





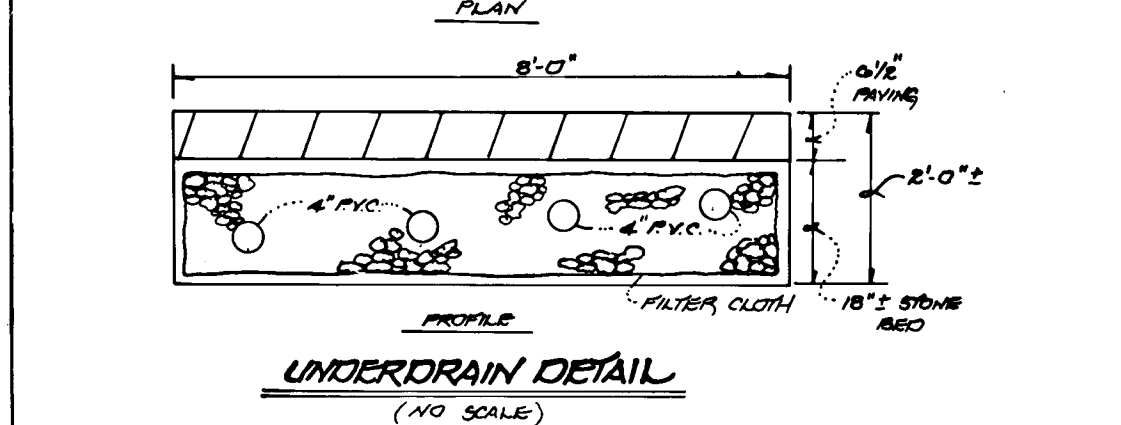
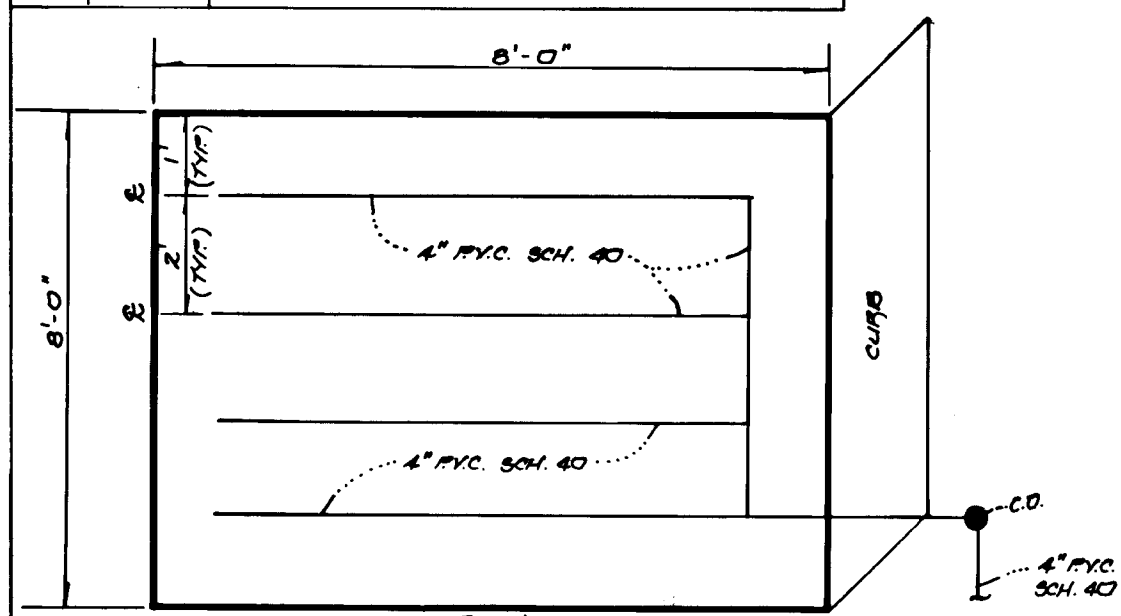








REVISION		
NO	DATE	DESCRIPTION
1	8-16-76	REV. LENGTH OF 9D. E-4



APPROVED  
DEPARTMENT OF PUBLIC WORKS

*Oliver M. Taylor*  
CHIEF, LAND DEVELOPMENT DIVISION, M.V.  
10/6/80 DATE

*Granville W. Welland*  
CHIEF, BUREAU OF HIGHWAYS  
8/7/79 DATE

APPROVED  
DEPARTMENT OF PUBLIC WORKS

*William S. Ray*  
10/9/79 DATE

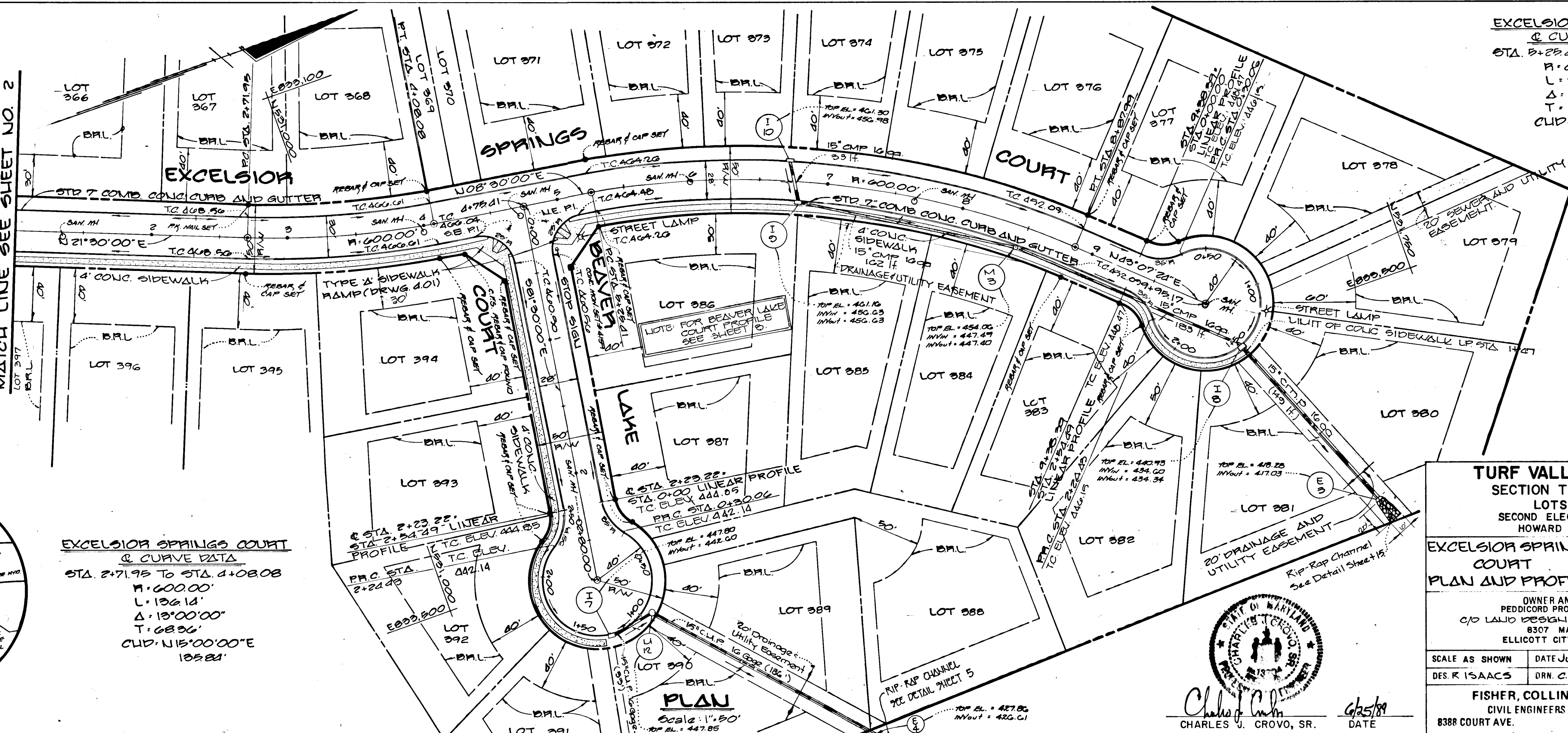
APPROVED  
DEPT. OF PLANNING AND ZONING

*Frank J. Kuylenstierna*  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
10/14/79 DATE

PLAN  
SURVEYED  
PLOTTED  
GRADES CHECKED  
STRUCTURE NOTATIONS CHECKED  
NOTE BOOK NO.

PROFILE  
SURVEYED  
PLOTTED  
GRADES CHECKED  
STRUCTURE NOTATIONS CHECKED  
NOTE BOOK NO.

MATCH LINE SEE SHEET NO. 2



**TURF VALLEY OVERLOOK**  
SECTION TWO AREA TWO  
LOTS 273 - 398  
SECOND ELECTION DISTRICT  
HOWARD COUNTY, MD.

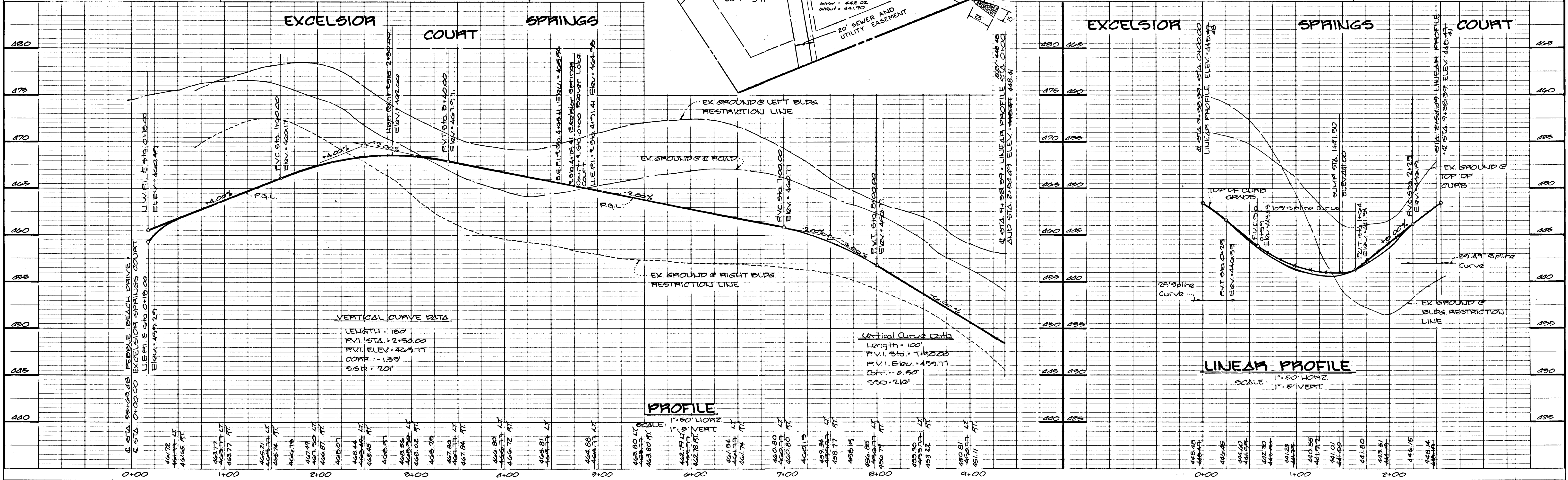
**EXCELSIOR SPRINGS BEAVER LAKE COURT**  
PLAN AND PROFILE

OWNER AND DEVELOPER  
PEDDICCORD PROPERTY PARTNERSHIP  
C/O LAND DESIGN AND DEVELOPMENT INC.  
8307 MAIN STREET  
ELICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JUNE 23, 1989 DWG. NO. 4 OF 17  
DES. R. ISAACS DRN. C. BAUER CHK. C. PROVOSE

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

CHARLES J. GROVO, SR.  
DATE 6/25/89



265



DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 ALIGNMENT CHECKED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_  
 SURVEYED \_\_\_\_\_  
 GRADES CHECKED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE \_\_\_\_\_ BY \_\_\_\_\_

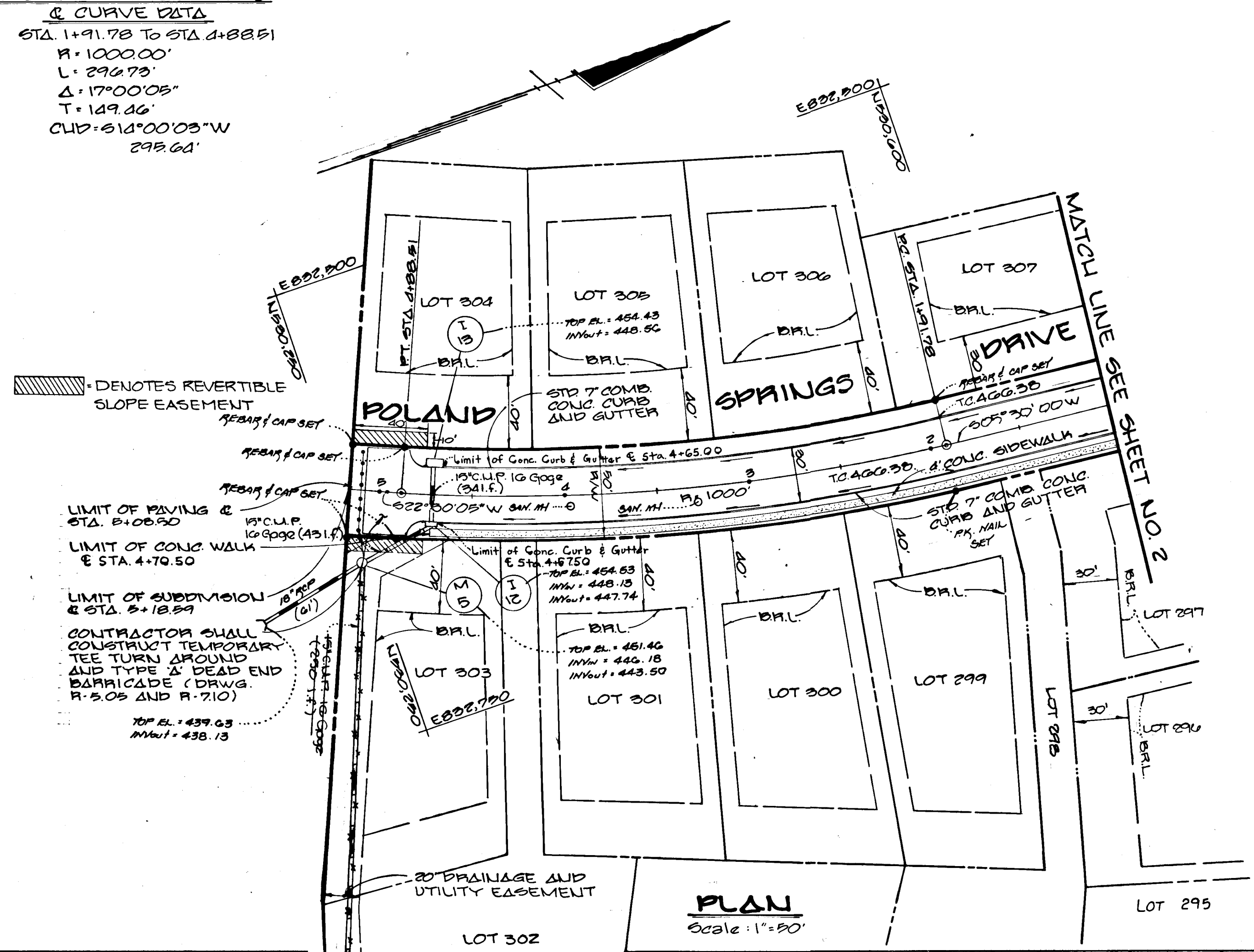
**POLAND SPRINGS DRIVE & CURVE DATA**  
 STA. 1+91.78 TO STA. 4+885.1  
 R = 1000.00'  
 L = 292.73'  
 Δ = 17°00'05"  
 T = 149.26'  
 CHD = 214°00'03" W  
 292.64'

APPROVED DEPARTMENT OF PUBLIC WORKS  
*Alan M. Toman* 10/6/89  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE

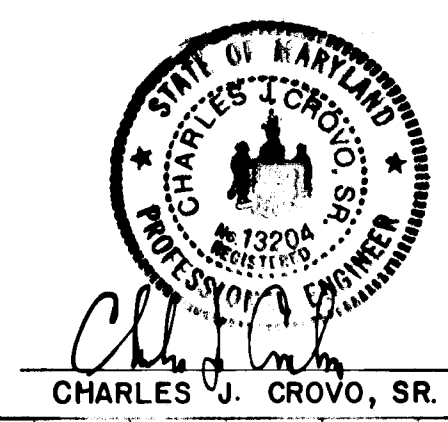
APPROVED DEPARTMENT OF PUBLIC WORKS  
*Draville H. McLeod* 9/7/89  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE

APPROVED DEPARTMENT OF PUBLIC WORKS  
*William B. Kelly* 10/9/89  
 CHIEF, BUREAU OF ENGINEERING  
 DATE

APPROVED DEPT. OF PLANNING AND ZONING  
*Frank S. D'Amico* 10/16/89  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE



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



**TURF VALLEY OVERLOOK**  
 SECTION TWO AREA TWO  
 LOTS 293 - 398  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MD.

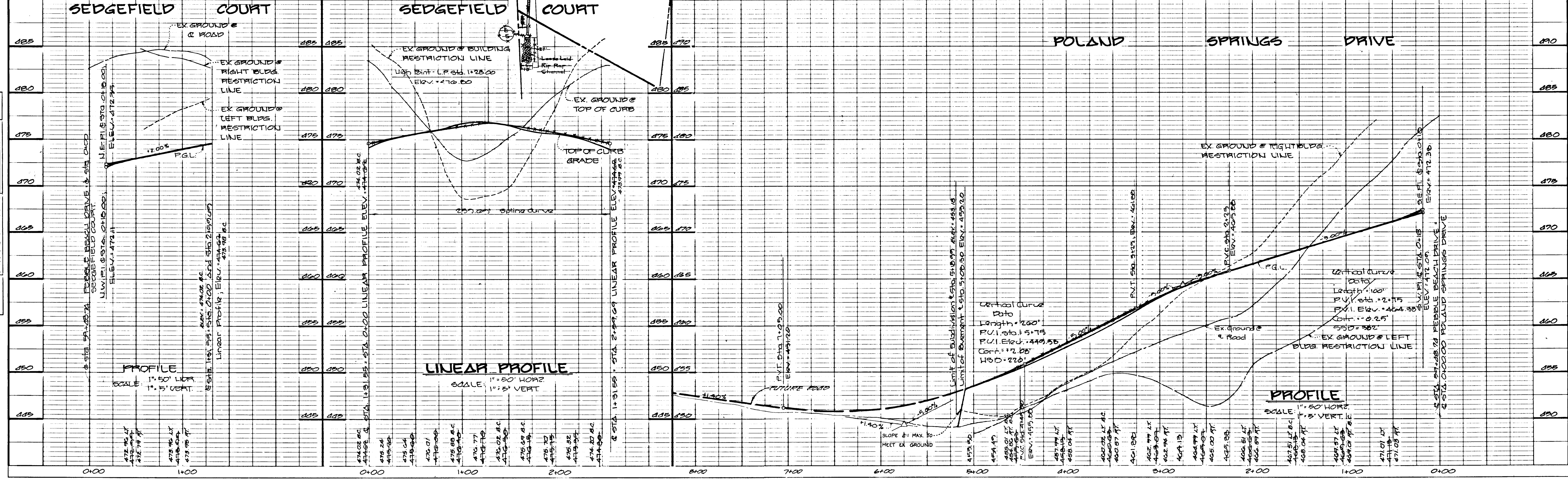
**POLAND SPRINGS DRIVE**  
 PLAN AND PROFILE  
**SEDFIELD COURT**  
 PROFILE

OWNER AND DEVELOPER  
 PEDDICO PROPERTY PARTNERSHIP  
 60 LAND DESIGN AND DEVELOPMENT INC.  
 8307 MAIN STREET  
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE JUNE 23, 1989 DWG. NO. 5 OF 17  
 DES. R. ISAACS 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 6/25/89



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

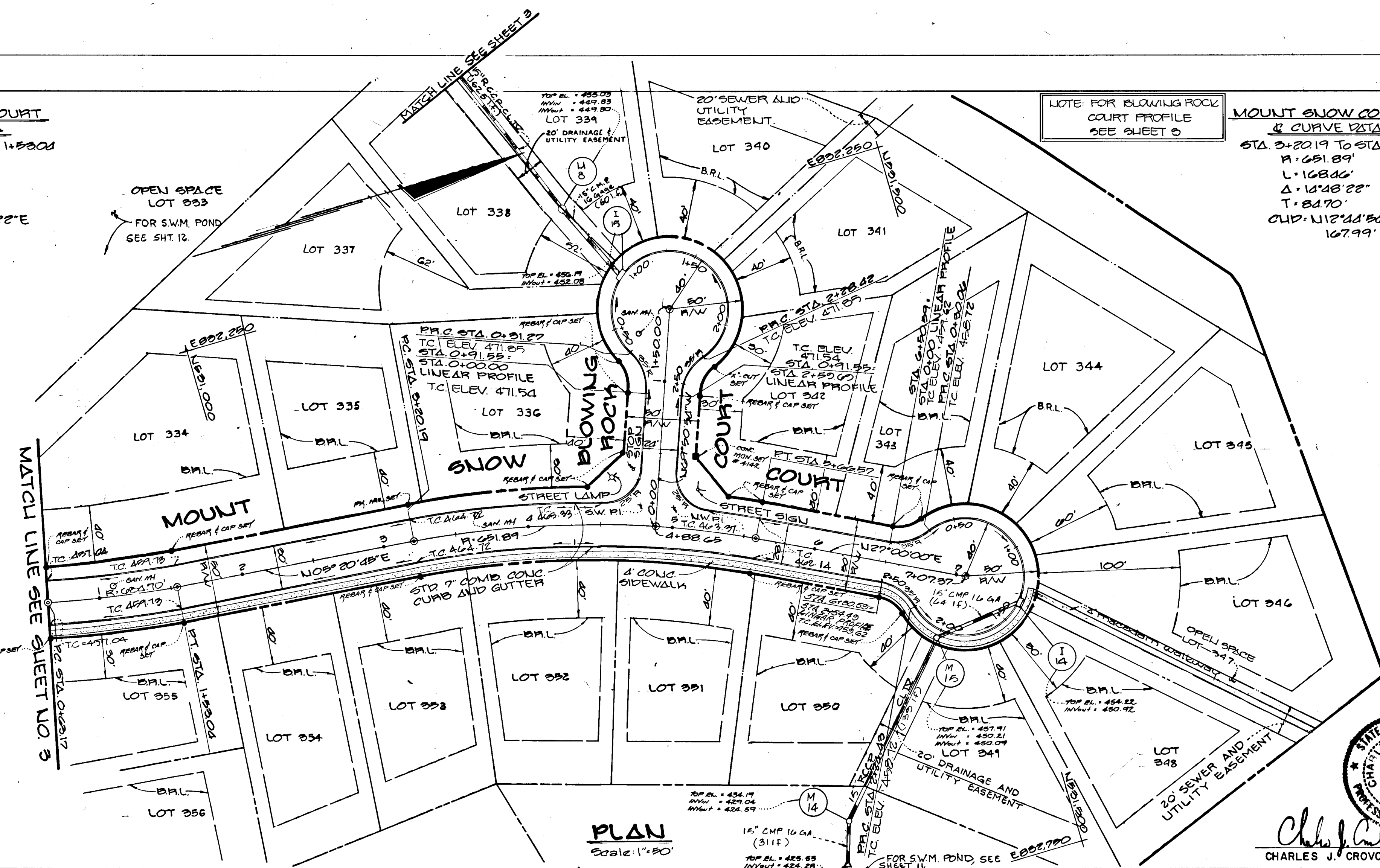
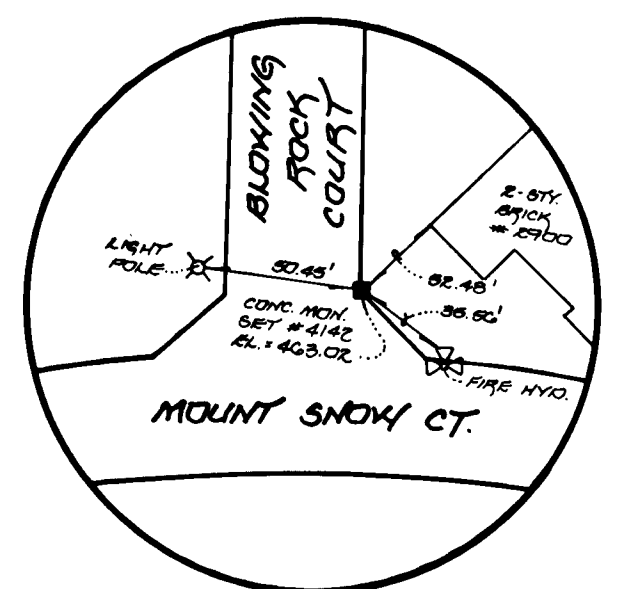
**PROFILE**  
 SCALE: 1" = 50' HORIZ  
 1" = 5' VERT.



**MOUNT SNOW COURT & CURVE DATA**  
 STA 0+00.17 TO STA 1+500.0  
 R = 89.87'  
 $\Delta = 07^{\circ}31'13''$   
 T = 18.00'  
 CHD = N09°06'22"E  
 89.81'

**MOUNT SNOW COURT & CURVE DATA**  
 STA 2+201.9 TO STA 4+886.5  
 R = 651.89'  
 L = 168.86'  
 $\Delta = 18^{\circ}18'22''$   
 T = 84.70'  
 CHD = N12°44'56"E  
 167.99'

**MOUNT SNOW COURT & CURVE DATA**  
 STA 5+201.9 TO STA 8+66.57  
 R = 231.89'  
 L = 24.638'  
 $\Delta = 21^{\circ}39'15''$   
 T = 12.67'  
 CHD = N16°10'22"E  
 24.91'



NOTE: FOR BLOWING ROCK COURT PROFILE SEE SHEET 0

DATE	
BY	
PLAN	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Chas. J. Crovo, Sr.* 10/19/90  
 CHIEF, LAND DEVELOPMENT DIVISION  
 DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Graville W. Welwood* 8/1/90  
 CHIEF, BUREAU OF HIGHWAYS  
 DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*James R. Ely* 10/9/90  
 CHIEF, BUREAU OF ENGINEERING  
 DATE

APPROVED  
 DEPT. OF PLANNING AND ZONING  
*Mark J. Gault* 10/10/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
 DATE

**TURF VALLEY OVERLOOK**  
 SECTION TWO AREA TWO  
 LOTS 223 - 346  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MD.

**MOUNT SNOW BLOWING ROCK COURT**  
 PLAN & PROFILE PLAN

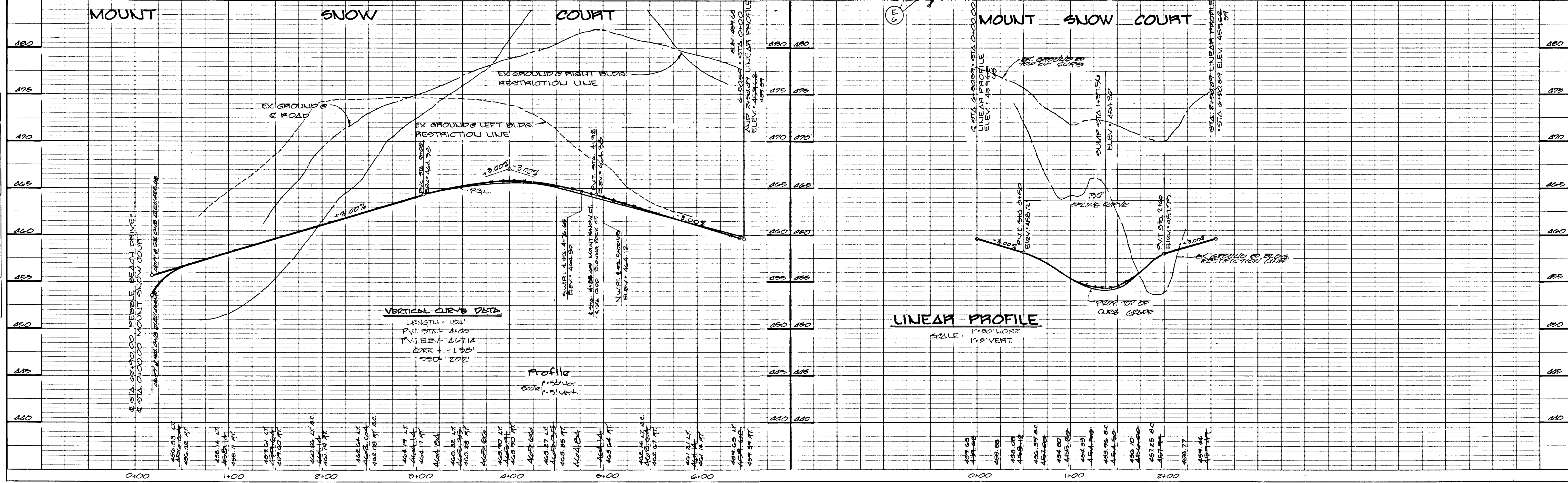
OWNER AND DEVELOPER  
 FEDDICO PROPERTY PARTNERSHIP  
 c/o Land Design and Development Inc.  
 2807 Main St.  
 Ellicott City, Md. 21043

SCALE AS SHOWN DATE June 23, 1989 DWG. NO. 6 OF 17  
 DES. K. ISAACS DRN. C. BAUER CHK. C. CROVO, SR.

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

*Charles J. Crovo, Sr.* 6/25/89  
 CHARLES J. CROVO, SR.  
 PROFESSIONAL ENGINEER

DATE	
BY	
PROFILE	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



265



**SHADOWBROOK COURT  
& CURVE DATA**  
 STA. 4+18.08 TO STA. 4+87.48  
 P.I. 109.02'  
 L. 69.35'  
 $\Delta$  136° 14' 52"  
 T. 35.88'  
 CHD. 5.26° 51' 37" W  
 68.20'

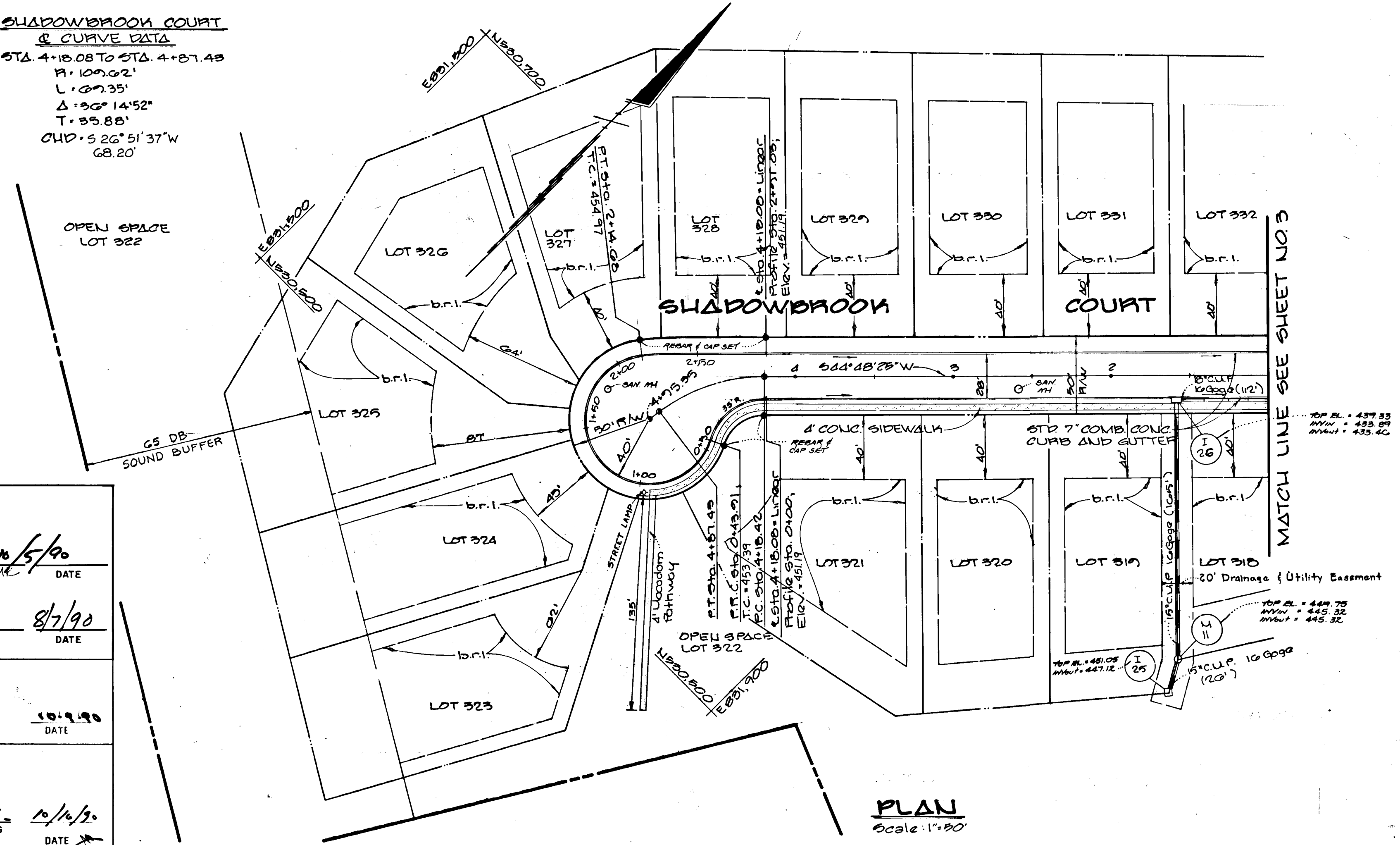
DATE	
BY	
PLAN	
SURVEYED	
GRADES CHECKED	
NOTE BOOK	
NO.	

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Ch. M. Jones* 10/5/90  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Franklin W. McLeod* 8/7/90  
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*P. Sullivan & Riley* 10/9/90  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED  
 DEPT. OF PLANNING AND ZONING  
*Frank S. McCarty* 10/1/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



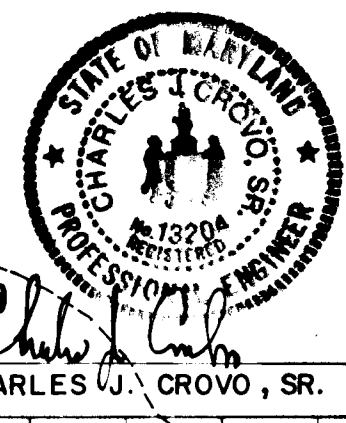
**TURF VALLEY OVERLOOK**  
 SECTION TWO AREA TWO  
 LOTS 223-298  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MD.

**SHADOWBROOK COURT  
 PLAN AND PROFILE**

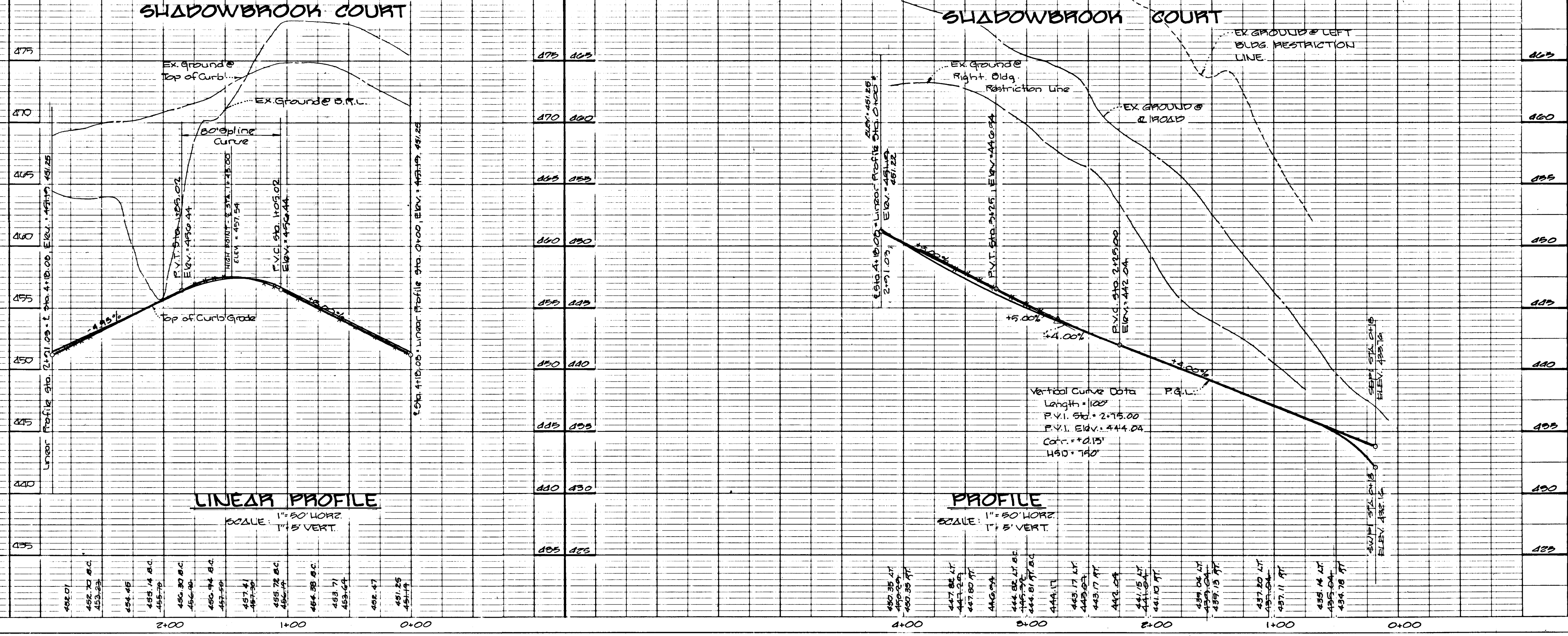
OWNER AND DEVELOPER  
 PEDDICORD PROPERTY PARTNERSHIP  
 C/O LAND DESIGN AND DEVELOPMENT INC.  
 8307 MAIN STREET  
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE June 23, 1989 DWG. NO. 7 OF 17  
 DES. R. ISAACS 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	
PROFILE	
SURVEYED	
GRADES CHECKED	
NOTE BOOK	
NO.	



205



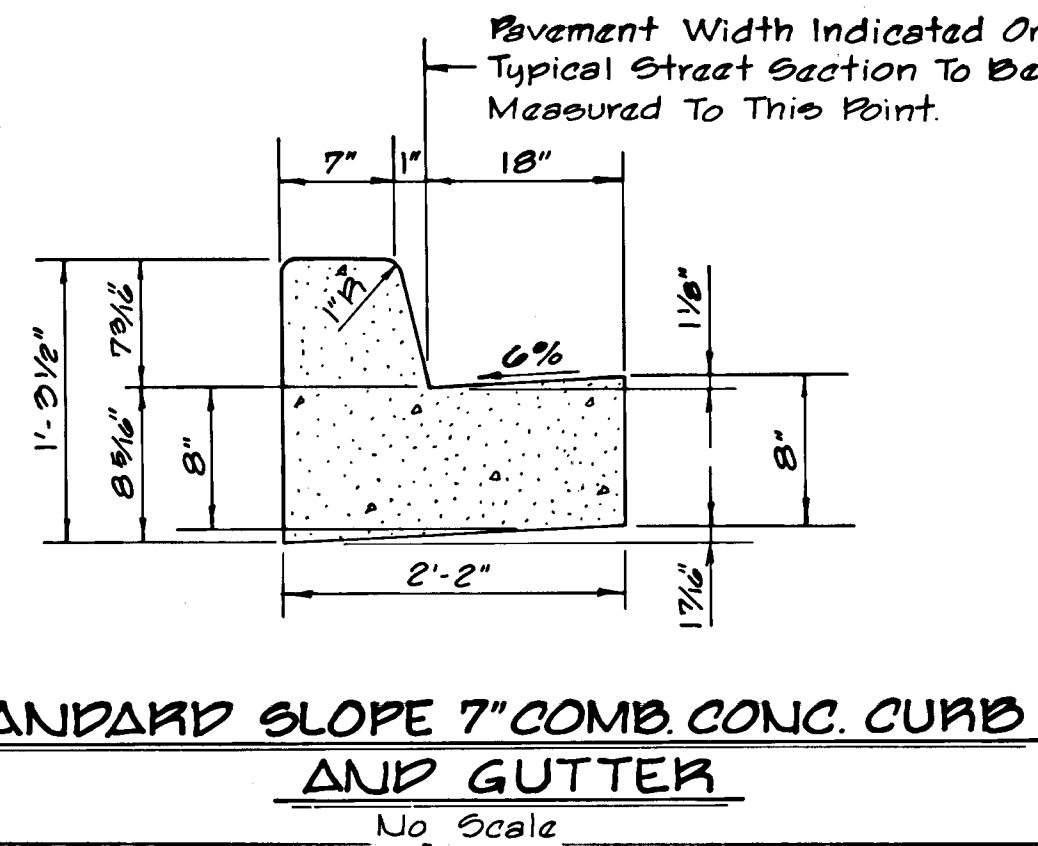
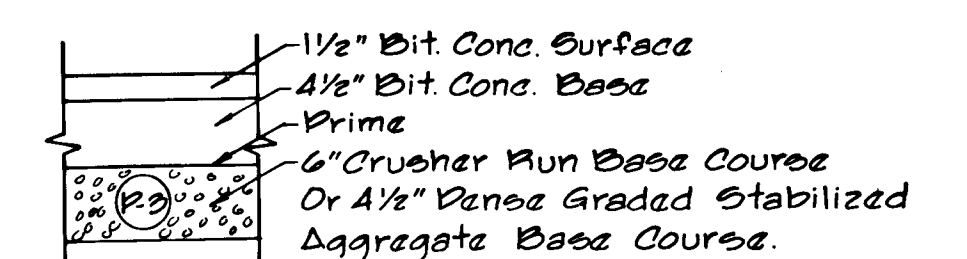
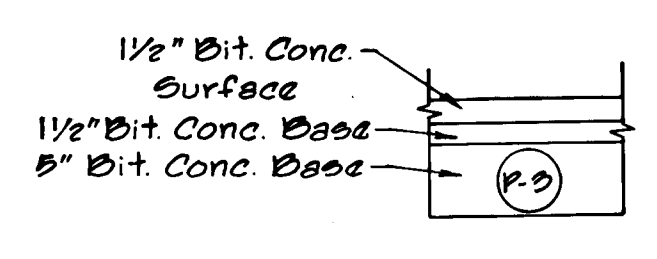
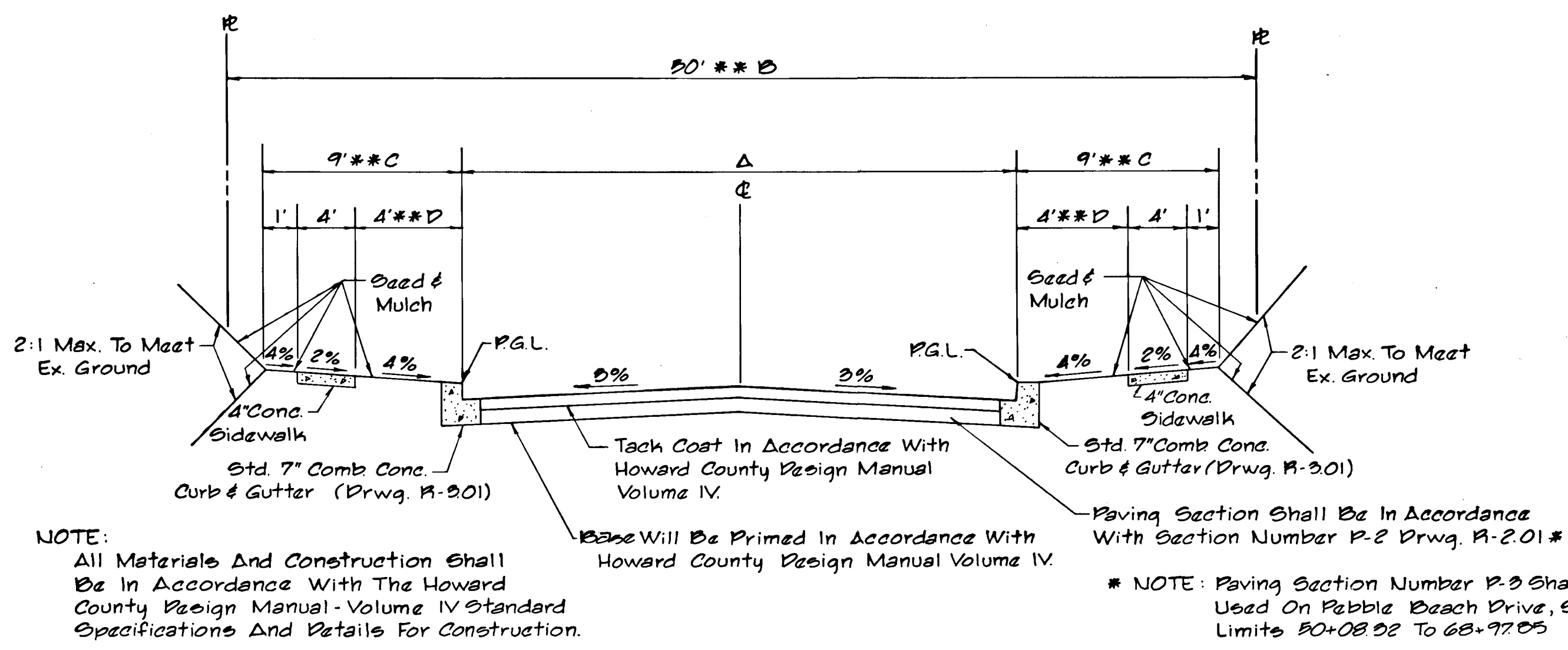
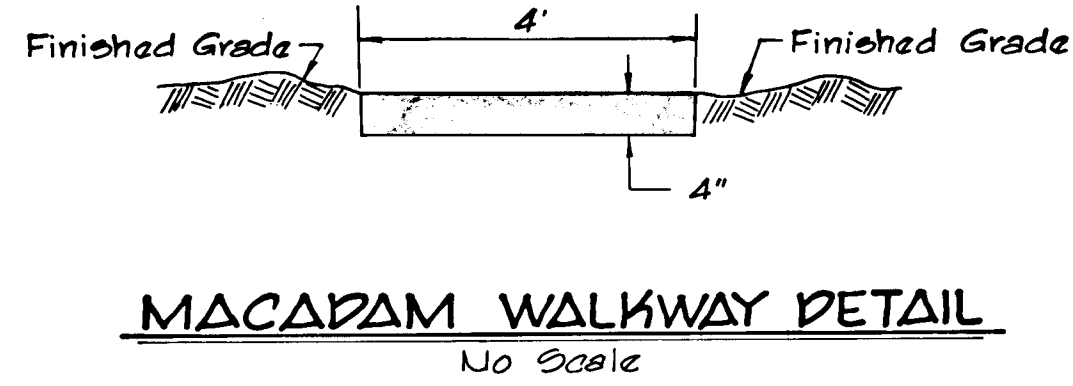
DATE  
BY  
NO. OF PART CHECKED  
NO. OF PART CHECKED  
NO. OF PART CHECKED

APPROVED  
DEPARTMENT OF PUBLIC WORKS  
DATE

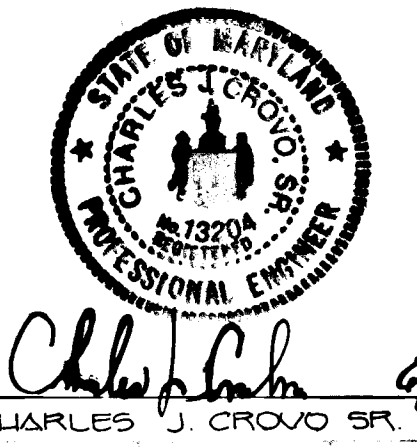
APPROVED  
DEPT. OF PLANNING AND ZONING  
DATE

APPROVED  
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT  
DATE

DATE  
BY  
NO. OF PART CHECKED  
NO. OF PART CHECKED  
NO. OF PART CHECKED



ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	Δ	STATION LIMITS
Pebble Beach Drive	Minor Collector	30	R-20	26'	50+08.02 To 68+97.05
Blowing Rock Court	Culdesac	25	R-20	24'	0+00 To 0+91.55
Mount Snow Court	Local Road	30	R-20	20'	0+00 To 4+55.65
Shadow Brook Court	Culdesac	25	R-20	28'	0+00 To 4+18.08
Chaimita Court	Culdesac	25	R-20	24'	0+00 To 1+03.23
Sedgefield Court	Culdesac	25	R-20	24'	0+00 To 1+01.55
Excelsior Springs Ct	Local Road	30	R-20	30'	0+00 To 4+75.41
Beaver Lake Court	Culdesac	25	R-20	28'	0+00 To 2+23.22
Poland Springs Drive	Local Road	30	R-20	30'	0+00 To 2+18.59
Mount Snow Ct	Culdesac	20	R-20	28'	4+55.65 To 6+50.59
Excelsior Springs Ct	Culdesac	30	R-20	28'	4+75.41 To 9+38.37



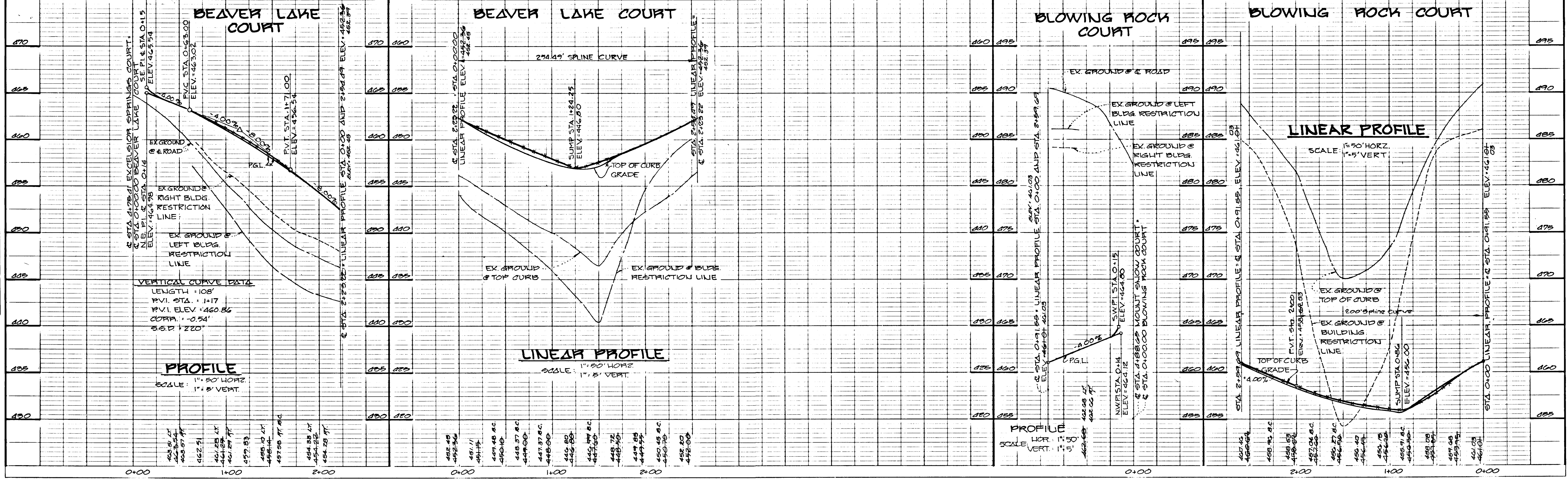
**TURF VALLEY OVERLOOK SECTION TWO AREA TWO**  
LOTS 293 - 398  
SECOND ELECTION DISTRICT  
LIQUARD CO MARYLAND

**BLOWING ROCK COURT BEAVER LAKE COURT**  
PROFILES

OWNER AND DEVELOPER  
Paddock Property Partnership  
C/O LAND DESIGN AND DEVELOPMENT INC.  
6207 Main St.  
Ellicott City Md 21045

SCALE AS SHOWN DATE JUNE 23, 1989 DWG. NO. 8 OF 17  
DES. R. ISAACS DRN. C. BAUER CHK. C. CROVO SR.

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

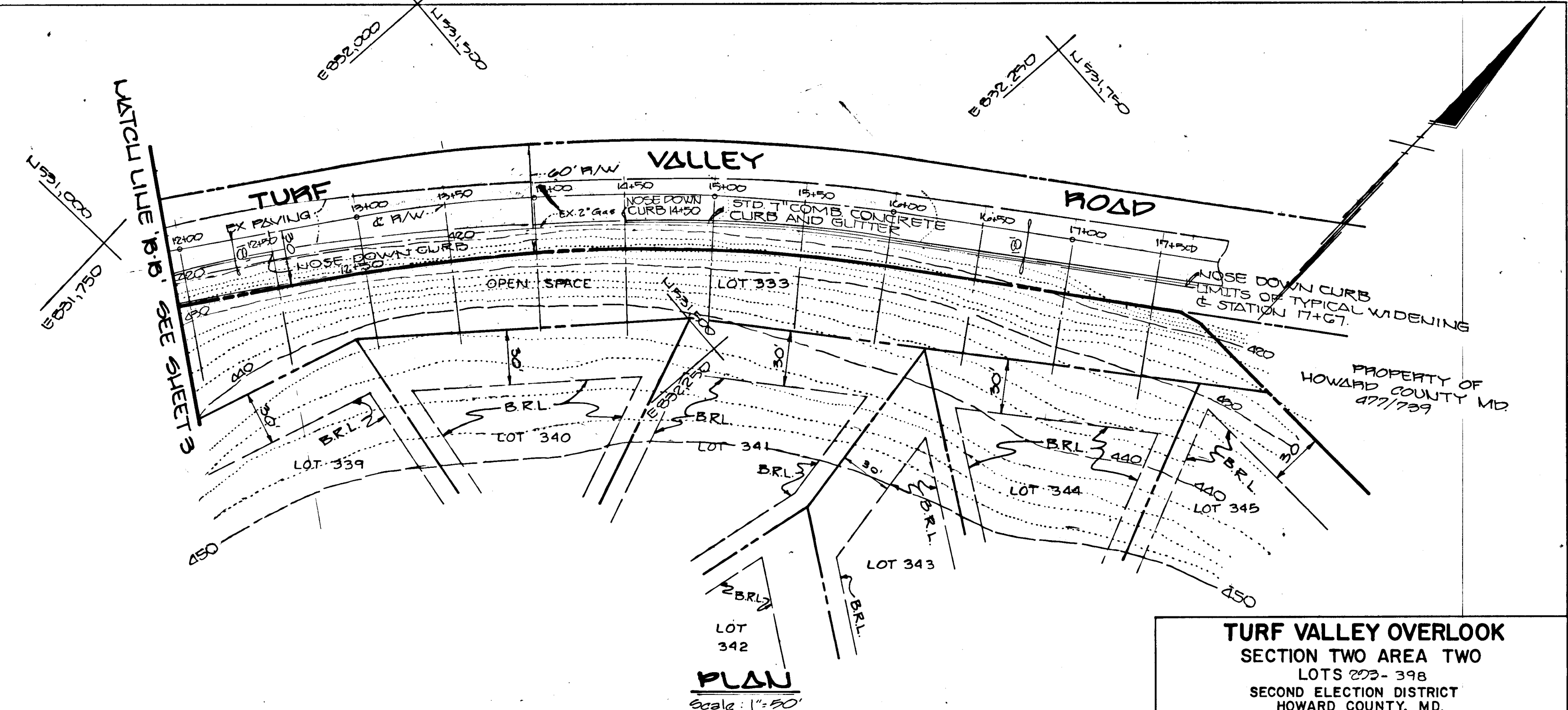
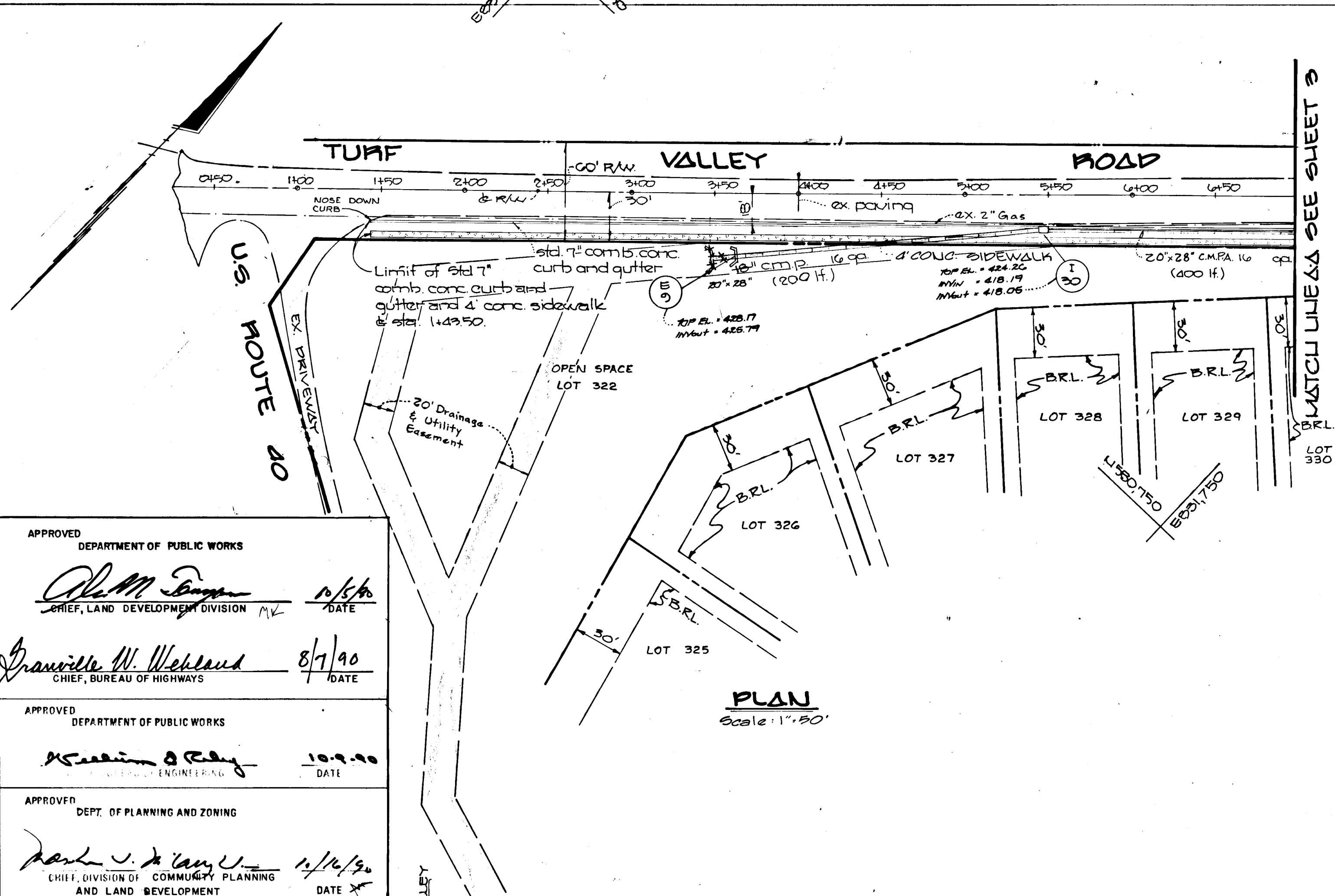


265



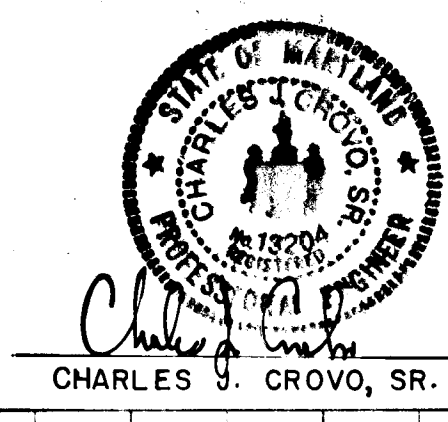
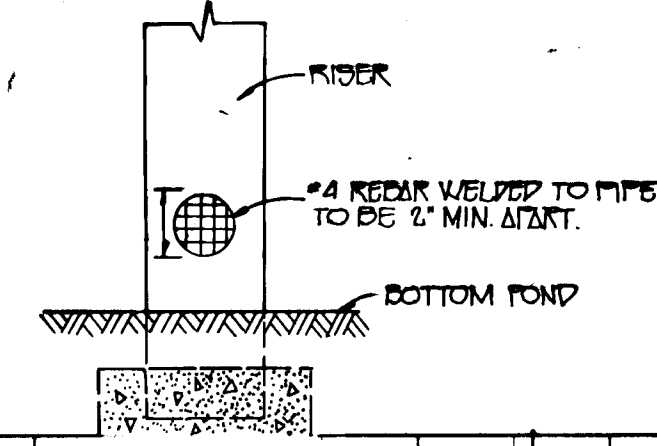
DATE BY  
 SURVEYED  
 ALIGNMENT CHECKED  
 NOTE BOOK NO. RT. OR WAY CHECKED

DATE BY  
 SURVEYED  
 GRADES CHECKED  
 NOTE BOOK NO. STRUCTURE NOTATION CHFC



APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Alvin M. Jones* 6/5/90  
 CHIEF, LAND DEVELOPMENT DIVISION  
 APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Granville W. Weiland* 8/7/90  
 CHIEF, BUREAU OF HIGHWAYS  
 APPROVED  
 DEPT. OF PLANNING AND ZONING  
*Paul J. Kelly* 12/16/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

**ORIFICE TRASH RACK DETAIL**  
 NO SCALE



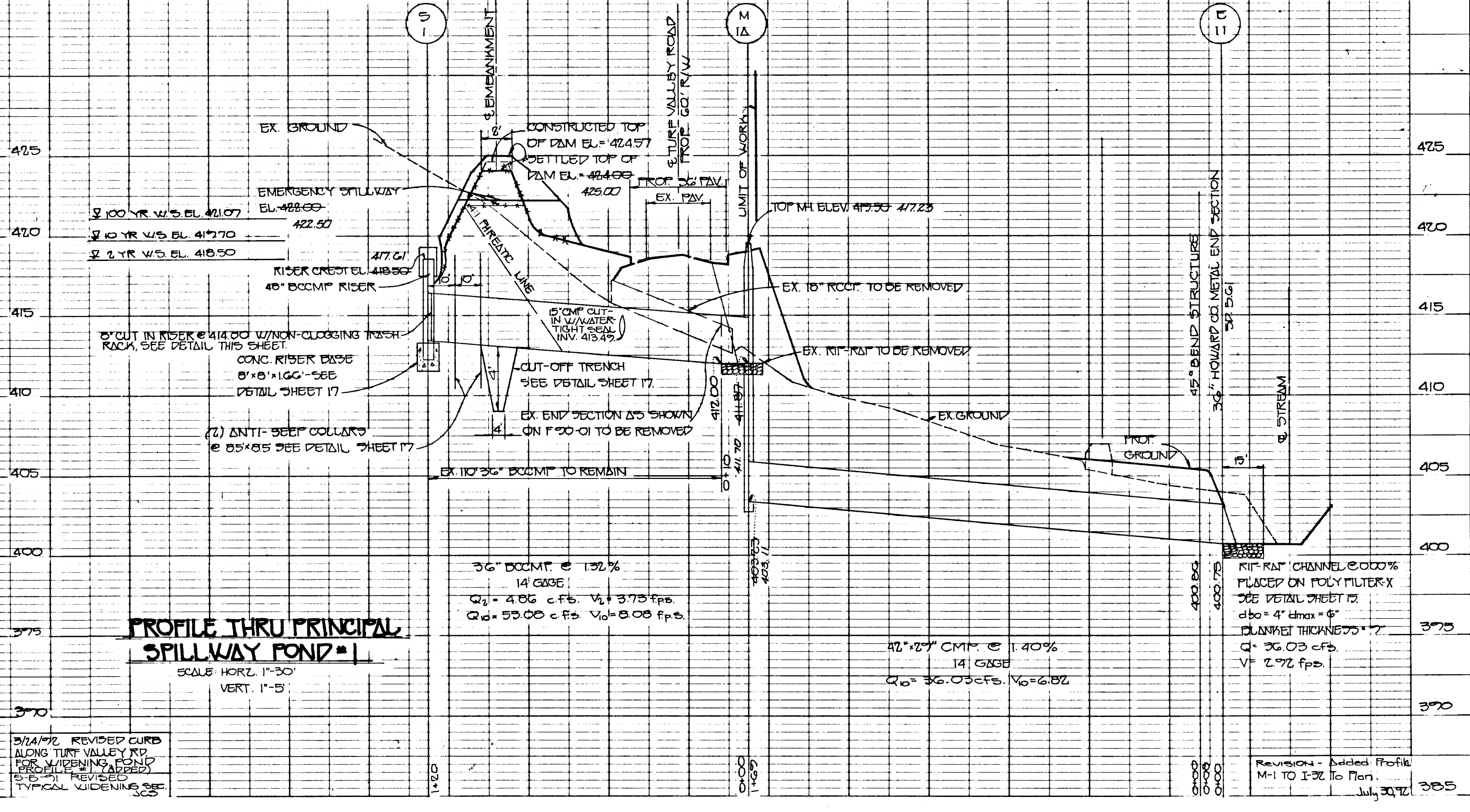
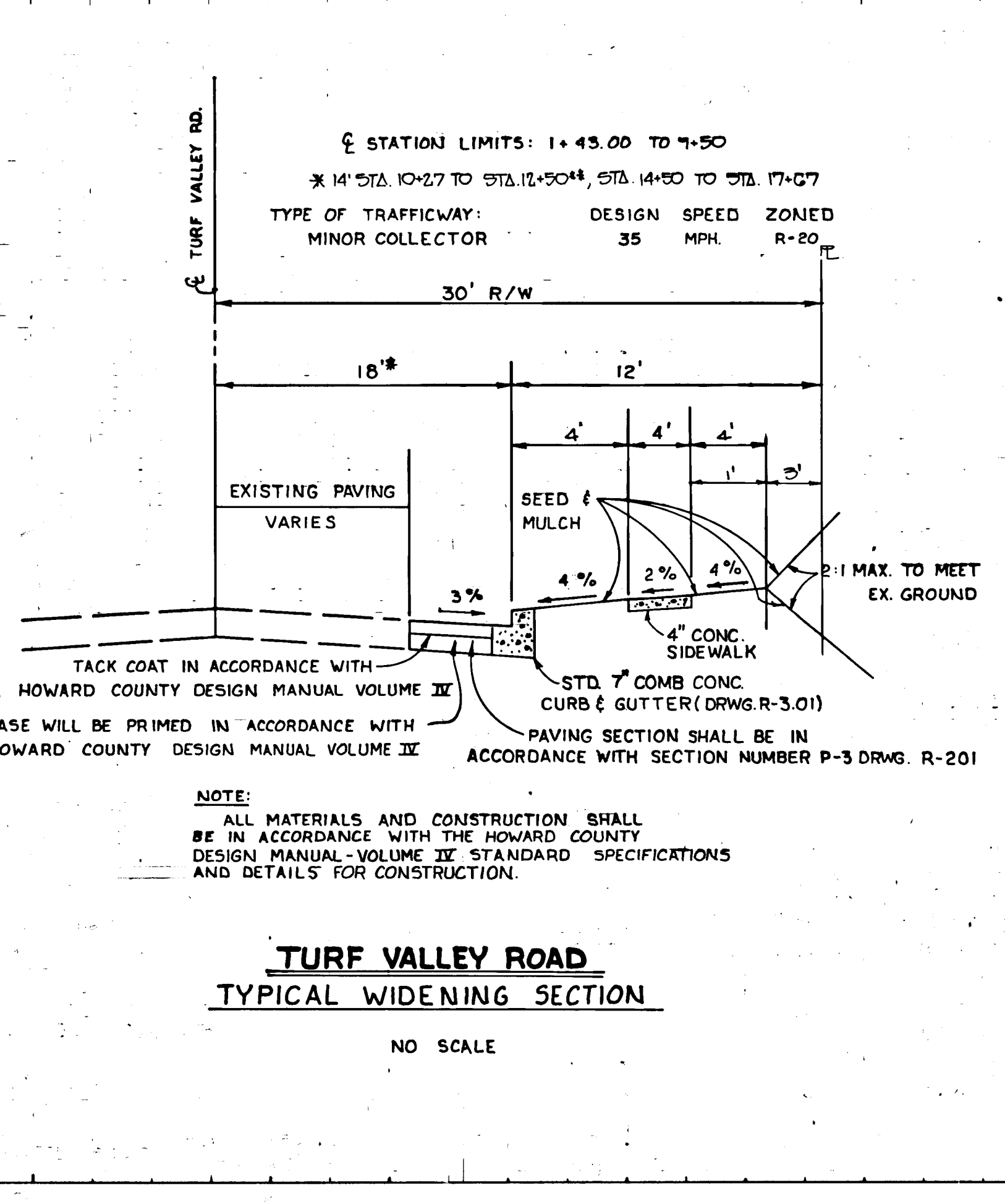
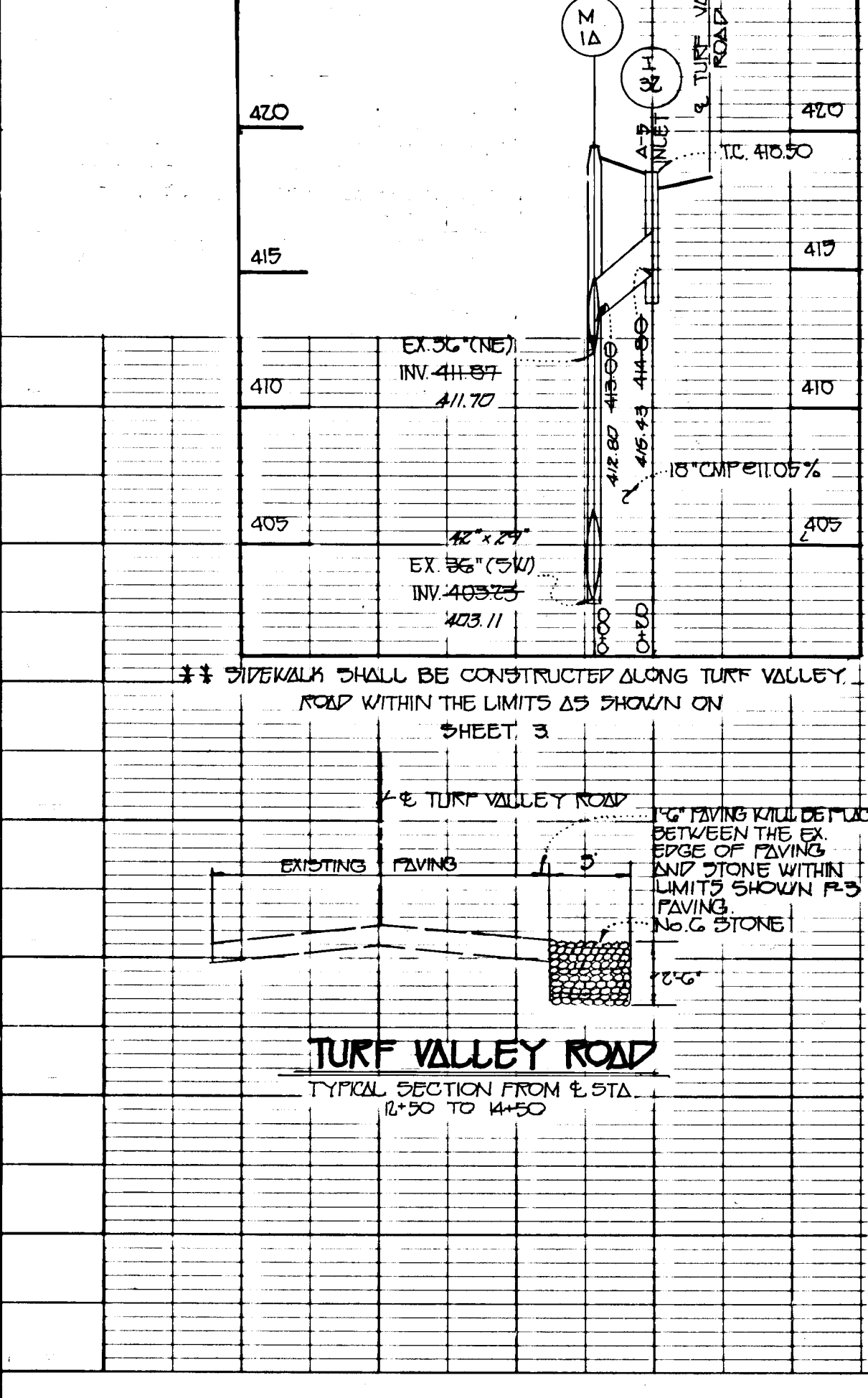
**TURF VALLEY OVERLOOK**  
 SECTION TWO AREA TWO  
 LOTS 339-345  
 SECOND ELECTION DISTRICT  
 HOWARD COUNTY, MD.

**TURF VALLEY ROAD PLAN**

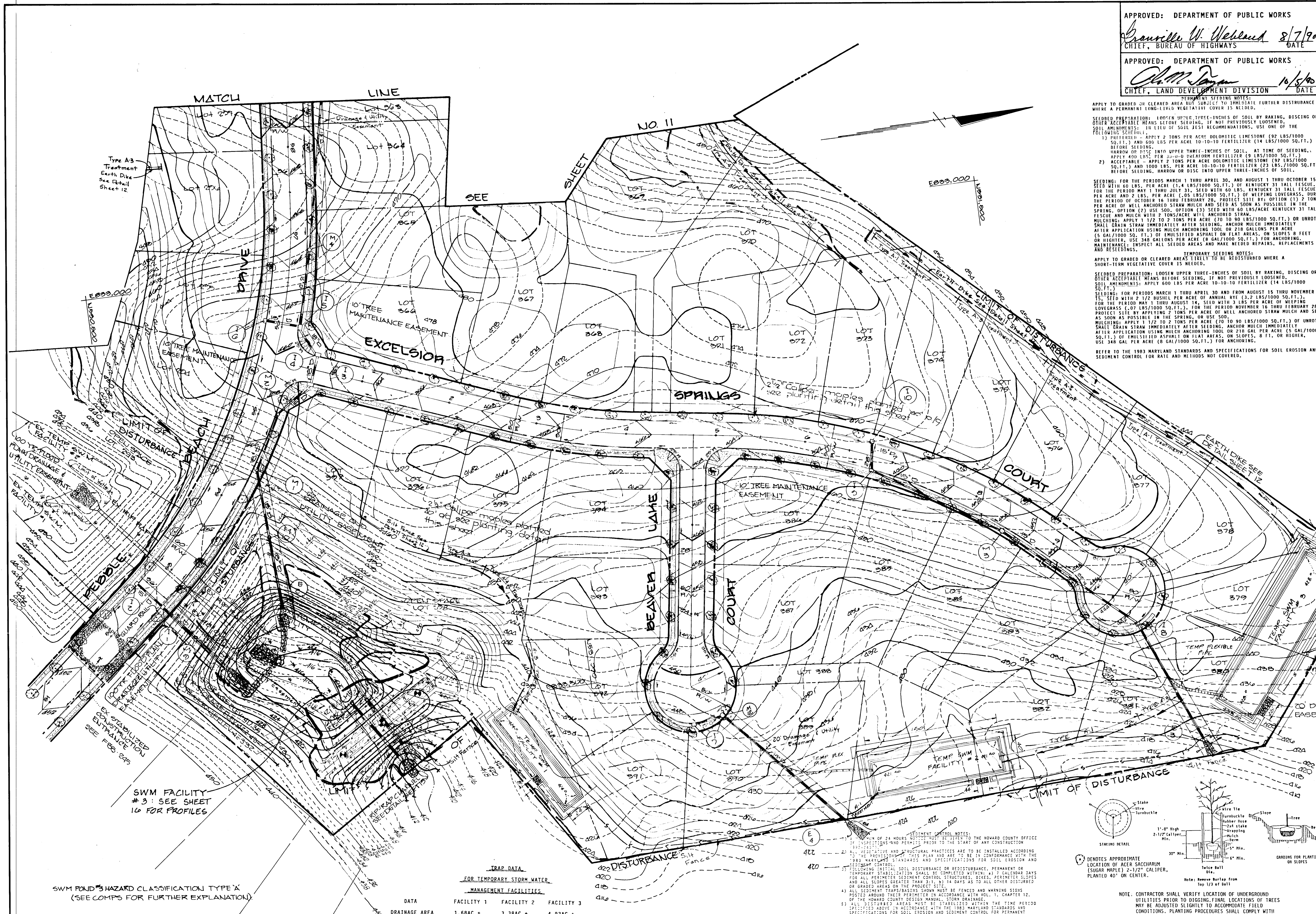
OWNER AND DEVELOPER  
 PEDDIGORD PROPERTY PARTNERSHIP  
 C/O LAND DESIGN AND DEVELOPMENT  
 8327 MAIN STREET  
 ELLICOTT CITY MD 21045

SCALE AS SHOWN DATE JUNE 23, 1991 DWG. NO. 9 OF 17  
 DES. R. ISAACS DRN. C. BAUER CHK. C. GROVO, SR.

**FISHER, COLLINS AND CARTER, INC.**  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21045







APPROVED: DEPARTMENT OF PUBLIC WORKS  
*Granville W. Wetland* 8/7/90  
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*Chas M. Ryan* 10/5/90  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

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.  
*Chas M. Ryan* 6/25/89  
 SIGNATURE OF ENGINEER 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 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."  
*James M. Ryan (C.S.)* 6/27/89  
 SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*James M. Ryan (C.S.)* 7/13/90  
 U.S. SOIL CONSERVATION DISTRICT DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
*Robert W. Zickman (C.S.)* 7/18/90  
 DISTRICT DATE  
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPT. OF PLANNING AND ZONING  
*Frank J. Campbell* 11/1/90  
 CHIEF, DIVISION OF COMMUNITY DATE  
 PLANNING AND LAND DEVELOPMENT

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*Granville W. Wetland* 10/19/90  
 CHIEF, BUREAU OF ENGINEERING DATE

PERMANENT SEEDING NOTES:  
 APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LEIVED VEGETATIVE COVER IS NEEDED.

SEEDBED 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) FERTILIZER: 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.  
 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.

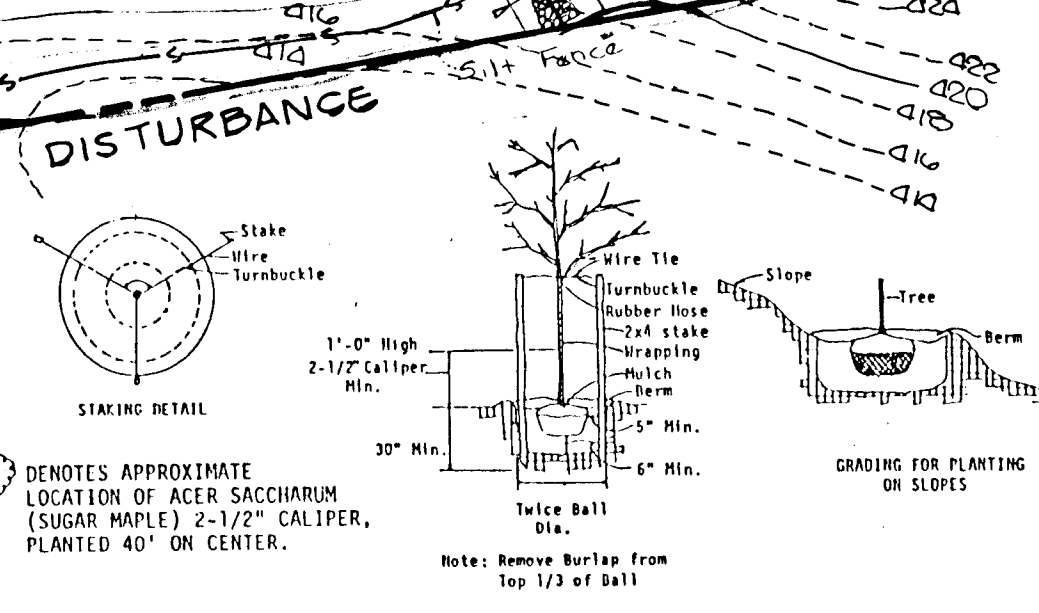
SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 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 SOD; OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 1 TONS/ACRE WELL ANCHORED STRAW.  
 MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN 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 FEET OR HIGHER, USE 340 GALLONS PER ACRE (6 GAL/1000 SQ. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

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

SEEDBED 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 FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 1 1/2 TONS PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (6 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 SOD.  
 MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRAIN 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 HIGHER, USE 340 GAL PER ACRE (6 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.



STREET TREE LOCATION DATA

PAVING WIDTH	MIN. DISTANCE FROM TREE TO SIDE WALK
28'	15'
30'	1'
36'	5.5'

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  
 PEDDICORD PROPERTIES PART  
 C/O LAND DESIGN AND DEVELOPMENT, INC.  
 6307 LAMIN STREET  
 ELLICOTT CITY, MD. 21043

STREET TREE, GRADING AND SEDIMENT CONTROL PLAN  
 TURF VALLEY OVERLOOK  
 SECTION TWO AREA TWO  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' DATE: NOV 4 1988  
 SHEET 10 OF 17

TRAP DATA  
 FOR TEMPORARY STORM WATER MANAGEMENT FACILITIES

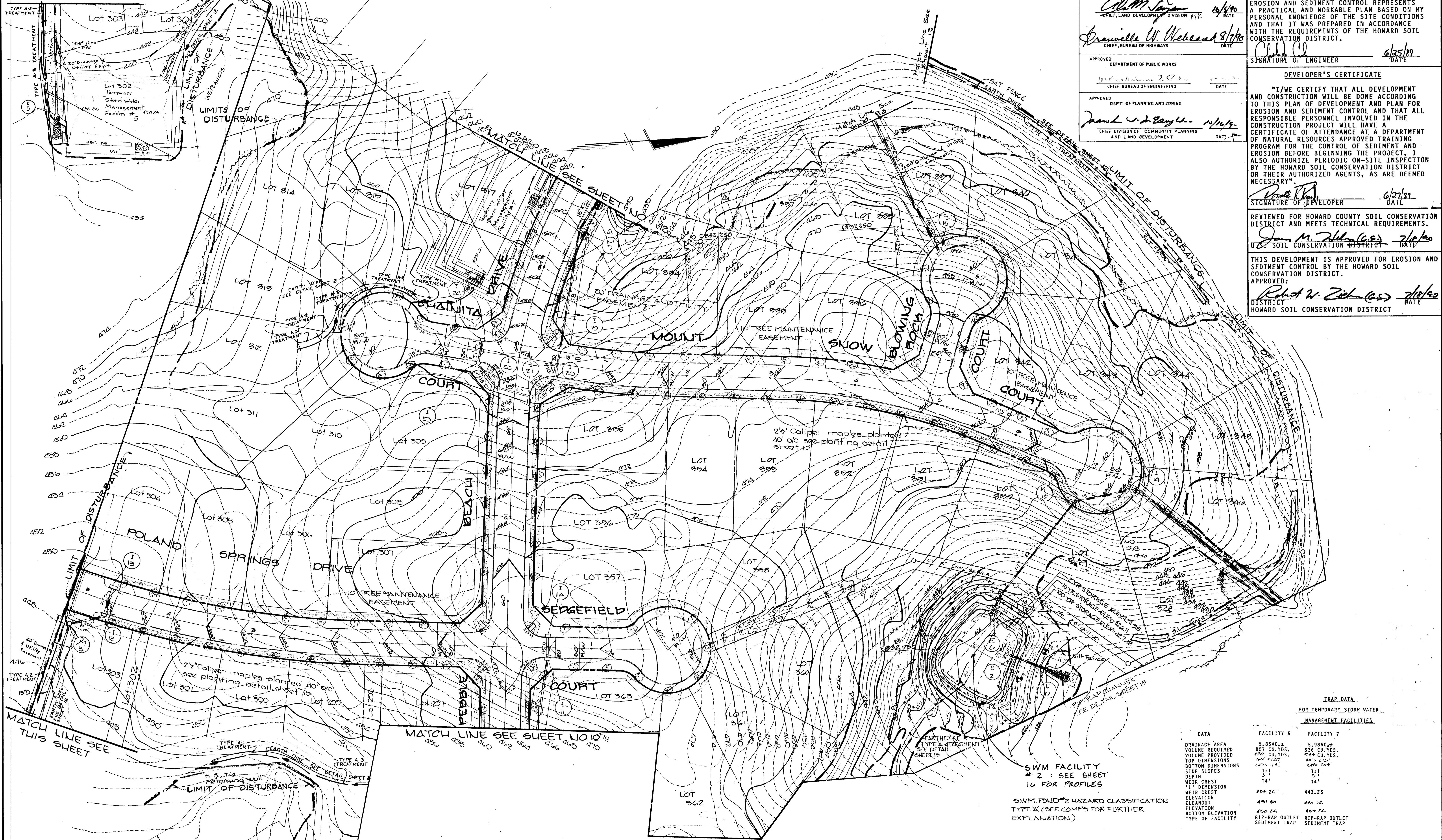
DATA	FACILITY 1	FACILITY 2	FACILITY 3
DRAINAGE AREA	1.68AC.±	3.38AC.±	4.93AC.±
VOLUME REQUIRED	290 CU. YDS.	597 CU. YDS.	887 CU. YDS.
VOLUME PROVIDED	299 CU. YDS.	606 CU. YDS.	894 CU. YDS.
TOP DIMENSIONS	24'x128"	40'x150"	46'x140"
BOTTOM DIMENSIONS	18'x128"	34'x144"	40'x134"
SIDE SLOPES	1:1	1:1	1:1
DEPTH	3'	3'	3'
WEIR CREST	8"	14"	20"
WEIR CREST ELEVATION	424.00	425.50	432.00
CLEANOUT	426.50	423.00	429.50
ELEVATION	424.00	421.50	428.00
BOTTOM ELEVATION	424.00	421.50	428.00
TYPE OF FACILITY	STONE OUTLET	STONE OUTLET	STONE OUTLET
	SEDIMENT TRAP	SEDIMENT TRAP	SEDIMENT TRAP

PLAN  
 Scale: 1"=50'

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



MATCH LINE SEE THIS SHEET



APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Adam Taylor*  
 CHIEF, LAND DEVELOPMENT DIVISION 11/15/89  
 DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Gravelle W. Weiland*  
 CHIEF, BUREAU OF HIGHWAYS 8/1/89  
 DATE

APPROVED  
 DEPT. OF PLANNING AND ZONING  
*Paul J. Bayliss*  
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT 11/14/89  
 DATE

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.  
*Cliff C. [Signature]*  
 SIGNATURE OF ENGINEER 6/25/89  
 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 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."  
*Robert W. [Signature]*  
 SIGNATURE OF DEVELOPER 6/27/89  
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*James M. [Signature]*  
 U.S. SOIL CONSERVATION DISTRICT 7/16/89  
 DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED:  
*Robert W. [Signature]*  
 DISTRICT HOWARD SOIL CONSERVATION DISTRICT 7/16/89  
 DATE

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

NUM.	DATE	DESCRIPTION
1	3/25/89	REVISED GRADING ON LOTS 334 & 337

PLAN  
 Scale: 1"=50'



OWNER AND DEVELOPER  
 PEDDICORD PROPERTY PART.  
 C/O LAND DESIGN AND DEVELOPMENT INC.  
 2567 MAIN ST.  
 ELLICOTT CITY MD. 21043

TRAP DATA  
 FOR TEMPORARY STORM WATER MANAGEMENT FACILITIES.

DATA	FACILITY 5	FACILITY 7
DRAINAGE AREA	5,864 sq. ft.	5,984 sq. ft.
VOLUME REQUIRED	807 CU. YDS.	936 CU. YDS.
VOLUME PROVIDED	820 CU. YDS.	746 CU. YDS.
TOP DIMENSIONS	44' x 112'	44' x 210'
BOTTOM DIMENSIONS	44' x 112'	44' x 210'
SIDE SLOPES	1:1	1:1
DEPTH	14'	14'
WEIR CREST 'L' DIMENSION	434.24'	443.25'
WEIR CREST ELEVATION	491.60'	490.76'
CLEANOUT ELEVATION	490.76'	489.76'
BOTTOM ELEVATION	489.76'	489.76'
TYPE OF FACILITY	RIP-RAP OUTLET SEDIMENT TRAP	RIP-RAP OUTLET SEDIMENT TRAP

STREET TREE, GRADING AND SEDIMENT CONTROL PLAN  
 TURF VALLEY OVERLOOK  
 SECTION TWO AREA TWO  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1"=50' NOVEMBER 11, 1989  
 SHEET 11 OF 17



- CONSTRUCTION SEQUENCE**
1. SEDIMENT CONTROL MEASURES ARE TO BE REMOVED ONLY AFTER RECEIVING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR.
  2. OBTAIN GRADING PERMIT.
  3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE, STORM WATER MANAGEMENT PONDS AND TEMPORARY STORM WATER MANAGEMENT FACILITIES AS SHOWN. STABILIZE THE STORM WATER MANAGEMENT PONDS AND TEMPORARY STORM WATER MANAGEMENT FACILITIES WITH TEMPORARY SEEDING. INSTALL EARTH DIKES AS SHOWN ON PLAN.
  4. GRADE ROADS TO SUBGRADE.
  5. CONSTRUCT STORM DRAIN SYSTEM.
  6. 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.
  7. SEDIMENT SHALL BE REMOVED FROM THE STORM WATER MANAGEMENT PONDS AND TEMPORARY STORM WATER MANAGEMENT FACILITIES WHEN THE CLEANOUT ELEVATIONS HAVE BEEN REACHED.
  8. THE TEMPORARY STORM WATER MANAGEMENT FACILITIES AND STORM WATER MANAGEMENT PONDS SHALL BE DEMATERED BY PUMPING.
  9. REMOVE SEDIMENT FROM ROADWAYS AND DRESS STONE CONSTRUCTION ENTRANCE AS REQUIRED.
  10. FLUSH STORM DRAIN SYSTEM TO REMOVE ANY TRAPPED SEDIMENT.
  11. REMOVE STONE CONSTRUCTION ENTRANCE, CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE.
  12. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
  13. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A) 7 CALENDAR DAYS FOR PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
  14. COMPLETE STABILIZATION OF ALL DISTURBED AREAS SHALL BE DONE PRIOR TO REMOVAL OF ALL SEDIMENT CONTROLS.
  15. NOTIFY HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS FOR FINAL INSPECTION AT DURATION OF PROJECT.

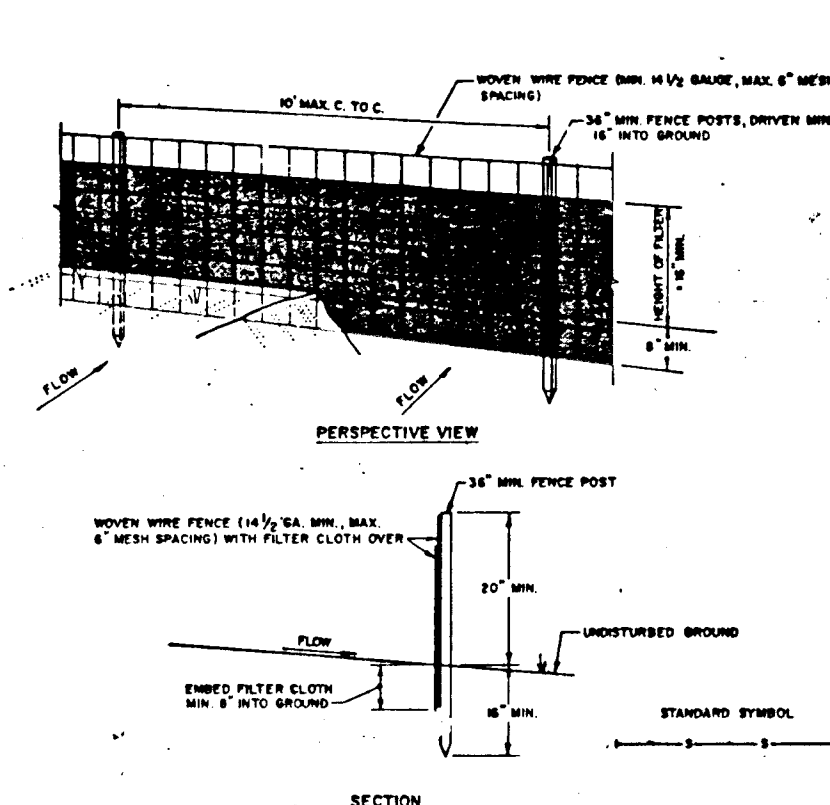
**STORMWATER MANAGEMENT FACILITIES**

POND NO.	CLEANOUT ELEVATION
1	417.43
2	424.50
3	419.95

**TRAP DATA**  
**FOR TEMPORARY STORM WATER**

**MANAGEMENT FACILITIES**

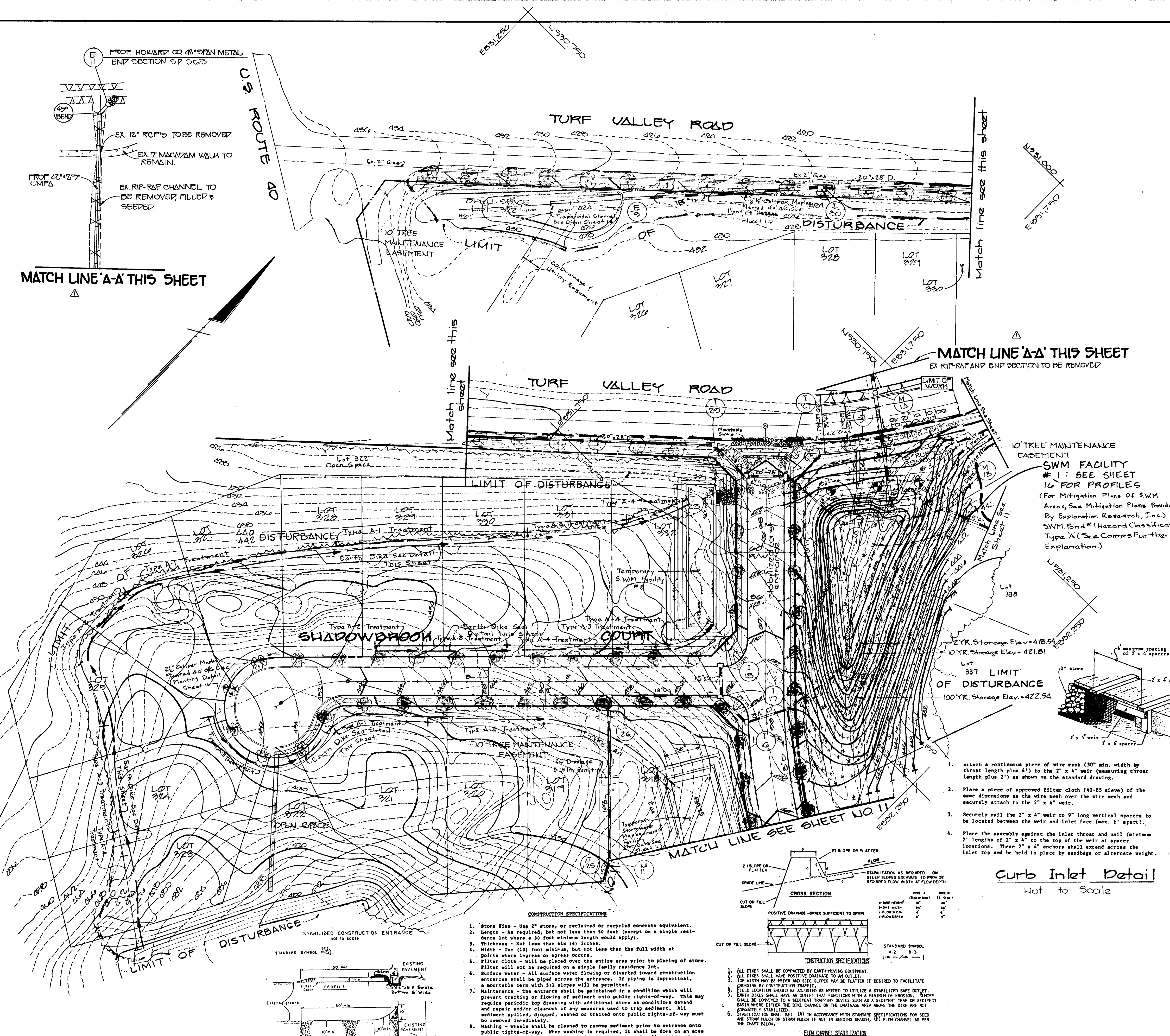
DATA	FACILITY B
DRAINAGE AREA	2,344.4 ±
VOLUME REQUIRED	419 CU. YDS.
VOLUME PROVIDED	424 CU. YDS.
TOP DIMENSIONS	30' X 144'
BOTTOM DIMENSIONS	24' X 138'
SIDE SLOPES	1:1
DEPTH	3'
WEIR CREST	10'
'11' DIMENSION	
WEIR ELEVATION	429.00
CLEANOUT ELEVATION	426.50
BOTTOM ELEVATION	425.00
STONE OUTLET	SEDIMENT TRAP



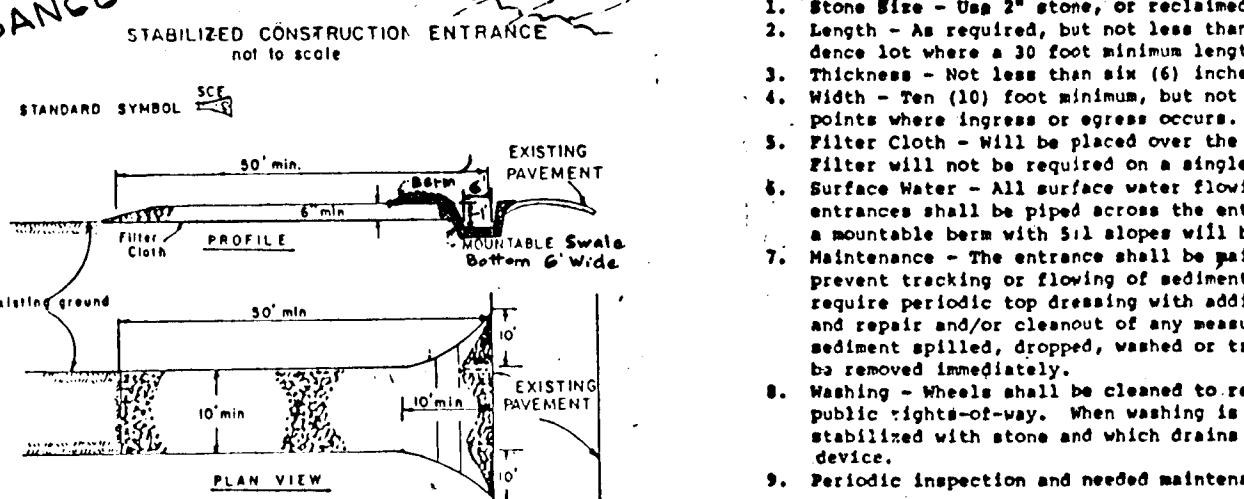
- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
1. MONY WIRE FENCE TO BE FASTENED REGULARLY TO EXISTING POSTS WITH WIRE TIES OR STAPLES.
  2. FILTER CLOTH TO BE FASTENED REGULARLY TO MONY WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND RECORDED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**Silt Fence**  
Not to Scale

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

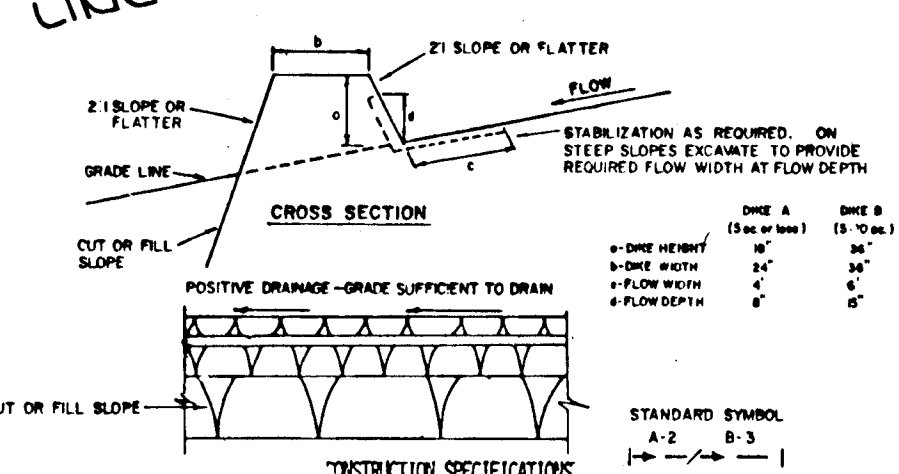


**Stabilized Construction Entrance**  
Not to Scale



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - One 3" stone, or crushed or recycled concrete equivalent.
  2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
  3. Thickness - Not less than six (6) inches.
  4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
  5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
  6. Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3:1 slope will be permitted.
  7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
  9. Periodic inspection and needed maintenance shall be provided after each rain.

**Curb Inlet Detail**  
Not to Scale



1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 2") as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6" apart).
4. Place the assembly against the inlet throat and nail (minimum 2" length of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the weir. Place clean 2" stones over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and cone replaced when clogged with sediment.
8. Assume that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

**FLUM CHANNEL STABILIZATION**

TYPE OF TREATMENT	DIKE A	DIKE B
1	5-3.00	SEED AND STRAW PALM
2	3.1-5.00	SEED AND STRAW PALM
3	5.1-8.00	SEED WITH JUTE, OR SOY
4	8.1-200	LINED RIP-RAP 4-8"

**Earth Dike**  
Not to Scale

1. ALL DIKES SHALL BE CONSTRUCTED BY EARTH-MOVING EQUIPMENT.
2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. THE WIDTH MAY BE WIDER AND SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
4. FIELD LOCATION SHOULD BE RECORDED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. FLOWPUSH SHALL BE CONVERTED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT INSTANTLY STABILIZED.
6. STABILIZATION SHALL BE: A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW PALM OR STRAW PALM IF NOT IN SEEDING SEASON; B) FLUM CHANNEL AS PER THE DRAWING BELOW.

**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.

*Robert W. Zickler* 7/18/90  
SIGNATURE OF ENGINEER 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 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."

*Robert W. Zickler* 7/18/90  
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
*James M. Nelson* 7/18/90  
U.S. SOIL CONSERVATION DISTRICT DATE

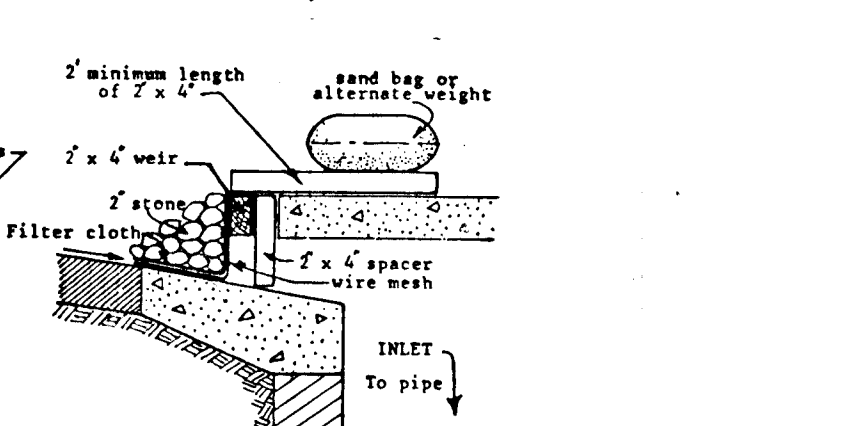
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
APPROVED:  
*Robert W. Zickler* 7/18/90  
DISTRICT HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPT. OF PLANNING AND ZONING  
*James M. Nelson* 7/18/90  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*James M. Nelson* 7/18/90  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*James M. Nelson* 8/7/90  
CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS  
*James M. Nelson* 8/7/90  
CHIEF, LAND DEVELOPMENT DIVISION DATE



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8. Assume that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

**STREET TREE, GRADING AND SEDIMENT CONTROL PLAN**  
**TURF VALLEY OVERLOOK**  
SECTION TWO AREA TWO  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1"=50' NOVEMBER 11, 1980  
SHEET 12 OF 17

**OWNER AND DEVELOPER**  
**PEDDICORD PROPERTY PART.**  
C/O LAND DESIGN AND DEVELOPMENT, INC.  
6907 MAIN ST.  
ELLCOTT CITY MD 21043

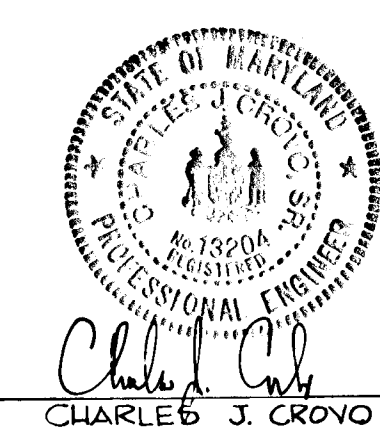
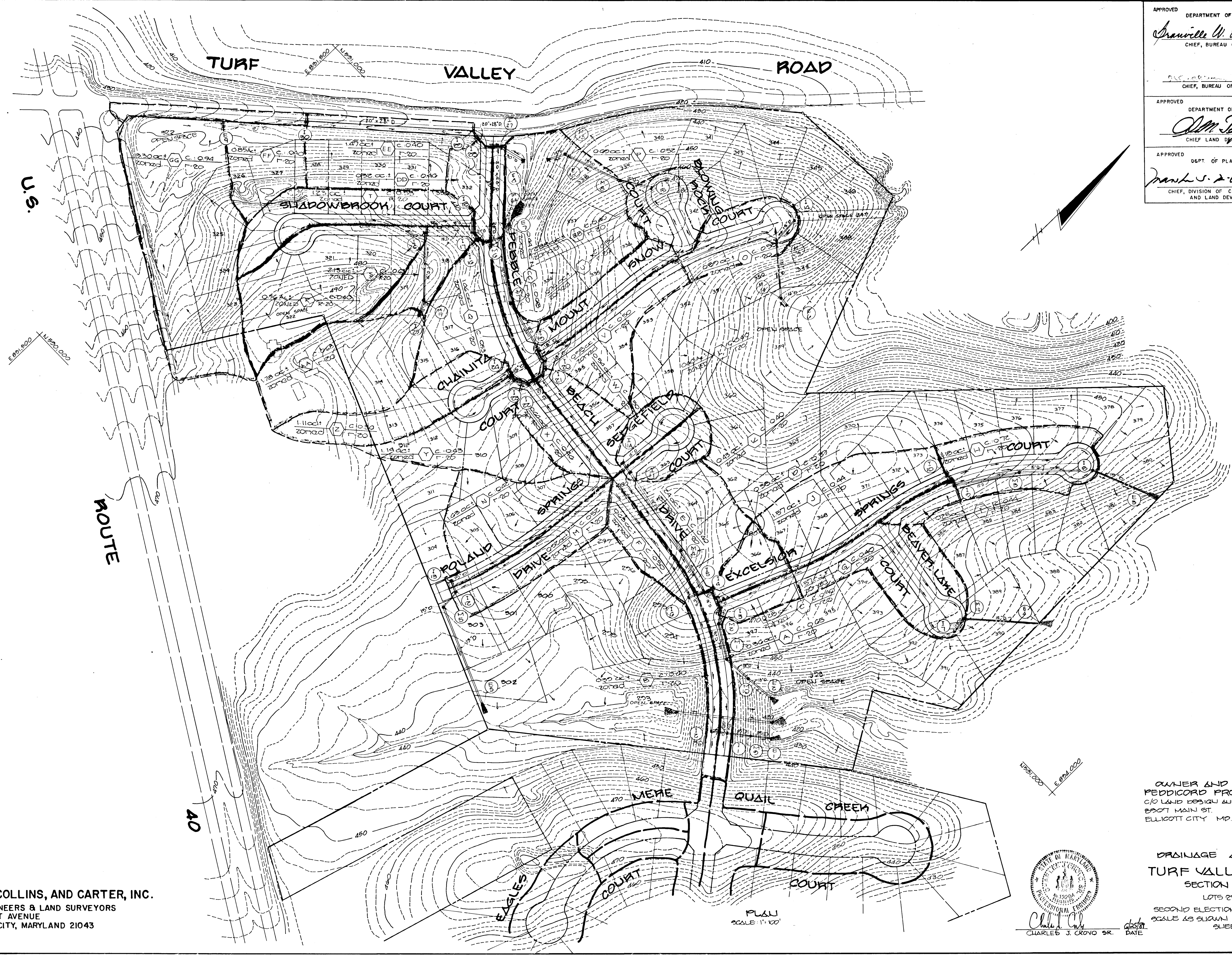


APPROVED DEPARTMENT OF PUBLIC WORKS  
*Arville W. Ueland* 8/7/90  
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED DEPARTMENT OF PUBLIC WORKS  
*John J. ...* 10/2/90  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED DEPARTMENT OF PUBLIC WORKS  
*John J. ...* 10/5/90  
 CHIEF LAND DEVELOPMENT DIVISION DATE

APPROVED DEPT. OF PLANNING AND ZONING  
*Frank S. ...* 10/6/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



*Charles J. Crovo*  
 CHARLES J. CROVO SR.  
 DATE

OWNER AND DEVELOPER  
 PEDDICORD PROPERTY PART.  
 C/O LAND DESIGN AND DEVELOPMENT, INC.  
 8907 MAIN ST.  
 ELLICOTT CITY, MD. 21043

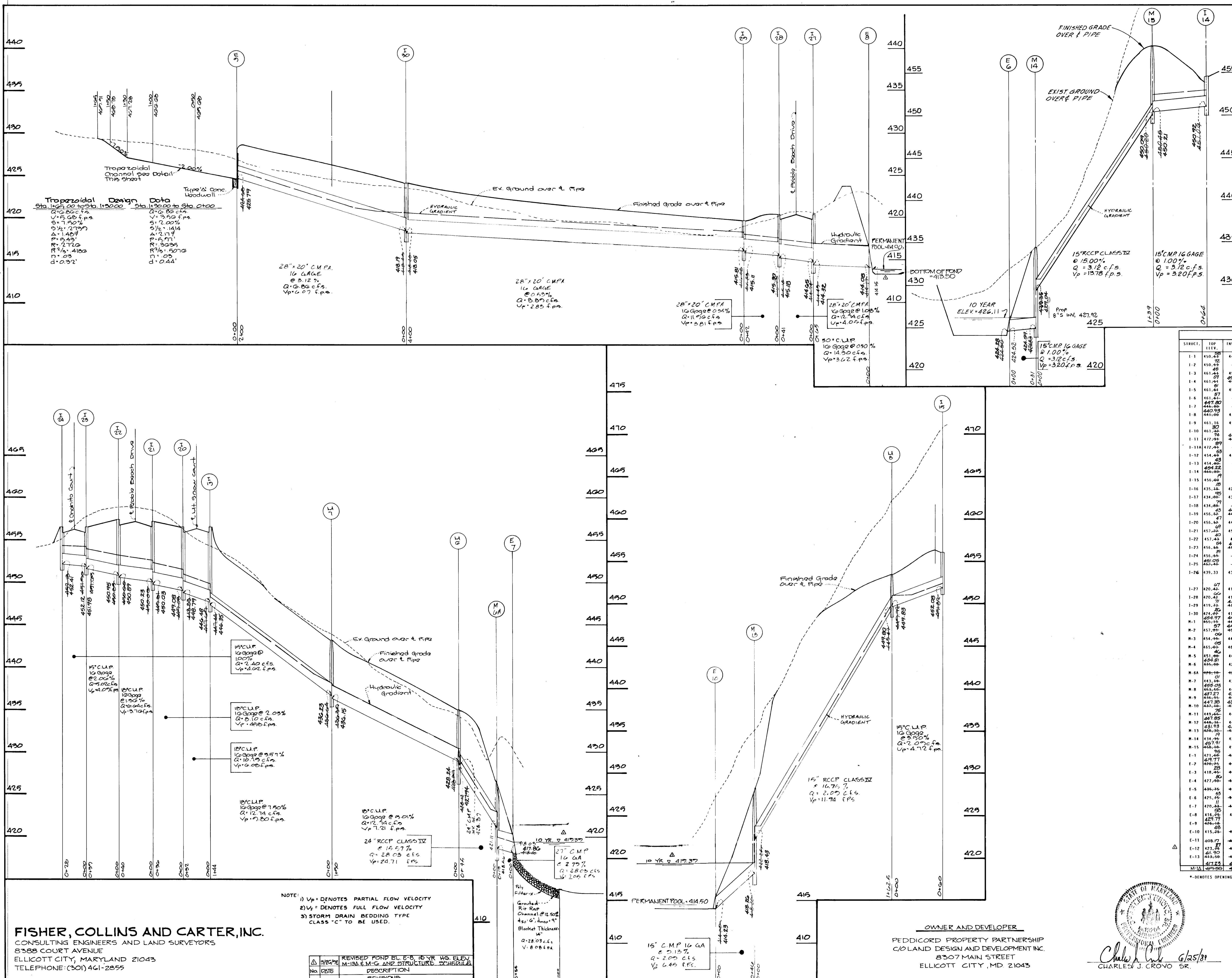
DRAINAGE AREA MAP  
 TURF VALLEY OVERLOOK  
 SECTION 2 AREA 2  
 LOTS 293-398  
 SECOND ELECTION DIST. HOWARD CO MD  
 SCALE AS SHOWN DATE: JUNE 23, 1988  
 SHEET 13 OF 17

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

PLAN  
 SCALE 1" = 100'

265



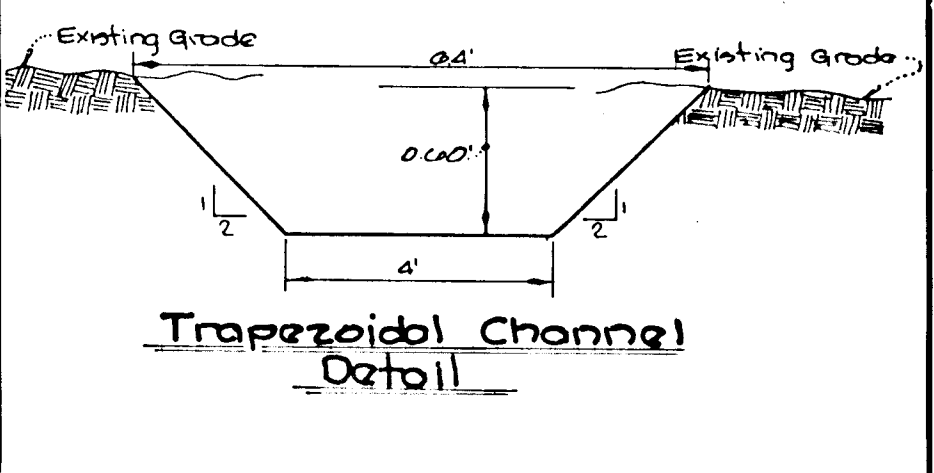


APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*Chas. M. [Signature]* 10/5/90  
 CHIEF, LAND DEVELOPMENT DIVISION DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*William W. [Signature]* 8/7/90  
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED  
 DEPT. OF PLANNING AND ZONING  
*[Signature]* 1/26/90  
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE



STATION	TOP ELEV.	INV. IN.	INV. OUT.	ROAD	SCHEDULE	OFFSET	TYPE	REMARKS
1-1	450.25	54	447.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01A
1-2	450.25	77	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01B
1-3	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01C
1-4	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01D
1-5	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01E
1-6	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01F
1-7	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01G
1-8	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01H
1-9	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01I
1-10	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01J
1-11	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01K
1-12	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01L
1-13	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01M
1-14	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01N
1-15	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01O
1-16	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01P
1-17	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01Q
1-18	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01R
1-19	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01S
1-20	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01T
1-21	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01U
1-22	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01V
1-23	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01W
1-24	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01X
1-25	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01Y
1-26	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.01Z
1-27	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02A
1-28	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02B
1-29	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02C
M-1	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02D
M-2	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02E
M-3	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02F
M-4	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02G
M-5	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02H
M-6	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02I
M-7	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02J
M-8	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02K
M-9	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02L
M-10	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02M
M-11	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02N
M-12	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02O
M-13	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02P
M-14	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02Q
M-15	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02R
E-1	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02S
E-2	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02T
E-3	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02U
E-4	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02V
E-5	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02W
E-6	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02X
E-7	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02Y
E-8	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.02Z
E-9	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.03A
E-10	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.03B
E-11	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.03C
E-12	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.03D
E-13	451.25	55	446.25	PERL BEACH DRIVE	52+05.00	RT.10'	A-5 W/ DEFLECTORS	S.D.-4.03E

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

NOTE: 1) Vp - DENOTES PARTIAL FLOW VELOCITY  
 2) V - DENOTES FULL FLOW VELOCITY  
 3) STORM DRAIN BEDDING TYPE CLASS 'C' TO BE USED.

NO.	DATE	REVISIONS
1	8/26/90	REVISED POND BL. ELEV. TO 422.50 AND STRUCTURE SCHEDULE
2	9/10/90	REVISED POND BL. ELEV. TO 422.50 AND STRUCTURE SCHEDULE

OWNER AND DEVELOPER  
 PEDDICORD PROPERTY PARTNERSHIP  
 C/O LAND DESIGN AND DEVELOPMENT INC.  
 8307 MAIN STREET  
 ELLICOTT CITY, MD 21043

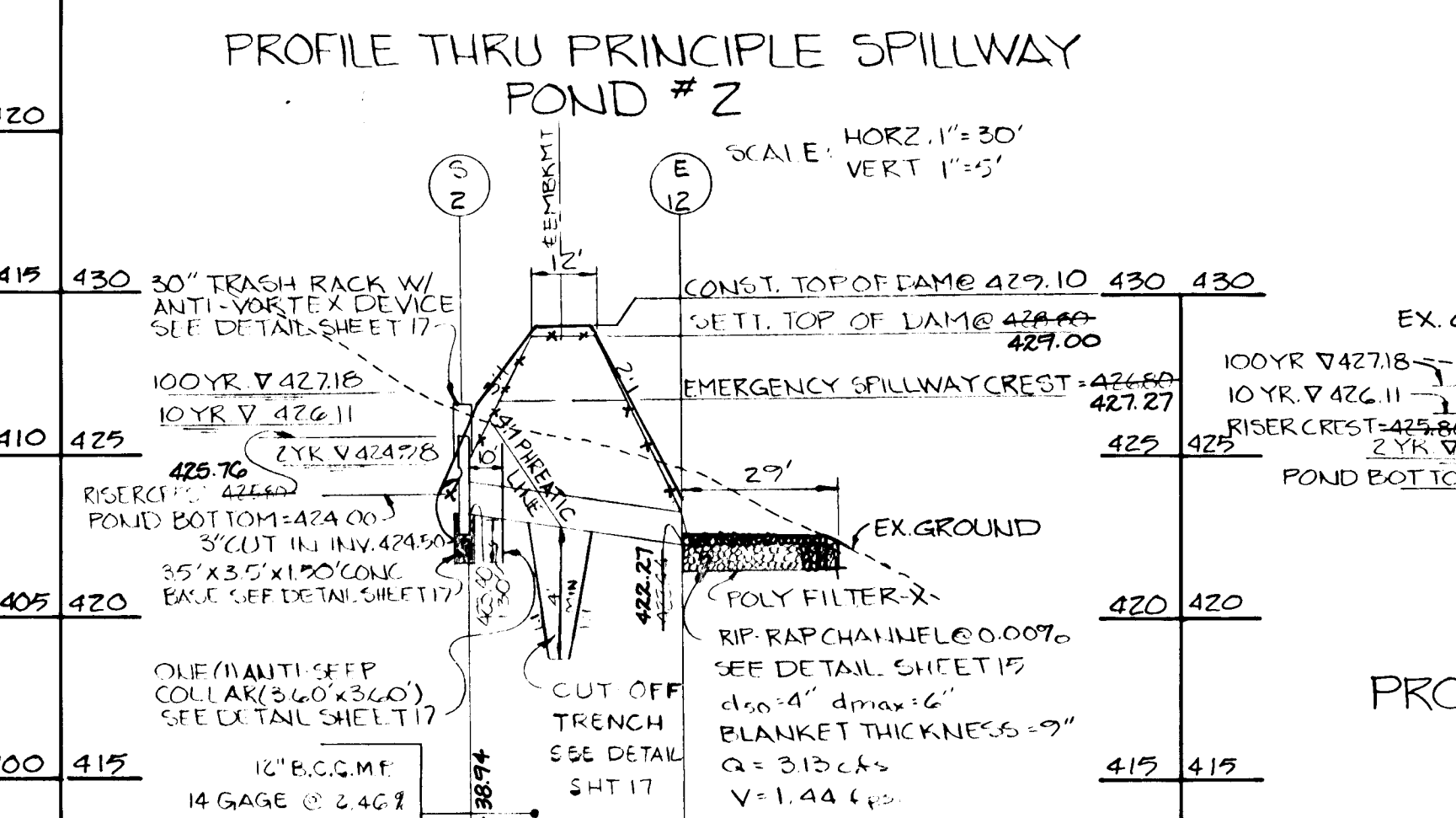
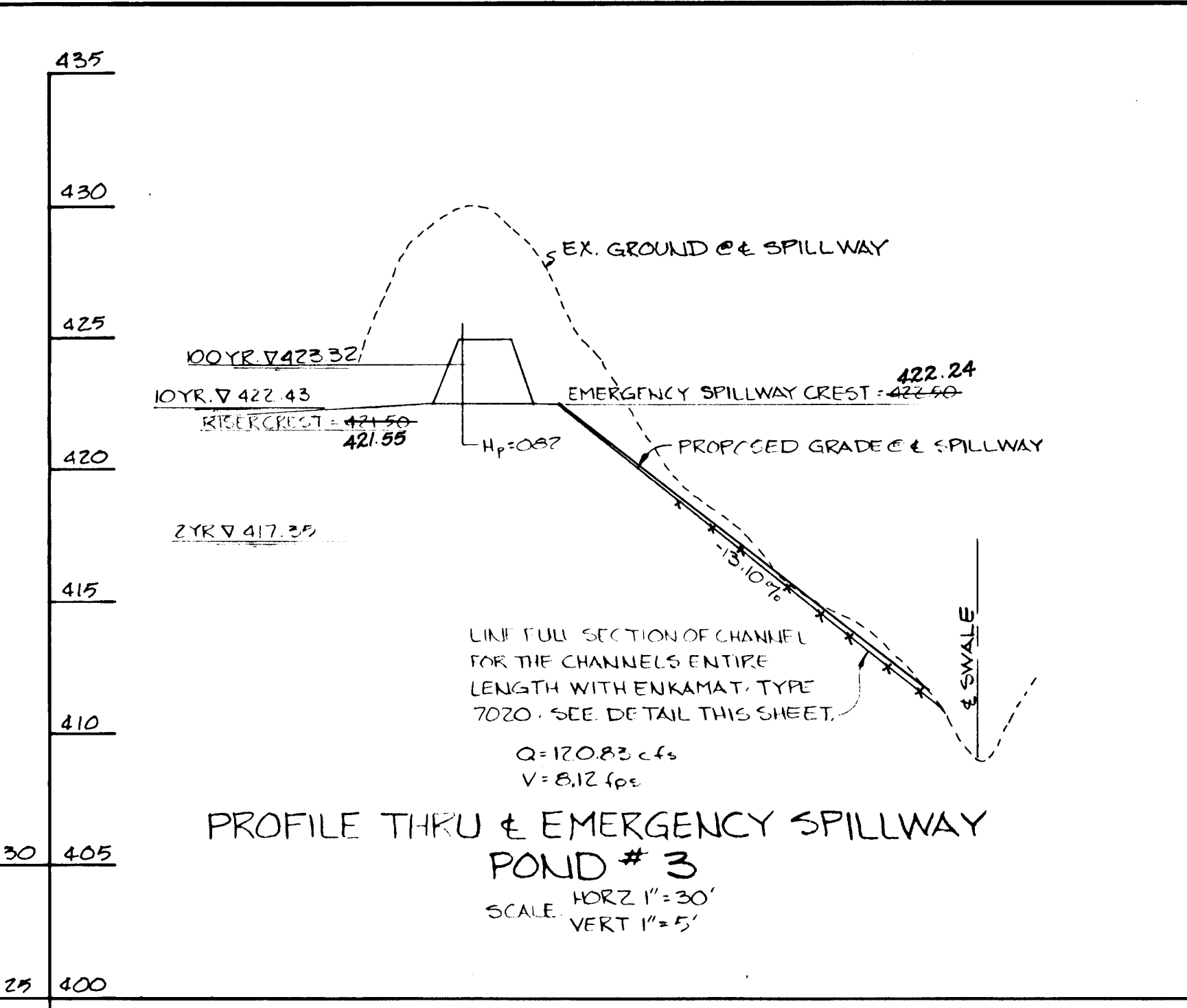
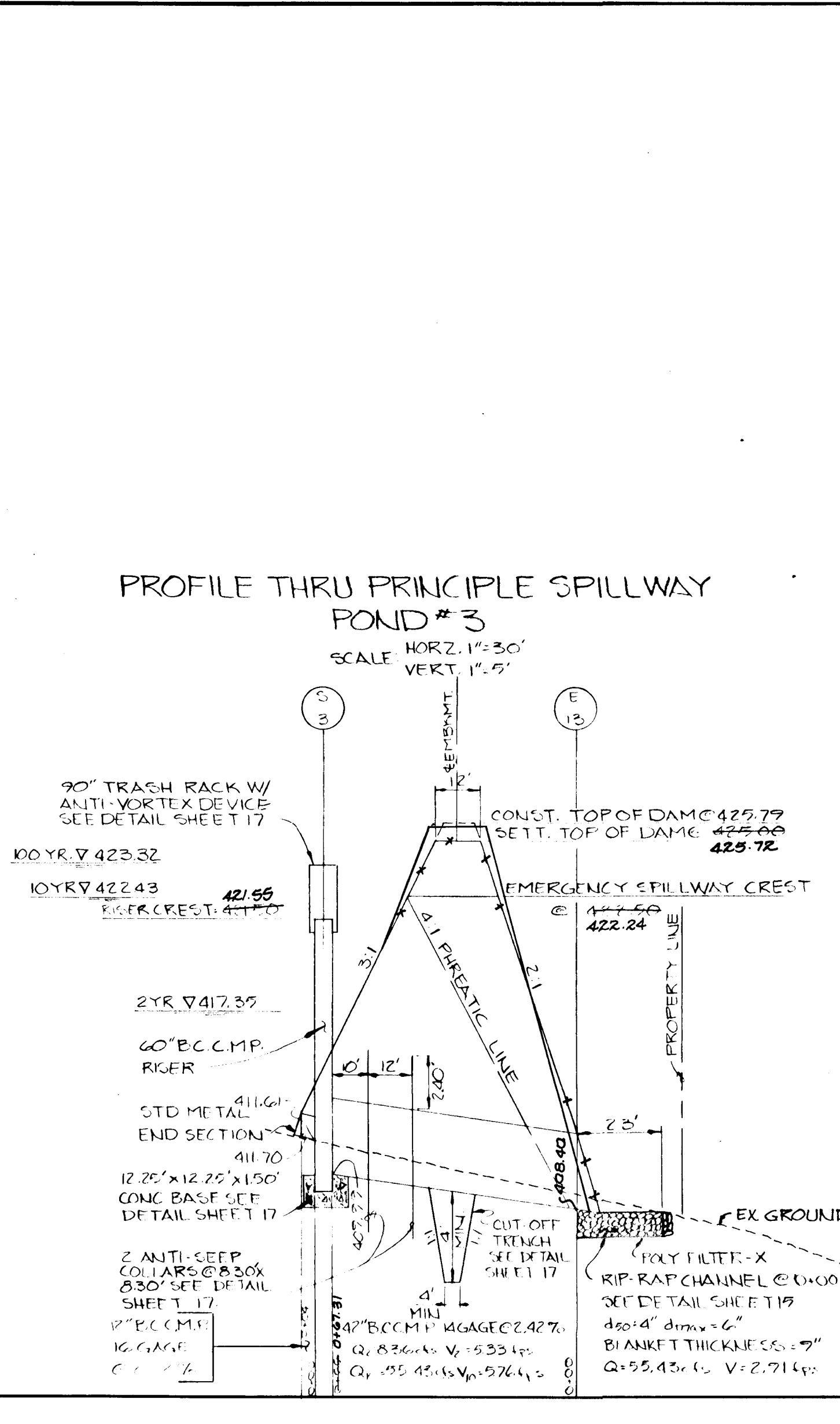
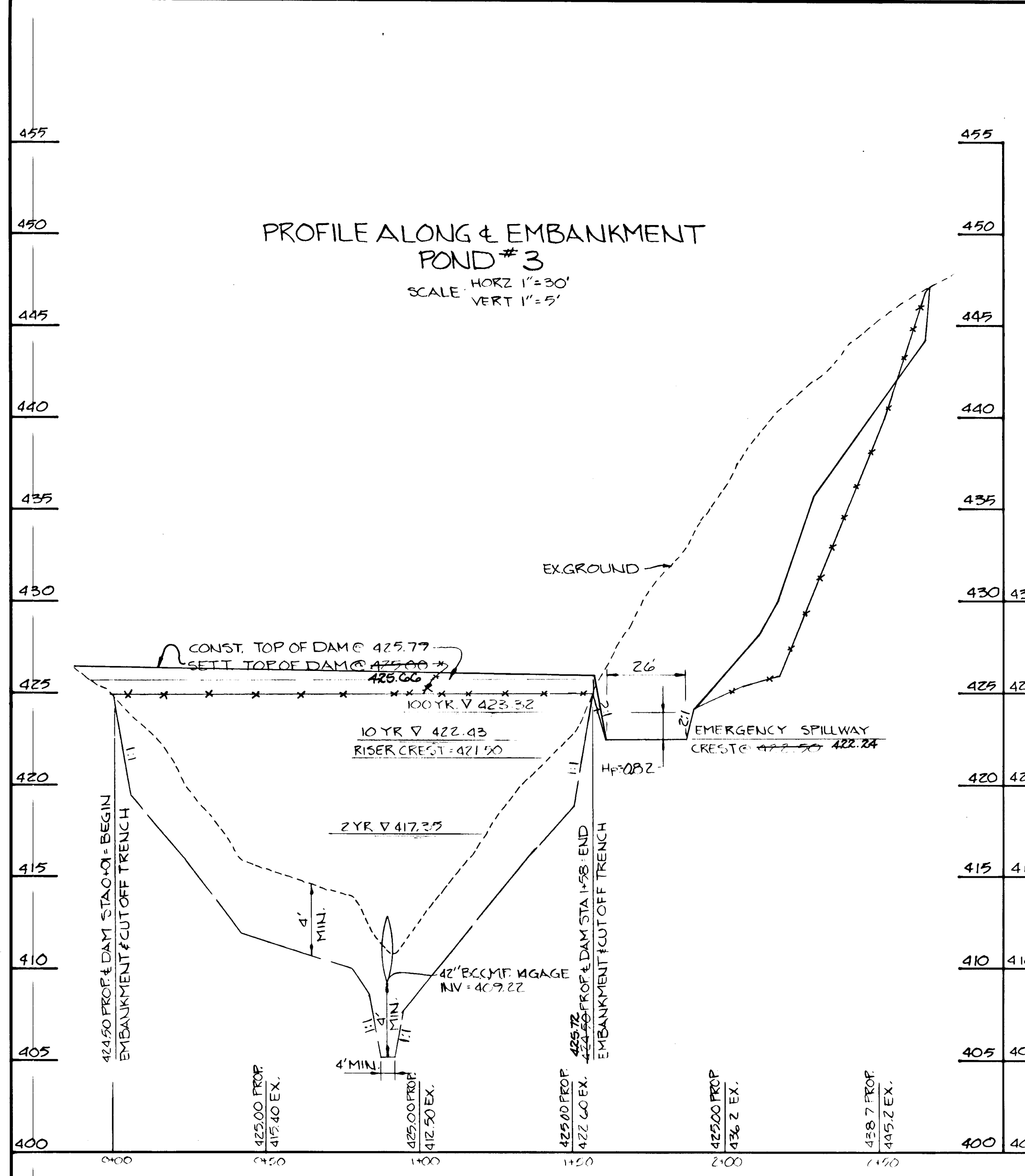


STORM DRAIN PROFILES  
**TURF VALLEY OVERLOOK**  
 SECTION TWO AREA TWO  
 2nd ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE AS SHOWN JUNE 23/1989  
 SHEET 14 OF 17









**STORM WATER MANAGEMENT POND CERTIFICATION AND APPROVAL**

**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."

*Charles J. Crovo* 6/27/89  
SIGNATURE OF DEVELOPER DATE

**ENGINEER'S CERTIFICATE**

"I CERTIFY THAT THIS PLAN FOR POND CONSTRUCTION, EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN 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 J. Crovo* 6/25/89  
SIGNATURE OF ENGINEER 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.

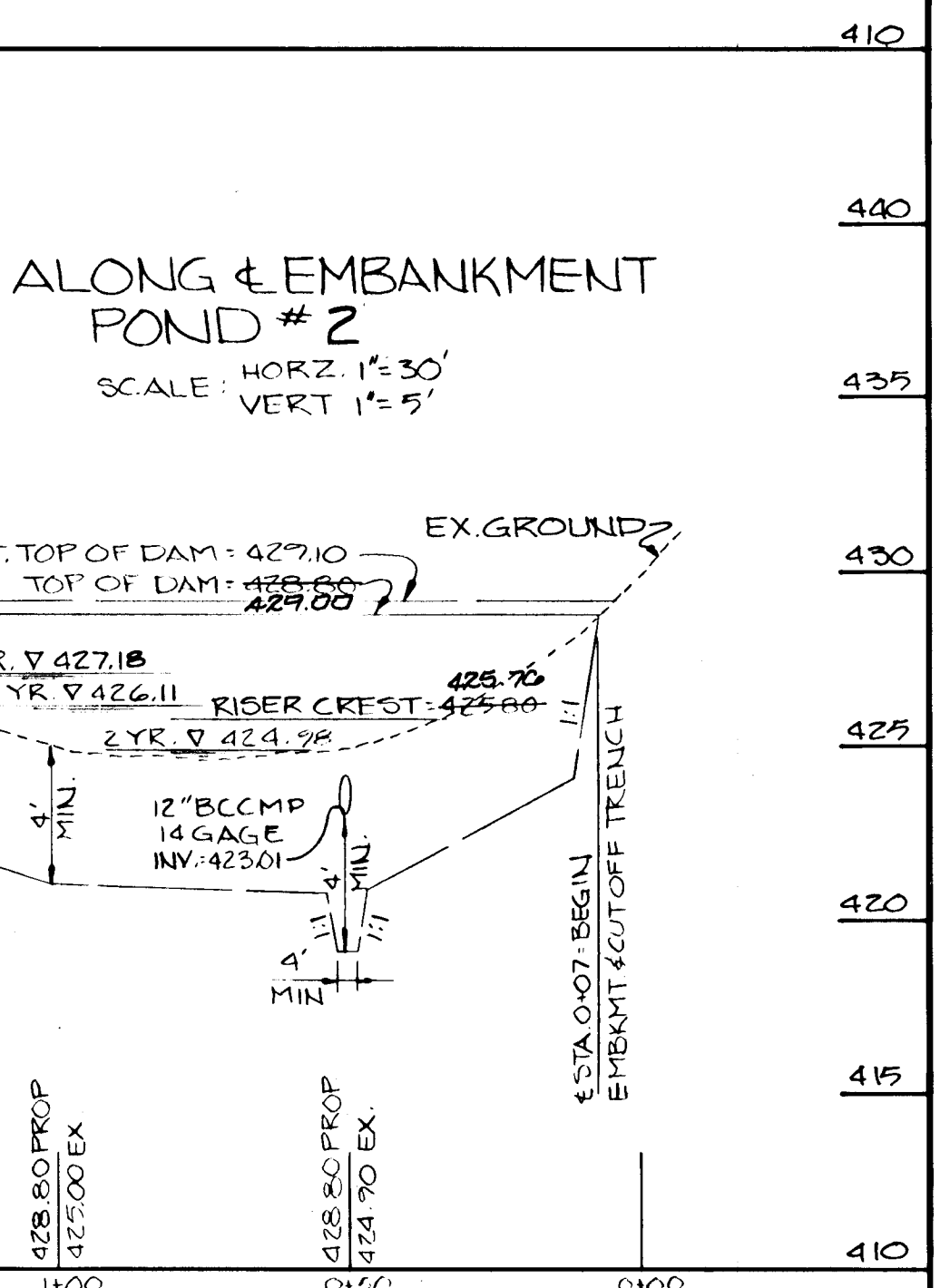
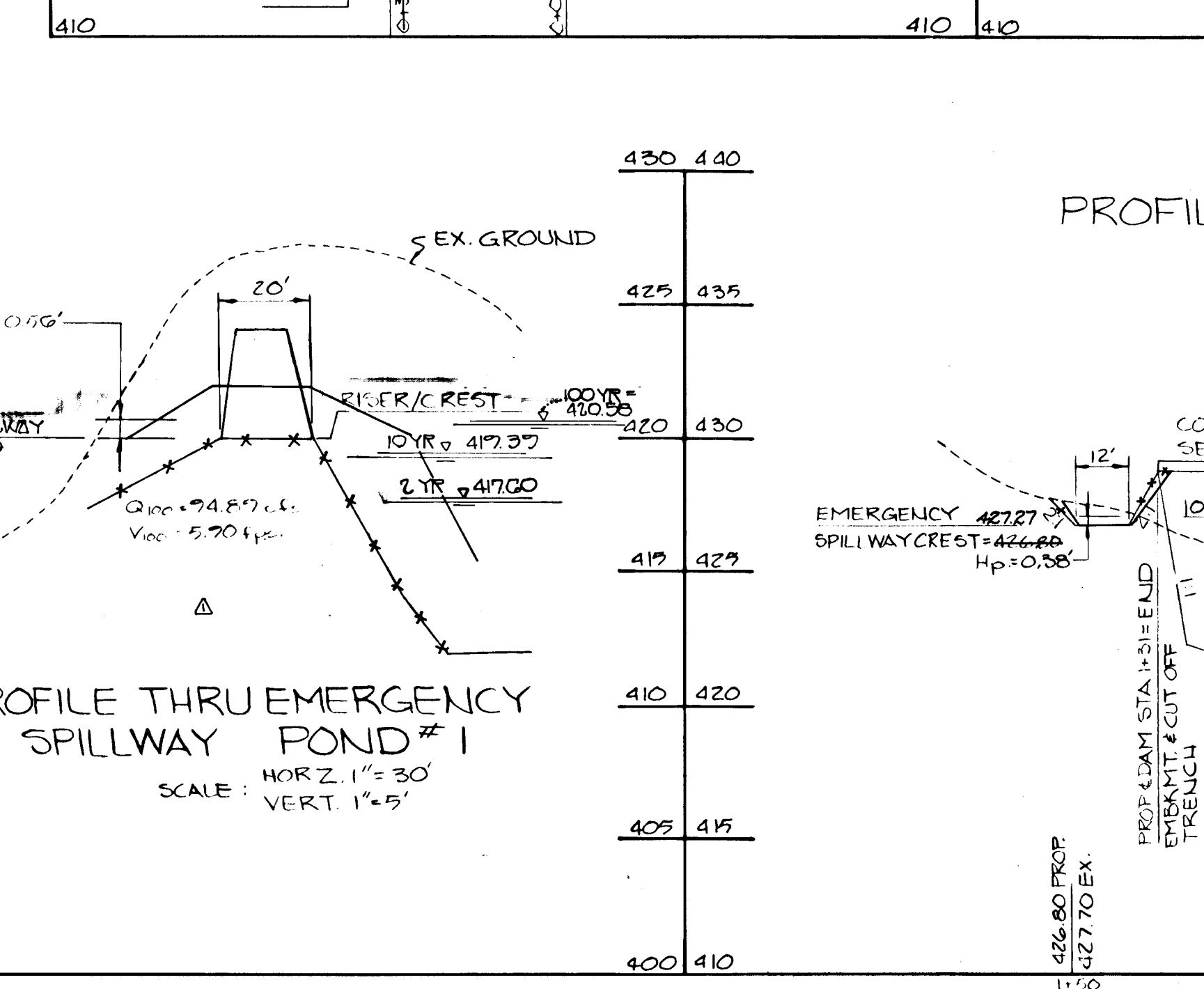
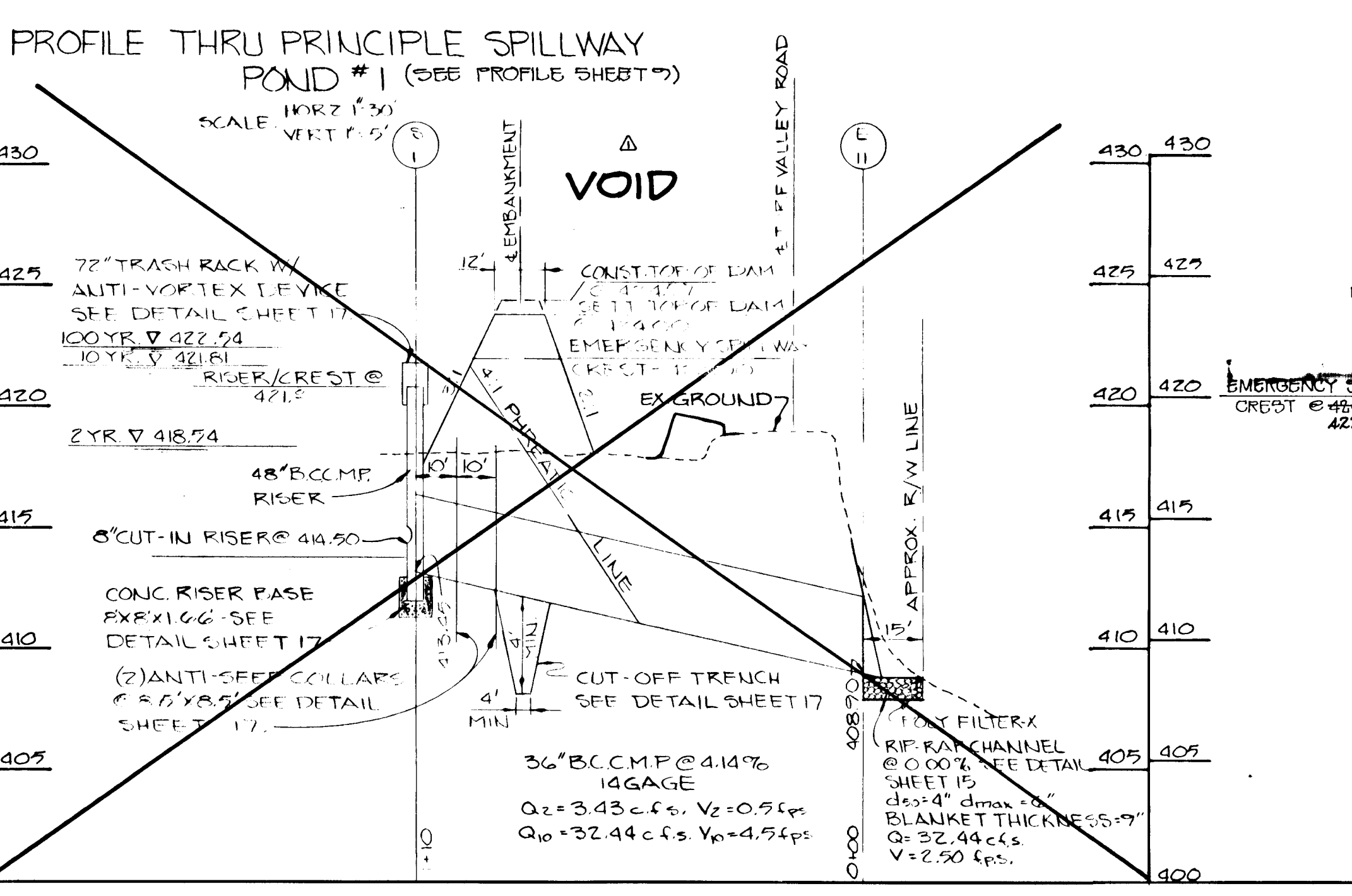
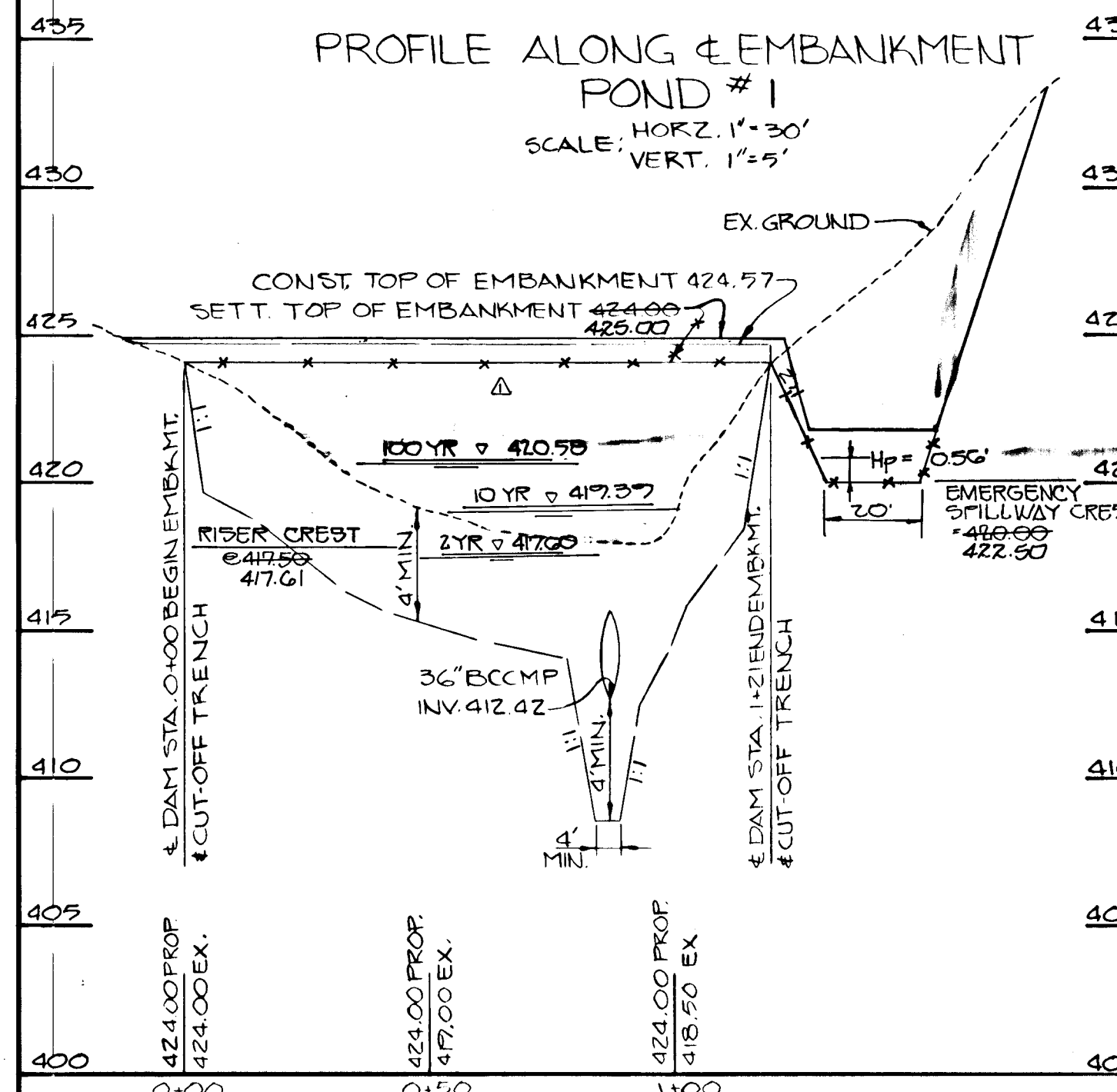
*John W. Zick* (ES) 7/18/90  
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Mark J. Langh* 1/16/91  
CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

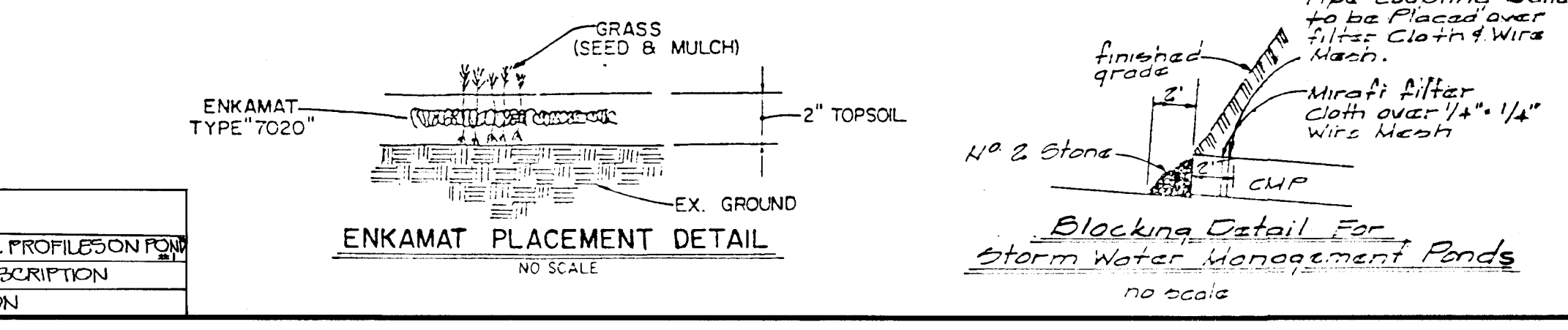
APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*John M. Dugan* 10/16/90  
CHIEF, LAND DEVELOPMENT DIVISION DATE

*Lawrence W. Wallace* 8/7/90  
CHIEF, BUREAU OF HIGHWAYS DATE

*John W. Zick* (ES) 10/2/90  
CHIEF, BUREAU OF ENGINEERING DATE



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*Charles J. Crovo* 6/27/89  
CHARLES J. CROVO SR.

**STORM WATER MANAGEMENT PROFILES**  
**TURF VALLEY OVERLOOK**  
SECTION TWO AREA TWO  
2nd ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN JUNE 23/89  
SHEET 16 OF 17



