

NOTE:  
ALL MATERIAL AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

FOR CONTINUATION SEE SHEET E-04-C

EMERALD VALLEY ROAD

VALLEY ROAD

ROAD

EVERGREEN WAY

BLOCK 'C'

BLOCK 'B'

CONSTRUCT VALLEY GUTTER SEE D-41 PAGE 96 OF ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS OF HOWARD COUNTY, MD.

**SEDIMENT CONTROL**  
 1) ALL SEDIMENT CONTROLS MUST BE CONSTRUCTED PRIOR TO ANY GRADING  
 2) ROADWAY BERM TO BE CONSTRUCTED IN CONNECTION WITH ROADWAY CURVE  
 3) GRASSING AREAS SHALL BE PROTECTED FROM EROSION BY MEANS OF LONG TERM SEEDING IN ACCORDANCE WITH THE FOLLOWING  
 a. 3" OF TOP SOIL SHALL BE SPREAD OVER THE DISTURBED AREA  
 b. FERTILIZED LIMESTONE SHALL BE SPREAD AT 2,000 LB./AC.  
 c. COMMERCIAL FERTILIZER OF 10-10-10 RATING OR EQUIVALENT SHALL BE SPREAD AT 1,000 LB./AC.  
 d. UPON COMPLETION OF LIMING & FERTILIZING OPERATION THE AREA SHALL BE PLACED TO A DEPTH OF 3" TO 4" WITH A SMOOTH SEED BED  
 e. THE FOLLOWING SEED MIXTURE SHALL BE SPREAD @ NOT LESS THAN 2 1/2 TONS/AC:  
 ANNUAL RYE GRASS 20% CREEPING RED FESCUE 40% KENTUCKY BLUE GRASS 30% CHINA FESCUE 10%  
 \* MULCH WITH SMALL STRAW STRAW AT 1.5 TONS/AC AND TO DRAIN WITH LIQUID ASPHALT 55-1 @ 200 GAL./AC.

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

REVIEWED: *[Signature]* 12/19/72  
 DISTRICT CONSERVATIONIST  
 APPROVED: *[Signature]* 12/19/72  
 HOWARD COUNTY CONSERVATION DISTRICT

I CERTIFY THAT THE PLAN OF DEVELOPMENT AND THE PLAN FOR EROSION CONTROL AND SEDIMENT CONTROL WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN OF SOIL AND SEDIMENT CONTROL.

*[Signature]* 7/31/72  
 ALEXANDER F. RATNER  
 DEVELOPER

SHEET 1 of 3

ROAD PLAN STORM DRAINS & PROFILES  
 EMERALD VALLEY RD & EVERGREEN WAY  
 SECTION 7  
**EVERGREEN VALLEY ESTATES**  
 THIRD ELECTION DIST., ELLICOTT CITY  
 HOWARD COUNTY, MARYLAND

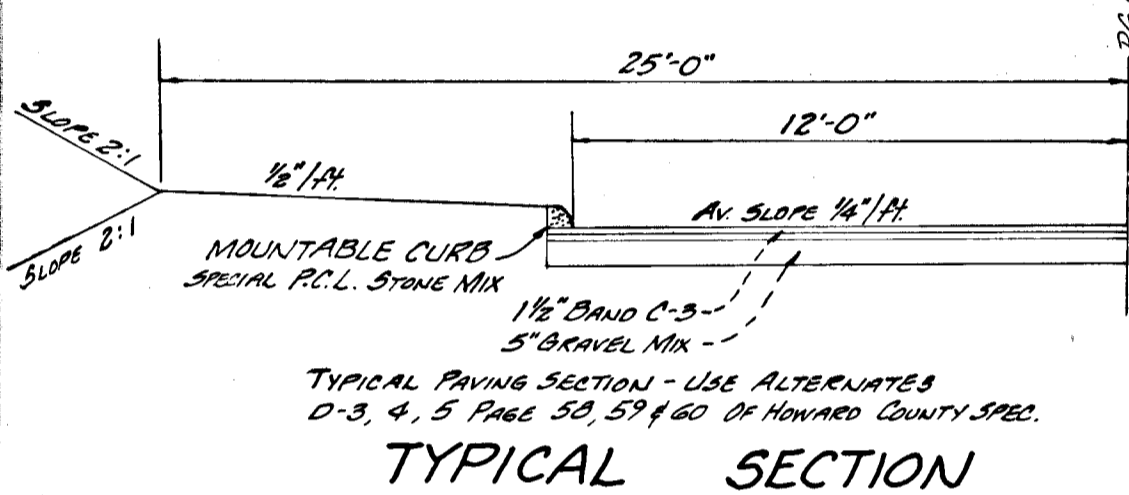
OWNER & DEVELOPER  
 HUDSON CONSTRUCTION COMPANY  
 8957 CHAPEL AVE. BALTO. MD. 21234

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*[Signature]* 1/15/73  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

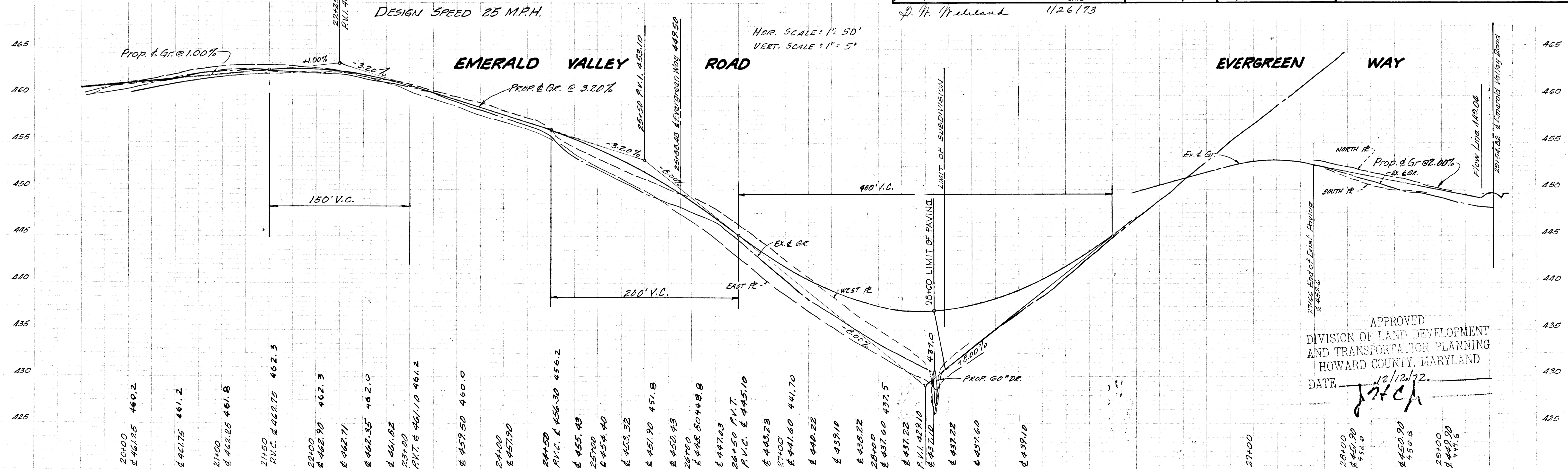
APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 1-10-73  
 CHIEF, BUREAU OF HIGHWAYS



APR ASSOCIATES  
 LAND SURVEYORS  
 204 206 E. MAIN ST. BALTIMORE, MD. 21202  
 21921 21250 394-7765 444-4373



BASE TO BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AND THICK COAT PROVIDED IN ACCORDANCE WITH SECTION C-31-3 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

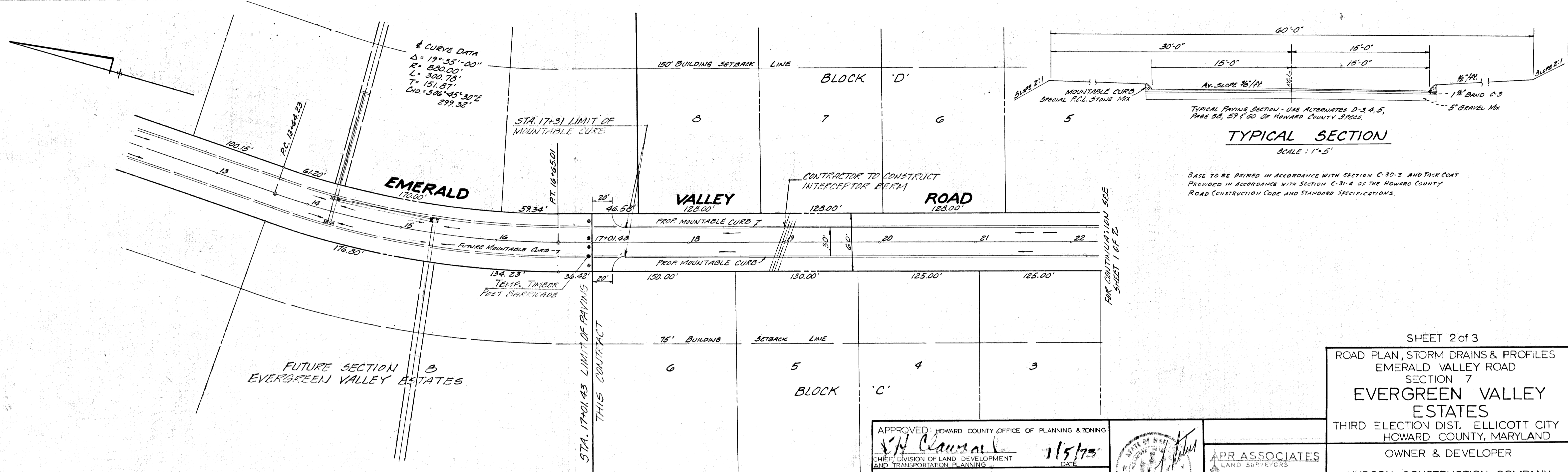


APPROVED  
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 12/12/72  
*[Signature]*

As Built 1/21/75

F-73-30

DATE: 12/21/75  
PROJECT: EVERGREEN VALLEY ESTATES  
SHEET NO. 2 OF 2

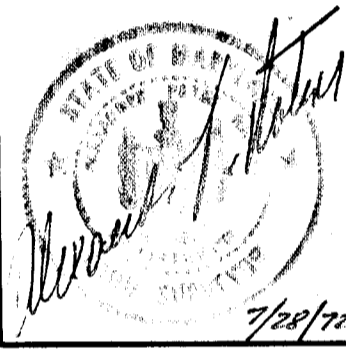


SHEET 2 of 3  
ROAD PLAN, STORM DRAINS & PROFILES  
EMERALD VALLEY ROAD  
SECTION 7  
**EVERGREEN VALLEY ESTATES**  
THIRD ELECTION DIST. ELLICOTT CITY  
HOWARD COUNTY, MARYLAND  
OWNER & DEVELOPER  
HUDSON CONSTRUCTION COMPANY  
8957 CHAPEL AVE. BALTO., MD. 21234

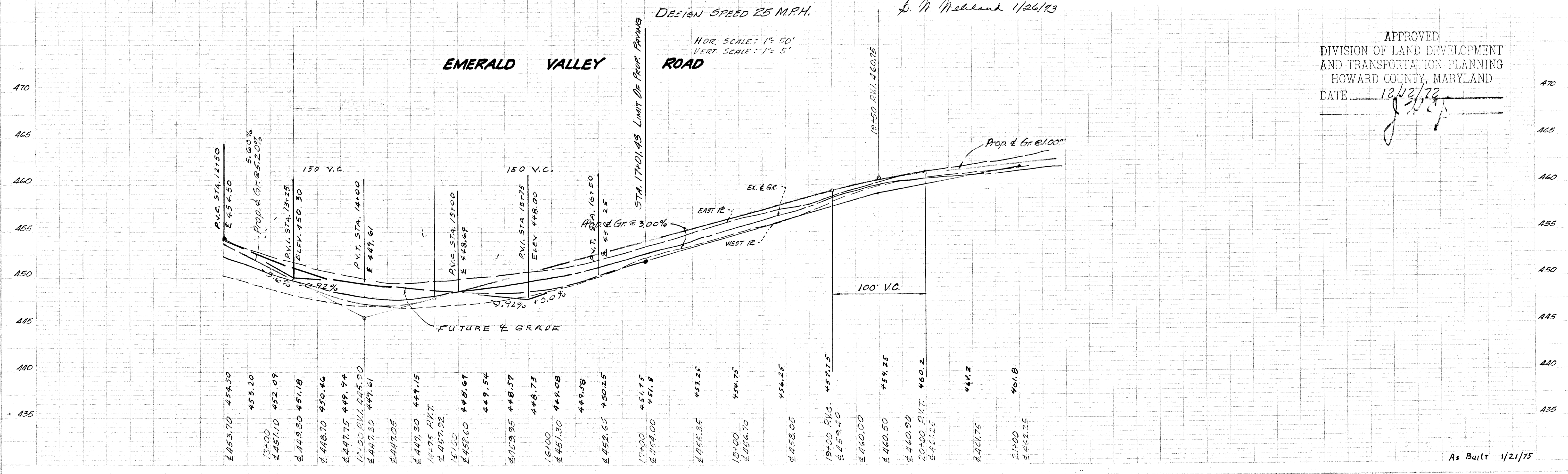
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*S.H. Clamm*  
CHIEF, DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
DATE: 11/5/75

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*M.O. Filbert*  
CHIEF, BUREAU OF HIGHWAYS  
DATE: 1-10-73

APPROVED: *D.N. McNeel* 1/26/73



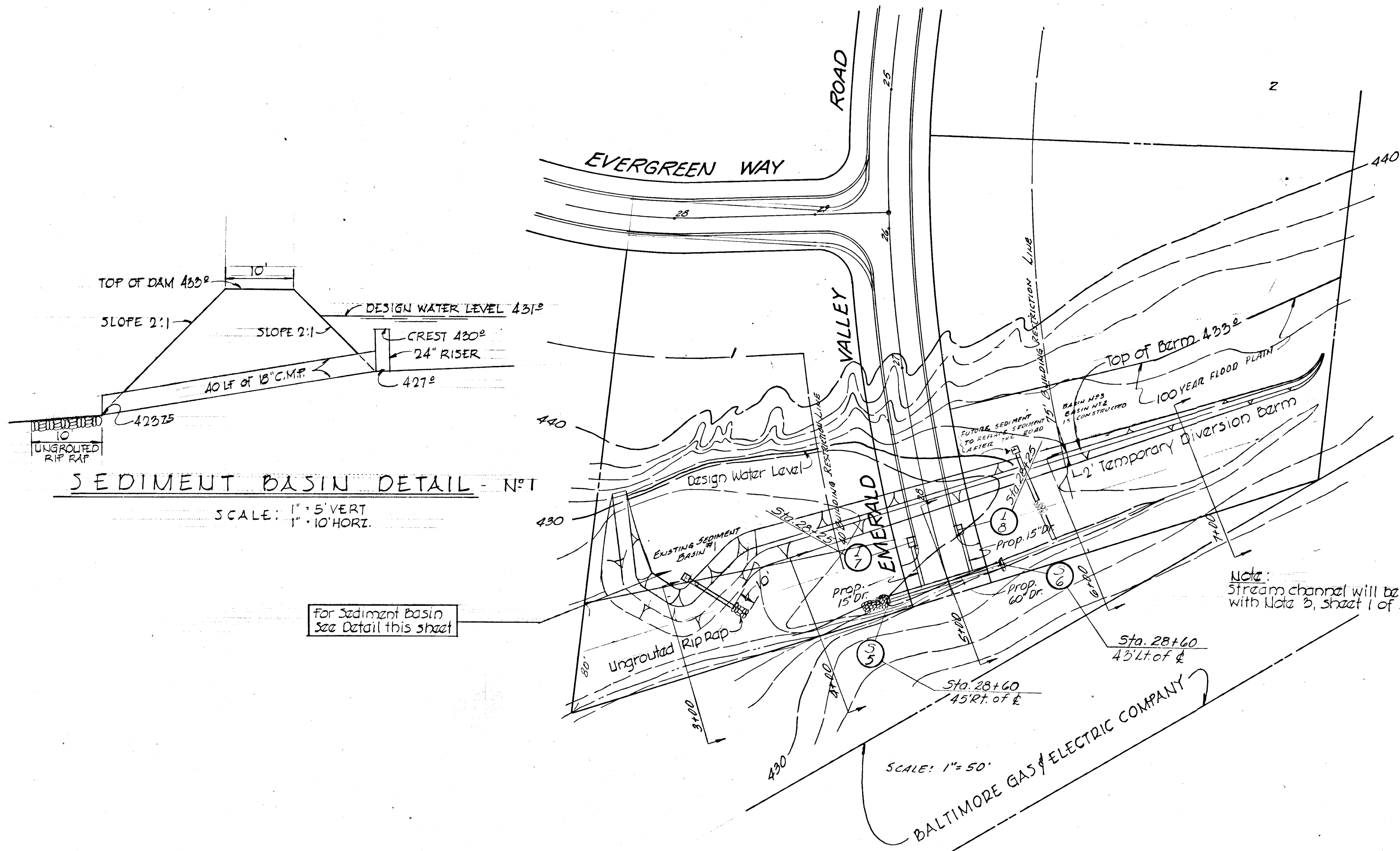
APR ASSOCIATES, INC.  
LAND SURVEYORS  
204 206 E. MAIN ST. ELKTON, MD. 21921  
3320 ROSALIE AVE. BALTIMORE, MD. 21234  
tel. 398-7766 444-4323



APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE: 12/21/75  
*[Signature]*

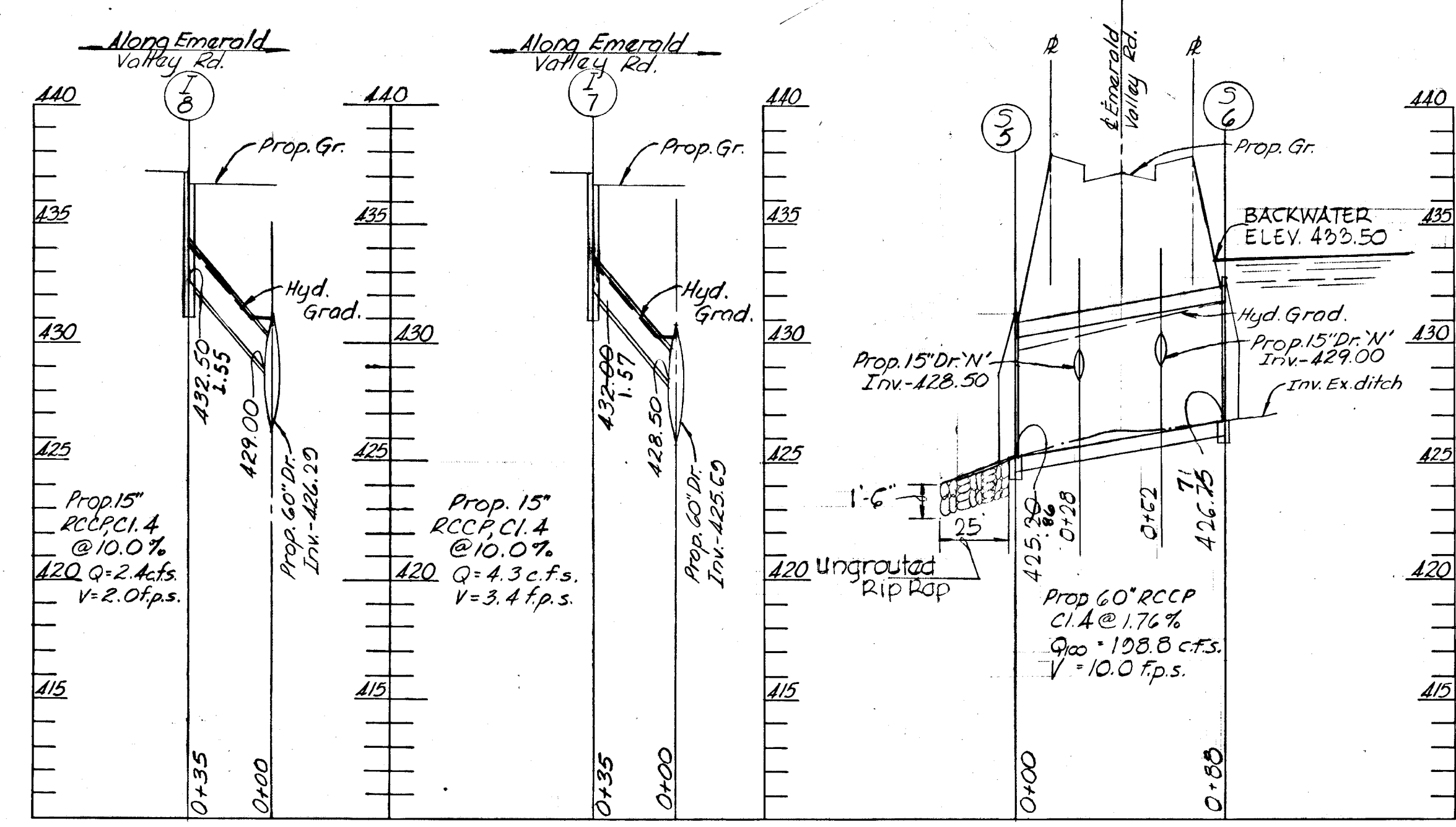
As Built 1/21/75

F-73-30  
PRINT DATE: 12/21/75

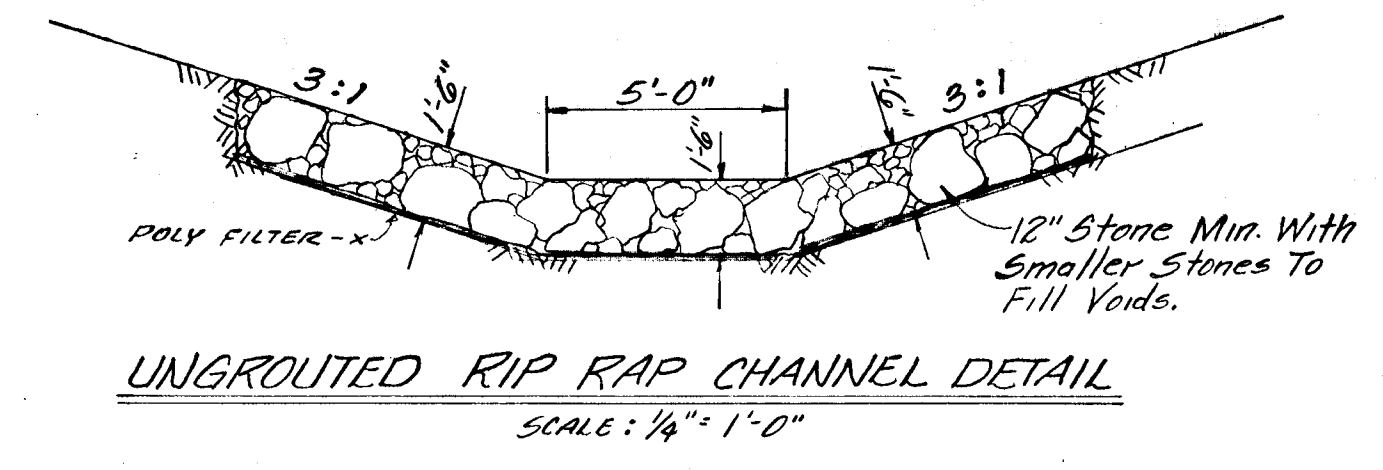


**SEDIMENT BASIN DETAIL - N<sup>o</sup>1**  
SCALE: 1" = 5' VERT  
1" = 10' HORIZ.

For Sediment Basin See Detail this sheet



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



**UNGRAouted RIP RAP CHANNEL DETAIL**  
SCALE: 1/4" = 1'-0"

STRUCTURE		SCHEDULE			
NO.	TYPE	INV. IN	INV. OUT	TOP ELEV.	REMARKS
3-5	STD. B' HEADWALL	---	425.86	431.50	HO. CO. DWG. #48 PAGE #103
3-6	STD. B' HEADWALL	---	426.71	433.20	HO. CO. DWG. #48 PAGE #103
1-7	STD. CL. 'A-5' INLET	---	421.57	436.90	HO. CO. DWG. #64A PAGE #110A
1-8	STD. CL. 'A-5' INLET	---	431.55	436.85	HO. CO. DWG. #64A PAGE #110A

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 12/12/72  
*J.H.C.*

SHEET 3 of 3  
STORM DRAIN  
EMERALD VALLEY ROAD  
SECTION 7  
**EVERGREEN VALLEY  
ESTATES**  
THIRD ELECTION DIST. ELLICOTT CITY  
HOWARD COUNTY, MD.  
OWNER & DEVELOPER  
HUDSON CONSTRUCTION COMPANY  
8957 CHAPEL AVE. BALTO. MD. 21234

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*S.R. Crawford*  
CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
DATE 1/5/73  
APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC WORKS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*W.O. P. [Signature]*  
CHIEF, BUREAU OF HIGHWAYS  
DATE 1-10-73  
*D. P. [Signature]* 1/26/72

**A. F. RATYCH, L. S.**  
3820 ROBALIS AVE.  
BALTIMORE, MD. 21208  
PHONE 444-4828