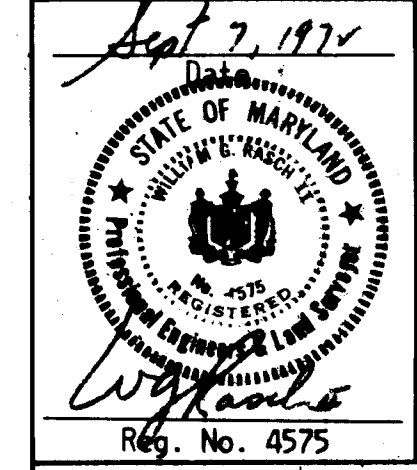
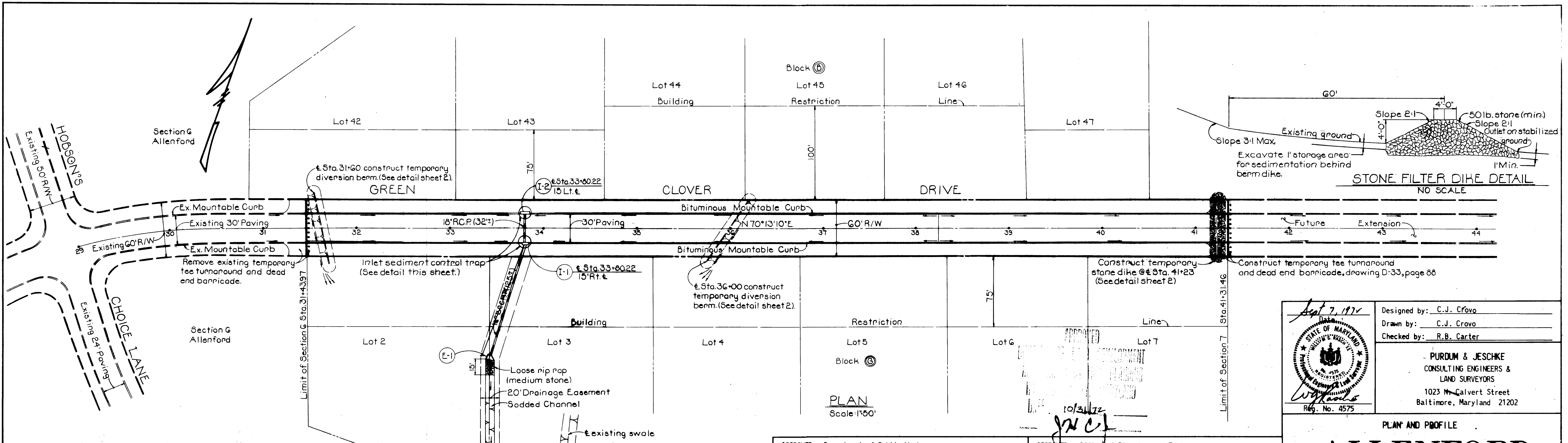


PLAN  
NOTE BOOK  
No.



Designed by: C.J. Crovo  
 Drawn by: C.J. Crovo  
 Checked by: R.B. Carter

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

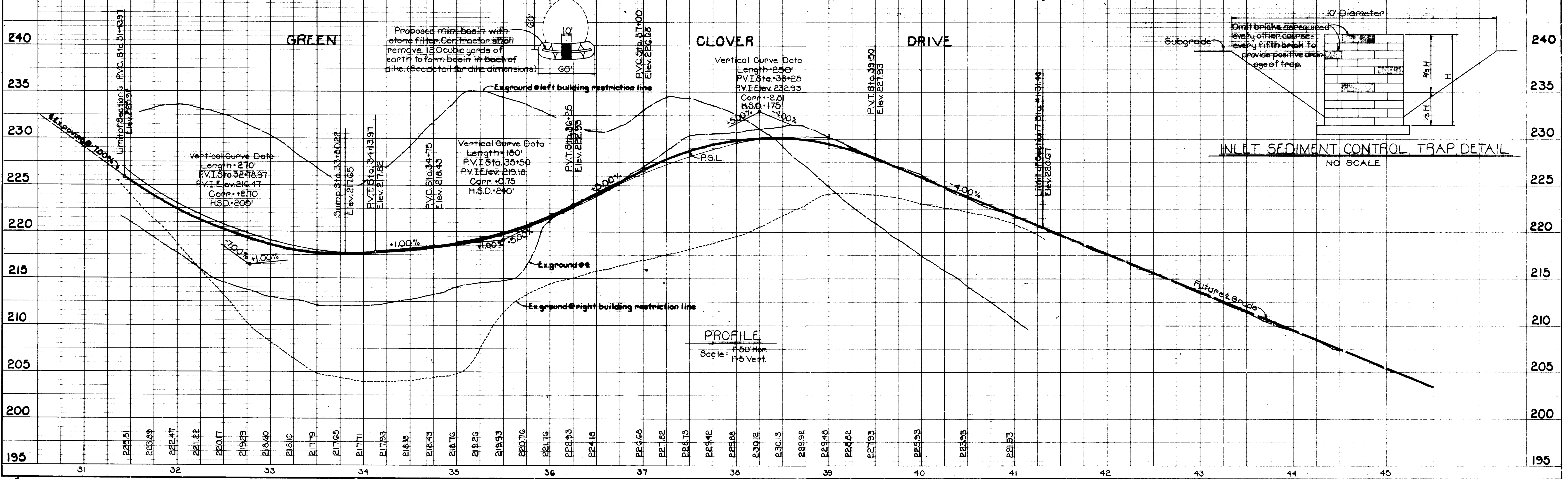
PLAN AND PROFILE  
**ALLENFORD**  
 SECTION SEVEN  
 2nd ELECTION DISTRICT  
 August 30, 1972  
 HOWARD COUNTY, MARYLAND  
 Sheet 1 of 2  
 Scale: As Shown

STRUCTURE SCHEDULE					
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
I-2	"A-10" INLET	213.14	214.10	217.72	Drwg. #D 64-A Page #119A
I-1	"A-5" INLET	213.14	212.64	217.72	Drwg. #D 64-A Page #119A
E-1	Type "FM" Endwall	202.20	204.45	204.45	Drwg. #D 52 Page #107

OWNER & DEVELOPER  
**THE CHAMBERLEA COMPANY**  
 10094 Maplewood Drive  
 Ellicott City, Maryland

APPROVED: Department of Public Works  
*B. M. McManus*  
 Chief, Bureau of Highways  
 Date: 12/30/72

APPROVED: Office of Planning and Zoning  
*J. H. Clauson*  
 Chief, Division of Land Development  
 and Transportation Planning  
 Date: 12/20/72



#5

I certify that all development and/or construction will be done according to this plan of development and plan of silt and sediment control.

The Chamberlea Company  
*Douglas C. Schlichter* Aug 22, 1972  
 President Date

I certify that the plan of development and the plan for control of silt and erosion meets the requirements, standards and specifications of the Howard Soil Conservation District.

*William G. Rasch II* Sept 7, 1972  
 William G. Rasch II Date

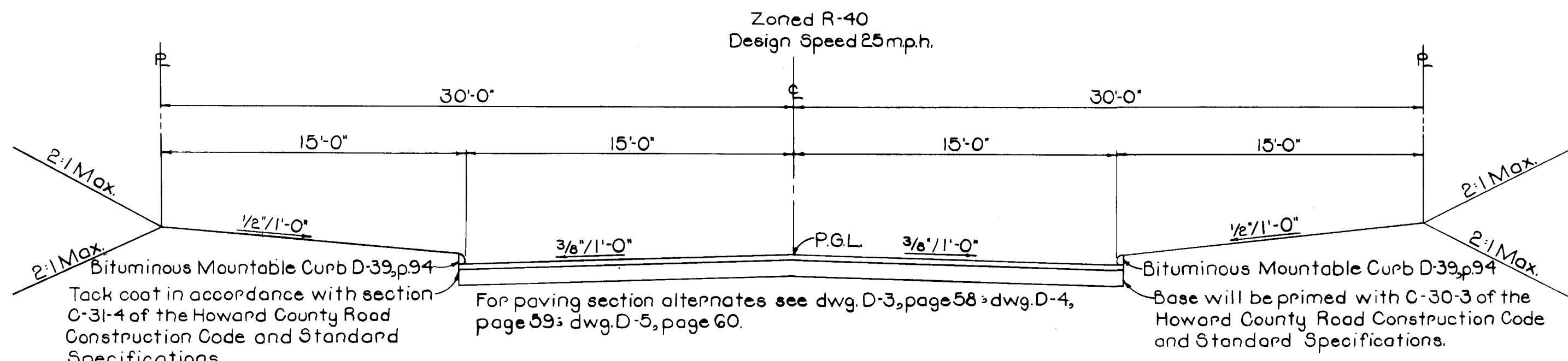
This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

Reviewed: *James M. Nelson* 15 Dec. 1972  
 District Conservationist Date

Approved: *Robert W. Ziegen* 15 Dec. 1972  
 Howard Soil Conservation District Date

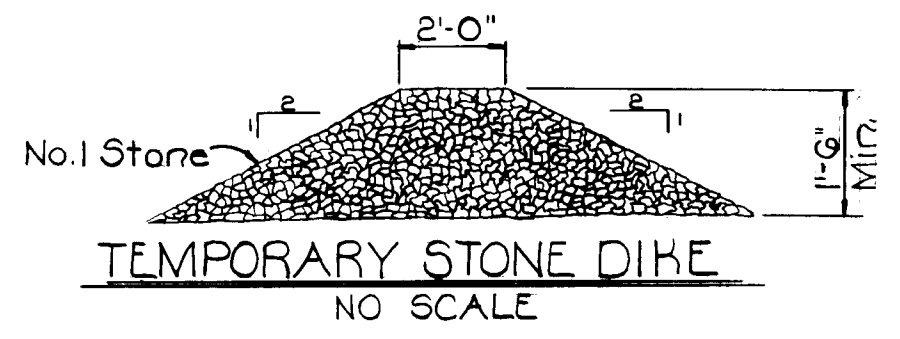
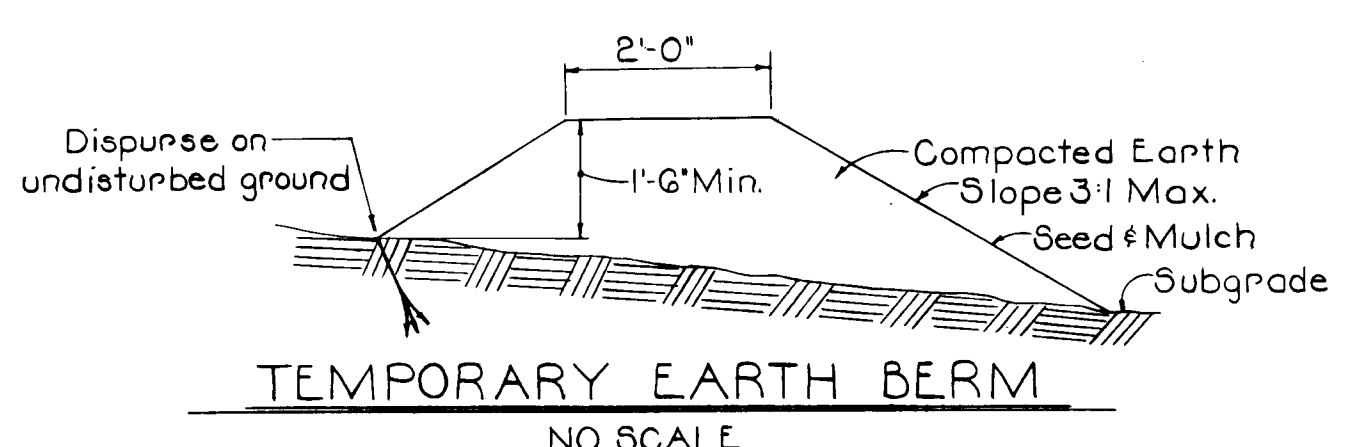
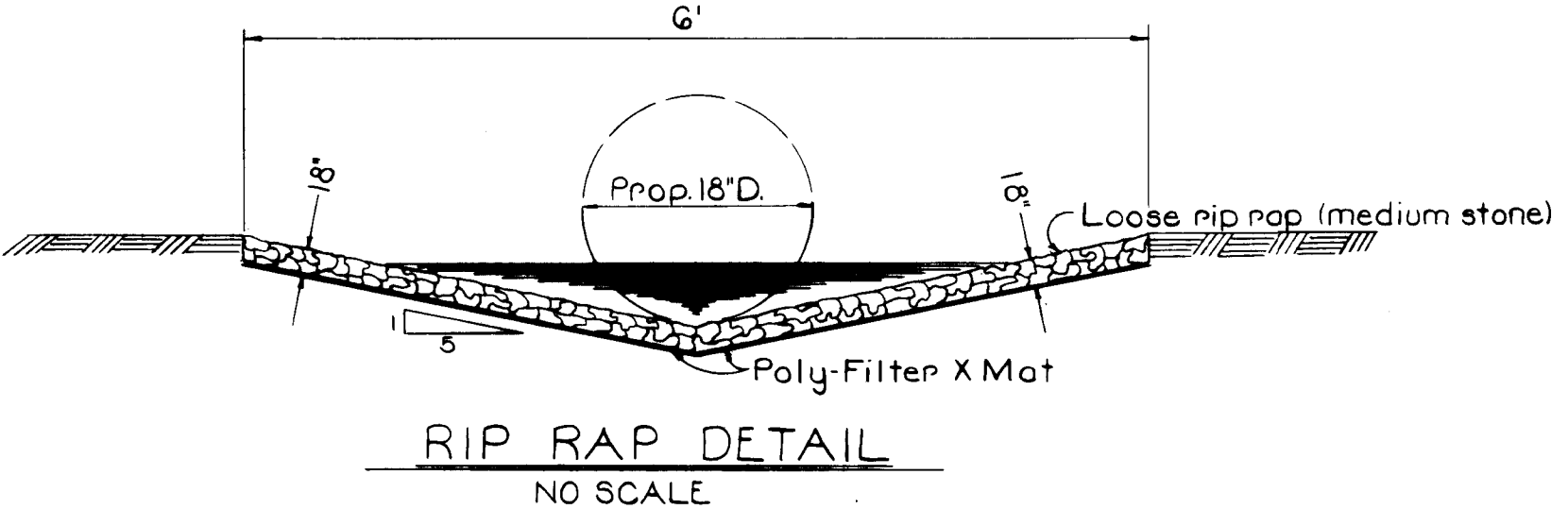
**SEDIMENT CONTROL NOTES**

- The developer shall notify the Howard County Soil Conservation District at Least 24 hours prior to beginning any construction shown hereon. (465-3180)
- Berms, sediment traps, etc., to be constructed prior to any onsite grading or disturbance to any existing surface material.
- 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 @ 1 1/2 tons/acre.
      - Commercial fertilizer 5-10-10 @ 3/4 tons/acre.
      - Super phosphate @ 600 lbs./acre.
    - Seeding:
      - Sow the following seed mixture @ the rate of 200 lbs./acre with a mechanical spreader
        - 20% Annual Rye Grass.
        - 80% Kentucky 31 Fescue (K-31)
      - 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 @ 0.1 gal./s.y. or emulsified asphalt @ 0.04 gal./s.y. or mulch netting.



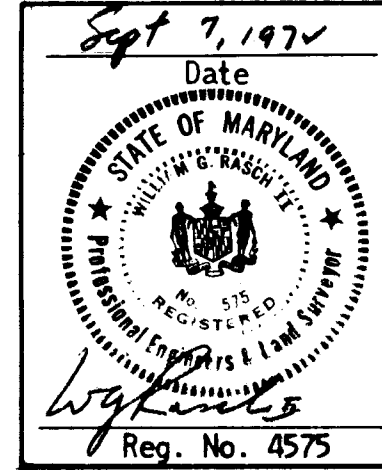
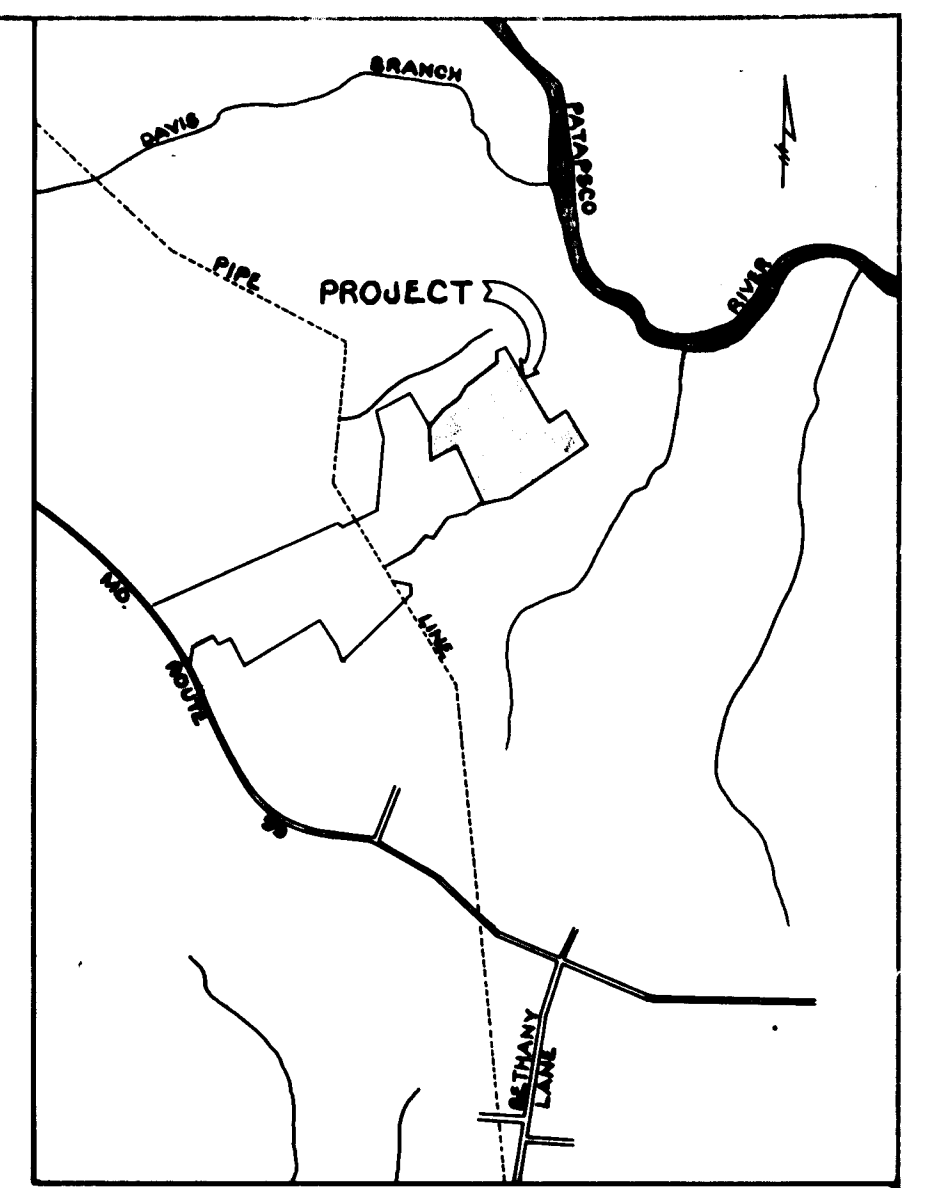
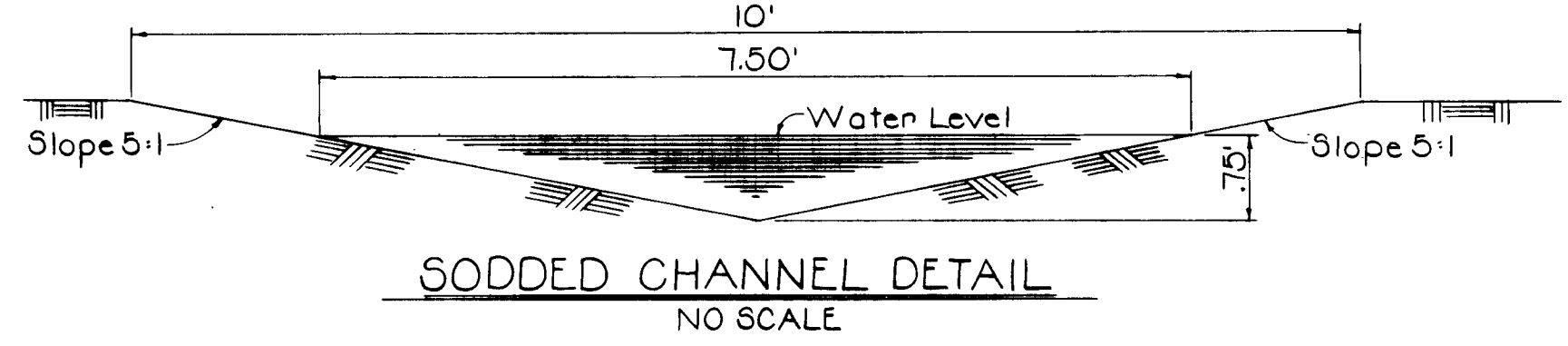
**GENERAL NOTES**

- 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 1967.
- References to page and drawing numbers shown hereon are referred to the above mentioned Road Construction Code and Standard Specifications.
- Design speed 25 m.p.h.



Channel Design Data

A = 2.81'	n = 0.03
P = 7.6'	S = 4.8%
r = 0.37	S <sub>1/2</sub> = 0.2191
n <sub>1/2</sub> = 0.15	V = 1.98 * n <sub>1/2</sub> * s <sup>1/2</sup> = 5.5 f.p.s.
	Q = 2.81 * 5.5 = 15.7 c.f.s.



**PURDUM & JESCHKE**  
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 Drawn by: *C.J. Crove*  
 Checked by: *R.B. Carter*

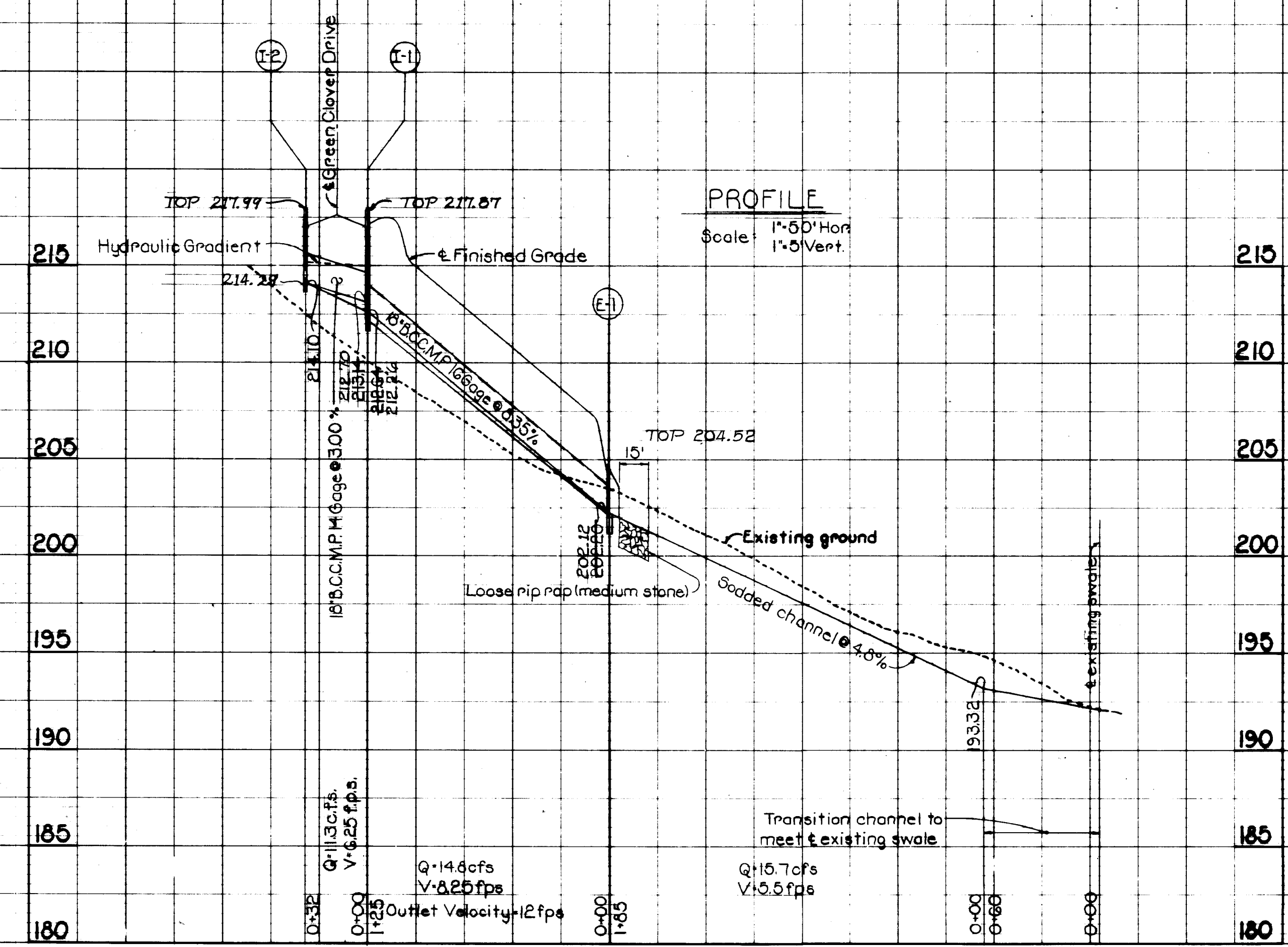
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APPROVED: Department of Public Works  
*B. M. Wehland* 12/30/72  
 Chief, Bureau of Highways Date

APPROVED: Office of Planning and Zoning  
*J. H. Clowry* 12/20/72  
 Chief, Division of Land Development and Transportation Planning Date

DETAILS AND STORM DRAIN PROFILES  
**ALLENFORD**  
 SECTION SEVEN  
 2nd ELECTION DISTRICT  
 August 30, 1972

HOWARD COUNTY, MARYLAND  
 Scale: As Shown  
 Sheet 2 of 2



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 ALIGNED CHECKED: \_\_\_\_\_  
 RT. OF WAY CHECKED: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_  
 GRADES CHECKED: \_\_\_\_\_  
 S.M. & NOTES: \_\_\_\_\_  
 STRUCTURE LOCATIONS CHECKED: \_\_\_\_\_