

**REGISTERED PROFESSIONAL ENGINEER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THE 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.  
 CHARLES J. CROVO SR. 2/25/85

**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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.  
 HOWARD RESEARCH AND DEVELOPMENT CORP. 2-21-85  
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS.  
 5-6-85  
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.  
 5-6-85  
 HOWARD COUNTY 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 WATER MANAGEMENT FOR THIS PROPERTY HAS BEEN PROVIDED FOR ON LOT 457, VILLAGE OF KING'S CONTRIVANCE SEC. 2 AREA 3 F81-89.
- ANY DAMAGE TO PUBLIC RIGHT -OF-WAYS OR PAVING WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES WHERE DIRECTED BY THE ENGINEER A MINIMUM OF TWO WEEKS IN ADVANCE OF ANY CONSTRUCTION.
- CONTRACTOR IS TO NOTIFY THE HOWARD COUNTY DEPT. OF INSPECTIONS AT LEAST 3 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS. TELEPHONE: 792-7272.
- Ø DENOTES APPROXIMATE LOCATION OF EXISTING STREET TREES.

**STREET LIGHTS**

Ø 250 WATT MERCURY VAPOR LAMP PENDANT MOUNTED FIXTURES ON A 30 FOOT BRONZE ALUMINUM POLE TO BE LOCATED AT:

- EAST CORNER OF THE PROPOSED ENTRANCE AT MD. RTE. 32.
- EAST CORNER AT THE INTERSECTION OF MD. RTE. 32 AND EDEN BROOK DRIVE.
- NORTH CORNER AT THE PROPOSED ENTRANCE AT EDEN BROOK DRIVE @ STA. 38+83.
- EAST CORNER AT THE INTERSECTION OF EDEN BROOK DRIVE AND SWEET HOURS WAY.
- EAST SIDE OF EDEN BROOK DRIVE OPPOSITE @ STA. 42+50.

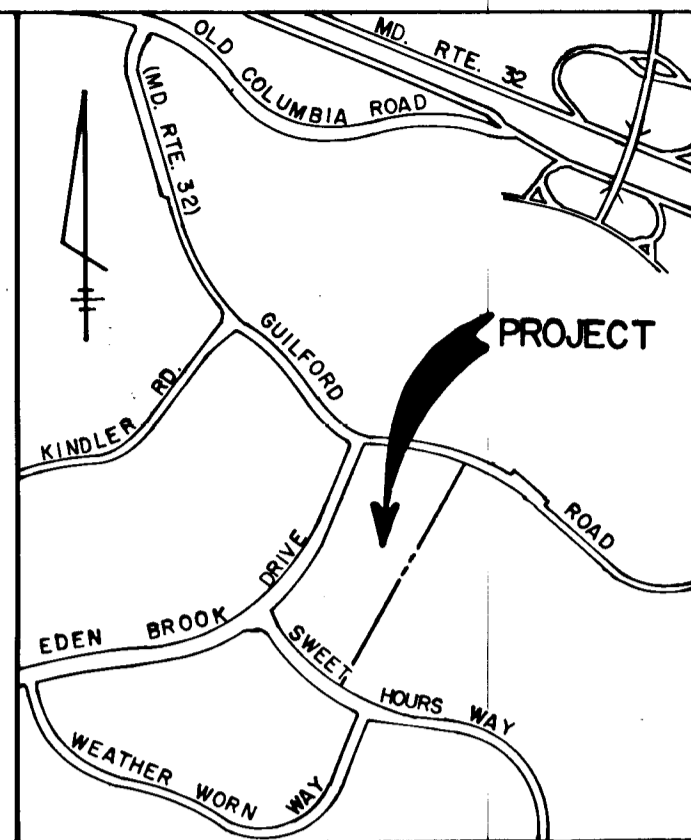
**BENCH MARKS**

BM #W-2  
 CROSS CUT IN CURB 22' ± SOUTH FROM @ STA. 47+00 EDEN BROOK DRIVE. ELEV. 376.16

BM #2  
 ROAD SIDE BONNET BOLT OF FIRE HYDRANT EAST SIDE OF EDEN BROOK DRIVE OPPOSITE @ STA. 39+92. ELEV. 371.80

Ø DENOTES MACADAM RESURFACING FROM @ STA. 6+00 TO @ STA. 7+75 RESURFACING SHALL HAVE A 2% CROSS SLOPE FROM THE EXISTING @ OF MD. ROUTE 32.

/// DENOTES SHA PAVING SECTION SEE DETAIL SHEET 2.

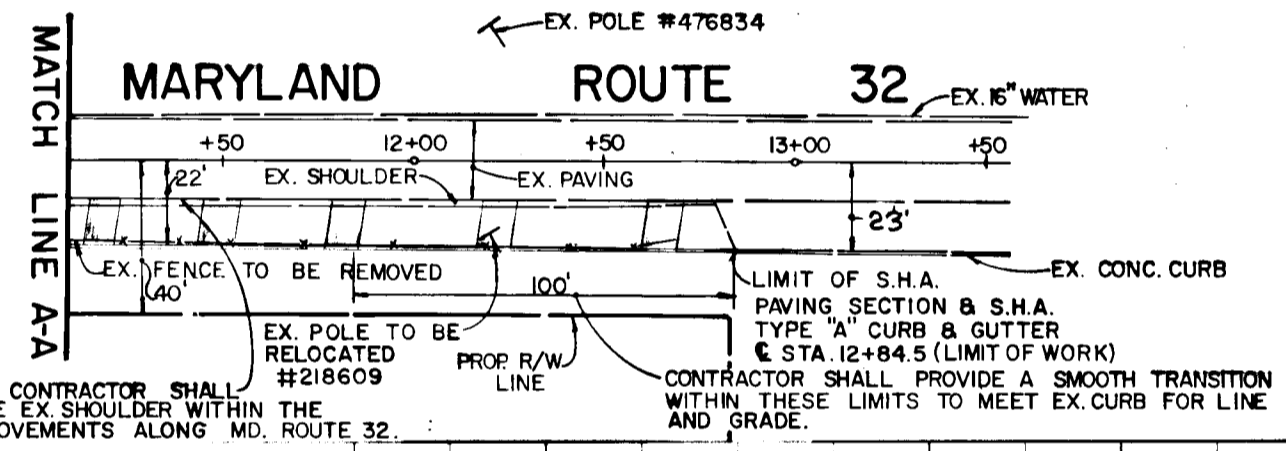
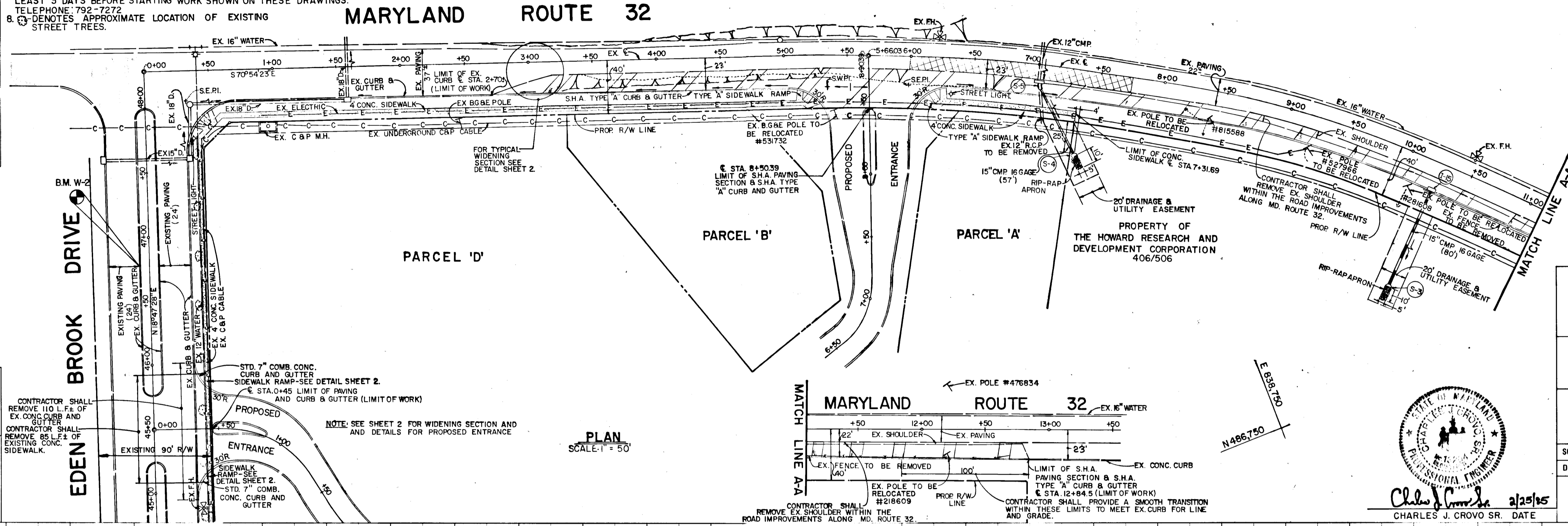


DATE	BY	NO.

DATE	BY	NO.

DATE	BY	NO.

DATE	BY	NO.



VILLAGE OF KING'S CONTRIVANCE  
 SECTION 2 AREA 4  
**VILLAGE CENTER**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
**MARYLAND ROUTE 32 WIDENING  
 PLAN & PROFILE**

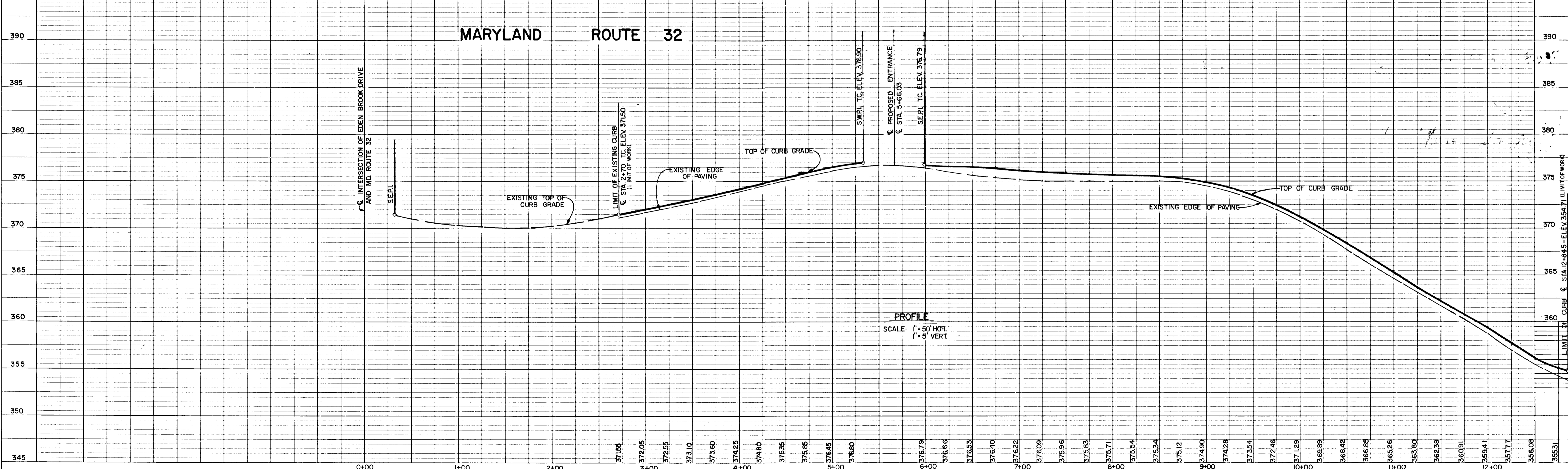
OWNER AND DEVELOPER  
**THE HOWARD RESEARCH AND  
 DEVELOPMENT CORPORATION**  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

SCALE AS SHOWN DATE FEB. 15, 1985 DWG. NO. 1 OF 5  
 DES. C. CROVO DRN. R. ISAACS CHK. R.B. CARTER

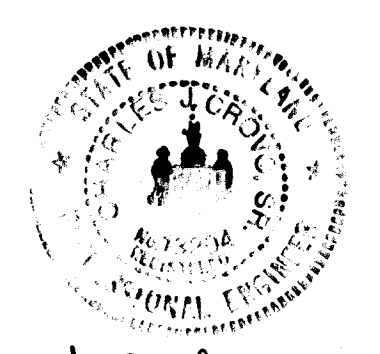
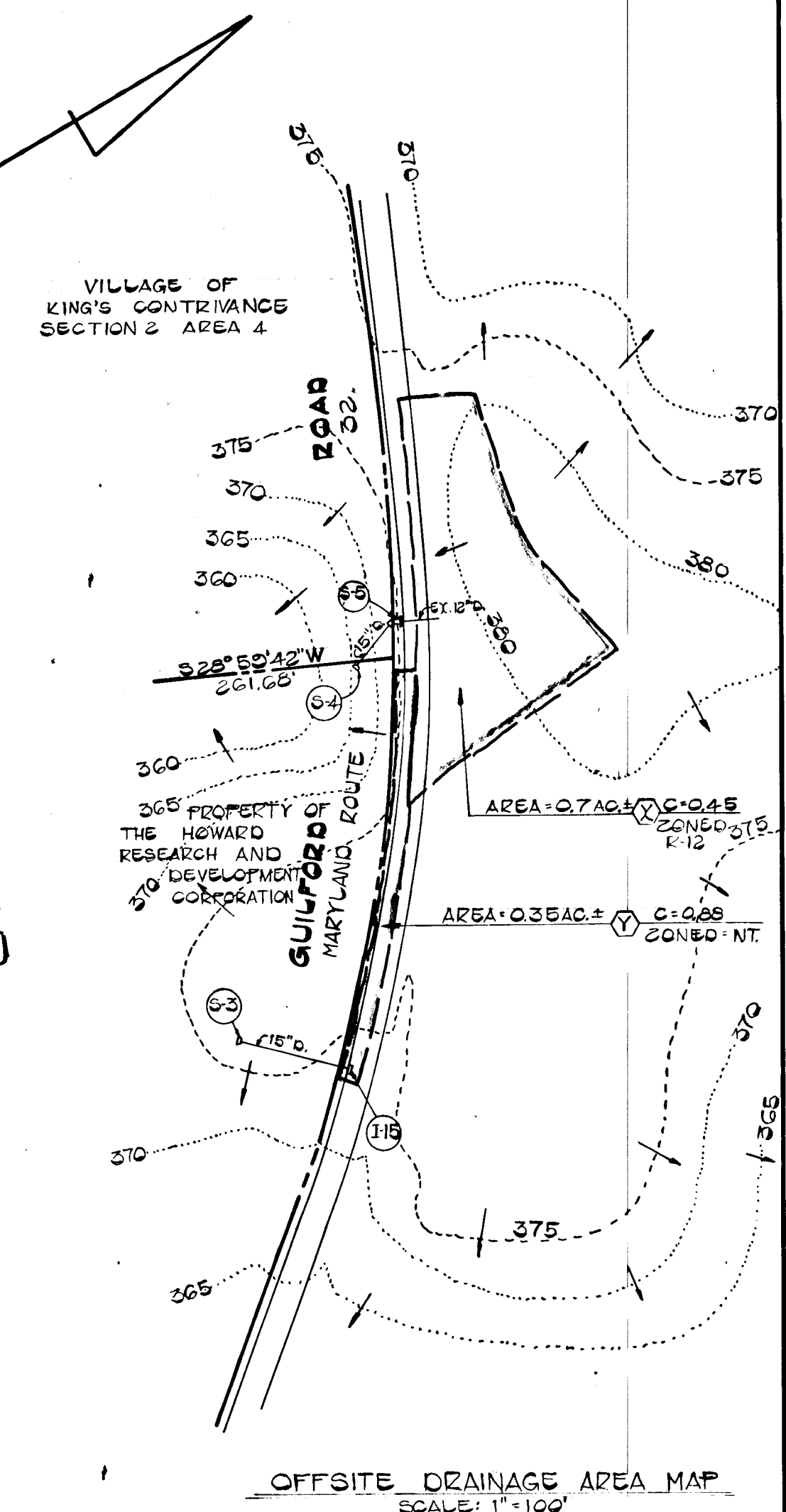
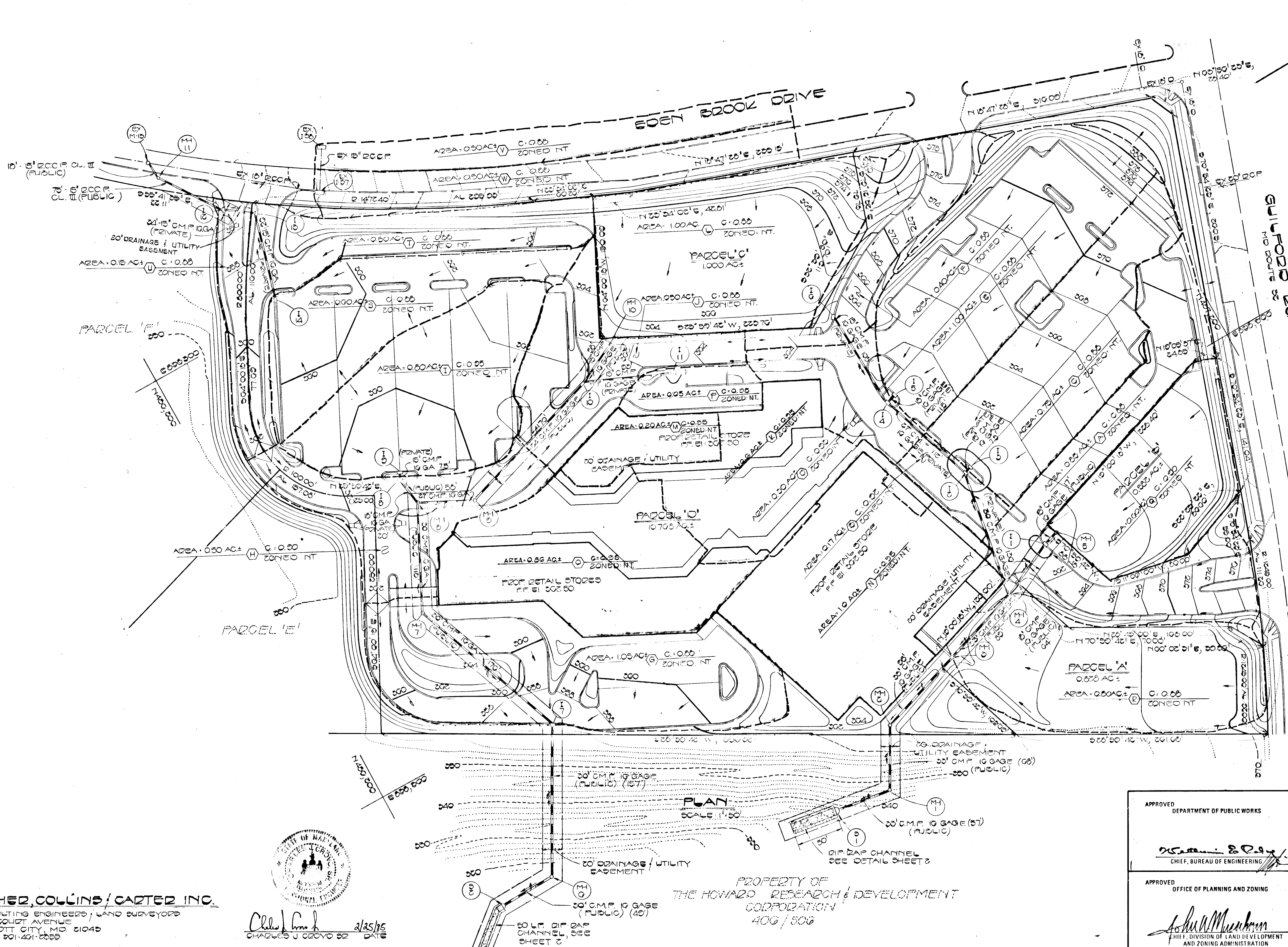
**FISHER, COLLINS AND CARTER, INC.**  
 CIVIL ENGINEERS AND LAND SURVEYORS  
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
 5-9-85  
 CHIEF, BUREAU OF ENGINEERING

APPROVED  
 OFFICE OF PLANNING AND ZONING  
 5-2-85  
 LUPMENT AND ZONING ADMINISTRATION







**FISHER, COLLINS / CARTER INC.**  
 CONSULTING ENGINEERS / LAND SURVEYORS  
 6900 COURT AVENUE  
 BULLCOTT CITY, MD. 21048  
 TELE: 301-401-2000

*Charles J. Crovo*  
 CHARLES J. CROVO SE  
 DATE 2/25/95

PROPERTY OF  
 THE HOWARD RESEARCH & DEVELOPMENT  
 CORPORATION  
 400 / 500

APPROVED  
 DEPARTMENT OF PUBLIC WORKS  
*William E. Papp*  
 CHIEF, BUREAU OF ENGINEERING  
 DATE 5-1-95

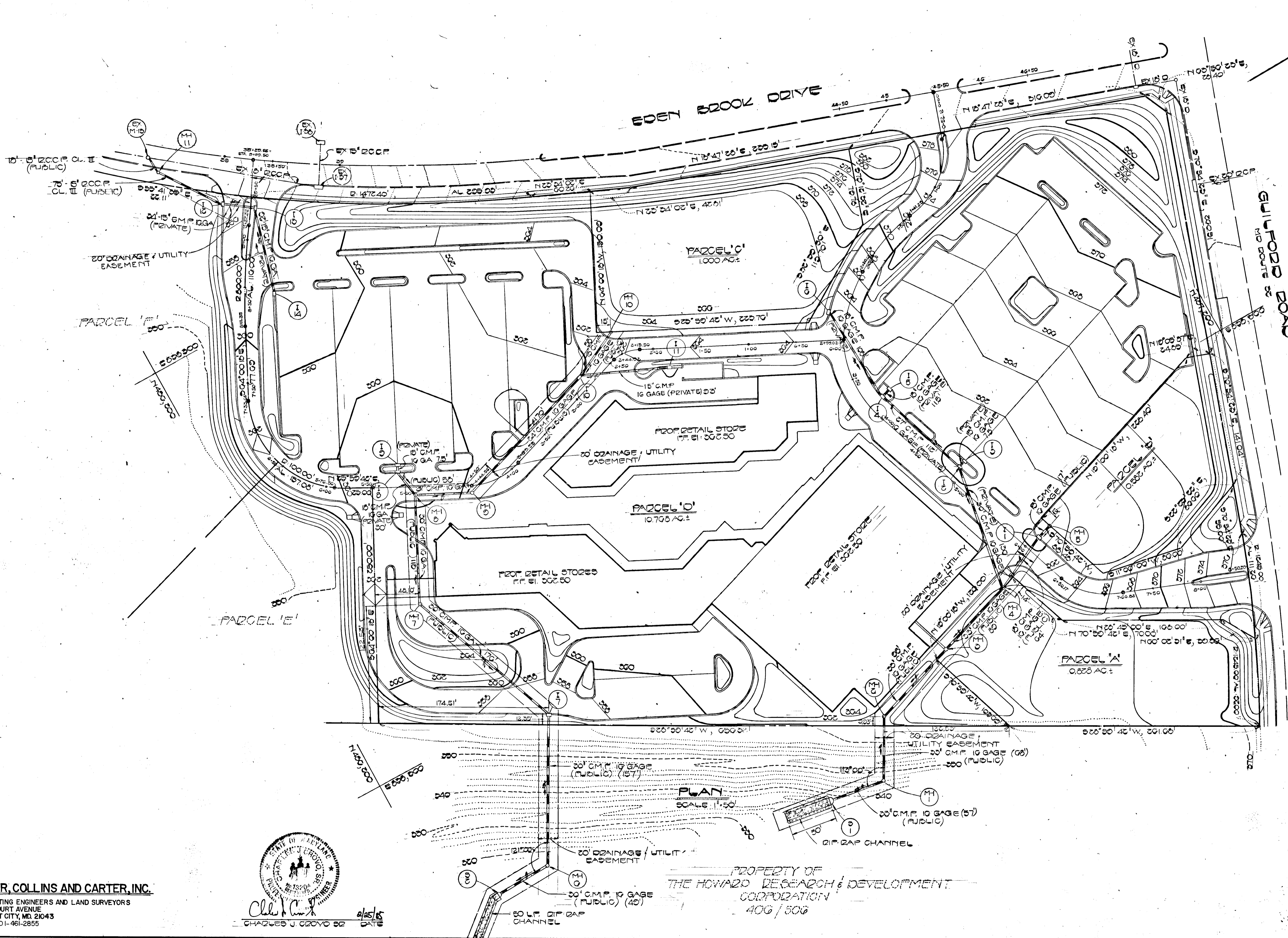
APPROVED  
 OFFICE OF PLANNING AND ZONING  
*John M. Muehlen*  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
 AND ZONING ADMINISTRATION  
 DATE 5-6-95

VILLAGE OF KING'S CONTRIVANCE  
 SECTION 2 AREA 4  
**VILLAGE CENTER**  
 6TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

**DRAINAGE AREA MAP**

OWNER AND DEVELOPER  
 THE HOWARD RESEARCH AND  
 DEVELOPMENT CORPORATION  
 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

SCALE AS SHOWN	DATE FEB. 15, 1995	DWG. NO. 3 OF 5
DES. C. CROVO	DRN. R. ISAACS	CHK. R.B. CARTER



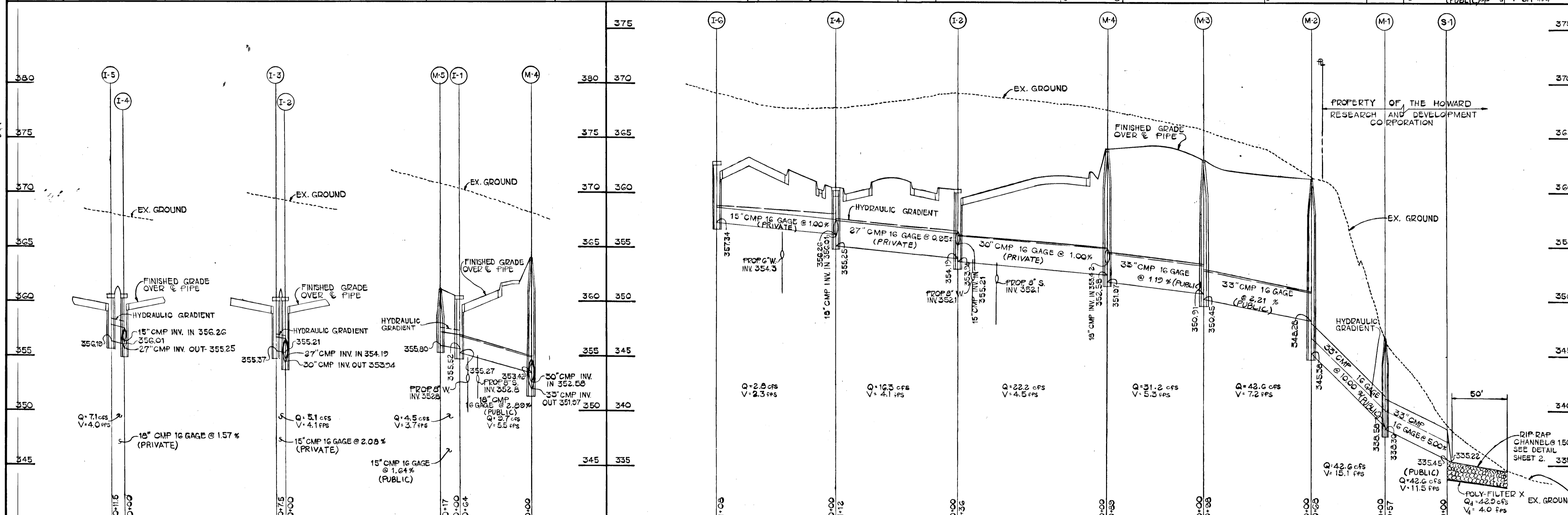
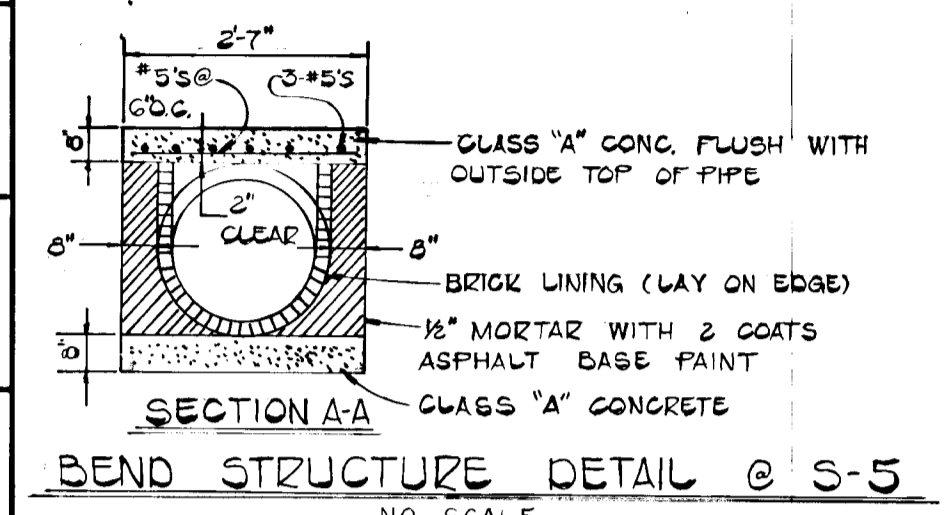
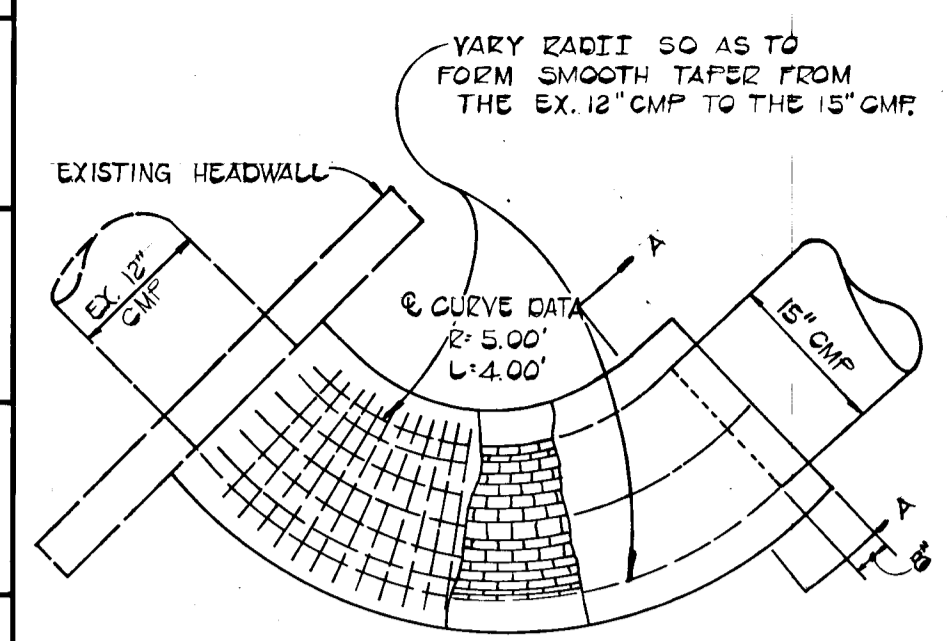
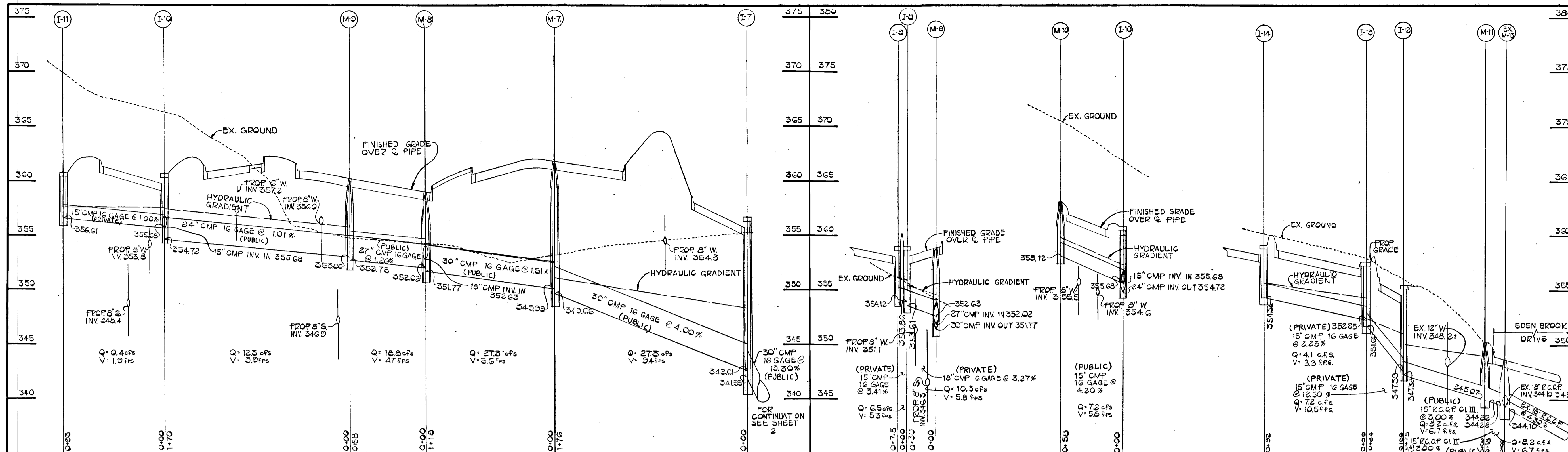
**FISHER, COLLINS AND CARTER, INC.**  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 8388 COURT AVENUE  
 ELLICOTT CITY, MD 21043  
 TELE: 301-461-2855



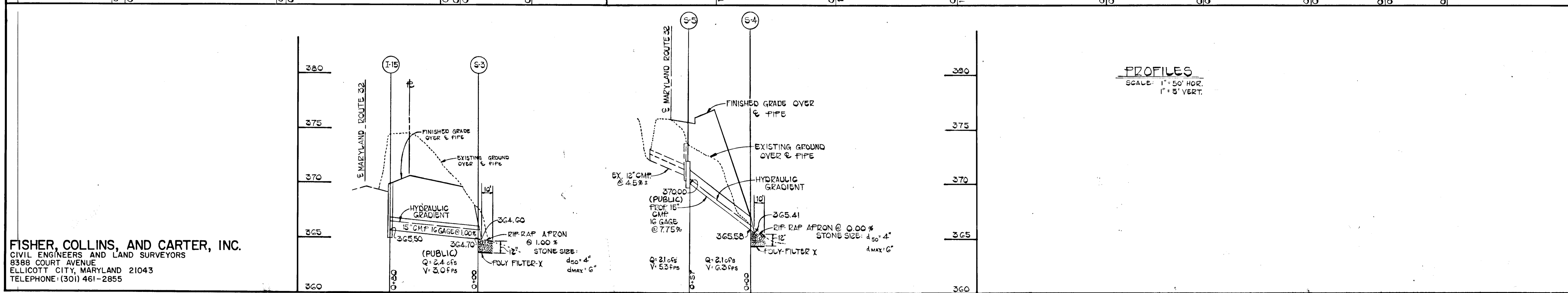
Charles J. Grovo  
 01/25/85  
 CHASES J. GROVO SE DATE

PROPERTY OF  
 THE HOWARD RESEARCH & DEVELOPMENT  
 CORPORATION  
 400 / 500

APPROVED DEPARTMENT OF PUBLIC WORKS	5-1-85
<i>William J. Oley</i> CHIEF, BUREAU OF ENGINEERING	DATE
APPROVED OFFICE OF PLANNING AND ZONING	5-1-85
<i>William J. Oley</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE
<b>VILLAGE OF KING'S CONTRIVANCE</b> SECTION 2 AREA 4 <b>VILLAGE CENTER</b> 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
<b>STORM DRAINAGE PLAN</b>	
OWNER AND DEVELOPER <b>THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION</b> 10275 LITTLE PATENT PARKWAY COLUMBIA, MARYLAND 20344	
SCALE AS SHOWN	DATE MARCH 27, 1985
DES. C.C. ROVO	DRN. R. ISAACS
	CHK. R.B. CARTER



REV. NO.	REVISION DESCRIPTION
610.05 1	S.D. IDENTIFICATION
REV. NO.	REVISION DESCRIPTION
APPROVED:	DEPARTMENT OF PUBLIC WORKS
	<i>William R. ...</i> CHIEF, BUREAU OF ENGINEERING
APPROVED:	OFFICE OF PLANNING AND ZONING
	<i>Charles J. ...</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION



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

FISHER, COLLINS, AND CARTER, INC.  
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8388 COURT AVENUE  
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TELEPHONE: (301) 461-2855



OWNER AND DEVELOPER  
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION  
10275 LITTLE PATENT PARKWAY  
COLUMBIA, MARYLAND 21044

STORM DRAIN PROFILES  
VILLAGE OF KINGS  
CONTRIVANCE  
SECTION 2 AREA 4  
VILLAGE CENTER  
PARCELS A-F  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN TAX MAP-42  
FEBRUARY 25, 1985 P/O PARCEL 13  
SHEET 5 OF 5