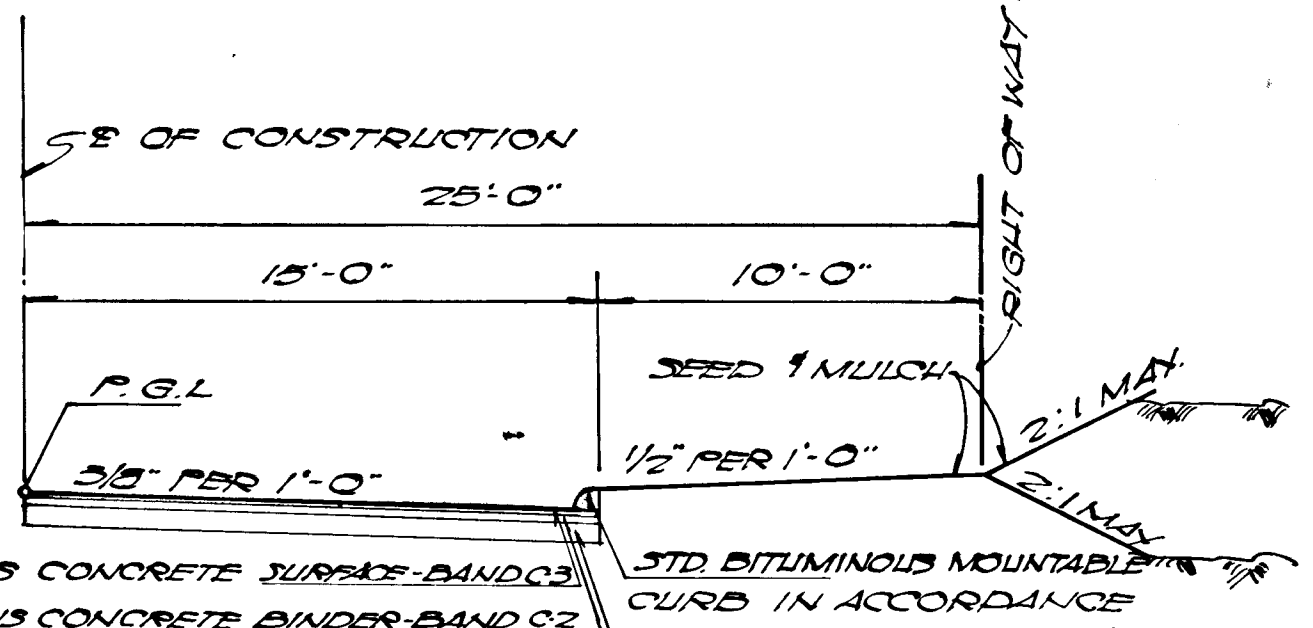
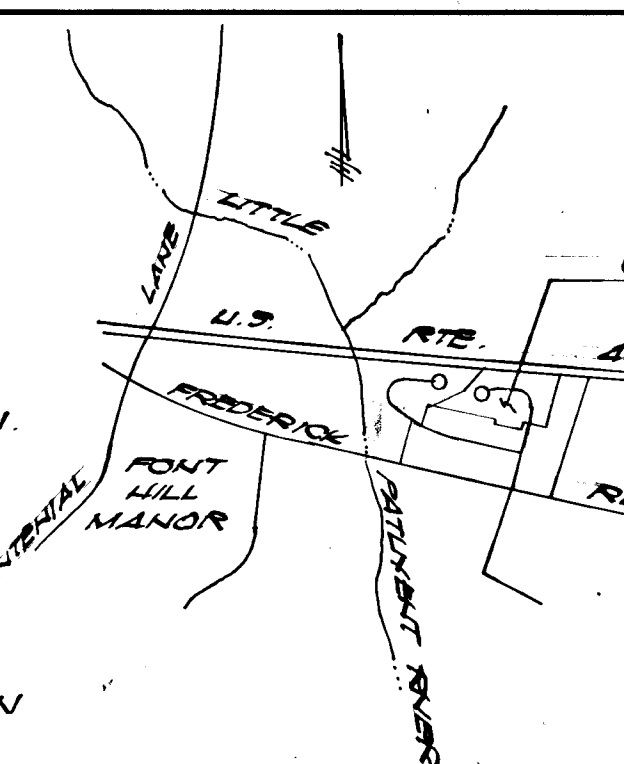


GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.
- DESIGN SPEED - 25 M.P.H.
- TRAFFIC CONTROL DEVICES, INCLUDING LOCATION, TYPES, STYLES, INSTALLATION, MARKING AND SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", 1971 EDITION.
- ELEVATIONS ARE BASED ON HOWARD COUNTY DATUM BENCH MARK W.R. #A 24-25 ELEV. 392.41 X CUT ON SW. TOP END OF BRIDGE HEADWALL AT FREDERICK RD. & LITTLE PATUXENT RIVER.
- THE CONSTRUCTION OF THE SEWER LINE AND HOUSE CONNECTIONS BETWEEN MANHOLES 100 AND 104 SHALL PRECEDE THE CONSTRUCTION OF THE CHANNEL. SEE SHEET NO. 4.

VICINITY MAP
SCALE: 1" = 200'



1" BITUMINOUS CONCRETE SURFACE-BAND C1
2 1/2" BITUMINOUS CONCRETE BINDER-BAND C2
7" CRUSHER RUN BASE
(SEE D-4, PAGE 53 OF HOWARD CO. SPECS.)

3/4" STD. BITUMINOUS MOUNTAIN CURB IN ACCORDANCE WITH D-29, PAGE 24 OF HOWARD COUNTY SPECIFICATIONS.

NOTE: BASE TO BE PRIMED IN ACCORDANCE WITH SECT. C-20-3 AND TACK COAT TO BE PROVIDED IN ACCORDANCE WITH SECT. C-31-4 OF THE HOWARD CO. ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.

RESIDENTIAL STREET
ZONING R-20 DESIGN SPEED 25 M.P.H.

**HALF TYPICAL SECTION
HILLSMERE RD. & WALKER DR.**
SCALE: 1" = 5'-0"

AS-BUILT SURVEY DATA BY
ALEXANDER PETER PATYCH
MD. REG. L.S. NO. 3055
SIGNED, SEALED & DATED
1/24/79.

FOR STORM DRAIN CHANNEL PROFILES & DETAILS, SEE SHEET 4 & 5 OF 6

CUL DE SAC CURVE DATA

| | | |
|-----------------------------|----------------------------|-----------------------------|
| ① R: 25.00 Δ: 54°34'11" | ② R: 41.00 Δ: 22°00'22" | ③ R: 25.00 Δ: 54°34'11" |
| L: 23.81' | L: 22.04' | L: 23.81' |
| CHD. N 67°55'29"E 22.52' | CHD. S 51°2'34"W 51.01' | CHD. N 57°50'20"W 22.52' |

DEPARTMENT OF PUBLIC WORKS

W.O. Gilbert 5-9-78
CHIEF, BUREAU OF ENGINEERING DATE

John W. Manahan 5-3-78
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

REV. 11-7-77

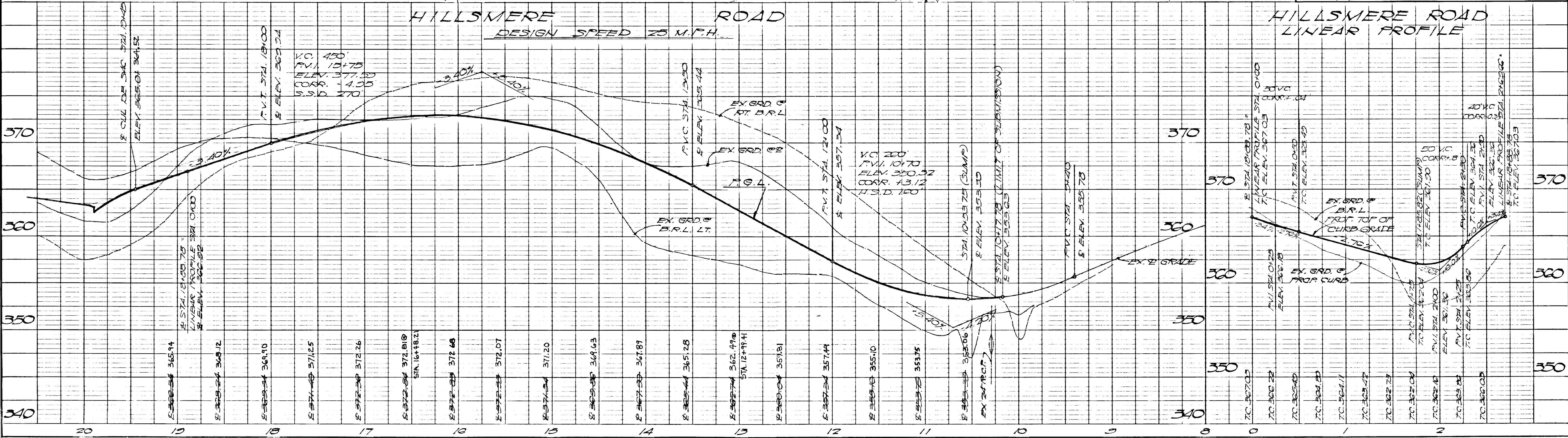
PP&E associates, inc.
SURVEYORS - ENGINEERS

208 E. MARPLE, ELICHTON, MD. 21724
3930 ROSALIE AVE., BETHESDA, MD. 20814
PHONE 444-4321

PLAN AND PROFILE
HILLSMERE ROAD
GLEN BROOK
SECTION 4

2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
OWNER & DEVELOPER
NICHOLAS B. MANGIONE
1205 YORK ROAD LUTHERVILLE, MARYLAND 21093

Designed by: W.K.W. Scale: Plan 1"=50', Profile 1"=5' Vert.
Drawn by: W.K.W. Date: Sept. 1977
Checked by: W.K.W. Sheet No. 1 of 6

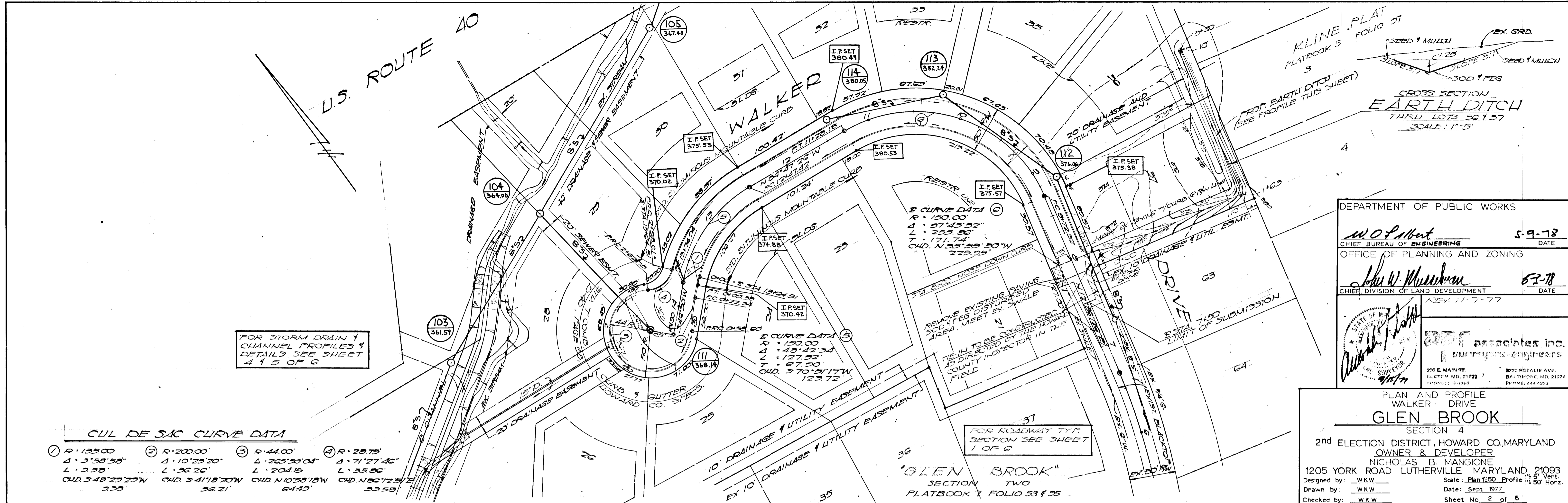


| | |
|------|--|
| DATE | |
| BY | |
| NO. | |
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| BY | |
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| DATE | |
| BY | |
| NO. | |

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

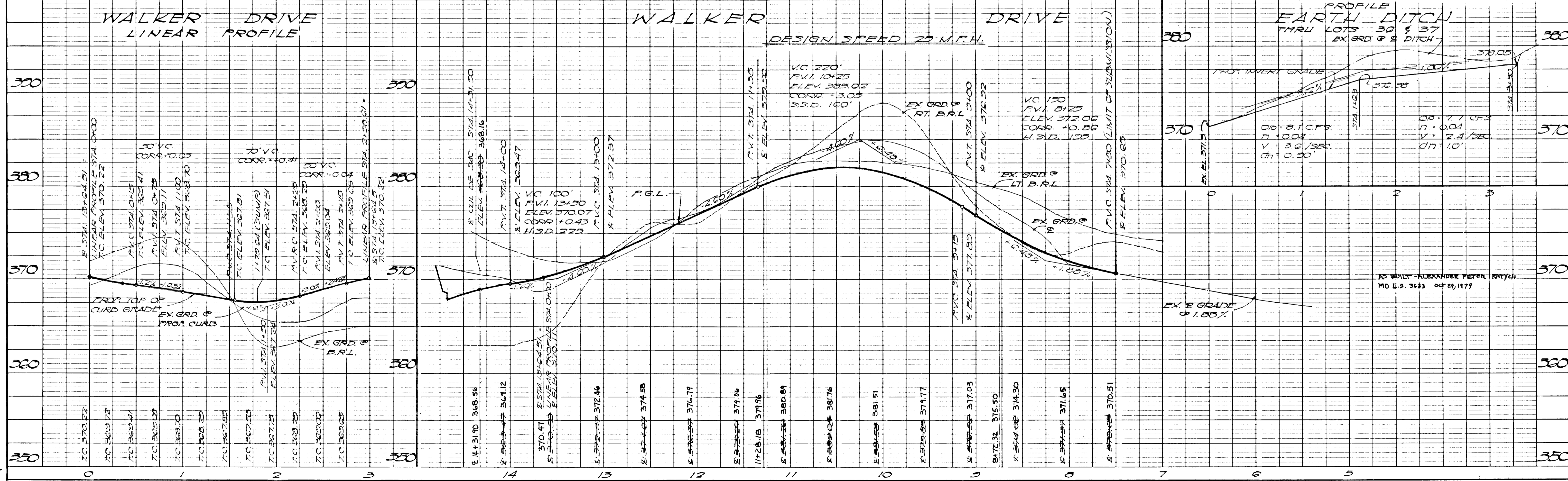
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 BY: _____
 SURVEYED: _____
 NOTE BOOK: _____
 GRADE CHECKED: _____
 R. M. V. NOTED: _____
 STRUCTURE NOTATIONS CHECKED: _____
 No. _____



DEPARTMENT OF PUBLIC WORKS
 W. O. Albert
 CHIEF BUREAU OF ENGINEERING 5-9-78 DATE
 OFFICE OF PLANNING AND ZONING
 John W. Mueschen
 CHIEF DIVISION OF LAND DEVELOPMENT 5-7-78 DATE
 REV. 11-7-77

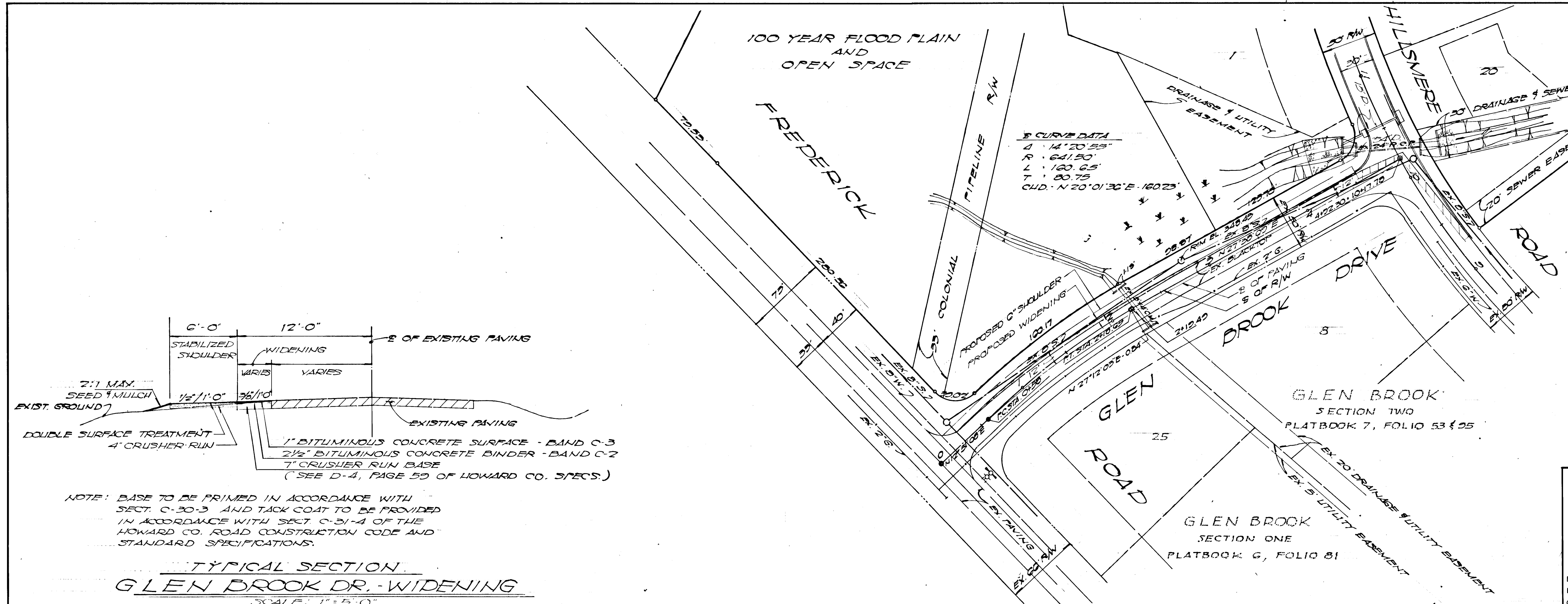
STATE OF MARYLAND
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF LAND DEVELOPMENT
 206 E. MAIN ST. BALTIMORE, MD. 21201
 TELEPHONE: 632-2115
 3020 ROYAL LANE BALTIMORE, MD. 21204
 PHONE: 443-6203

PLAN AND PROFILE
 WALKER DRIVE
GLEN BROOK
 SECTION 4
 2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD LUTHERVILLE MARYLAND 21093
 Designed by: W.K.W. Scale: Plan 1"=50' Profile 1"=5' Vert.
 Drawn by: W.K.W. Date: Sept. 1977
 Checked by: W.K.W. Sheet No. 2 of 6



PLAN
 SURVEYED, PLOTTED, CHECKED, AND REVISIONS MADE BY: [Blank]
 DATE: [Blank]
 NO. [Blank]

PROFILE
 SURVEYED, PLOTTED, CHECKED, AND REVISIONS MADE BY: [Blank]
 DATE: [Blank]
 NO. [Blank]

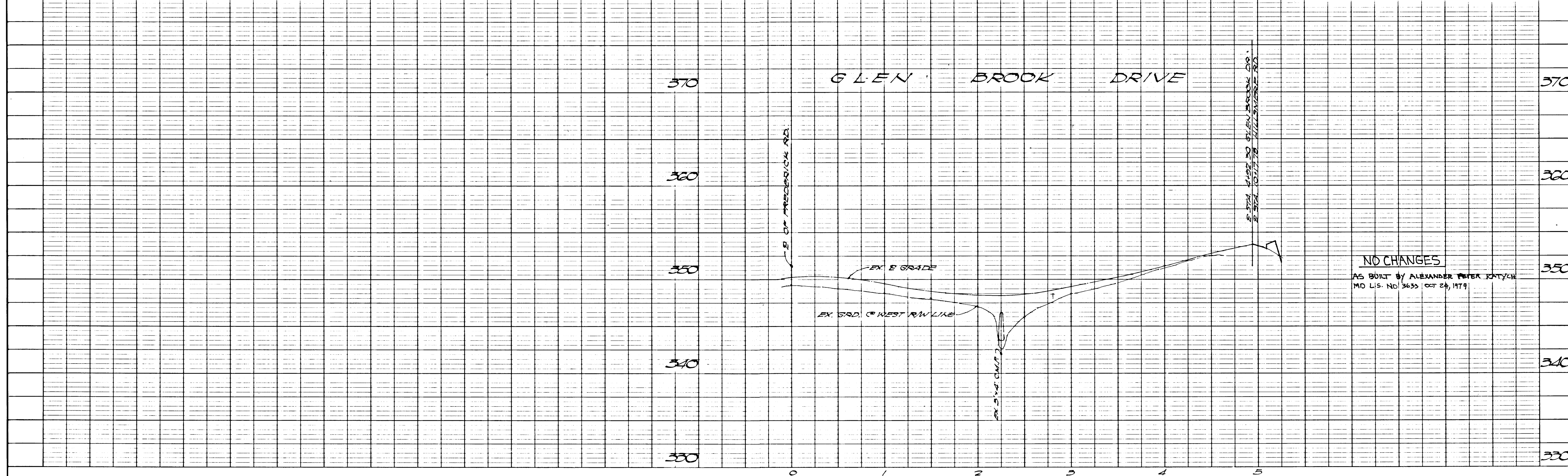


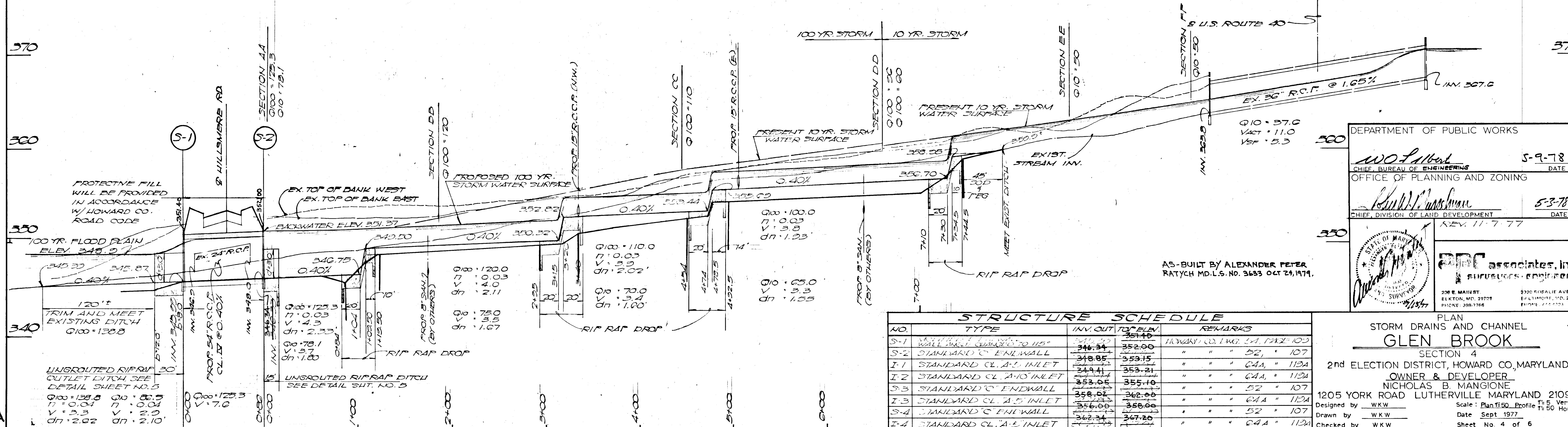
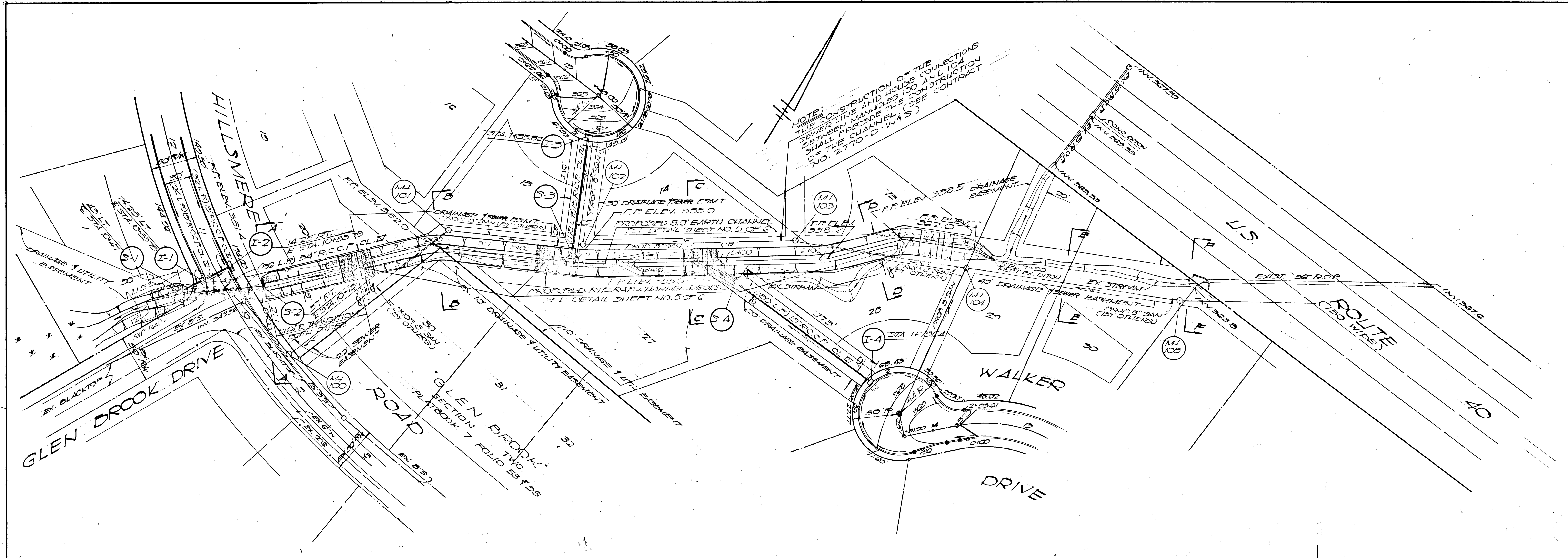
DEPARTMENT OF PUBLIC WORKS
 W.O. Liberty 5-9-78
 CHIEF, BUREAU OF ENGINEERING DATE
 OFFICE OF PLANNING AND ZONING
 John W. Muehlen 5-3-78
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
 REV. 11-7-77

STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 [Signature]
 1977
 PTC associates, inc.
 SURVEYORS-ENGINEERS
 206 E. MAIN ST. ELKTON, MD. 21921
 3320 ROSALIE AVE. BALTIMORE, MD. 21284
 PHONE: 394-7388 PHONE: 484-4393

PLAN AND PROFILE
 GLEN BROOK DRIVE
 SECTION 4
 2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD LUTHERVILLE, MARYLAND 21093
 Designed by: W.K.W. Scale: Plan 1"=50' Profile 1/2"=5' Vert.
 Drawn by: W.K.W. Date: Sept. 1977
 Checked by: W.K.W. Sheet No. 3 of 6

TYPICAL SECTION
 GLEN BROOK DR. - WIDENING
 SCALE: 1"=5'-0"





W.Q. #7547

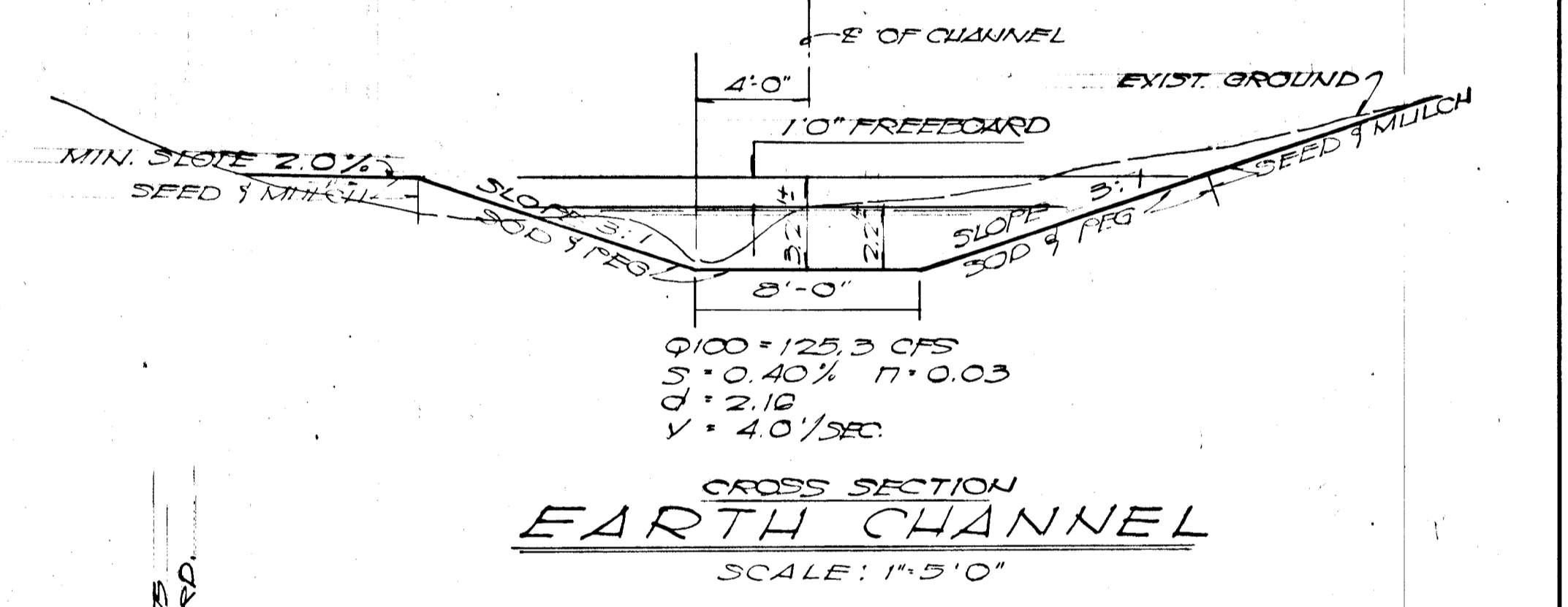
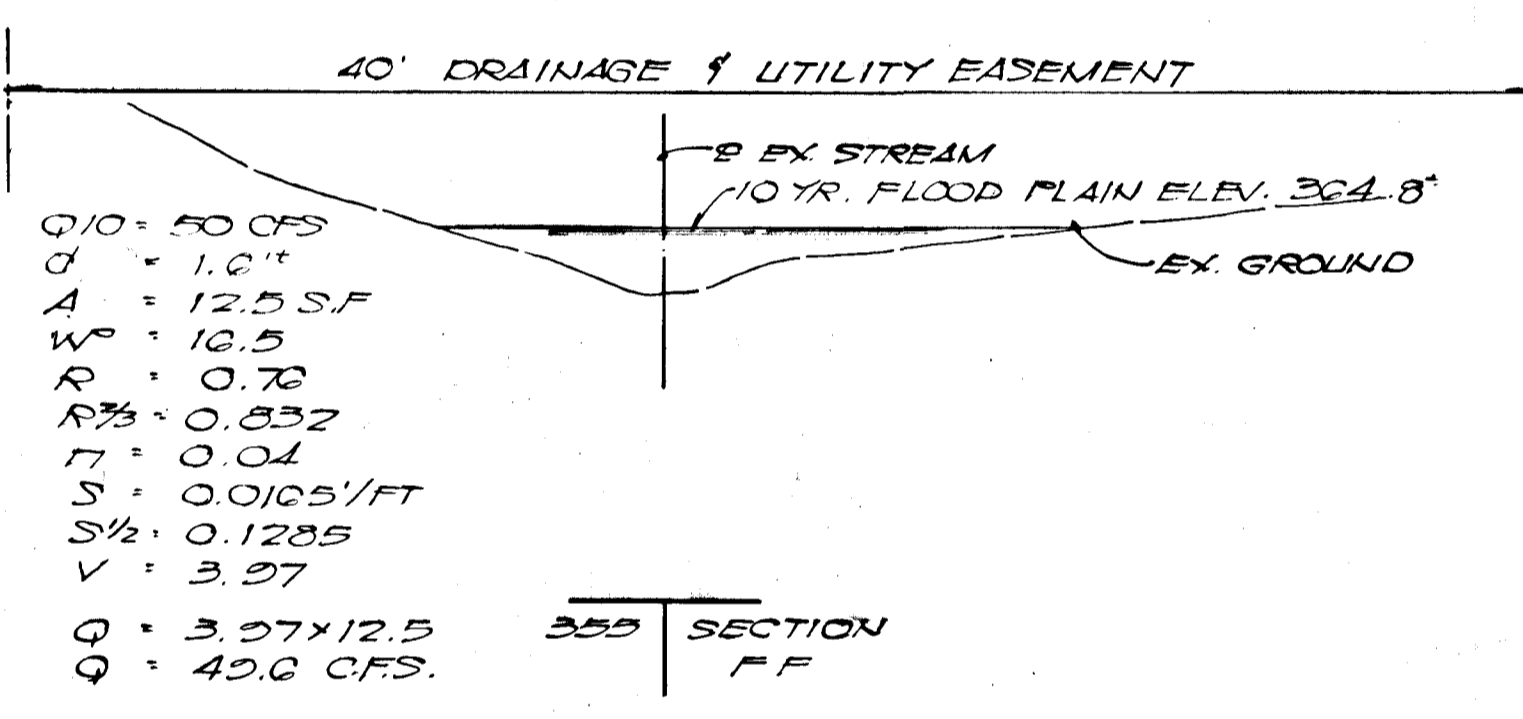
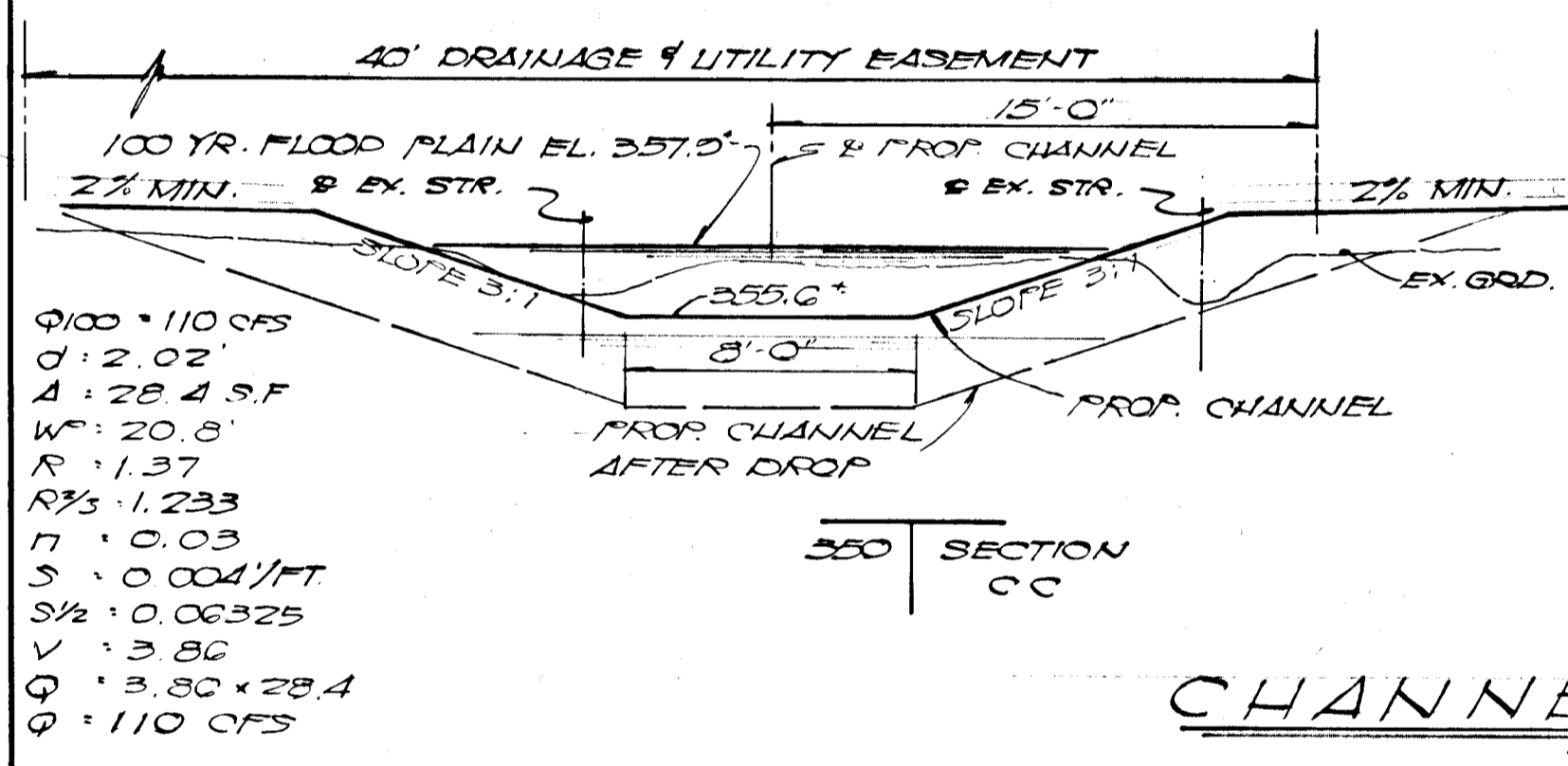
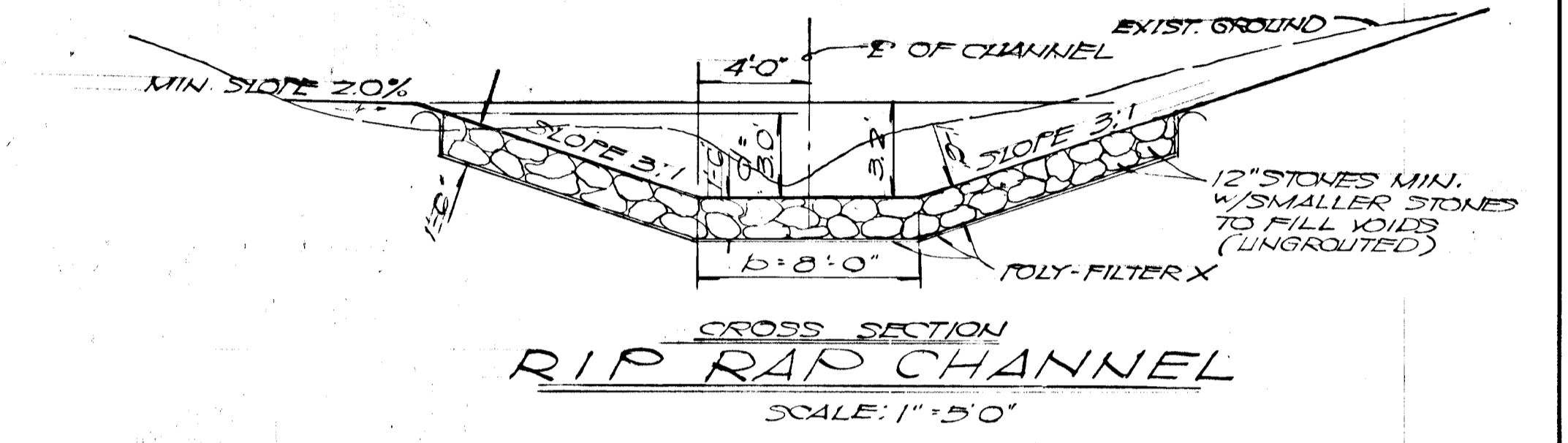
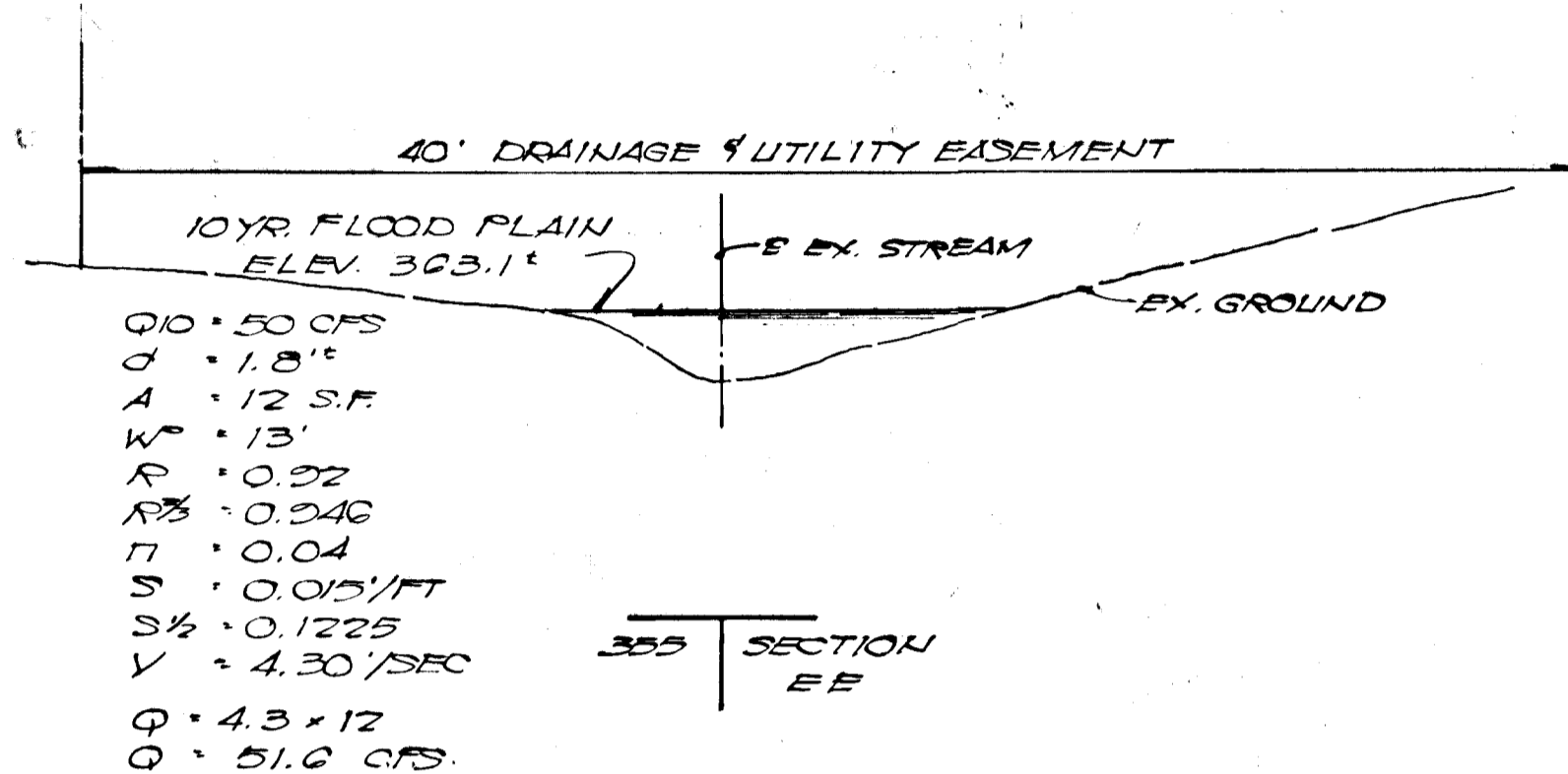
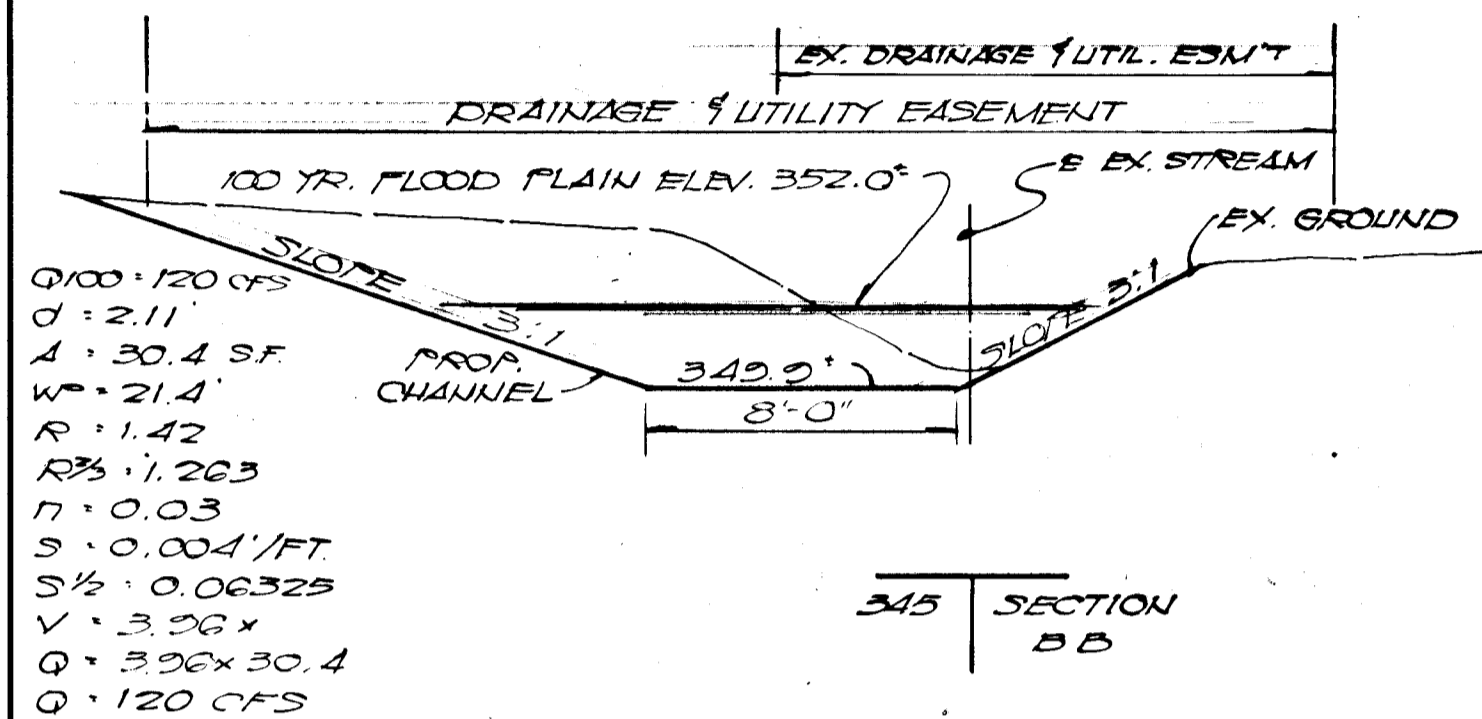
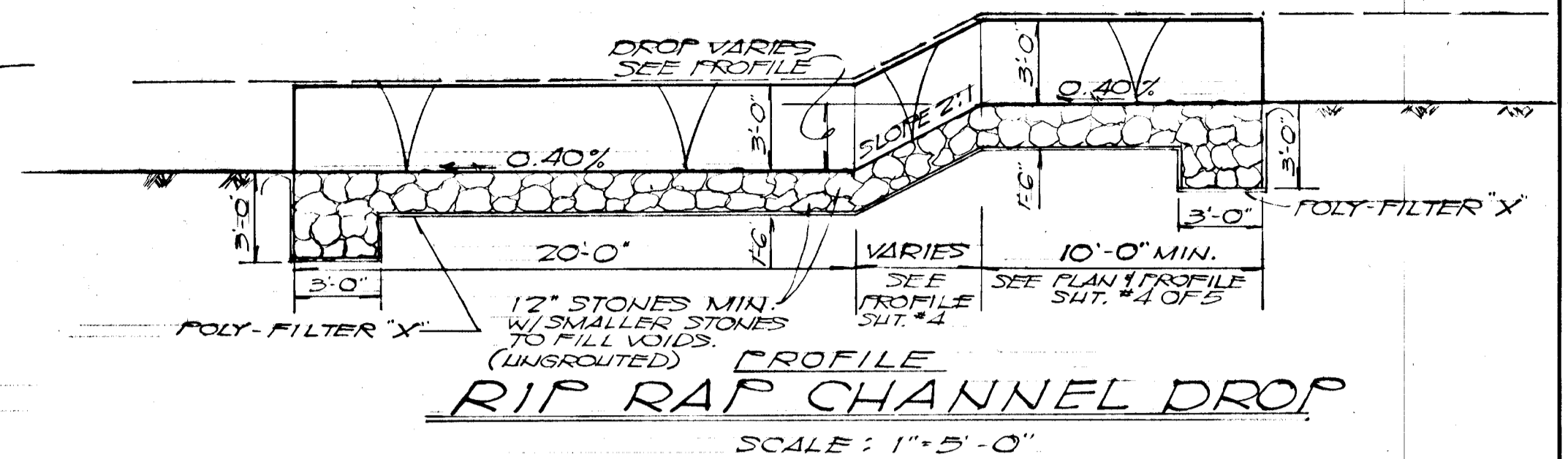
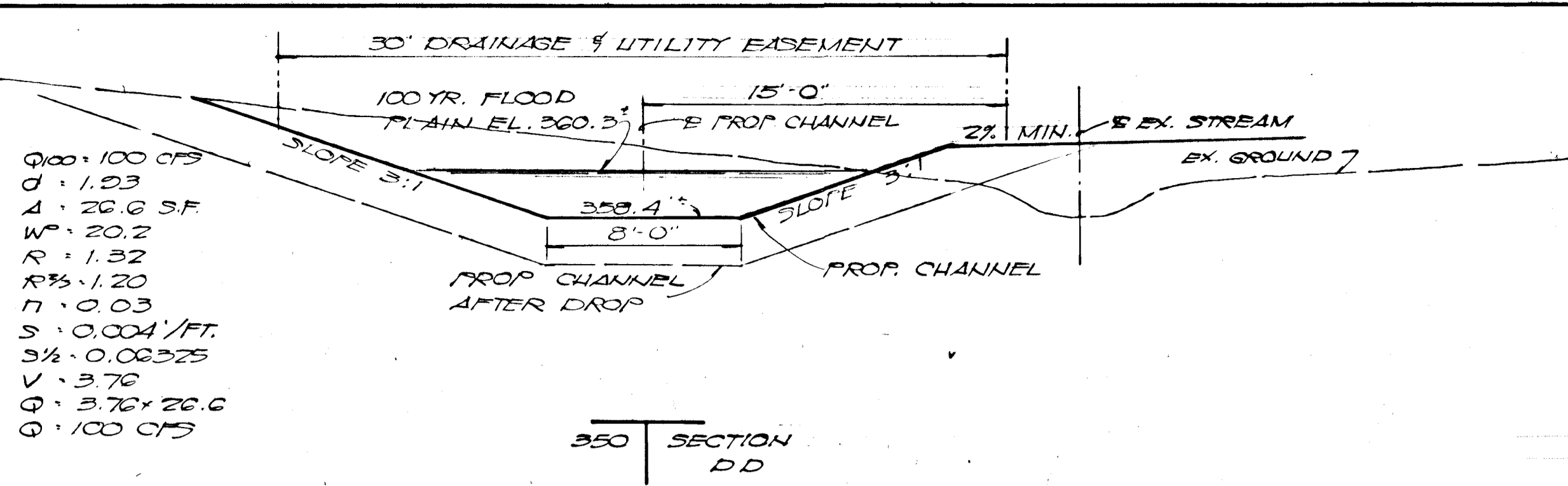
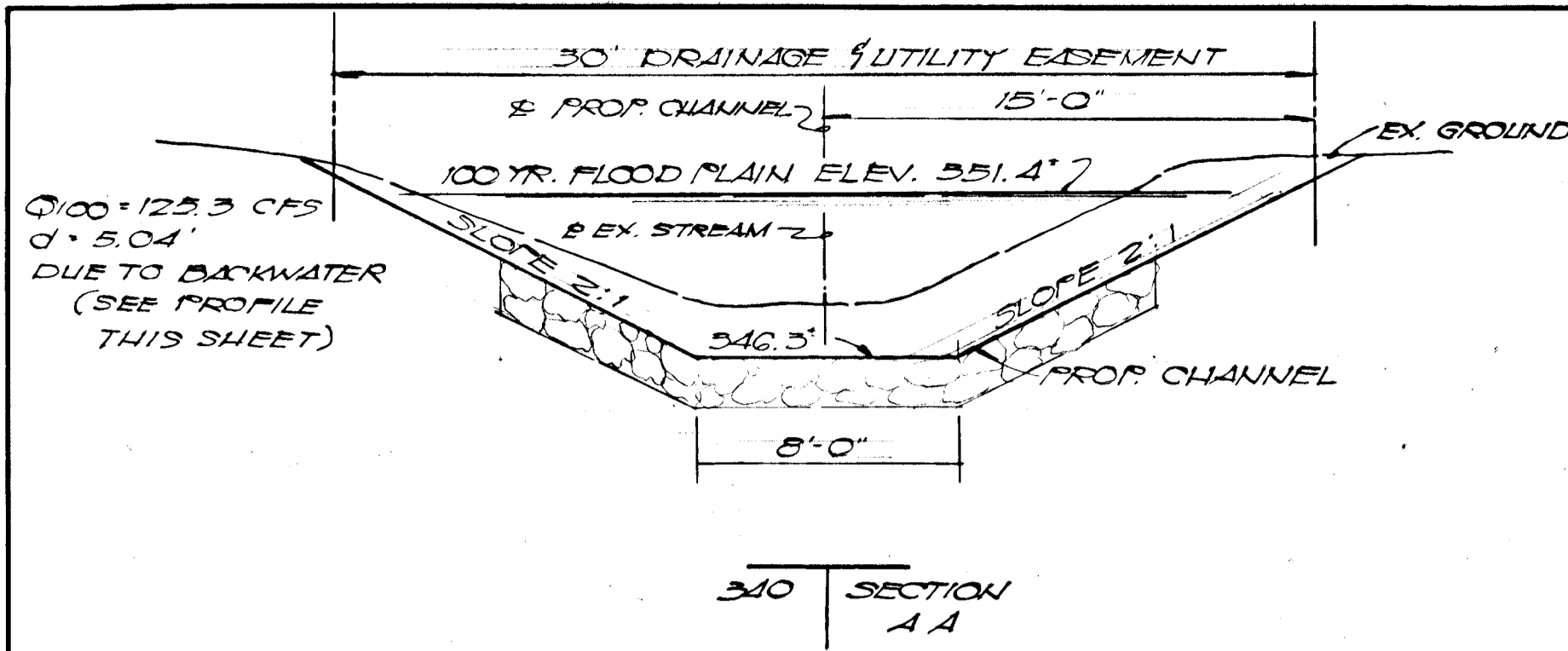
DEPARTMENT OF PUBLIC WORKS
Wolfe 5-9-78
 CHIEF, BUREAU OF ENGINEERING DATE
 OFFICE OF PLANNING AND ZONING
Richard M. ... 5-3-78
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE
 REV. 11-7-77

APC associates, inc.
 SURVEYORS - ENGINEERS
 230 E. MAIN ST. ELKTON, MD. 21921
 3320 ROSALIE AVE. BALTIMORE, MD. 21234
 PHONE: 398-3766

AS-BUILT BY ALEXANDER PETER
 RATYCH MD.L.S. NO. 3633 OCT 29, 1971.

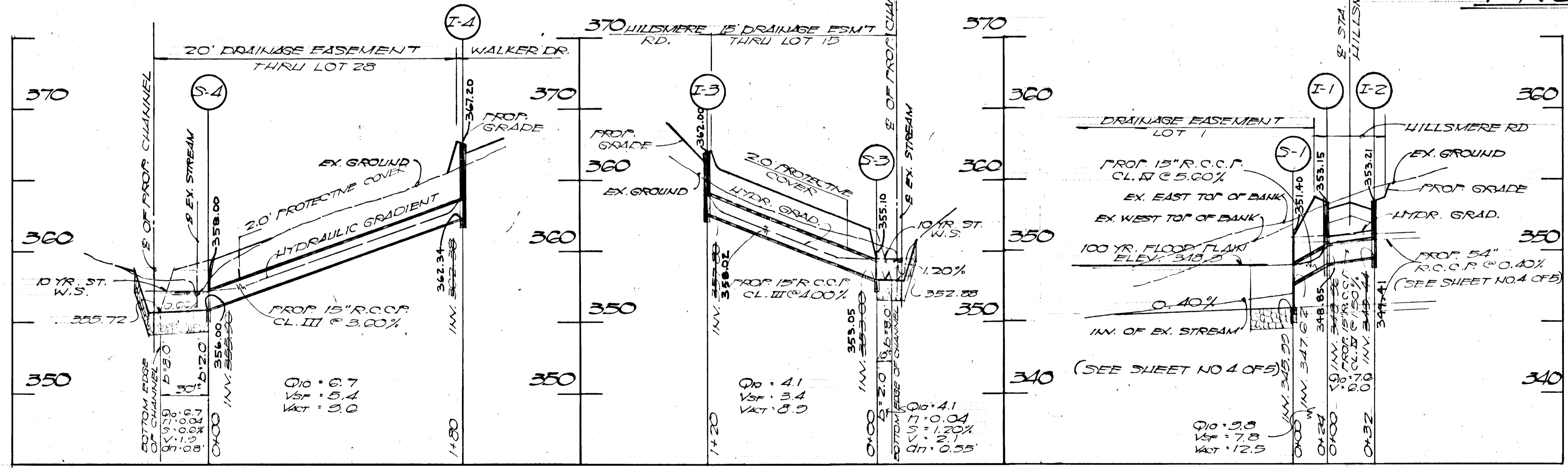
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|-----|-------------------------|----------|-----------|--------------------------------|
| S-1 | STANDARD CL. A-1 INLET | 346.34 | 352.00 | HOWARD CO. LING. STA. 1222-103 |
| S-2 | STANDARD C. ENDWALL | 348.85 | 353.15 | " " " 52 " 107 |
| I-1 | STANDARD CL. A-1 INLET | 349.41 | 353.21 | " " " 64A " 112A |
| I-2 | STANDARD CL. A-10 INLET | 353.05 | 355.10 | " " " 52 " 107 |
| S-3 | STANDARD C. ENDWALL | 358.02 | 362.00 | " " " 64A " 112A |
| I-3 | STANDARD CL. A-5 INLET | 356.00 | 358.00 | " " " 52 " 107 |
| S-4 | STANDARD C. ENDWALL | 362.34 | 367.20 | " " " 64A " 112A |
| I-4 | STANDARD CL. A-5 INLET | 367.20 | 371.20 | " " " 64A " 112A |

PLAN
 STORM DRAINS AND CHANNEL
GLEN BROOK
 SECTION 4
 2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD LUTHERVILLE MARYLAND 21093
 Designed by WKW
 Drawn by WKW
 Checked by WKW
 Scale: Plan 1/50 Profile 1/5 Vert. 1/50 Horz.
 Date Sept. 1977
 Sheet No. 4 of 6



CHANNEL CROSS SECTIONS
 SCALE: 1" = 5' VERT. & HORZ.

DETAILS
 PROPOSED CHANNEL



AS BUILT BY ALEXANDER PETER RATYCH
 MD. L.S. No. 3633, OCT 24, 1977

DEPARTMENT OF PUBLIC WORKS

WOLpert 5-9-78
 CHIEF, BUREAU OF ENGINEERING DATE

John W. Mangan 5-3-78
 CHIEF DIVISION OF LAND DEVELOPMENT DATE

STATE OF MARYLAND
 ENGINEER
 9/15/78

TPP associates, inc.
 SURVEYORS-ENGINEERS
 204 E. MAIN ST. ELKTON, MD. 21922
 2320 ROSALIE AVE. BALTIMORE, MD. 21207
 PHONE: 398-7168 PHONE: 444-4223

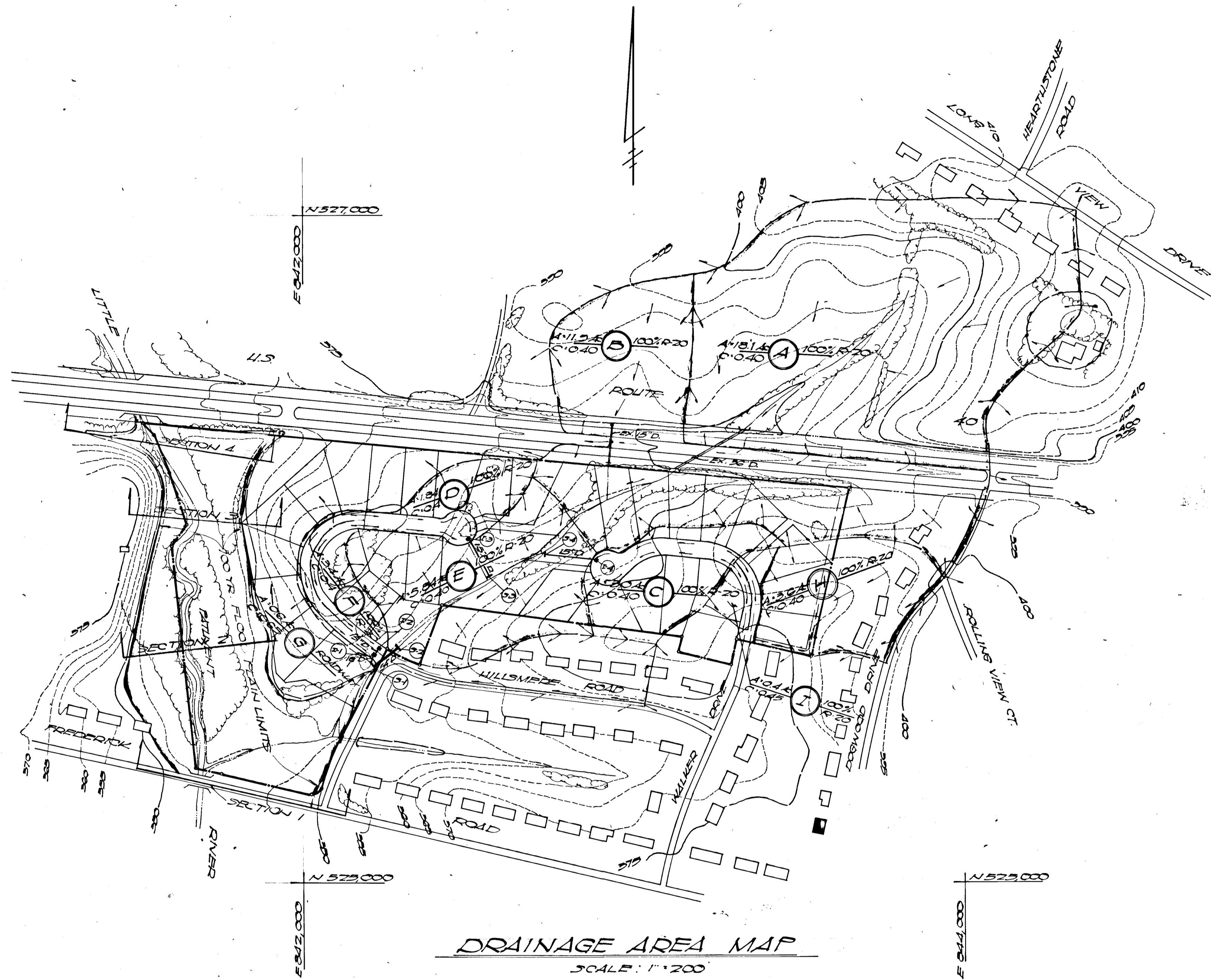
CHANNEL, STORM DRAIN PROFILES AND DETAILS

GLEN BROOK

SECTION 4
 2nd. ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD LUTHERVILLE MARYLAND 21093
 Designed by: W.K.W. Scale: as shown
 Drawn by: W.K.W. Date: Sept. 1977
 Checked by: W.K.W. Sheet No. 5 of 6

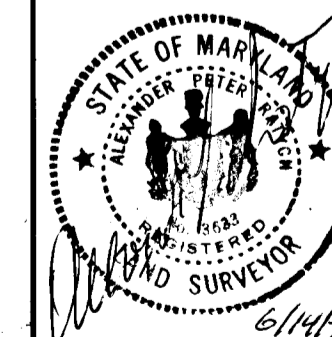
AS-BUILT JAN 21, 1983

F-78-60



AS BUILT BY ALEXANDER PETER RZYCH
MD. L.S. 3633, OCT 29, 1979

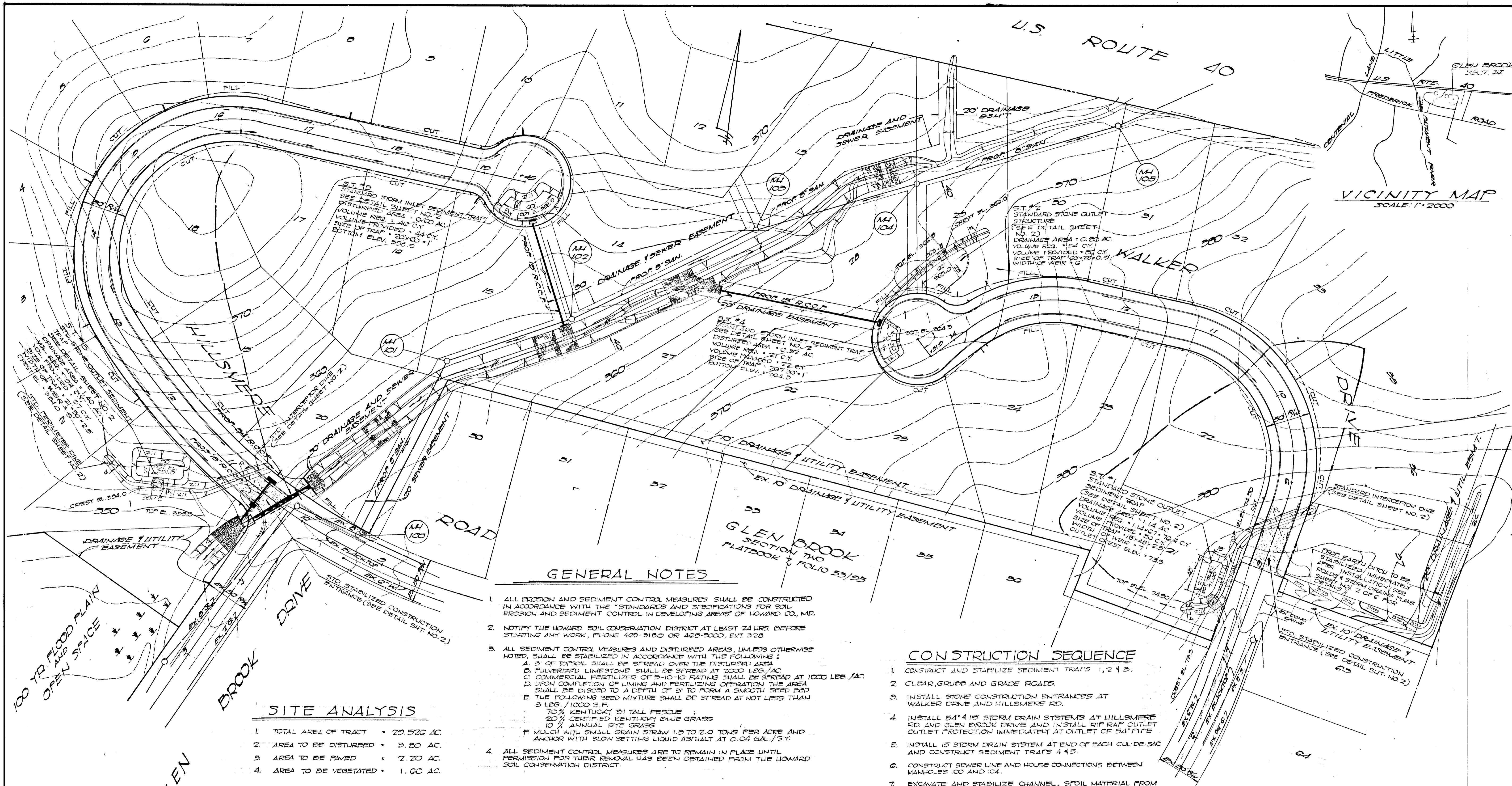
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| DEPARTMENT OF PUBLIC WORKS | |
| <i>W. O. Albert</i> CHIEF, BUREAU OF ENGINEERING | 5-9-78 DATE |
| OFFICE OF PLANNING AND ZONING | |
| <i>W. W. Mangione</i> CHIEF, DIVISION OF LAND DEVELOPMENT | 5-3-78 DATE |
| REV 11-7-77 | |



PPF associates, Inc.
surveyors-engineers
205 E. MAIN ST. ELKTON, MD. 21927
3320 ROSALIE AVE. BALTIMORE, MD. 21234
PHONE: 398-7766

**DRAINAGE AREA MAP
GLEN BROOK
SECTION 4**
2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
OWNER & DEVELOPER
NICHOLAS B. MANGIONE
1205 YORK ROAD LUTHERVILLE, MARYLAND 21093
Designed by: W.K.W. Scale: 1"=200'
Drawn by: W.K.W. Date: Sept 1977
Checked by: W.K.W. Sheet No. 6 of 6

F-78-60 AS BUILT JAN 21, 1983



GENERAL NOTES

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" OF HOWARD CO., MD.
2. NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AT LEAST 24 HRS. BEFORE STARTING ANY WORK, PHONE 402-3180 OR 402-2000, EXT. 328
3. ALL SEDIMENT CONTROL MEASURES AND DISTURBED AREAS, UNLESS OTHERWISE NOTED, SHALL BE STABILIZED IN ACCORDANCE WITH THE FOLLOWING:
 - A. 2" OF TOPSOIL SHALL BE SPREAD OVER THE DISTURBED AREA
 - B. FULVIRIZED LIMESTONE SHALL BE SPREAD AT 2000 LBS./AC.
 - C. COMMERCIAL FERTILIZER OF 5-10-10 RATING SHALL BE SPREAD AT 1000 LBS./AC.
 - D. UPON COMPLETION OF LIMING AND FERTILIZING OPERATION THE AREA SHALL BE DISCED TO A DEPTH OF 2" TO FORM A SMOOTH SEED BED
 - E. THE FOLLOWING SEED MIXTURE SHALL BE SPREAD AT NOT LESS THAN 3 LBS./1000 S.F.
 - 70% KENTUCKY 31 TALL FESCUE
 - 20% CERTIFIED KENTUCKY BLUE GRASS
 - 10% ANNUAL RYE GRASS
 - F. MULCH WITH SMALL GRAIN STRAW 1.5 TO 2.0 TONS PER ACRE AND ANCHOR WITH SLOW SETTING LIQUID ASPHALT AT 0.04 GAL./S.Y.
4. ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT.

CONSTRUCTION SEQUENCE

1. CONSTRUCT AND STABILIZE SEDIMENT TRAPS 1, 2 & 3.
2. CLEAR, GRUBB AND GRADE ROADS.
3. INSTALL STONE CONSTRUCTION ENTRANCES AT WALKER DRIVE AND HILLSMERE RD.
4. INSTALL 54" 4' 15" STORM DRAIN SYSTEMS AT HILLSMERE RD. AND GLEN BROOK DRIVE AND INSTALL SIP RAF OUTLET PROTECTION IMMEDIATELY AT OUTLET OF 54" PIPE
5. INSTALL 18" STORM DRAIN SYSTEM AT END OF EACH CUL-DE-SAC AND CONSTRUCT SEDIMENT TRAPS 4 & 5.
6. CONSTRUCT SEWER LINE AND HOUSE CONNECTIONS BETWEEN MANHOLES 100 AND 104.
7. EXCAVATE AND STABILIZE CHANNEL. SOIL MATERIAL FROM CHANNEL SHALL BE SPREAD AND SEED IMMEDIATELY AFTER CHANNEL EXCAVATION.
8. CONSTRUCT WATER LINES AND REMAINING SEWER LINES.
9. INSTALL ROADWAY PAVING AND BITUMINOUS CURB.
10. STABILIZE ALL AREAS ASSOCIATED WITH ROADWAY CONSTRUCTION.
11. REMOVE ALL SEDIMENT DOWNSTREAM OF 54" PIPE AS SOON AS CONSTRUCTION IS COMPLETE.

SITE ANALYSIS

1. TOTAL AREA OF TRACT • 29.526 AC.
2. AREA TO BE DISTURBED • 3.30 AC.
3. AREA TO BE PAVED • 2.20 AC.
4. AREA TO BE VEGETATED • 1.60 AC.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 C. Wayne Ray DATE 5-2-78
 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. Giehl DATE
 HOWARD SOIL CONSERVATION DISTRICT

"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."
 Nicholas D. Mangione DATE 9/21/77

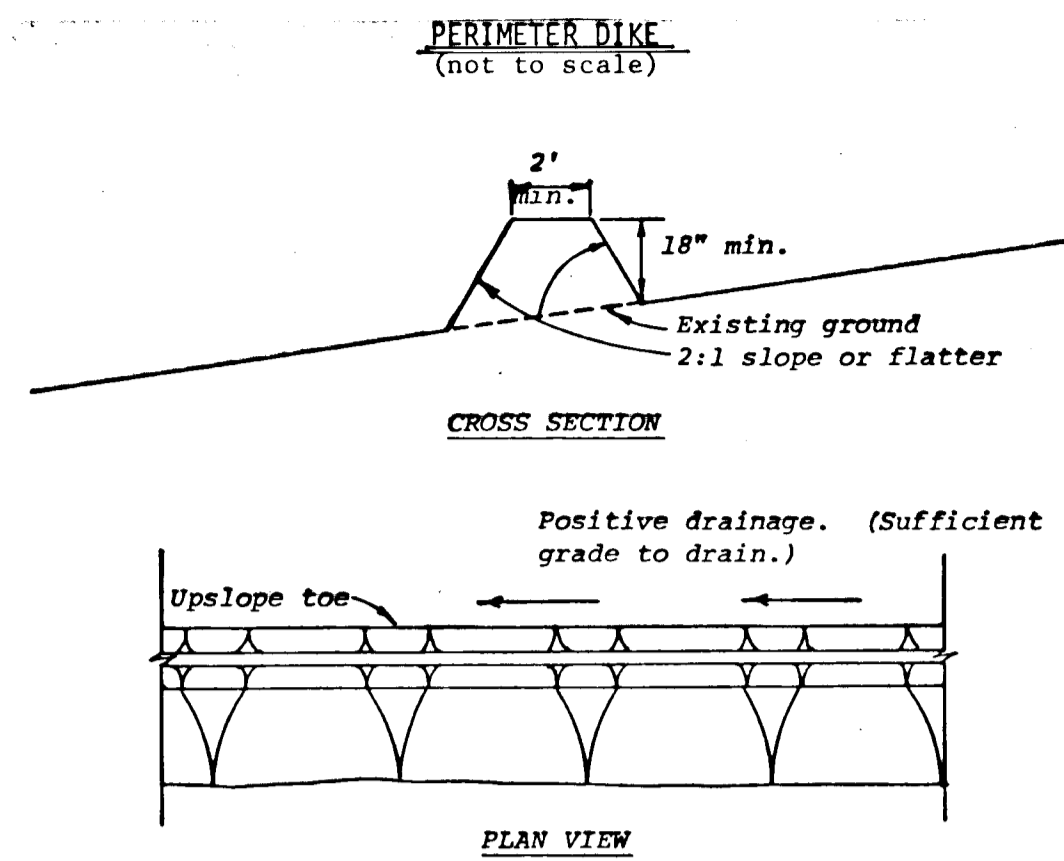
"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."
 Alexander P. Ratych REG. #3633 DATE 9/21/77



associates, inc.
 SURVEYORS-ENGINEERS
 1205 YORK ROAD LUTHERVILLE, MARYLAND 21093
 DESIGNED BY: W.K.W. DATE: SEPT. 1977
 DRAWN BY: W.K.W. SHEET NO. 1 OF 2
 CHECKED BY: W.K.W.

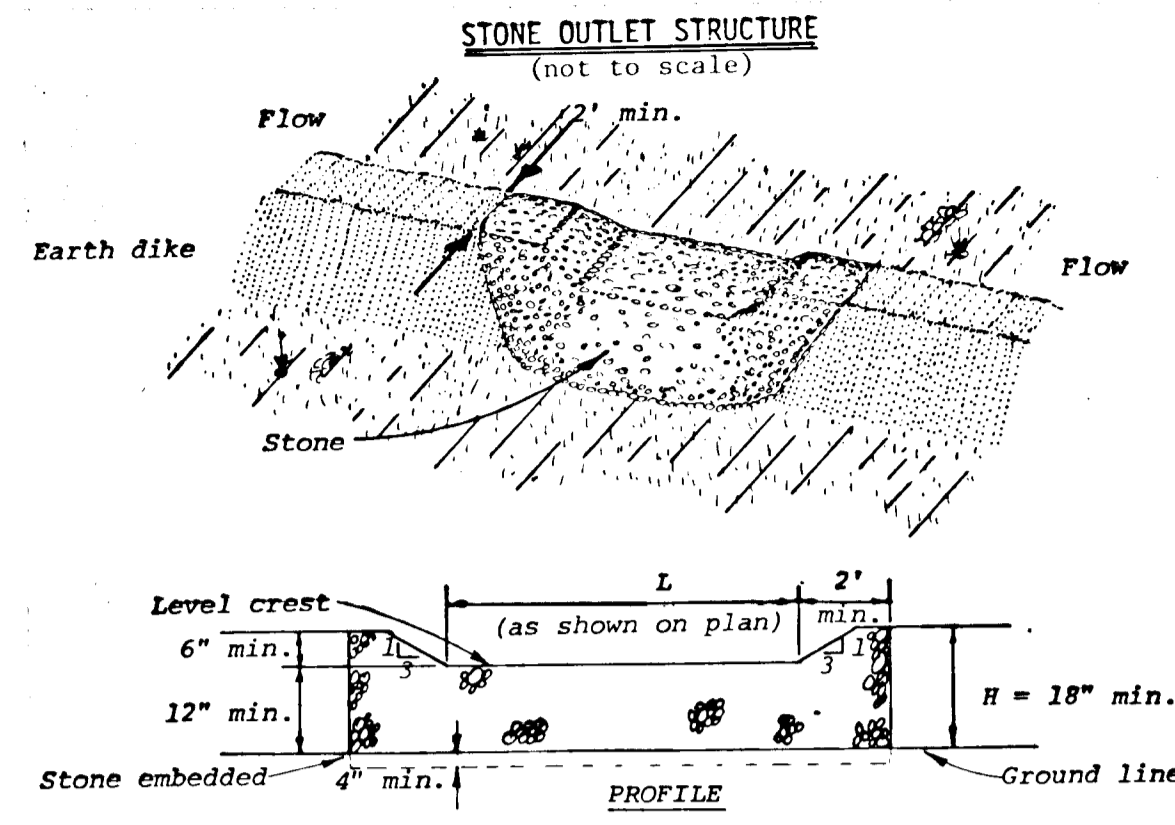
DEPARTMENT OF PUBLIC WORKS
 WOT/ibed 9-78
 CHIEF, BUREAU OF ENGINEERING DATE

PLAN
 SOIL EROSION & SEDIMENT CONTROL
 GLEN BROOK
 SECTION 4
 2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD LUTHERVILLE, MARYLAND 21093
 AS-BUILT JAN. 21, 1983



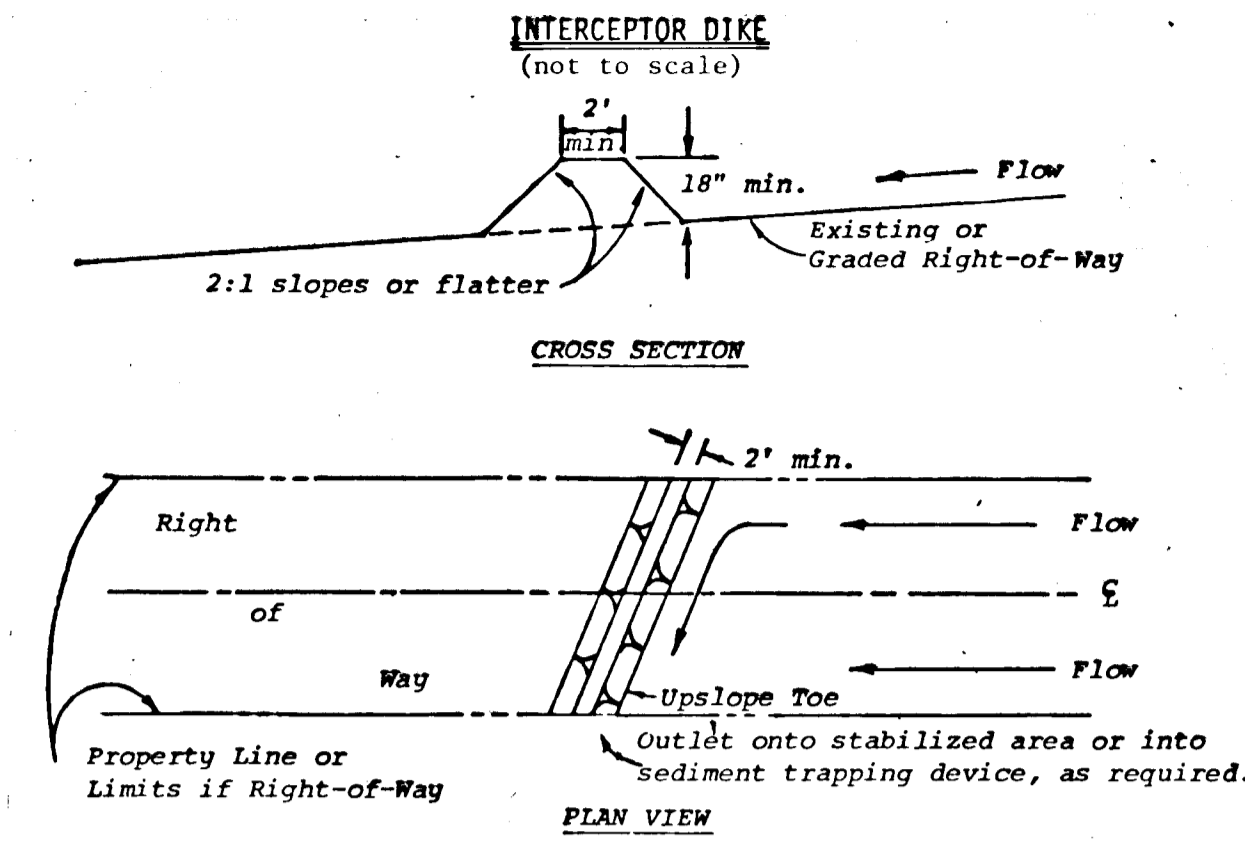
Construction Specifications

- All dikes shall be machine compacted.
- All perimeter dikes shall have positive drainage to an outlet.
- A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
- Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
- Periodic inspection and required maintenance shall be provided.



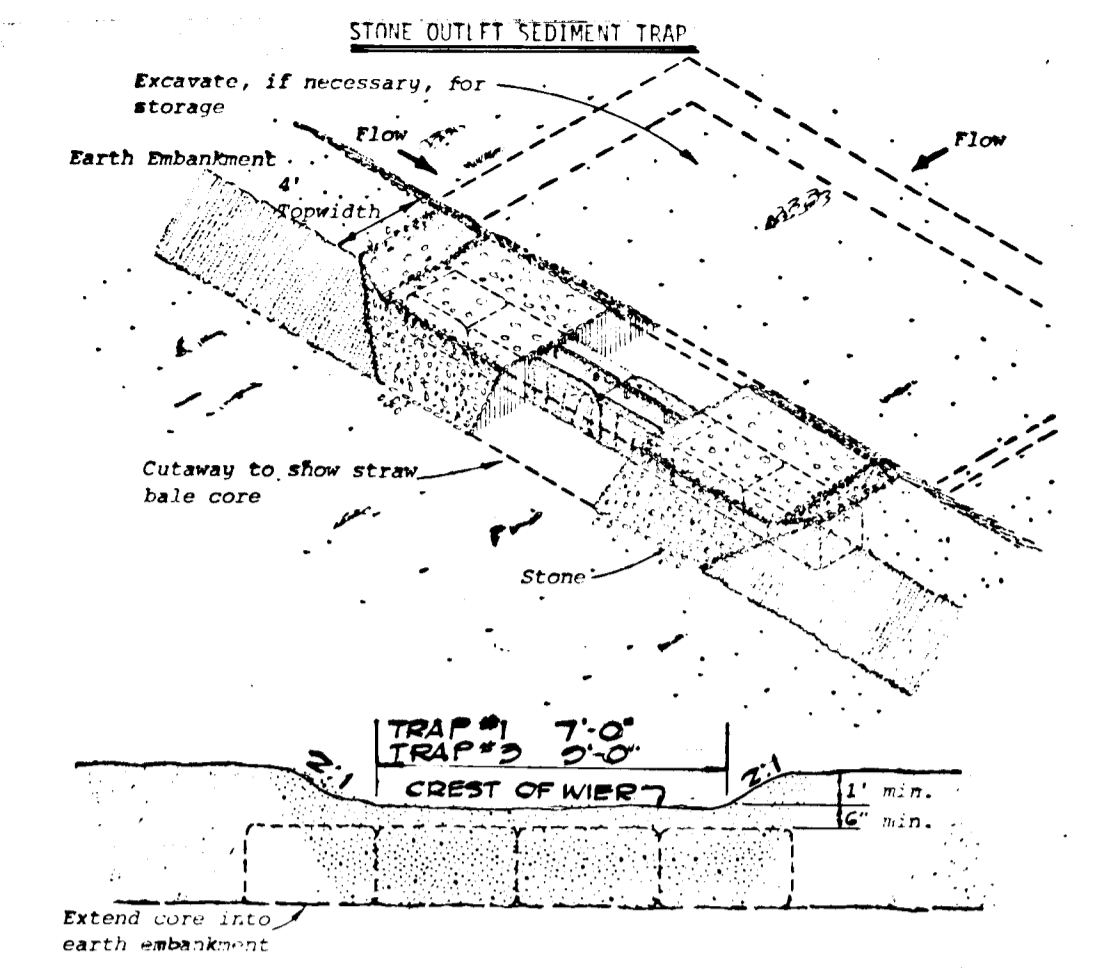
Construction Specifications

- The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation M43 Size No. 2 or 24.
- The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
- The stone outlet structure shall be embedded into the soil a minimum of four inches.
- The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
- The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.



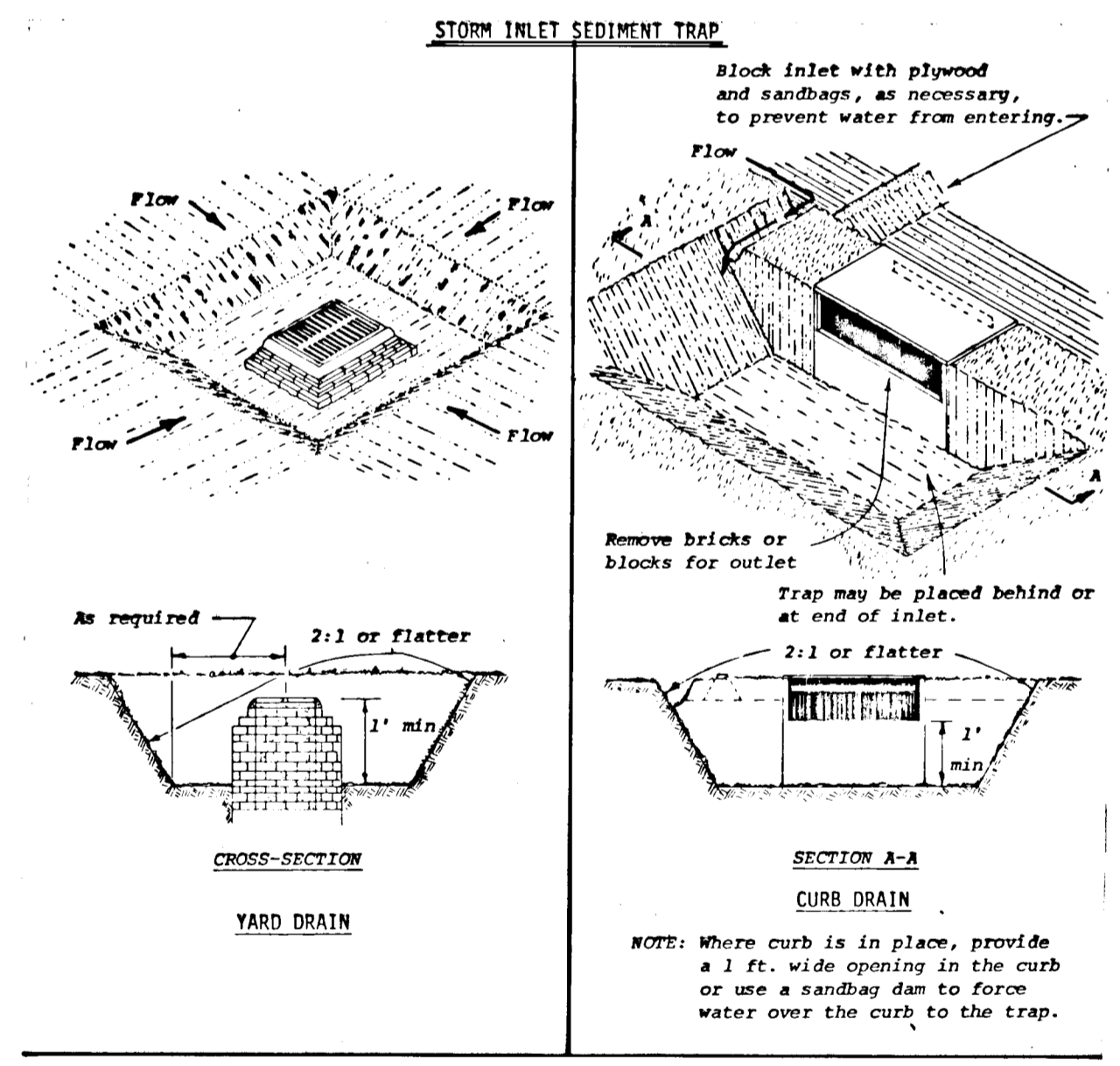
Construction Specifications

- All dikes shall be machine compacted.
- All interceptor dikes shall have positive drainage to an outlet.
- Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
- Field location should be adjusted as needed to utilize a stabilized safe outlet.
- Interceptor dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin when either the interceptor dike channel or the drainage area above the dike are not adequately stabilized.
- Stabilization, as specified by the plans, shall be: (1) in accordance with Standard and Specifications for Grassed Waterway, and the area to be stabilized shall be the channel (flow area); or (2) the flow area shall be lined with stone that meets MSHA size No. 2 or AASHTO size No. 2 or 24 which is placed in a 3 inch thick layer and pressed into the soil. The area covered by the stone shall be as shown on Standard Drawing DD-1.
- Periodic inspection and required maintenance must be provided.



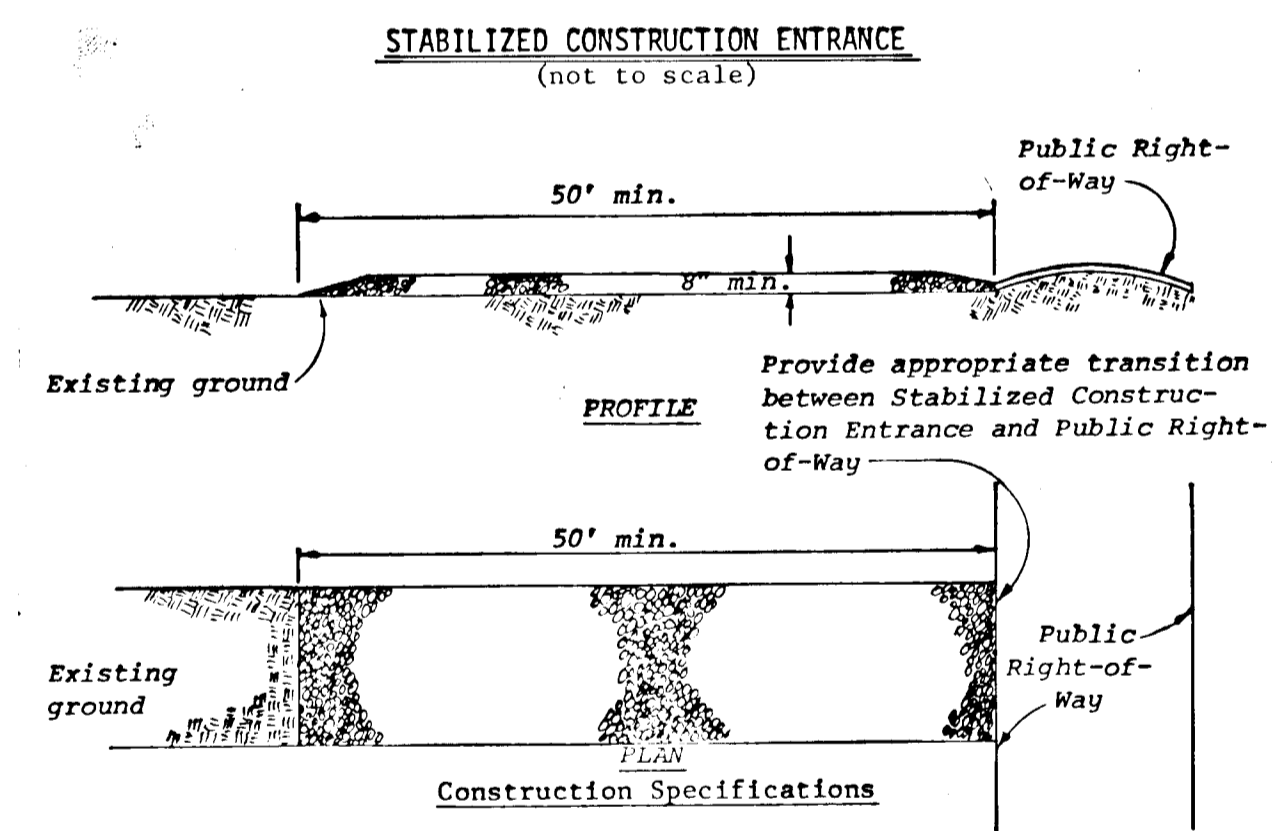
NOTE - Drawings show straw bales used for core. Bales are anchored as per Standard and Specifications for Straw Bale Dike. Other materials (e.g., timber or concrete block) may also be used for core. Firmly anchor all core material to ground.

- Construction Specifications**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
 - The fill material for the embankment shall be free of roots or other woody vegetation as well as over sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 - All cut and fill slopes shall be 2:1 or flatter.
 - The crushed stone used in the outlet shall meet AASHTO designation M43, Size No. 2 or 24 or its equivalent such as MSHA No. 2. Gravel, meeting the above gradation, may be used if crushed stone is not available. Crusher run is not acceptable.



CONSTRUCTION SPECIFICATIONS

- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
- The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
- All cut and fill slopes shall be 2:1 or flatter.



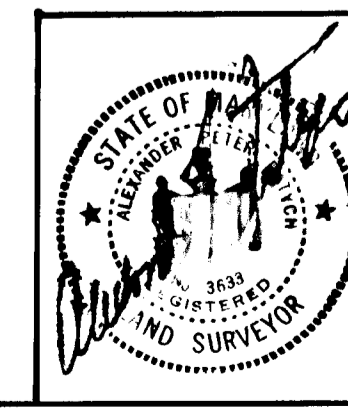
Construction Specifications

- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
- Length - As effective, but not less than 50 feet.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

DEPARTMENT OF PUBLIC WORKS
W. K. W.
 CHIEF, BUREAU OF ENGINEERING
 5-9-78
 DATE

DETAILS
 SOIL EROSION & SEDIMENT CONTROL
GLEN BROOK
 SECTION 4

2nd ELECTION DISTRICT, HOWARD CO., MARYLAND
 OWNER & DEVELOPER
 NICHOLAS B. MANGIONE
 1205 YORK ROAD, LUTHERVILLE, MARYLAND 21093
 Designed by: W.K.W. Scale: 1"=50'
 Drawn by: W.K.W. Date: Nov. 1977
 Checked by: W.K.W. Sheet No. 2 of 2



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