

ENGINEERS CERTIFICATE
 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 COUNTY SOIL CONSERVATION DISTRICT.

Charles J. Crovo Sr. *5/23/87*
 CHARLES J. CROVO SR. DATE

DEVELOPERS CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

James M. Nela *4-8-87*
 THE BRIGHTON GROUP DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS.
James M. Nela *12-15-87*
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
Stephen R. Hahn *12-14-87*
 HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

GENERAL NOTES

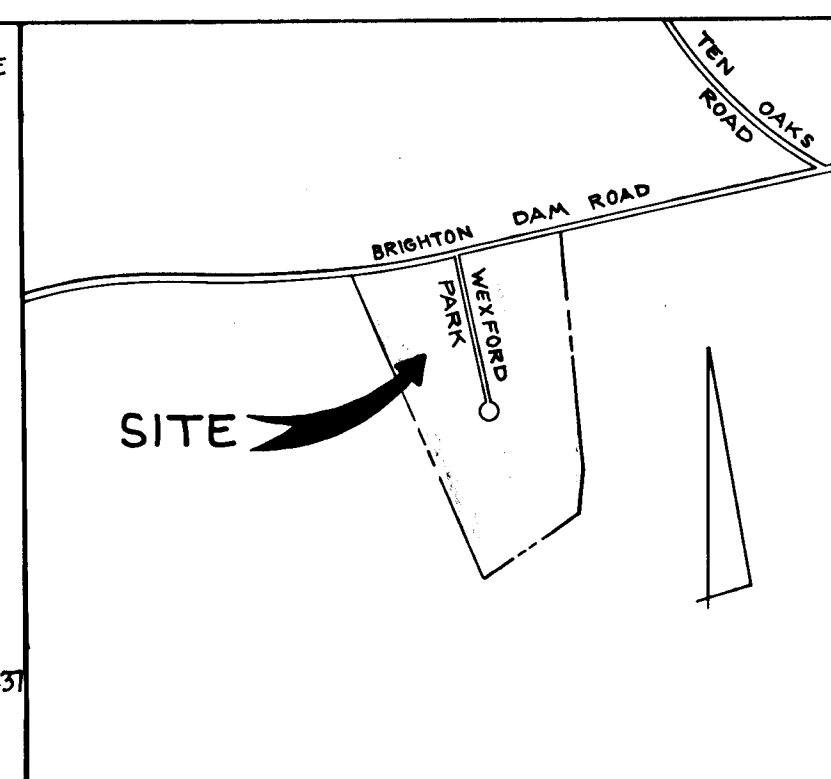
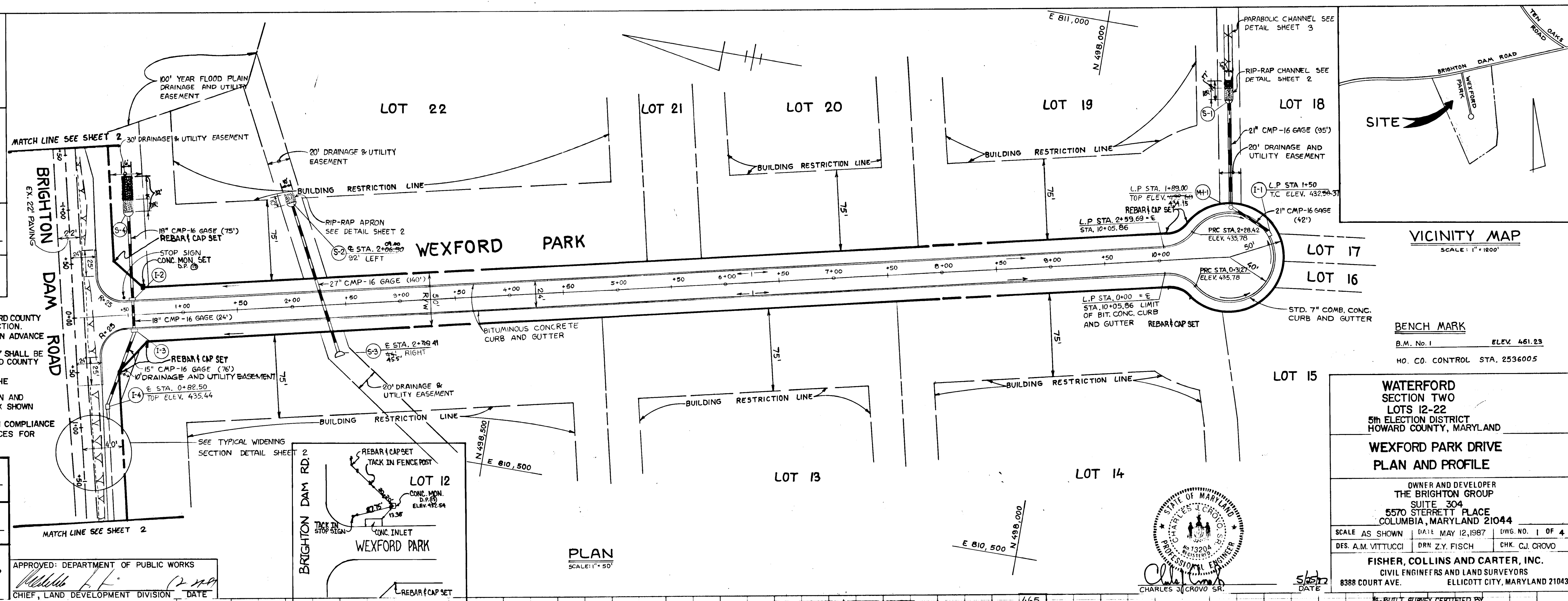
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
- STORM DRAINAGE TRENCHES WITHIN ROAD RIGHTS OF WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
- ANY DAMAGE TO PUBLIC RIGHTS OF WAY SHALL BE AT THE CONTRACTORS EXPENSE.
- CONTRACTOR TO NOTIFY THE HOWARD COUNTY INSPECTION AND SURVEY DIVISION AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS. TELEPHONE 752-7272.
- ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, 1978 EDITION REVISED.

APPROVED: DEPARTMENT OF PUBLIC WORKS
William E. ... *12-23-87*
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
David M. ... *12/23/87*
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: OFFICE OF PLANNING AND ZONING
James ... *12/28/87*
 ZONING ADMINISTRATION DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
William E. ... *12/28/87*
 CHIEF, LAND DEVELOPMENT DIVISION DATE



BENCH MARK
 B.M. No. 1 ELEV. 461.23
 HO. CO. CONTROL STA. 2536005

WATERFORD SECTION TWO LOTS 12-22
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

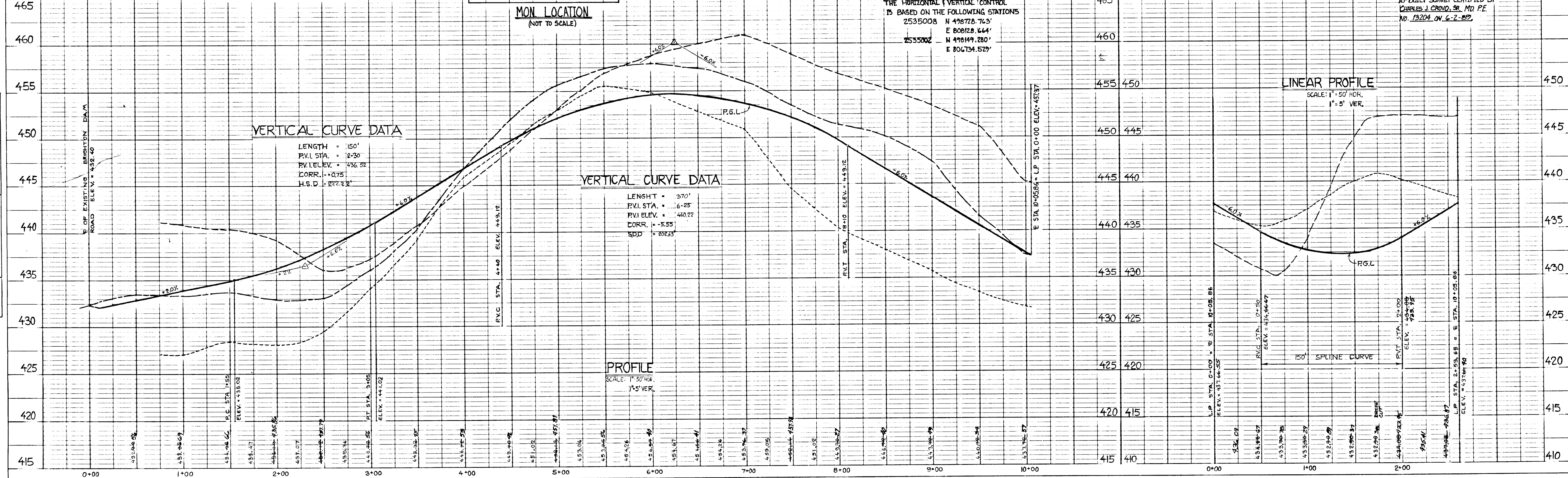
WEXFORD PARK DRIVE PLAN AND PROFILE

OWNER AND DEVELOPER
 THE BRIGHTON GROUP
 SUITE 304
 5570 STERRETT PLACE
 COLUMBIA, MARYLAND 21044

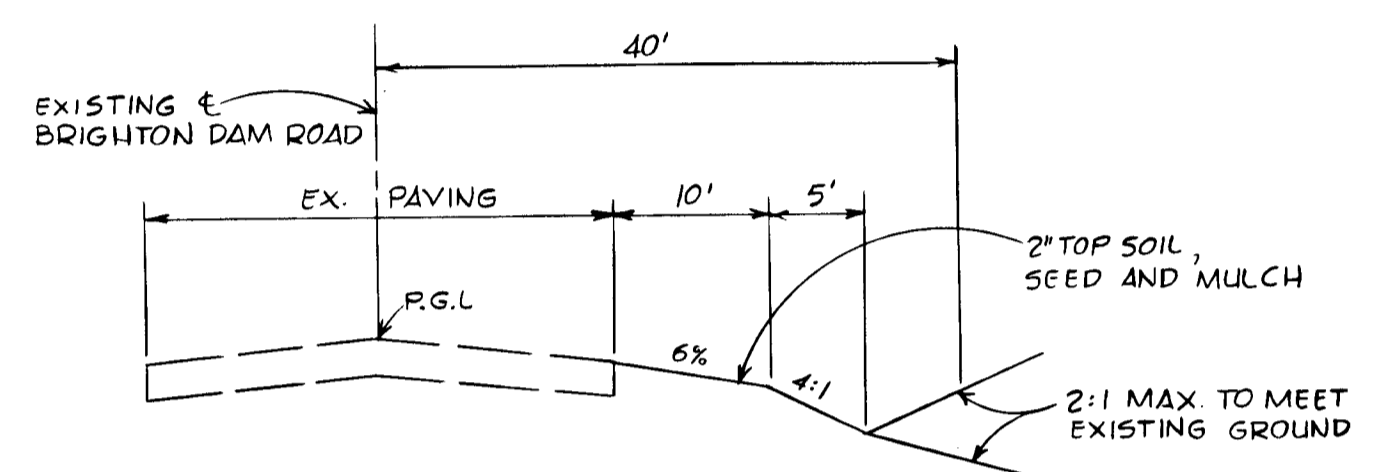
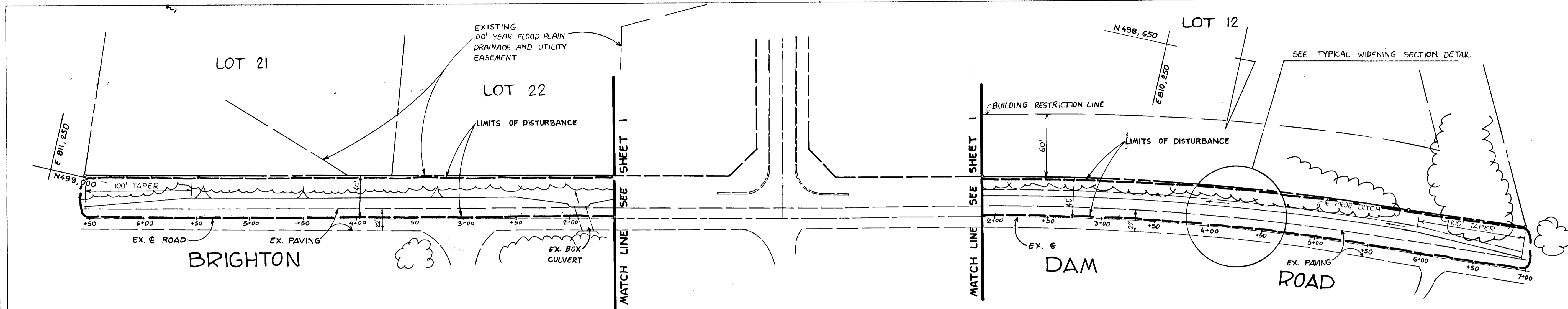
SCALE AS SHOWN DATE MAY 12, 1987 DWG. NO. 1 OF 4
 DES. A.M. VITTOCCI DRN. Z.Y. FISCH CHK. C.J. GROVO

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

AS-BUILT SURVEY CERTIFIED BY
 CHARLES J. CROVO SR. MD. P.E.
 NO. 13224 ON 6-2-89



1267



BRIGHTON DAM ROAD
TYPICAL WIDENING SECTION
NO SCALE

ROAD CLASSIFICATION: MAJOR COLLECTOR, ZONED 'R'
DESIGN SPEED: 40 M.P.H.
E STA. 0+62 LT. TO E STA. 6+53 LT.
E STA. 0+62 RT. TO E STA. 6+95 RT.

PLAN
SCALE: 1"=50'

APPROVED: DEPARTMENT OF PUBLIC WORKS
CHIEF, LAND DEVELOPMENT DIVISION
DATE: 12-23-87

APPROVED: DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING
DATE: 12-23-87

APPROVED: DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF HIGHWAYS
DATE: 12/23/87

APPROVED: OFFICE OF PLANNING AND ZONING
AND ZONING ADMINISTRATION
DATE: 12/28/87

WATERFORD
SECTION TWO
LOTS 12-22
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

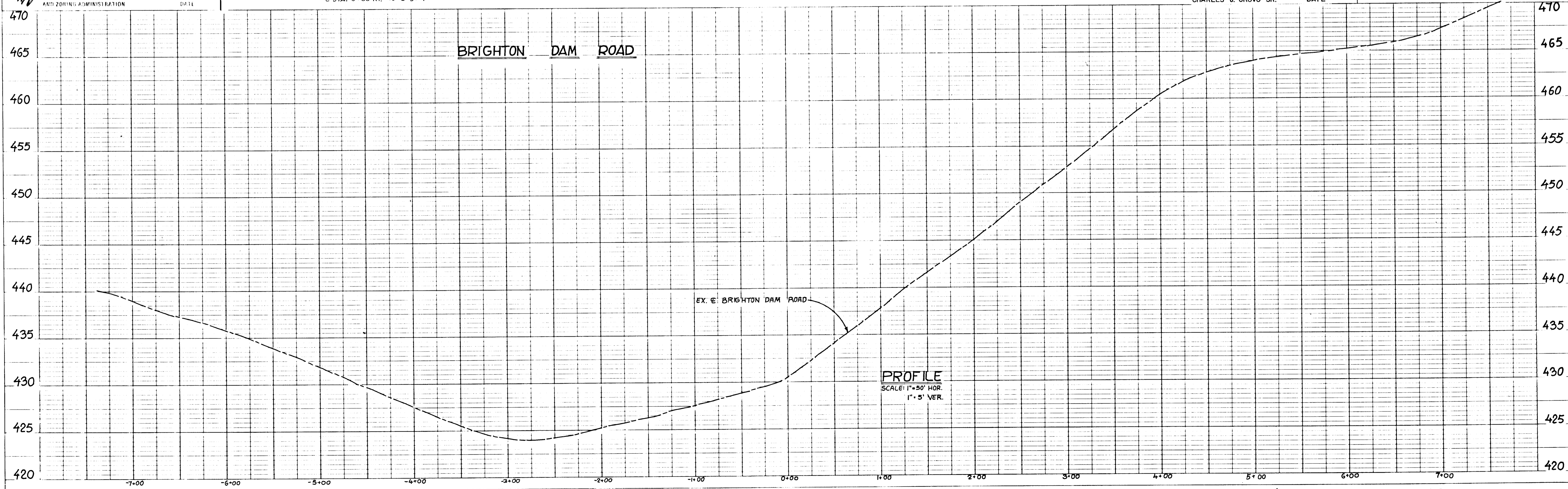
BRIGHTON DAM ROAD
PLAN AND PROFILE

OWNER AND DEVELOPER
THE BRIGHTON GROUP
SUITE 304
5570 STERRETT PLACE
COLUMBIA, MARYLAND 21044

SCALE AS SHOWN DATE MAY 12, 1987 DWG. NO. 2 OF 4
DES. A.M. VITUCCI DRN. Z.Y. FISCH CHK. C.J. CROVO

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

CHARLES J. CROVO SR. DATE



AS-BUILT 6-2-89 F-87-199

DATE: _____ BY: _____

NO. _____

DATE: _____ BY: _____

NO. _____

DATE: _____ BY: _____

NO. _____

DATE: _____ BY: _____

NO. _____

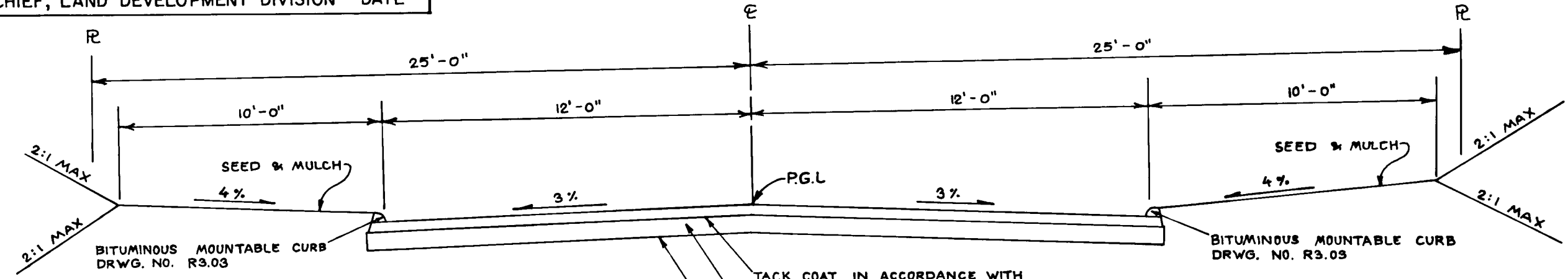
1971

APPROVED: DEPARTMENT OF PUBLIC WORKS
Francis H. McNeill 12/23/87
 CHIEF, BUREAU OF HIGHWAYS DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS
William E. K... 12/23/87
 CHIEF, LAND DEVELOPMENT DIVISION DATE

WEXFORD PARK
 ROAD CLASSIFICATION: CUL-DE-SAC
 DESIGN SPEED: 30 M.P.H.

STRUCTURE SCHEDULE						
STRUCTURE	TYPE	INVERT IN	INVERT OUT	TOP ELEV.	STATION	REMARKS
I-1	A-5 INLET	--	428.50	432.50	L.P. 1+50.00	DRWG. S.D. 4.01
I-2	A-10 INLET	429.25	429.00	433.04	EO-5467 LT	DRWG. S.D. 4.02
I-3	A-10 INLET	429.72	429.47	433.04	EO-5467 RT	DRWG. S.D. 4.02
I-4	TYPE K INLET	--	432.00	435.44	EO-5467 RT	DRWG. S.D. 4.12
M-1	H.O. STD. MANHOLE	428.08	427.83	433.60	L.P. 1+89.00	DRWG. G. 5.02
S-1	METAL END SECTION	--	426.88	428.63	--	DRWG. S.D. 5.61
S-2	METAL END SECTION	--	430.80	433.05	EO-2+18.00 LT	DRWG. S.D. 5.61
S-3	METAL END SECTION	--	433.50	435.75	EO-2+40.00 RT	DRWG. S.D. 5.61
S-4	METAL END SECTION	--	427.50	429.00	--	DRWG. S.D. 5.61



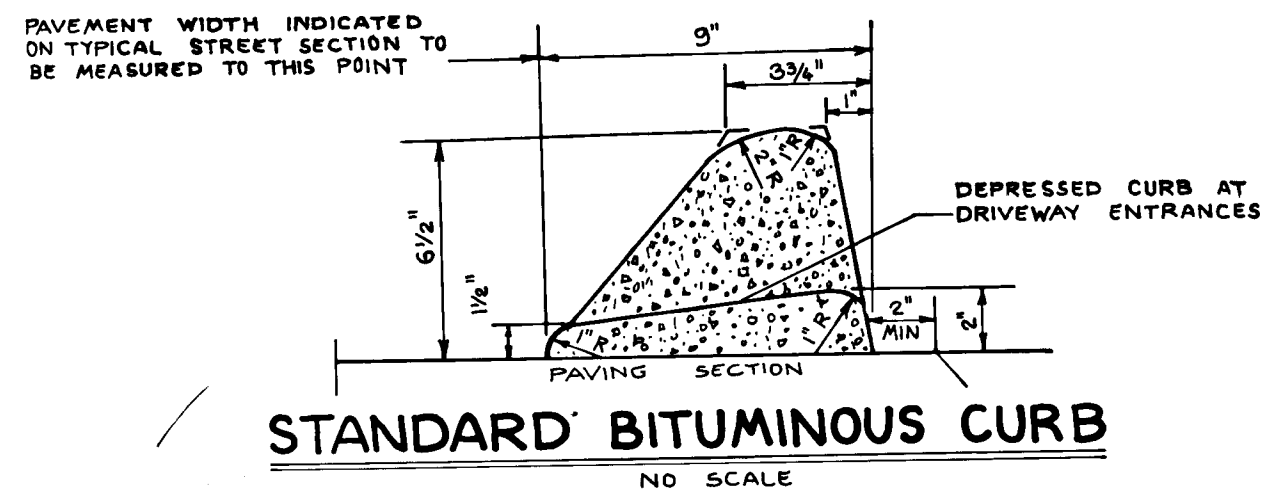
NOTE: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME III STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

TACK COAT IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME III DRAWING R-2.01.

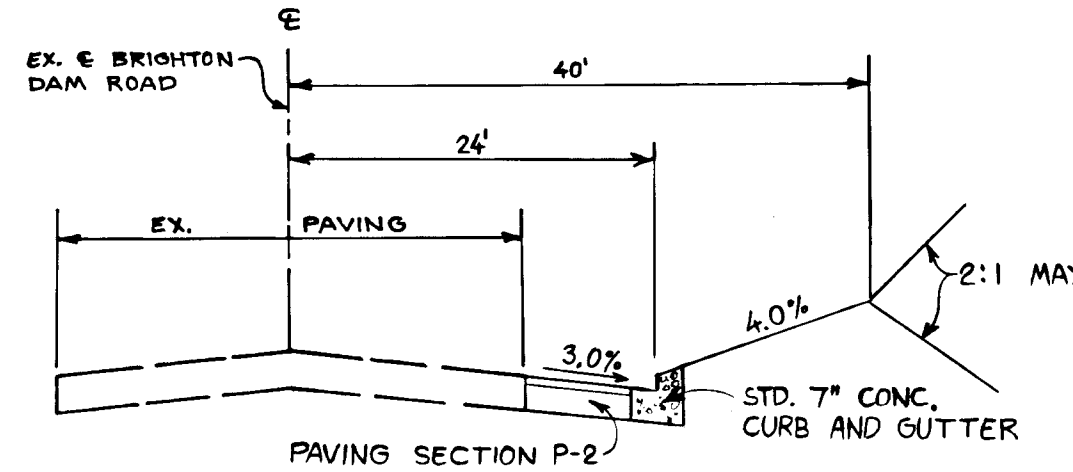
PAVING SECTION SHALL BE IN ACCORDANCE WITH SECTION NUMBER P-2, DRAWING R-2.01.

BASE WILL BE PRIMED IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME III.

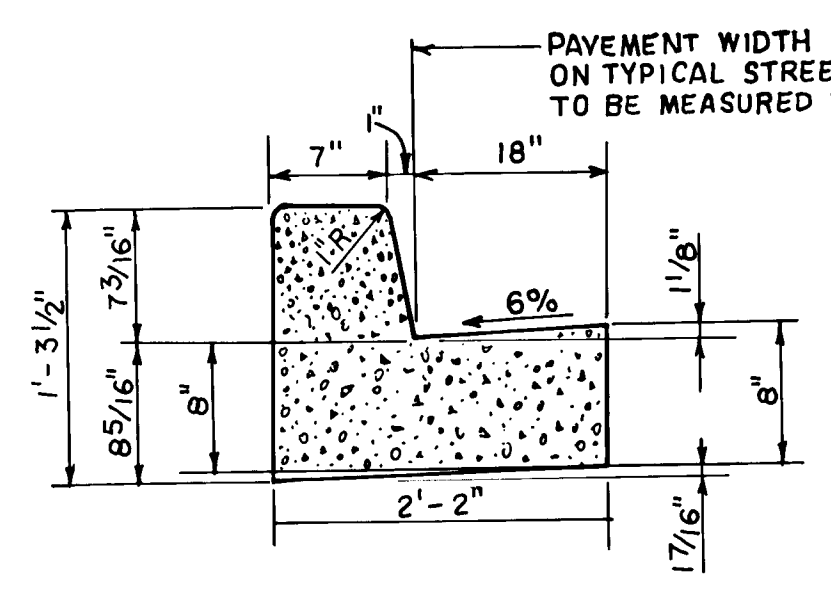
TYPICAL ROADWAY SECTION
 NO SCALE



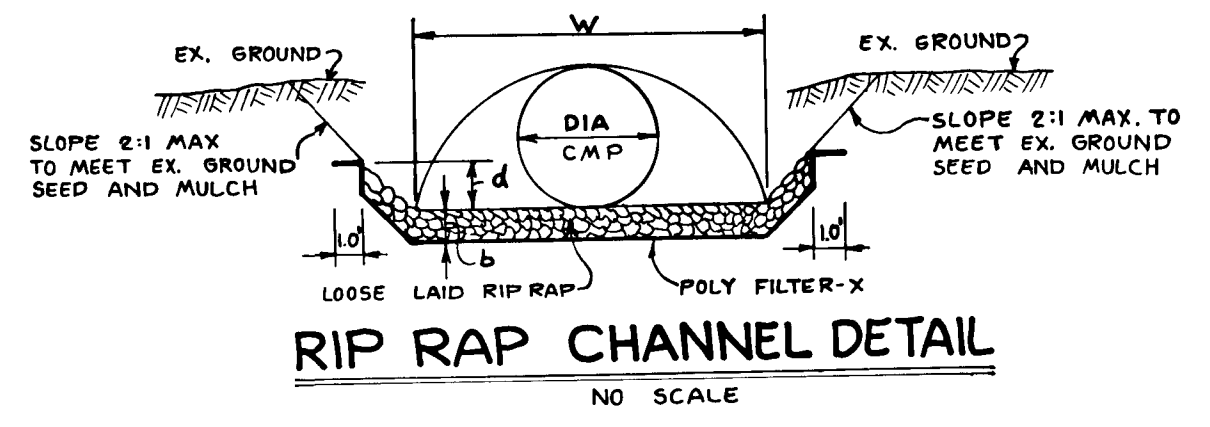
STANDARD BITUMINOUS CURB
 NO SCALE



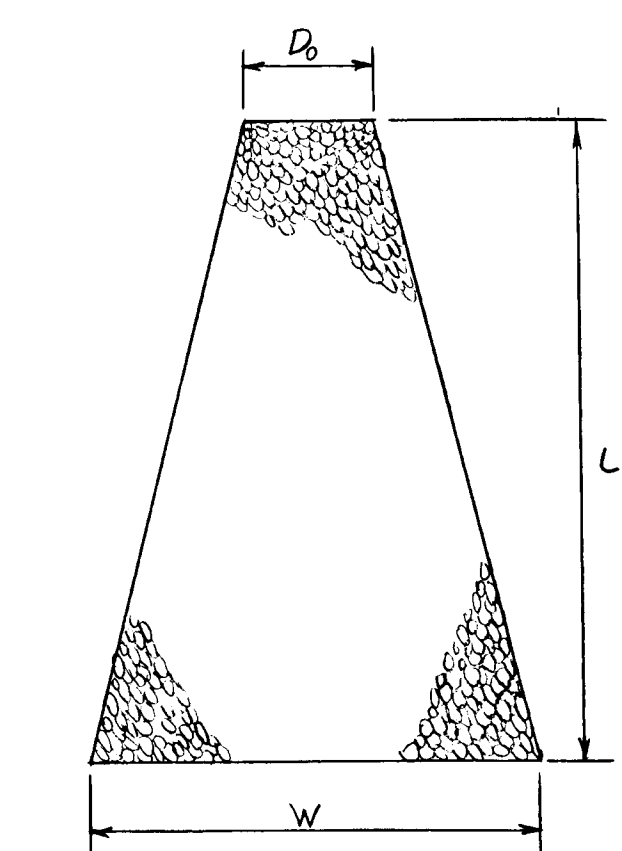
BRIGHTON DAM ROAD TYPICAL WIDENING SECTION
 NO SCALE
 ROAD CLASSIFICATION: MAJOR COLLECTOR, ZONED "R"



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



RIP RAP CHANNEL DETAIL
 NO SCALE



RIP-RAP APRON DETAIL

STRUCTURE	D _o	L	W	d ₅₀	d _{max}	b
S-2	27"	10'	12.25'	4"	6"	9"
S-4	18"	10'	11.50'	4"	6"	9"

RIP RAP CHANNEL DESIGN DATA												
STRUCTURE	A'	P ₁₁	R	R ^{2/3}	S _x	S _y	n	Q _{crit}	V _{max}	d ₅₀	W _{st}	RIP RAP SIZE d ₅₀ d _{MAX} b
S-1	3.065	6.367	0.482	0.614	0.010	0.100	0.04	6.99	2.28	0.64	3.5	4" 6" 9"

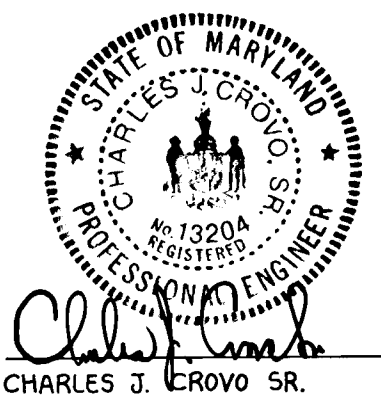
WATERFORD SECTION TWO
 LOTS 12-22
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

STORM DRAIN PROFILES AND DETAILS

OWNER AND DEVELOPER
 THE BRIGHTON GROUP
 SUITE 304
 5570 STERRETT PLACE
 COLUMBIA, MARYLAND 21044

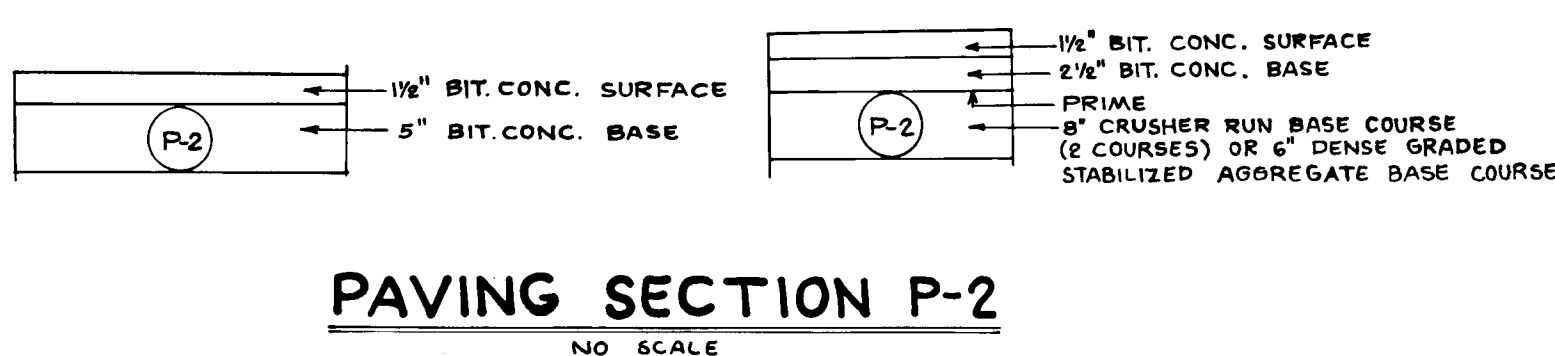
SCALE: AS SHOWN DATE: MAY 12, 1987 DWG. NO. 3 OF 4
 DES. A.M. VITTOCCI DRN. Z.Y. FISCH CHK. C.J. CROVO

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

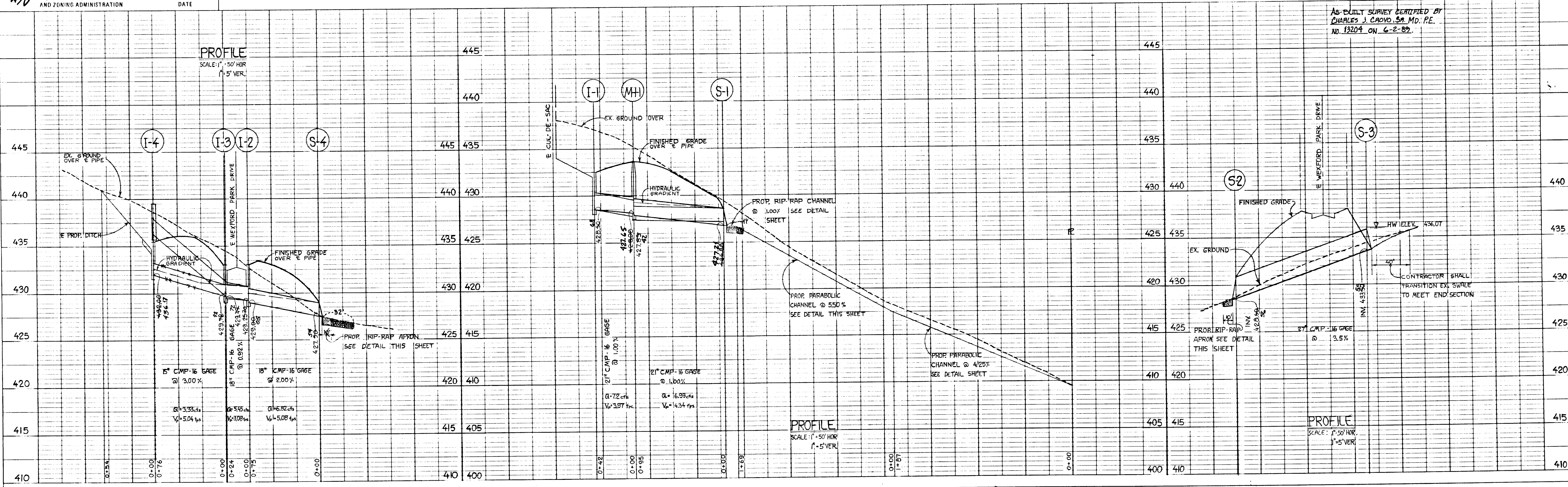


APPROVED: DEPARTMENT OF PUBLIC WORKS
William E. K... 12-23-87
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: OFFICE OF PLANNING AND ZONING
Joseph A. Smith 12/23/87
 AND ZONING ADMINISTRATION DATE



PAVING SECTION P-2
 NO SCALE



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

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

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

AS-BUILT 6-2-89

DATE: _____
 BY: _____
 SURVEYED, PLOTTED, CHECKED, B.M.'S NOTED, STRUCTURE NOTATIONS OK'D

1071

