

DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

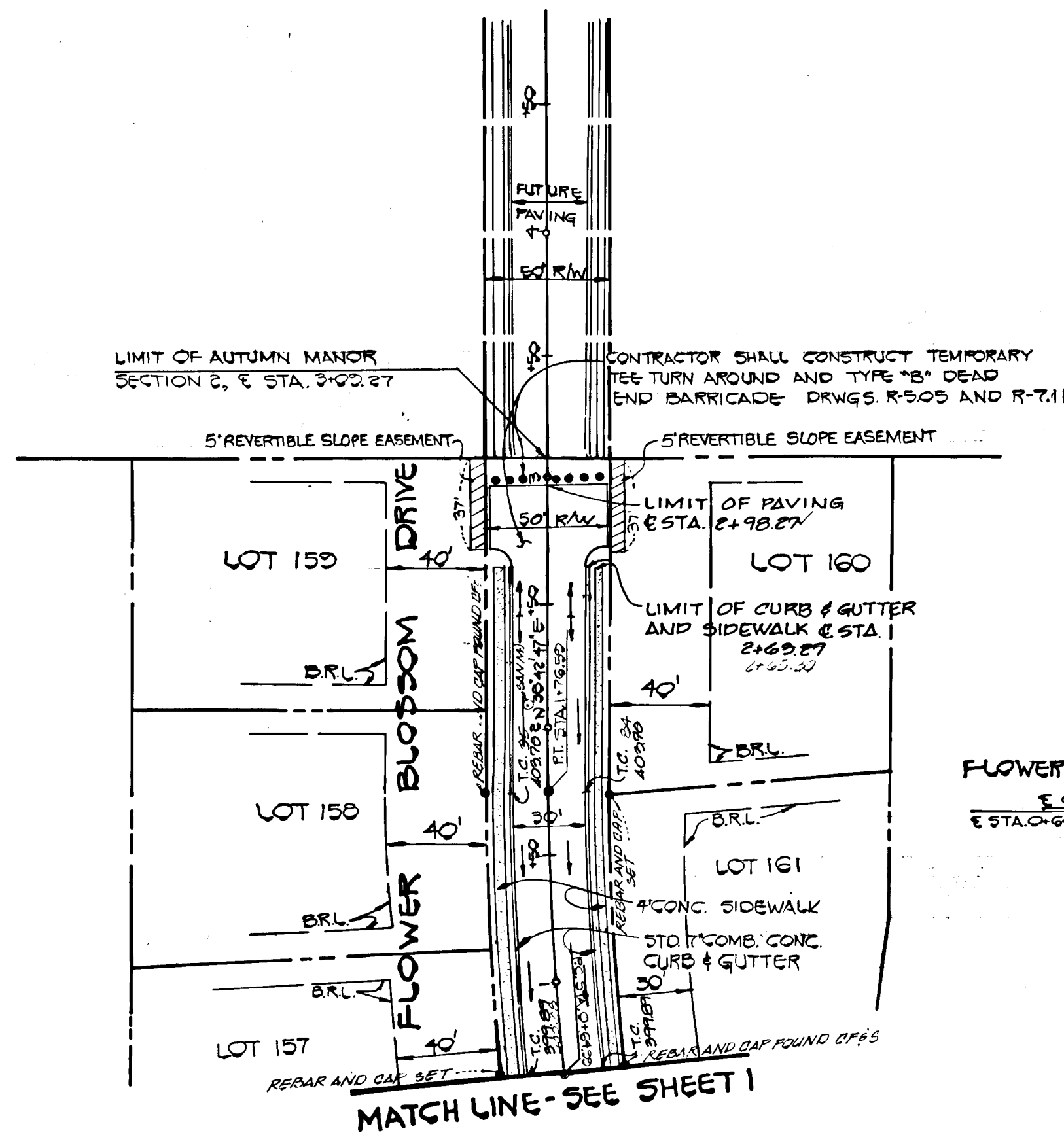
DATE	
BY	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	

APPROVED DEPARTMENT OF PUBLIC WORKS
M. L. F. 3-16-88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
Franklin W. Halland 3/25/88
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS
William J. P. 3-15-88
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED OFFICE OF PLANNING AND ZONING
Joseph K. Keith 3/22/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



FLOWER BLOSSOM DRIVE
 CURVE DATA
 STA. 0+64.00 TO STA. 1+76.55
 R=1065.00'
 L=111.55'
 Δ=06°00'15"
 T=55.05'
 CHD=N35°42'40"E
 11.55'

No.	Date	Descriptions
1	1/4/73	REMOVED MAC. WALKWAYS ON LOTS 169 & 170
REVISIONS		

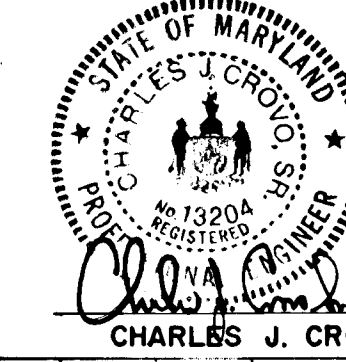
AUTUMN MANOR
 SECTION 2
 LOTS 155-183
 2ND. ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FLOWER BLOSSOM DRIVE
 PLAN AND PROFILE

OWNER AND DEVELOPER
 TAYLOR LAND SERVICE CO., INC.
 C/O HOWARD COUNTY LAND SERVICES
 6307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

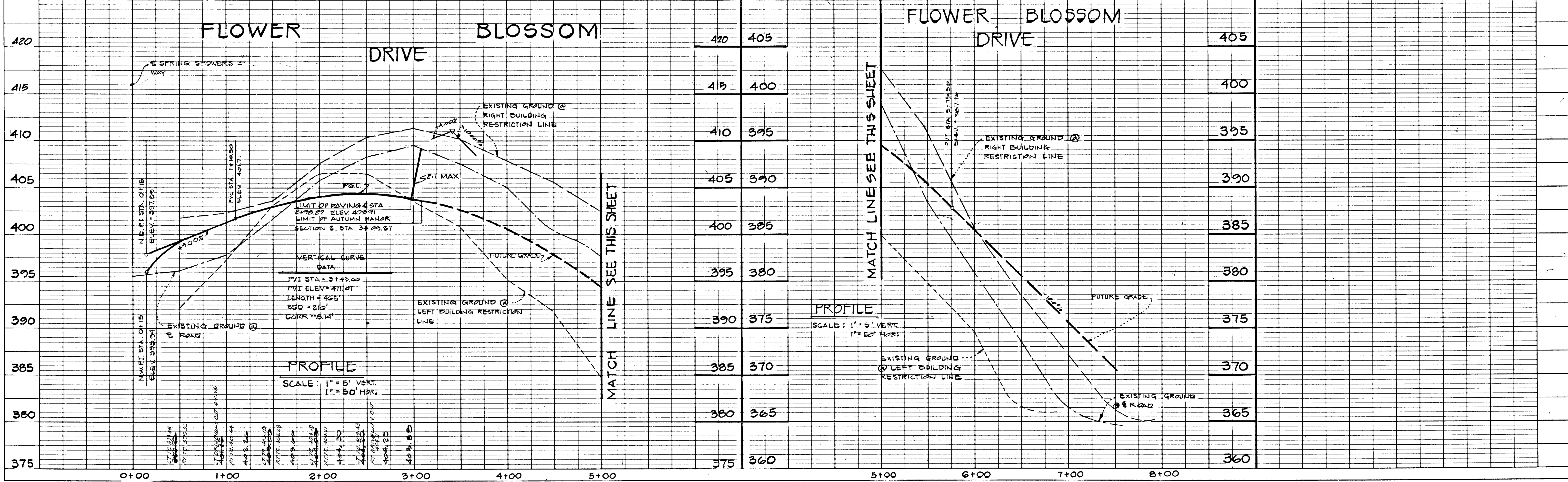
SCALES SHOWN DATE NOV. 20, 1987 DWG. NO. 2 OF 5
 DES. R.C. SHUMAKER DRN. C. BAUER CHK. C.J. CROVO SR.

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

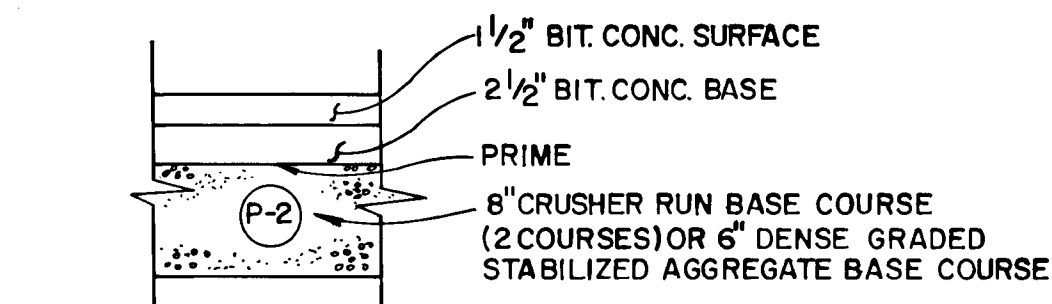


PLAN
 SCALE 1" = 50'

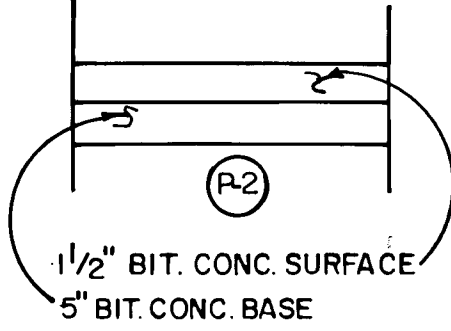
DATE 12/5/87



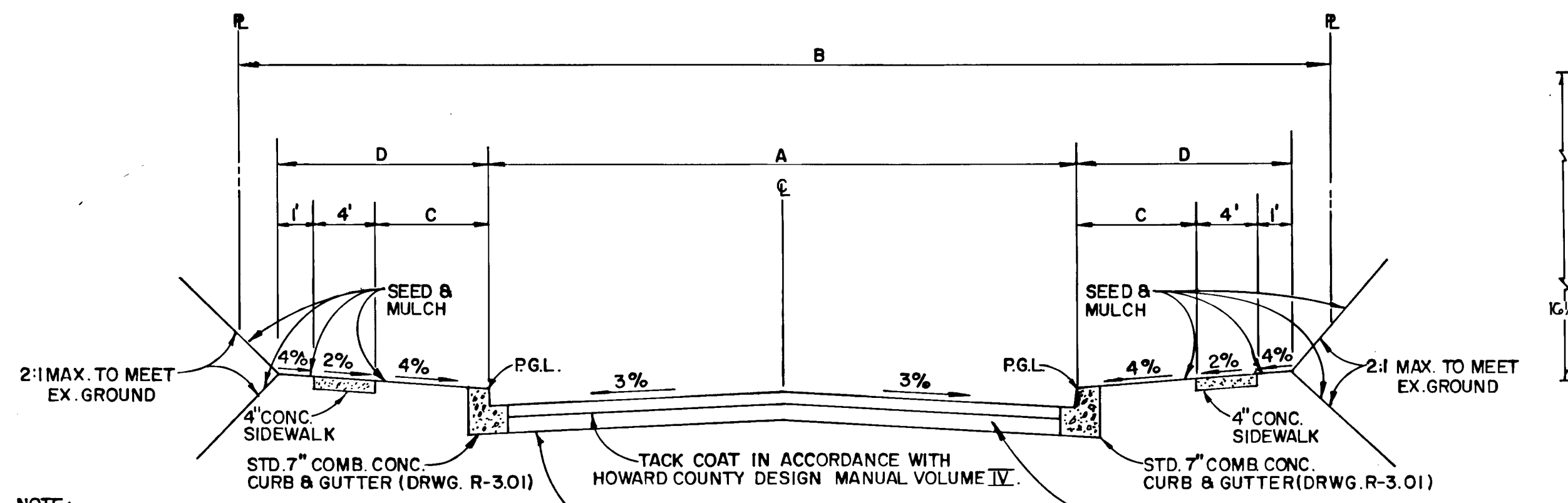
1/32



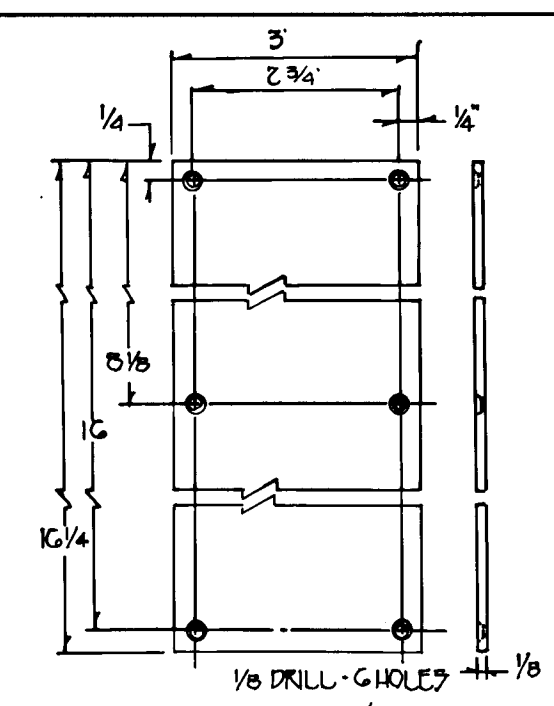
PAVING SECTION P-2
NO SCALE



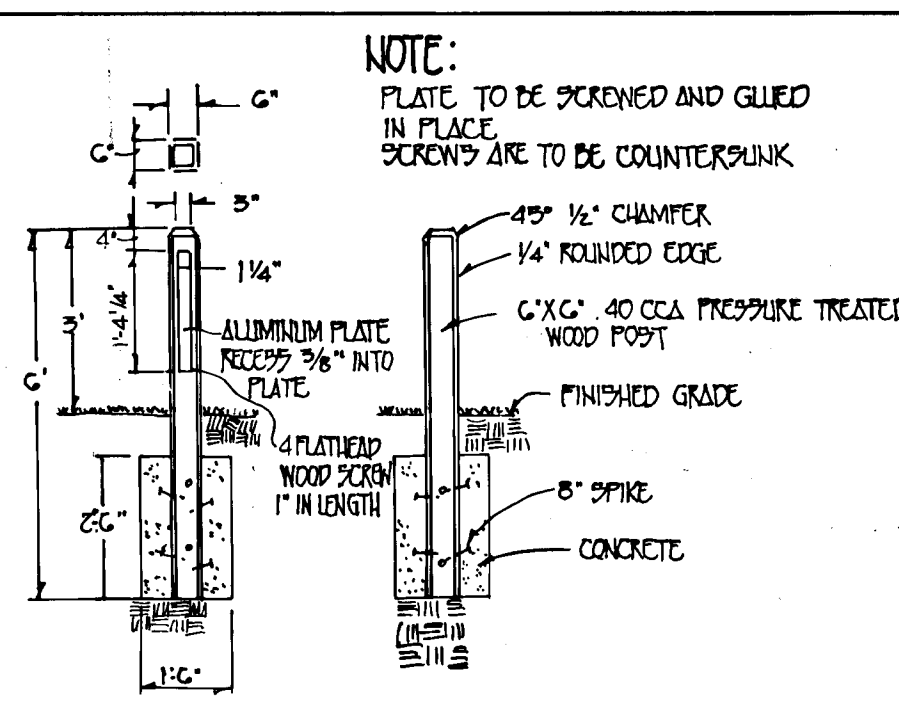
PAVING SECTION P-2
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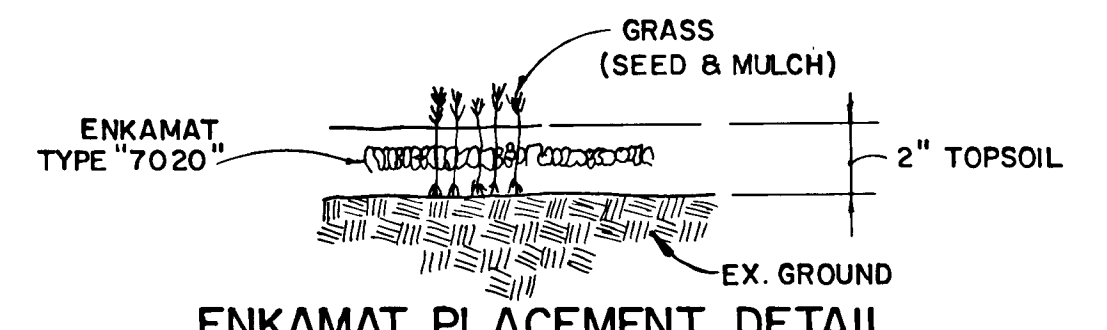
TYPICAL ROADWAY SECTION
NO SCALE



ALUMINUM PLATE

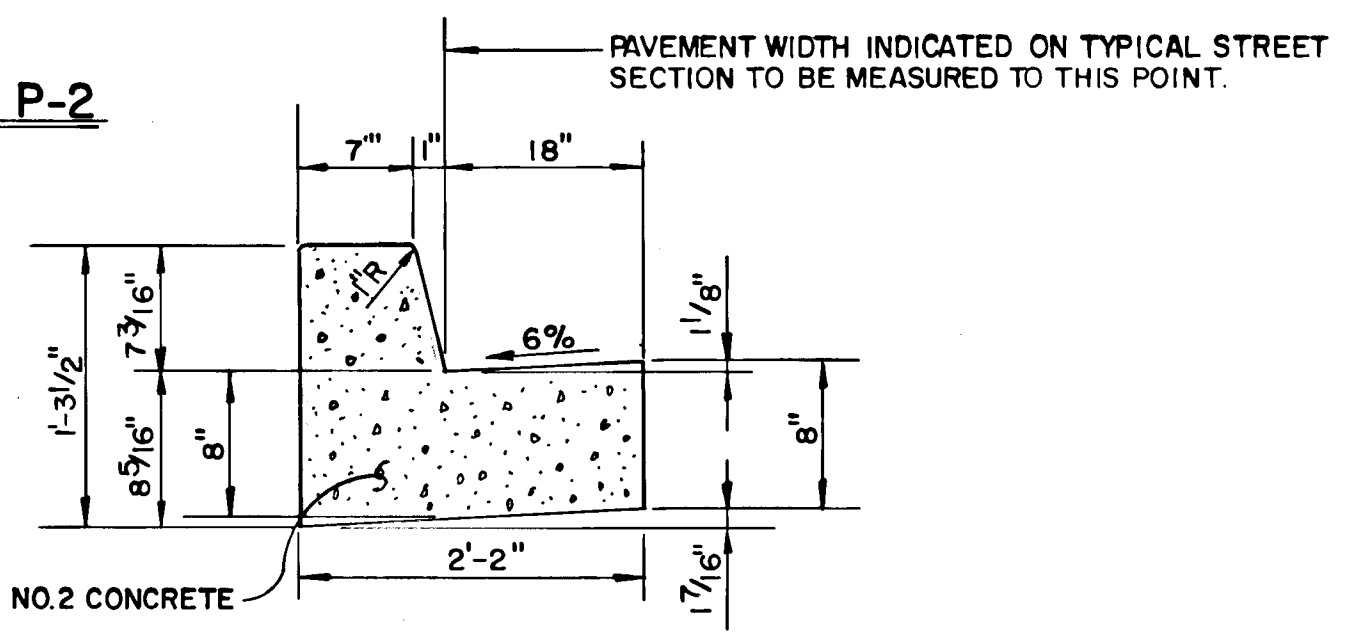


OPEN SPACE BOLLARD DETAIL
NO SCALE



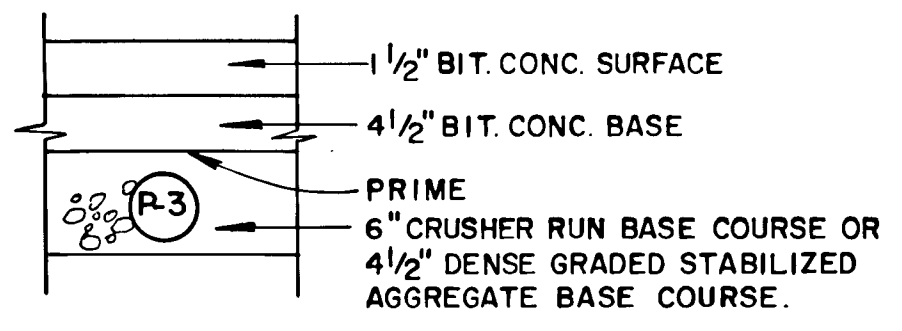
ENKAMAT PLACEMENT DETAIL
NO SCALE

NOTE: LINE FULL SECTION OF CHANNEL FROM STA. 0+00 TO STA. 3+43 WITH ENKAMAT TYPE 7020. SEE DETAIL THIS SHEET.

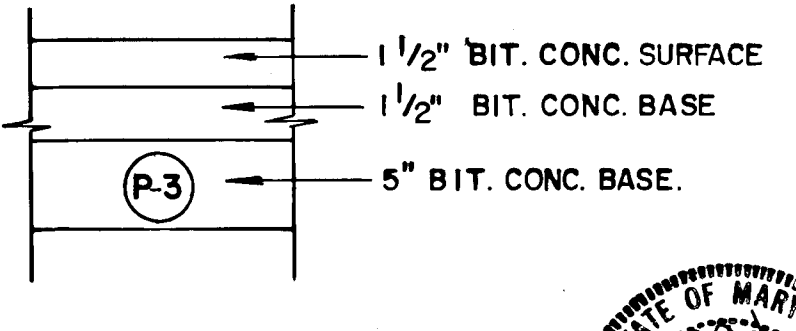


STANDARD SLOPE 7" COMB. CONC. CURB & GUTTER
NO SCALE

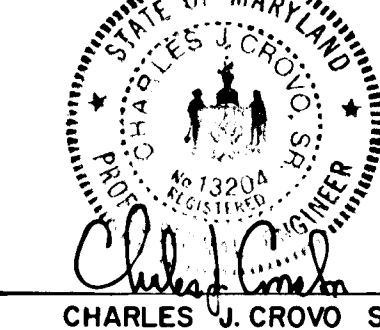
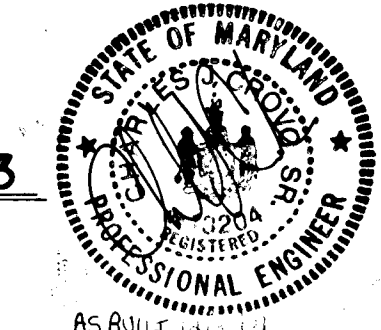
ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	A	B	C	D	E	STATION LIMITS	PAVING SECTION
ROBERTS ROAD	MINOR COLLECTOR	35 M.P.H.	R-20	36'	60'	7'	12'	8'	+86.88 TO 13+51.22	P-3
SPRING SHOWERS WAY	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	2'	+03.85 TO 9+23.82	P-2
FLOWER BLOSSOM DRIVE	LOCAL ROAD	30 M.P.H.	R-20	30'	50'	4'	9'	0'	+00 TO 3+09.27	P-2



PAVING SECTION P-3
NO SCALE



PAVING SECTION P-3
NO SCALE



ADDED BOLLARD DETAIL
12-20-92

AUTUMN MANOR SECTION 2
 LOTS 155-183
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
SPRING SHOWERS WAY PROFILE
 ROAD SECTIONS, DETAILS AND STORM DRAIN PROFILES
 OWNER AND DEVELOPER:
 TAYLOR LAND SERVICE CO., INC.
 C/O HOWARD COUNTY LAND SERVICES
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 SCALE AS SHOWN DATE NOV. 20, 1987 DWG. NO. 3 OF 5
 DES. R.C. SHUMAKER DRN. C. BAUER CHK. C. CROVO SR.
FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

DATE
BY
APPROVED
DEPARTMENT OF PUBLIC WORKS
CHIEF, LAND DEVELOPMENT DIVISION
DATE

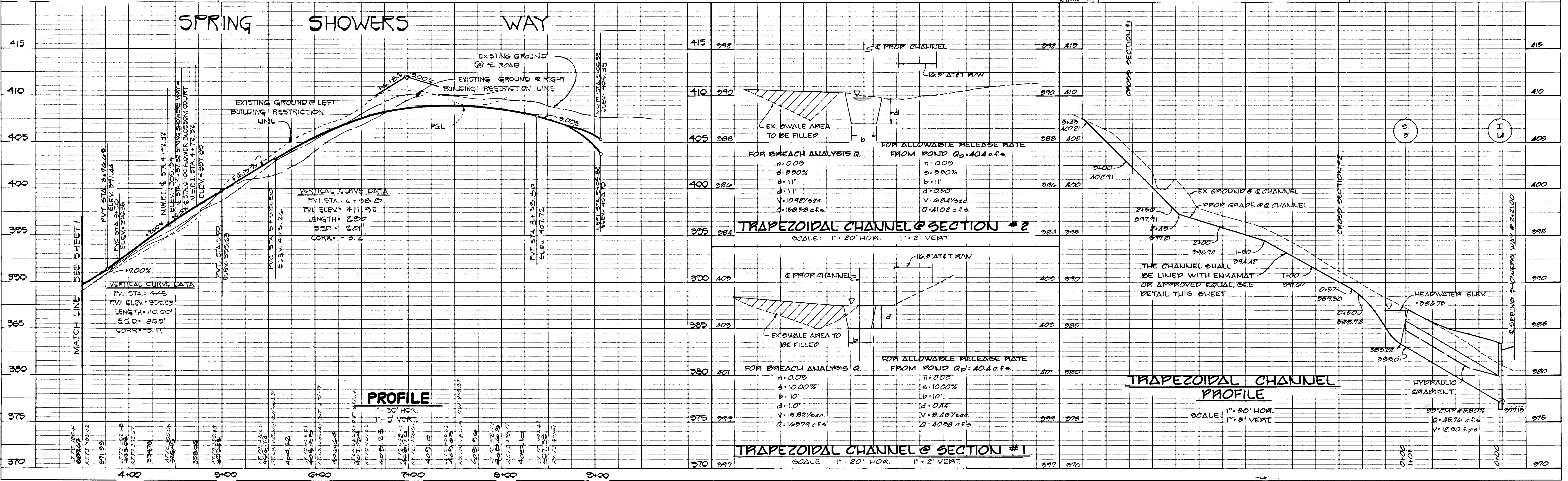
DATE
BY
APPROVED
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
DATE

DATE
BY
APPROVED
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING
DATE

DATE
BY
APPROVED
OFFICE OF PLANNING AND ZONING
DATE

DATE
BY
APPROVED
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
DATE

1132



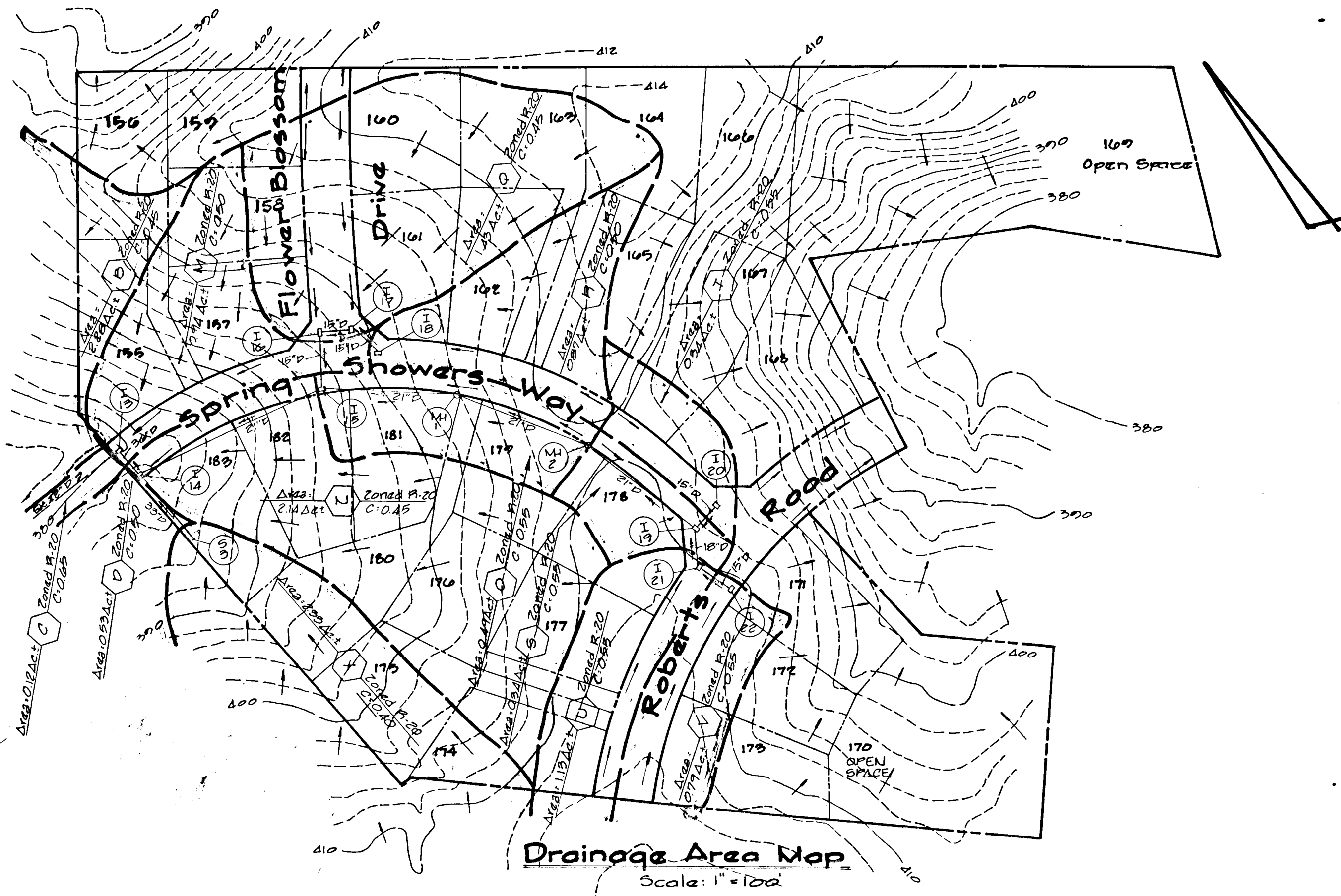
DATE: _____
 BY: _____
 CHECKED: _____
 RT. OF WAY CHECKED: _____
 NO. _____

APPROVED
 DEPARTMENT OF PUBLIC WORKS
[Signature] 3/16/88
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED
 DEPARTMENT OF PUBLIC WORKS
[Signature] 3/25/88
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED
 DEPARTMENT OF PUBLIC WORKS
[Signature] 3/25/88
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED
 OFFICE OF PLANNING AND ZONING
[Signature] 3/28/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



STRUCTURE SCHEDULE						
STRUC.	TYPE	INV. IN.	INV. OUT.	TOP ELEV.	ROAD STATION	REMARKS
I-13	A-5 W/DEFLECTORS	375.85	375.35	383.48	STA. 2+15.10	SPRING SHOWERS WAY S.D. 4.01 & 4.83
I-14	'S' COMB. INLET (DEP)	378.15	376.95	383.48	STA. 2+15.10	SPRING SHOWERS WAY S.D. 4.32
I-15	A-5 W/DEFLECTORS	389.50	388.75	395.92	STA. 4+42.00	SPRING SHOWERS WAY S.D. 4.01 & 4.83
I-16	A-5 W/DEFLECTORS	392.33	392.08	399.11	STA. 0+45.50	FLOWER BLOSSOM DR. S.D. 4.01 & 4.83
I-17	A-10 W/DEFLECTORS	394.56	394.31	399.11	STA. 0+45.50	FLOWER BLOSSOM DR. S.D. 4.02 & 4.83
I-18	A-5 W/DEFLECTORS	395.40	395.40	399.65	STA. 5+00.32	SPRING SHOWERS WAY S.D. 4.01 & 4.83
I-19	A-5 W/DEFLECTORS	400.98	400.48	406.55	STA. 8+77.82	SPRING SHOWERS WAY S.D. 4.01 & 4.83
I-20	A-5 W/DEFLECTORS	402.58	406.55	406.55	STA. 8+77.82	SPRING SHOWERS WAY S.D. 4.01 & 4.83
I-21	A-10 W/DEFLECTORS	401.45	401.20	406.86	STA. 11+43.30	ROBERTS ROAD S.D. 4.02 & 4.83
I-22	A-5 W/DEFLECTORS	401.89	401.89	406.86	STA. 11+43.30	ROBERTS ROAD S.D. 4.01 & 4.83
MH 1	STANDARD MANHOLE	397.65	397.40	405.04	STA. 5+86.20	SPRING SHOWERS WAY G. 5.01
MH 2	STANDARD MANHOLE	399.15	398.95	409.27	STA. 7+35.05	SPRING SHOWERS WAY G. 5.01
S-3	STD. METAL END. SECT.	383.28	383.01	385.76		S.D. 5.61

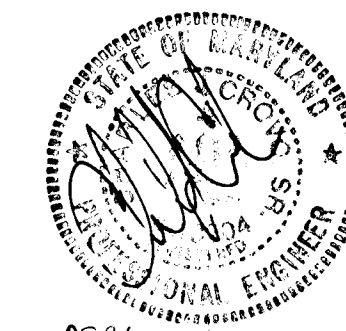
NOTE: For Storm Drain Profile 9-9 To I-14, See Trapezoidal Channel Profile, Sheet 2.

AUTUMN MANOR
 SECTION 2
 LOTS 155-183
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 DRAINAGE AREA
 MAP & STORM DRAIN
 PROFILES

OWNER AND DEVELOPER
 TAYLOR LAND SERVICE CO., INC.
 C/O HOWARD COUNTY LAND SERVICES
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

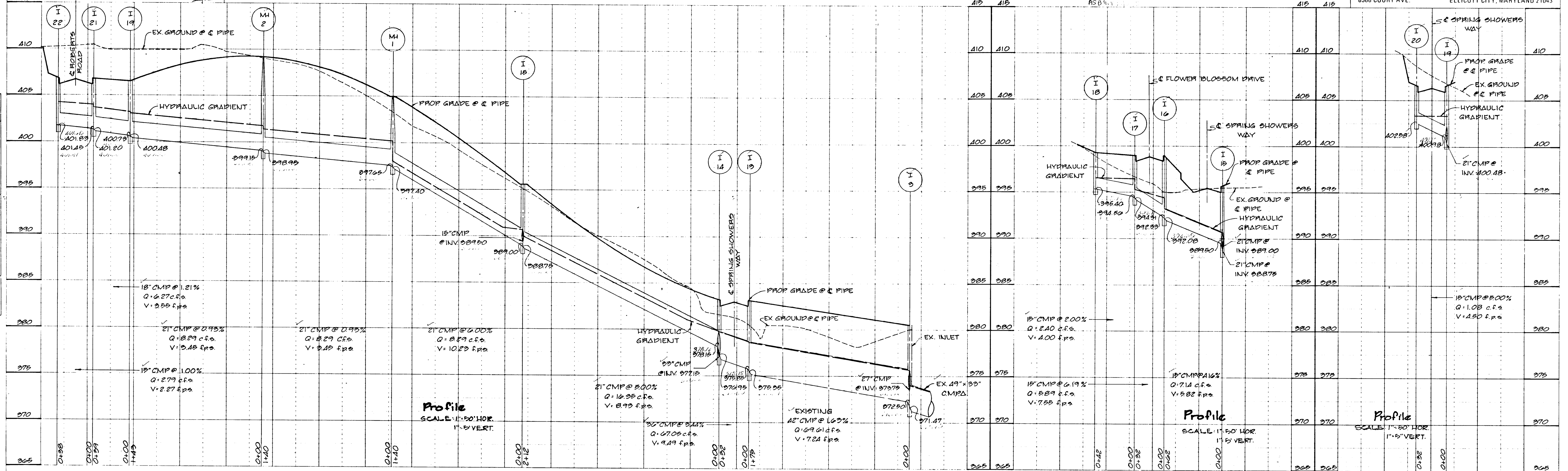
SCALE AS SHOWN DATE NOV. 20, 1987 DWG. NO. 4 OF 5
 DES. D. VANDE RYT DRN. C. BAUER CHK. C. J. CROVO SR.

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

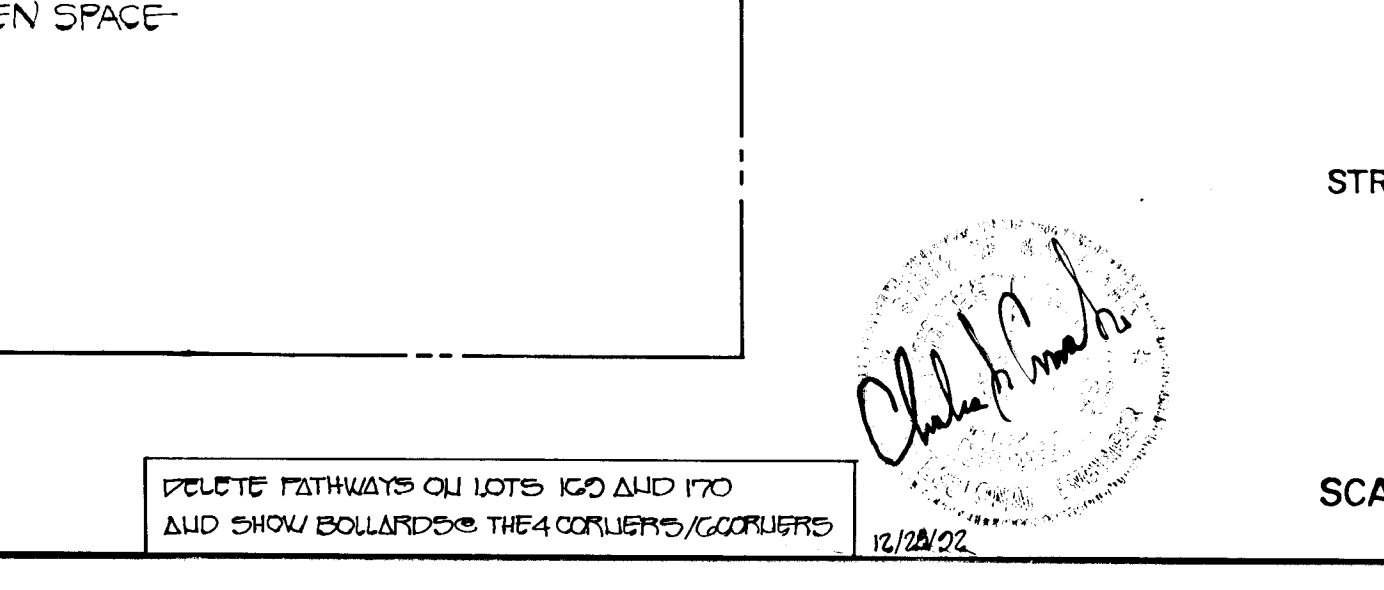
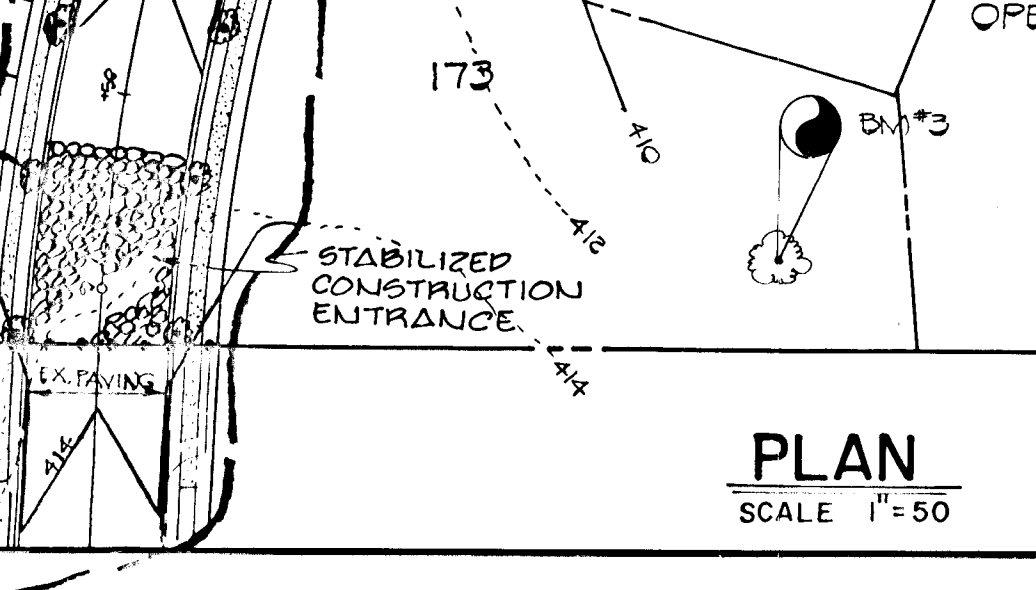
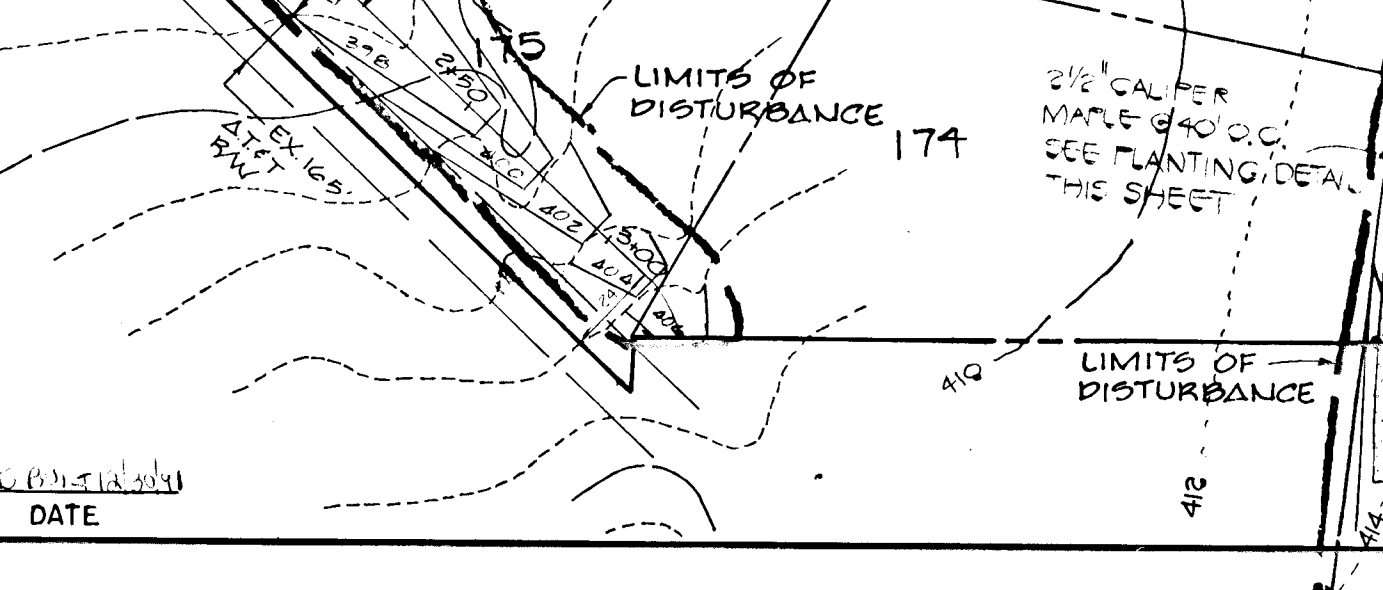
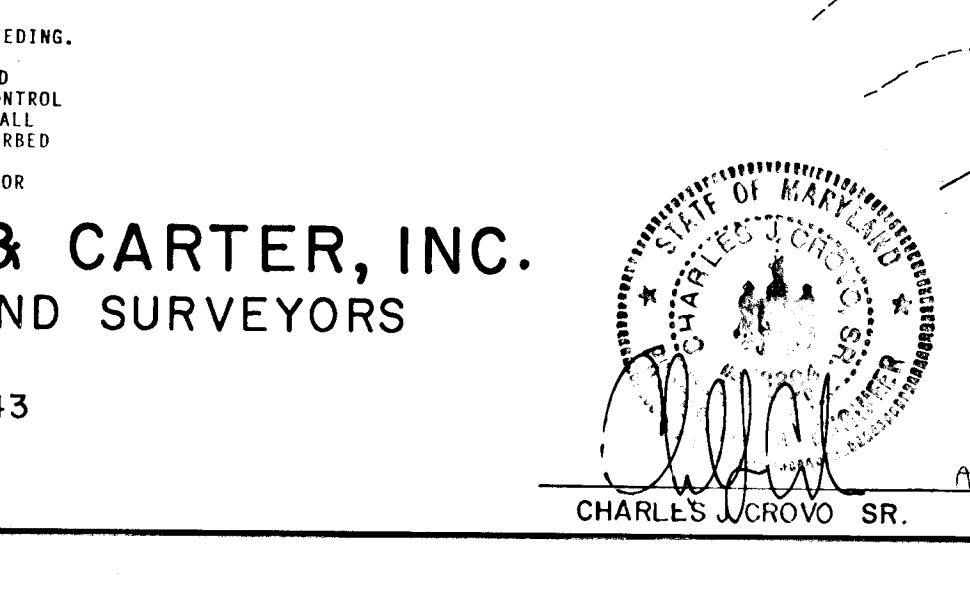
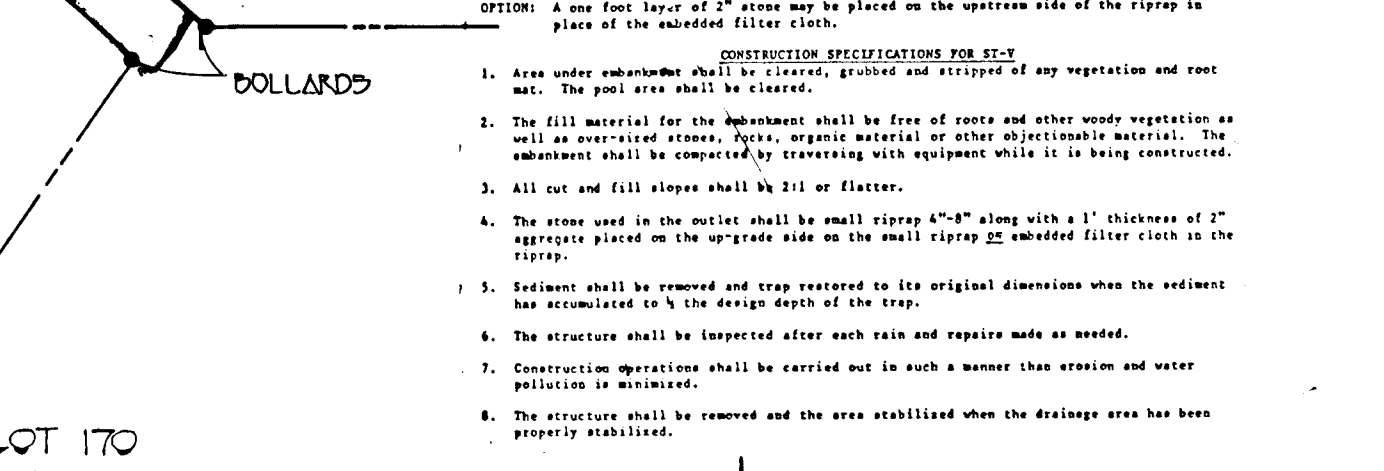
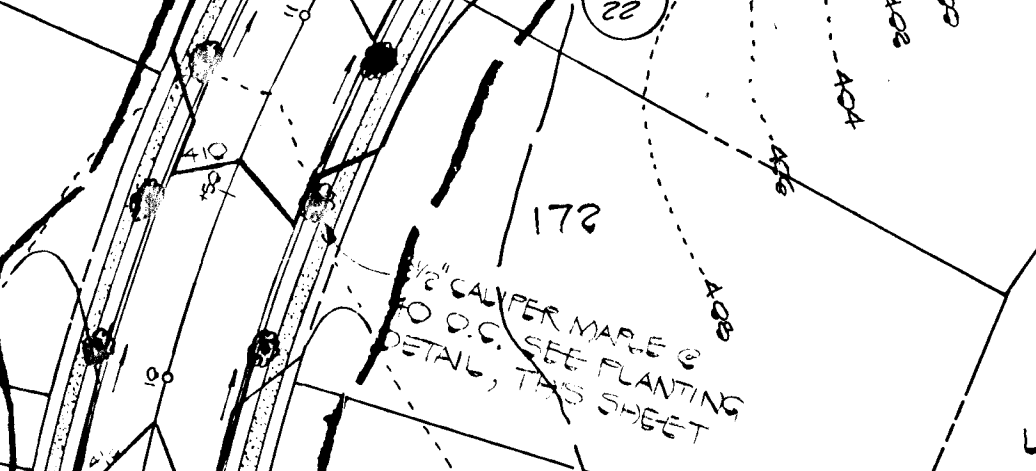
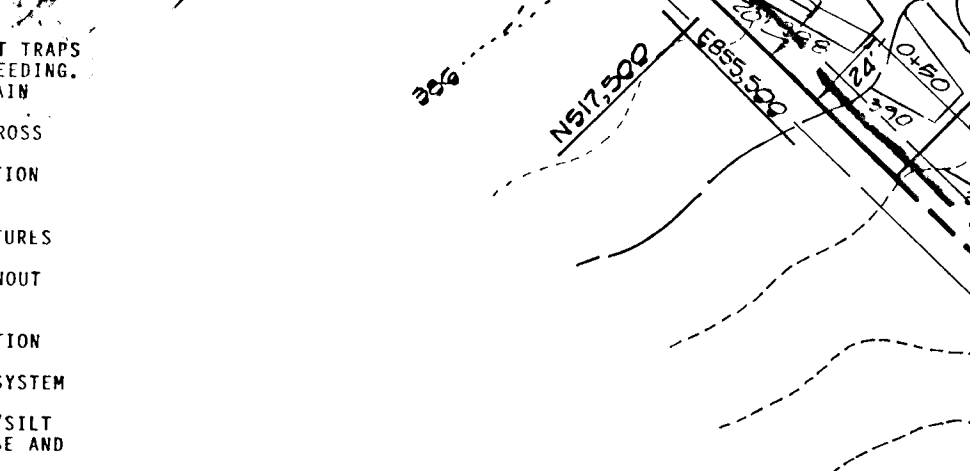
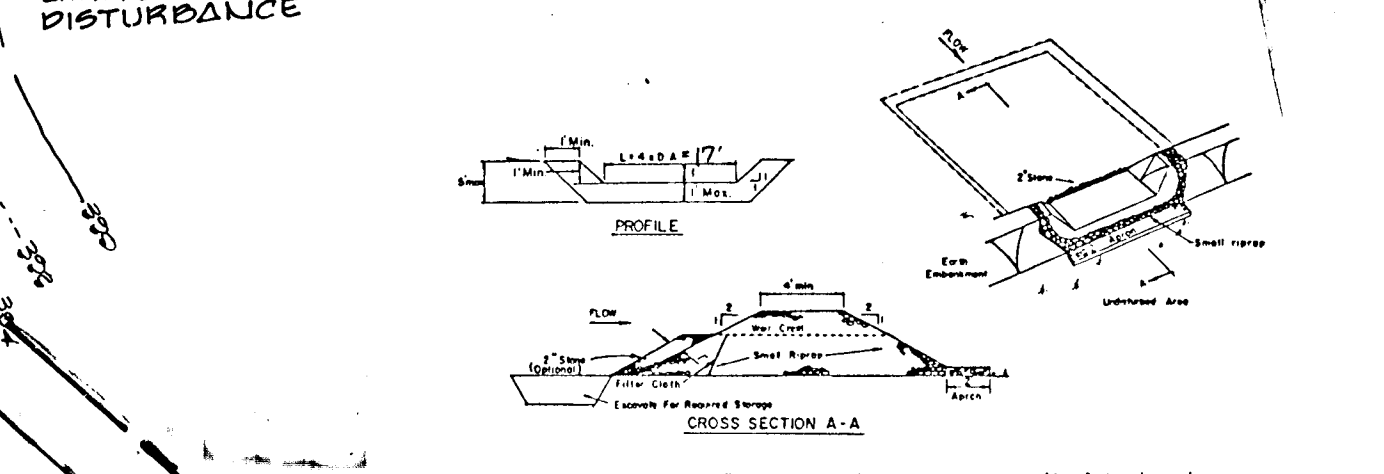
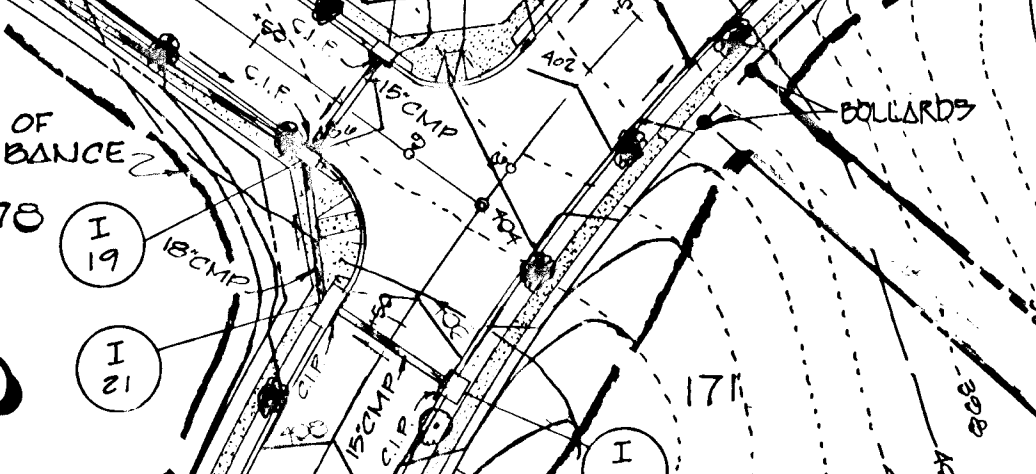
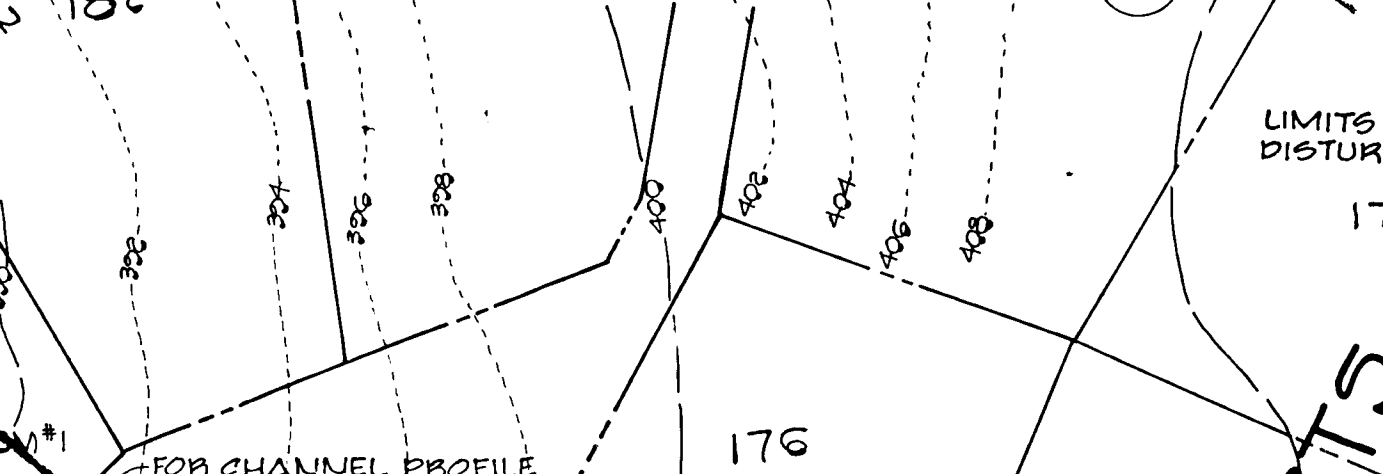
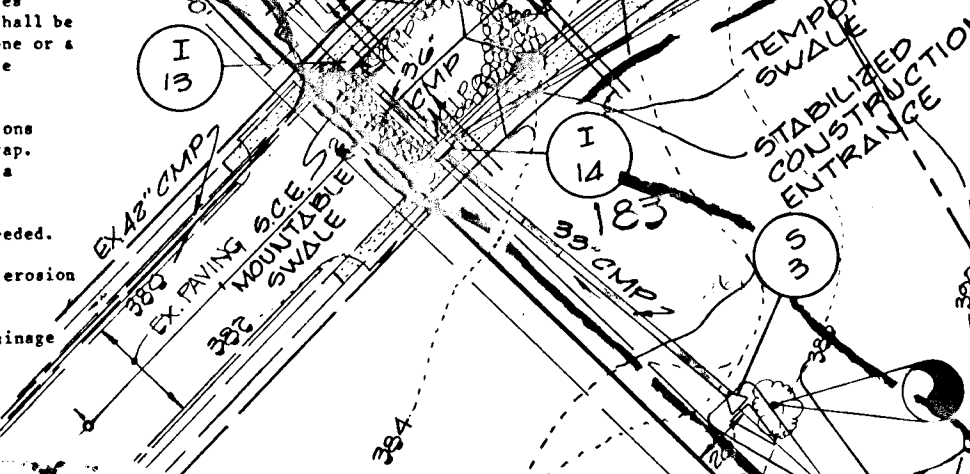
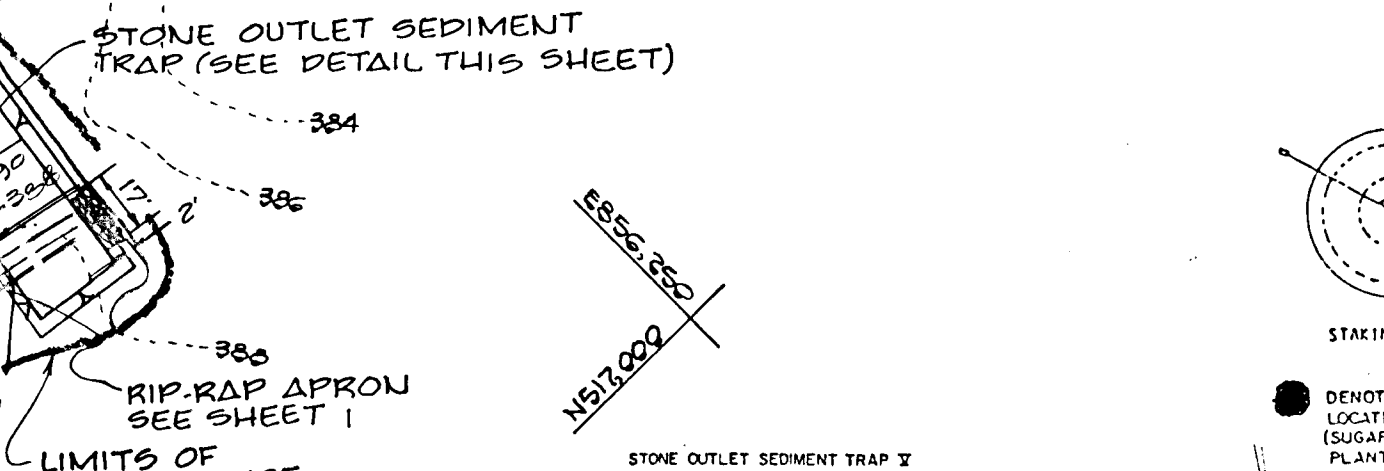
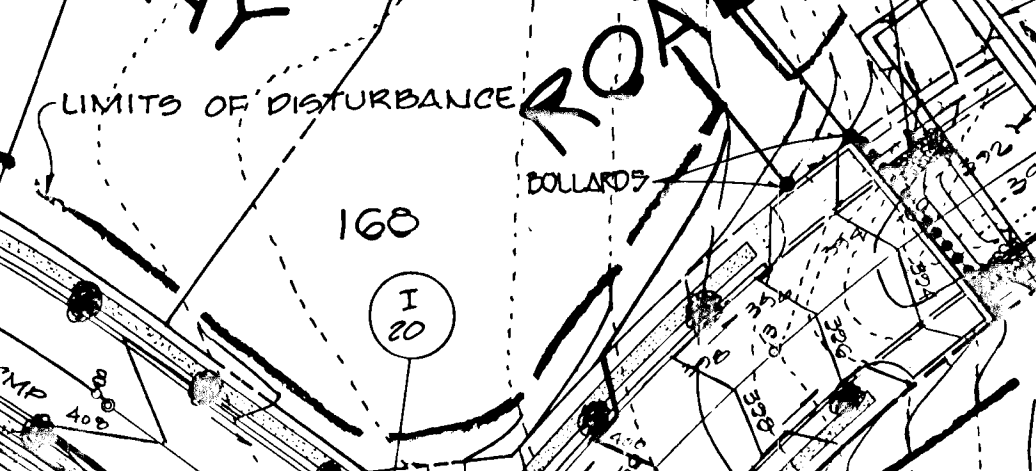
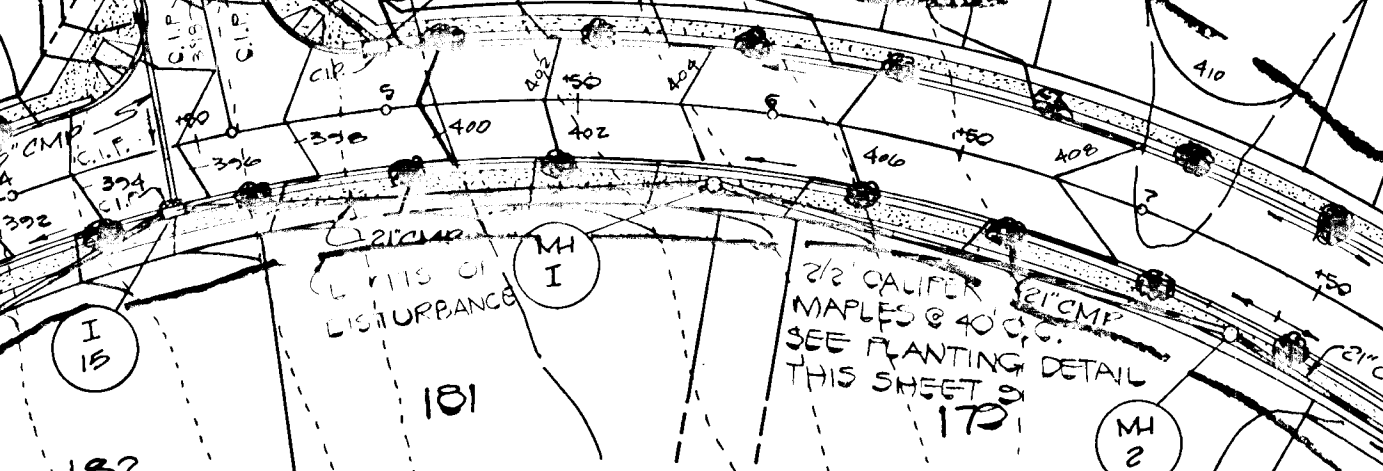
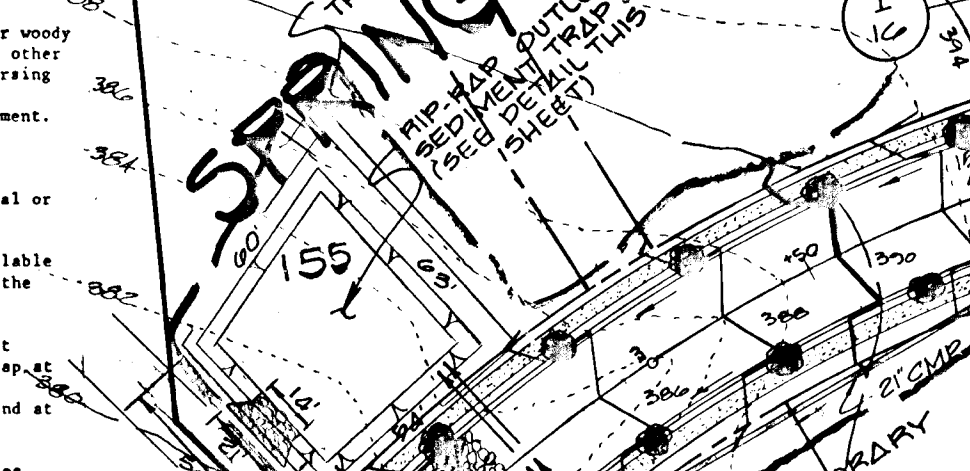
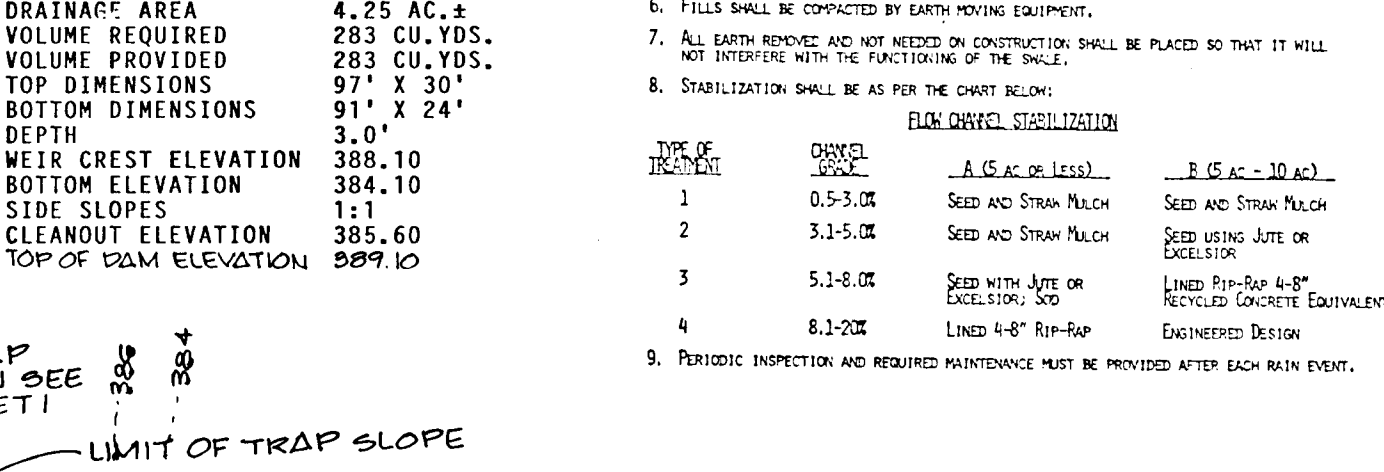
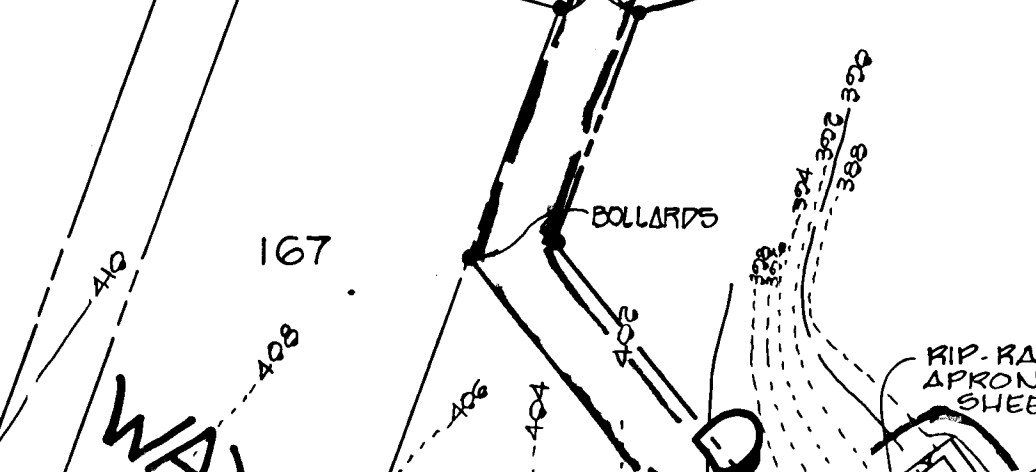
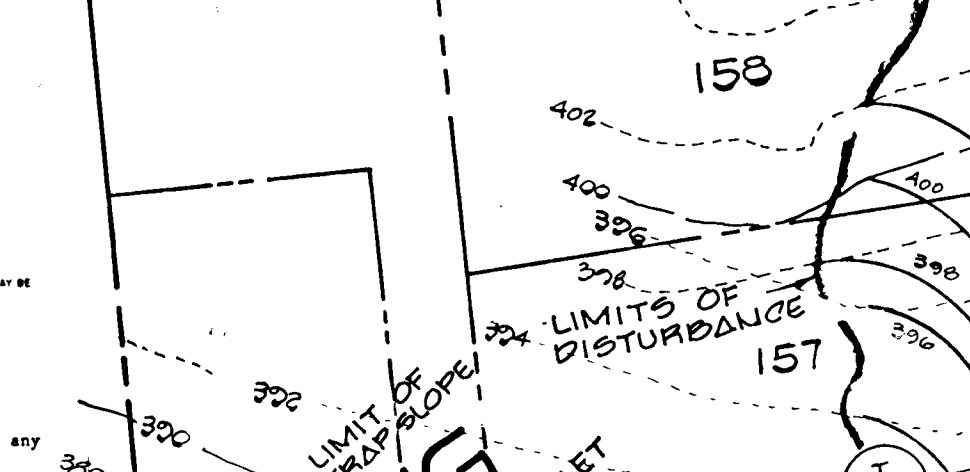
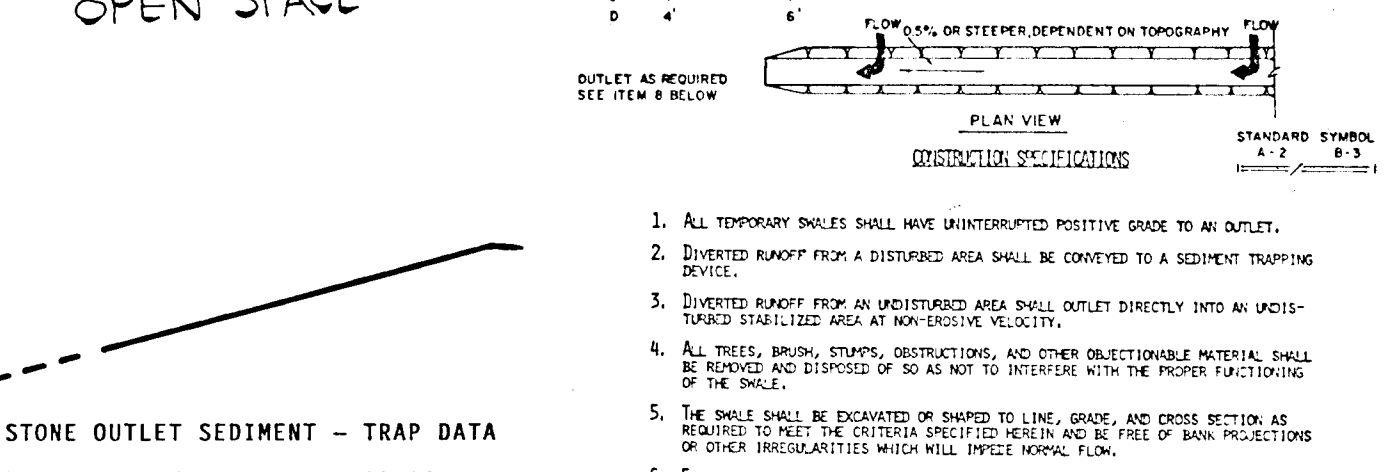
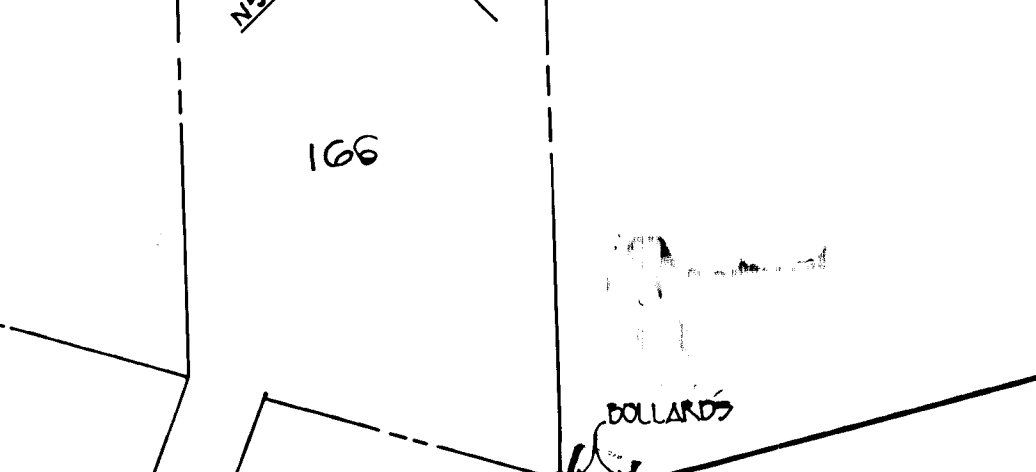
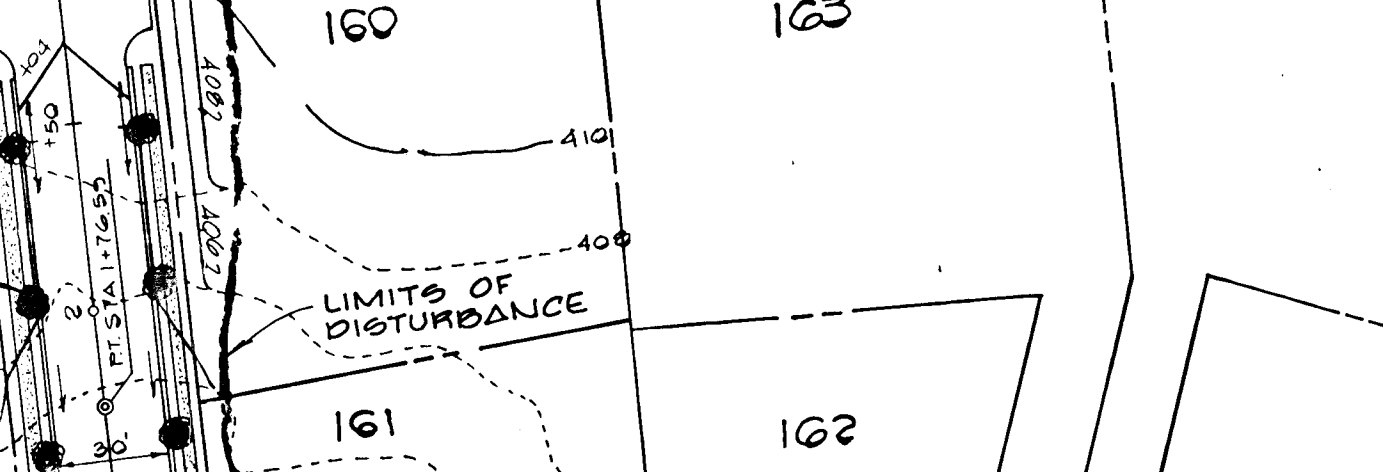
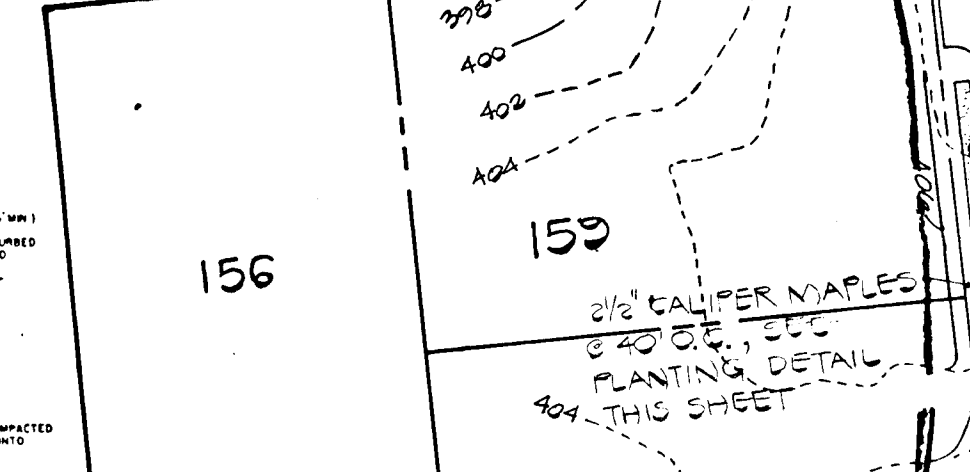
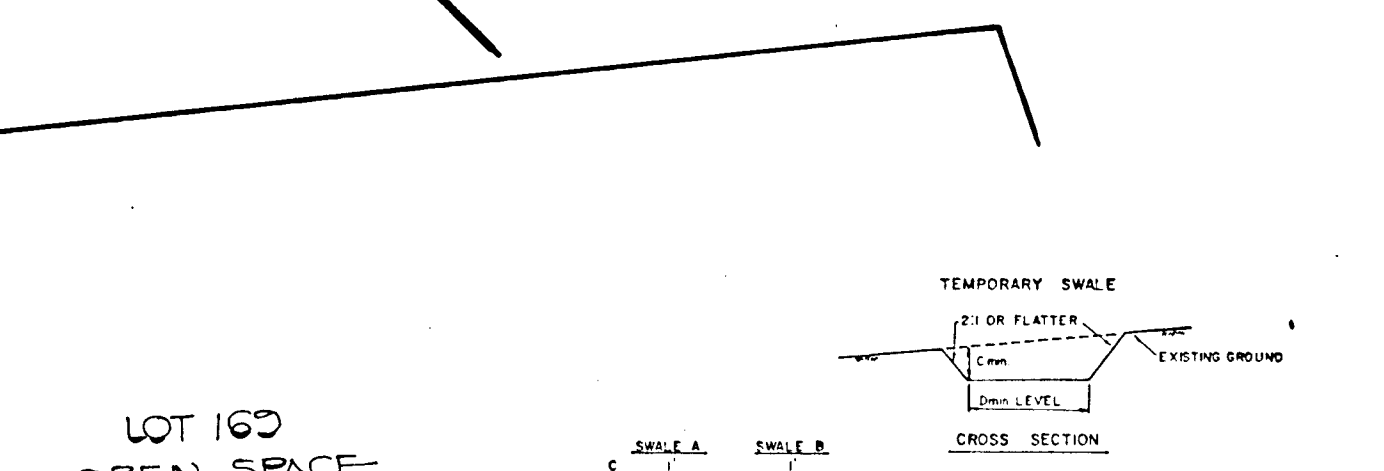
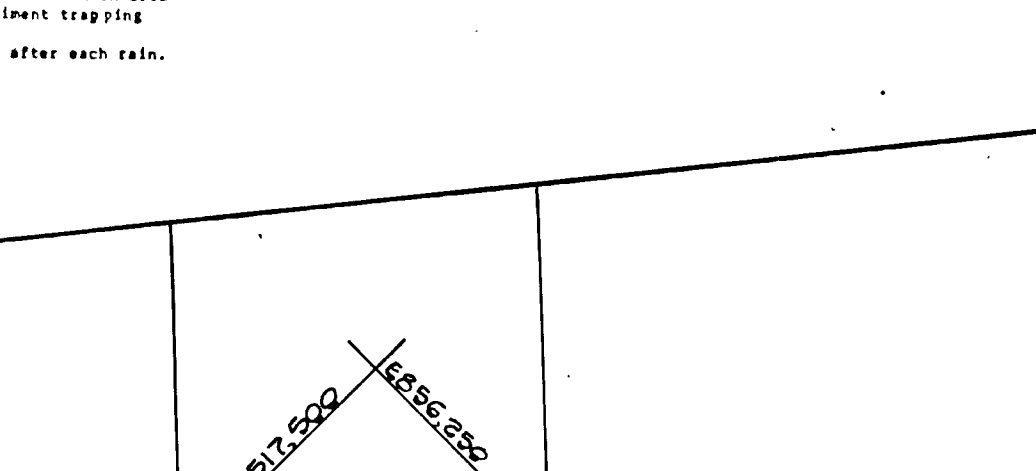
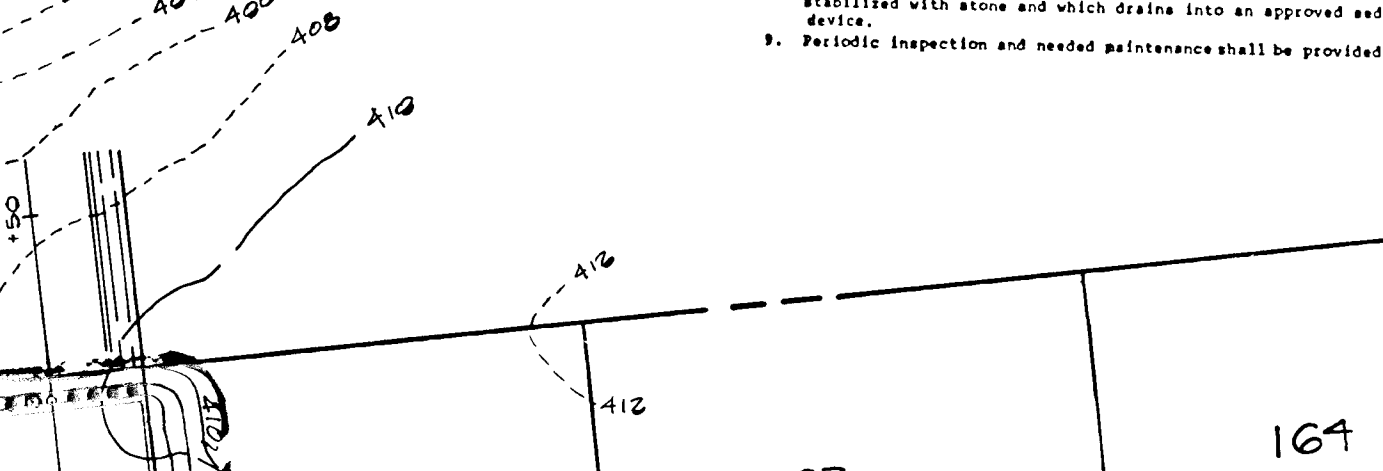
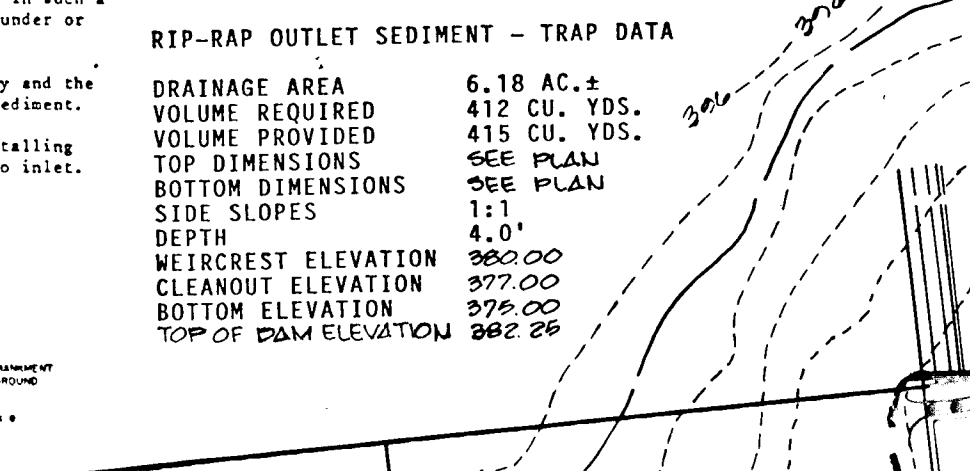
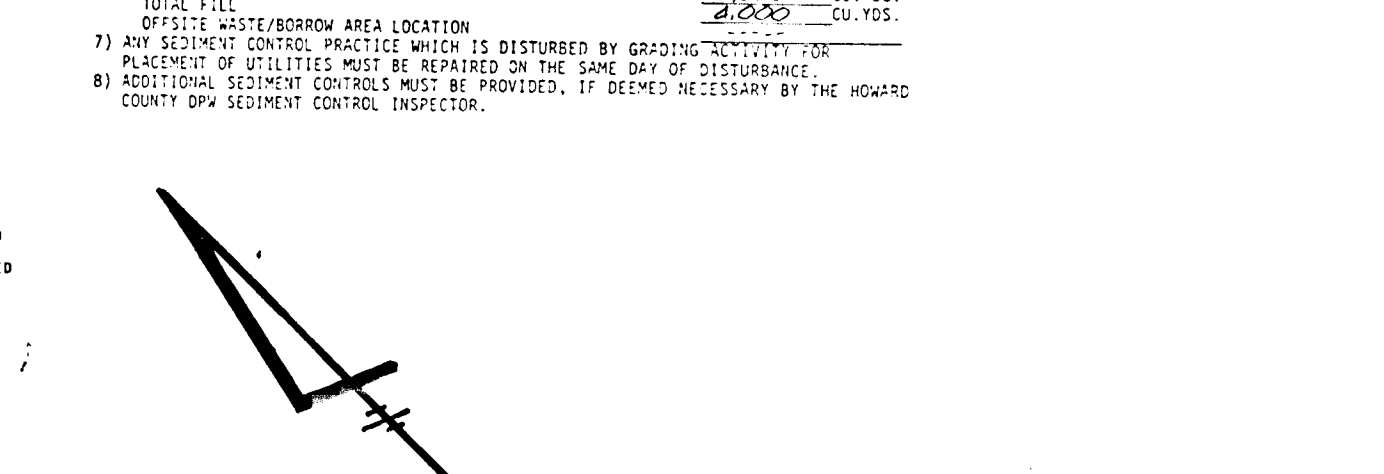
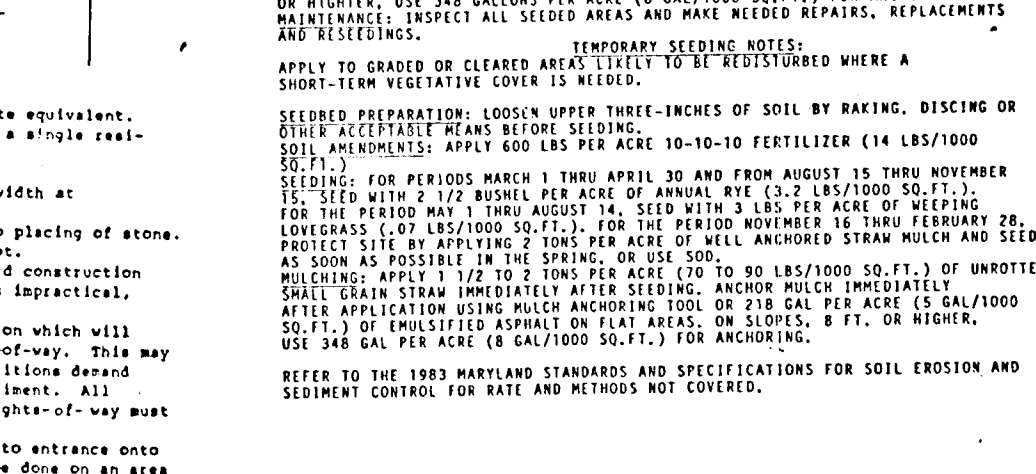
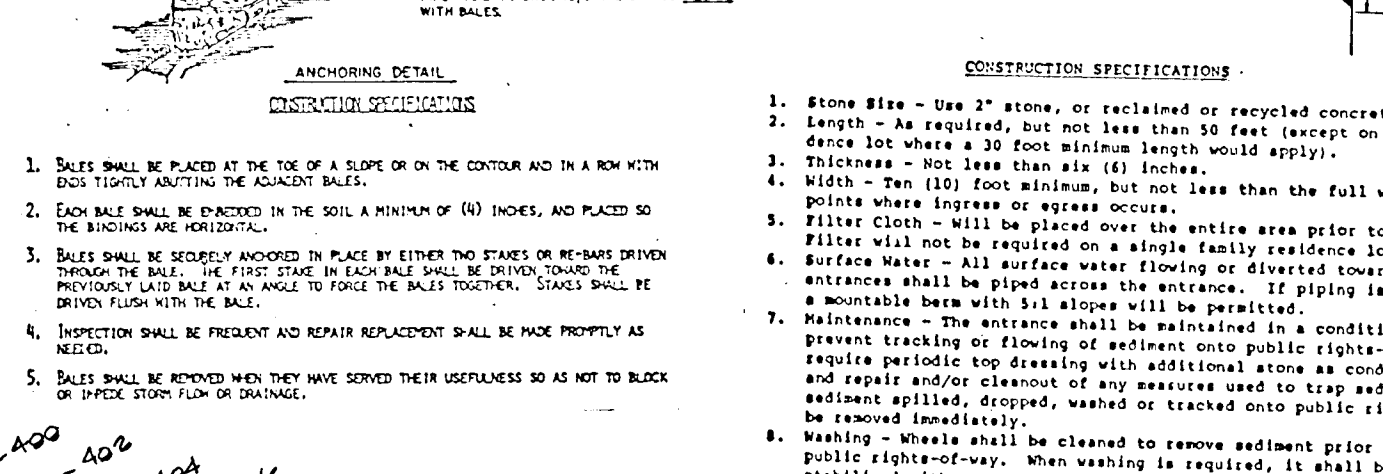
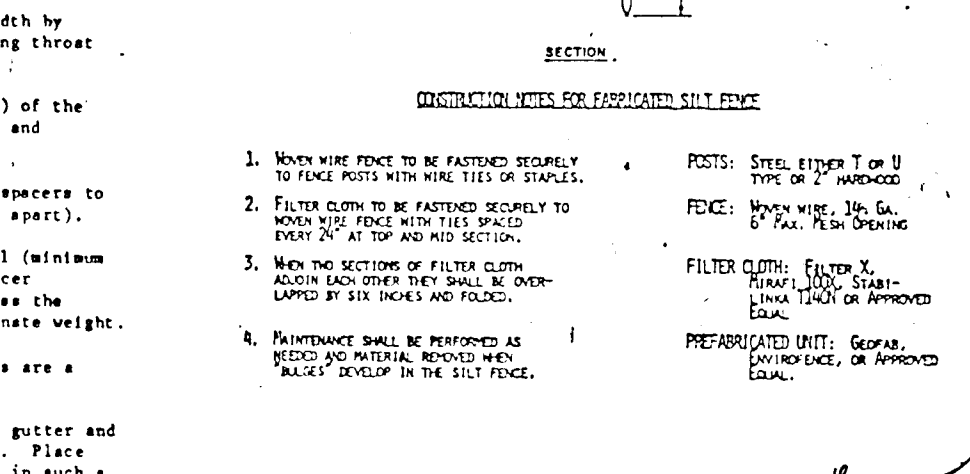
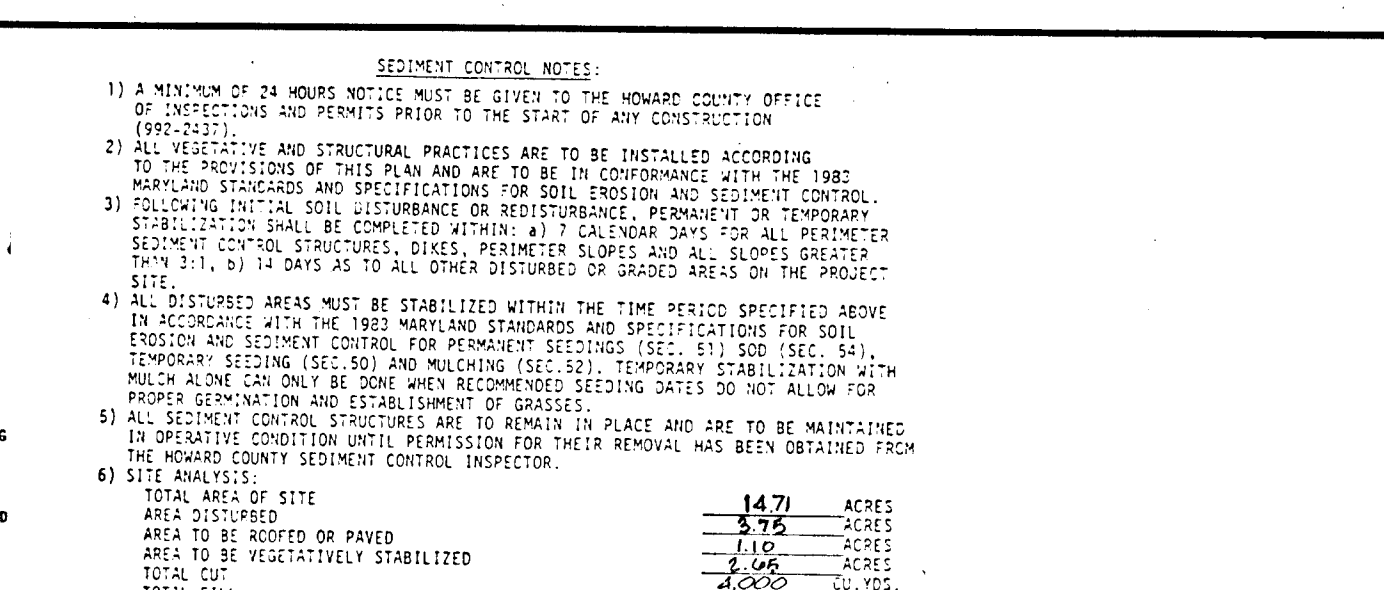
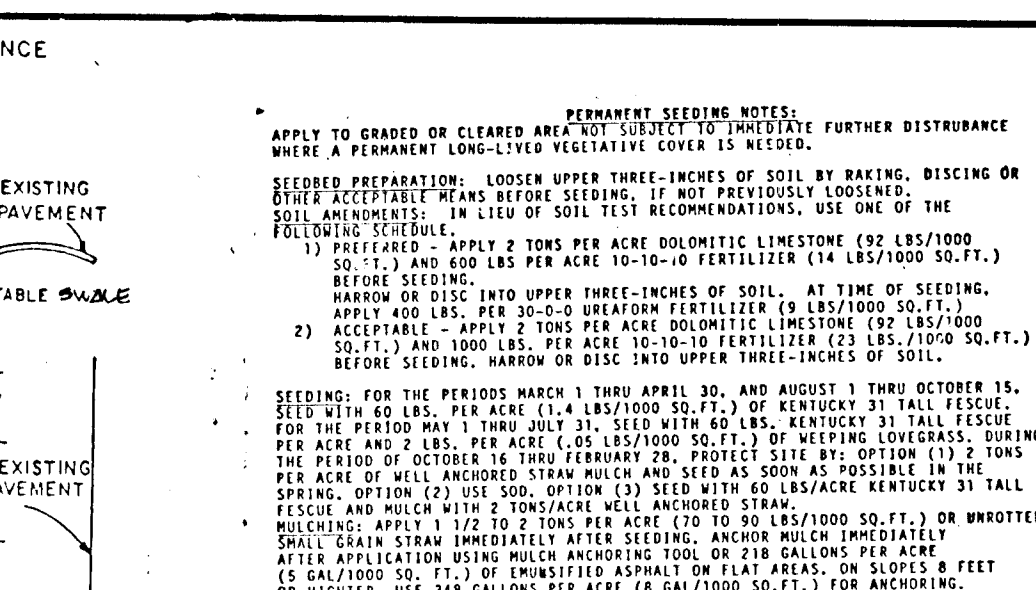
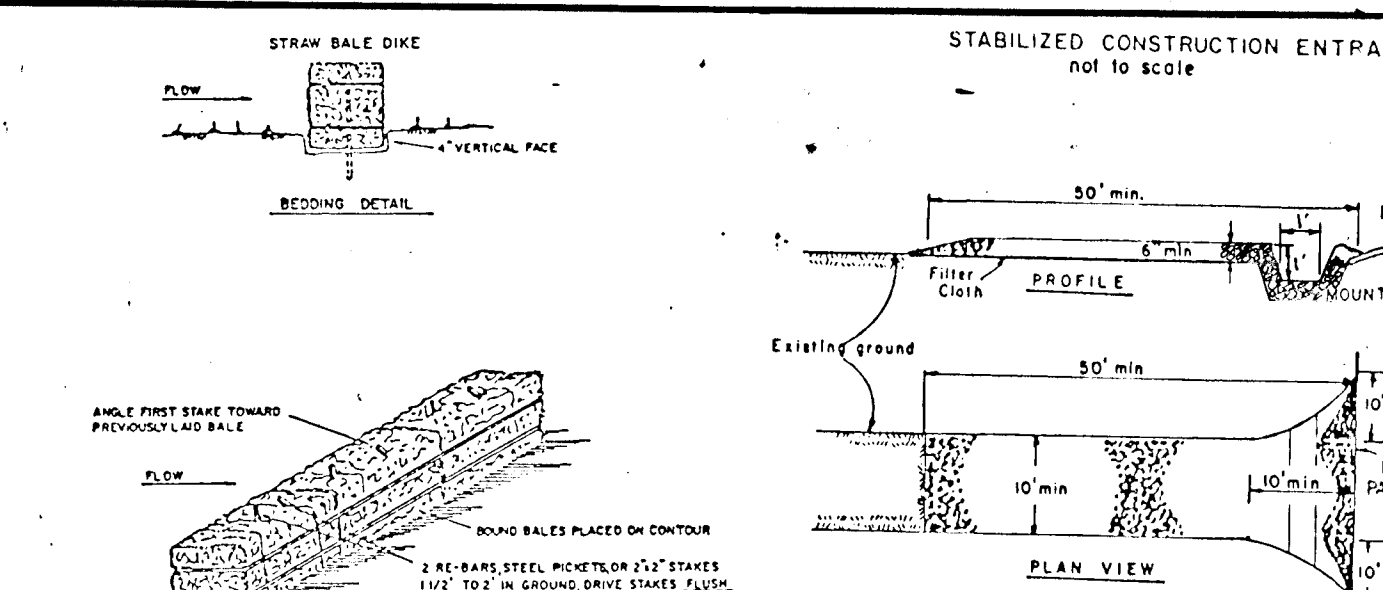
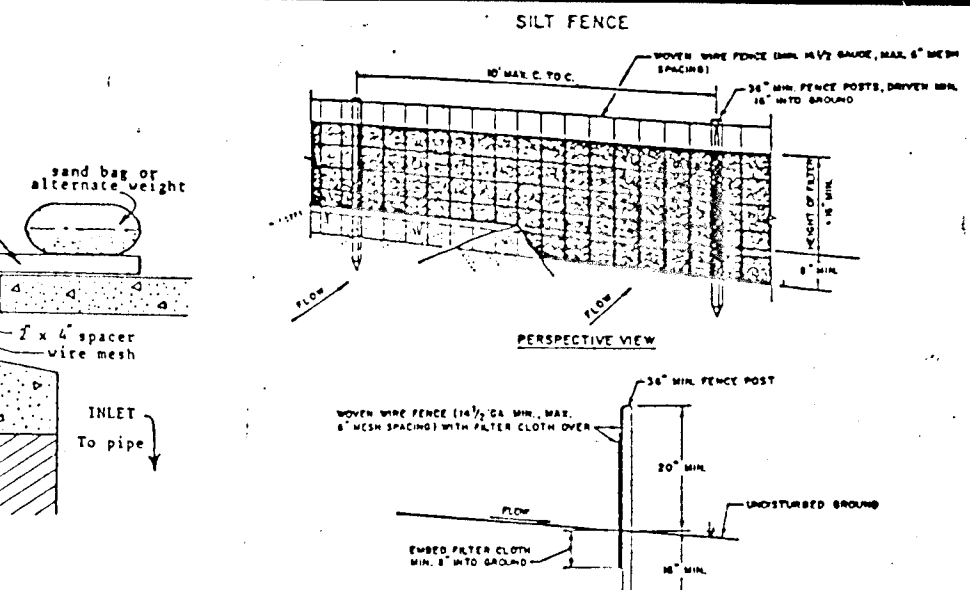
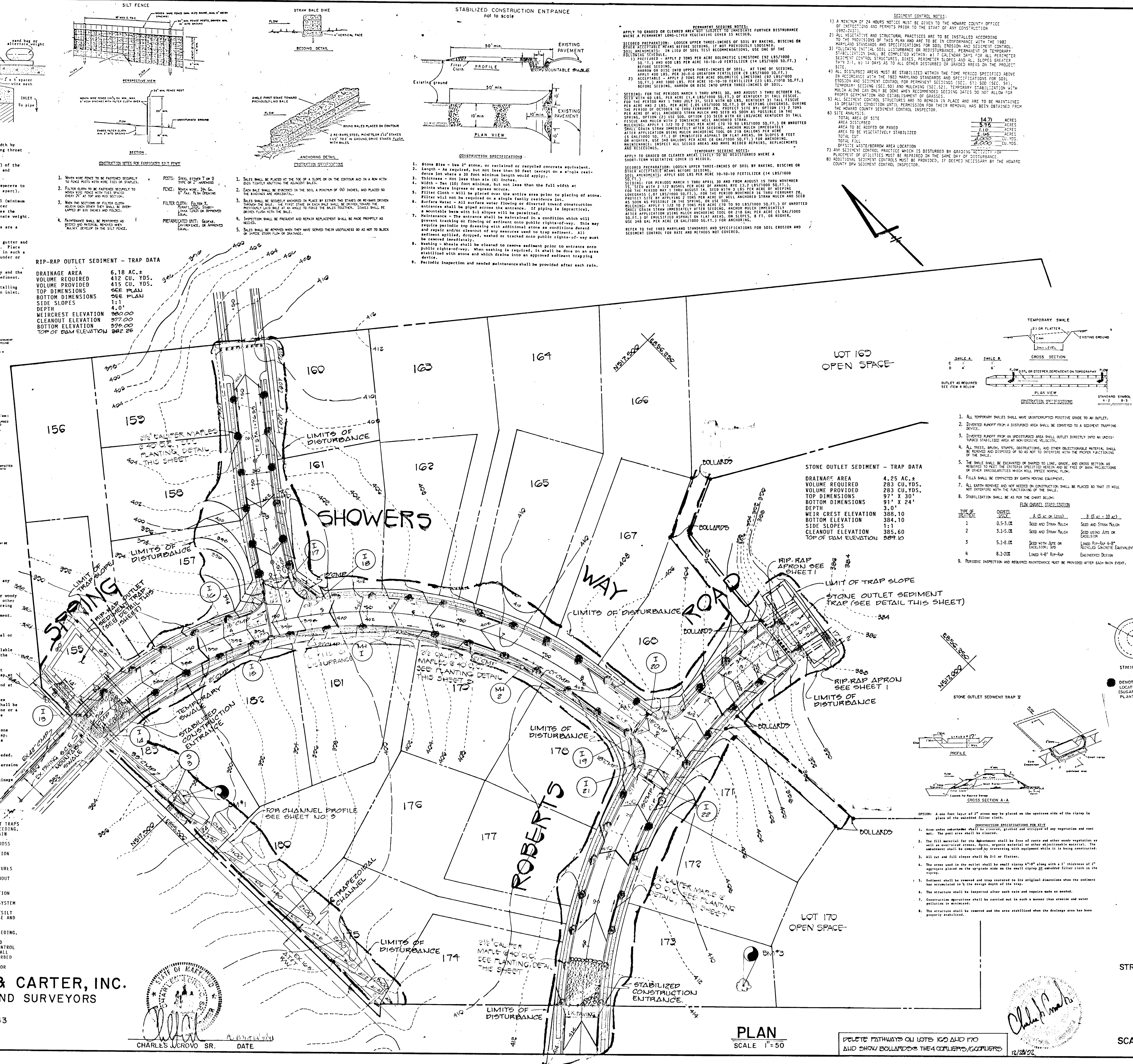


[Signature] 12/15/87
 CHARLES J. CROVO, SR. DATE

DATE: _____
 BY: _____
 CHECKED: _____
 STRUCTURE NOTATIONS CHECKED: _____
 NO. _____



132



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: *Charles J. Crovo*
 DATE: 12/18/82

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: *James M. Helm*
 DATE: 12/18/82

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

Signature: *James M. Helm*
 DATE: 3-14-88
 U.S. SOIL CONSERVATION DISTRICT

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

Signature: *Stephen L. Hahn*
 DATE: 3/14/88
 DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS

Signature: *Melissa H. H.*
 DATE: 3/15/88
 CHIEF, BUREAU OF ENGINEERING

APPROVED OFFICE OF PLANNING AND ZONING

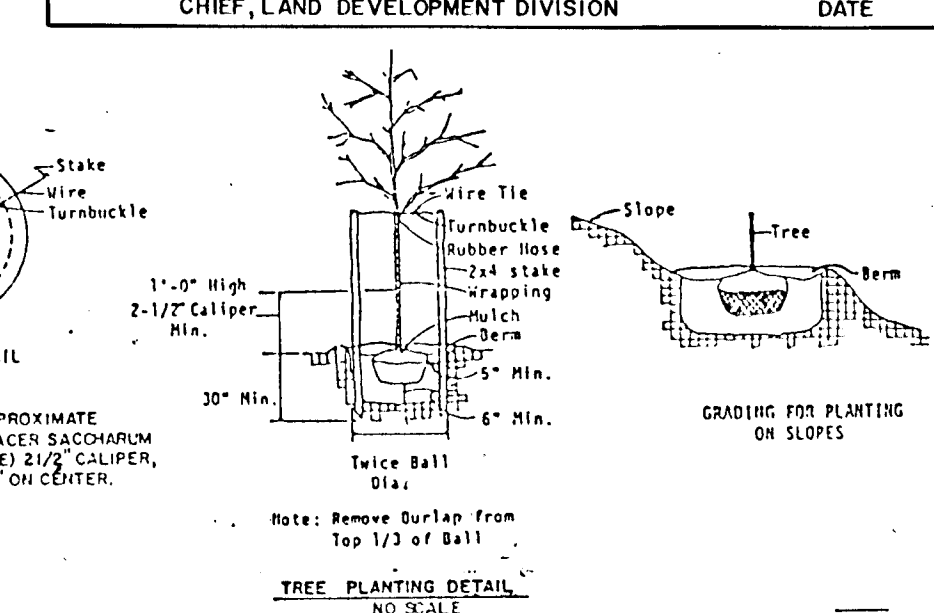
Signature: *Joseph L. Hahn*
 DATE: 3/25/88
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED DEPARTMENT OF PUBLIC WORKS

Signature: *James W. Helms*
 DATE: 3/25/88
 CHIEF, BUREAU OF HIGHWAYS

APPROVED DEPARTMENT OF PUBLIC WORKS

Signature: *Melissa H. H.*
 DATE: 3-16-88
 CHIEF, LAND DEVELOPMENT DIVISION



NOTE: CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING. FINAL LOCATIONS OF TREES MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE FIELD CONDITIONS. PLANTING PROCEDURES SHALL COMPLY WITH LANDSCAPE SPECIFICATIONS FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS. SUBSTITUTIONS TO THE ABOVE SPECIES MAY BE PERMITTED, PROVIDED THAT THE PLANTING IS IN ACCORDANCE WITH THE STREET TREE AND LANDSCAPE REQUIREMENTS AS SPECIFIED IN SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS.

OWNER AND DEVELOPER

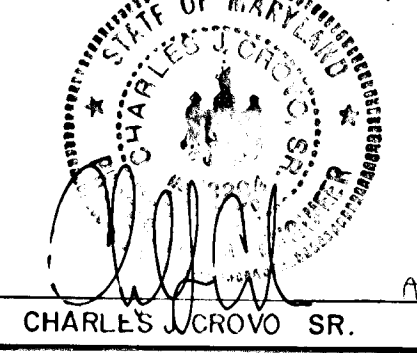
TAYLOR LAND SERVICE CO., INC.
 C/O HOWARD COUNTY LAND SERVICES
 8307 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043

STREET TREE, GRADING, AND SEDIMENT CONTROL PLAN

AUTUMN MANOR

SECTION 2
 LOTS 155-183
 2 ND. ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN SHEET 5 OF 5 NOVEMBER 20, 1987

FISHER, COLLINS, & CARTER, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043
 (301) 461-2855



PLAN
 SCALE 1"=50'

EXCLUDED PATHWAYS ON LOTS 160 AND 170 AND SHOW BOLLARDS ON THESE CORNERS/CORNERS