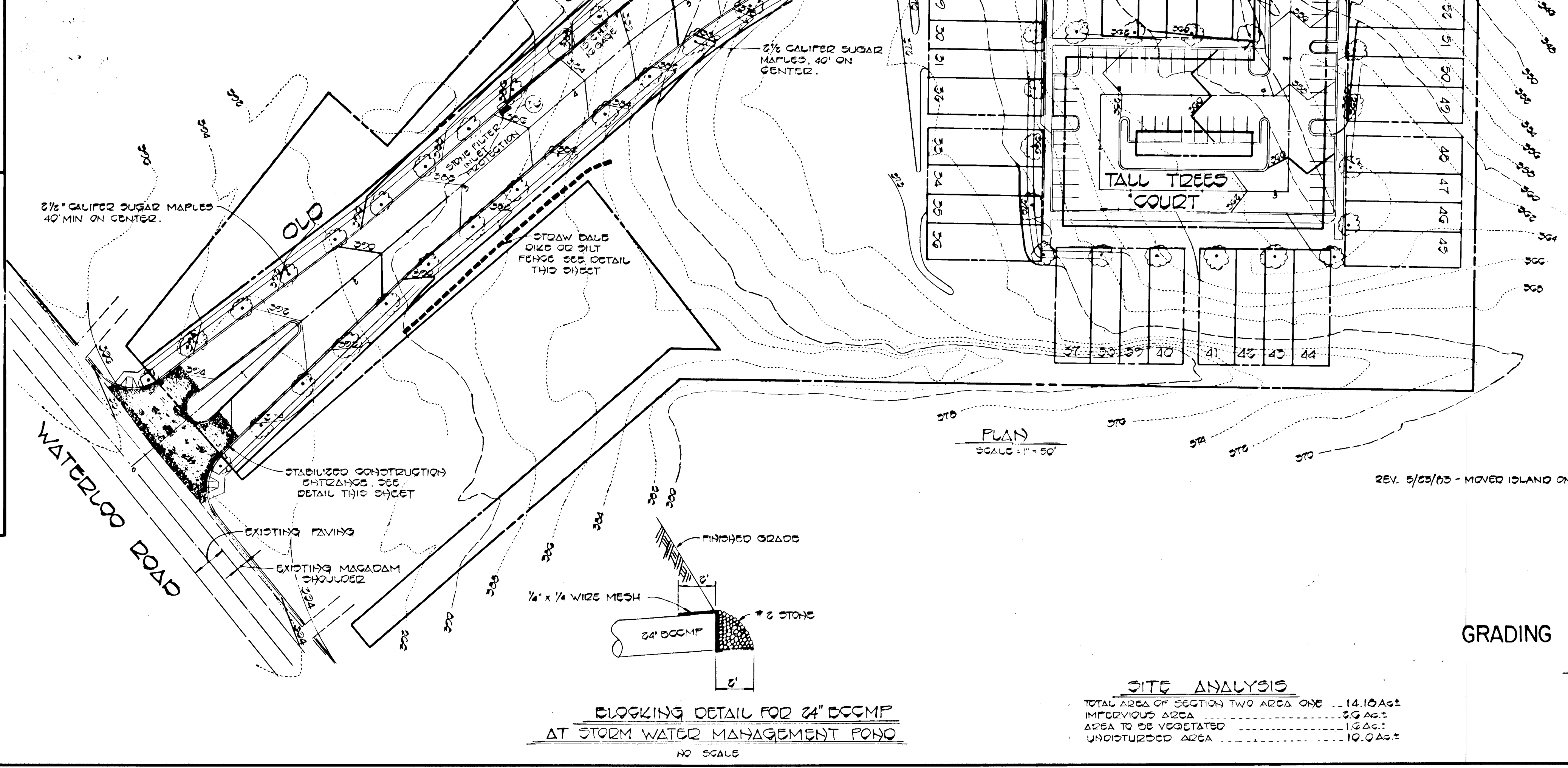
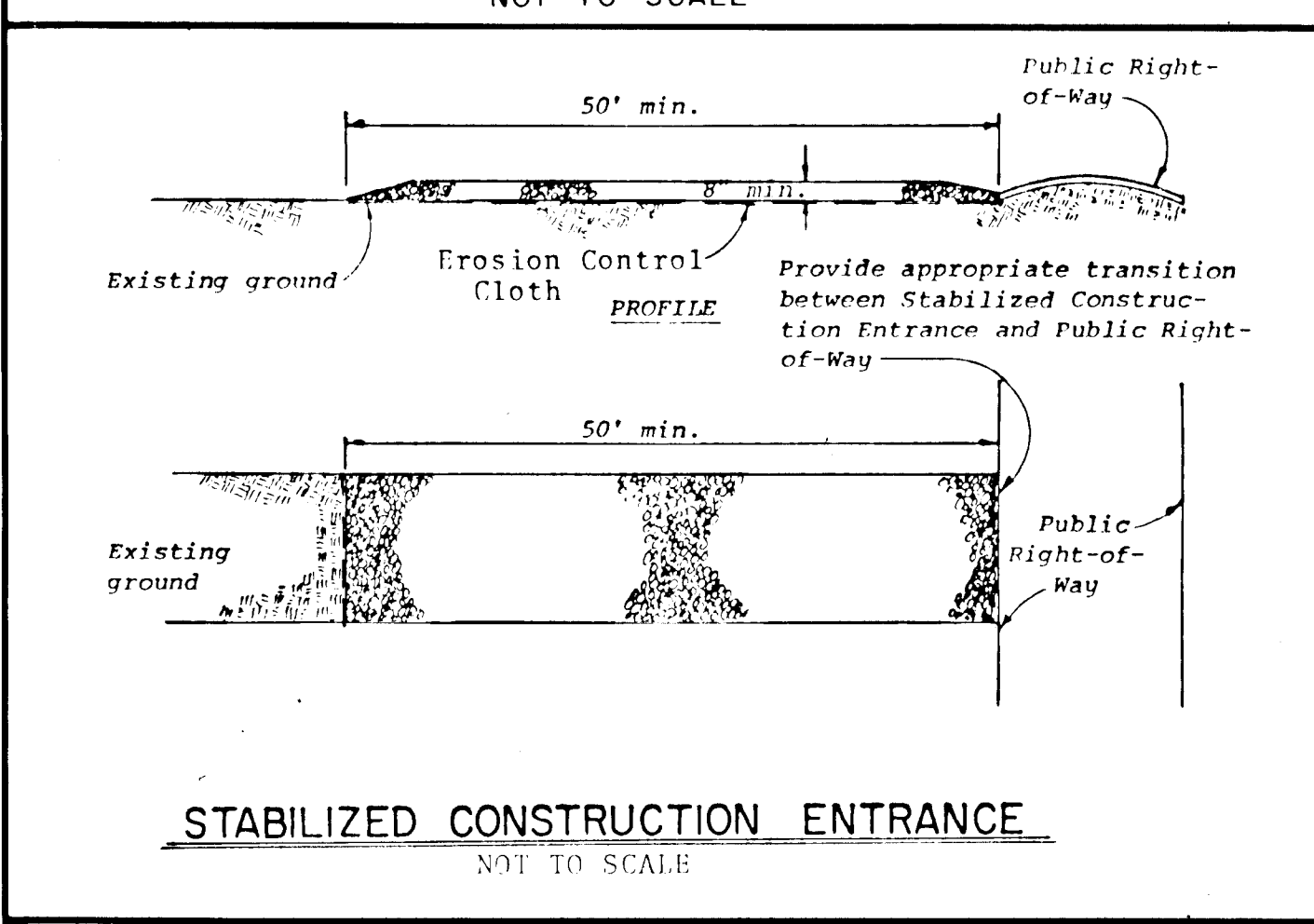
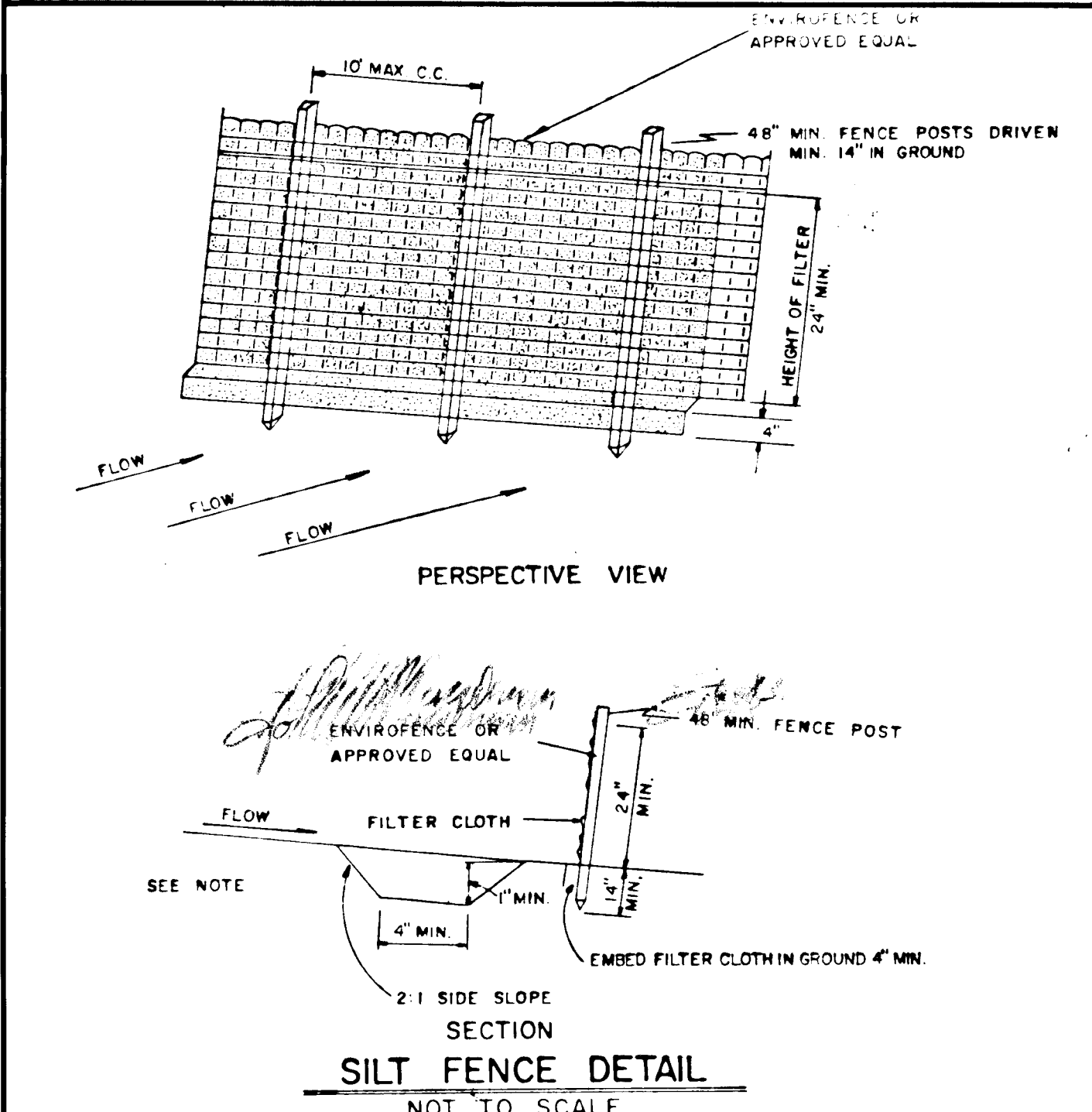
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*...* 5-6-83  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

FISHER, COLLINS AND CARTER, INC.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

STORM WATER MANAGEMENT POND  
PROFILES AND DETAILS  
WOODLAND PARK  
SECTION TWO, AREA ONE  
FIRST ELECTION DISTRICT HOWARD COUNTY MARYLAND  
SCALE AS SHOWN FEBRUARY 11, 1983  
SHEET 4 OF 5



- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT.
  - CONSTRUCT STONE CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
  - CONSTRUCT STORM WATER MANAGEMENT POND AND STABILIZE USING TEMPORARY SEEDING.
  - THE 24" CMP SHALL BE BLOCKED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET. THE 24" CMP SHALL REMAIN BLOCKED UNTIL SUCH TIME WHEN THE SEDIMENT BASIN TRANSITIONS TO FUNCTION AS A STORM WATER MANAGEMENT POND.
  - INSTALL SILT FENCE OR STRAW BALE DIKE.
  - GRADE ROADS TO SUBGRADE STABILIZING SLOPE AREAS BETWEEN EXISTING GROUND AND BACK OF CURB USING PERMANENT SEEDING.
  - CONSTRUCT STORM DRAIN SYSTEM.
  - INSTALL STONE FILTER INLET PROTECTION DEVICES AT INLETS I-1, I-2, I-3, I-5, I-6, I-7 AND I-9.
  - CONSTRUCT CONCRETE CURB AND LAY BASE COURSE.
  - UPON STABILIZATION OF GRADED AREAS, INLETS SHALL BE OPENED AND ALL ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE STORM DRAIN SYSTEM.
  - DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE STORM WATER MANAGEMENT POND WHEN THE CLEANOUT ELEVATION 334.75 HAS BEEN REACHED.
  - DURING CONSTRUCTION AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON.
  - REMOVE STONE CONSTRUCTION ENTRANCE.
  - CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE, LAY SURFACE COURSE AND INSTALL CONCRETE SIDEWALK. STABILIZE ALL SHOULDERS USING PERMANENT SEEDING.
  - THE SEDIMENT BASIN SHALL BE DEWATERED BY PUMPING.
  - THE SEDIMENT FROM THE STORM WATER MANAGEMENT POND SHALL BE PLACED BETWEEN LOT 56 AND OLD STOCKBRIDGE DRIVE.
  - THE STORM WATER MANAGEMENT POND SHALL BE GRADED IN ACCORDANCE WITH SHEET THREE AND STABILIZED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATIONS IN THE SEDIMENT CONTROL NOTES. INSTALL RIP RAP APRONS.
  - REMOVE SILT FENCE AND STRAW BALE DIKE.
  - ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
  - DURING THE CONSTRUCTION ALONG MARYLAND ROUTE 108, THE CONTRACTOR SHALL PLACE STRAW BALE DIKES DOWNGRADE OF ANY DISTURBED AREAS AT THE END OF EACH WORKING DAY.



**ENGINEER'S CERTIFICATE**

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

DATE: 4/10/83

**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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

DATE: 4-28-83

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

DATE: 5-5-83

**APPROVED:**

DATE: 5/5/83

APPROVED: DEPARTMENT OF PUBLIC WORKS.

DATE:

APPROVED: OFFICE OF PLANNING AND ZONING

DATE: 5-6-83

- SEDIMENT CONTROL NOTES**
- 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."
  - THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (992-2433).
  - 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.
  - 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 (992-2433).
  - ALL GRADED AREAS NOT TO BE SODDEN SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
    - SITE PREPARATION**
      - HARROW OR DISC IN AREAS PROPOSED TO BE SEEDED 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**
      - SEED 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 RATE (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.

**FISHER, COLLINS AND CARTER, INC.**  
CONSULTING ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043 (301) 461-2855

**GRADING AND SEDIMENT CONTROL PLAN**  
**WOODLAND PARK**

SECTION TWO, AREA ONE  
FIRST ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: FEBRUARY 11, 1983  
SHEET 5 OF 5

F-83-79