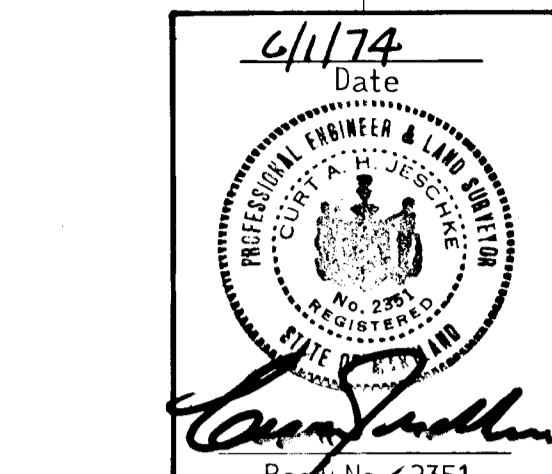
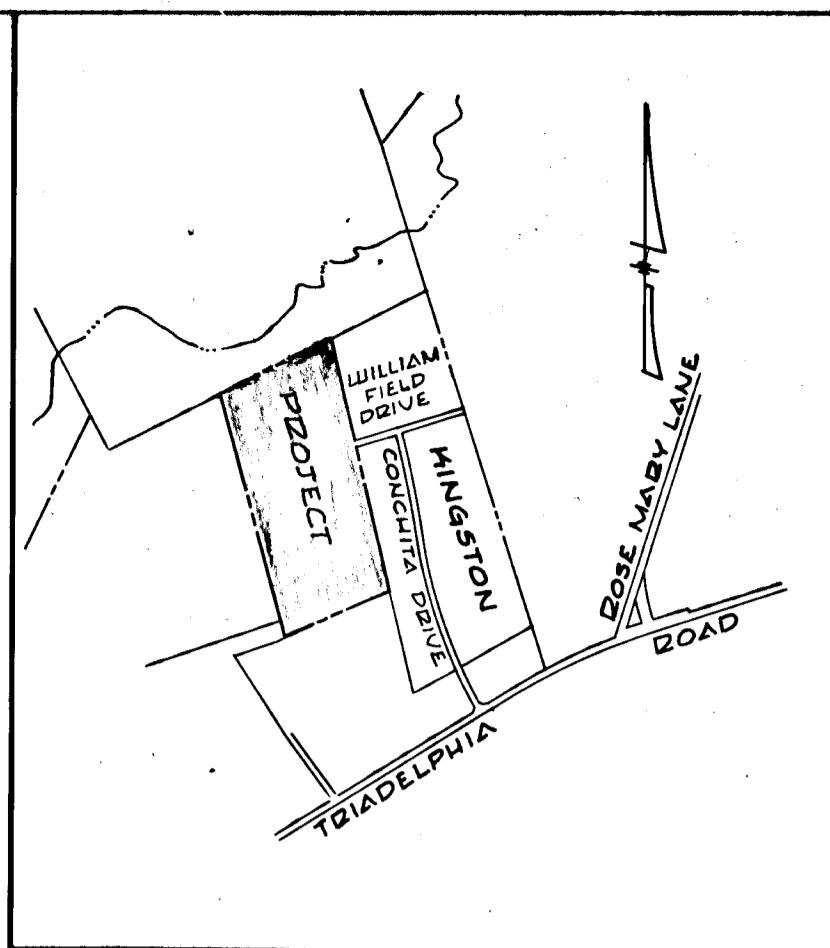
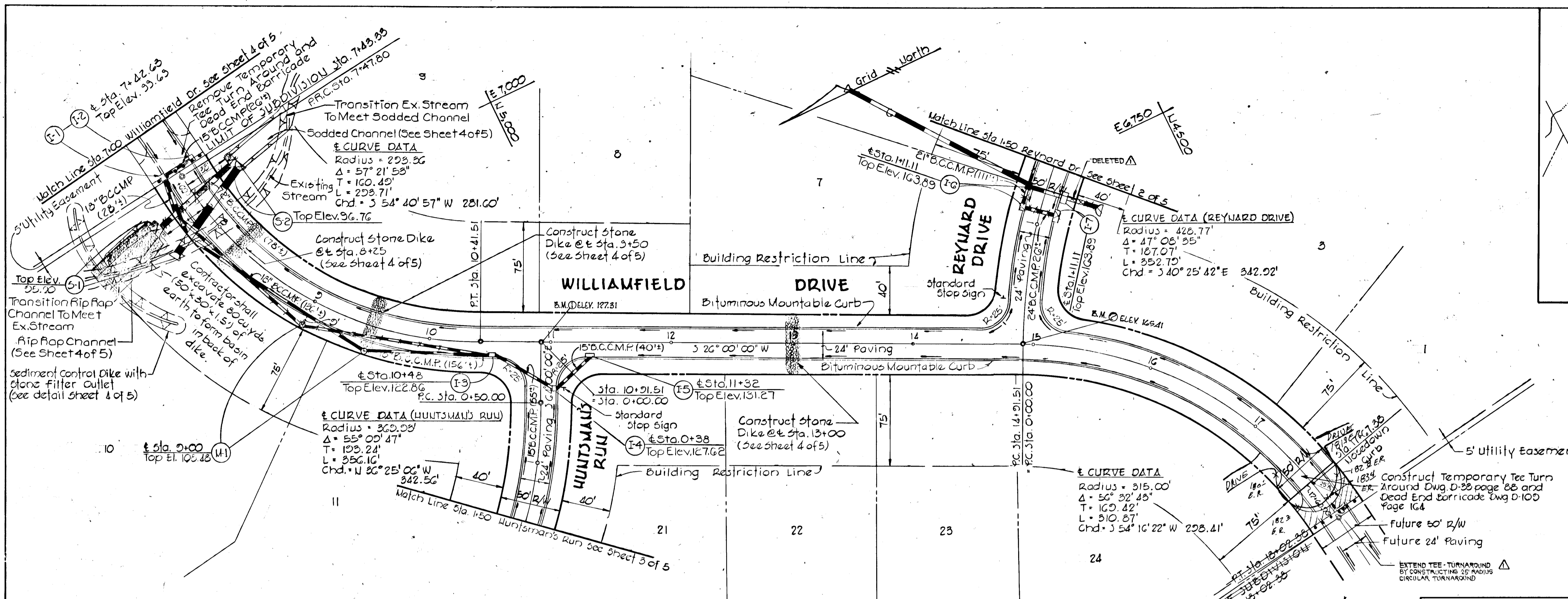


DATE: _____ BY: _____
 NO. _____
 NOTE BOOK GRADES CHECKED: _____
 NO. _____
 NOTE BOOK PLAN CHECKED: _____
 NO. _____



Designed by: C. J. Grovo
 Drafted by: D. A. Hamill
 Checked by: R. B. Carter

PURDUM & JESCHKE
 CONSULTING ENGINEERS &
 LAND SURVEYORS
 1023 N. Calvert Street
 Baltimore, Maryland 21202

OWNER & DEVELOPER
 ADELPHIA DEVELOPERS
 1318 Malbay Drive
 Lutherville, Maryland 21093

NO.	DATE	REVISION
10	3-80	EXTEND TEE-TURNAROUND, DELETE STORMWATER PIPE

PLAN AND PROFILE
 WILLIAMFIELD DRIVE

EAGLES LOFT

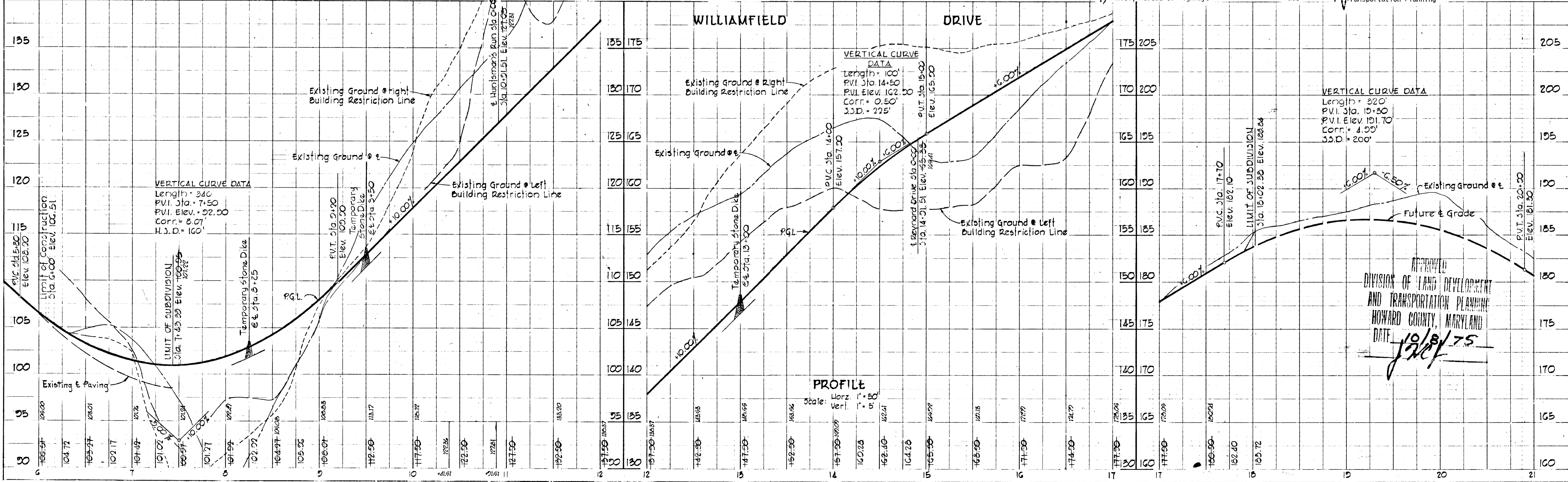
3rd ELECTION DISTRICT
 July 12, 1974
 Rev. 9-5-74

Sheet 1 of 5
 HOWARD COUNTY, MARYLAND
 SCALE: As Shown

PLAN
 Scale: 1" = 50'

J. M. McCreary 10/20/75
 Chief, Bureau of Highways Date

J. H. Clouse 10/11/75
 Chief, Division of Land Development and Transportation Planning Date



PROFILE
 Scale: Horiz. 1" = 50'
 Vert. 1" = 5'

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10/8/75
J. H. Clouse

DATE: _____ BY: _____
 NO. _____
 NOTE BOOK GRADES CHECKED: _____
 NO. _____
 NOTE BOOK PLAN CHECKED: _____
 NO. _____

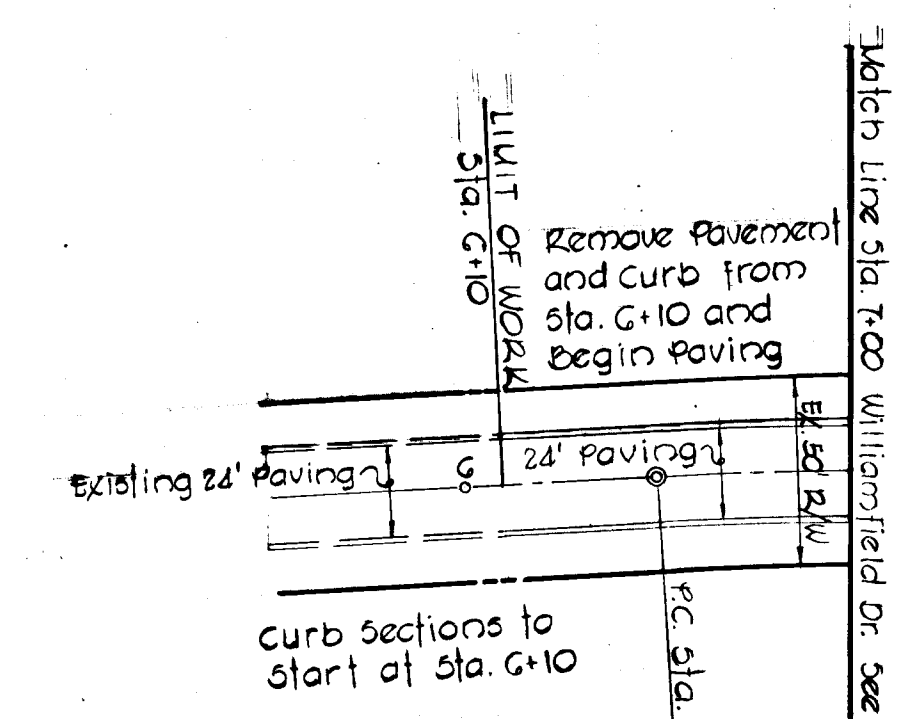
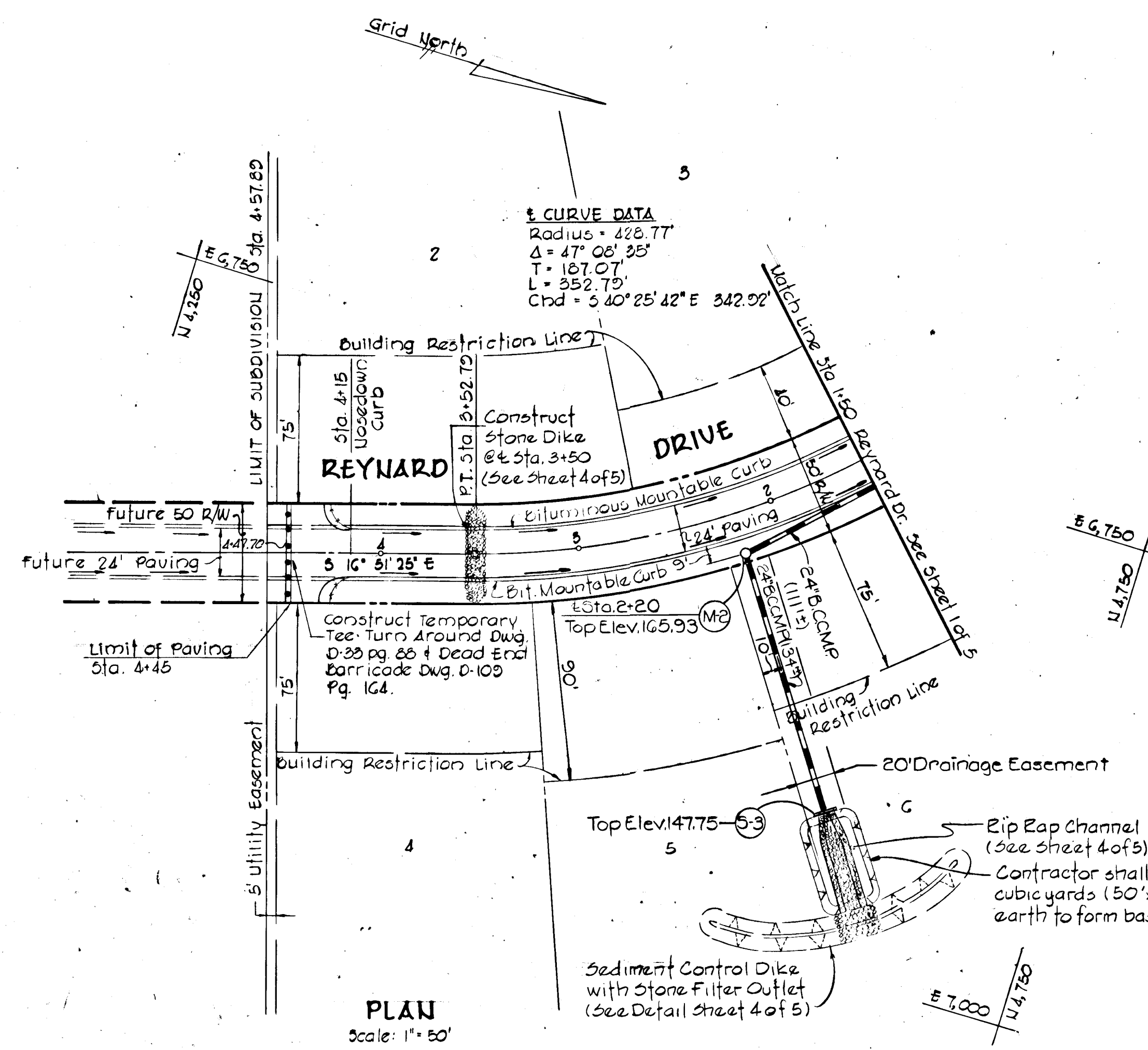
CONSTRUCTION SEQUENCE

1. Construct sediment control dikes downstream of structure No. S-1 and No. S-3*
2. Clear and grade roads to subgrade elevations.
3. Construct temporary stone dikes at locations indicated on plans.
4. Construct storm drain systems, Rip-Rap proposed channels where indicated.
5. Cap storm drain inlets.
6. Stabilize roadway slopes; seed and mulch.
7. Remove temporary stone dikes and lay base course for roads.
8. Uncap inlets, lay surface course for roads and curbing.
9. Fine grade slope areas between rear of curb and property line, seed and mulch.
10. Remove sediment control dikes @ S-3 and S-1, and stabilize the areas where removed.

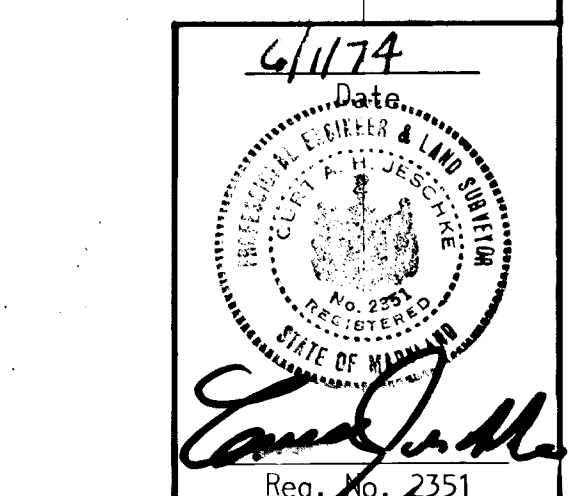
* Contractor shall remove and dispose of sediment trapped within the excavated areas in back of these dikes following any rainfall of sufficient intensity to generate silt to these traps.

SITE ANALYSIS

- | | |
|-----------------------------|--------------------------------|
| 1. Total area of Tract | 29.06 Ac.± |
| 2. Total disturbed area | 4.5 Ac.± (Under this contract) |
| 3. Ultimate impervious area | 9.3 Ac.± |
| 4. Area to be Re-vegetated | 3.0 Ac.± (Under this contract) |
| 5. Undisturbed area | 24.56 Ac.± |



CURVE DATA Sta. 7+43.95 To Sta. 7+78.0
Radius = 841.19'
Δ = 00° 18' 17"
T = 2.24'
L = 4.47'
Chd = S 83° 12' 45" W 4.47'



Designed by: *C. Crovo*
Drafted by: *D. A. Hamill*
Checked by: *R. B. Carter*

PURDUM & JESCHKE
CONSULTING ENGINEERS &
LAND SURVEYORS
1023 N. Calvert Street
Baltimore, Maryland 21202

OWNER & DEVELOPER
ADELPHIA DEVELOPERS
1318 Malbay Drive
Lutherville, Maryland 21093

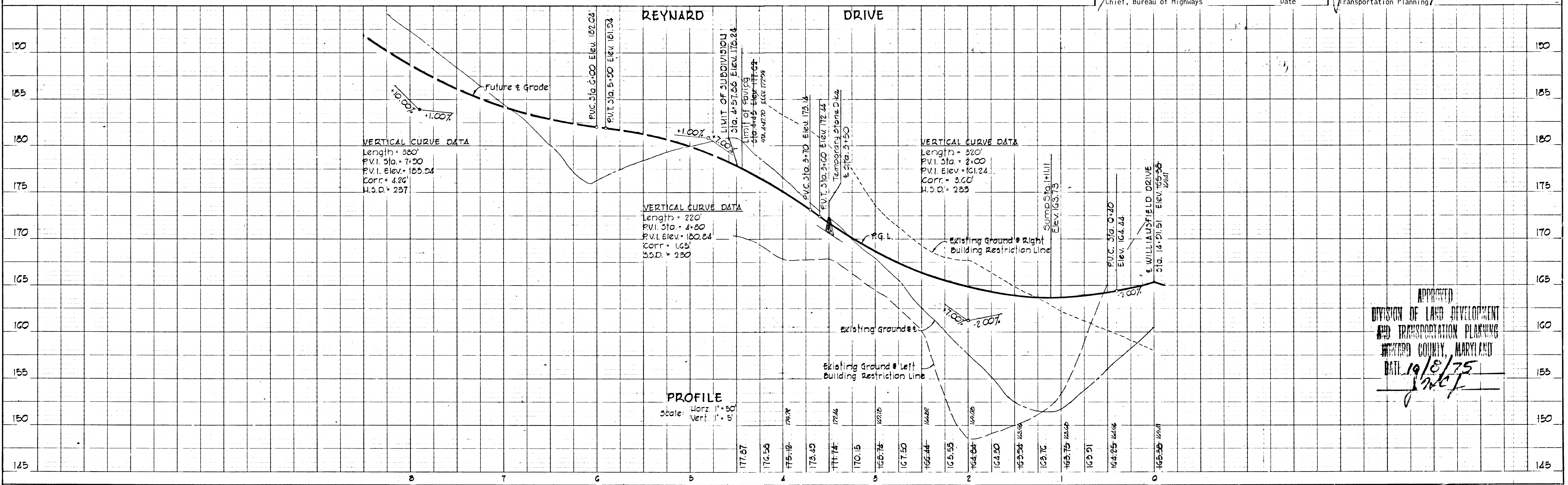
PLAN AND PROFILE
REYNARD DRIVE

EAGLES LOFT

3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
July 12, 1974 Sheet 2 of 5 SCALE: As Shown
Rev. 5-5-74

Mr. McEneaney 10/20/75 Date
Chief, Bureau of Highways

J. H. Clawson Date
Chief, Division of Land Development and Transportation Planning



APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/18/75
J. H. Clawson

DATE: _____
BY: _____
SURVEYED: _____
NOTE BOOK: _____
ALIGNMENT CHECKED: _____
RT. OF WAY CHECKED: _____
No. _____

DATE: _____
BY: _____
SURVEYED: _____
NOTE BOOK: _____
GRADES CHECKED: _____
ELEVATIONS CHECKED: _____
No. _____

STRUCTURE SCHEDULE					
STRUCTURE	TYPE	INV. IN.	INV. OUT.	TOP ELEV.	STD. DETAIL
I-1	A-5		96.31	99.69	P. 119-ADWG 64A
I-2	A-5	94.97	94.72	99.69	P. 119-ADWG 64A
I-3	DEPR. SINGLE CORR.	119.40	119.15	122.86	
I-4	DEPR. SINGLE CORR.	123.85	123.60	127.62	
I-5	DEPR. DOUBLE CORR.	127.32	127.45	131.27	
I-6	A-5	168.53	159.29	163.89	P. 119-ADWG 64A
I-7	A-10		159.77	163.89	P. 119-ADWG 64A
M-1	B-SHALLOW	103.98	103.73	108.48	
M-2	B-SHALLOW	157.97	157.72	165.93	
S-1	METAL END SECTION			89.20	
S-2	METAL END SECTION	90.76			
S-3	STD. TYPE "C"		145.00	147.75	P. 107 DWG D-52



Designed by: C. J. Crovo
 Drafted by: D. A. Hamil
 Checked by: R. B. Carter

PURDUM & JESCHKE
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 LAND SURVEYORS
 1023 N. Calvert Street
 Baltimore, Maryland 21202

OWNER & DEVELOPER
 ADELPHIA DEVELOPERS
 1318 Malbay Drive
 Lutherville, Maryland 21093

No.	Date	Description
10-3-80		EXTEND TEE-TURNAROUND - ADD R/S/RAP APRONS
2-18-76		All Profiles (Drafting Error)

PLAN AND PROFILE
 HUNTSMAN'S RUN

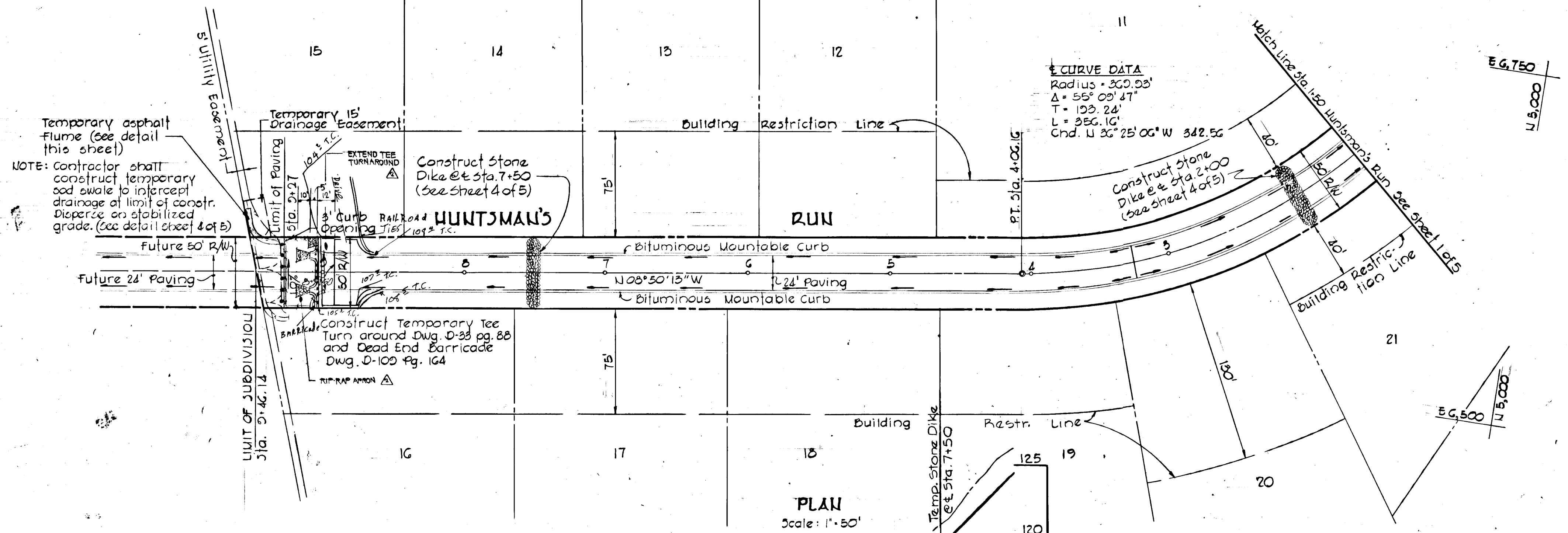
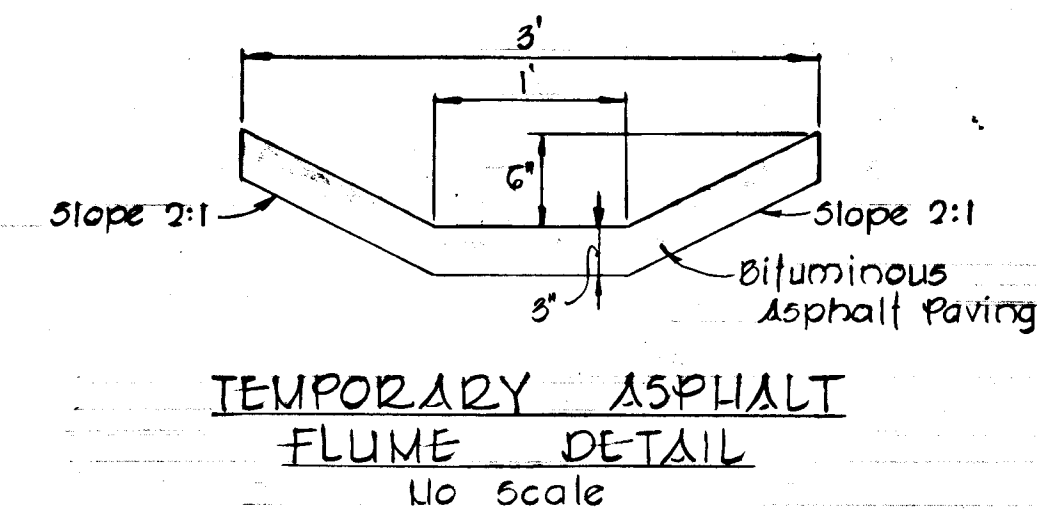
EAGLES LOFT

3rd ELECTION DISTRICT
 July 12, 1974
 Rev. 9-5-74

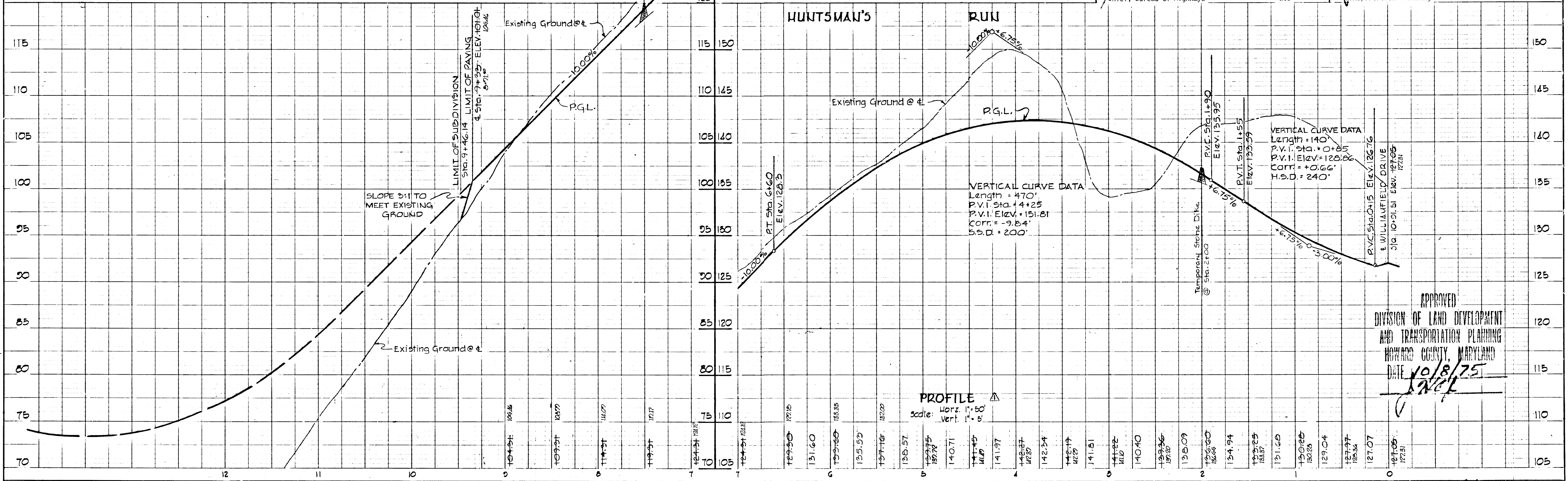
Sheet 3 of 5
 SCALE: As Shown

D. P. Meridian 10/20/75
 Chief, Bureau of Highways

J. H. Clouse 10/20/75
 Chief, Division of Land Development and Transportation Planning



PLAN
 Scale: 1" = 50'



PROFILE
 Scale: Horiz. 1" = 50'
 Vert. 1" = 5'

APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 10/18/75
J. H. Clouse

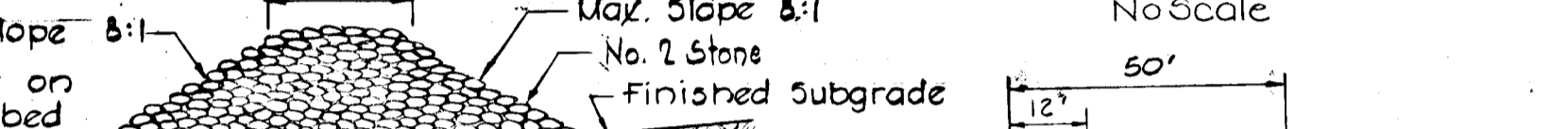
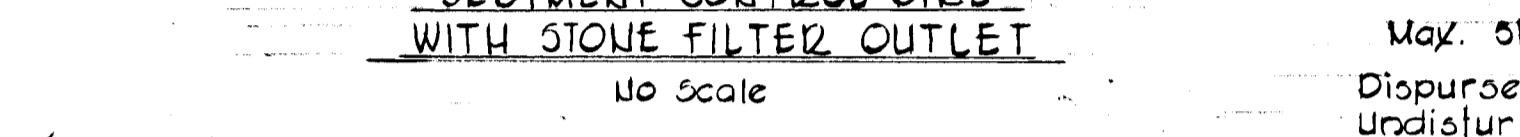
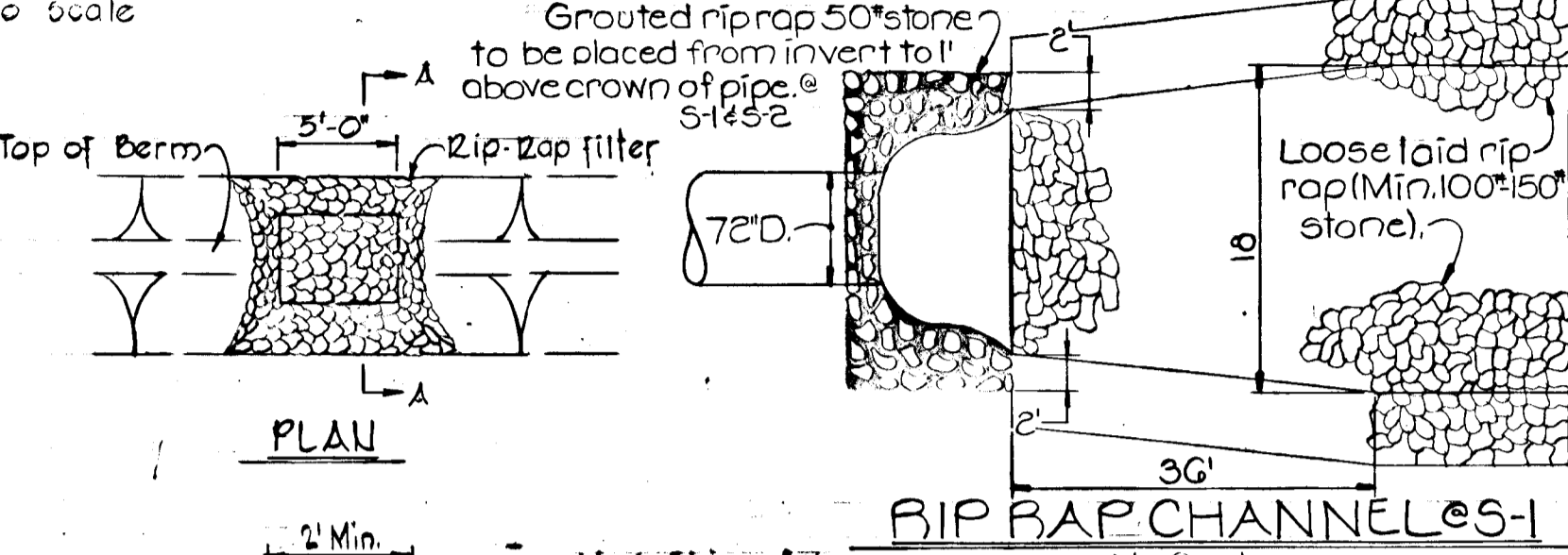
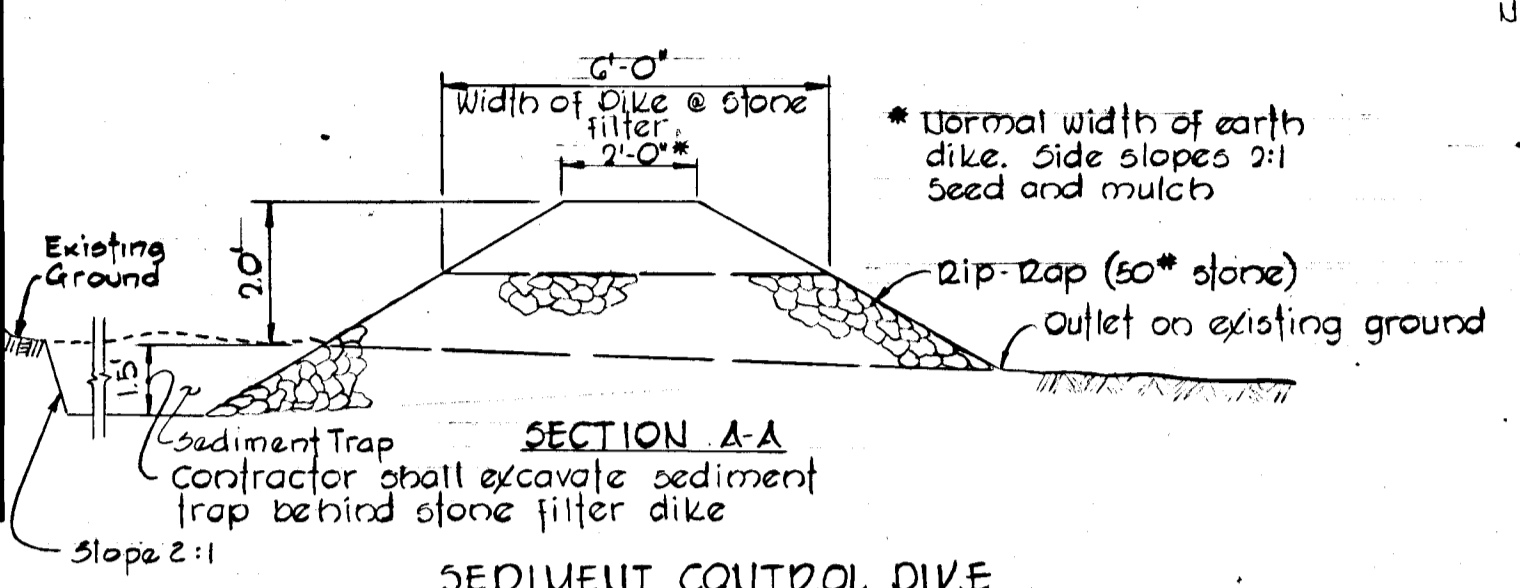
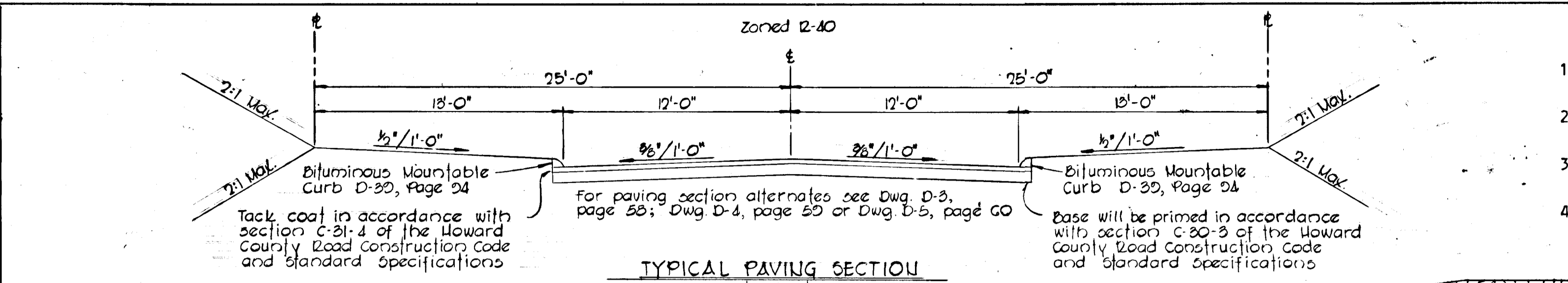
AS BUILT 2/17/81
 F-75-08
 J.R.C.

DATE: _____
 BY: _____
 SURVEYED: _____
 NOTE BOOK: _____
 ALIGNMENT CHECKED: _____
 RT. OF WAY CHECKED: _____
 No. _____

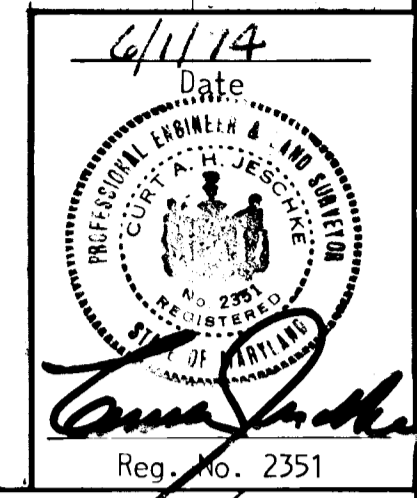
DATE: _____
 BY: _____
 SURVEYED: _____
 PROFILE CHECKED: _____
 NOTE BOOK: _____
 S. & A. NOTES: _____
 SPECIFICATIONS CHECKED: _____
 No. _____

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.
 Signature: *Arthur Levitan* Date: 6/1/74
 ARTHUR LEVITAN, ADELPHIA DEVELOPERS

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.
 Signature: *Robert W. Ziemer* Date: 6/1/74
 Review for Howard Soil Conservation District and meets Technical Requirements. Date: 10/14/75
 U.S. Soil Conservation Service
 This development plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
 APPROVED: *Robert W. Ziemer* Date: 10/14/75
 District Coordinator
 Howard Soil Conservation District



- SEDIMENT CONTROL NOTES**
- The developer shall notify the Howard County Soil Conservation District at least 24 hours prior to beginning any construction shown herein. (465-3180)
 - Berms, sediment traps, etc., to be constructed prior to any onsite grading or disturbance to any existing surface material, and are to be stabilized as soon as constructed.
 - All sediment control structures to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District. (465-3180 or 465-5000 Ext. 291)
 - All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:
 - Site Preparation:
 - Harrow or disc in areas proposed to be seeded the following materials at the specified rate to a depth of 3".
 - Pulverized limestone at 1 1/2 tons/acre.
 - Commercial fertilizer 5-10-10 at 3/4 tons/acre.
 - Super phosphate at 600 lbs./acre.
 - Seeding:
 - Sow the following seed mixture at the rate of 200 lbs./acre with a mechanical spreader.
 - 20% Annual Rye Grass
 - 80% Kentucky 31 Fescue
 - The seeded area shall then be raked with a York Rake (minimum of 2 passes), covered and compacted with Cultipacker or other approved method.
 - Mulching:
 - Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 to 2 tons/acre.
 - Tie mulch down with liquid asphalt at 0.1 gal./s.y. or emulsified asphalt at 0.04 gal./s.y.
- GENERAL NOTES**
- All construction shown herein shall be in accordance with the Howard County Road Construction Code and Standard Specifications dated Nov. 27, 1962 and revised Aug., 1968.
 - Reference to page and drawing numbers shown herein are referred to the above mentioned Road Construction Code and Standard Specifications.
 - Design Speed - 30 miles per hour.
 - Full trench compaction shall be required for all trenches within County Right-of-Way to 95% Optimum.



Designed by: *D.A. Hamil*
 Drafted by: *D.A. Hamil*
 Checked by: *R.B. Carter*

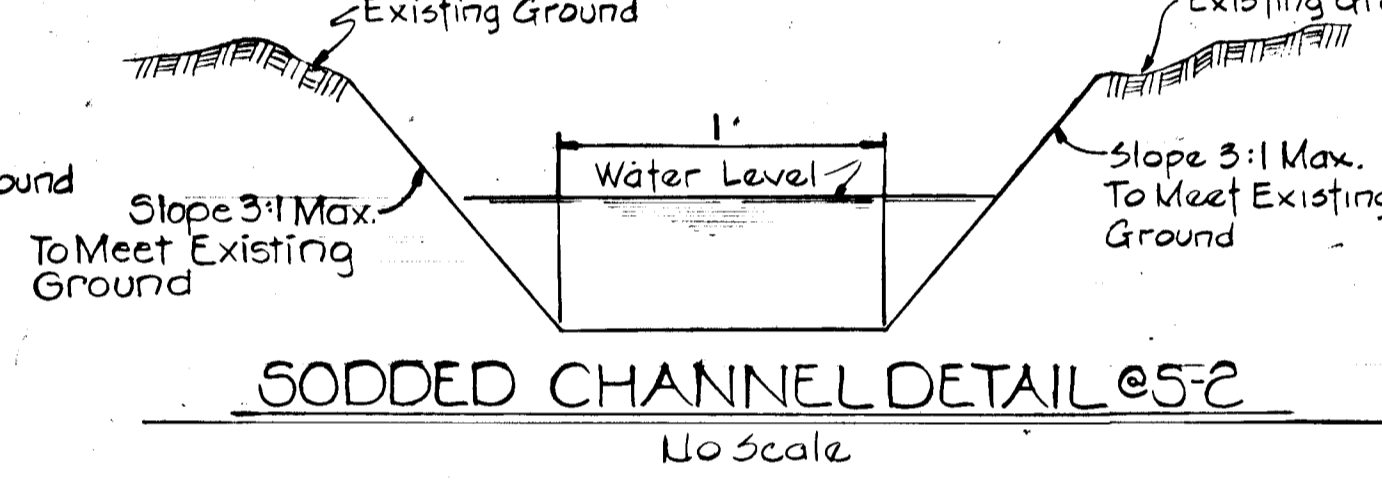
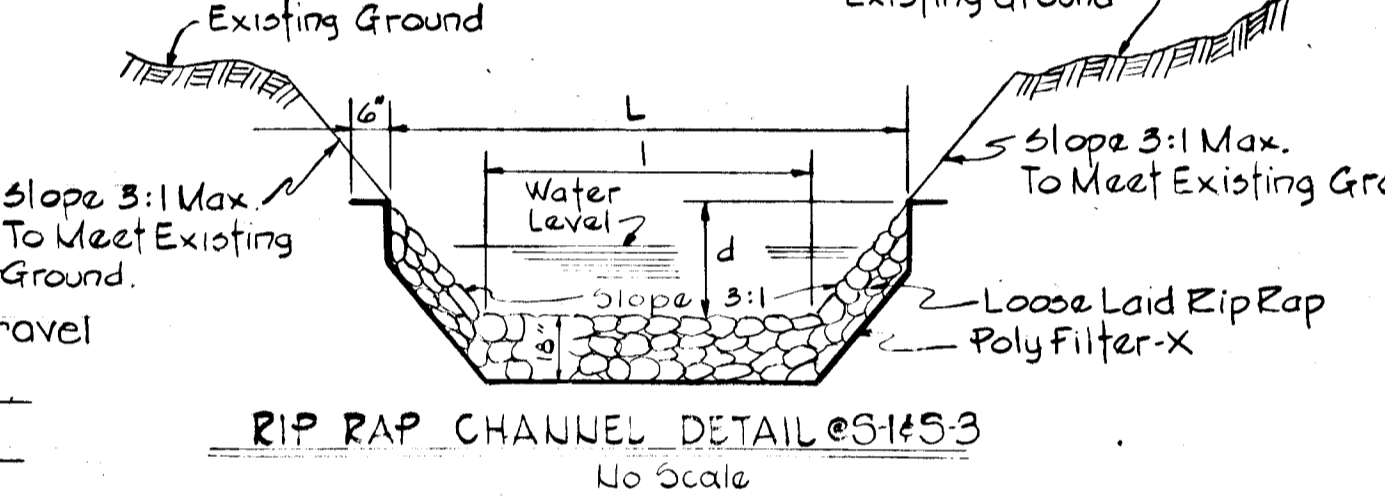
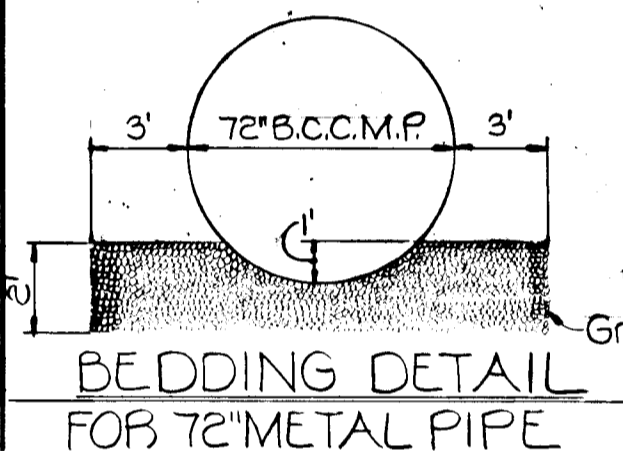
PURFUM & JESCHKE
 CONSULTING ENGINEERS &
 LAND SURVEYORS
 1023 N. Calvert Street
 Baltimore, Maryland 21202

OWNER & DEVELOPER
 ADELPHIA DEVELOPERS
 1318 Malbay Drive
 Lutherville, Maryland 21093

BENCH MARKS

B.M. #1 Elev. 100.00
 5-16 penny nails in 12" poplar in front of Lot 10 Kingslon

B.M. "Hub" Elev. 135.17
 at intersection hub of 10-151.



CHANNEL DESIGN DATA

LOCATION	L	I	d	A	WP	E ₁ %	E ₂ %	S	S ₁ %	V (fps)	Q (cfs)	n	WATER
S-1	37'	13.0'	4.0'	33.00	24.52'	1.37	1.23	2.00%	0.1414	5.2	174.7	0.05	1.82'
S-2	-	13.0'	-	21.56	21.10'	1.02	1.01	2.00%	0.1414	7.1	153.1	0.03	1.28'
S-3	3.38'	2.0'	1.33'	5.00	8.32'	0.601	0.712	2.00%	0.1414	3.00	15.0	0.05	1.00'

EAGLES LOFT

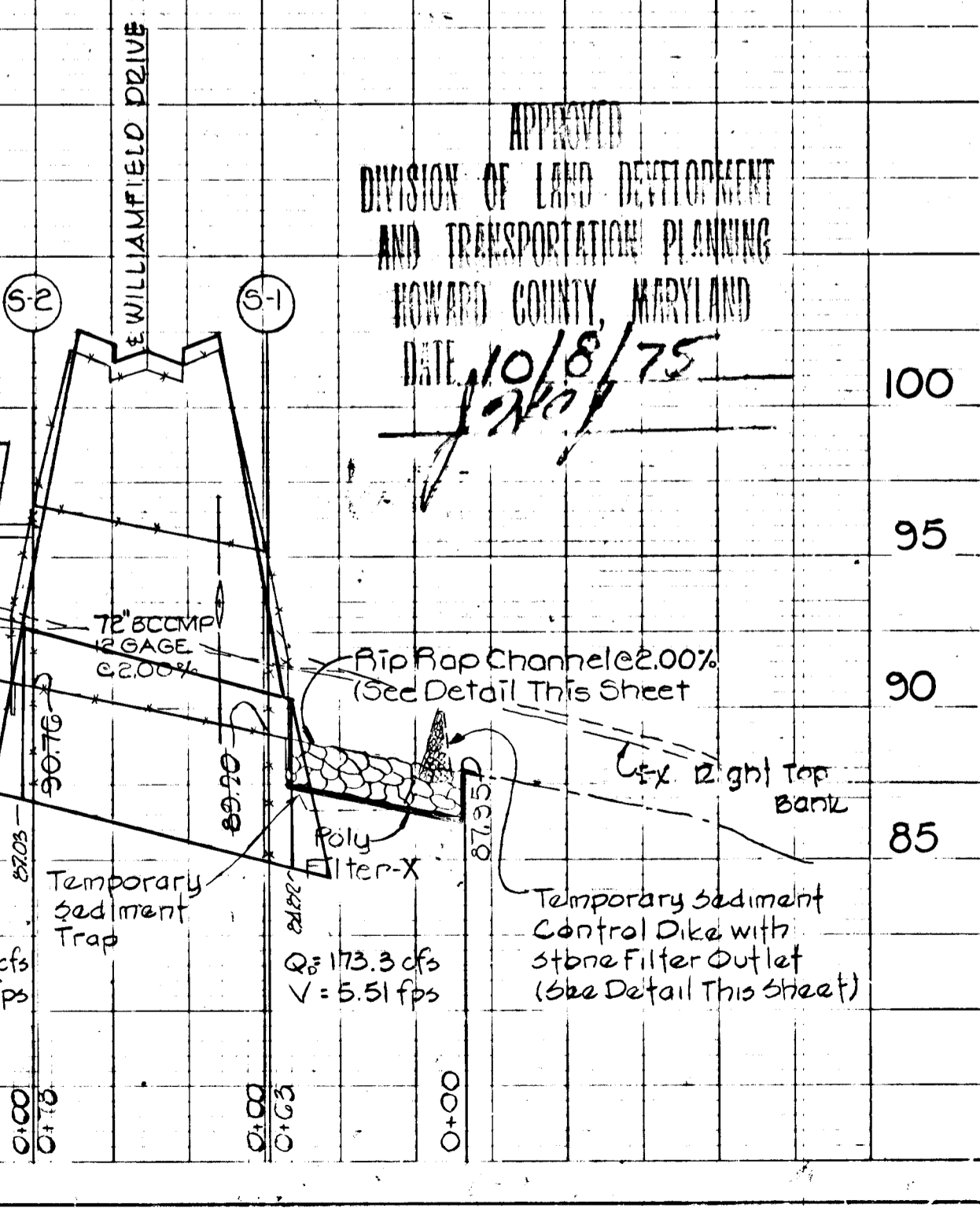
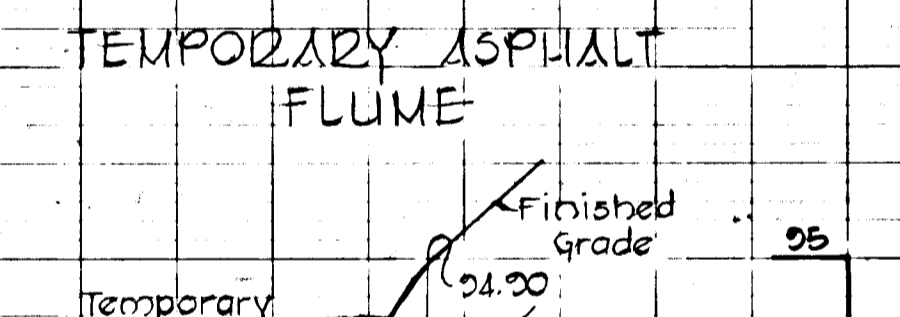
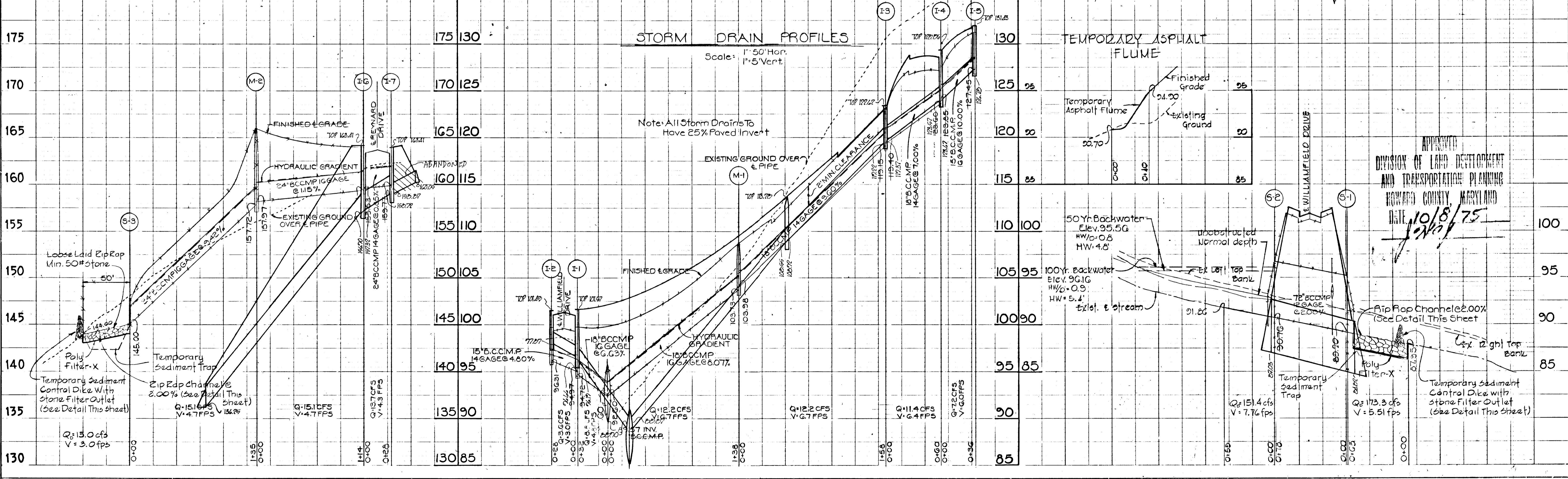
3rd ELECTION DISTRICT
 July 12, 1974
 Rev. 9-5-74

Sheet 4 of 5

HOWARD COUNTY, MARYLAND
 SCALE: As Shown

J. H. Millard Chief, Bureau of Highways
 Date: 10/20/75

J. H. Lawrence Chief, Division of Land Development and Transportation Planning
 Date: 10/18/75



APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 10/18/75
J. H. Lawrence

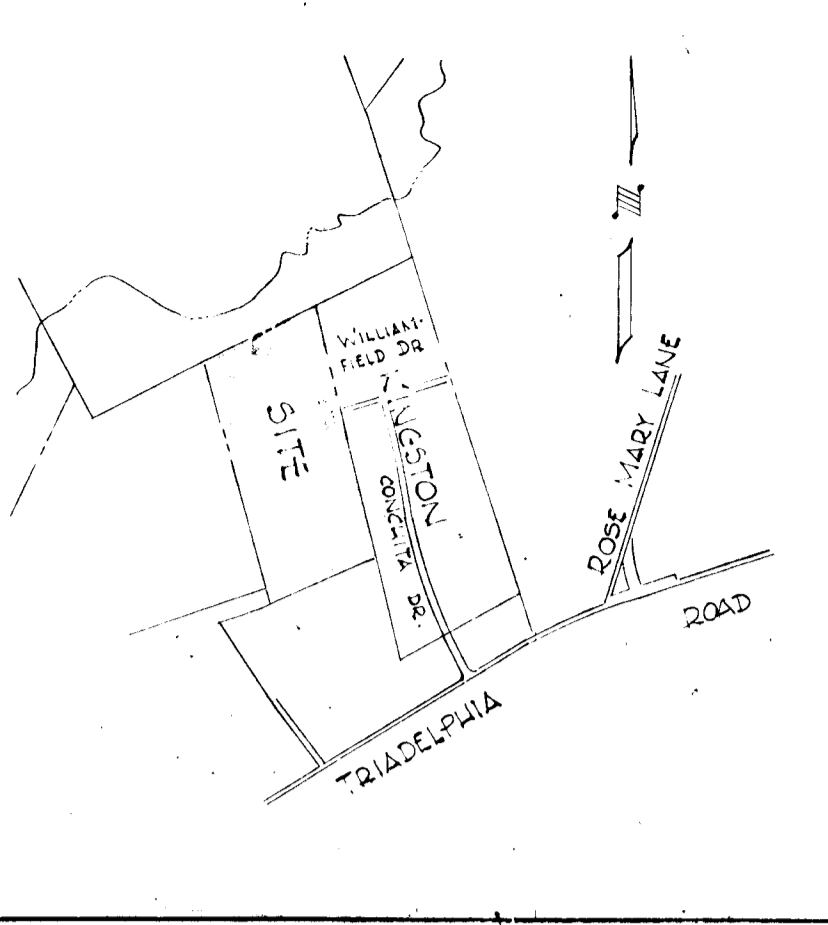
PERCOLATION TEST DATA

LOT NO.	AVERAGE PERCOLATION TIME IN MINUTES FOR SECOND INCH.	MAXIMUM DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST.
1	3 1/2	3'
2	4	4'
3	7	4'
4	5 1/2	3 1/2'
5	3	3'
6	2	3'
7	4 1/2	4'
8	3 1/2	4'
9	6 1/2	4'
10	4	4 1/2'
11	5	3'
12	4	3'
13	3	3'
14	7	3'
15	7	3'
16	5	3'
17	6	3'
18	7	4'
19	6 1/2	3'
20	5	3'
21	7	3'
22	3 1/2	3'
23	4	4'
24	4 1/2	3'

APPROVED FOR INDIVIDUAL SEWAGE AND WATER SYSTEMS

J. Brett Lazar, MD. Date
County Health Officer

The lots shown herein comply with minimum ownership width and lot area as required by the Maryland State Department of Health Regulations.

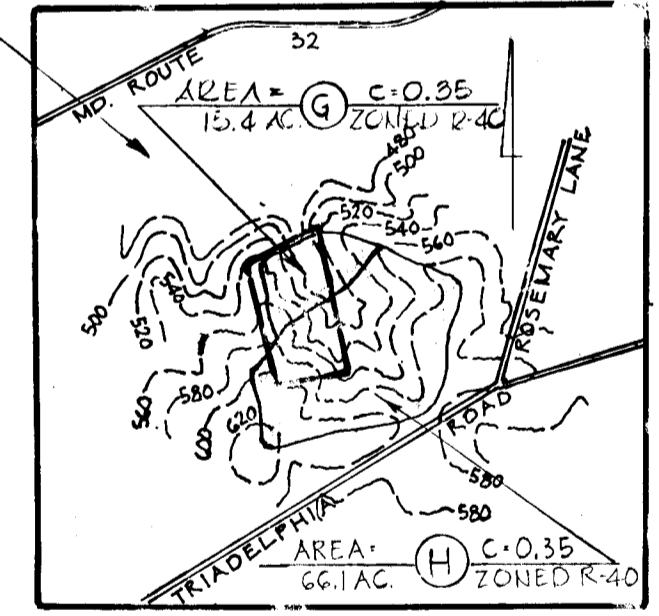


VICINITY MAP
SCALE 1"=1200'

LEGEND
● WELL LOCATION
⊠ PROPOSED DWELLING LOCATION

GENERAL NOTES

1. TOTAL AREA 29.062 Ac ±
2. AREA OF ROADS 3.0 Ac ±
3. NUMBER OF LOTS 24
4. TOP FROM U.S.G.S. MAPS
5. PRESENT ZONING R-40
6. NO SLOPES IN EXCESS OF 25%
7. TAX MAP 22 - PART OF PARCEL 10
8. NOTE: ALL ROADS ARE DESIGNED FOR 30 MPH EXCEPT WILLIAMFIELD DRIVE BETWEEN STA. 7+ AND STA. 5+



DRAINAGE AREA MAP
SCALE: 1"=2000'

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 10/8/75
JAL

DRAINAGE AREA MAP
"EAGLES LOFT"

THIRD ELECTION DISTRICT - HOWARD CO. MD.
JULY 12, 1974
Re: 0-5-74
SCALE 1"=100'
SHEET 5 OF 5

OWNER & DEVELOPER
ADELPHIA DEVELOPERS
1318 MALBAY DRIVE
LUTHERVILLE, MARYLAND
21093

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

No.	Date	Revision
1	2-16-75	Boundaries of Drainage Area "D"

J. H. [Signature] 10/20/75
Chief, Bureau of Highways Date

[Signature] 10/16/75
Chief, Division of Land Development and Transportation Planning Date