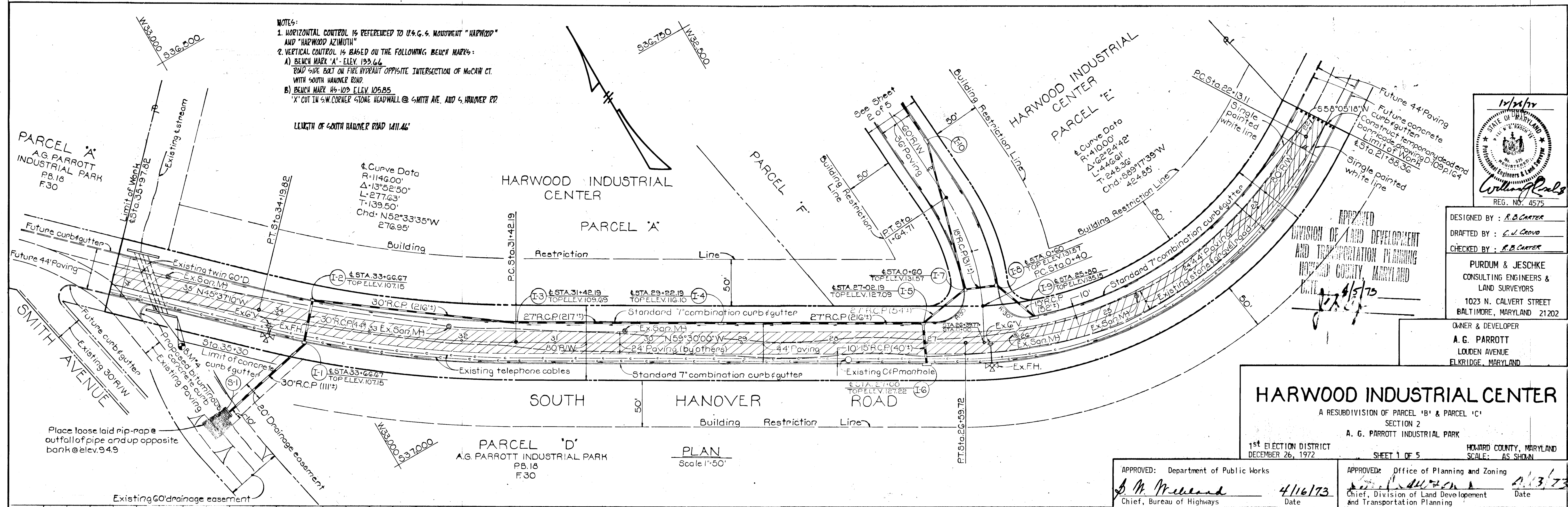


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BY	
SUPPLEMENT	
NOTE BOOK	
ALIGNED CHECKED	
ET. OR WAY CHECKED	
No.	

DATE	
BY	
SUPPLEMENT	
NOTE BOOK	
GRADES CHECKED	
B.M.'S. NOTED	
SUBSCRIBE INDICATIONS CHECKED	
No.	

- NOTES:
- HORIZONTAL CONTROL IS REFERENCED TO U.S.G.S. MONUMENT "HARWOOD" AND "HARWOOD AZIMUTH"
 - VERTICAL CONTROL IS BASED ON THE FOLLOWING BENCH MARKS:
 - BENCH MARK "A" - ELEV. 193.66
ROAD SIDE BOLT ON FIRE HYDRANT OPPOSITE INTERSECTION OF McCAW CT. WITH SOUTH HANOVER ROAD.
 - BENCH MARK "B" - ELEV. 105.85
"X" CUT IN S.W. CORNER STONE HEADWALL @ SMITH AVE. AND S. HANOVER RD.

LENGTH OF SOUTH HANOVER ROAD 1411.46'

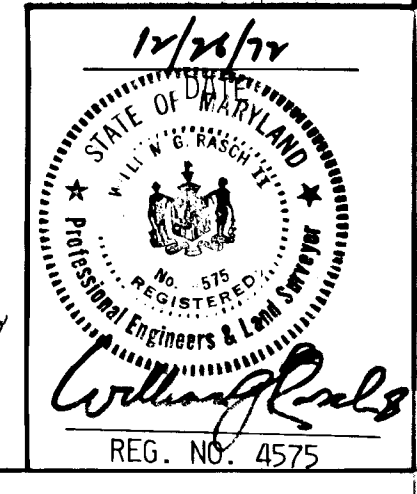


PLAN
Scale 1"=50'

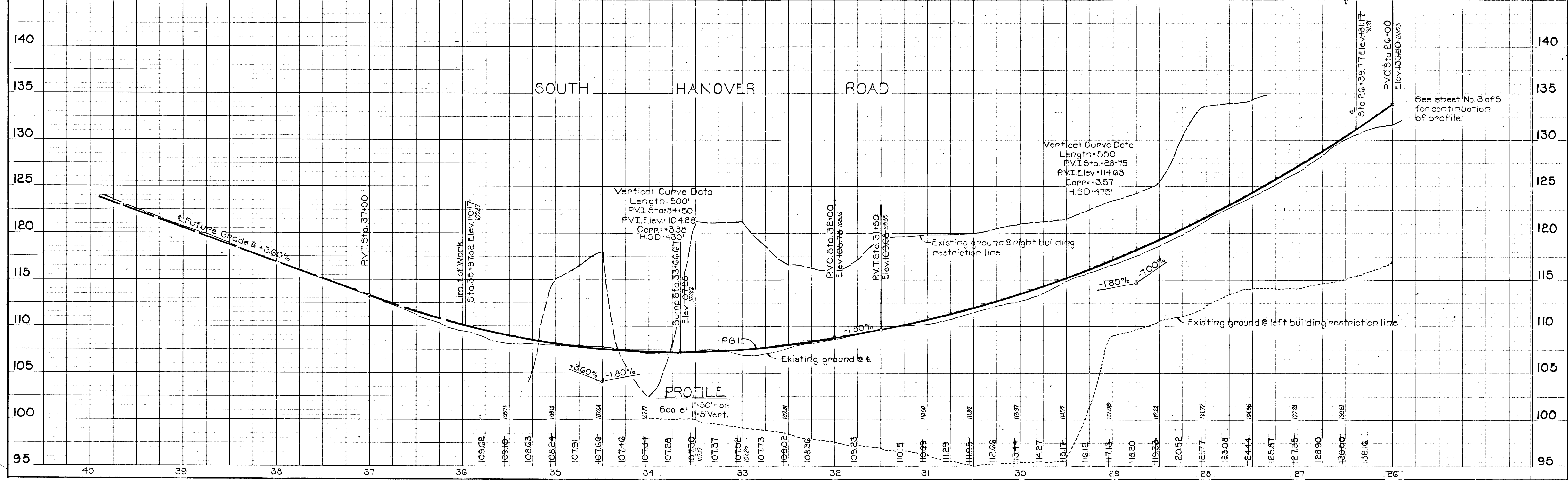
HARWOOD INDUSTRIAL CENTER
A RESUBDIVISION OF PARCEL 'B' & PARCEL 'C'
SECTION 2
A. G. PARROTT INDUSTRIAL PARK
1st ELECTION DISTRICT
DECEMBER 26, 1972
SHEET 1 OF 5
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN

APPROVED: Department of Public Works
S. M. McLeod
Chief, Bureau of Highways
Date: 4/16/73

APPROVED: Office of Planning and Zoning
[Signature]
Chief, Division of Land Development and Transportation Planning
Date: 4/13/73



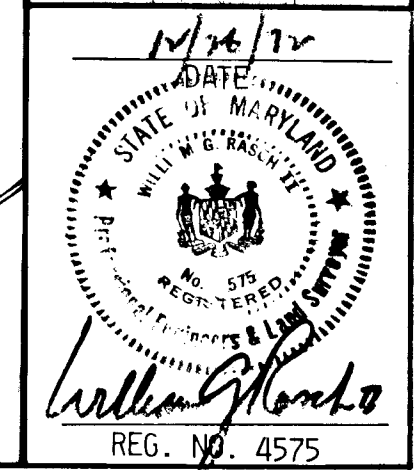
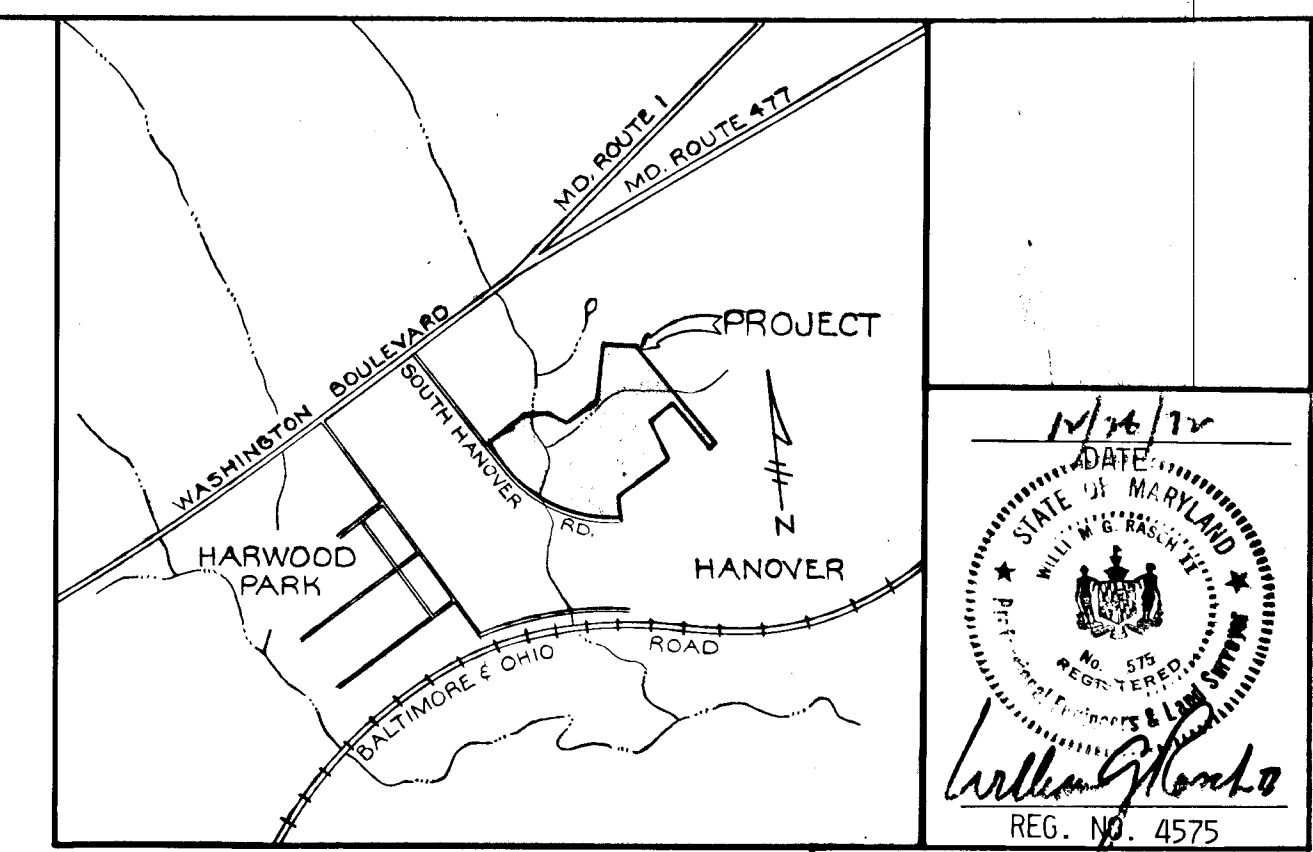
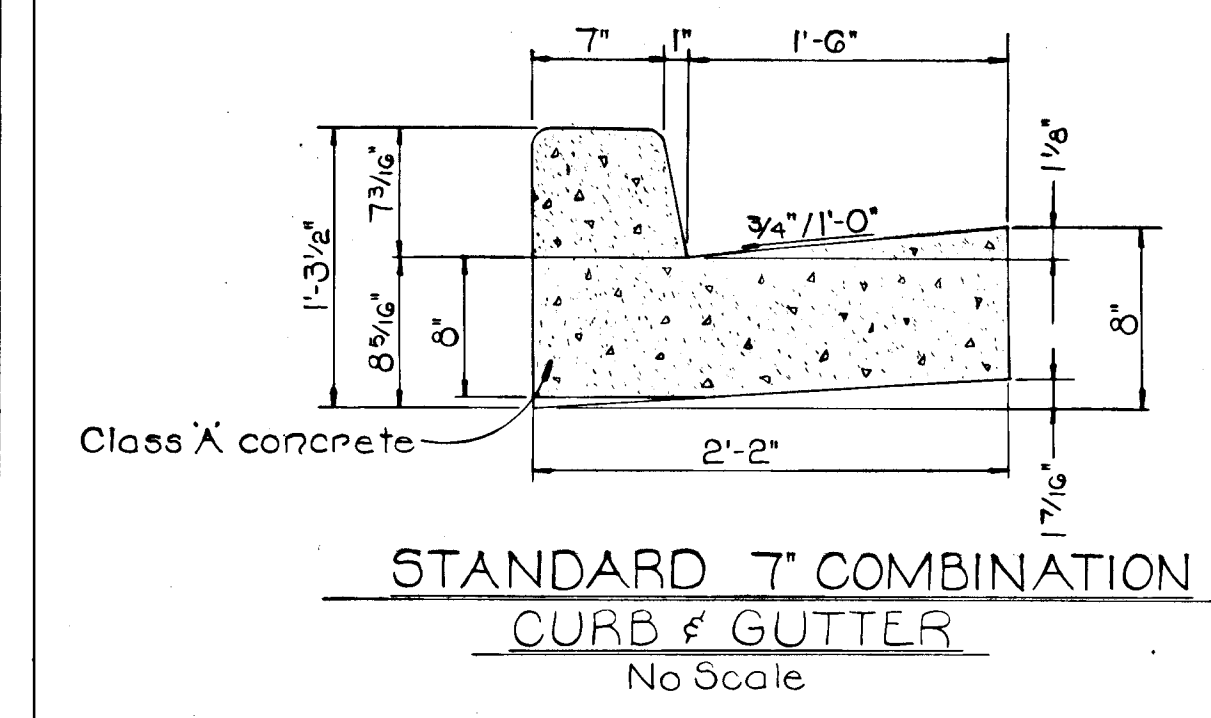
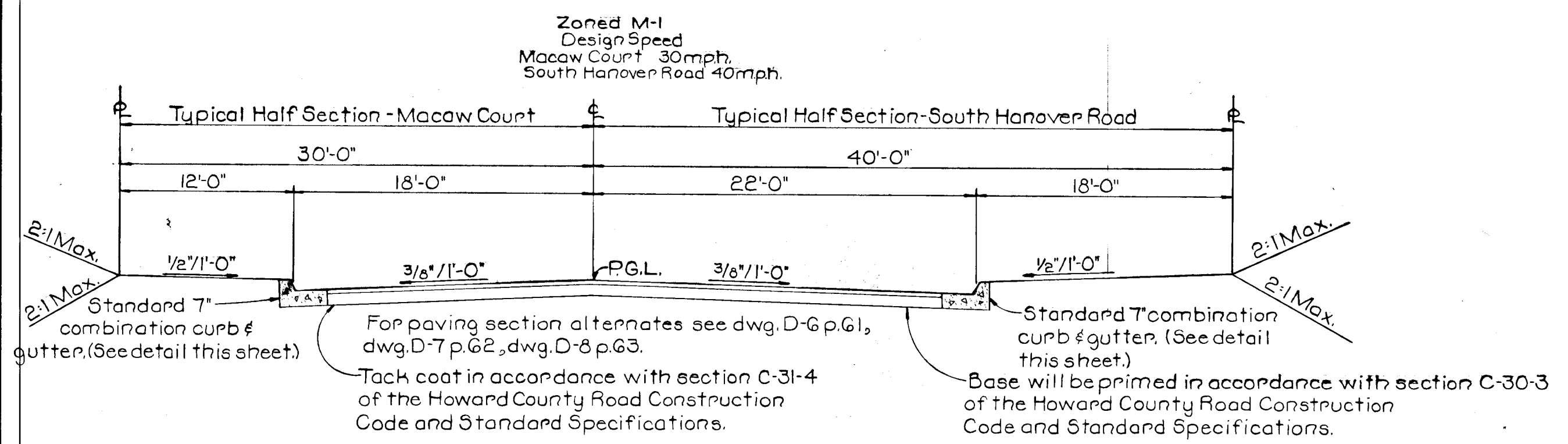
DESIGNED BY: R. B. CARTER
DRAFTED BY: C. J. GROVO
CHECKED BY: R. B. CARTER
PURDUM & JESCHKE
CONSULTING ENGINEERS &
LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND 21202
OWNER & DEVELOPER
A. G. PARROTT
LOUDEN AVENUE
ELK RIDGE, MARYLAND



PROFILE
Scale: 1"=50' Hor.
1"=8' Vert.

See sheet No. 3 of 5 for continuation of profile.

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	



DESIGNED BY: R.B.C.
DRAFTED BY: C.V.C.
CHECKED BY: R.B.C.

PURDUM JESCHKE
CONSULTING ENGINEERS &
LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND

OWNER & DEVELOPER
A. G. PARROTT
LOUDEN AVENUE
ELK RIDGE, MARYLAND

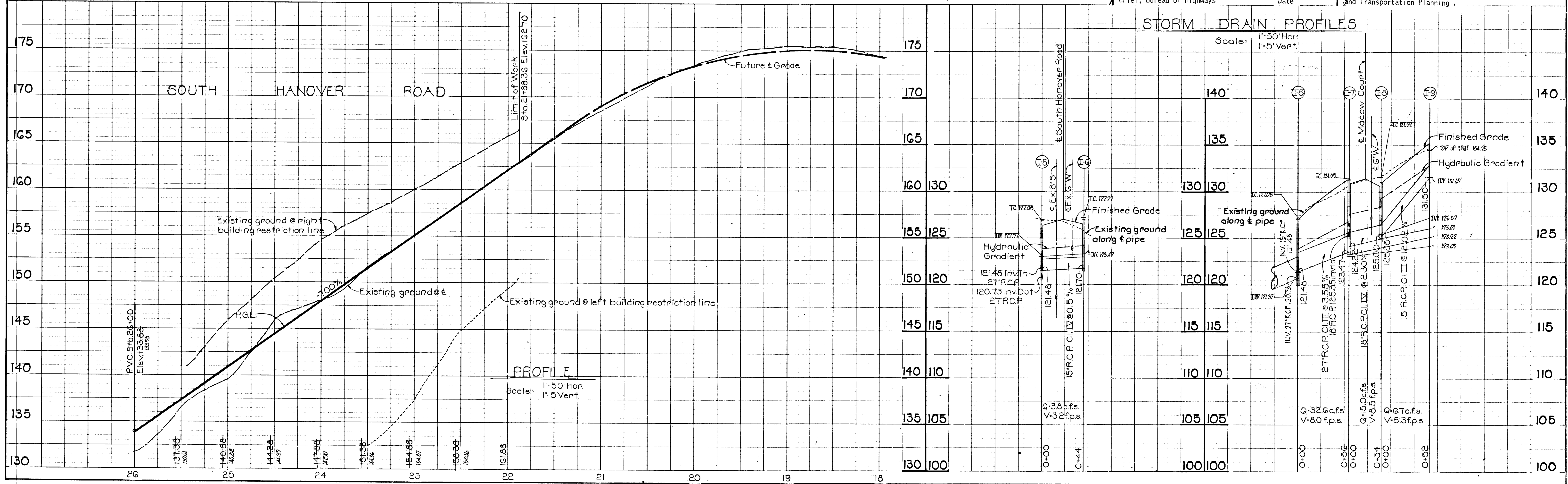
HARWOOD INDUSTRIAL CENTER
A RESUBDIVISION OF PARCEL 'B' & PARCEL 'C'
SECTION 2
A.G. PARROTT INDUSTRIAL PARK
1ST ELECTION DISTRICT
DECEMBER 26, 1972

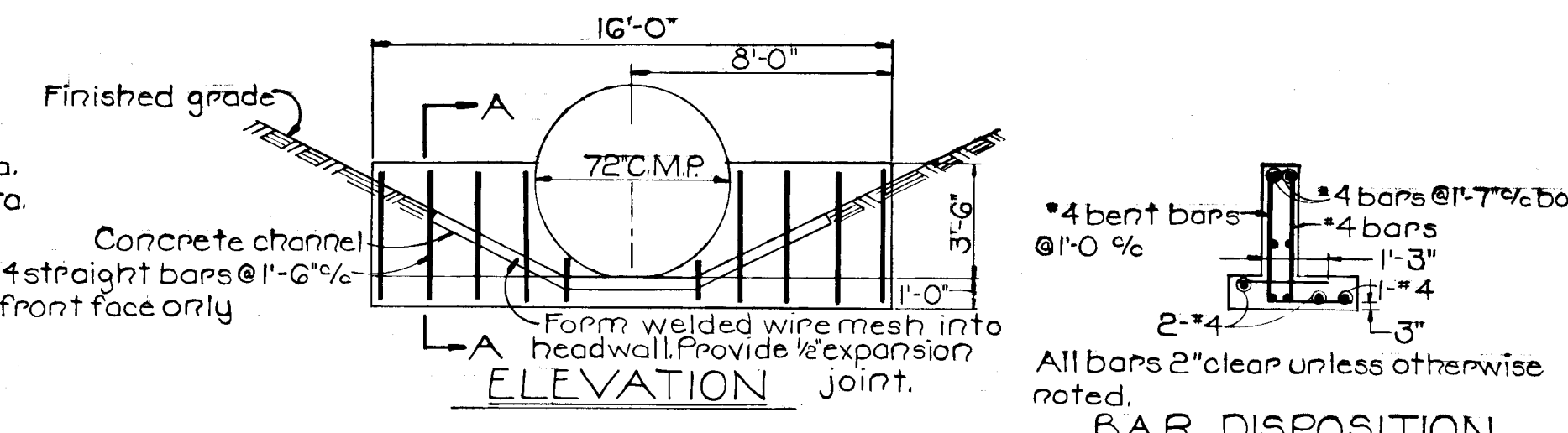
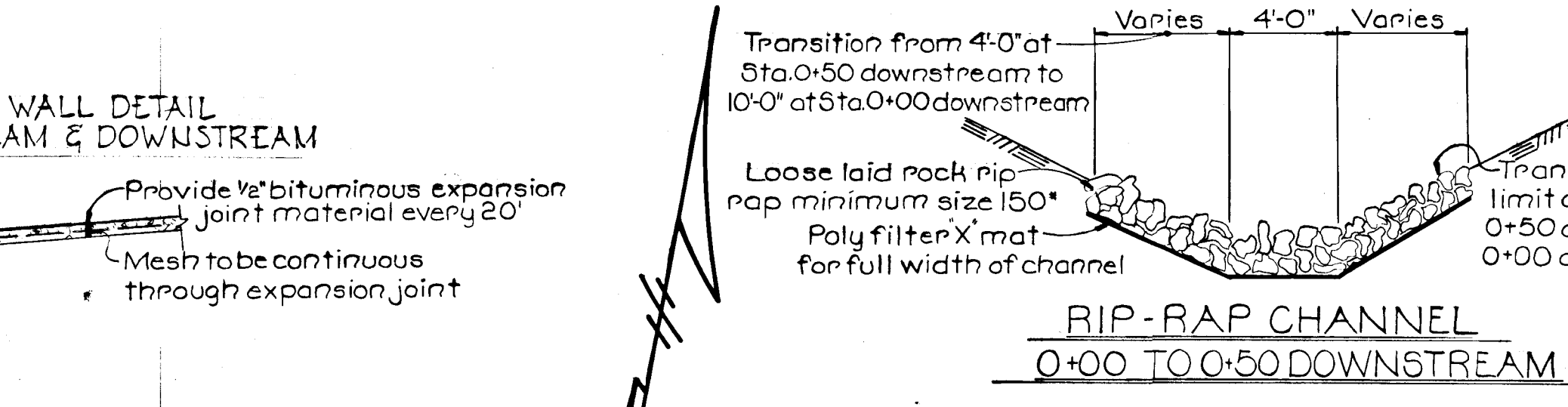
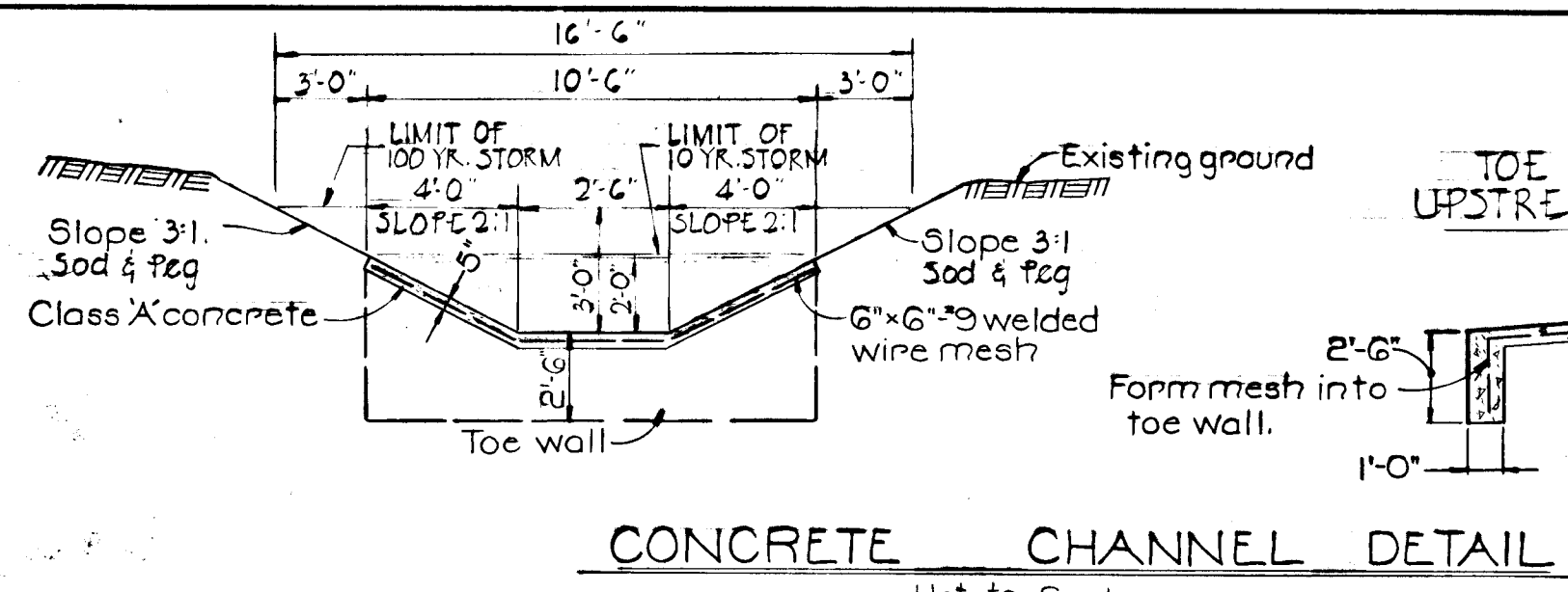
SHEET 3 OF 5
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN

APPROVED: Department of Public Works
S. N. Mehlend 4/16/73
Chief, Bureau of Highways Date

APPROVED: Office of Planning and Zoning
S. H. Crayton 4/13/73
Chief, Division of Land Development and Transportation Planning Date

DATE	
BY	
REVISION	
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BY	
REVISION	
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REVISION	
NO.	





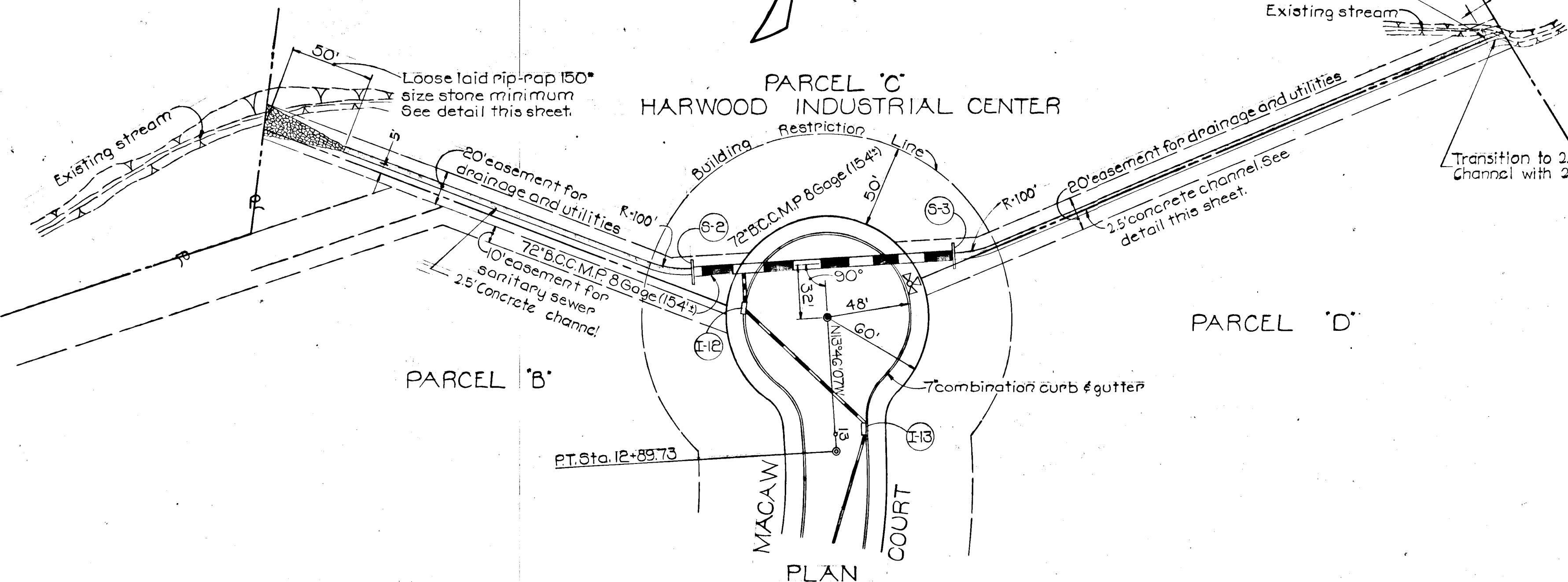
See storm drain computations for Channel Design Data.

CONCRETE CHANNEL DETAIL
Not to Scale

RIP-RAP CHANNEL
0+00 TO 0+50 DOWNSTREAM

END SUPPORT WALL S-3 & S-4
Scale: 1"=5'

DATE	
BY	
SUPPLIED	
NOTED	
ALIGNED	
CHECKED	
NO. OF SHEETS	
PLAN	
NOTE BOOK	
NO.	

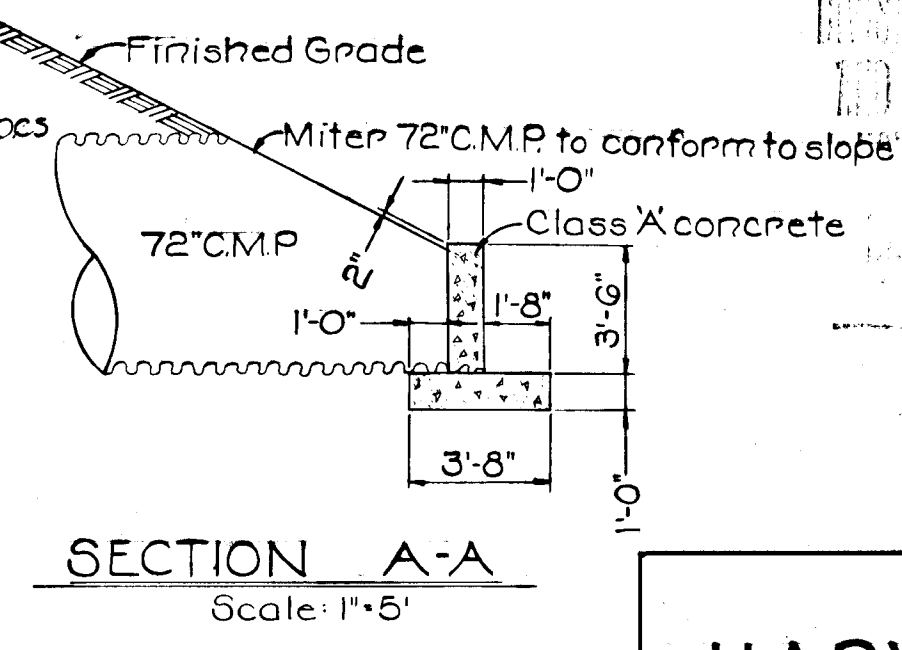


PARCEL 'C'
HARWOOD INDUSTRIAL CENTER

PARCEL 'B'

PARCEL 'D'

PLAN
Scale: 1"=50'



SECTION A-A
Scale: 1"=5'

12/16/72 DATE

WILLIAM J. JONES

REG. NO. 4575

BAR DISPOSITION

*4 bent bars @ 1'-0" %

*4 bars @ 1'-7" both faces

*4 bars @ 1'-3" %

*4 bars @ 1'-4" %

All bars 2" clear unless otherwise noted.

DESIGNED BY: R.B.C.

DRAFTED BY: C.J.C.

CHECKED BY: R.B.C.

PURDUM & JESCHKE
CONSULTING ENGINEERS &
LAND SURVEYORS
1023 N. CALVERT STREET
BALTIMORE, MARYLAND 21202

OWNER & DEVELOPER
A.G. PARROTT
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ELK RIDGE, MARYLAND

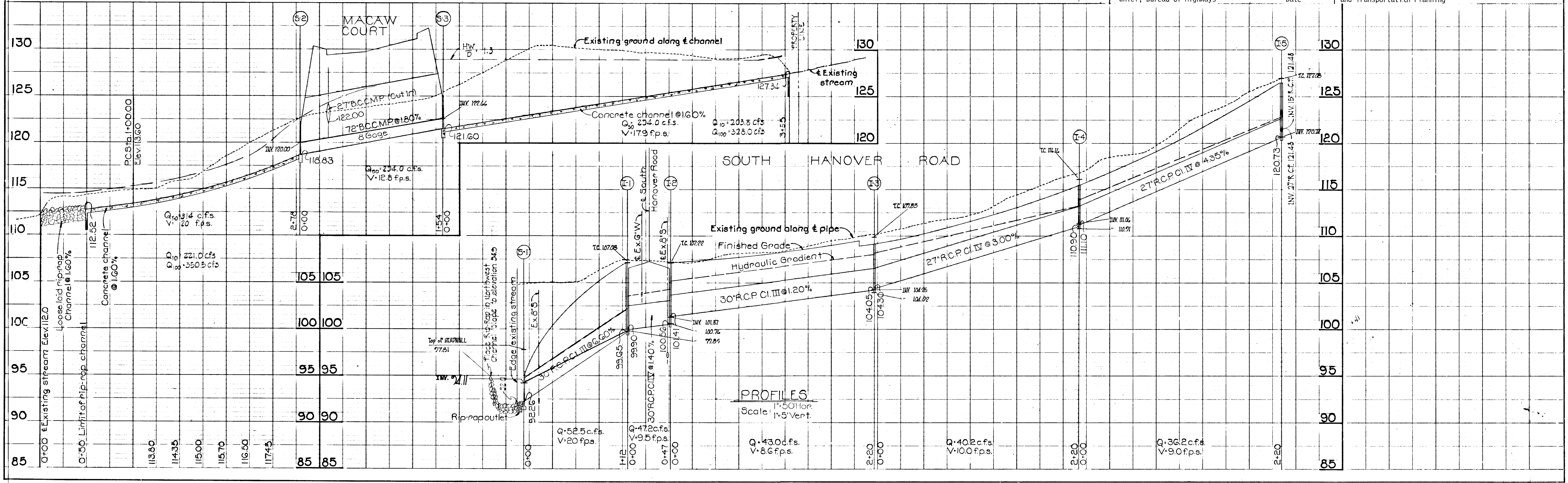
PLAN AND PROFILE
HARWOOD INDUSTRIAL CENTER
A RESUBDIVISION OF PARCEL 'B' & PARCEL 'C'
SECTION 2
A.G. PARROTT INDUSTRIAL PARK
1st ELECTION DISTRICT
DECEMBER 26, 1972

SHEET 4 OF 5

HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN

APPROVED: Department of Public Works
S. M. McLeod
Chief, Bureau of Highways
4/16/73
Date

APPROVED: Office of Planning and Zoning
I. J. Jones
Chief, Division of Land Development
and Transportation Planning
4/16/73
Date



PROFILES
Scale: 1"=50' Hor.
1"=5' Vert.

DATE	
BY	
SUPPLIED	
NOTED	
GRADES CHECKED	
SECTIONAL NOTATIONS CHECKED	
PROFILE	
NOTE BOOK	
NO.	

STRUCTURE SCHEDULE					
STRUCTURE	TYPE	INV. IN	INV. OUT	TOP ELEV.	STD. DETAIL
I-1	A-5	99.90	99.65	107.15	P.119A Dwg 64A
I-2	A-5	101.41	100.56	107.15	P.119A Dwg 64A
I-3	Depr. S-Comb.	104.30	104.05	109.69	
I-4	Depr. S-Comb.	111.10	110.90	116.10	
I-5	Depr. S-Comb.	121.48	120.73	127.09	
I-6	A-10		121.70	127.22	P.119A Dwg 64A
I-7	Depr. S-Comb.	125.35	123.47	131.57	
I-8	Depr. S-Comb.	125.25	125.00	131.57	
I-9	Depr. Dbl. S-Comb.		131.50	135.15	P.154 Dwg D 99
I-10	Depr. Dbl. S-Comb.	135.68	135.43	139.40	P.154 Dwg D 99
I-11	Depr. Dbl. S-Comb.		145.88	149.61	P.154 Dwg D 99
I-12	A-5	124.94	124.69	129.92	P.119A Dwg 64A
I-13	Depr. S-Comb.	128.62	128.37	133.05	
I-14	Depr. S-Comb.	138.44	138.19	143.15	
I-15	Depr. Dbl. S-Comb.		147.29	151.90	P.154 Dwg D 99
S-1	'C' Endwall		92.26	95.76	P.1070 Dwg D 54
S-2	Endwall		118.63	122.33	
S-3	Endwall	121.60		125.10	

BENCH MARKS

B.M. #4 ELEV. 106.06
cut in corner of headwall
33' Southwest of B-4

B.M. #5 ELEV. 121.81
Nail in 20" Pin Oak 22' South
west of B-5

- GENERAL NOTES**
- All construction and materials shown hereon shall be in accordance with the Howard County Road Construction Code and Standard Specifications dated November 27, 1962 and revised August, 1967.
 - Reference to page and drawing numbers shown hereon are referred to the above mentioned Road Construction Code and Standard Specifications.
 - The location of existing utilities shown hereon has been shown from the best available information. The Contractor shall, however, determine the exact location prior to the beginning of any construction shown hereon.
 - Design Speed Data
a) Macaw Court - 30 M.P.H.
b) South Hanover Road - 40 M.P.H.

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Robert W. Ziehm 4/15/73
Signature of Developer Date

ENGINEER'S 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 Soil Conservation District.

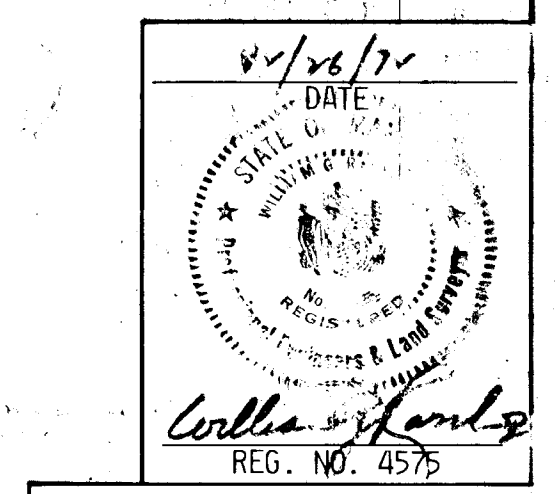
Charles E. Nudd, Jr. 4/12/73
Signature of Engineer Date

Reviewed for Howard County Soil Conservation District and meets Technical Requirements.
Charles E. Nudd, Jr. 4/12/73
U.S. Soil Conservation Service Date

This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

Approved: *Robert W. Ziehm* 4/12/73
District Coordinator Date
Howard Soil Conservation District

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 4/15/73



DESIGNED BY: R.B.C.
DRAFTED BY: C.J.C.
CHECKED BY: R.B.C.

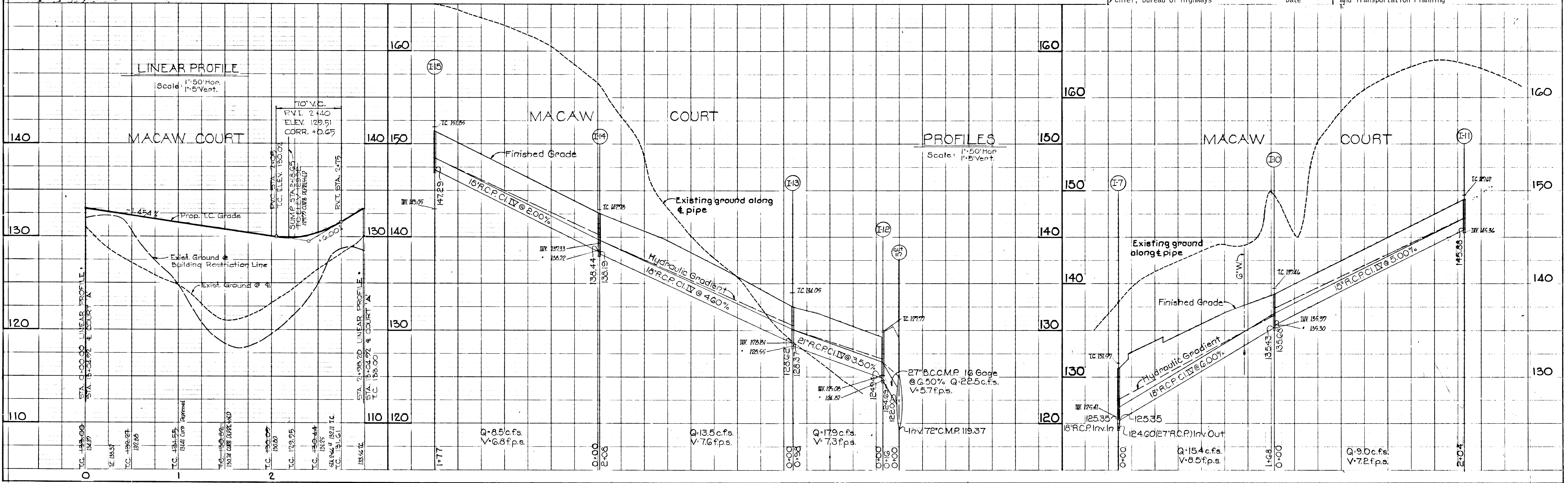
PURDUM & JESCHKE
CONSULTING ENGINEERS &
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1023 N. CALVERT STREET
BALTIMORE, MARYLAND 21202

OWNER & DEVELOPER
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ELKRIDGE, MARYLAND

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APPROVED: Department of Public Works
J. M. McLeod 4/16/73
Chief, Bureau of Highways Date

APPROVED: Office of Planning and Zoning
J. W. Harrison 4/13/73
Chief, Division of Land Development and Transportation Planning Date



PLAN
DATE
BY
SURVEYED
NOTED
DRAWN
CHECKED
NO. OF SHEETS
NO. OF SHEETS CHECKED

PROFILE
DATE
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