

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 HEALTH OFFICER: *[Signature]* DATE: 5-14-79

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 5-15-79

APPROVED: DIVISION OF LAND DEVELOPMENT
 DATE: 5-15-79

APPROVED: FOR STORM DRAINAGE SYSTEMS, ROAD AND PUBLIC WATER...
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 5-14-79

CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 5-14-79

ENGINEER'S CERTIFICATE:
 I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL...
 DATE: 4/26/79
 DATE: 8/23/78

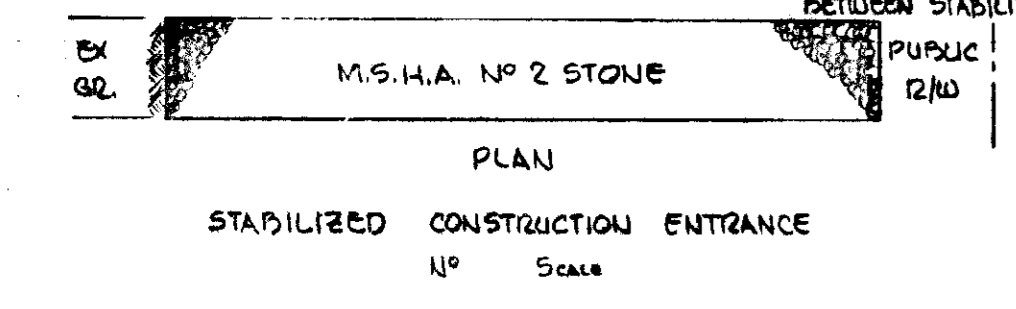
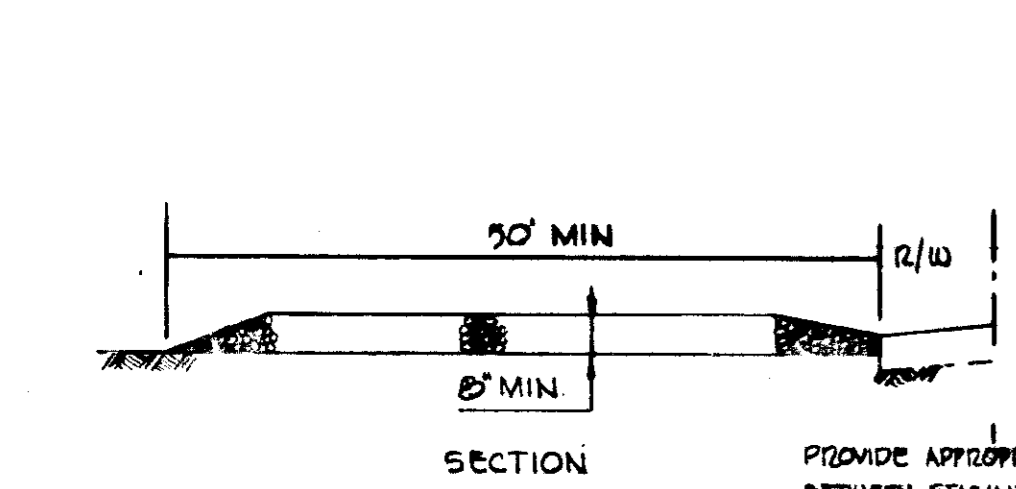
DEVELOPER'S CERTIFICATE:
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION...
 DATE: 4/26/79
 DATE: 3/20/79

REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.
 U.S. SOIL CONSERVATION SERVICE: *[Signature]* DATE: 5/15/79

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

APPROVED: *[Signature]* DATE: 5-3-79
 HO. SOIL CONSERVATION DISTRICT

SEDIMENT CONTROL NOTES:
 1. OBTAIN EROSION PERMIT
 2. THE HO. CO. BUREAU OF LICENSE, INSPECTIONS & PERMITS SHALL BE GIVEN 48 HRS. NOTICE PRIOR TO ANY GRADING.
 3. ALL SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN UNLESS OTHERWISE SPECIFIED SHALL BE INSTALLED IN ACCORDANCE WITH NOTE 2.
 4. ALL SLOPES SHALL BE MAX. 3 TO 1.
 5. FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UPGRADED, THE AREA OF SEDIMENT CONTROL MEASURES MAY BE REMOVED & GRADED TO THE FINAL GRADES SHOWN & STABILIZED IMMEDIATELY. SEE NOTE 3 FOR STABILIZATION.
 6. IN THE EVENT OF EXCESS MATERIAL, EXCESS MATERIAL SHALL BE STOCKPILED WITH A MAX. SLOPE 3:1 IN AN AREA WHICH HAS BEEN CLEANED ON-SITE. STOCKPILED MATERIAL SHALL BE STABILIZED IN ACCORDANCE WITH NOTE 5.
 7. SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM HO. CO. BUREAU OF PERMITS, INSPECTION & LICENSE.
 8. PERMANENT STABILIZATION
 APPLY: 2000 LBS. PER ACRE OF PULVERIZED DOLOMITIC LIMESTONE
 100 LBS. PER ACRE OF 0-20-0 SUPER PHOSPHATE
 1000 LBS. PER ACRE OF 10-10-10 FERTILIZER
 SEED: 25 LBS. PER ACRE OF KENTUCKY 31 TALL FESCUE & 25 LBS. PER ACRE OF ANNUAL RYE GRASS.
 NOTE: SEED BETWEEN MAR. 1 - MAY 1 OR AUG. 1 - OCT. 1 ONLY.
 MULCH: 2 TONS PER AC. OF UNWEATHERED WHEATSTRAW
 THE DOWN MULCH WITH 400 GAL. PER AC. OF LIQUID ASPHALT.

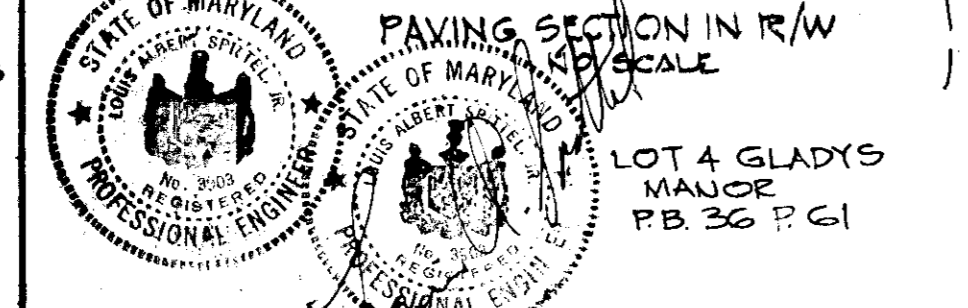
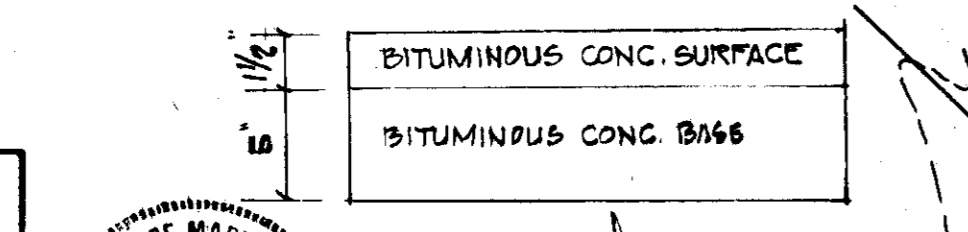


STABILIZED CONSTRUCTION ENTRANCE
 No. 5000

1. HEALTH DEPARTMENT - GENERAL NOTES
 1. THE LOTS SHOWN HEREON COMPY WITH THE MINIMUM OWNERSHIP WITH AN 1/4 AC. AREA REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

SITE ANALYSIS AREA TO BE DEVEGETATED
 1. TOTAL AREA OF SITE 8.97 AC.
 2. DISTURBED AREA 4.0 AC.
 3. TOTAL AREA PAVED 1.985
 4. TOTAL CUT 9000 YDS.
 5. TOTAL FILL 9000 YDS.

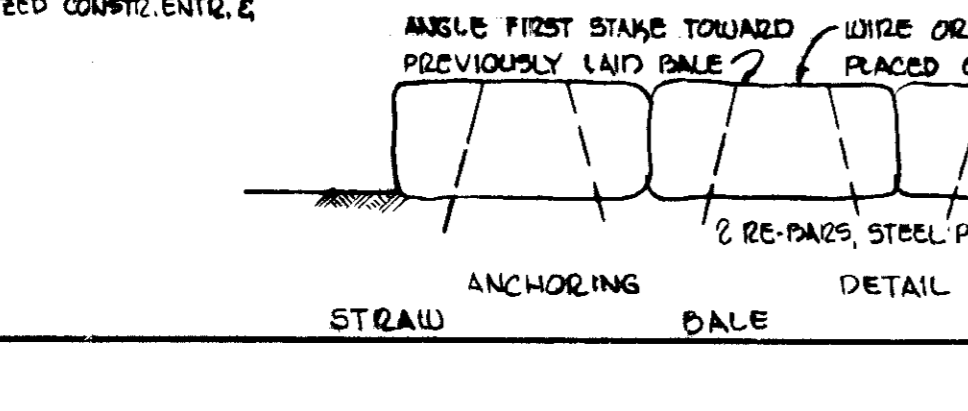
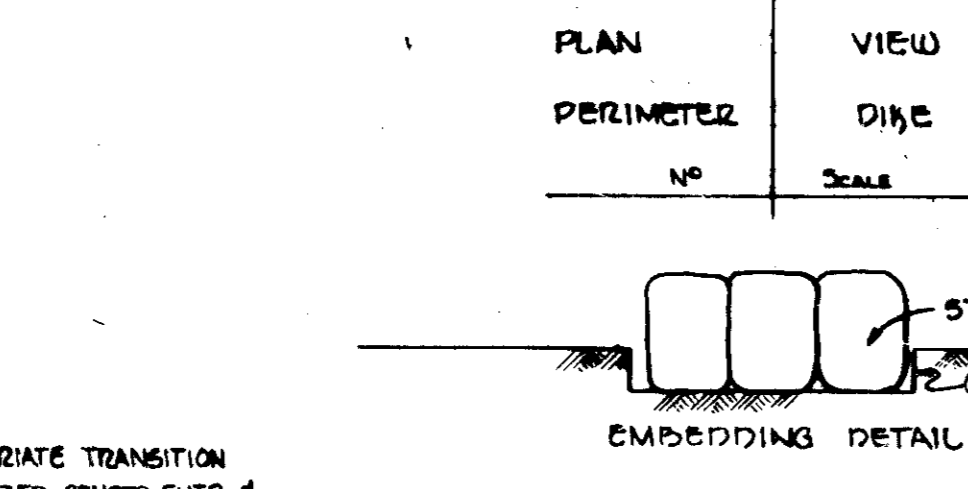
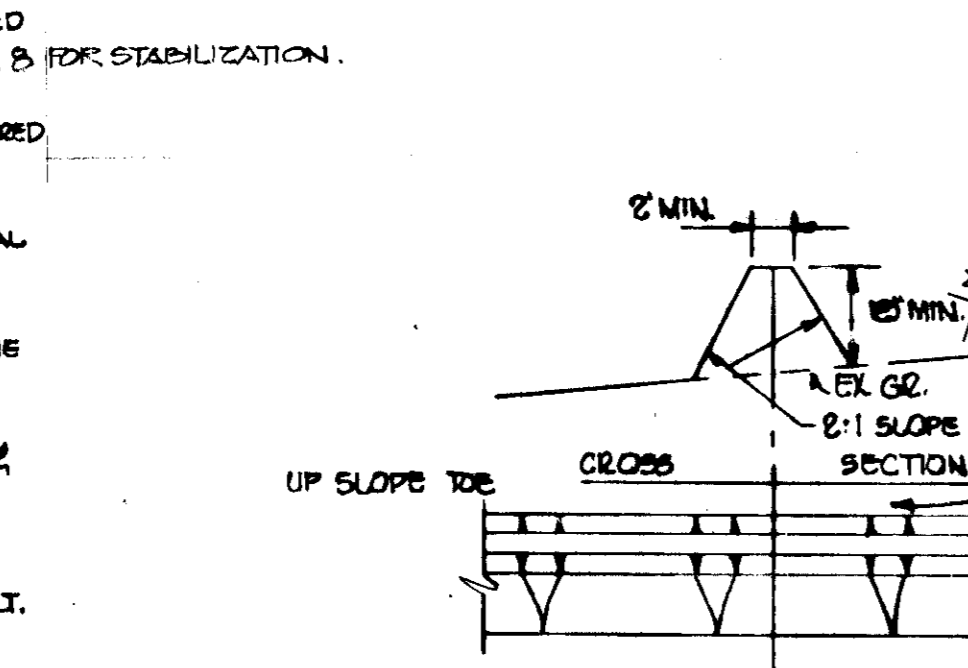
CONSTRUCTION SEQUENCE
 1. INSTALL SEDIMENT MEASURES 1 WEEK
 2. GRADE SITE 4 WEEKS
 3. CONSTRUCT PAVEMENT & STORM DRAINS 7 WEEKS
 4. CONSTRUCT BUILDING 1 YEAR



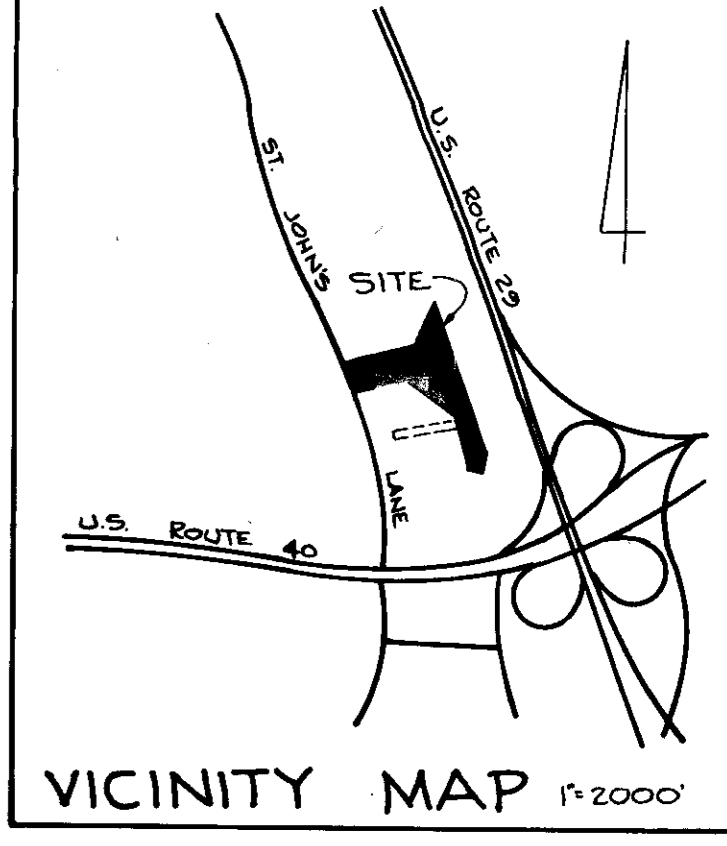
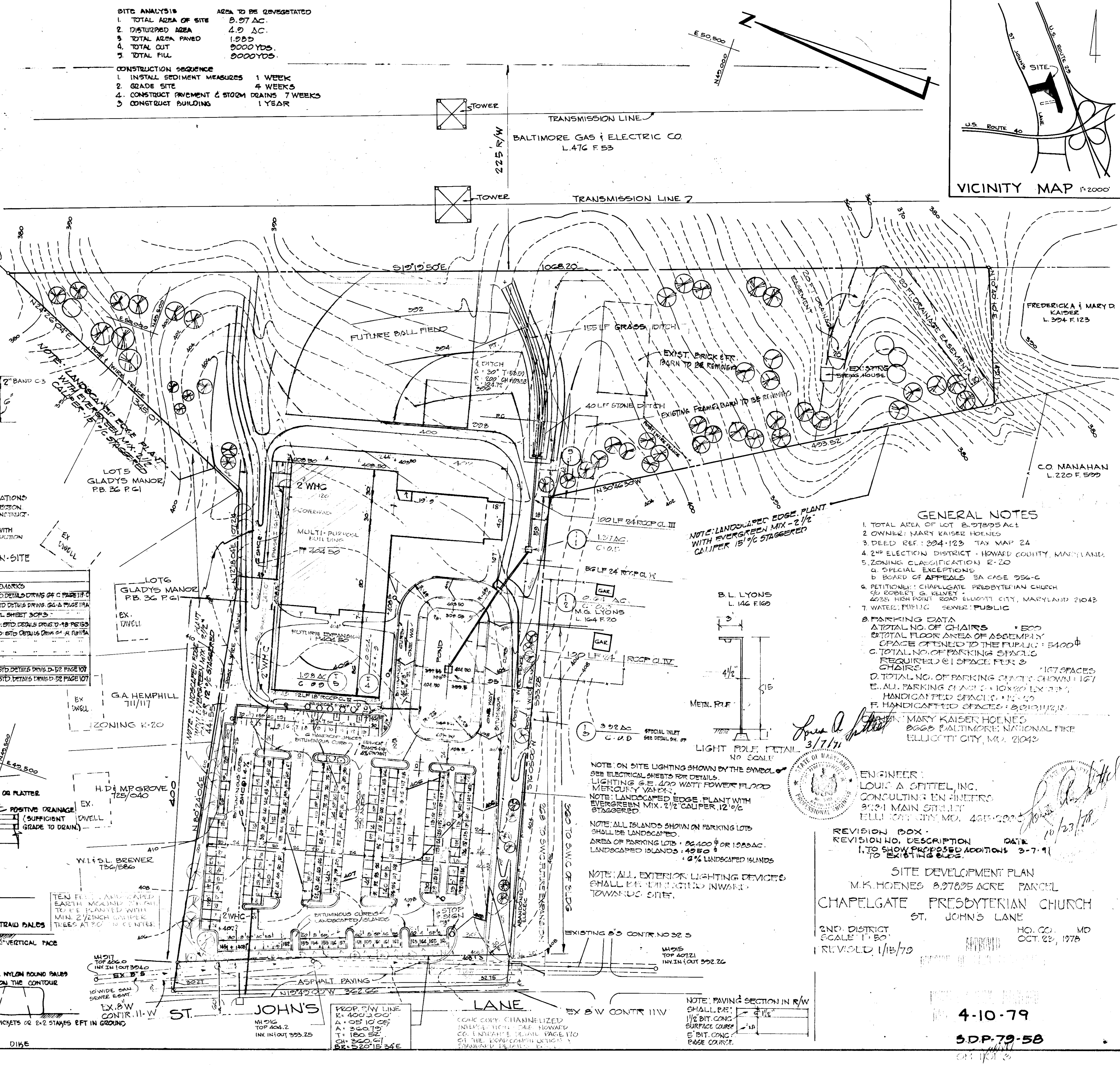
TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS
 CLEARING AND GRADING ARTICLE C-1
 SUBGRADE ARTICLE C-2
 PAVEMENT COURSE ARTICLE C-25
 SURFACE ARTICLE C-21
 SEE HO. CO. RD. CONSTR. CODE & STD. SPECIFICATIONS
 NOTE: THE BASE WILL BE FIRMED IN ACCORDANCE WITH SECTION C-20-2 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS
 NOTE: A TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-21-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STD. SPECIFICATIONS.

PROPOSED PAVING SECTION ON-SITE
 NO. SCALE

NO.	TYPE	INV. IN	INV. OUT	TOP EL.	REMARKS
1-1	HO. CO. STD. CLASS C INLET	394.12	393.92	393.92	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 117
1-2	HO. CO. STD. CLASS C INLET A/B	394.85	394.65	394.65	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 117
1-3	SPECIAL INLET	393.88	393.78	393.78	SEE DETAIL SHEET 30P-5
1-4	HO. CO. STD. CLASS C INLET SINGLE GRATE	393.21	393.01	393.01	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 117
1-5	HO. CO. STD. CLASS C INLET A/B	393.30	393.10	393.10	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 117
2-1	HO. CO. STD. TYPE C ENDWALL	392.92	392.72	392.72	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 107
2-2	HO. CO. STD. TYPE C ENDWALL	393.88	393.68	393.68	SEE HO. CO. STD. DETAILS DRIVE D-52 PAGE 107



STRAW BALE ANCHORING DETAIL
 DIKE



GENERAL NOTES
 1. TOTAL AREA OF LOT 8.97895 AC.
 2. OWNER: MARY KAISER HOENES
 3. DEED REF: 204-123 TAX MAP 24
 4. 2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND
 5. ZONING CLASSIFICATION R-20
 6. SPECIAL EXCEPTIONS
 7. BOARD OF APPEALS SA CASE 256-C
 8. PETITIONER: CHAPEL GATE PRESBYTERIAN CHURCH
 9. 6050 ST. KELVEY - 4025 HIGH POINT ROAD ELUGOTT CITY, MARYLAND 21043
 7. WATER: PUBLIC SEWER: PUBLIC
 8. PARKING DATA
 A. TOTAL NO. OF CHAIRS: 500
 B. TOTAL FLOOR AREA OF ASSEMBLY SPACE OPENED TO THE PUBLIC: 5400 SF
 C. TOTAL NO. OF PARKING SPACES REQUIRED @ 1 SPACE PER 3 CHAIRS: 167 SPACES
 D. TOTAL NO. OF PARKING SPACES SHOWN: 167
 E. ALL PARKING SPACES TO EXCEED 10' X 20' EXCEPT HANDICAPPED SPACES 11' X 20'
 F. HANDICAPPED SPACES: 8 SPACES
 MARY KAISER HOENES
 6050 BALTIMORE NATIONAL FIRE
 ELLICOTT CITY, MD. 21043

ENGINEER:
 LOUIS A. SPITTEL, INC.
 CONSULTING ENGINEERS
 3021 MAIN STREET
 ELLICOTT CITY, MD. 4815-0000
 DATE: 10/23/78

REVISION BOX:
 REVISION NO. DESCRIPTION DATE
 1. TO SHOW PROPOSED ADDITIONS TO EXISTING P.L.S.
 3-7-79

SITE DEVELOPMENT PLAN
 M.K. HOENES 8.97895 ACRE PARCEL
 CHAPEL GATE PRESBYTERIAN CHURCH
 ST. JOHN'S LANE
 HO. CO. MD
 OCT. 23, 1978

2ND DISTRICT
 SCALE: 1" = 50'
 REVISED: 1/13/79
 4-10-79
 S.D.P. 79-58

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS BY HOWARD COUNTY HEALTH DEPARTMENT

J. R. ... 5-8-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

J. R. ... 5-15-79

PLANNING DIRECTOR

A. ... 5-15-79

PRINCIPAL DIVISION OF LAND DEVELOPMENT

APPROVED FOR STORM DRAINAGE SYSTEMS, ROAD AND PUBLIC WATER SUPPLY BY HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

M. F. ... 5-14-79

W. O. ... 5-14-79

CHIEF BUREAU OF ENGINEERING

ENGINEER'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

L. A. Spittel 4-25-79

L. A. SPITTEL

DEVELOPER'S CERTIFICATE:

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL. WE AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HO. SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SOIL CONSERVATION DISTRICT.

Robert G. Kelvey 4/25/79

ROBERT G. KELVEY, CHAIRMAN OF THE BUILDING COUNCIL

REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS.

C. Wayne Ray 5/5/79

U.S. SOIL CONSERVATION SERVICE

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

Wes Ford 6-2-79

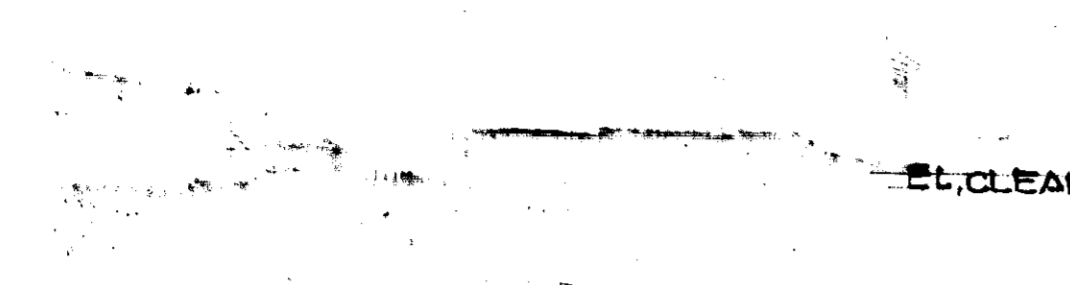
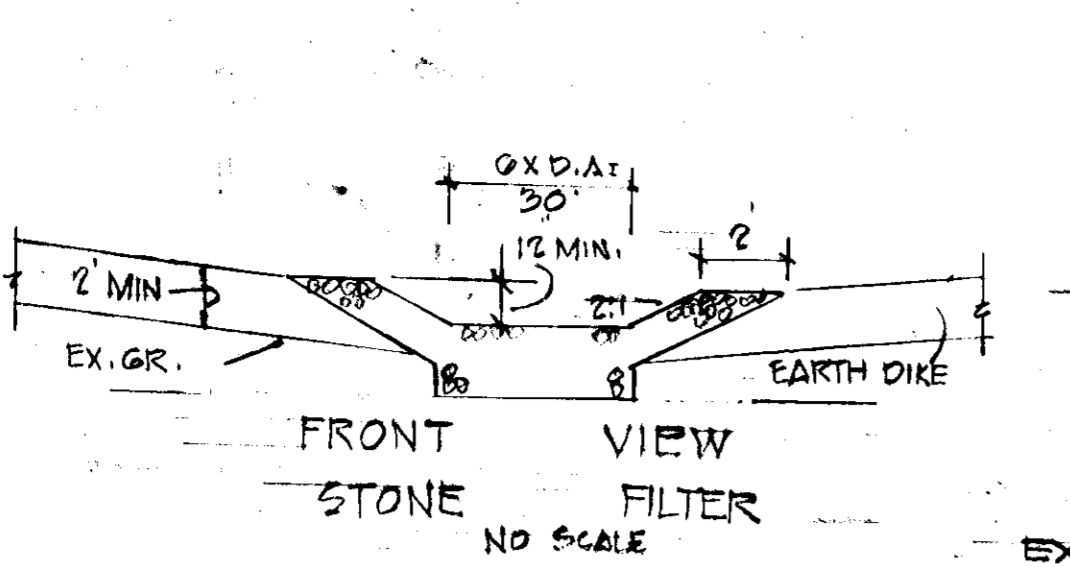
HOWARD COUNTY CONSERVATION DISTRICT

PERMITS CONTROL NOTES:

1. OBTAIN GRADING PERMIT
2. THE HO. CO. PERMIT OF CONSENT, INSPECTIONS & PERMITS SHALL BE OBTAINED PRIOR TO ANY GRADING.
3. ALL SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN UNLESS OTHERWISE SPECIFIED SHALL BE INSTALLED IN ACCORDANCE WITH NOTE 4. ALL SLOPES SHALL BE MAX. 3 TO 1.
4. FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UPGRADED, THE AREA OF SEDIMENT CONTROL MEASURES MAY BE REMOVED & GRADED TO THE FINAL GRADES SHOWN & STABILIZED IMMEDIATELY. SEE NOTE NO. 8 FOR STABILIZATION.
5. IN THE EVENT OF EXCESS MATERIAL, EXCESS MATERIAL SHALL BE STOCKPILED WITH A MAX. SLOPE 3:1 IN AN AREA WHICH HAS BEEN CLEARED ON-SITE. STOCKPILED MATERIAL SHALL BE STABILIZED IN ACCORDANCE WITH NOTE 6.
6. SEDIMENT CONTROL MEASURES WILL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED FROM HO. CO. BUREAU OF PERMITS, INSPECTION & LICENSE.

PERMANENT STABILIZATION

APPLY: 2000 LBS PER ACRE OF PULVERIZED DOLOMITIC LIMESTONE
 100 LBS PER ACRE OF 0-20-0 SUPER PHOSPHATE
 1000 LBS PER ACRE OF 10-10-10 FERTILIZER
 SEED: 100 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE & 75 LBS PER ACRE OF ANNUAL RYE GRASS.
 NOTE: SEED BETWEEN MAR 1 - MAY 1 OR AUG 1 - OCT 1 ONLY.
 MULCH: 2 TONS PER AC OF UNWEATHERED WHEATSTRAW
 THE DARK MULCH WITH 10% GAL. PER AC OF LIQUID ASPHALT.



SITE ANALYSIS

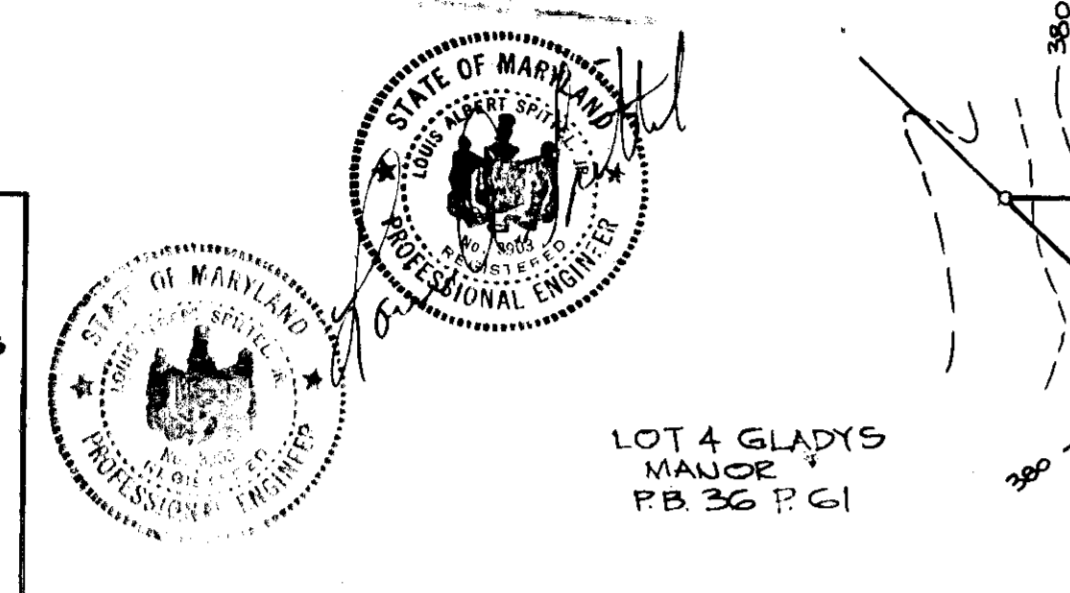
AREA TO BE DEVEGETATED

1. TOTAL AREA OF SITE 8.97 AC.
2. DISTURBED AREA 4.0 AC.
3. TOTAL YARPA PAVED 1,985
4. TOTAL CUT 9000 YDS.
5. TOTAL FILL 9000 YDS.

CONSTRUCTION SEQUENCE

1. INSTALL SEDIMENT MEASURES 1 WEEK
2. GRADE SITE 4 WEEKS
3. CONSTRUCT PAVEMENT & STORM DRAINS 7 WEEKS
4. CONSTRUCT BUILDING 1 YEAR

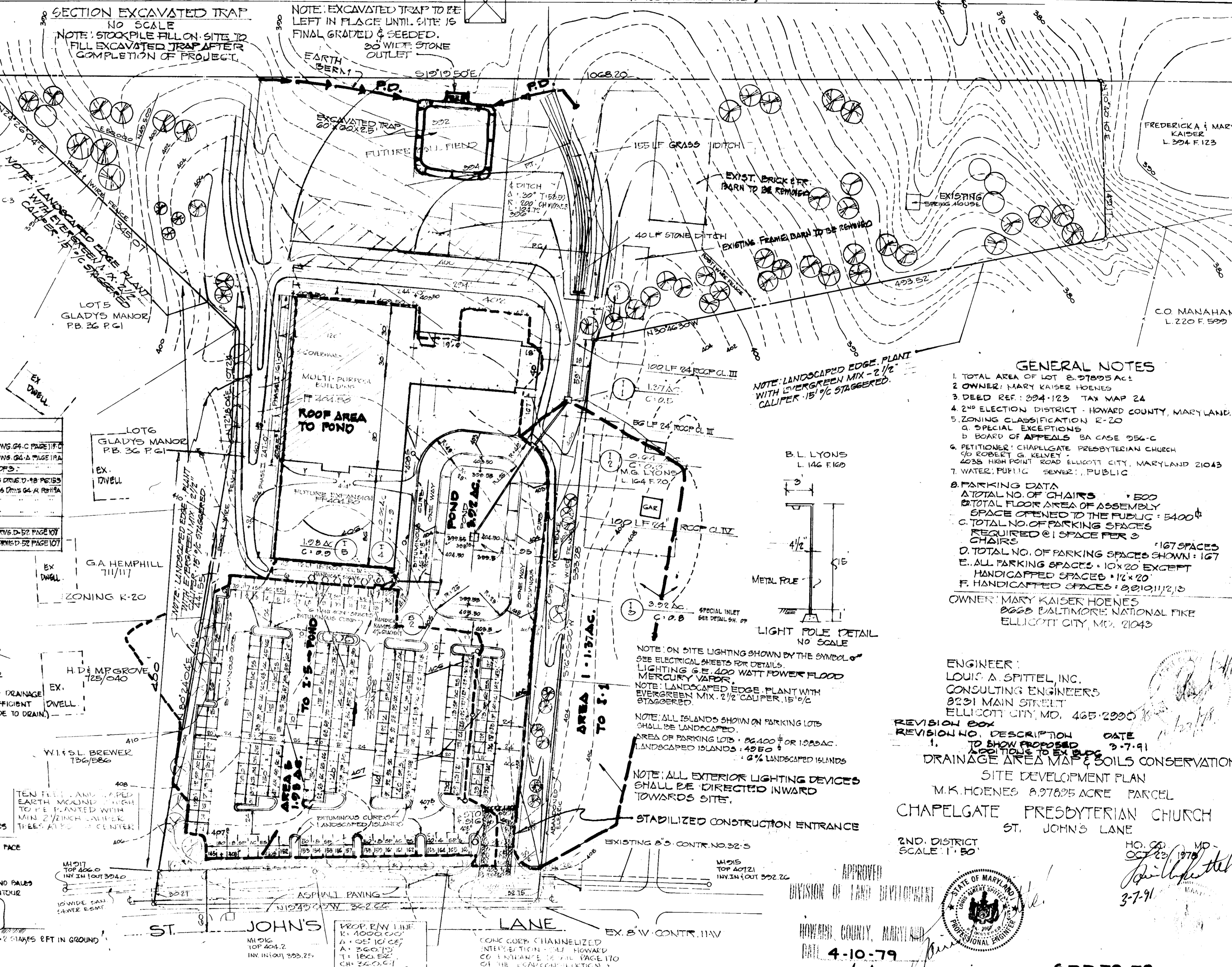
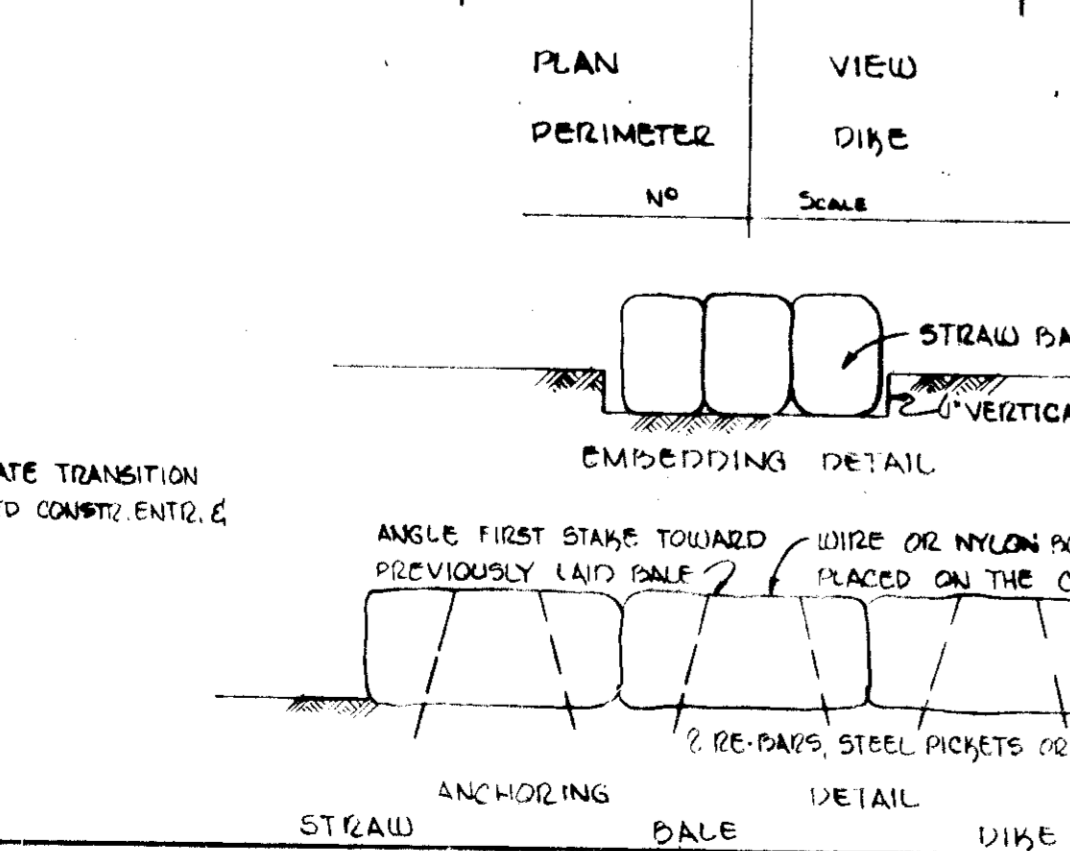
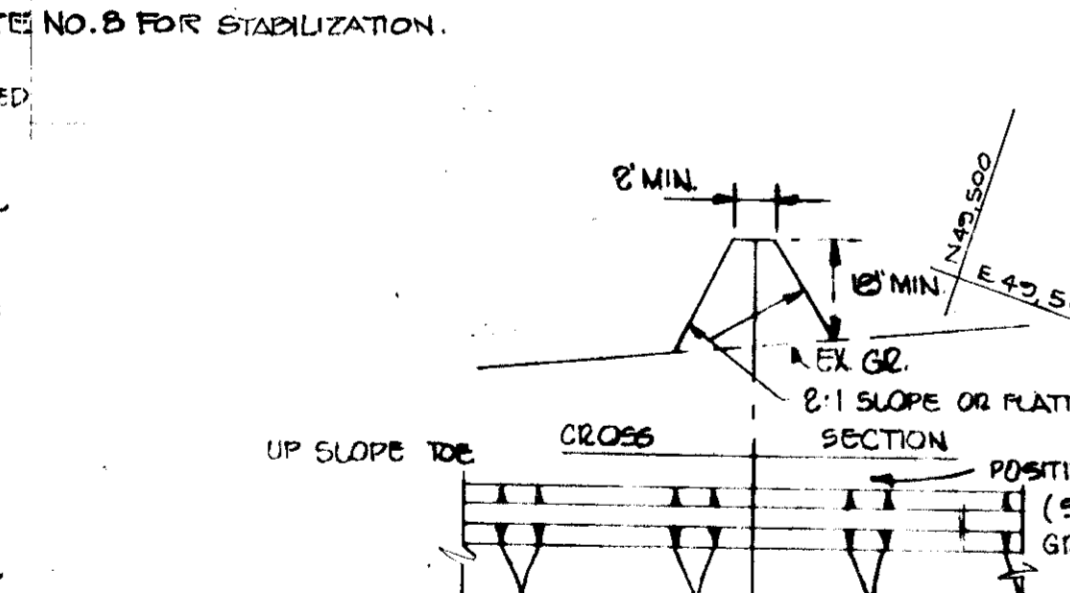
EXCAVATED TRAP
 DRAINAGE AREA: 4.0 AC.
 DISTURBED AREA: 4.0 AC.
 REQUIRED VOLUME: 920 C.Y.
 VOLUME SHOWN: 920 C.Y.
 TRAP TO BE RESTORED TO ORIGINAL DIMENSIONS SHOWN AFTER EACH RAIN. SEDIMENT TO BE REMOVED WHEN TRAP IS FILLED TO 1/2 DESIGN DEPTH EL. 307.75



TO BE CONSTRUCTED IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS

CLEARING AND GRADING ARTICLE C-1
 SUBGRADE ARTICLE C-2
 BASE COURSE ARTICLE C-25
 SURFACE ARTICLE C-31
 SEE HO. CO. RD. CONSTR. CODE & STD. SPECIFICATIONS

NO.	TYPE	QTY	UNIT	REMARKS
1-1	HOC STD CLASS C INLET	394.12	394.12	SEE HO. CO. STD. DETAILS DRIVE D-57 PAGE 117 C
1-2	HOC STD CLASS A INLET A-B	394.88	394.88	SEE HO. CO. STD. DETAILS DRIVE D-57 PAGE 117 A
1-3	SPECIAL INLET	399.88	399.88	SEE SPECIAL SHEET 307.5
1-4	HOC STD CLASS B INLET SINGLE GRATE	399.01	399.01	SEE HO. CO. STD. DETAILS DRIVE D-18 PAGE 10
1-5	HOC STD CLASS B INLET DOUBLE GRATE	399.35	399.35	SEE HO. CO. STD. DETAILS DRIVE D-18 PAGE 10
2-1	HOC STD TYPE C ENDWALL	399.02	399.02	SEE HO. CO. STD. DETAILS DRIVE D-57 PAGE 107
2-2	HOC STD TYPE C ENDWALL	399.86	399.86	SEE HO. CO. STD. DETAILS DRIVE D-57 PAGE 107



- GENERAL NOTES**
1. TOTAL AREA OF LOT 2, 9785 AC.
 2. OWNER: MARY KAISER HOENES
 3. DEED REF: 304-123 TAX MAP 24
 4. 2ND ELECTION DISTRICT - HOWARD COUNTY, MARYLAND
 5. ZONING CLASSIFICATION: R-20
 6. SPECIAL EXCEPTIONS
 7. BOARD OF APPEALS SA CASE 956-C
 8. PETITIONER: CHAPEL GATE PRESBYTERIAN CHURCH
 9. ROBERT G. KELVEY
 10. 4235 HIGH POINT ROAD ELLICOTT CITY, MARYLAND 21043
 11. WATER: PUBLIC SEWER: PUBLIC
- PARKING DATA**
- A. TOTAL NO. OF CHAIRS: 500
 - B. TOTAL FLOOR AREA OF ASSEMBLY SPACE OPENED TO THE PUBLIC: 5400 sq ft
 - C. TOTAL NO. OF PARKING SPACES REQUIRED @ 1 SPACE PER 3 CHAIRS: 167 SPACES
 - D. TOTAL NO. OF PARKING SPACES SHOWN: 167
 - E. ALL PARKING SPACES: 10' x 20' EXCEPT HANDICAPPED SPACES: 12' x 20'
 - F. HANDICAPPED SPACES: 8 @ 10' x 12' @ 10'
- OWNER: MARY KAISER HOENES
 8025 BALTIMORE NATIONAL FIRE ELLICOTT CITY, MD, 21043

ENGINEER:
 LOUIS A. SPITTEL, INC.
 CONSULTING ENGINEERS
 8231 MAIN STREET
 ELLICOTT CITY, MD, 435-2990

REVISION BOX

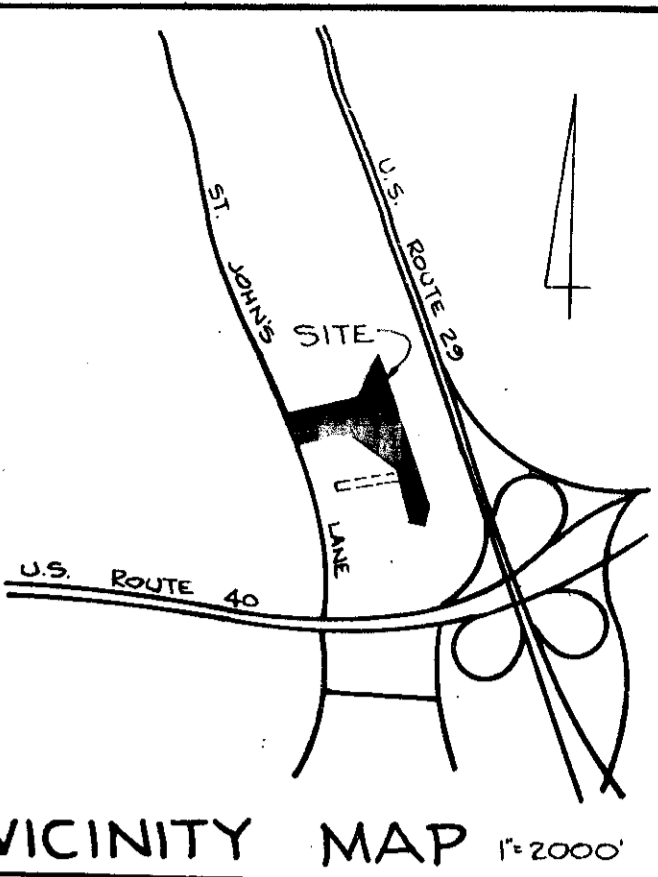
REVISION NO.	DESCRIPTION	DATE
1.	TO SHOW PROPOSED ADDITIONS TO EX 1506	3-7-91

DRAINAGE AREA MAP & SOILS CONSERVATION
 SITE DEVELOPMENT PLAN
 M.K. HOENES 8,978.5 ACRE PARCEL
 CHAPEL GATE PRESBYTERIAN CHURCH
 ST. JOHN'S LANE

2ND DISTRICT SCALE: 1" = 50'

APPROVED
 HOWARD COUNTY, MARYLAND
 DATE: 4-10-79

HO. CO. MD-22
 OCT 22 1979
 L. A. Spittel
 3-7-91



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER

DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Thomas A. Hamish
PLANNING DIRECTOR

5-15-79
DATE

CHIEF DIVISION OF LAND DEVELOPMENT

5-16-79
DATE

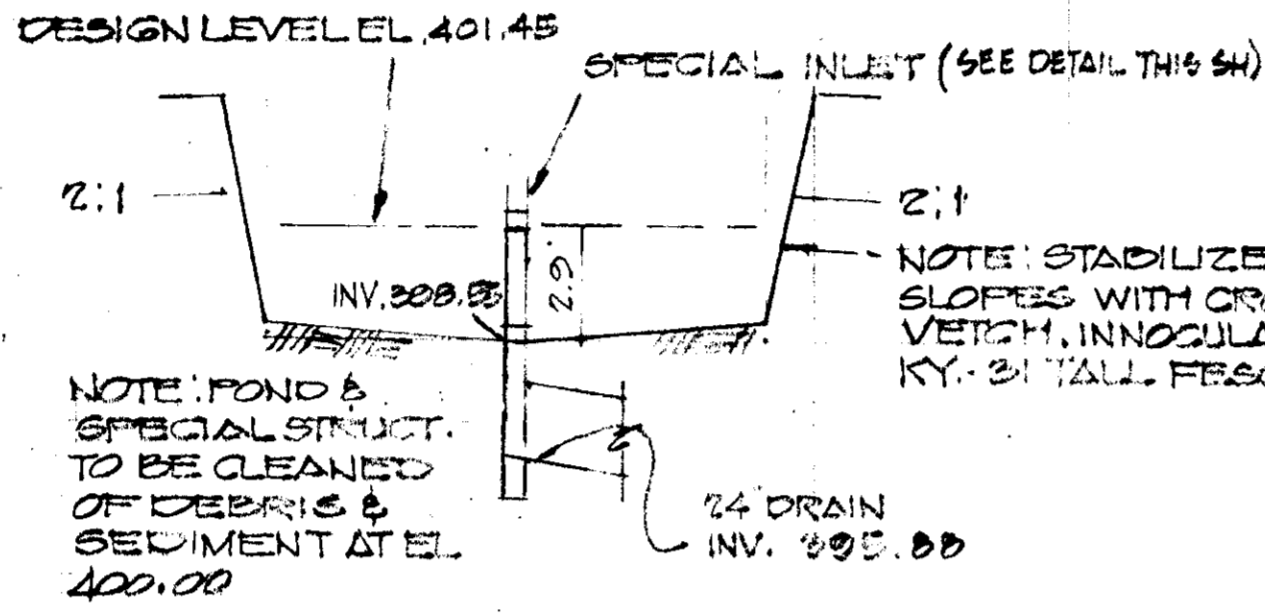
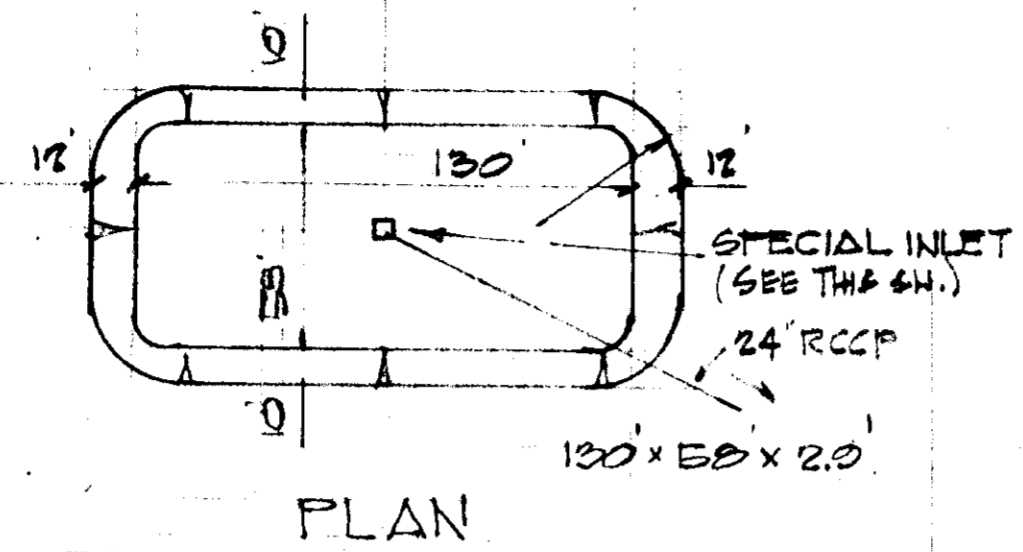
APPROVED FOR STORM DRAINAGE SYSTEMS, ROAD AND PUBLIC WATER & PUBLIC SEWER

Walter F. Nummy
DIRECTOR

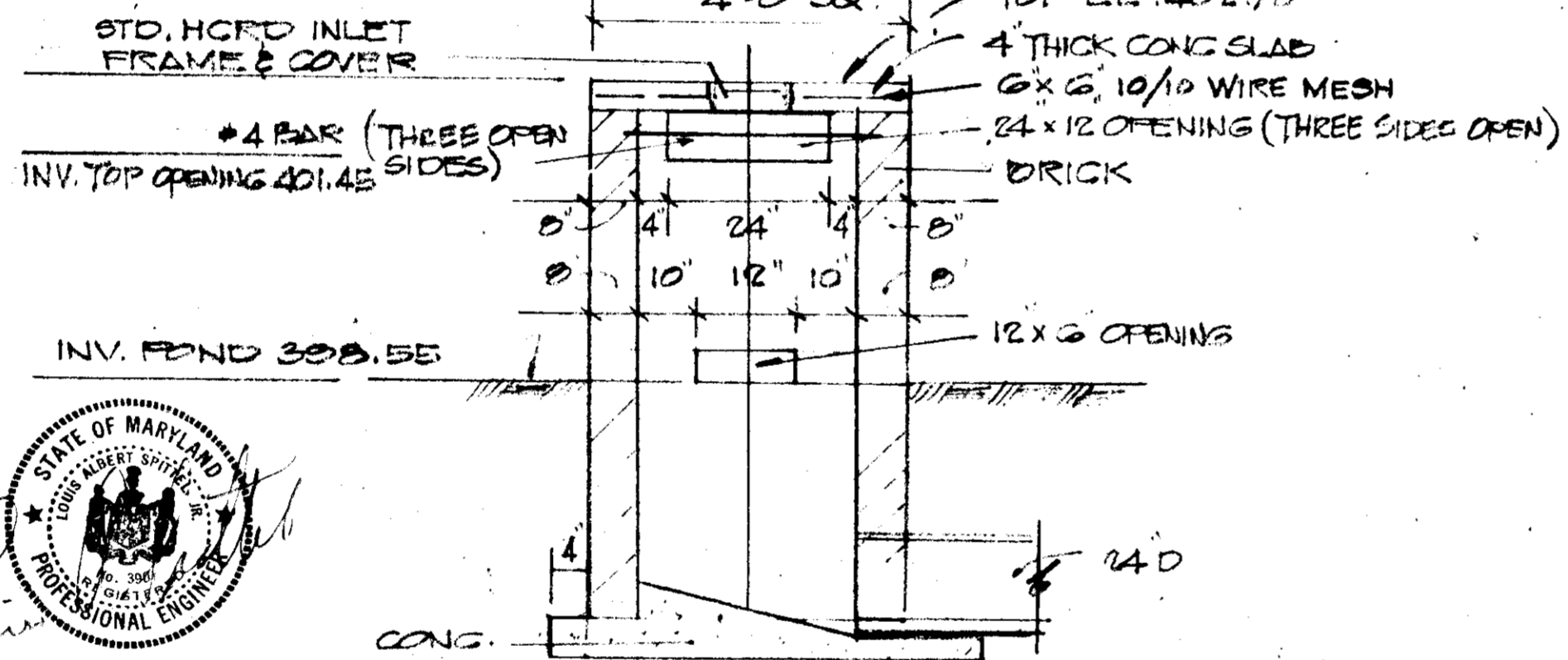
5-14-79
DATE

CHIEF BUREAU OF ENGINEERING

5-14-79
DATE

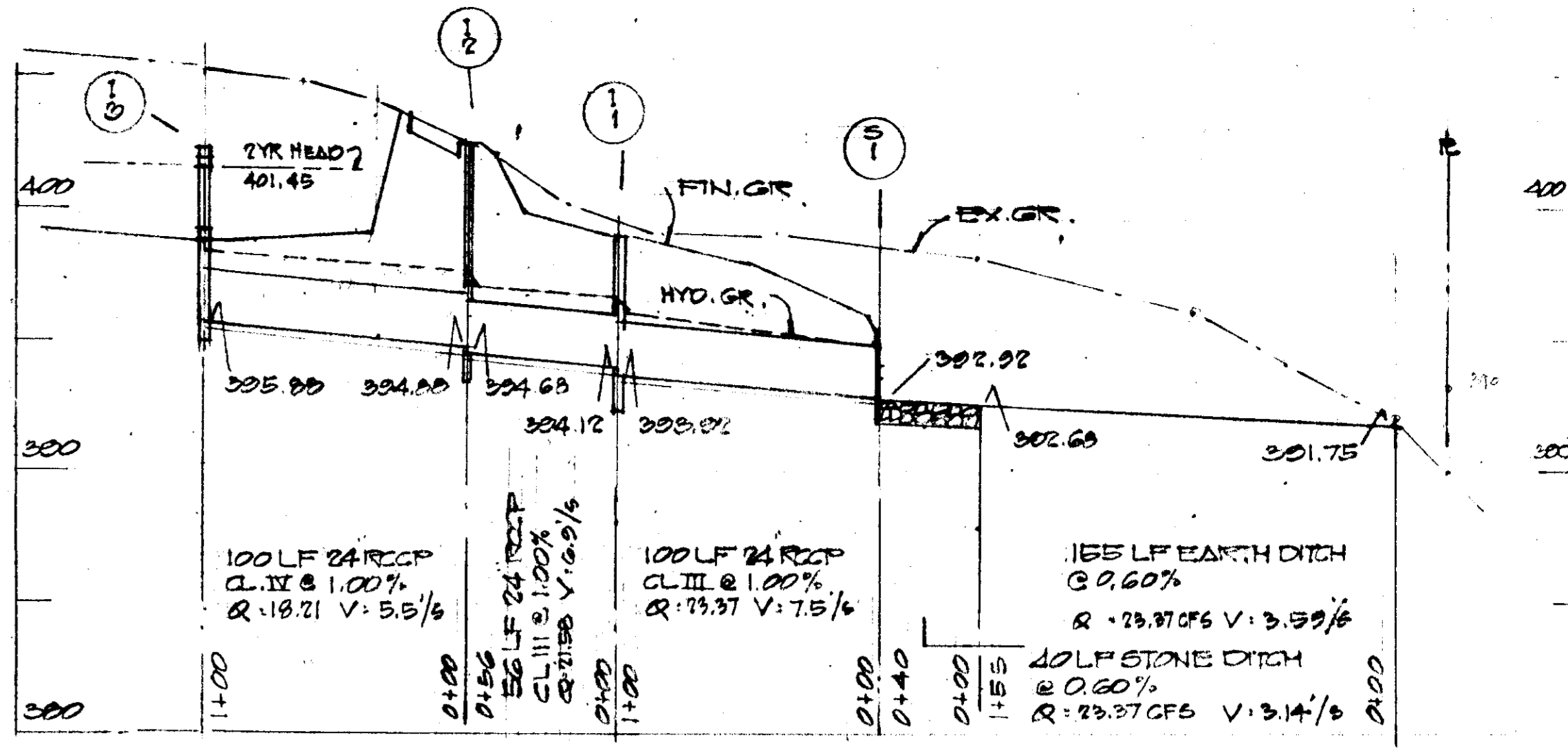


SECTION STORM WATER MANAGEMENT POND - NO SCALE

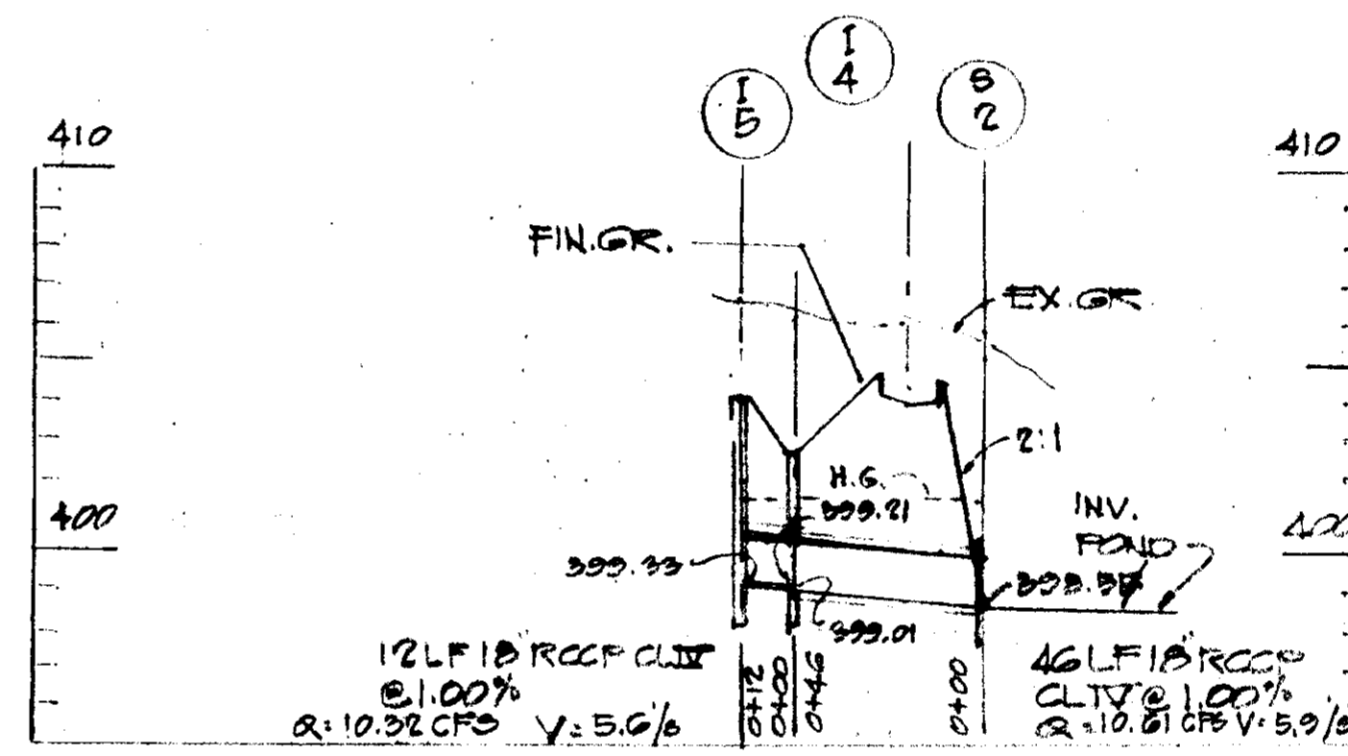


DETAIL SPECIAL INLET I-3 - NO SCALE

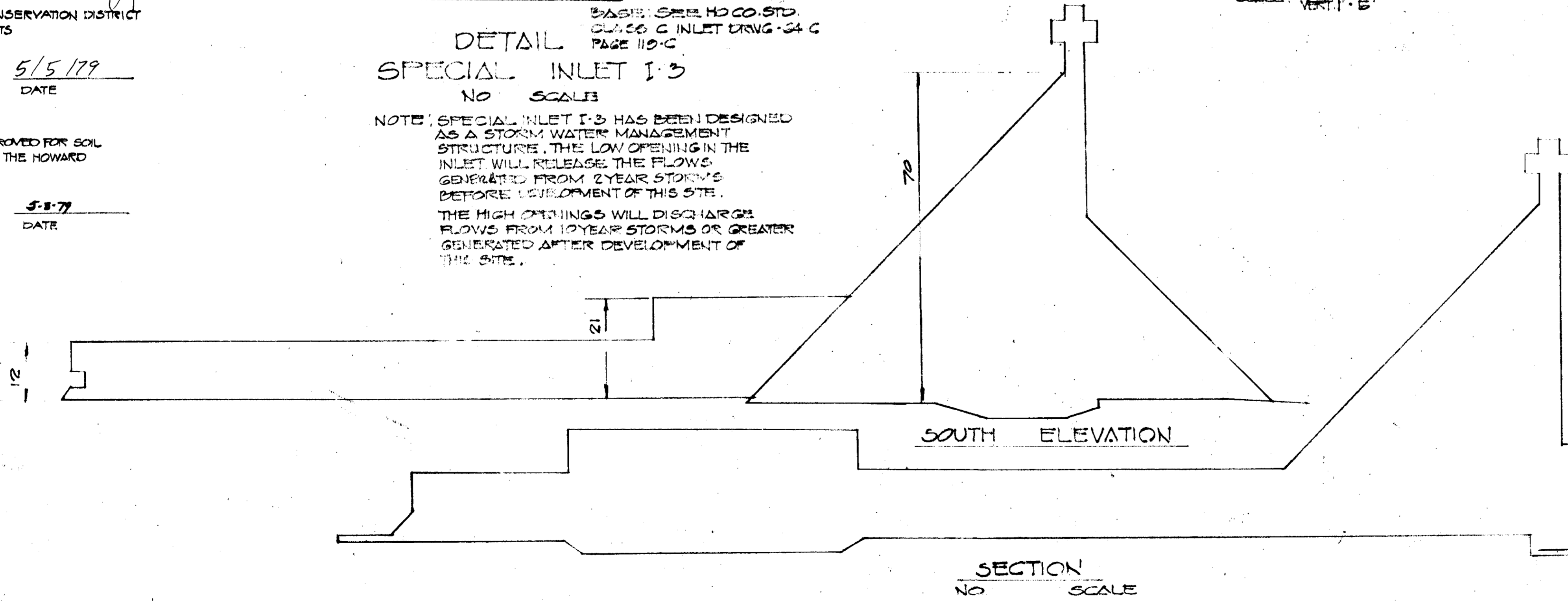
NOTE: SPECIAL INLET I-3 HAS BEEN DESIGNED AS A STORM WATER MANAGEMENT STRUCTURE. THE LOW OPENING IN THE INLET WILL RELEASE THE FLOWS GENERATED FROM 2 YEAR STORMS BEFORE DEVELOPMENT OF THIS SITE. THE HIGH OPENINGS WILL DISCHARGE FLOWS FROM 10 YEAR STORMS OR GREATER GENERATED AFTER DEVELOPMENT OF THIS SITE.



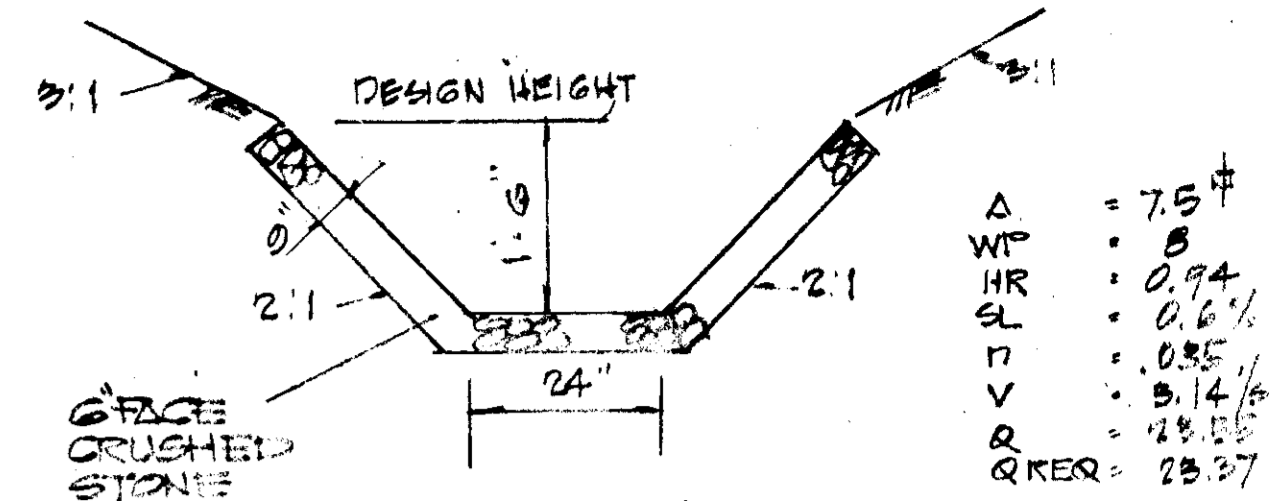
PROFILE SCALE: HOR. 1" = 50' VERT. 1" = 5'



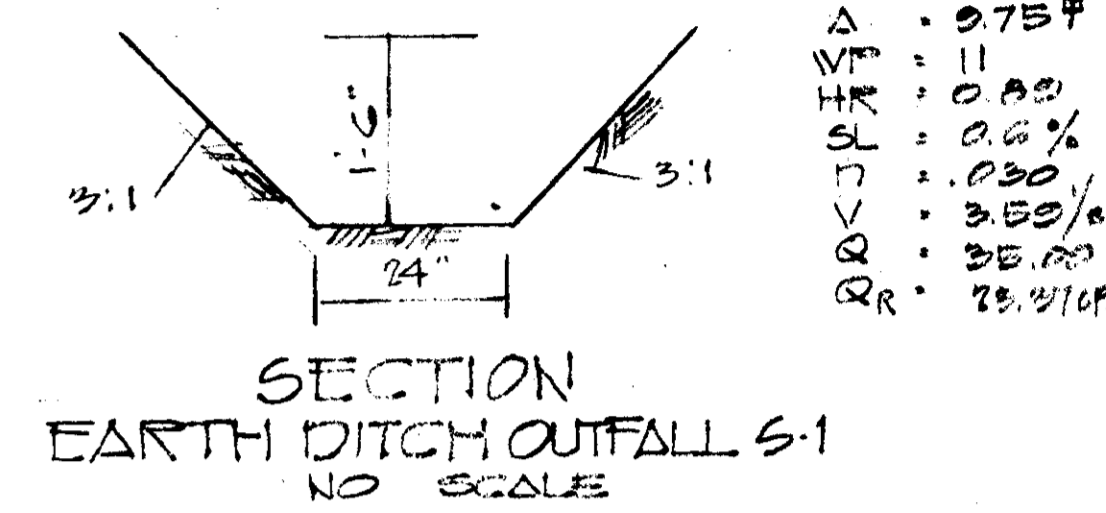
PROFILE SCALE: HOR. 1" = 5' VERT. 1" = 5'



SECTION SOUTH ELEVATION - NO SCALE



SECTION STONE DITCH OUTFALL S-1 - NO SCALE



SECTION EARTH DITCH OUTFALL S-1 - NO SCALE

DEVELOPER'S CERTIFICATION: I HEREBY CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL. WE AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HO. CO. SOIL CONSERVATION DISTRICT OR THEIR AGENTS AS ARE DEEMED NECESSARY. DIVISION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HO. SOIL CONSERVATION DISTRICT

Robert G. Kelvey
ROBERT G. KELVEY, CHAIRMAN
BUILDING COUNCIL
3/20/79
DATE

ENGINEER'S CERTIFICATION: I HEREBY CERTIFY THAT THIS PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL & WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS & THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

L.A. Spittel
L.A. SPITTEL
3/20/79
DATE

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

C. Wayne Ray
C. WAYNE RAY
U.S. SOIL CONSERVATION SERVICE
5/5/79
DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION SERVICE

Wes Eard
WES EARD
HOWARD SOIL CONSERVATION DISTRICT
5-8-79
DATE

APPROVED DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 4-10-79

PROFILES & DETAILS
M.K. HOENES 8.97 ACRE PARCEL
CHAPELGATE PRESBYTERIAN CHURCH
ST. JOHNS LANE
2ND DISTRICT
SCALE AS SHOWN
HO. CO. MD.
JAN. 5, 1979



SITE DEVELOPMENT PLAN CHAPELGATE PRESBYTERIAN CH.	
SCALE	APPROVED BY
DATE	DRAWN BY
REVISED: JAN. 6, 1979	REVISED
SDP-79-58	
DRAWING NUMBER	