

GENERAL NOTES

- 1.) ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS, AND DETAILS FOR CONSTRUCTION.
- 2.) ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
- 3.) ALL INLETS SHALL BE HOWARD COUNTY STANDARDS UNLESS OTHERWISE SHOWN. ALL "A" INLETS SHALL BE DEPRESSED.
- 4.) STORM DRAIN TRENCHES WITHIN ROAD RIGHTS-OF-WAYS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
- 5.) ANY DAMAGE TO PUBLIC RIGHTS-OF-WAYS OR PAVING WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- 6.) CONTRACTOR TO NOTIFY THE HOWARD COUNTY DEPT OF INSPECTION AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS. TELEPHONE: 792-7272
- 7.) ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, REVISED CURRENT EDITION.

THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:

2743001 N 507273.713
 E 855766.413
 2743012 N 506861.373
 E 855036.160

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
DATE	

APPROVED
 DEPARTMENT OF PUBLIC WORKS

Charles J. Crovo, Sr.
 CHIEF, LAND DEVELOPMENT DIVISION 3/3/88 DATE

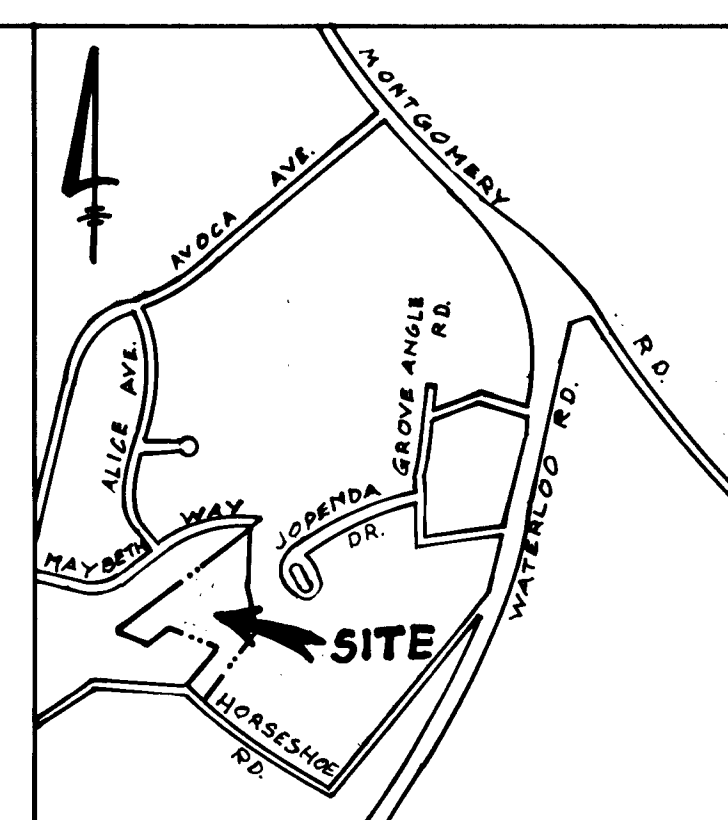
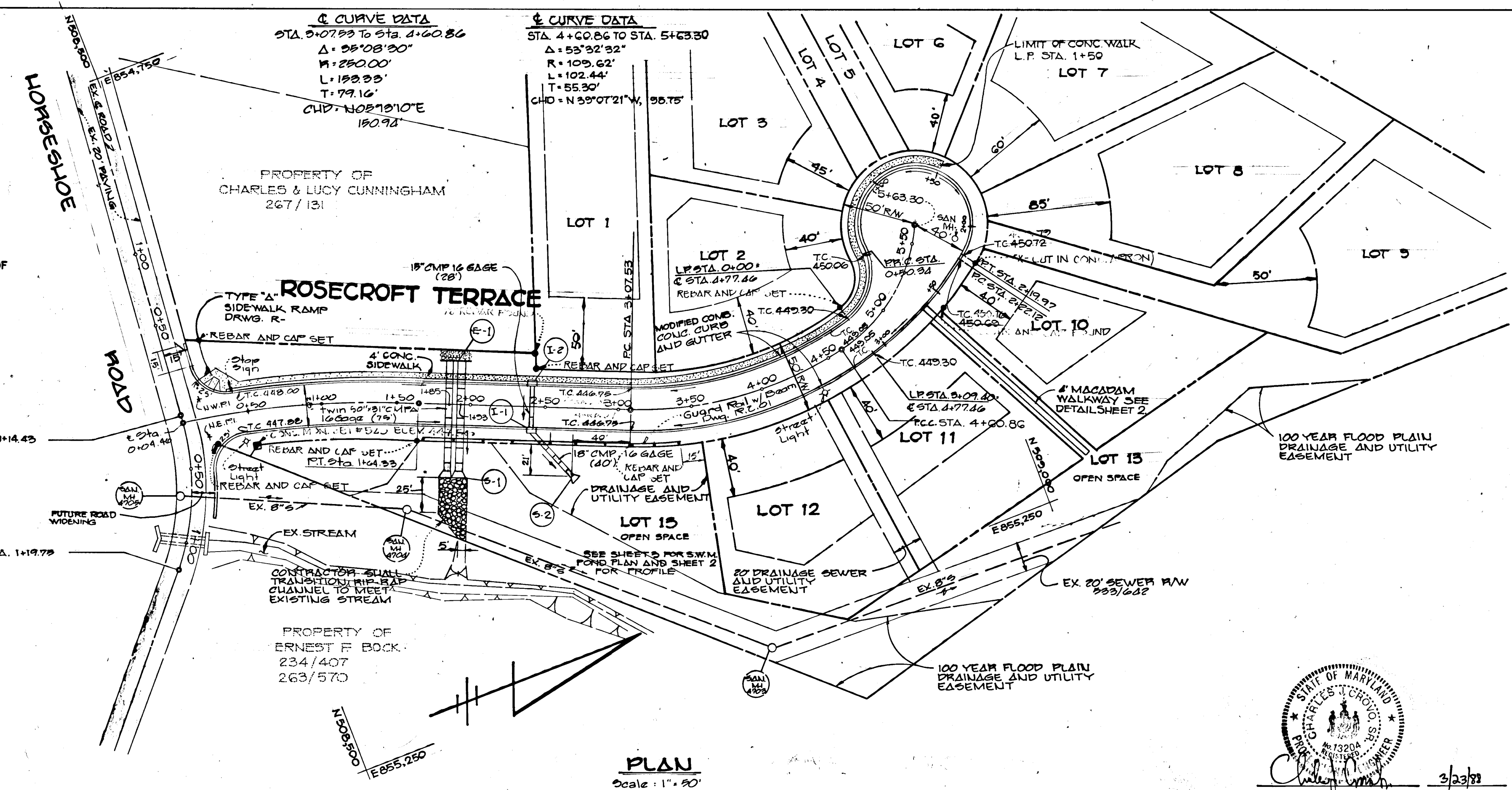
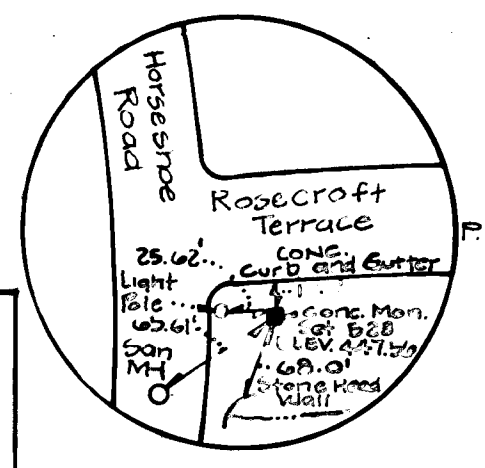
Charles J. Crovo, Sr.
 CHIEF, BUREAU OF HIGHWAYS 8/5/88 DATE

APPROVED
 DEPARTMENT OF PUBLIC WORKS

Michael E. Ray
 CHIEF, DIVISION OF PUBLIC WORKS 3-9-88 DATE

APPROVED
 OFFICE OF PLANNING AND ZONING

Frank J. J. [Signature]
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 3-17-88 DATE



BENCH MARKS

B.M. No. 1	ELEV. 503.15
HOWARD COUNTY CONTROL STATION	2743012
B.M. No. 2	ELEV. 501.27
HOWARD COUNTY CONTROL STATION	2743001

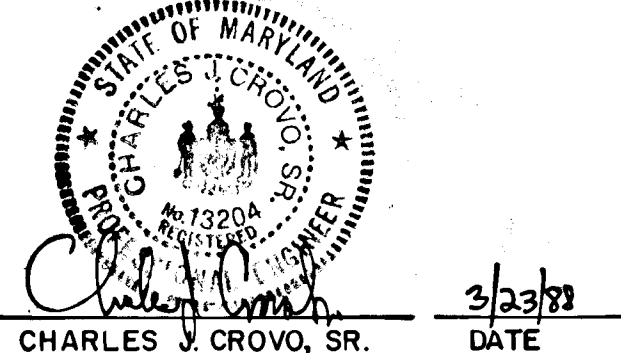
SADDLE RIDGE
 LOTS 1-13
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

**ROSECROFT TERRACE
 PLAN AND PROFILE**

OWNER AND DEVELOPER

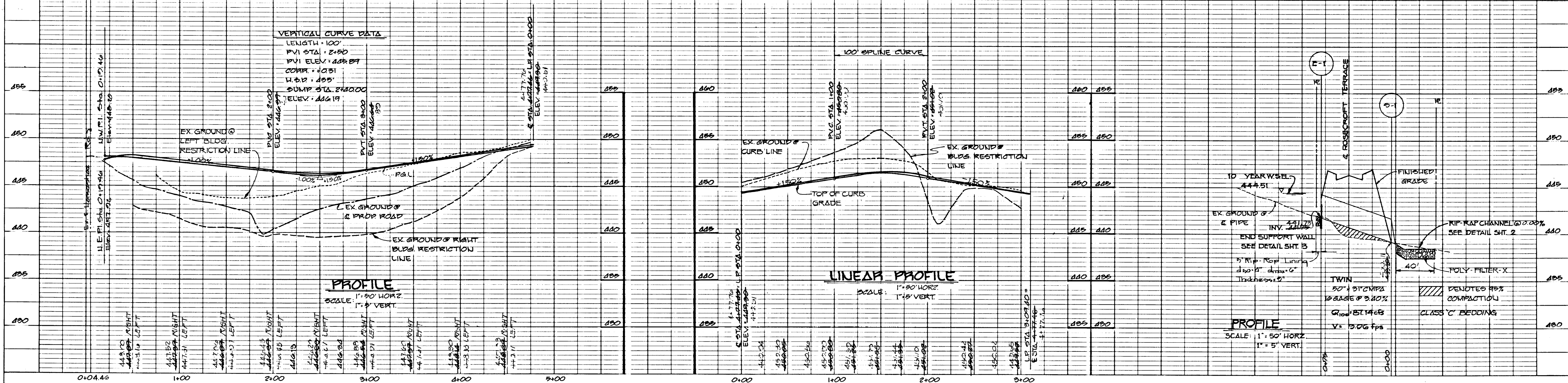
ALLIED CONSTRUCTION CORP. 5373 HESPERUS DRIVE COLUMBIA, MD. 21044	HOWARD COUNTY LAND SERVICES 8307 MAIN STREET ELLICOTT CITY, MD. 21043
SCALE AS SHOWN	DATE: MARCH 10, 1988
DES. M. VITUCCI	DRN. G. WEAVER
	CHK. C. CROVO, SR.

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



ROSECROFT TERRACE

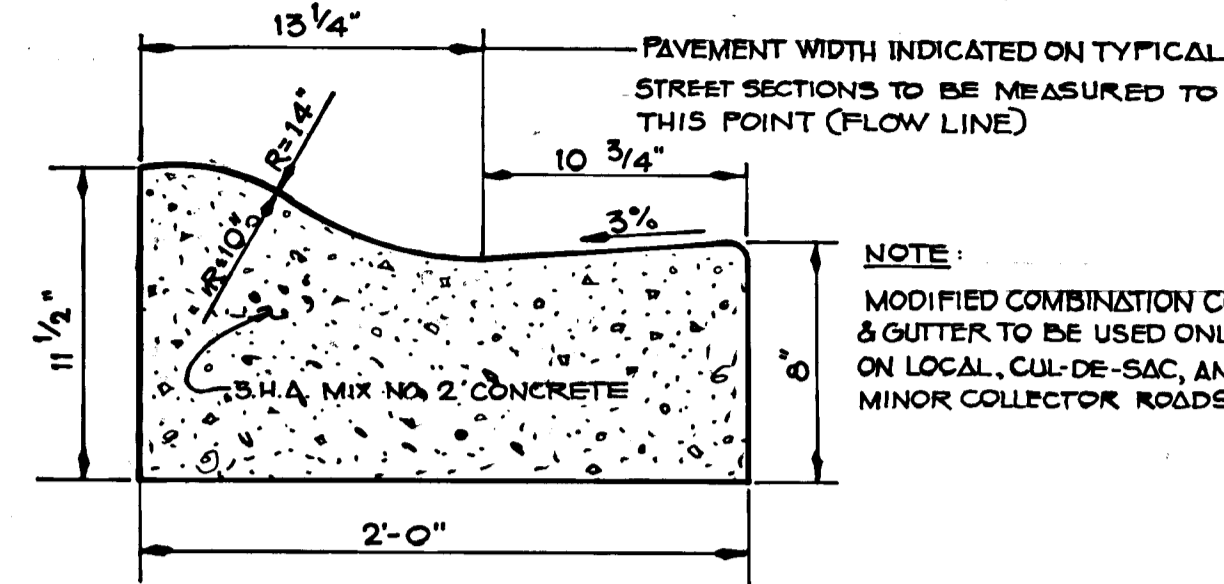
ROSECROFT TERRACE



AS-BUILT

DATE
BY
SURVEYED
PLOTTED
ALIGNED
CHECKED
NOTE BOOK
NO.

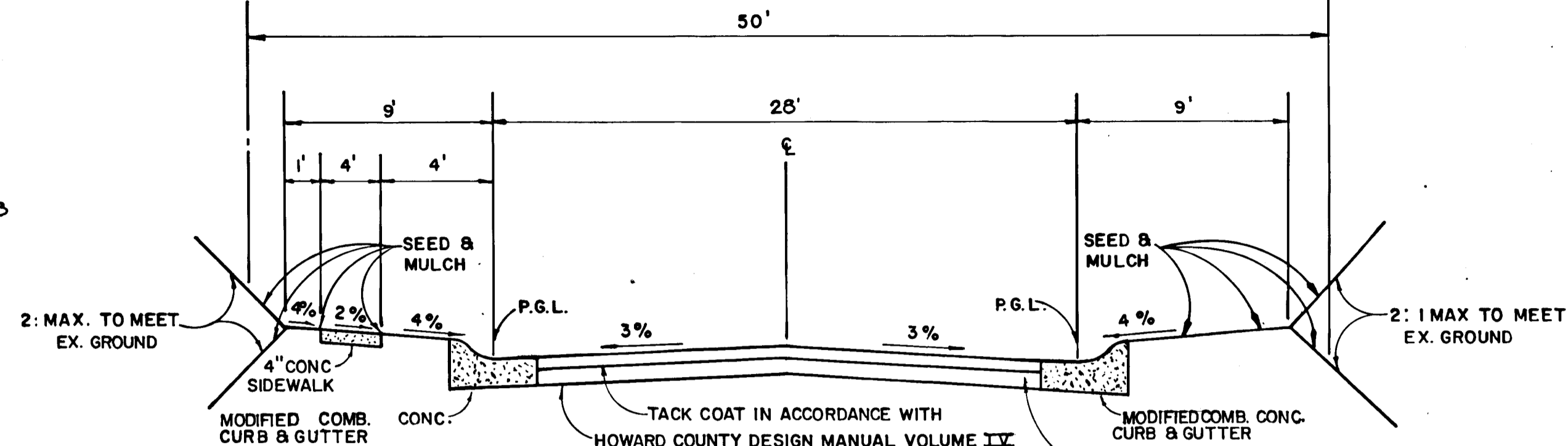
DATE
BY
SURVEYED
PLOTTED
ALIGNED
CHECKED
NOTE BOOK
NO.



MODIFIED COMB CONC. CURB & GUTTER
NO SCALE

NOTE:
MODIFIED COMBINATION CURB & GUTTER TO BE USED ONLY ON LOCAL, CUL-DE-SAC, AND MINOR COLLECTOR ROADS.

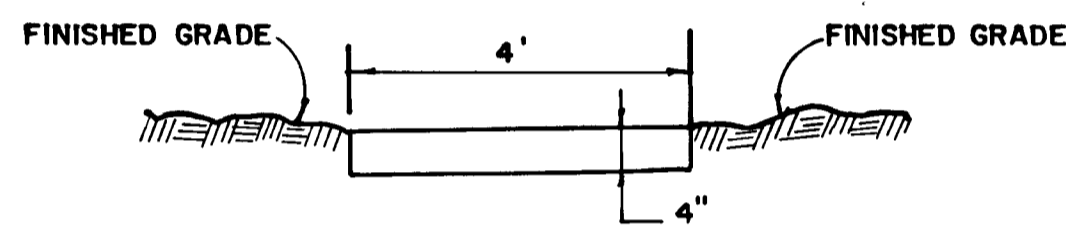
ROSECROFT TERRACE
CLASSIFICATION: CUL-DE-SAC, ZONED: R-20, DESIGN SPEED 25 MPH.
LIMITS: ± STA. 0+00 TO ± STA. 4+77.42



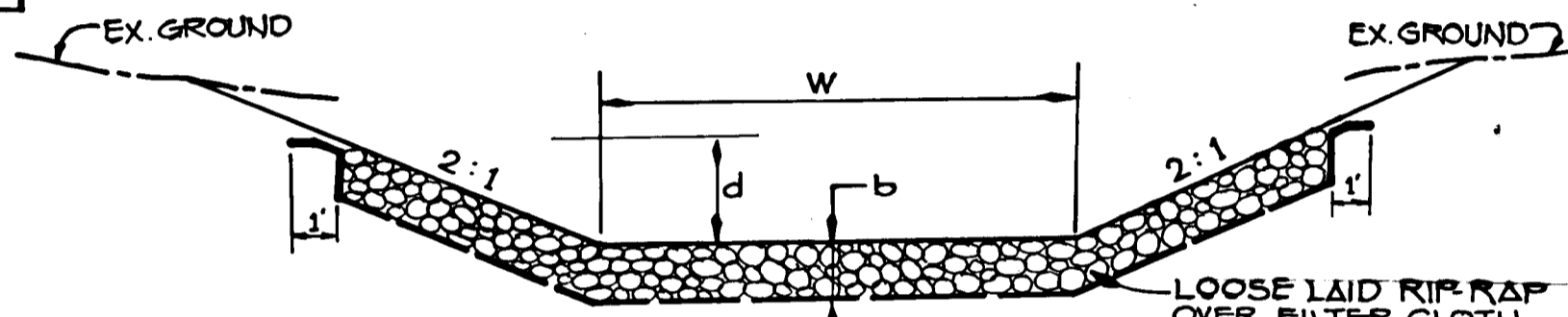
NOTE:
ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

TYPICAL ROADWAY SECTION
NO SCALE

STRUCTURE SCHEDULE						
STRUCTURE	TYPE	INVERT IN	INVERT OUT	TOP ELEV.	STATION	REMARKS
I-1	A-5 INLET	442.1200	441.0700	446.1933	2+40.00 RT.	DRWG. S.D. 401
I-2	A-5 INLET	---	443.0200	446.1932	2+40.00 LT.	DRWG. S.D. 401
S-1	METAL END SECTION	---	439.0011	441.7000	1+00.00 RT.	DRWG. S.D. 561
E-1	END WALL	441.7573	---	444.3331	1+80.00 LT.	DRWG. S.D. 561
S-2	METAL END SECTION	---	440.7000	442.2016	2+70.00 RT.	DRWG. S.D. 561

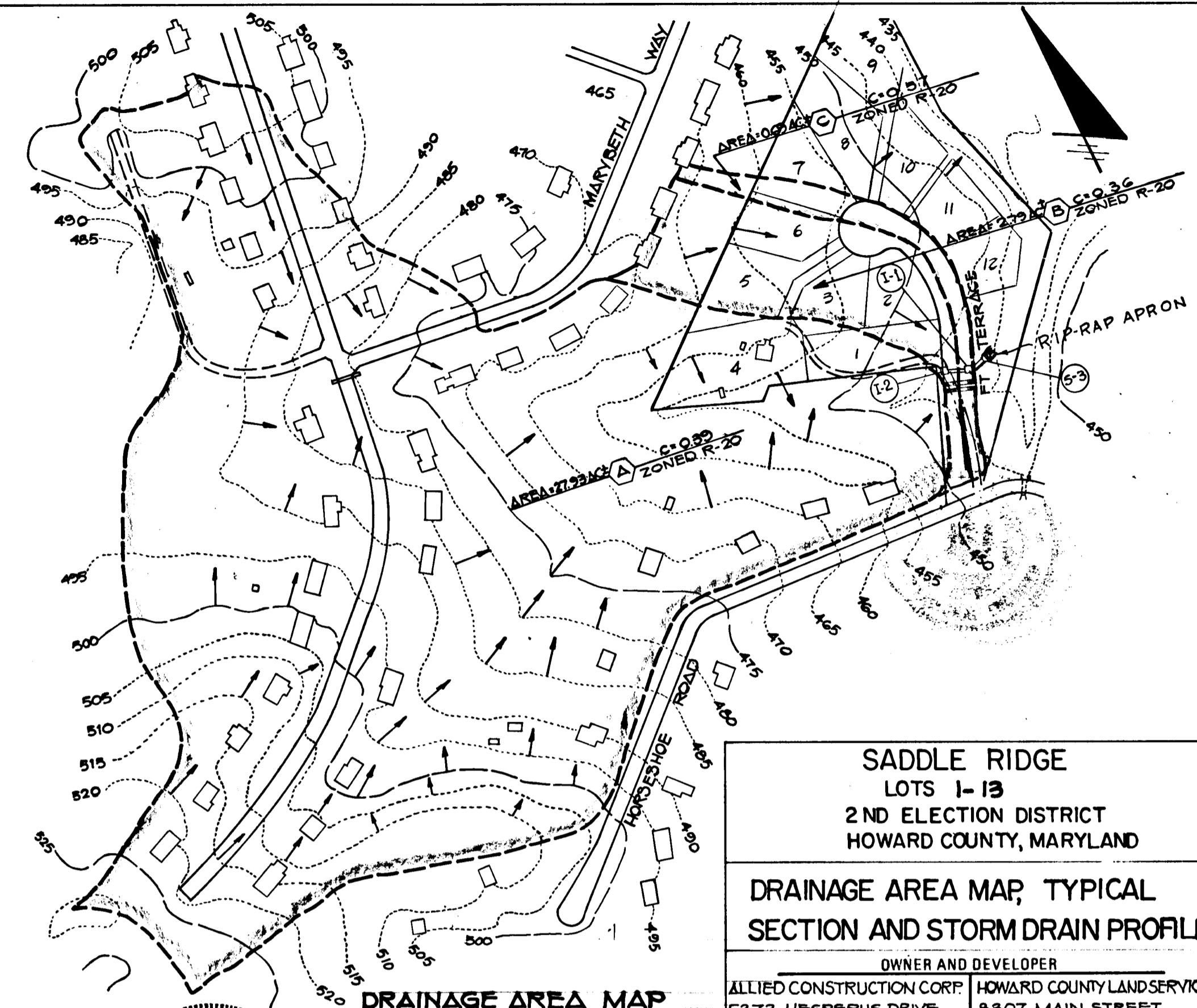


MACADAM WALKWAY DETAIL
NO SCALE



RIP-RAP CHANNEL @ S-1
NOT TO SCALE

RIP-RAP CHANNEL DESIGN DATA														
STRUCTURE	A #	P ft.	R	R ^{2/3}	S %	S 1/2	n	Q cfs.	V fps.	d ft.	W ft.	RIP-RAP SIZE		
												d 50	d MAX	b
S-1	19,205	13543	0.9827	0.9884	1.80	0.1342	0.04	9461	4.93	1.15	14.40	4	6	9'



DRAINAGE AREA MAP
SCALE: 1" = 200'

SADDLE RIDGE
LOTS 1-13
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

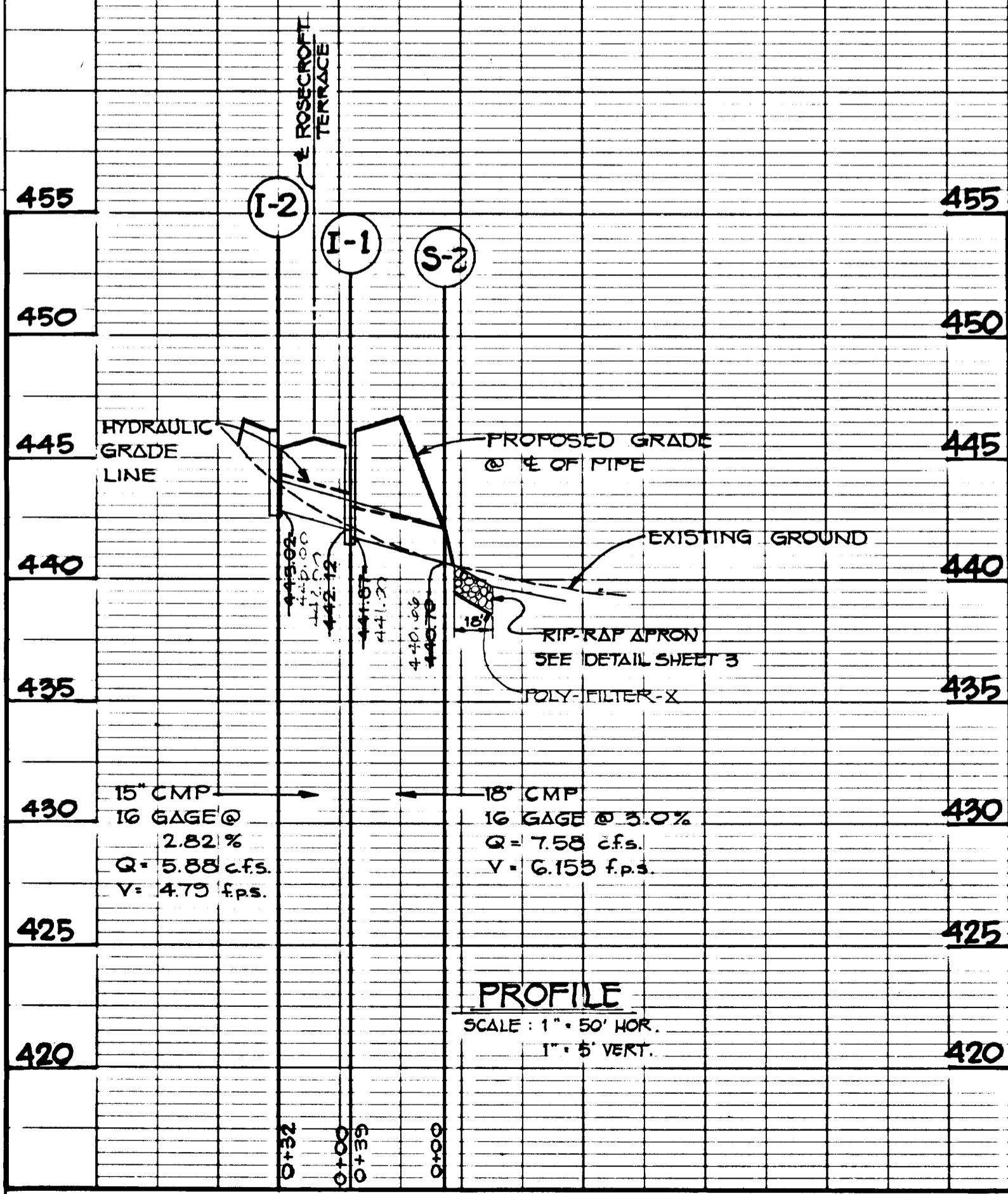
DRAINAGE AREA MAP, TYPICAL SECTION AND STORM DRAIN PROFILES

OWNER AND DEVELOPER
ALLIED CONSTRUCTION CORP. | HOWARD COUNTY LAND SERVICES
5373 HESPERUS DRIVE | 8307 MAIN STREET
COLUMBIA, MD 21044 | ELLICOTT CITY, MD 21043

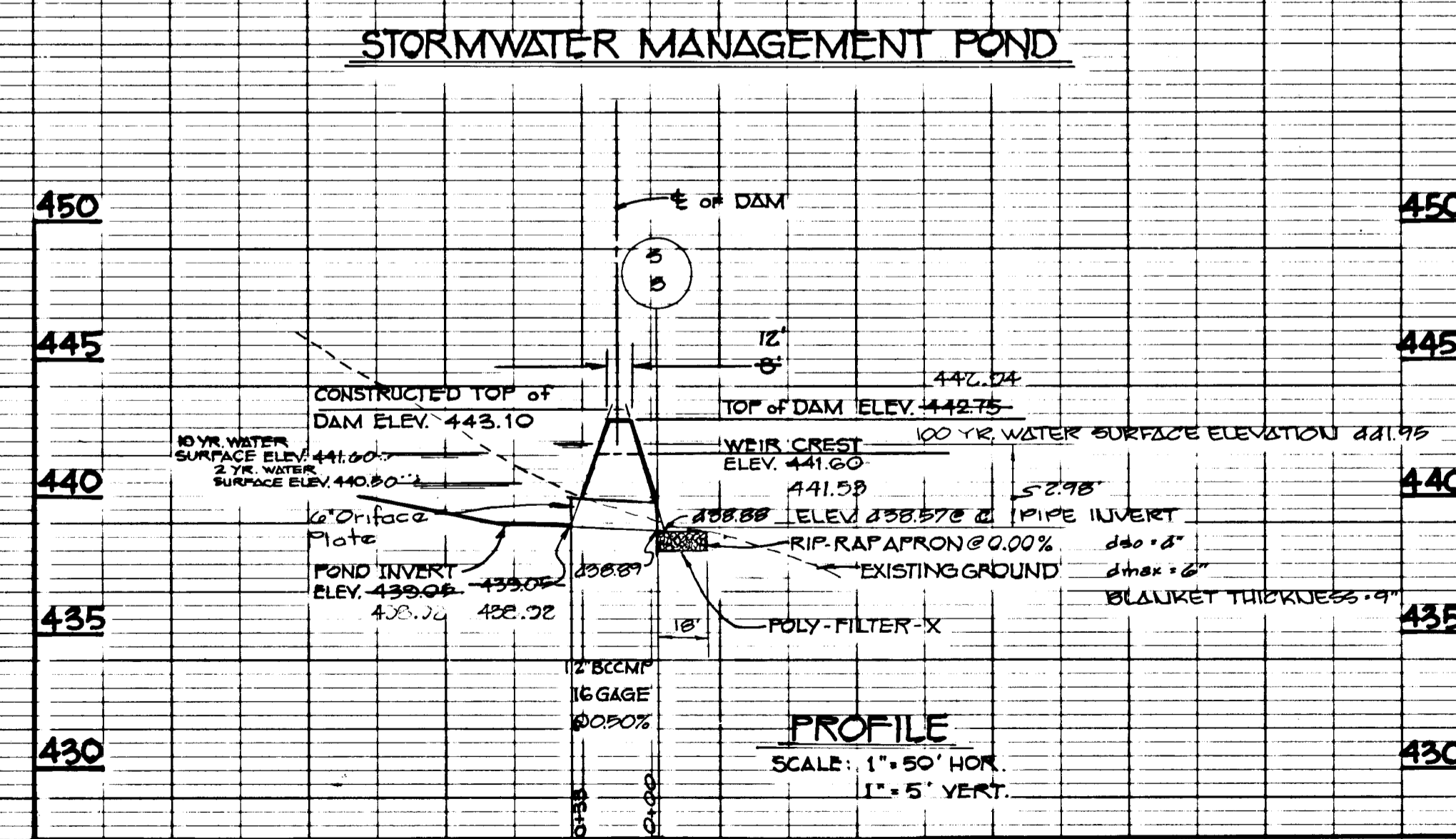
SCALE AS SHOWN | DATE MARCH 10, 1988 | DWG. NO. 2 OF 3
DES. M. VITUCCI | DRN. G. WEAVER | CHK. C. CROVO, SR.

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

DATE 3/23/88
CHARLES U. CROVO SR.



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



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

AS-BUILT

PERMANENT SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS SUBJECT TO IMMEDIATE FURTHER DISTRIBUTION WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING.
 HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS PER 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).

2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 26, THRU FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL. OPTION (3) SEED WITH LUSCAGE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WILL ANCHORED STRAW.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNWROTE SHALLOU STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHTER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

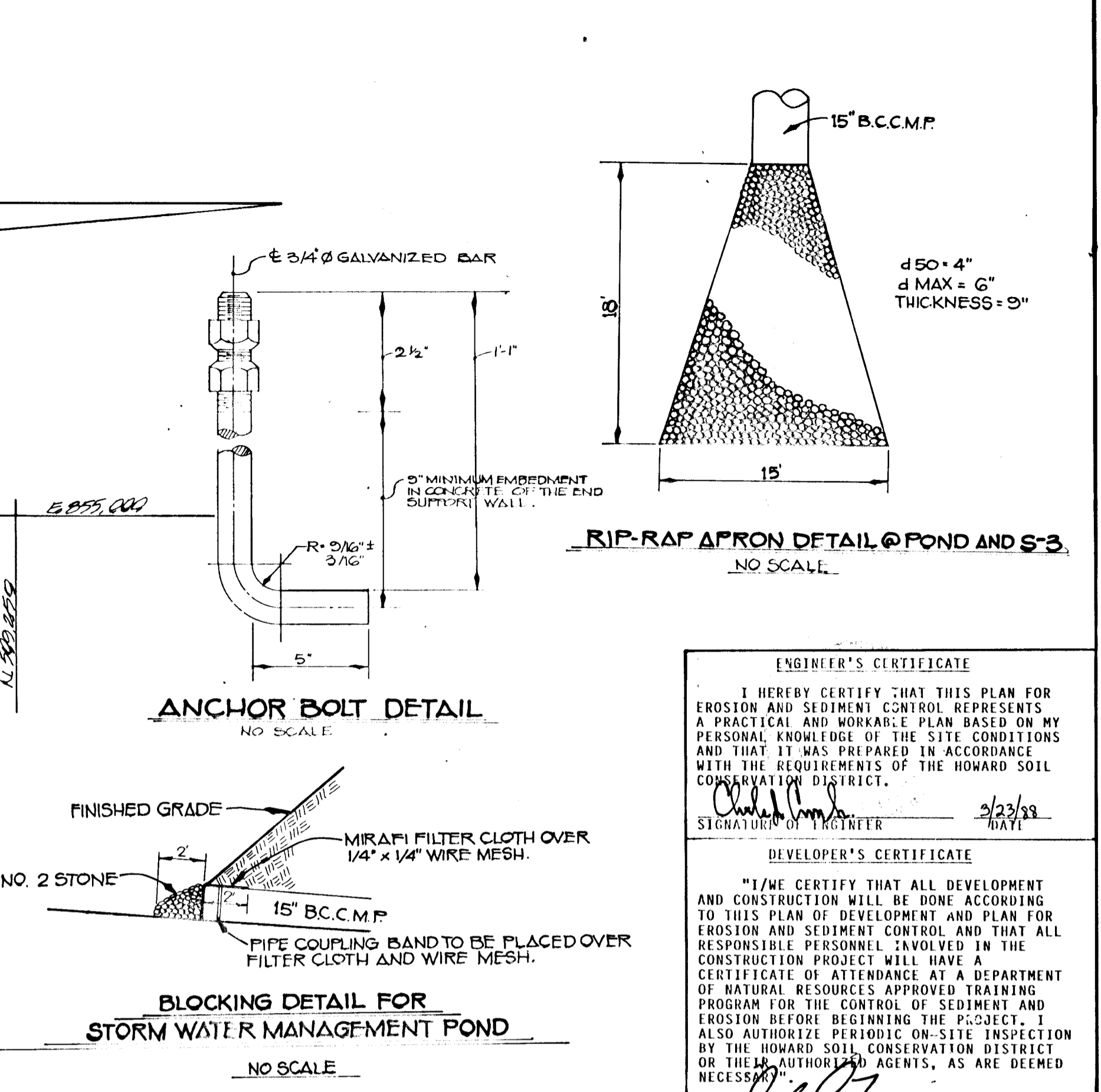
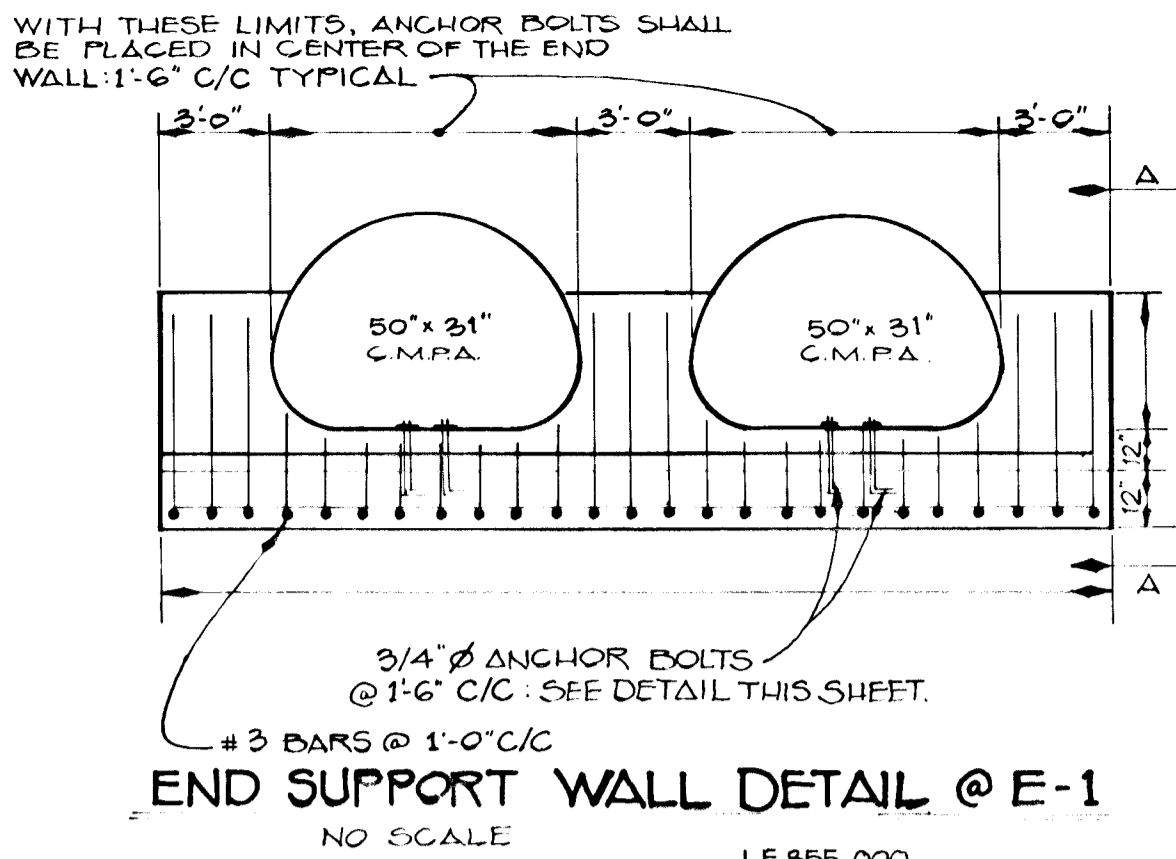
TEMPORARY SEEDING NOTES:
 APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 15 THRU NOVEMBER 15, SEED WITH 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. OF CORE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OR USE SOIL.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNWROTE SHALLOU STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT. OR HIGHTER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



SEDIMENT CONTROL NOTES:

1) A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).

2) ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

3) FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; (b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

4) ALL SEDIMENT TRAPS/BASINS SHALL BE FENCED AND WARNING SIGNS POSTED THEREON IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, 2008 EDITION.

5) ALL DISTURBED AREAS MUST BE RESTORED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOIL (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

6) ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

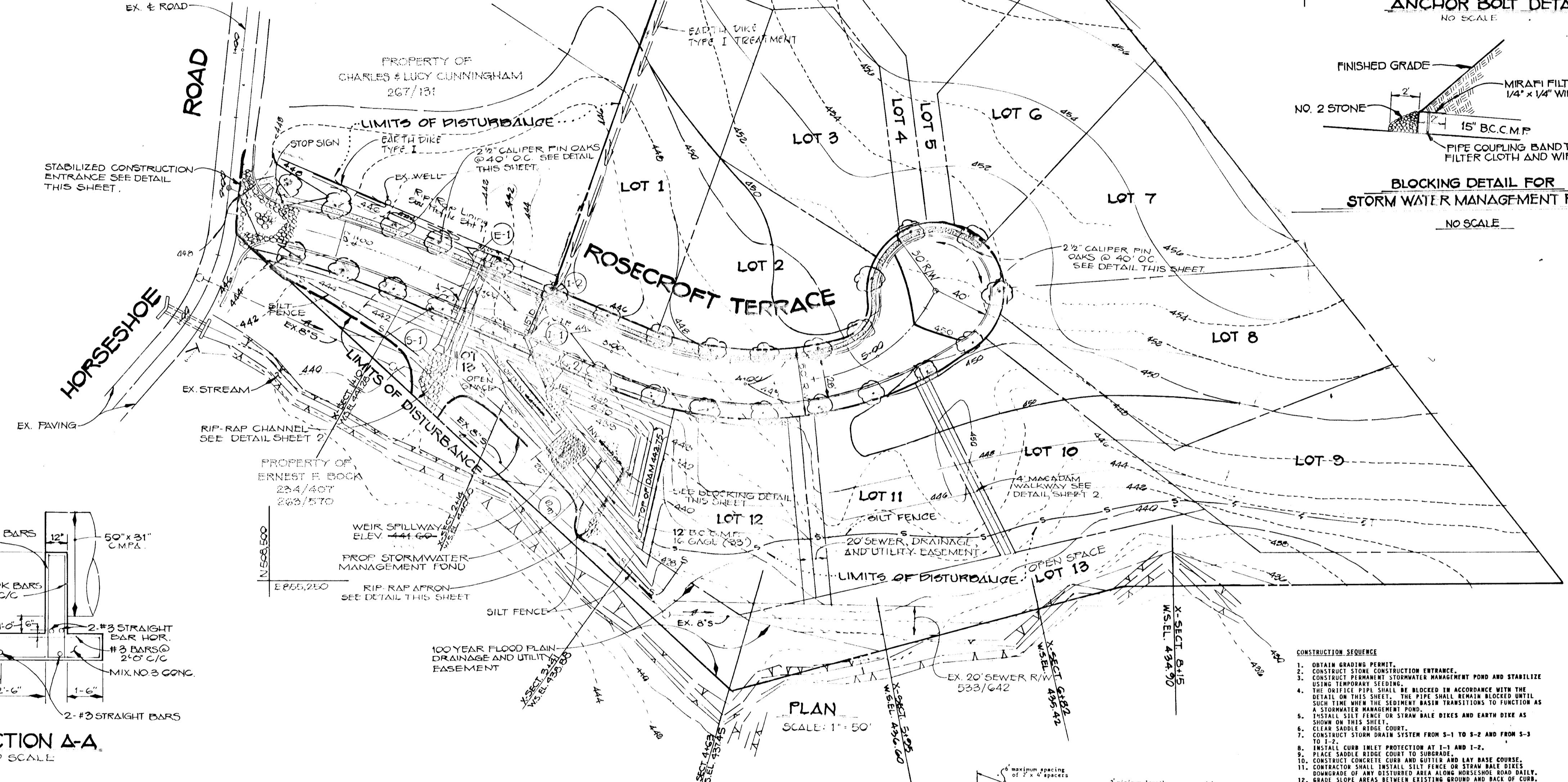
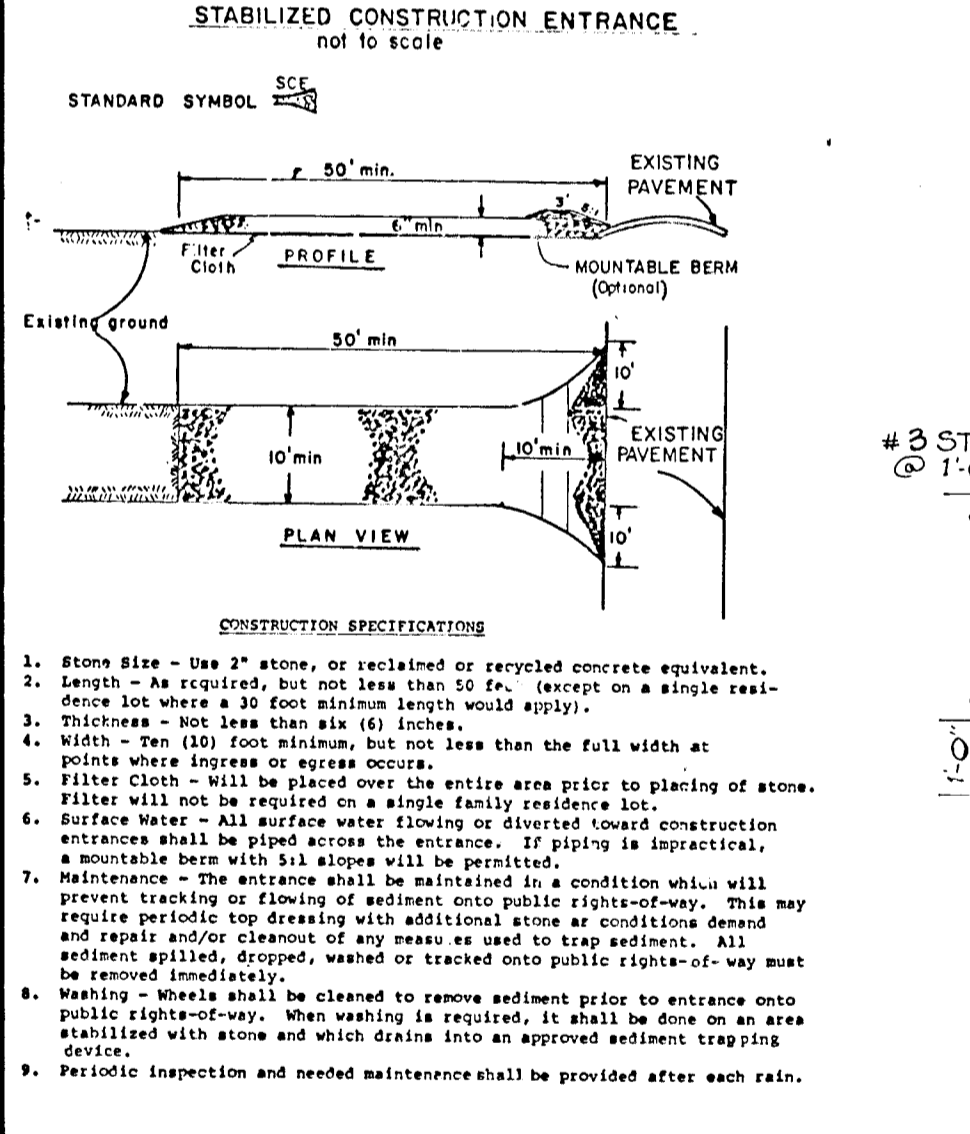
7) SITE ANALYSIS:
 TOTAL AREA OF SITE: 7.414 ACRES
 AREA DISTURBED: 0.466 ACRES
 AREA TO BE ROOFED OR PAVED: 1.255 ACRES
 TOTAL CUT: 5000.0 CU.YDS.
 TOTAL FILL: 5000.0 CU.YDS.
 OFFSITE WASTE/BORROW AREA LOCATION: [Blank]

8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

9) ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DOW SEDIMENT CONTROL INSPECTOR.

10) ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. GRADING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

END SUPPORT WALL DETAIL @ E-1
 NO SCALE
 E 855,000
 N 508,500



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: 2/23/88

DEVELOPER'S CERTIFICATE
 I HEREBY 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.

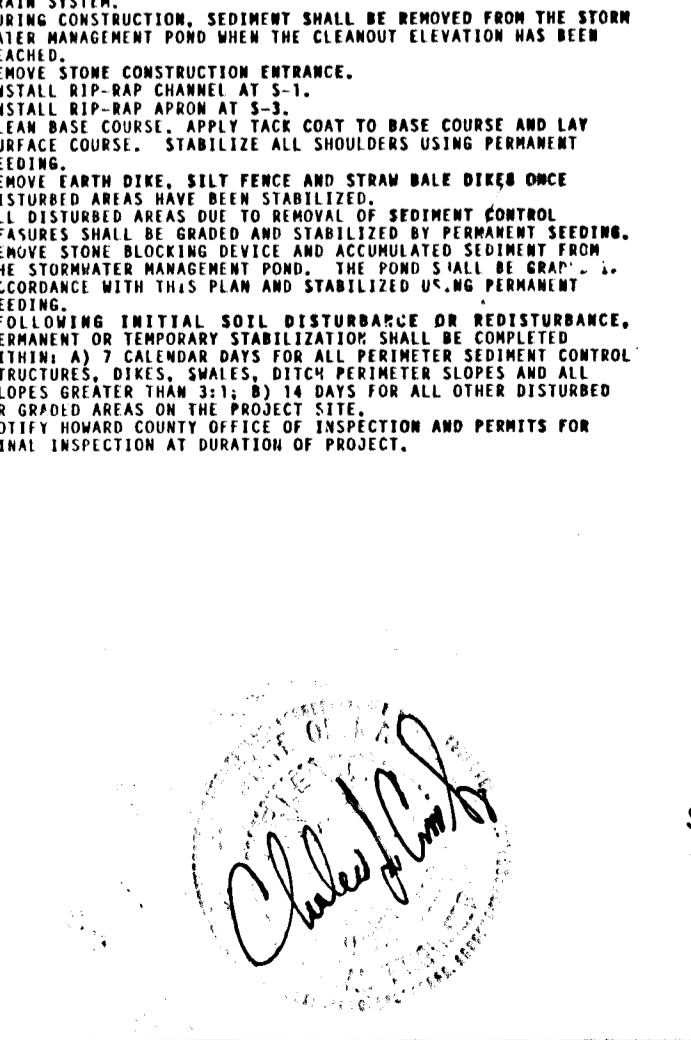
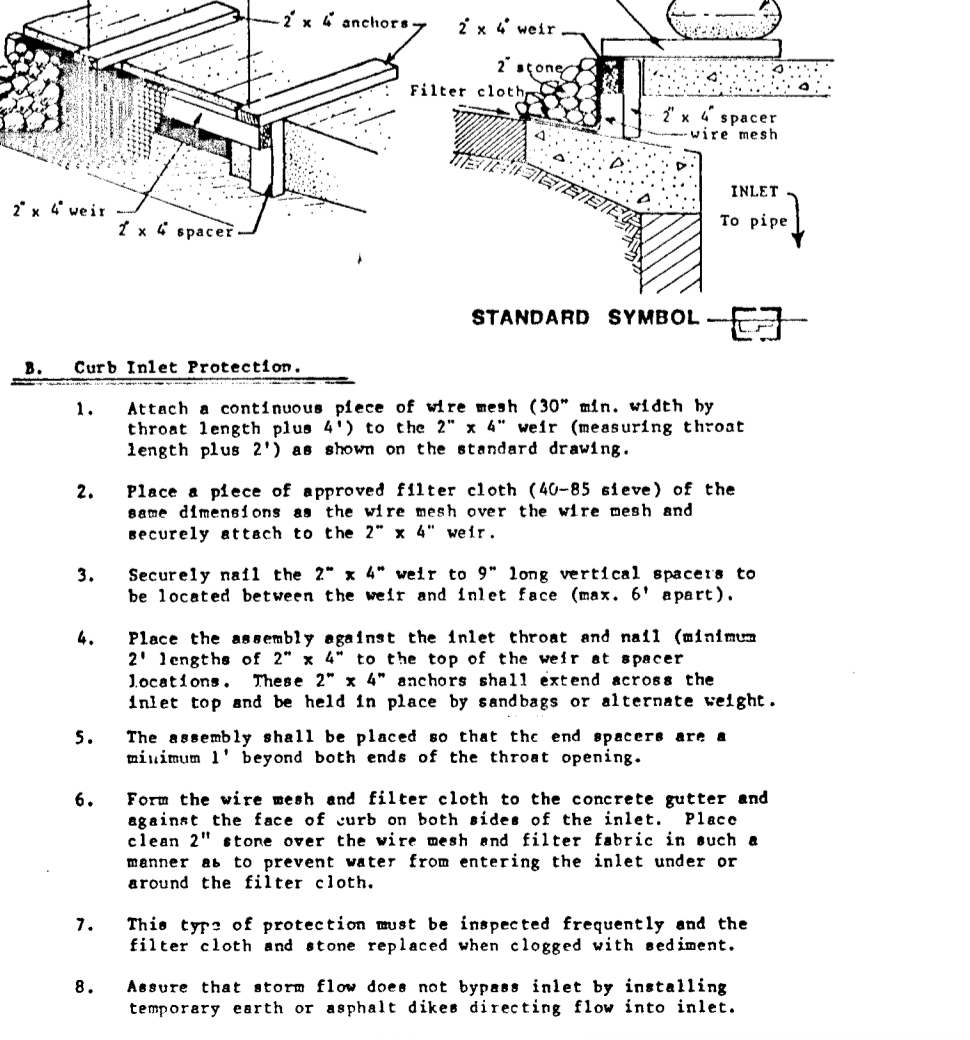
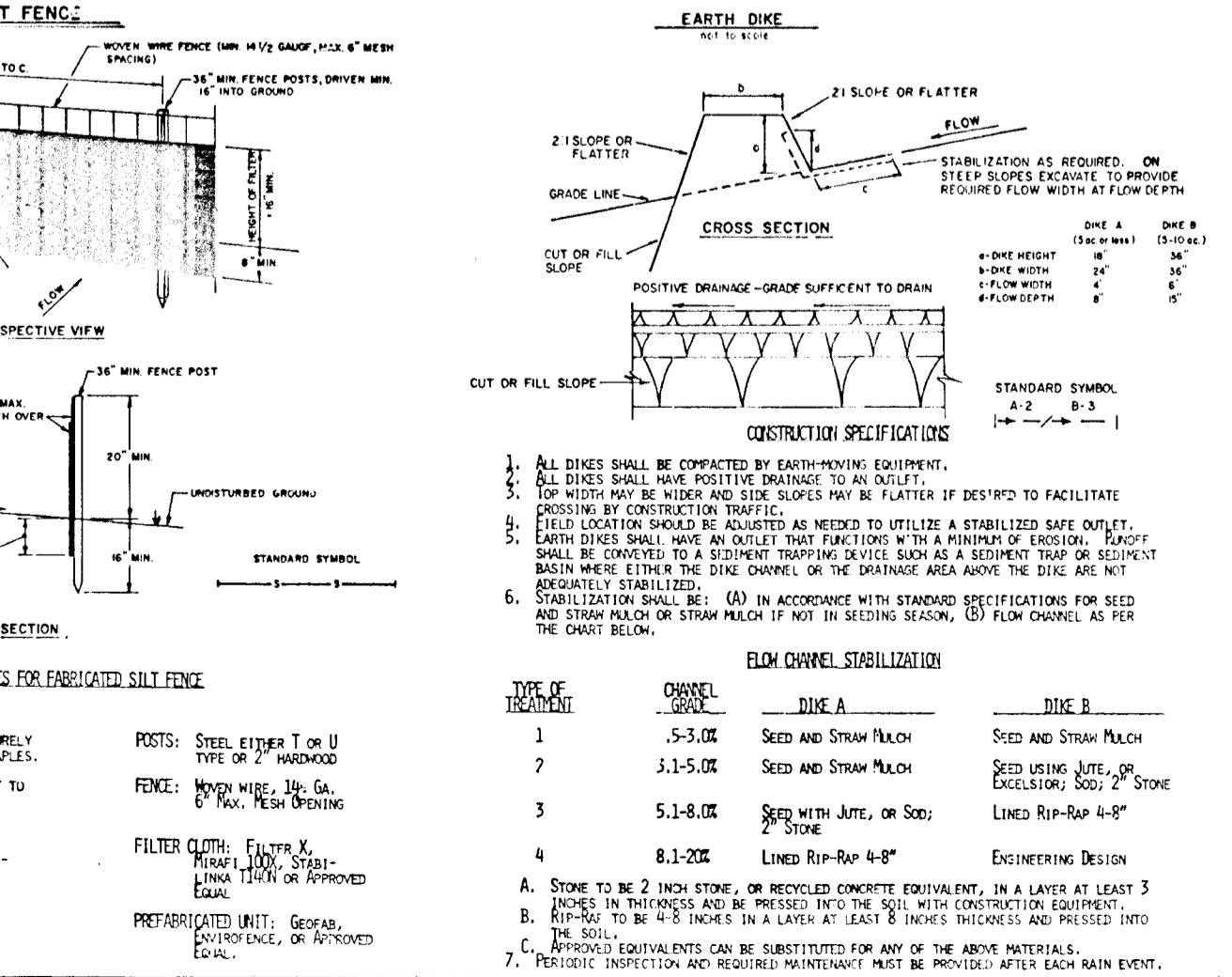
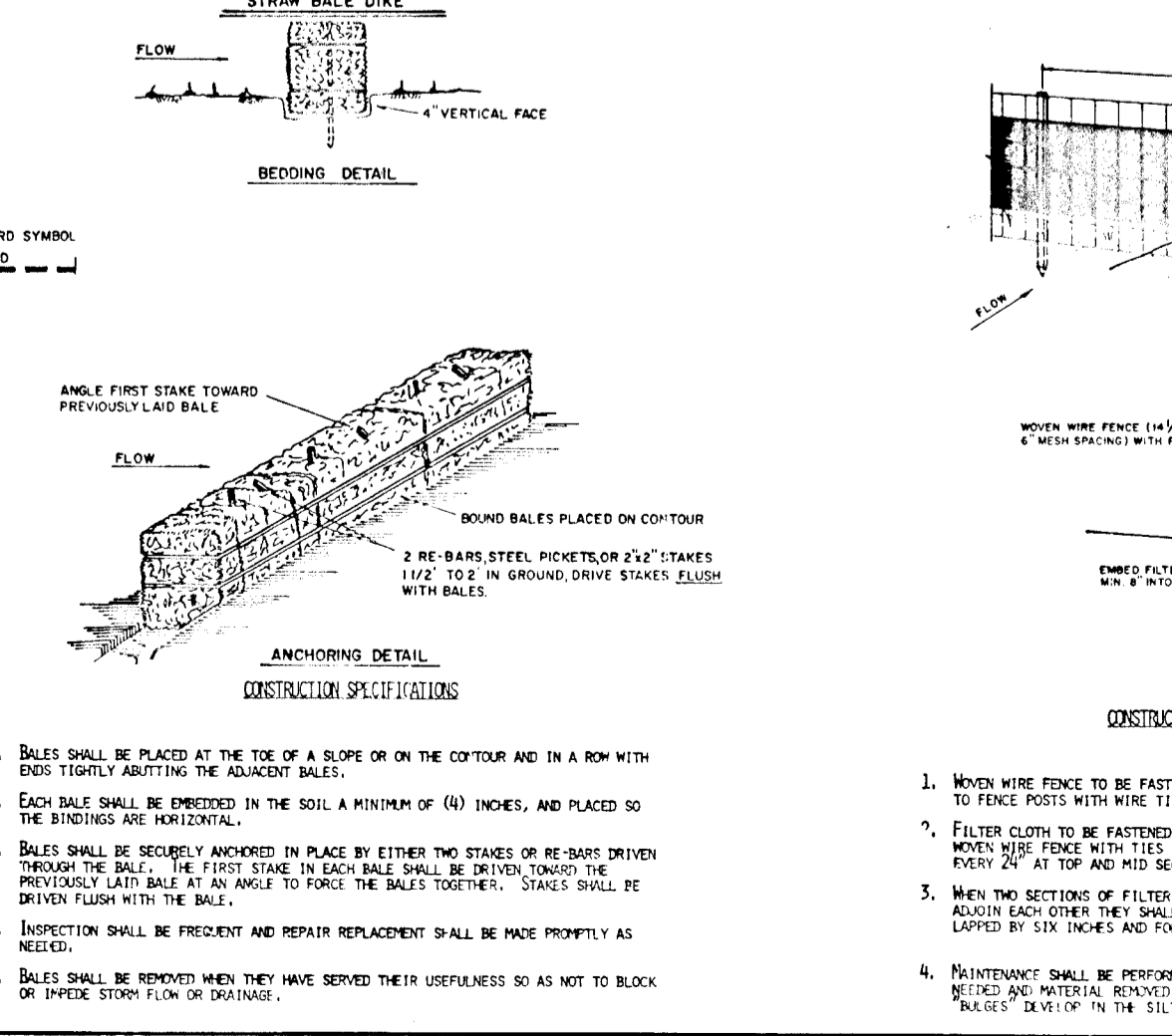
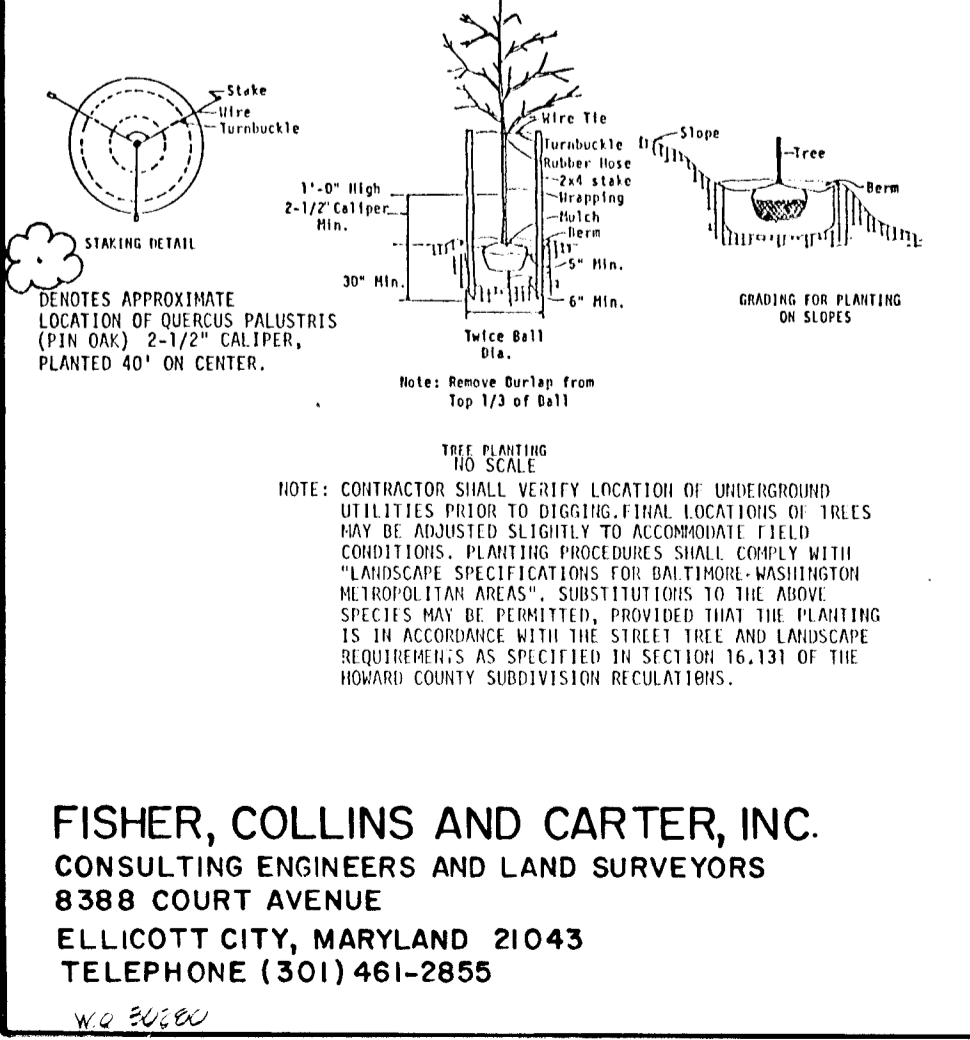
Signature of Developer: [Signature] DATE: 2/23/88

APPROVED: OFFICE OF PLANNING AND ZONING
 [Signature] DATE: 2/23/88

APPROVED: DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE: 2/23/88

APPROVED: DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE: 2/23/88

APPROVED: DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE: 2/23/88



OWNER
 ALLIED CONSTRUCTION CORPORATION
 5373 HESPERUS DRIVE
 COLUMBIA, MARYLAND 21044

DEVELOPER
 HOWARD COUNTY LAND SERVICES
 8307 MAIN STREET
 ELLICOTT CITY, MD. 21043

STREET TREE GRADING AND SEDIMENT CONTROL PLAN
 SADDLE RIDGE
 LOTS 1-13
 2ND ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN MARCH 10, 1988
 SHEET 3 OF 3

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