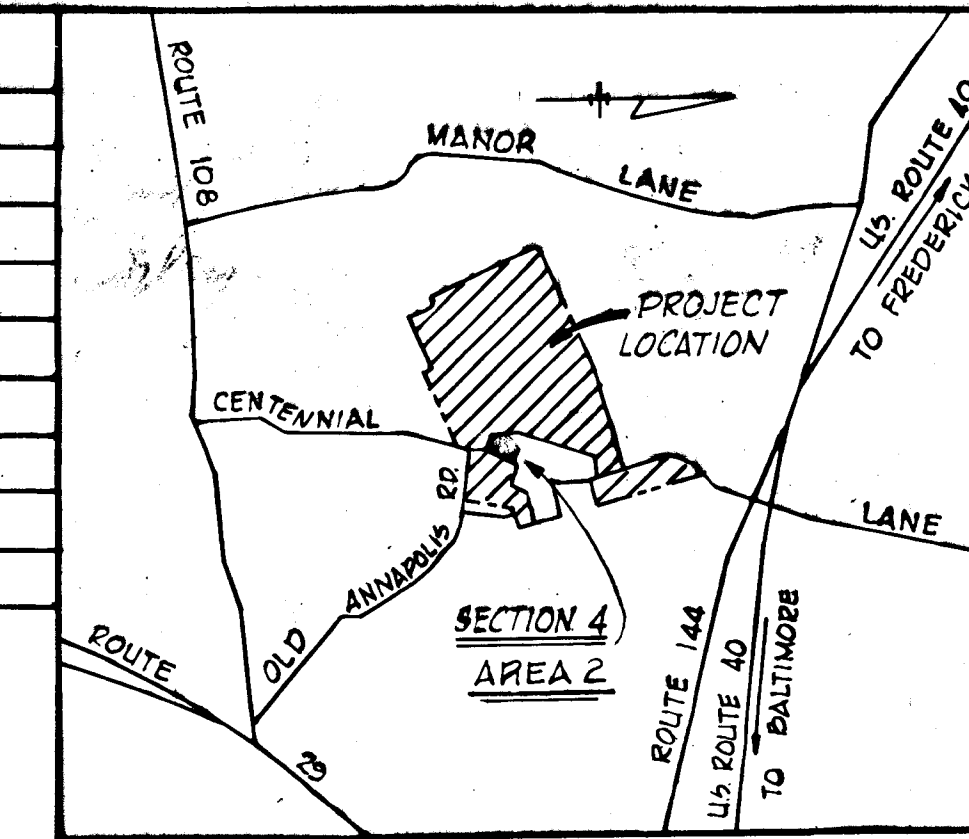
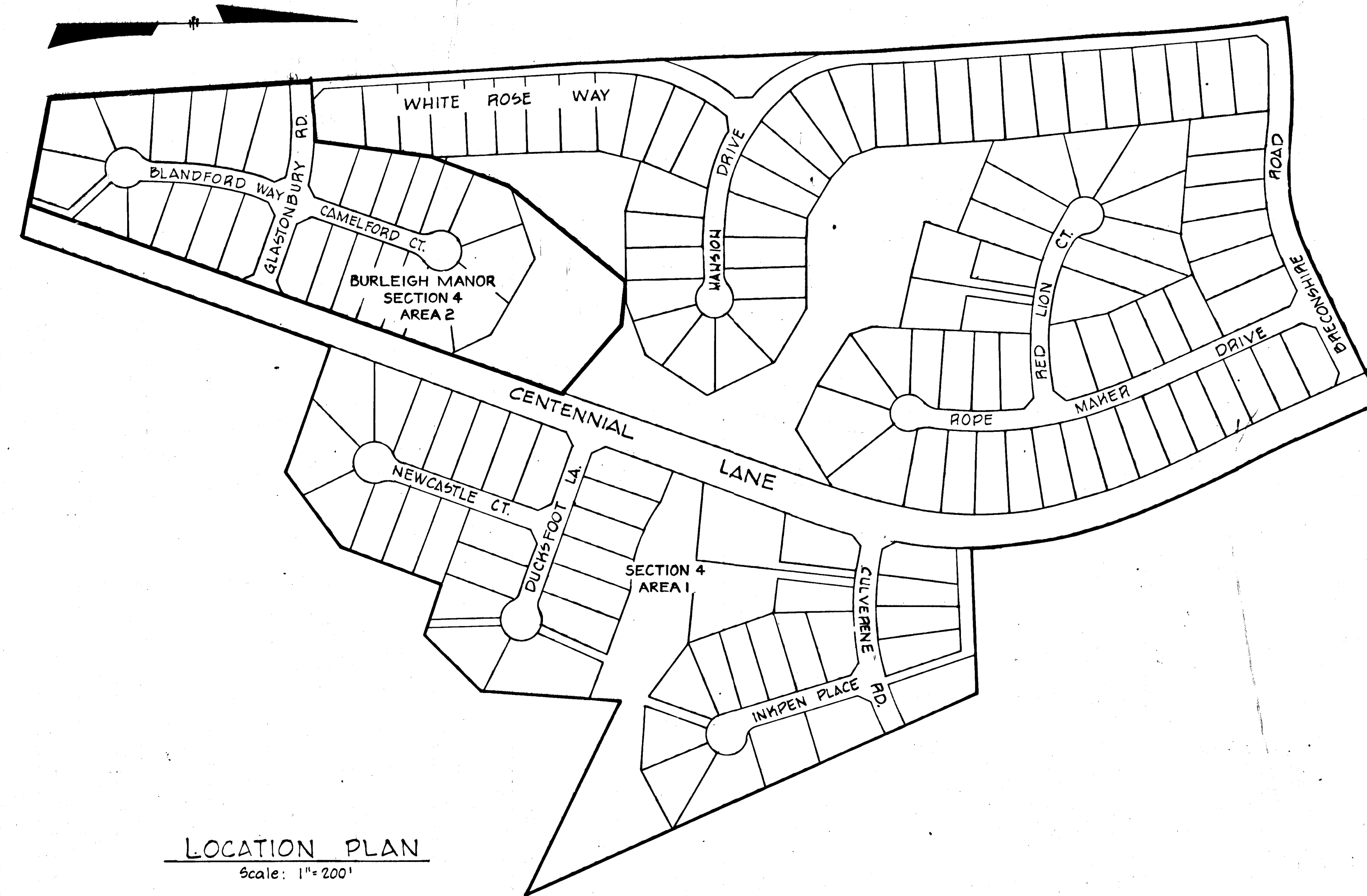


Sheet Index	
No.	Description
1	Cover
2	Glastonbury Rd., Plan & Profile
3	Blandford Way, Camelford Ct., Plan & Profile
4	Centennial Lane Improvements
5	Storm Drain Profiles & Details
6	Road & Drain Details
7	Drainage Area Map
8	Sediment Control Plan



**VICINITY MAP**  
Scale: 1" = 1/2 Mile



**LOCATION PLAN**  
Scale: 1" = 200'

**GENERAL NOTES**

- All work shall be performed in accordance with the Howard County Road Construction Code and Standard Specifications.
  - All utility companies shall be notified 24 hours in advance of construction.
  - Streets are designed for traffic speed of 25 m.p.h. in accordance with AASHTO Standards.\*
  - All Inlets shall be Howard County Standards unless otherwise noted.
  - All street curb returns shall have a 35' radius unless otherwise noted.
  - Storm drain trenches within road rights-of-way shall be back-filled and compacted in accordance with Howard County Road Construction Code and Standard Specifications.
  - Approximate location of existing utilities are shown. The contractor shall take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any Damage due to contractors operations shall be repaired immediately at the contractors expense.
  - The contractor shall test pit existing utilities where directed by the engineer a minimum of two weeks in advance of construction operations.
  - All reinforced concrete for storm drain structures shall have a minimum 28 days strength of 3500 p.s.i.
  - Traffic control devices and installation shall be in accordance with Manual on Uniform Traffic Control Devices, 1971 Revised Edition.
  - Poly Filter X (filter cloth blanket) or equal shall be placed under all storm rip-rap.
  - Rip-rap at outfalls shall be unpaved unless otherwise noted.
  - All horizontal and Vertical controls are based on Maryland State Datum.
  - Seed and mulch all disturbed areas.
  - The Storm Water Management for this submission is provided by detention ponds proposed under Burleigh Manor Section 1, Area 1 and Section 4, Area 1.
- \* Glastonbury Rd Design Speed = 30 mph

- NOTE -  
HORIZONTAL & VERTICAL CONTROL WAS BASED ON HOWARD COUNTY CONTROL CARDS 3040001# 3140003

WHITMAN, REQUARDT AND ASSOCIATES  
ENGINEERS  
BALTIMORE, MARYLAND  
*Kenneth A. McCord*  
KENNETH A. McCORD  
Registered Engineer  
No. 1974

DEPARTMENT OF PUBLIC WORKS  
*W. O. P. Smith* 8-13-79  
CHIEF, BUREAU OF ENGINEERING DATE  
OFFICE OF PLANNING AND ZONING  
*D. Dupley* 8/3/79  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

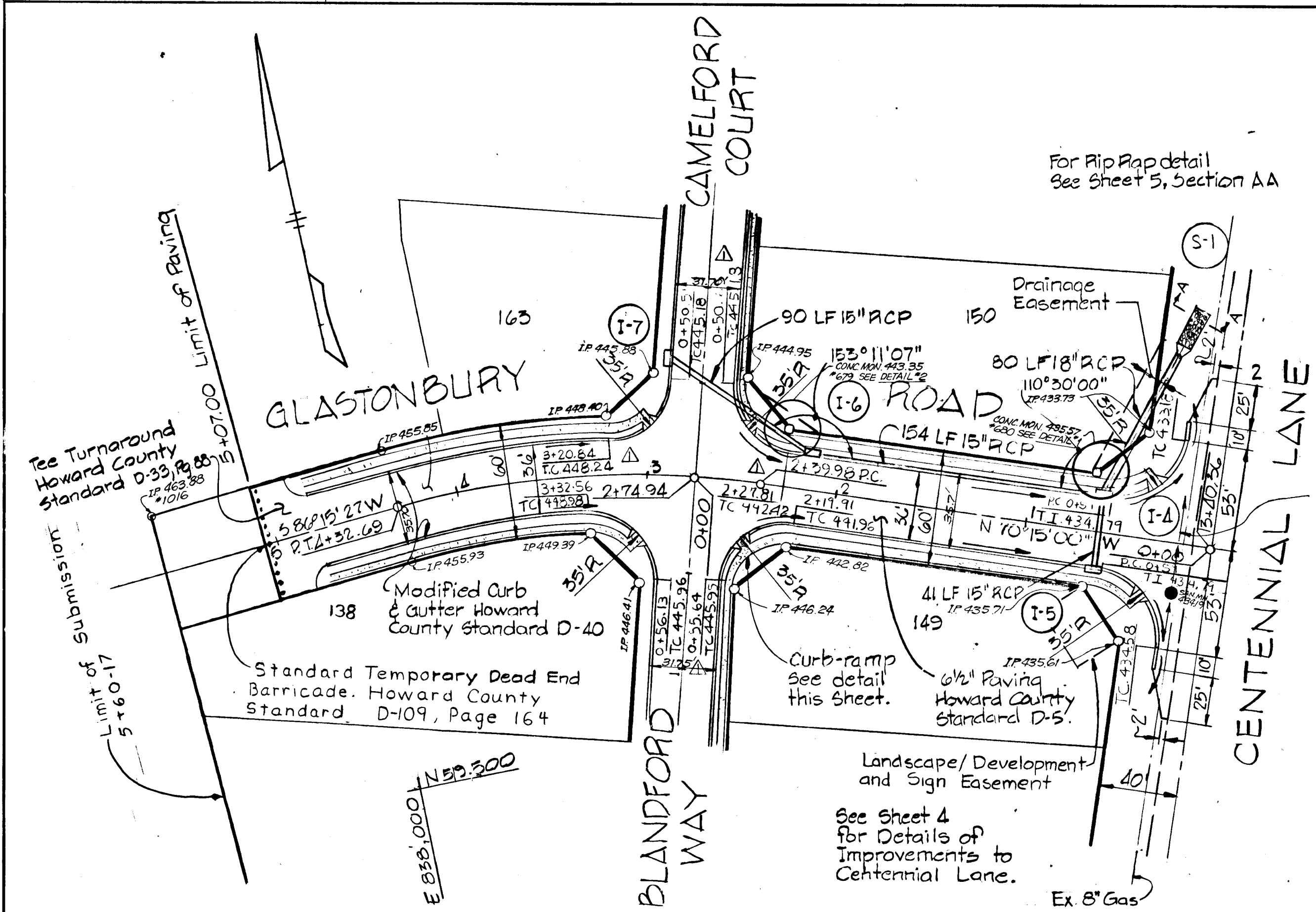
OWNER AND DEVELOPER  
COSTAIN WASHINGTON INC.  
10710 LEE HIGHWAY SUITE 201  
FAIRFAX, VIRGINIA 22030

BURLEIGH MANOR  
SECTION 4 AREA 2  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
Scale: As Shown Date: 4-26-79

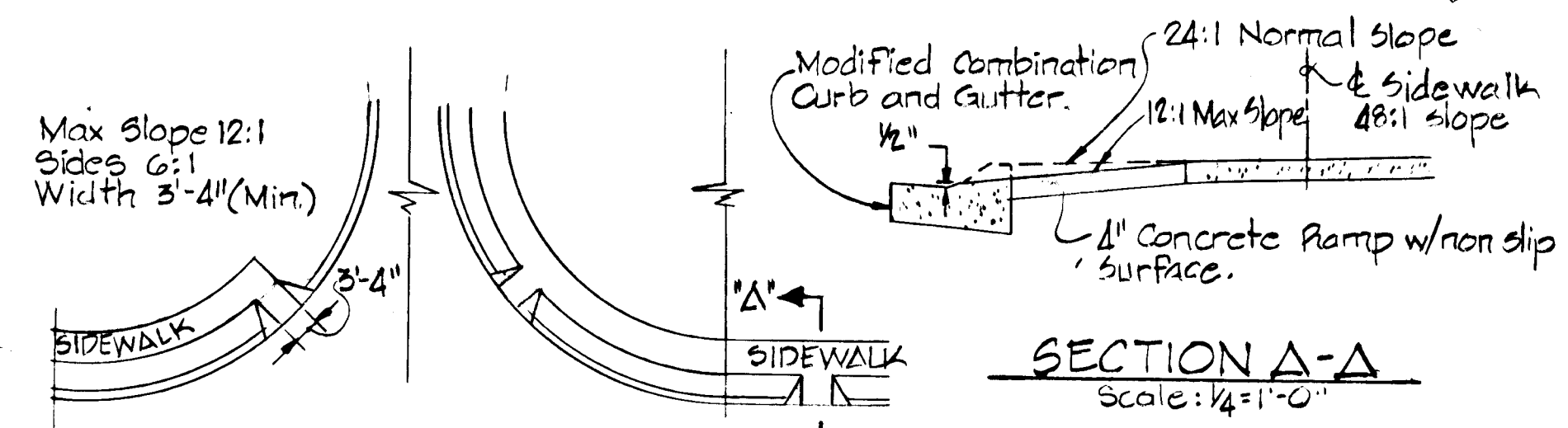
**CURVE DATA**  
 PC 2+59.93 TO PT. 4+32.69  
 GLASTONBURY RD.

CRD = 191.36	BR = N 81° 59' 46" W
ΔPC = 192.71	Δ = 23° 29' 53"
RAD = 470.00	TAN = 97.73

No.	Type	Location	Inv. In.	Inv. Out.	Top El.	Remarks
I-4	A-5 w/deflectors	Sta. 0+64.00 Glastonbury Rd. 20.60 ft	430.41	430.30	434.74	See Sheet 6
I-5	A-5 w/deflectors	Sta. 0+64.00 Glastonbury Rd. 20.60 ft	-	430.30	434.74	See Sheet 6
S-1	Precast	See Plan	429.53	-	-	Stand 18" End Section

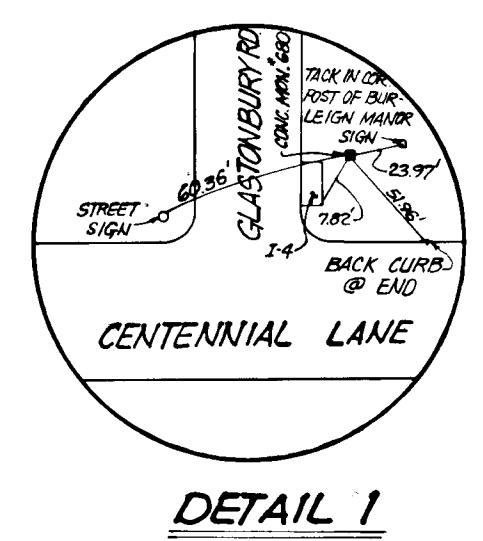
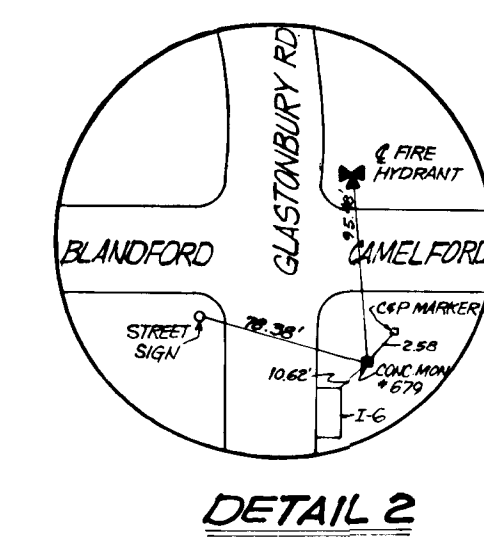


Note: Sidewalks along Centennial Lane are not required as per variance petition 79-11



PLAN-TYPICAL  
 Scale: 1" = 20'

DETAIL-CURB-RAMP



BURLEIGH MANOR  
 SECTION 4 AREA 2  
 2<sup>ND</sup> ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 GLASTONBURY ROAD, PLAN & PROFILE  
 SCALE: AS SHOWN DATE: 4-26-79

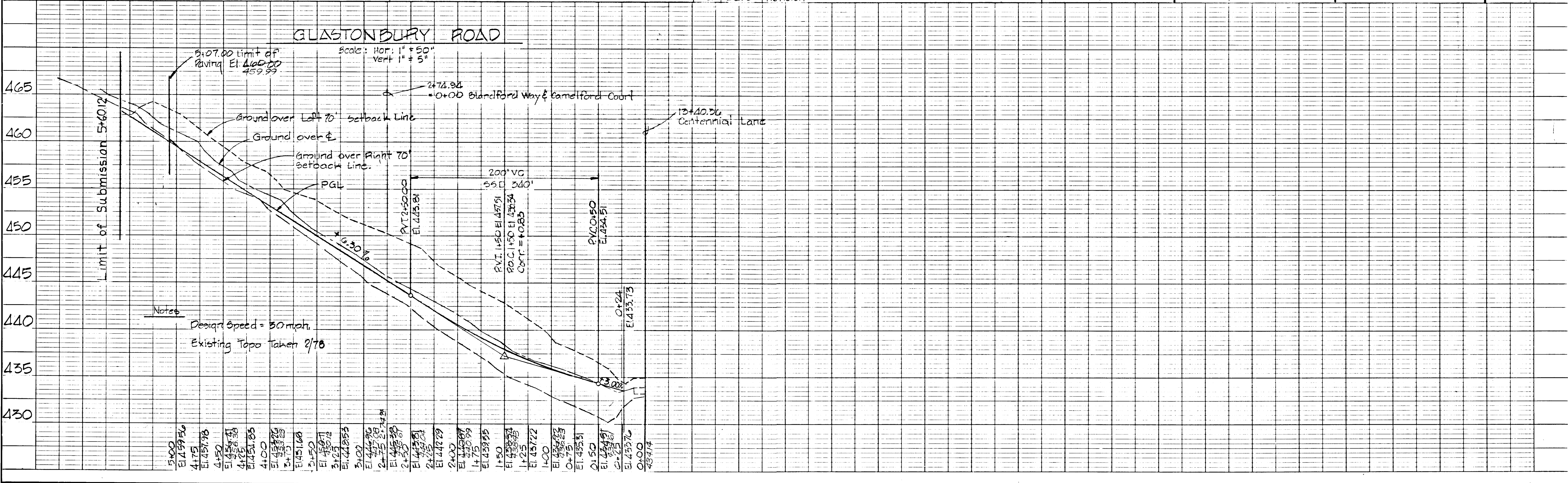
WHITMAN, REQUARDT & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

-NOTE-  
 AS-BUILT ELEVATIONS CERTIFIED BY HENRY V. OHEIM, MD REG. P.E. No. 4156 AS OF MAY 11, 1981

OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

*Kenneth A. Mc Cord*  
 KENNETH A. MC CORD  
 Registered Engineer  
 No. 1974

No.	Date	Revision
1	11/21/79	Revised TC elevations



DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_ ALIGNED CHECKED: \_\_\_\_\_  
 No. \_\_\_\_\_ R. OF MAP CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_ GRADES CHECKED: \_\_\_\_\_  
 No. \_\_\_\_\_ STRUCTURE NOTATIONS CHECKED: \_\_\_\_\_

¢ CURVE DATA  
 PC 2+05.17 TO PT 2+71.24  
 BLANDFORD WAY  
 CRD = 66.00 BR = 6 10'45" 22" W  
 ARC = 66.07 Δ = 9° 27' 52"  
 RAD = 100.00 TAN = 33.11

No.	Type	Location	Inv. In.	Inv. Out.	Top El.	Remarks
I-1	Class C, Type D	@ Ex. 42' Culvert Headwall	442.50	422.10	424.30	Ho. Co. Drw. 642, Pg. 119 C
MH-1	Standard	Sta. 4+07.87 Blandford Way 14.26' LT	441.00	422.10	423.75	Ho. Co. Drw. D-103, Pg. 158
I-2	A-5	195° Counter Clockwise from @ 4592	-	424.52	424.44	See Sheet 6
I-4	A-5 wide flange	Sta. 0+64.00 Glastonbury Rd 20.00' LT	430.00	423.50	424.74	See Sheet 6
I-5	A-5 wide flange	Sta. 0+64.00 Glastonbury Rd 20.00' LT	430.00	423.50	424.74	See Sheet 6
I-6	A-5	Sta. 2+18.00 Glastonbury Rd. 20.00' RT	422.00	427.00	423.00	See Sheet 6
I-7	A-5	Sta. 0+64.00 Camelford Ct. 18.00' LT	441.74	427.43	423.00	See Sheet 6
I-8	A-5	45.92' From Bulb center @ Shown Angle	-	445.91	449.00	See Sheet 6
MH-2	Standard	See Plan	417.00	416.70	421.00	Ho. Co. Drw. D-103, Pg. 158
S-2	Precast	See Plan	417.50	416.00	420.00	Standard 15" End Section
I-3	Class C, Type D	See Plan	-	422.50	422.00	See Detail sheet 5

-NOTE-  
 AS-BUILT ELEVATIONS CERTIFIED BY HENRY V. OHEIM, MD REG. P.E. No. 4156 45 OF MAY 11, 1981

BURLEIGH MANOR  
 SECTION 4 AREA 2  
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 PLAN & PROFILE, BLANDFORD WAY & CAMELFORD CT.  
 SCALE: AS SHOWN DATE: 4-26-79

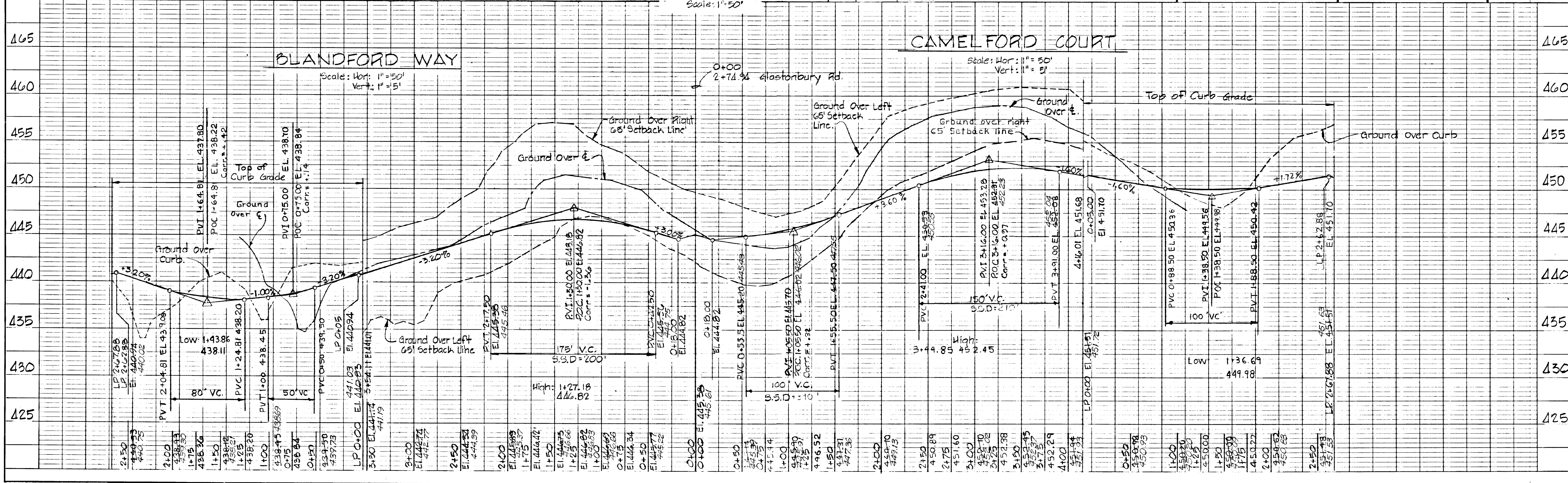
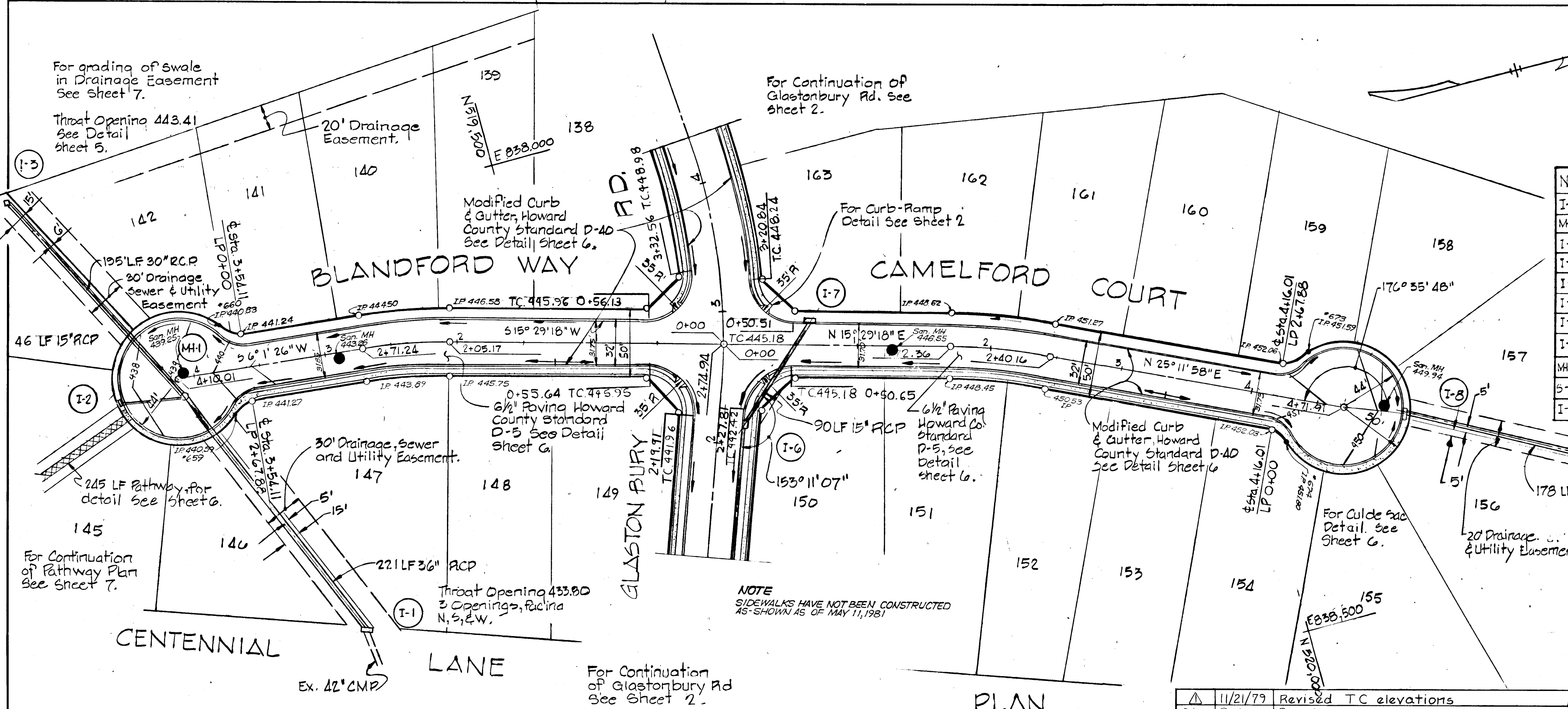
WHITMAN, REQUARDT & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

*Kenneth A. McCord*  
 KENNETH A. McCORD  
 Registered Engineer  
 No. 1974

¢ CURVE DATA  
 PC 1+72.96 TO PT 2+40.10  
 CAMELFORD CT.  
 CRD = 67.72 BR = N 20° 20' 58" E  
 ARC = 67.80 Δ = 9° 42' 40"  
 RAD = 100.00 TAN = 33.98'

OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

No.	Date	Revision
1	11/21/79	Revised TC elevations

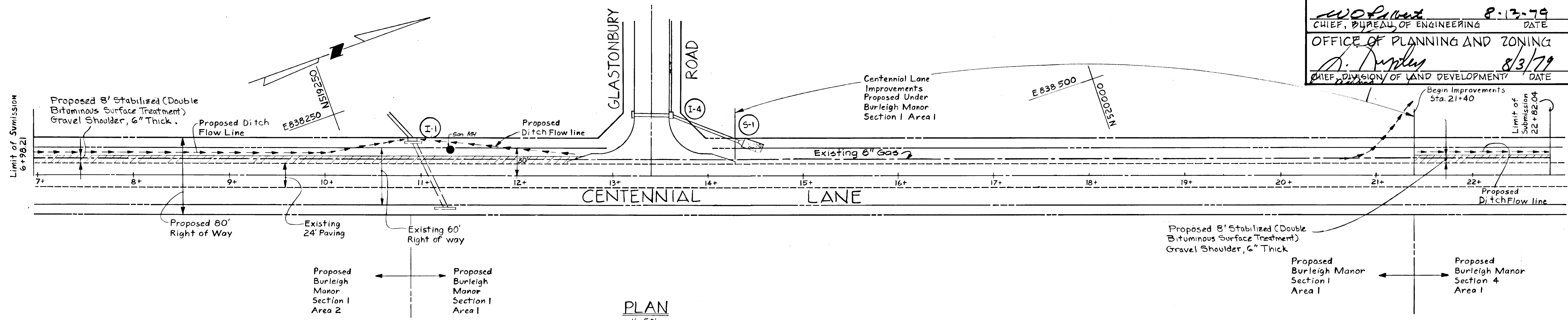


PLAN

DATE	BY	REVISION

PROFILE

DATE	BY	REVISION



PLAN  
1" = 50'

Note: Jute mat or equal is to be placed over the Centennial Lane ditch daily. See permanent seeding. Note 4, Sheet 8.

-NOTE-  
 AS-BUILT ELEVATIONS CERTIFIED BY HENRY V. OHEIM, MD REG. PE No. 4156 AS OF MAY 11, 1981

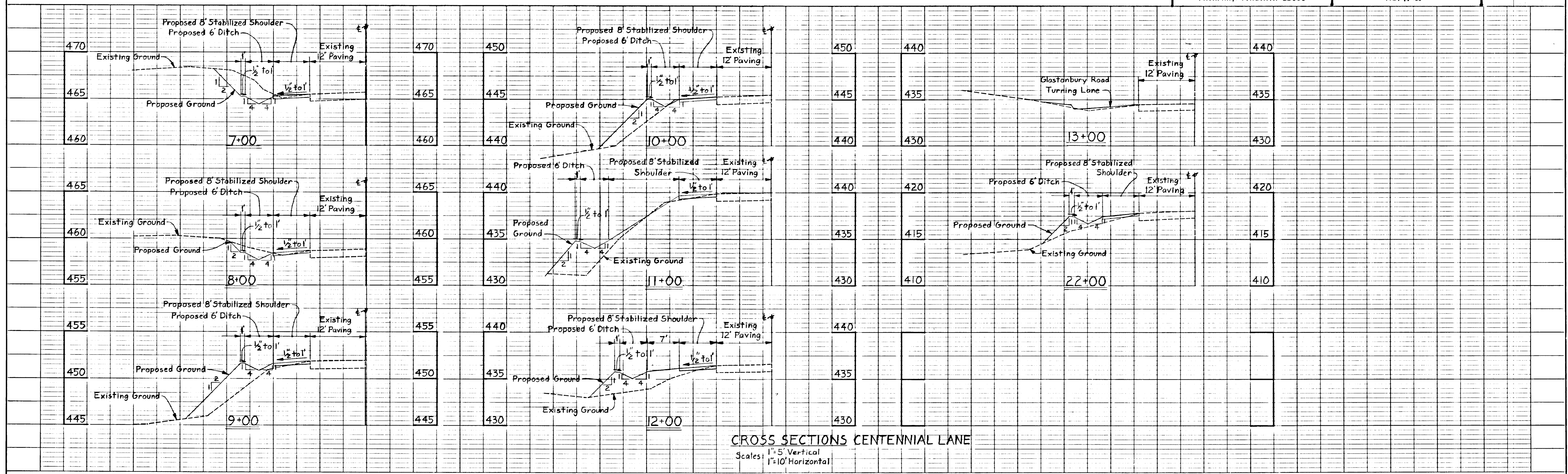
**BURLEIGH MANOR SECTION 1 AREA 2**  
 2<sup>ND</sup> ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 CENTENNIAL LANE IMPROVEMENTS  
 SCALE: AS SHOWN DATE: 4-26-79  
 WHITMAN, REQUART & ASSOCIATES ENGINEERS  
 BALTIMORE, MARYLAND 21202

*Kenneth A. McCord*  
 KENNETH A. McCORD  
 Registered Engineer  
 No. 1974

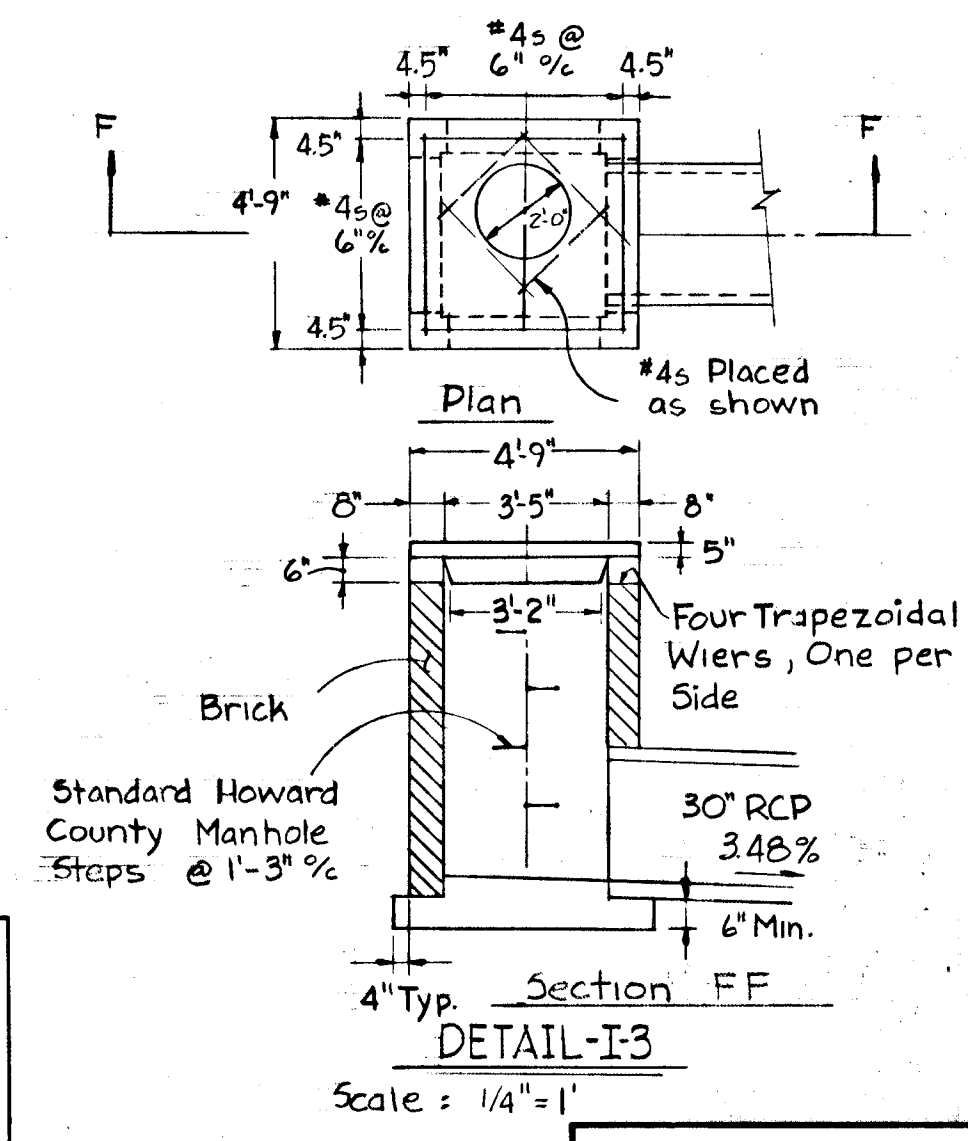
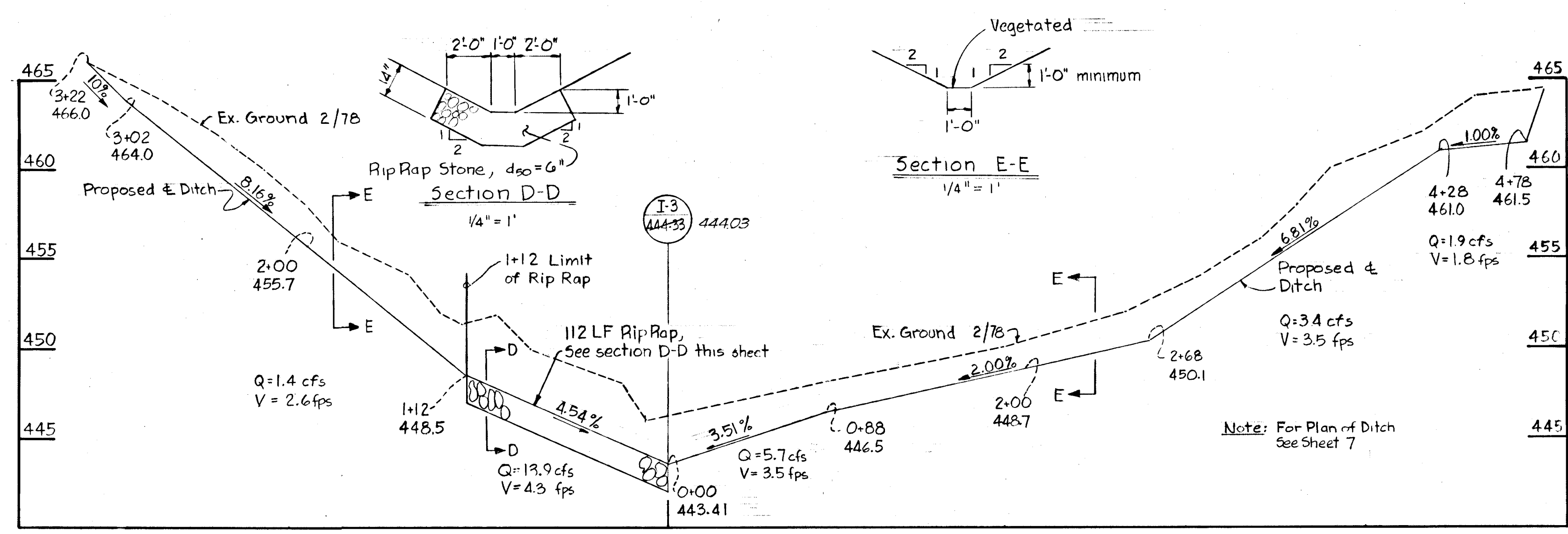
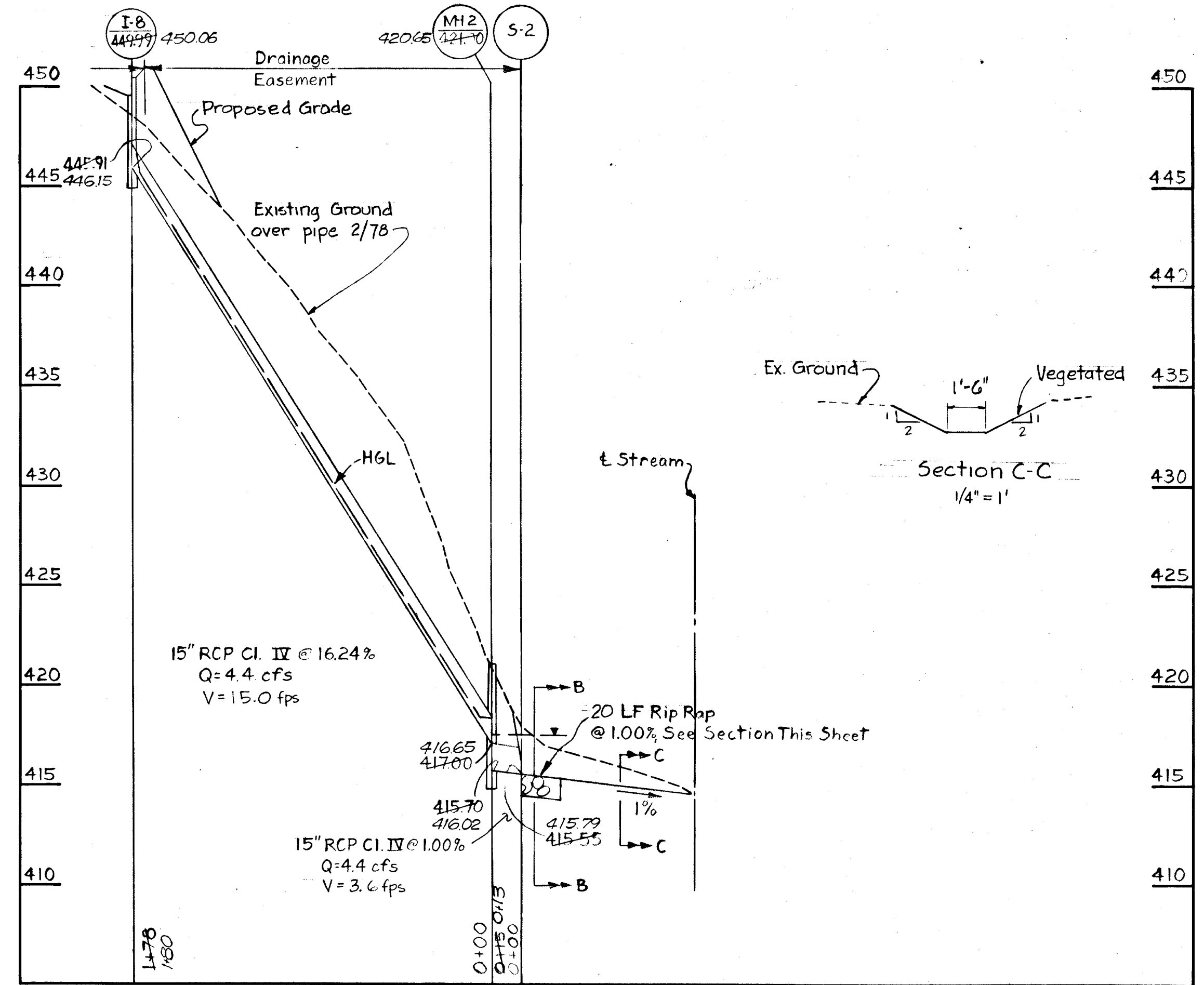
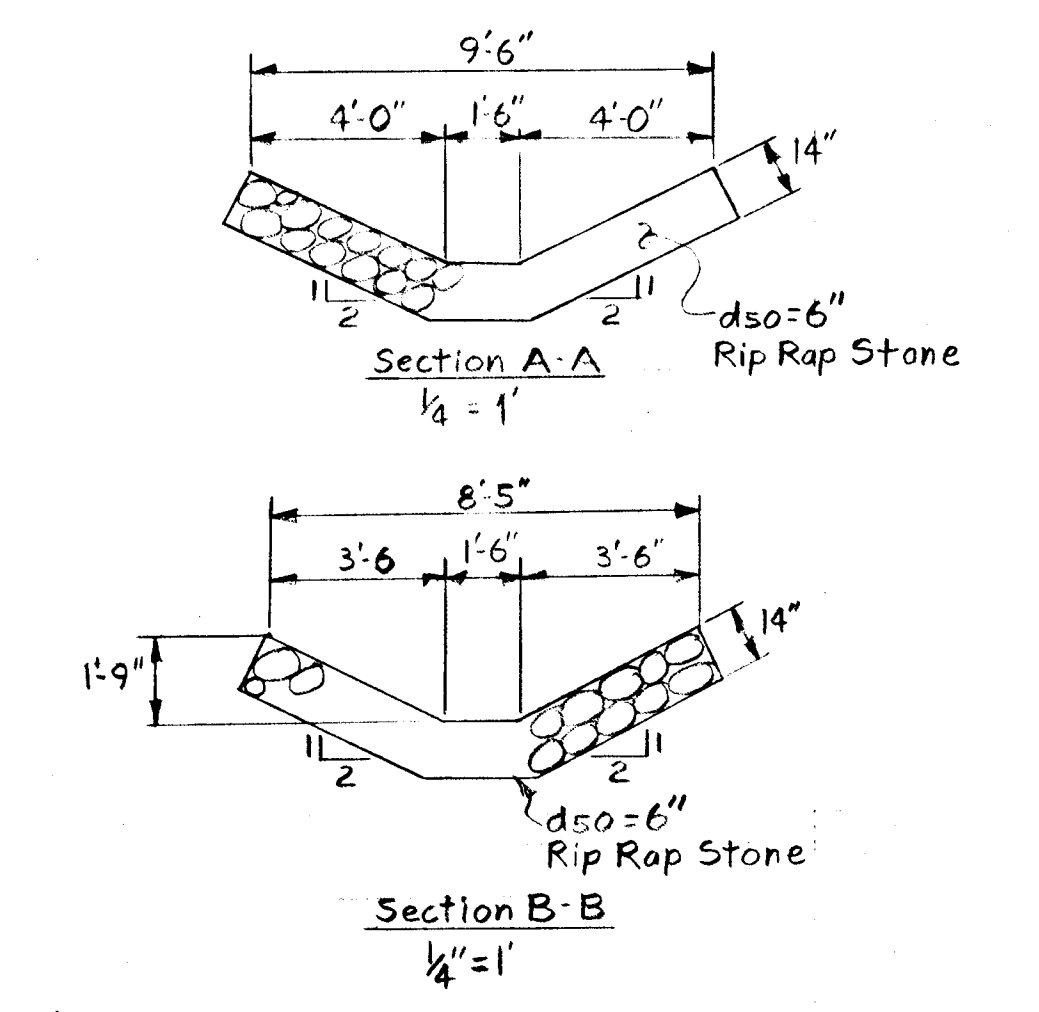
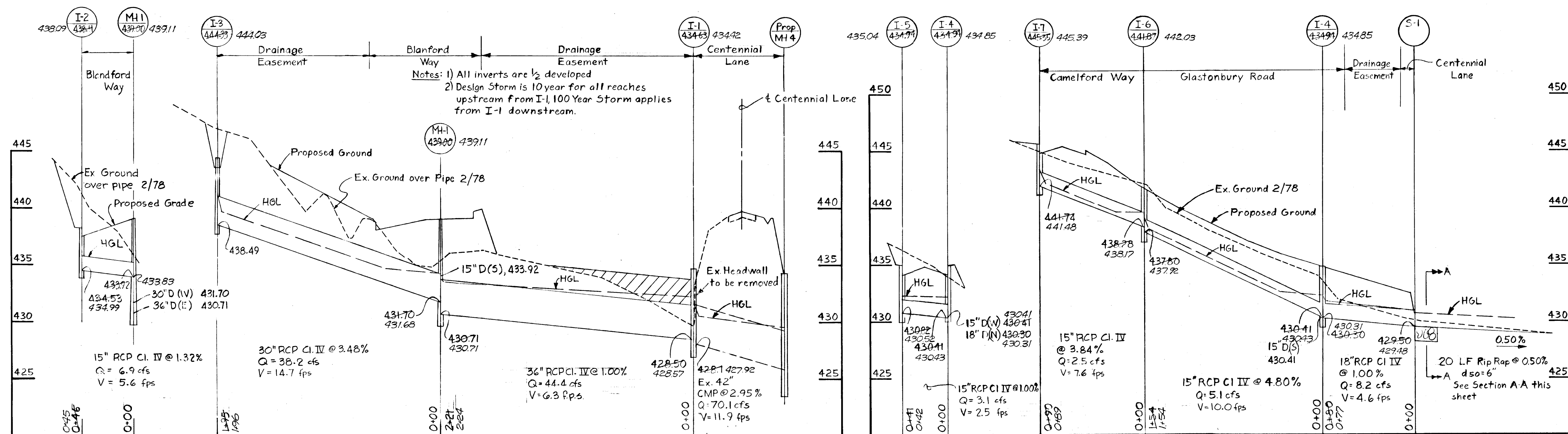
OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

DATE  
 BY  
 SURVEYED  
 NOTE BOOK  
 PLANNING  
 CHECKED  
 NO.

DATE  
 BY  
 SURVEYED  
 NOTE BOOK  
 PROFILE  
 CHECKED  
 NO.



CROSS SECTIONS CENTENNIAL LANE  
 Scales: 1" = 5' Vertical  
 1" = 10' Horizontal



-NOTE-  
 AS-BUILT SURVEY VERIFIED MAY 11, 1981  
 BY HENRY J. OHEIM, MD. REG. LAND  
 SURVEYOR No. 4156

**CERTIFICATION BY THE DEVELOPER**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND WE ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
 John DeGroot Branch Manager  
 Michael E. McGuire Manager Land Development  
 7-5-79 DATE

**CERTIFICATION BY THE ENGINEER**  
 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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 Kenneth A. McCord  
 4-26-79 DATE

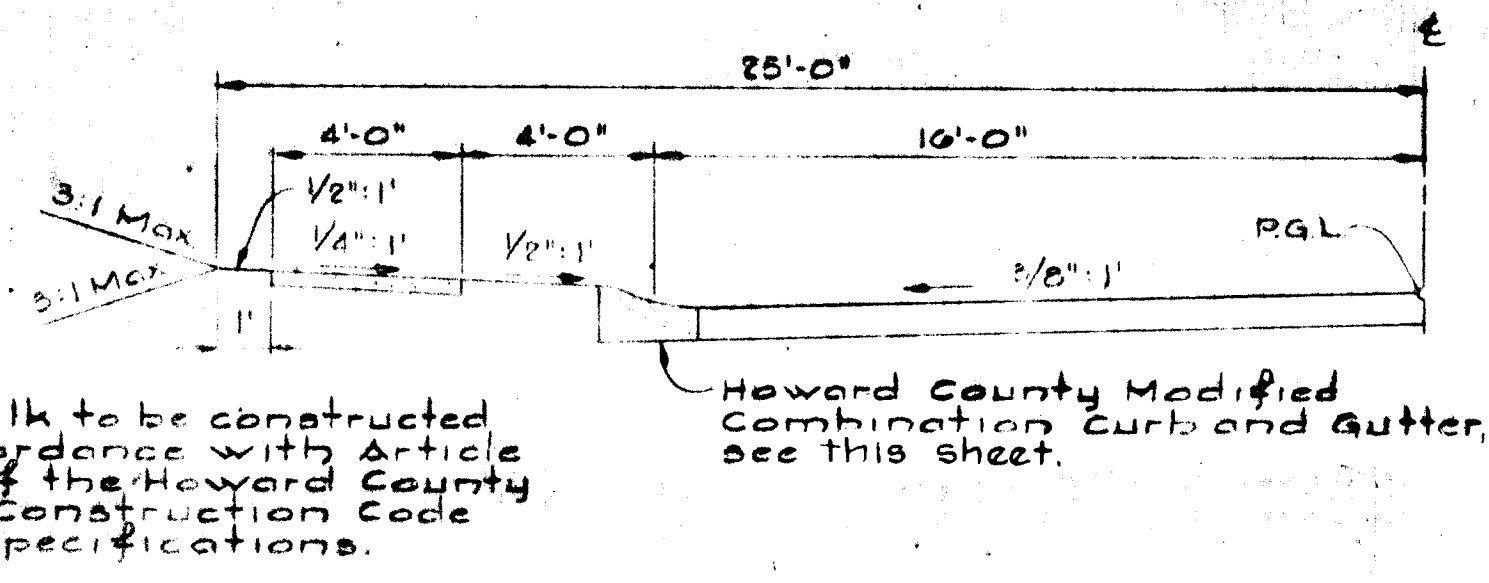
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 W. J. ...  
 U.S. SOIL CONSERVATION SERVICE  
 7-30-79 DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Robert J. Fisher  
 APPROVED  
 HOWARD S.C.D.  
 7/27/79 DATE

OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

**BURLEIGH MANOR SECTION 4 AREA 2**  
 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 STORM DRAIN PROFILES & DETAILS  
 SCALE: AS SHOWN DATE: 4-26-79  
 WILLIAM RICHARDS & ASSOCIATES ENGINEERS  
 BALTIMORE, MARYLAND 21220  
 Kenneth A. McCord  
 REGISTERED ENGINEER  
 No. 1974

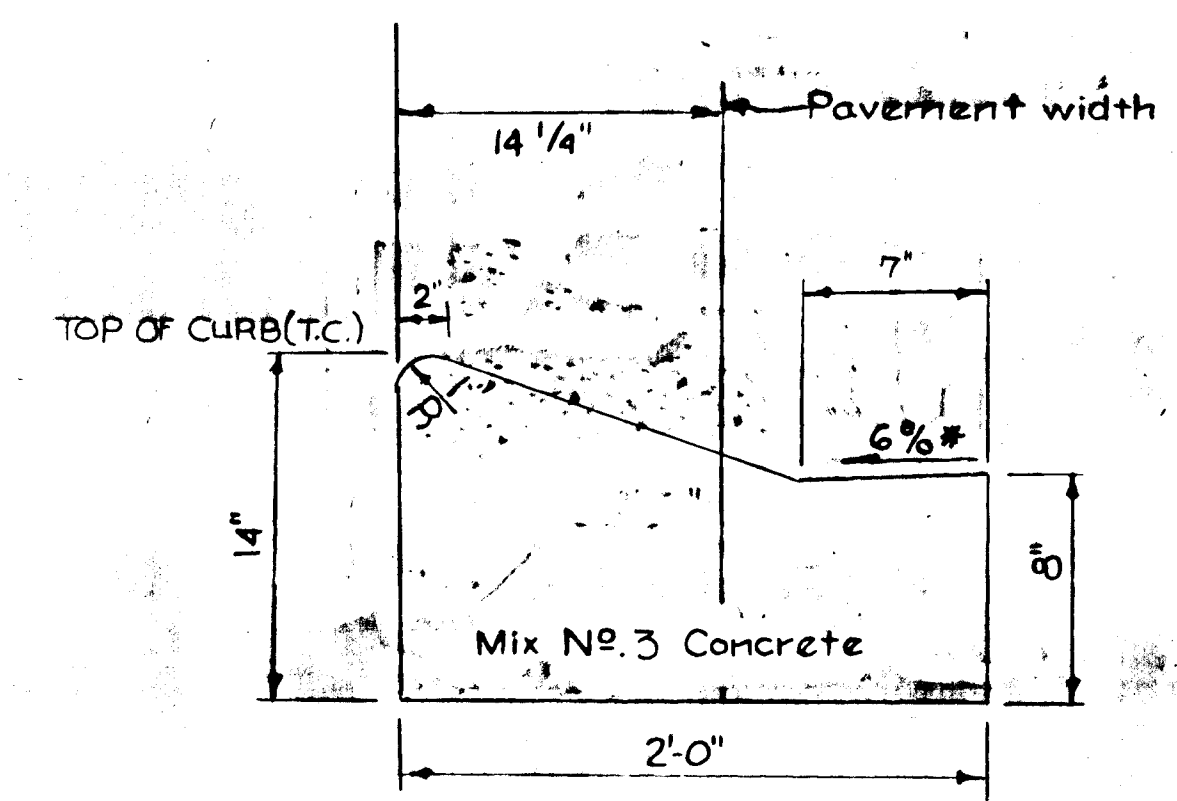
Note:  
 All roads are designed for 25 MPH speed limit



Note:  
 Sidewalk to be constructed in accordance with Article C-35 of the Howard County Road Construction Code and Specifications.

Howard County Modified Combination Curb and Gutter, see this sheet.

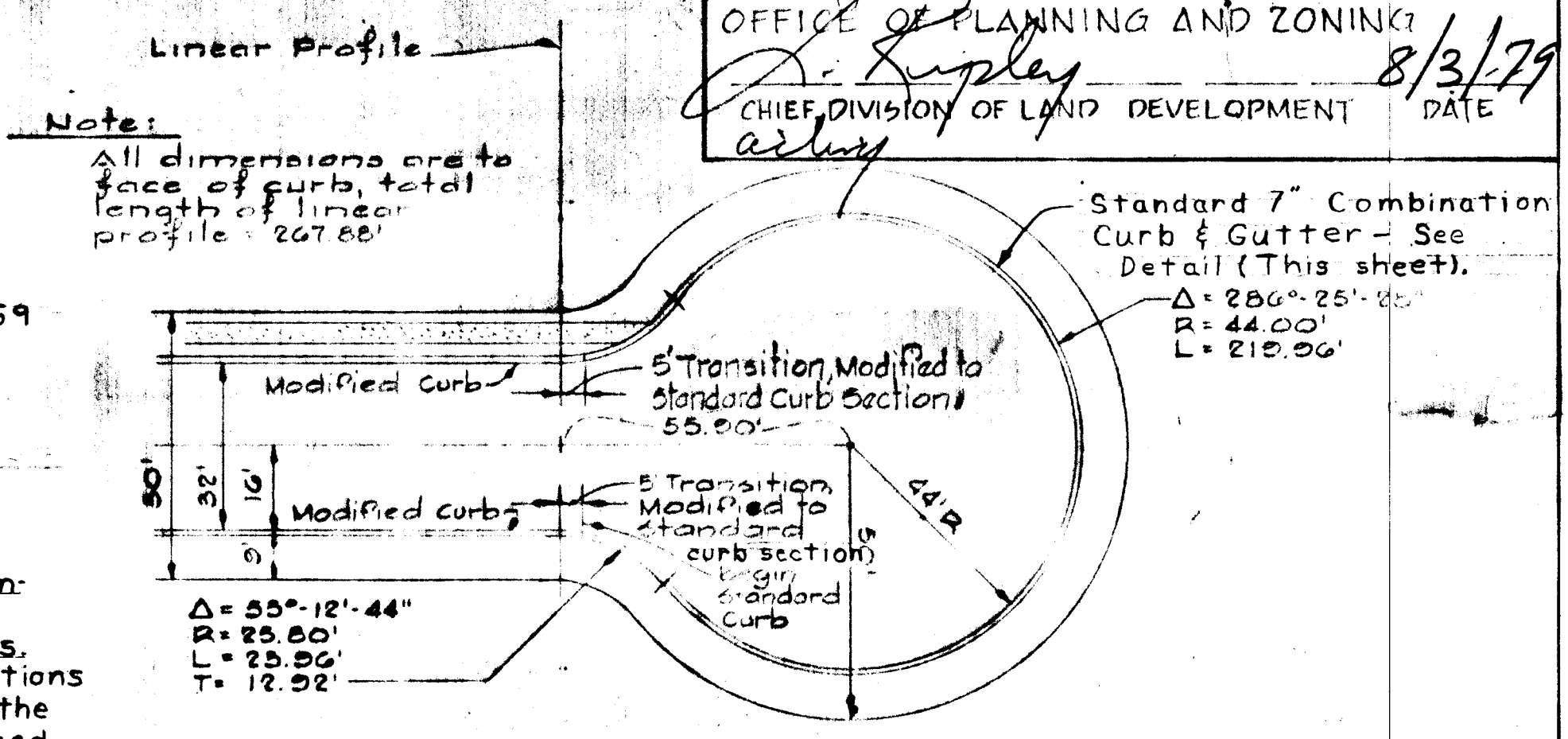
50' ROW HALF SECTION, AND 32' PAVING APPLIES TO:  
 BLANDFORD WAY  
 CAMELFORD COURT



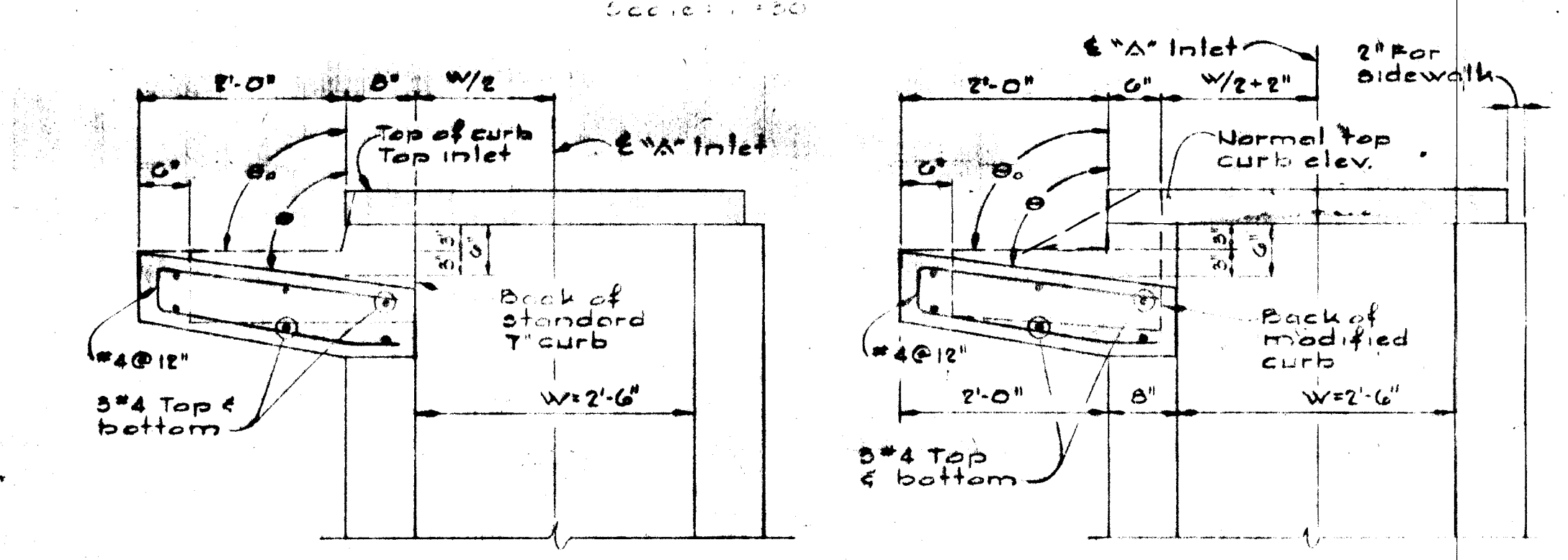
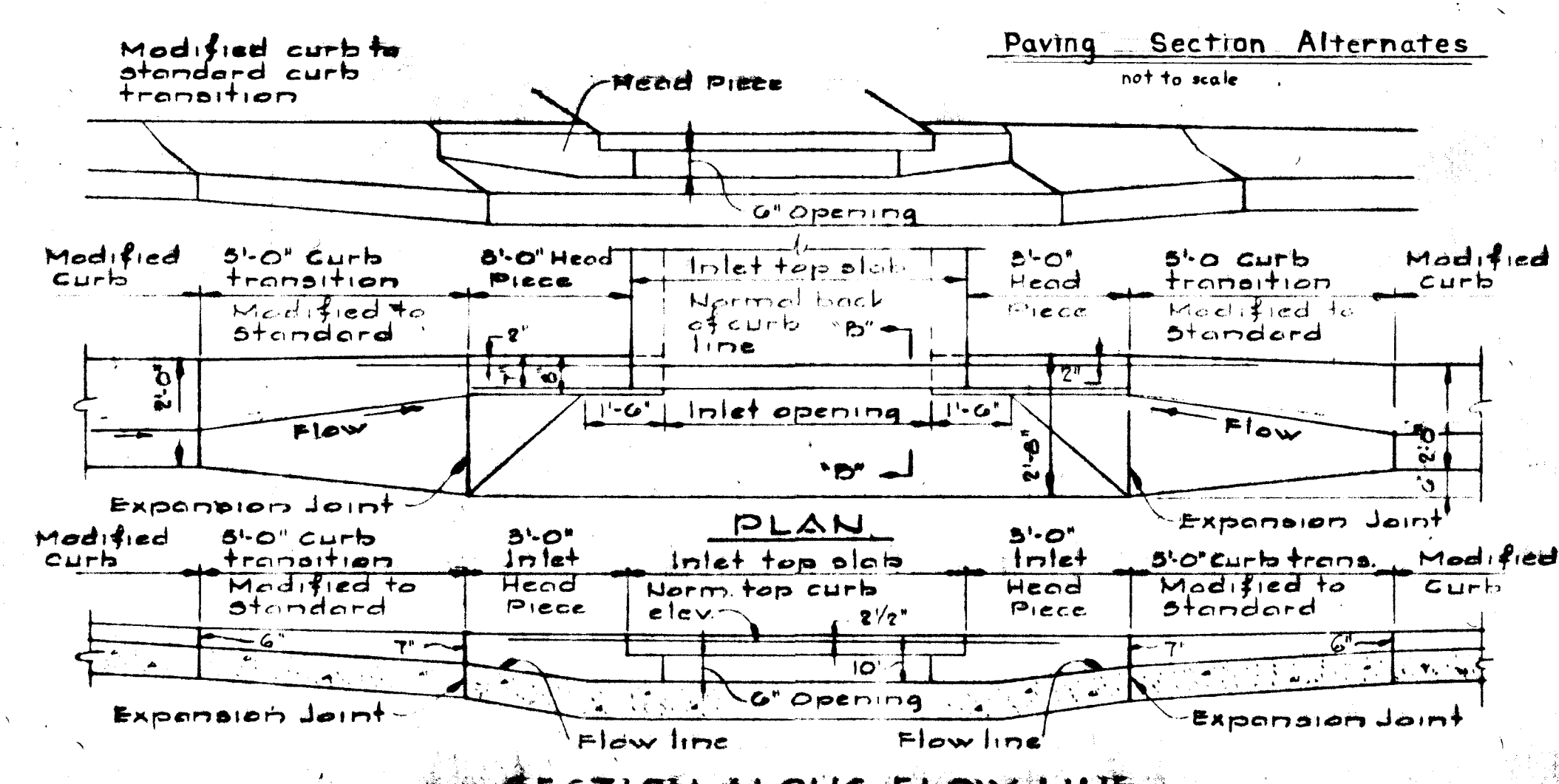
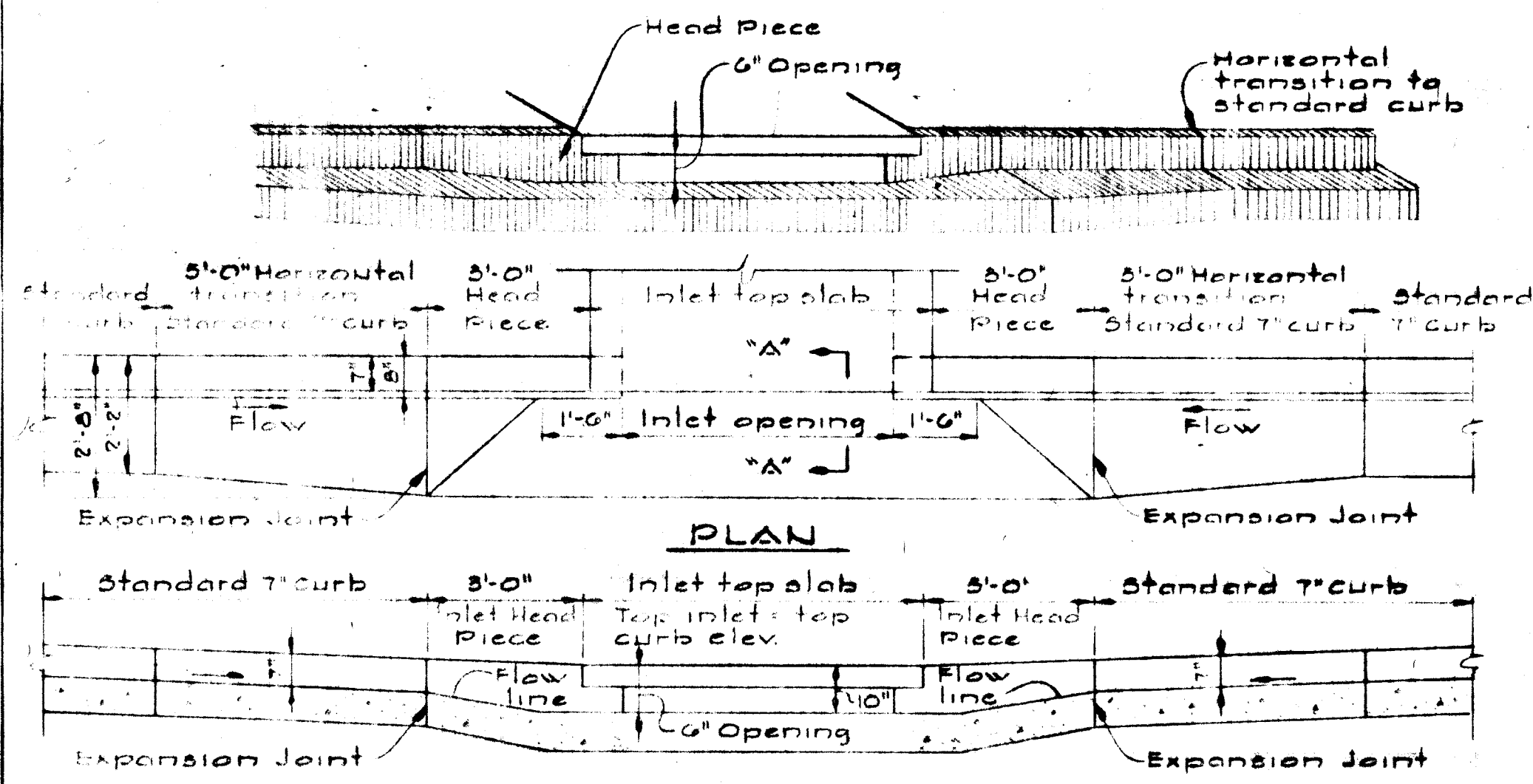
Notes for Section D-5  
 1) Base will be primed in accordance with C-30-3 as provided in the Howard County Road Construction Code and Standard Specifications.  
 2) Tack Coat is required in accordance with section C-31-4 of the Howard County Road Construction Code & Standard Specifications.

Alternate Section  
 Howard County Std D-4 page 59

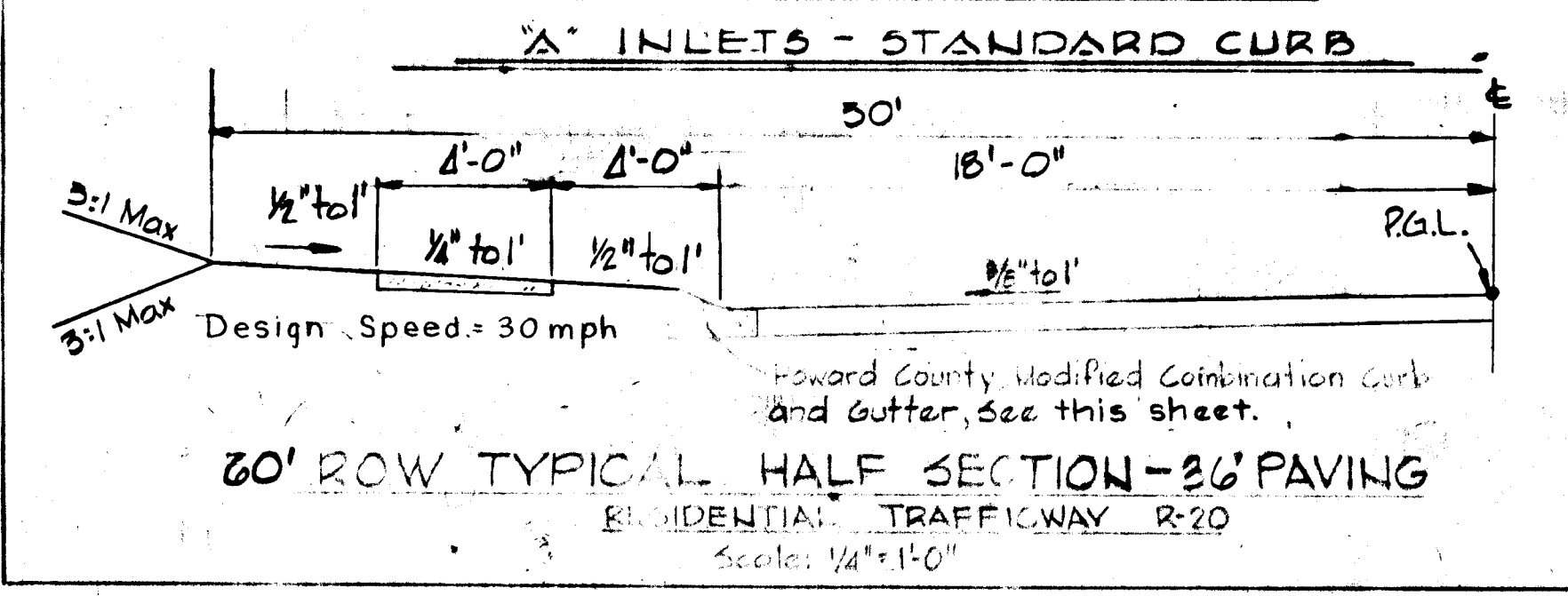
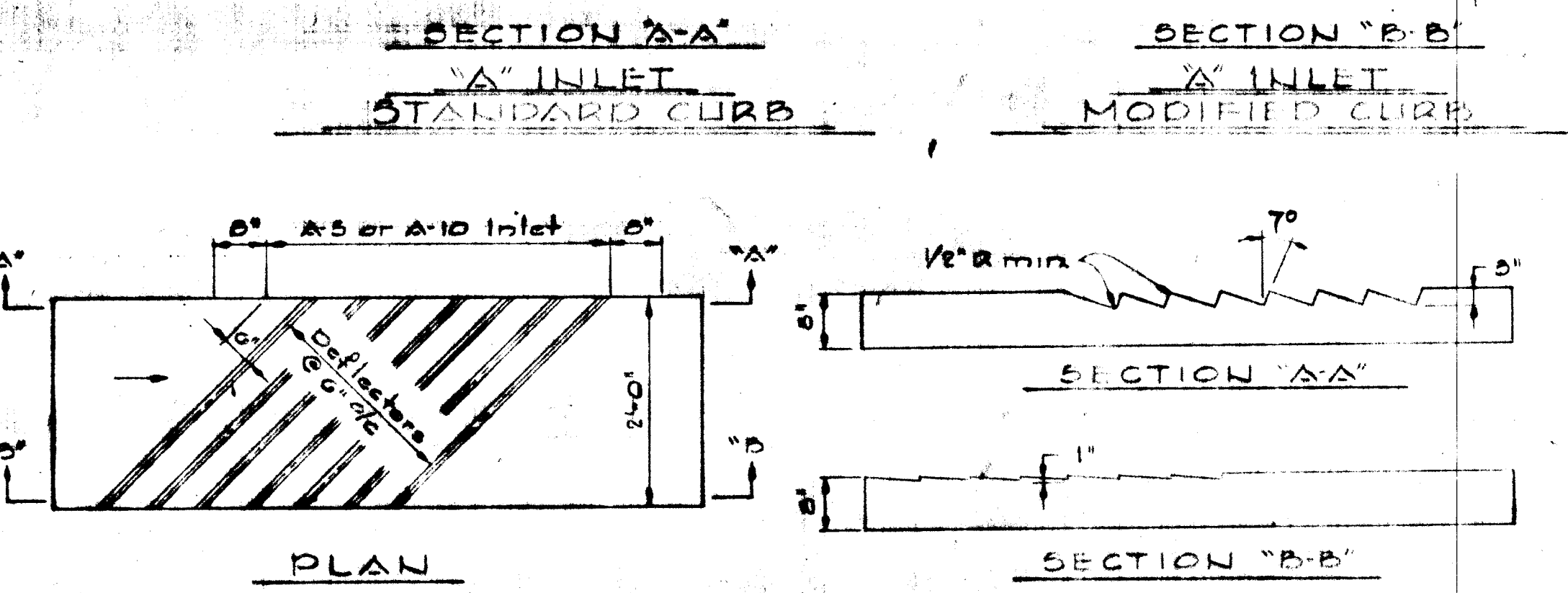
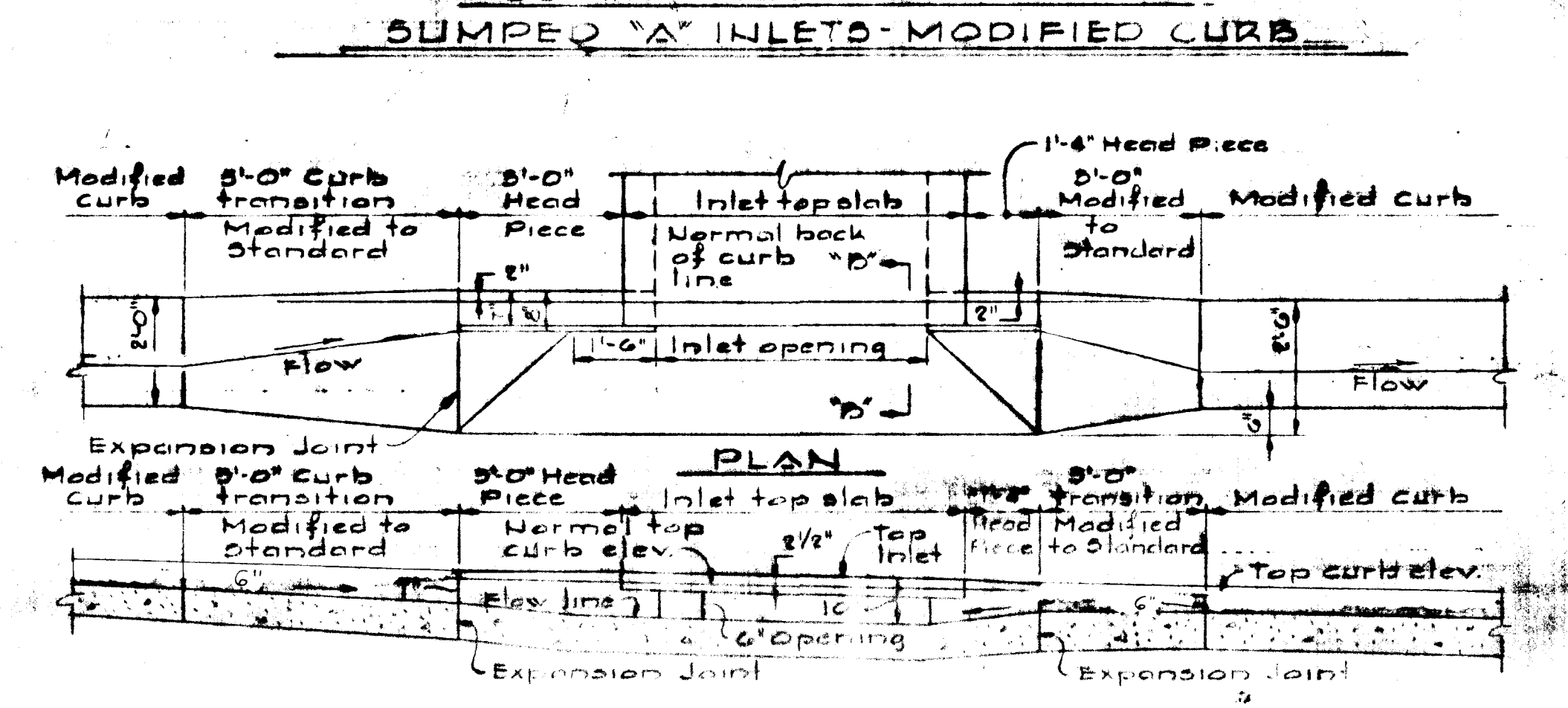
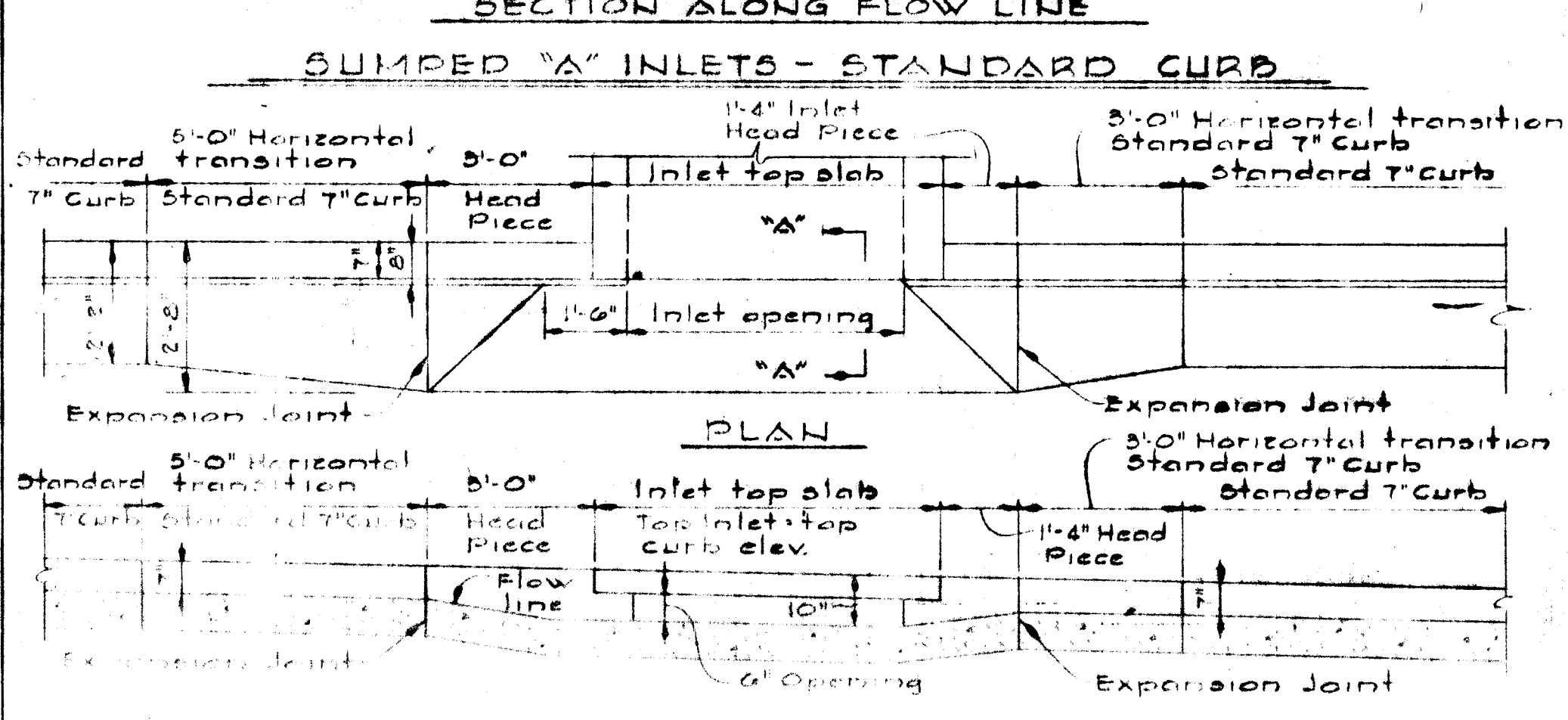
Notes: for either Section D-4 or D-5  
 1) All work shall be performed in accordance the Howard County Road Construction Code and Standard Specifications.  
 2) Only one of the paving sections shown shall be used for the road construction proposed under this submission.



CUL-DE-SAC DETAIL FOR  
 BLANDFORD WAY & CAMELFORD COURT

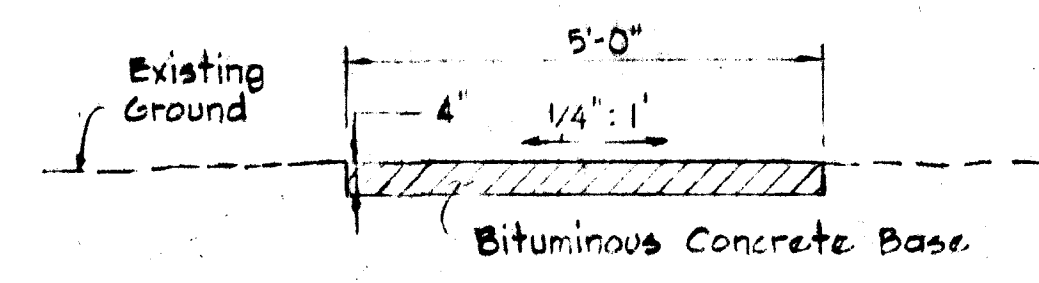


Note:  
 For 'A' inlet dimensions and structural details, see Standard Howard County Drawing G4-A page 119-A.



Howard County Modified Combination Curb and Gutter, see this sheet.

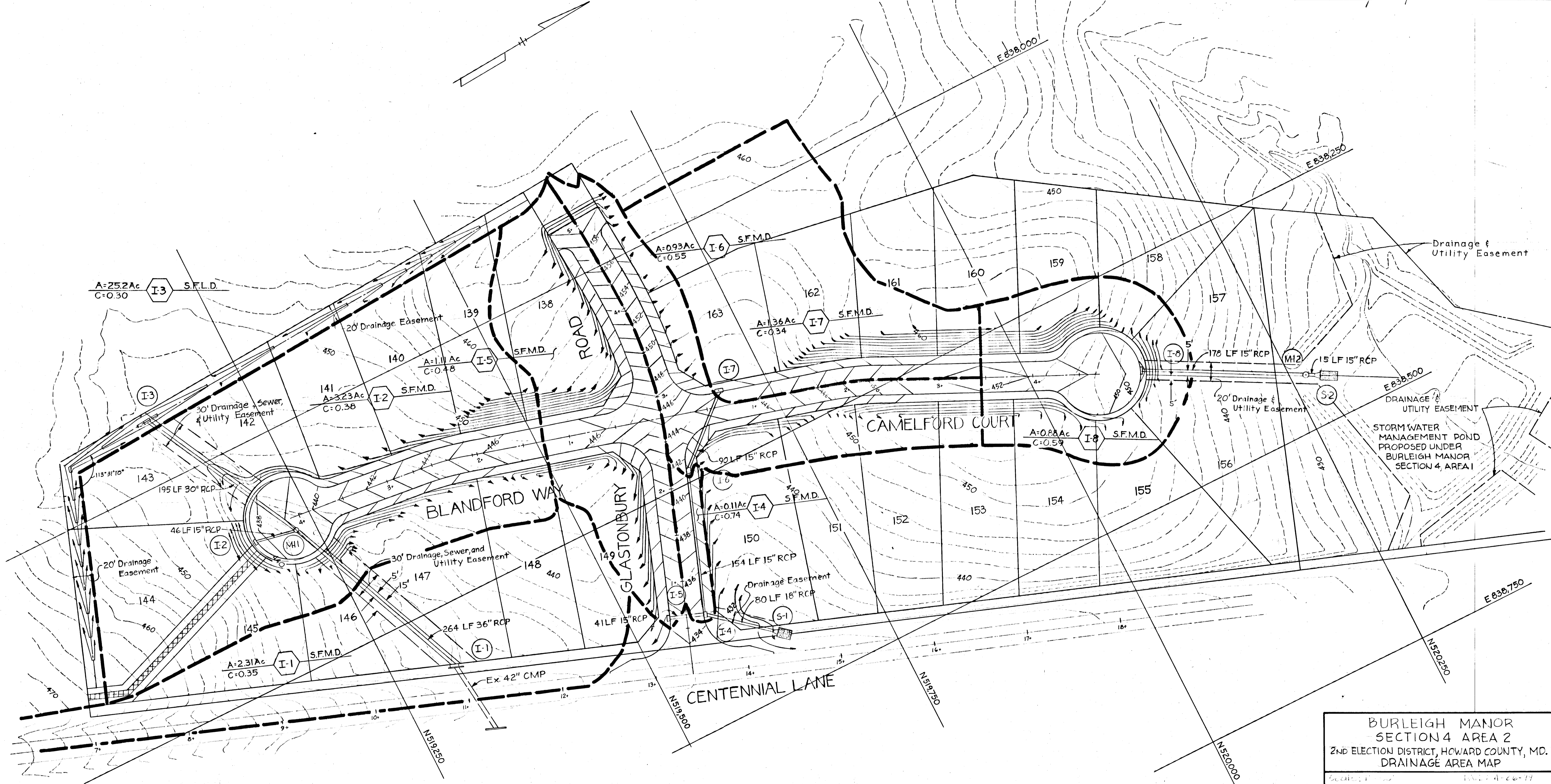
60' ROW HALF SECTION AND 36' PAVING APPLIES TO:  
 GLASTONBURY RD.



STANDARD 7" COMBINATION CURB & GUTTER. No Scale.

OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

PROJECT TITLE  
 BURLEIGH MANOR SECTION 4 AREA 2  
 2<sup>ND</sup> ELECTION DISTRICT HOWARD COUNTY MARYLAND  
 ROADWAY & STORM DRAIN DETAILS  
 SCALE: AS SHOWN DATE 4-26-79  
 WHITMAN, REQUART & ASSOCIATES ENGINEERS  
 BALTIMORE, MARYLAND 21202  
 Kenneth A. McCord  
 Registered Engineer No. 1974



BURLEIGH MANOR  
 SECTION 4 AREA 2  
 2ND ELECTION DISTRICT, HOWARD COUNTY, MD.  
 DRAINAGE AREA MAP

WHITMAN, REARDON & ASSOCIATES  
 ENGINEERS  
 BALTIMORE, MARYLAND 21202

*Kenneth A. McCord*  
 KENNETH A. MCCORD  
 Registered Engineer  
 No. 1974

OWNER AND DEVELOPER  
 COSTAIN WASHINGTON INC.  
 10710 LEE HIGHWAY SUITE 201  
 FAIRFAX, VIRGINIA 22030

**CERTIFICATION BY THE DEVELOPER**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND WE ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS AFE DEEMED NECESSARY.  
*John DeGroot* Branch Manager  
*Michael E. McGuire* Manager, Land Development  
 DATE 7-5-79

**CERTIFICATION BY THE ENGINEER**  
 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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Kenneth A. McCord*  
 KENNETH A. MCCORD  
 DATE 4-26-79

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*Whitman Reardon*  
 U.S. SOIL CONSERVATION SERVICE  
 DATE 7-22-79

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Robert J. Zehn*  
 APPROVED HOWARD S.C.D.  
 DATE 7/27/79

#172

**GENERAL NOTES**

- TEMPORARY, COMPACTED, 18" HIGH EARTH FILL DIVERSION DIKES SHALL BE CONSTRUCTED ABOVE THE LIPS OF FILL SLOPES, CONCURRENTLY WITH THE INITIAL GRADING AND DIRECTED TO UNDISTURBED SOD AREAS AT THE END OF EACH DAY.
- CONTRACTOR TO NOTIFY THE HOWARD COUNTY BUREAU OF INSPECTION AND PERMITS 465-5000X365 AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS.
- ALL DISTURBED SLOPE AREAS TO BE STABILIZED AS SOON AS GRADING IS COMPLETED.
- ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE MANUAL, "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".

**PERMANENT SEEDING NOTES**

- ALL SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED AND STABILIZED ACCORDING TO NOTE 3 PRIOR TO ANY OTHER GRADING ON THE SITE.
- NO TEMPORARY SEDIMENT CONTROL STRUCTURE MAY BE REMOVED OR DESTROYED WITHOUT APPROVAL OF THE HOWARD SOIL CONSERVATION DISTRICT.
- ALL AREAS OTHER THAN LAWNS TO BE SEED (DIKES, BASINS, DRAINAGE SWALES AND DISTURBED AREAS) AT THE RATE OF 80lbs./ACRE OF THE FOLLOWING: KENTUCKY 31 TALL FESCUE-60lbs./ACRE AND KOREAN LESPEDEZA (SCARIFY AND INOCULATE) 20lbs./ACRE, IMMEDIATELY AFTER CONSTRUCTION. SOW WITH MECHANICAL SPREADER, RAKE MINIMUM TWO (2) PASSES WITH "YORK RAKE", COVER AND COMPACT WITH CULTIPACKER.
- SURFACE PREPARATION TO INCLUDE GROUND LIMESTONE OVER TOPSOIL SURFACE AREA AT THE RATE OF ONE TON/ACRE (50lbs./1000 S.F.) COMMERCIAL FERTILIZER (10-10-10) AT THE RATE OF TWO TONS/ACRE. ANCHOR WITH ASPHALT AT THE RATE OF 480 GALLONS/ACRE. DRAINAGE SWALES AND DITCHES SHALL BE MULCHED AND COVERED WITH A PREFERATED EROSION CONTROL BLANKET FOR THE FULL WIDTH OF THE SWALE OR DITCH. BLANKET SHALL BE JUTE MATE OR EQUAL. STABILIZATIONS OF SLOPES STEEPER THAN 3:1 SHALL BE PLANTED WITH KENTUCKY 31 TALL FESCUE 40lbs./1000 S.F.) AND CROWN VETCH (SCARIFY AND INOCULATE) 15lbs./ACRE.

**SEQUENCE OF CONSTRUCTION**

- Obtain Grading Permit.
- Clear and grub wooded areas.
- Construct Diversion Dikes along proposed roadways and at sediment traps.
- Strip and grade roads and seed topsoil stock pile.
- Install storm drain pipes. Place Poly Filter GB Cloth around end of downstream pipe at all inlet and manhole locations prior to laying upstream pipe. See Detail 'A', this sheet.
- Build inlets and manholes and install wood planking and stone filters at inlets to complete sediment trap construction. Block inlets as noted.
- Construct all utilities.
- Final grade roads, construct curb and gutter and seed all disturbed areas as per specifications this sheet.
- Remove sediment traps, finish curb and gutter and pave roads.
- Remove diversion dikes after construction is complete and grass is established.

**LAWN SEEDING NOTES**

- ALL SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED AND STABILIZED ACCORDING TO NOTE 3 PRIOR TO ANY OTHER GRADING ON SITE.
- NO TEMPORARY SEDIMENT CONTROL STRUCTURE MAY BE REMOVED OR DESTROYED WITHOUT APPROVAL OF THE HOWARD SOIL CONSERVATION DISTRICT.
- ALL LAWN AREAS TO BE SEED AT THE RATE OF 113lbs./ACRE (31lbs./1000 S.F.) OF THE FOLLOWING: CERTIFIED BLUEGRASS - 65½ lbs./ACRE (1½ lbs./1000 S.F.) AND CREEPING RED FESCUE - 65½ lbs./ACRE (1½ lbs./1000 S.F.) IMMEDIATELY AFTER CONSTRUCTION. SOW WITH A MECHANICAL SPREADER, RAKE MINIMUM TWO (2) PASSES WITH "YORK RAKE", COVER AND COMPACT WITH CULTIPACKER SURFACE PREPARATION TO INCLUDE - GROUND LIMESTONE OVER TOPSOIL SURFACE AREA AT THE RATE OF ONE TON/ACRE (50lbs./1000 S.F.) COMMERCIAL FERTILIZER (10-10-10) AT THE RATE OF 1000lbs./ACRE. MULCH AREAS WITH STRAW AT THE RATE OF 50lbs./ACRE OR ONE TON/ACRE. ANCHOR WITH ASPHALT AT THE RATE OF 480 GALLONS/ACRE.

**SODDING NOTES**

- APPLY 10-10-10 FERTILIZER @ 1000lbs./ACRE (25lbs./1000 S.F.)
- APPLY GROUND AGRICULTURAL LIMESTONE @ 2000lbs./ACRE (50lbs./1000 S.F.)
- INCORPORATE BOTH LIME AND FERTILIZER INTO SOIL BY DISCING. FIRM UP AFTER INCORPORATION.
- LAY SOD TO A TIGHT FIT. ROLL TO ENSURE CONTACT WITH UNDERLYING SOIL. WATER IS NECESSARY FOR 1ST 2 WEEKS (IN SUMMER) TO ENSURE ESTABLISHMENT.

**CERTIFICATION BY THE DEVELOPER**

I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control and also authorize periodic on site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary.

John DeGroot, Branch Manager  
Michael E. McGuire, Manager, Land Development  
Date: 7-5-79

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

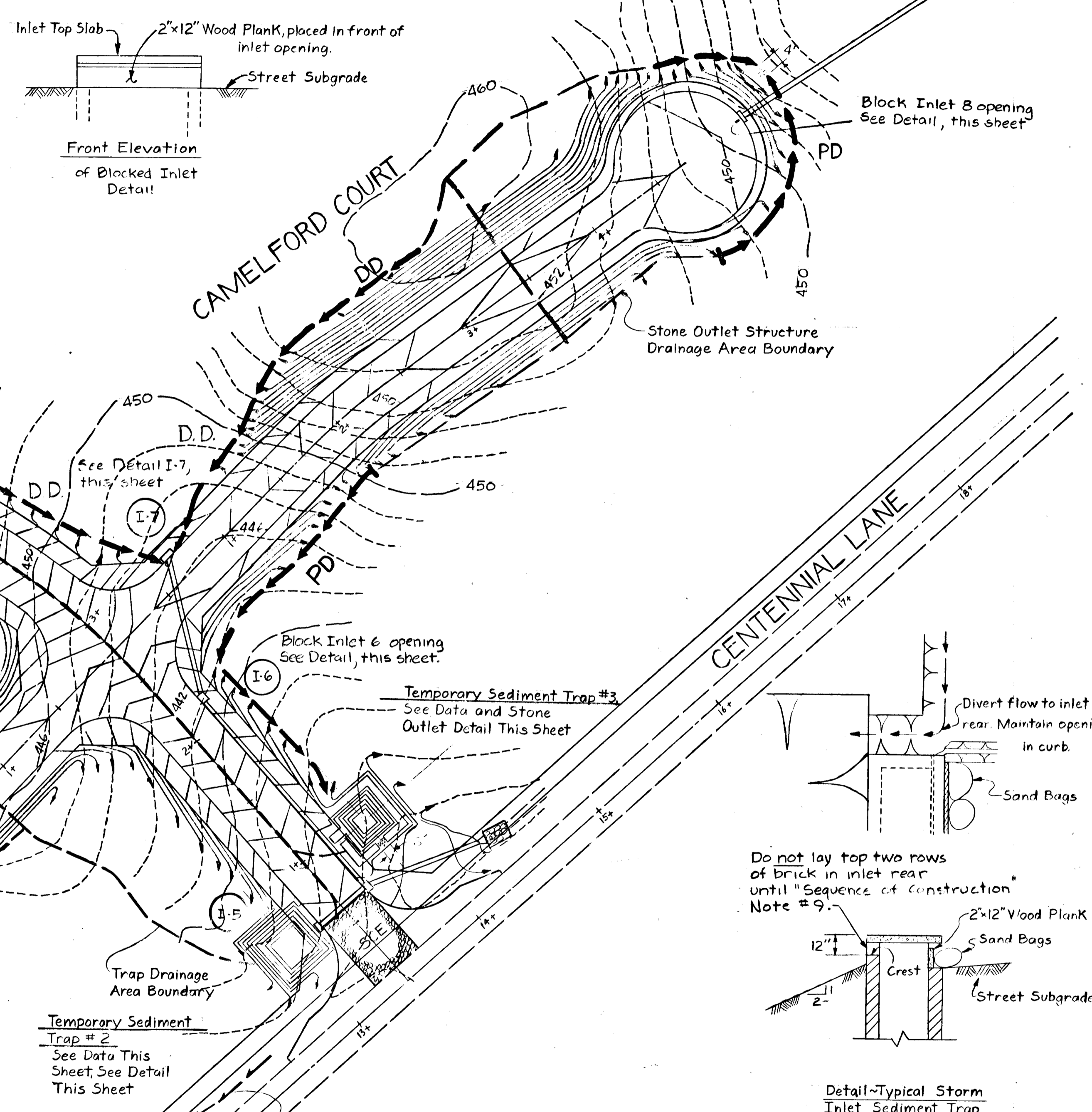
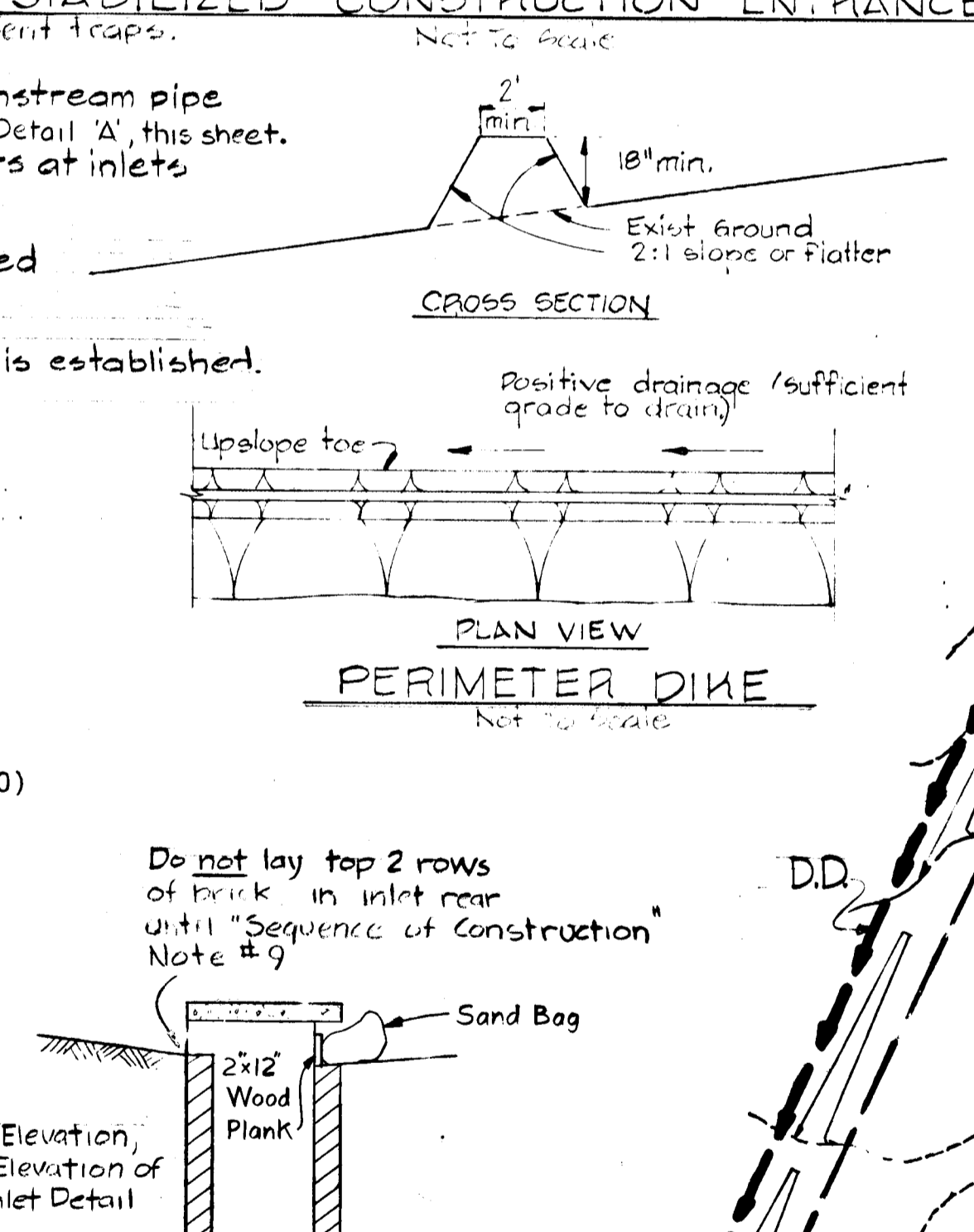
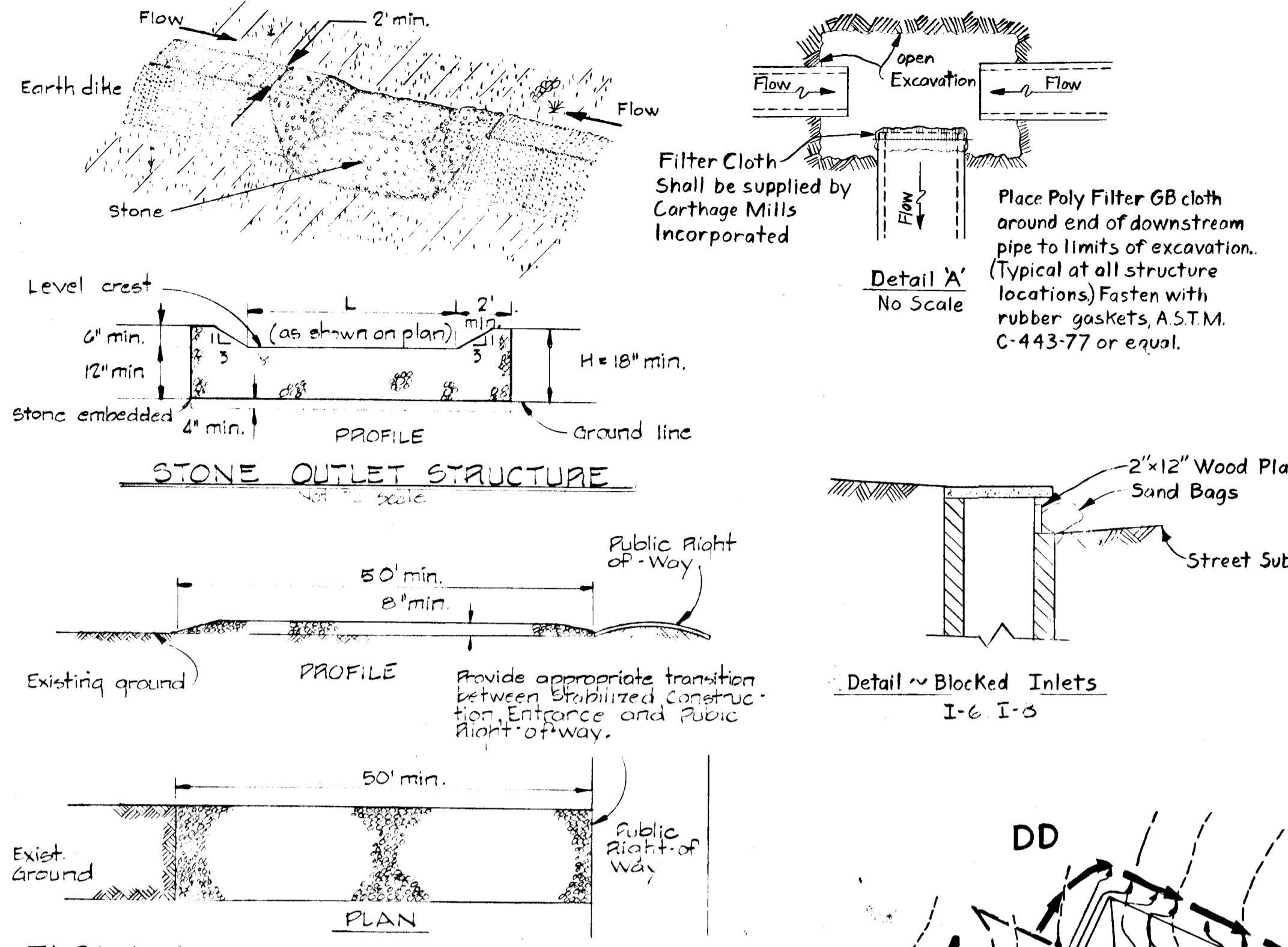
REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS

W. J. ... DATE: 7/20/79  
U.S. SOIL CONSERVATION SERVICE

APPROVED: Robert J. ... DATE: 7/27/79  
HOWARD S.C.D.

SEDIMENT TRAP DATA			
Trap #	1	2	3
Type	Storm Inlet	Storm Inlet	Stone Outlet
Location to trap center	4+72 Extended Blandford Way	0+64 Glastonbury Rd, 405' Left	0+93 Glastonbury Rd, 47' Right
Drainage Area	2.53 Ac	1.17 Ac	0.94 Ac
Disturbed Area	0.74 Ac	0.61 Ac	0.94 Ac
Required Volume	4550 ft <sup>3</sup>	2110 ft <sup>3</sup>	1690 ft <sup>3</sup>
Available Volume	4580 ft <sup>3</sup>	2140 ft <sup>3</sup>	1700 ft <sup>3</sup>
Crest Elevation	437.1	433.94	435.00
Bottom Elevation	432.00	429.80	431.00
Bottom Dimensions	6'x40'	19.2'x19.2'	12'x12'
Side Slopes	2:1	2:1	2:1

DEPARTMENT OF PUBLIC WORKS  
W. O. ... 8-13-79  
CHIEF, BUREAU OF ENGINEERING DATE  
OFFICE OF PLANNING AND ZONING  
... 8/3/79  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE



**CERTIFICATION BY THE ENGINEER**  
"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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."  
Kenneth A. McCord, P.E. 1974  
Date: 4-26-79

OWNER AND DEVELOPER  
COSTAIN WASHINGTON INC.  
10710 LEE HIGHWAY SUITE 201  
FAIRFAX, VIRGINIA 22030

BURLEIGH MANOR SECTION 4 AREA 2  
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SEDIMENT CONTROL PLAN AND DETAILS  
SCALE: AS SHOWN DATE: 4-26-79  
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS  
BALTIMORE, MARYLAND 21202  
Kenneth A. McCord Registered Engineer No 1974