

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS M.S.H.A. STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
2. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (410) 513-1870 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
4. TRAFFIC CONTROL DEVICES, MARKING, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
5. LIGHT POLES AND FIXTURES FOR STREET LIGHTS SHALL BE IN ACCORDANCE WITH THE LATEST HOWARD COUNTY DESIGN MANUAL, VOLUME III, ROADS AND BRIDGES.
6. PUBLIC WATER AND SEWER WILL BE UTILIZED FOR THIS PROJECT.
7. THIS PROJECT TO UTILIZE PROPOSED SWM POND TO BE LOCATED IN MT. HEBRON SECTION 23 ON RESUBDIVISION PROPERTY OF H. JONES BAKER, JR., ET AL.
8. VERTICAL DATUM IS BASED ON THE FOLLOWING BENCH MARKS:
 BM 2000 ELEVATION 423.62'
 REBAR SET 91' NORTH OF CL STATION 2+00 DUNLEAR ROAD ON LOT 35
 REBAR SET 27' SOUTHWEST OF LINEAR PROFILE STATION 1+55 GLENWOOD COURT ON LOT 45
 BM 1000 ELEVATION 407.81
 REBAR SET 27' SOUTHWEST OF LINEAR PROFILE STATION 1+55 GLENWOOD COURT ON LOT 45
 BM 2000 ELEVATION 423.62'
 REBAR SET 91' NORTH OF CL STATION 2+00 DUNLEAR ROAD ON LOT 35
9. HORIZONTAL DATUM IS BASED ON THE MARYLAND STATE GRID SYSTEM AND DERIVED FROM THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:
 3442011 N 593,813.848 E 1,359,731.774
 3541004 N 594,357.569 E 1,357,519.202
10. ANY DAMAGE TO PUBLIC RIGHT OF WAYS, PAVING OR UTILITIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
11. TOPOGRAPHY PREPARED BY PHOTO SCIENCE INC. 7840 AIRPARK ROAD GAITHERSBURG MD. 20879 DATED JANUARY 27, 1990

12. THIS SITE IS LOCATED WITHIN THE PATAPSCO DRAINAGE AREA.
13. NOISE ANALYSIS IS NOT APPLICABLE FOR THIS SUBDIVISION.
14. WETLANDS AND FOREST STAND DELINEATION STUDY WAS COMPILED BY H. D. DIRKX AND CO. ON MARCH 1974 AND APPROVED MARCH 30, 1974 BY HOWARD COUNTY (7-74-24)
15. TRAFFIC STUDY WAS COMPILED BY STREET TRAFFIC STUDIES, INC. ON JANUARY, 31 1974 AND APPROVED ON MARCH 30, 1974 BY HOWARD COUNTY (7-74-24)
16. THE PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT AND IS SHOWN ON TAX MAP 17 PART OF PARCEL 37.
17. SKETCH PLAN FILE REFERENCE 7-74-24 APPROVED ON MARCH 30, 1974 AND PRELIMINARY PLAN FILE REFERENCE P-75-06 APPROVED ON JANUARY 12, 1975
18. PROVIDE 20' MINIMUM SPACING BETWEEN LOT 13 STREET LIGHT AND TREES.

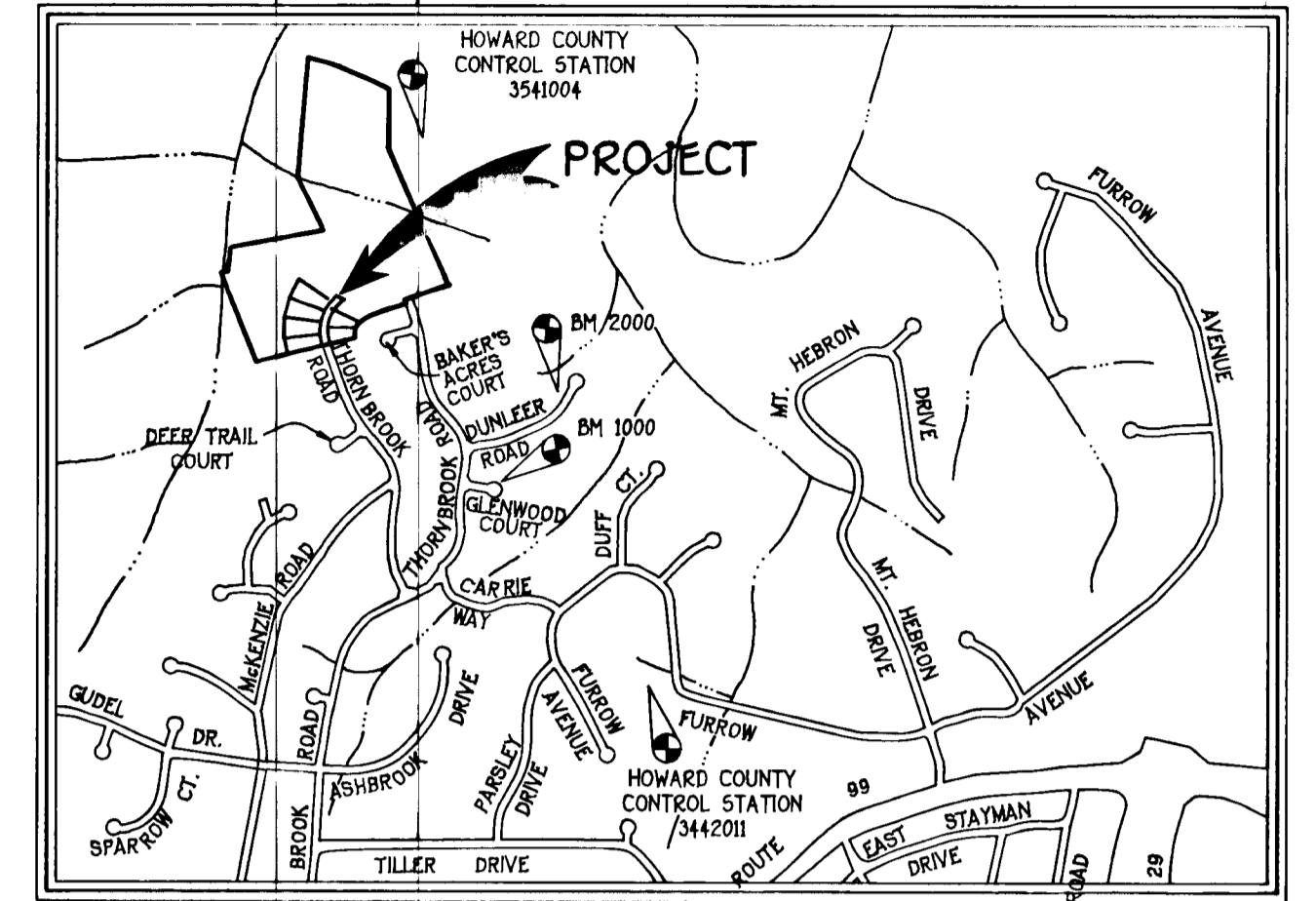
EX. REVERTIBLE SLOPE EASEMENT TO BE ABANDONED
 PROPOSED SIDEWALK TO BE EXTENDED TO MATCH EXISTING SIDEWALK FOR LINE AND GRADE
 EX. 8" W. CONTRACT 14-3183D
 PROPOSED CURB AND GUTTER TO BE EXTENDED TO MATCH EXISTING CURB AND GUTTER FOR LINE AND GRADE
 EX. 8" W. CONTRACT 14-3183D
 CONTRACTOR SHALL REMOVE EXISTING TEMPORARY TEE TURN AROUND AND DEAD END BARRICADE
 EX. PAVED ROAD
 EX. F.H.
 EX. 50' R/W
 EX. 8" W. CONTRACT 14-3183D
 EX. STREET LAMP
 N 22°00'00" W
 EX. CURB AND GUTTER
 EX. 8" W. CONTRACT 14-3183D
 CONTRACTOR SHALL REMOVE EXISTING TEMPORARY TEE TURN AROUND AND DEAD END BARRICADE

MT. HEBRON SECTION 22 PLAT Nos. 10758 - 10760

± ROAD STATION 17+25.87 SECTION 23
 EQUALS
 ± ROAD STATION 17+27+50 SECTION 22

THORNBROOK ROAD
 CL ROAD CURVE DATA
 STA. 17+25.87 TO STA. 20+50
 R=318.00'
 L=328.13'
 Δ=18°07'24"
 T=177.95'
 CHD=9°23'05"

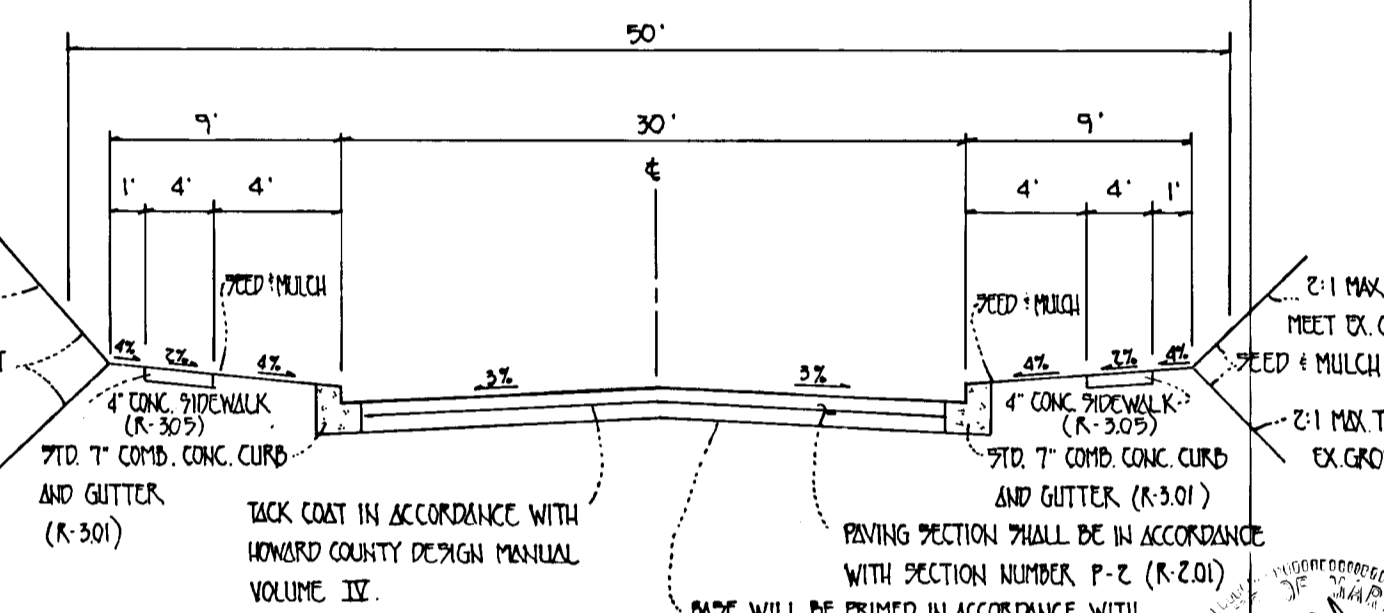
PLAN VIEW
 SCALE: 1"=50'



VICINITY MAP
 SCALE: 1"=1200'

THORNBROOK ROAD

LOCAL ROAD DESIGN SPEED 30 MPH, ZONING R-20
 STA. 17+25.87 TO STA. 20+50



NOTE:

ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

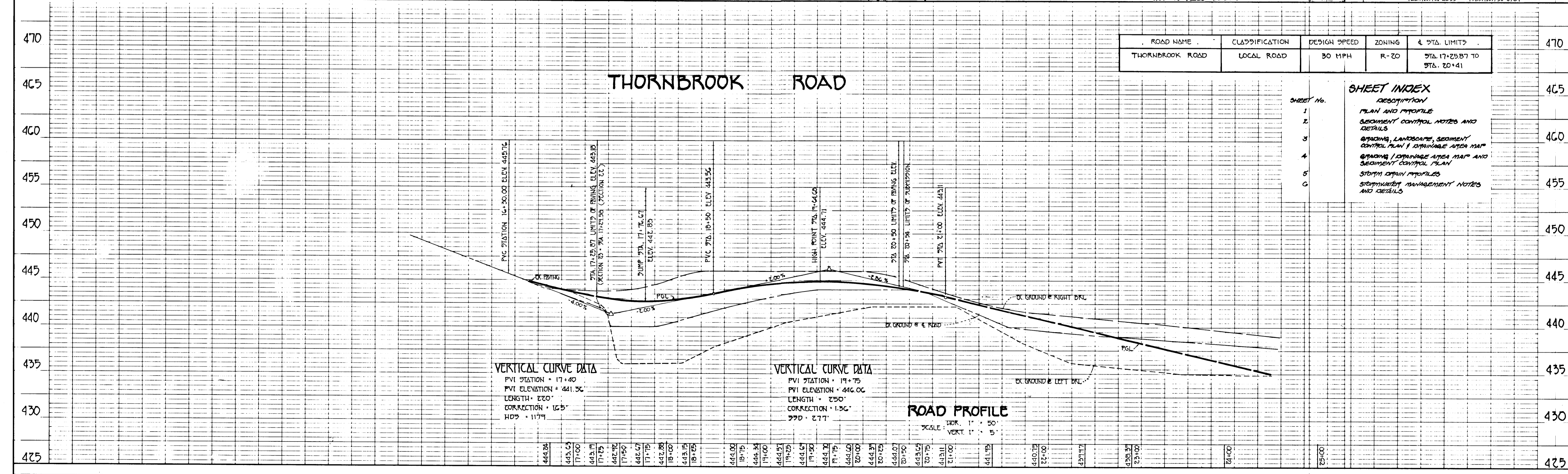
TYPICAL ROADWAY SECTION
 NOT TO SCALE (R-20)

MT. HEBRON SECTION 23 PHASE I LOTS 1-8
 SECOND ELECTION DISTRICT HOWARD COUNTY MARYLAND
 THORNBROOK ROAD
PLAN AND PROFILE

OWNER AND DEVELOPER
 MT. HEBRON, INC.
 MR. H. JONES BAKER, JR.
 2106 MT. HEBRON DRIVE
 ELLICOTT CITY, MARYLAND 21042

SCALE: AS SHOWN DATE: MAY 19, 1975 DWG. NO. 1 OF 6
 DES. K. FRALIC DRN. B.J.WHIS/L.M.A. CHK. C. GROVO
FISHER, COLLINS, AND CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS AND LAND SURVEYORS
 9171 BALTIMORE NATIONAL PIKE, SUITE 100
 ELLICOTT CITY, MARYLAND 21042
 TEL: (410) 461-2855 FAX: (410) 756-3784

THORNBROOK ROAD



VERTICAL CURVE DATA
 PVI STATION = 17+40
 PVI ELEVATION = 441.36'
 LENGTH = 220'
 CORRECTION = 1.65'
 HPI = 117.9'

VERTICAL CURVE DATA
 PVI STATION = 19+75
 PVI ELEVATION = 446.06'
 LENGTH = 250'
 CORRECTION = 1.36'
 HPI = 277'

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

ROAD NAME	CLASSIFICATION	DESIGN SPEED	ZONING	± STA. LIMITS
THORNBROOK ROAD	LOCAL ROAD	30 MPH	R-20	STA. 17+25.87 TO STA. 20+50

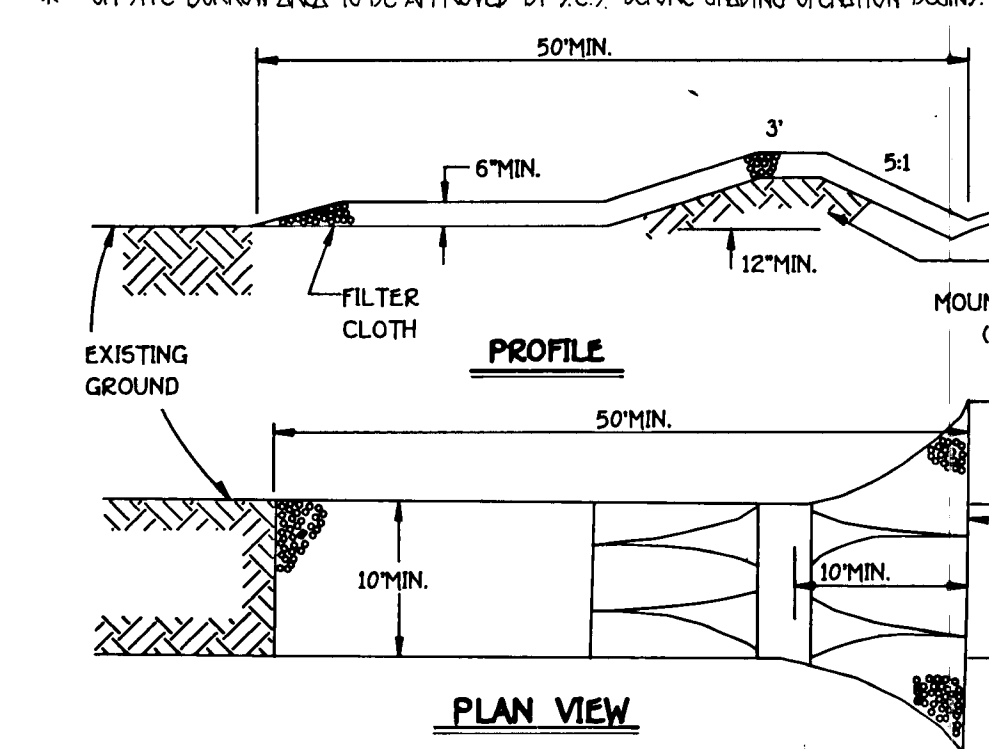
SHEET INDEX

SHEET No.	DESCRIPTION
1	PLAN AND PROFILE
2	SECTION CONTROL NOTES AND DETAILS
3	BRIDGING, LANDSCAPE, SEWER CONTROL PLAN & DRAINAGE AREA MAP
4	BRIDGING / DRAINAGE AREA MAP AND SECTION CONTROL PLAN
5	STORM DRAIN PROFILES
6	STORMWATER MANAGEMENT NOTES AND DETAILS

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SEDIMENT CONTROL NOTES

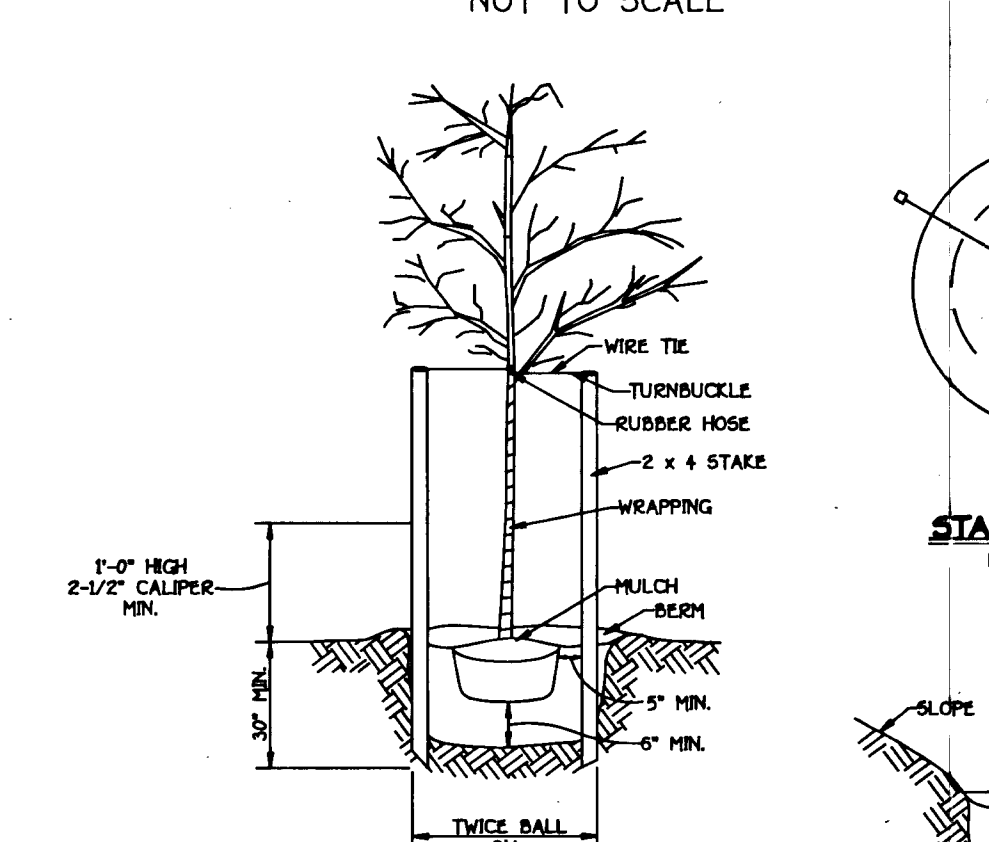
- 1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437)...



CONSTRUCTION SPECIFICATIONS

- 1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

STABILIZED CONSTRUCTION ENTRANCE



TREE PLANTING

GRADING FOR PLANTING ON SLOPES

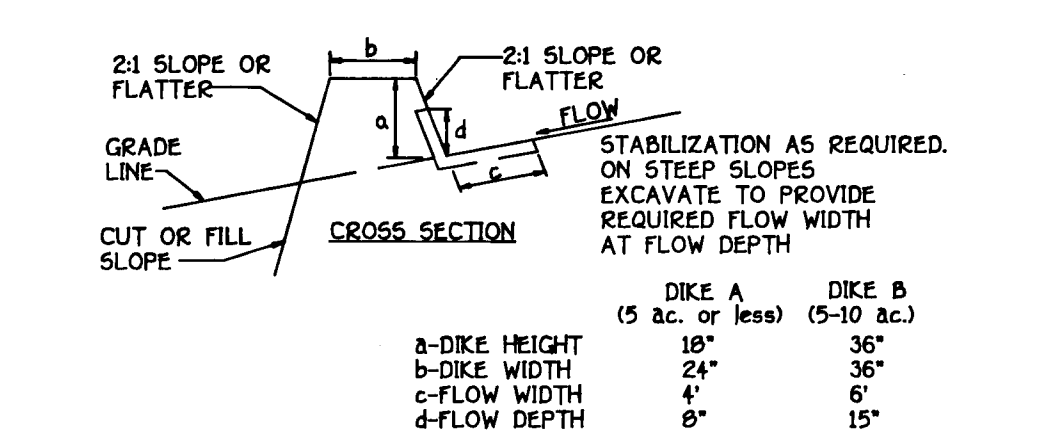
FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

TEMPORARY SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED BY WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

MULCHING

- APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ. FT.) OF UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.



CONSTRUCTION SPECIFICATIONS

- 1. ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.

FLOW CHANNEL STABILIZATION

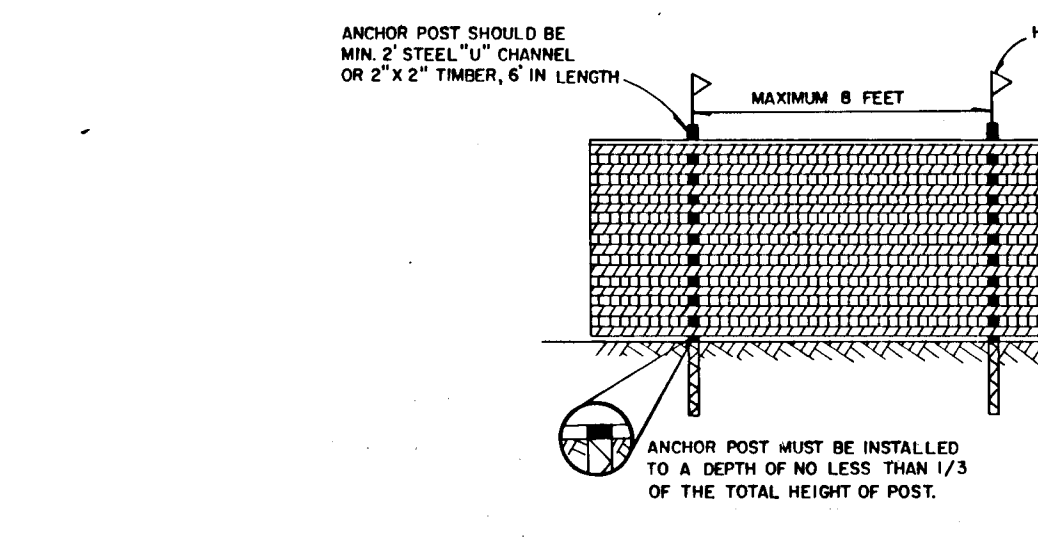
Table with columns: TYPE OF TREATMENT, CHANNEL GRADE, DIKE A, DIKE B

EARTH DIKE

CONSTRUCTION SPECIFICATIONS FOR RIP-RAP OUTFALLS

- 1. The substrate for the filter, riprap or gabion shall be prepared to the required lines and grades.

Table with columns: STRUCTURE, AREA, WETTED PERIMETER, R, S, U, V, W, Q, RIP-RAP SIZE, BLANKET THICKNESS



PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

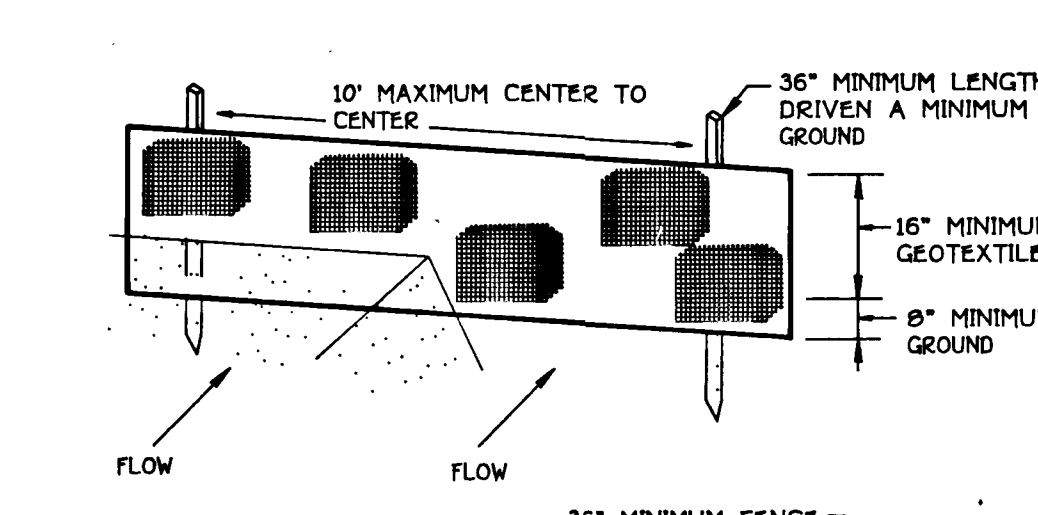
MULCHING

- APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ. FT.) OF UNROTATED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.

MAINTENANCE

- INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING.

CONSTRUCTION SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

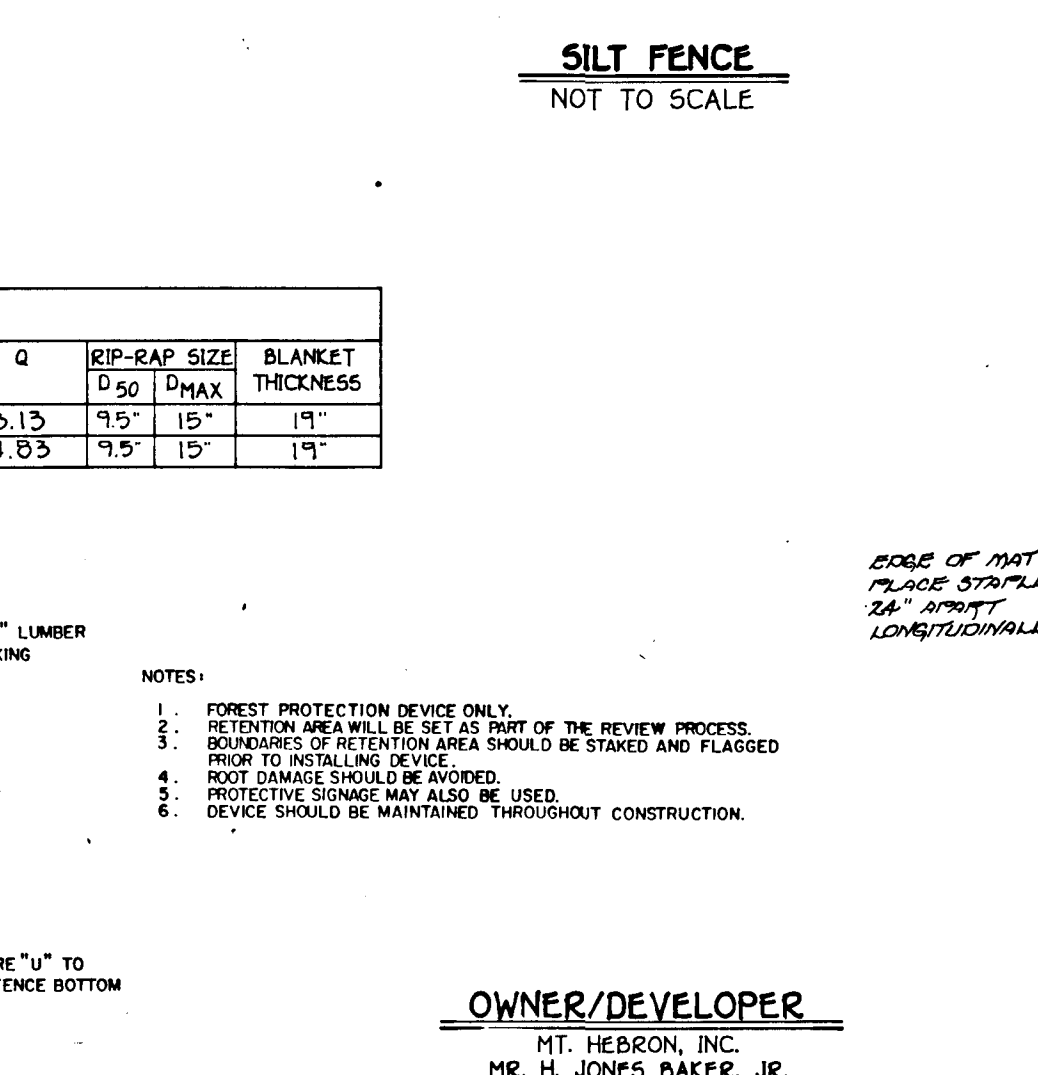
- 1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground.

SEEDING EFFICIENCY

Table with columns: Tensile Strength, Tensile Modulus, Flow Rate, Filtering Efficiency

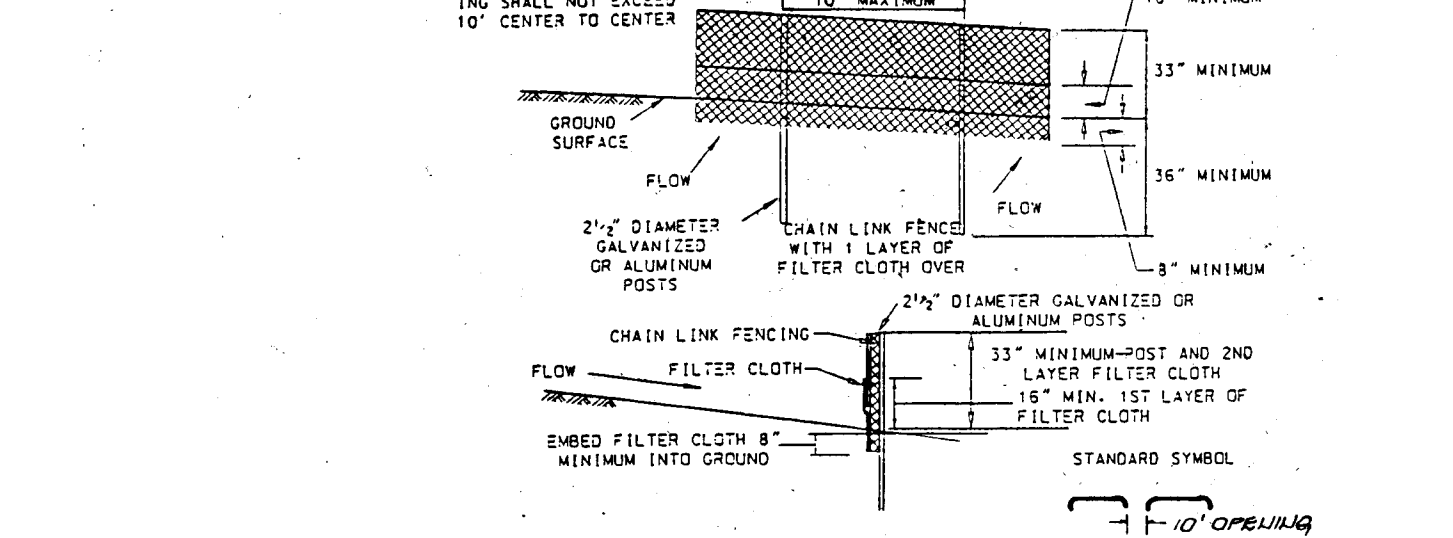
SILT FENCE

CONSTRUCTION SPECIFICATIONS



SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.



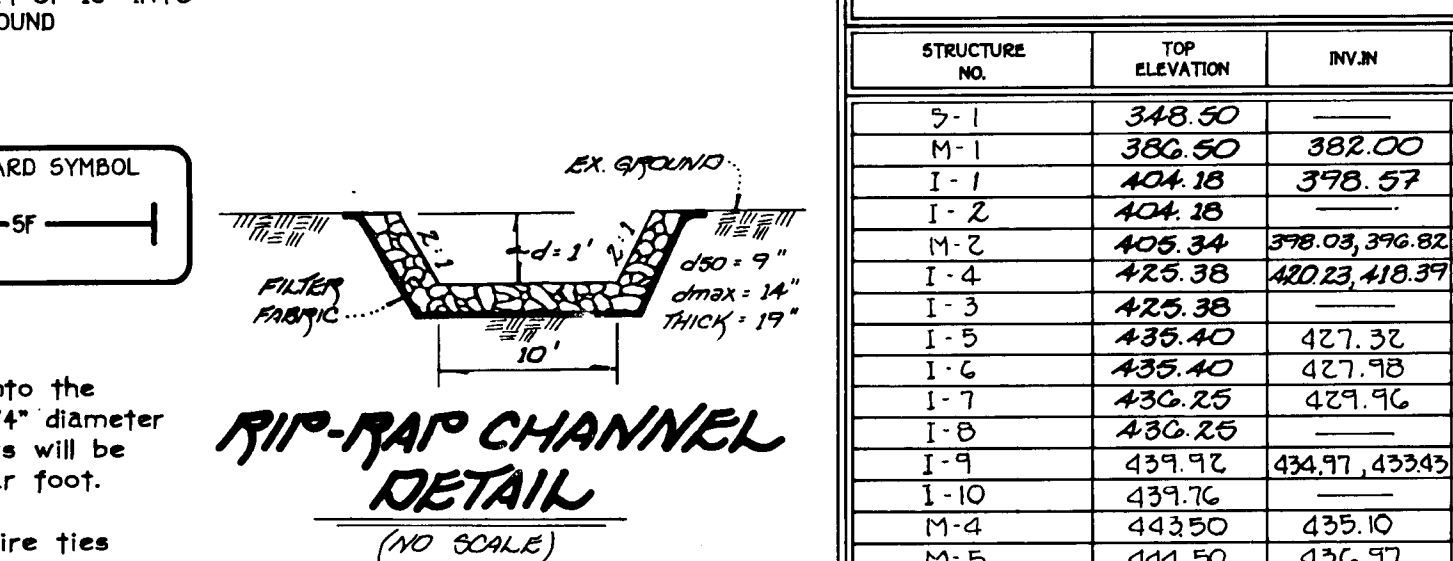
CONSTRUCTION SPECIFICATIONS

- 1. The poles do not need to be set in concrete.

SUPER SILT FENCE

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

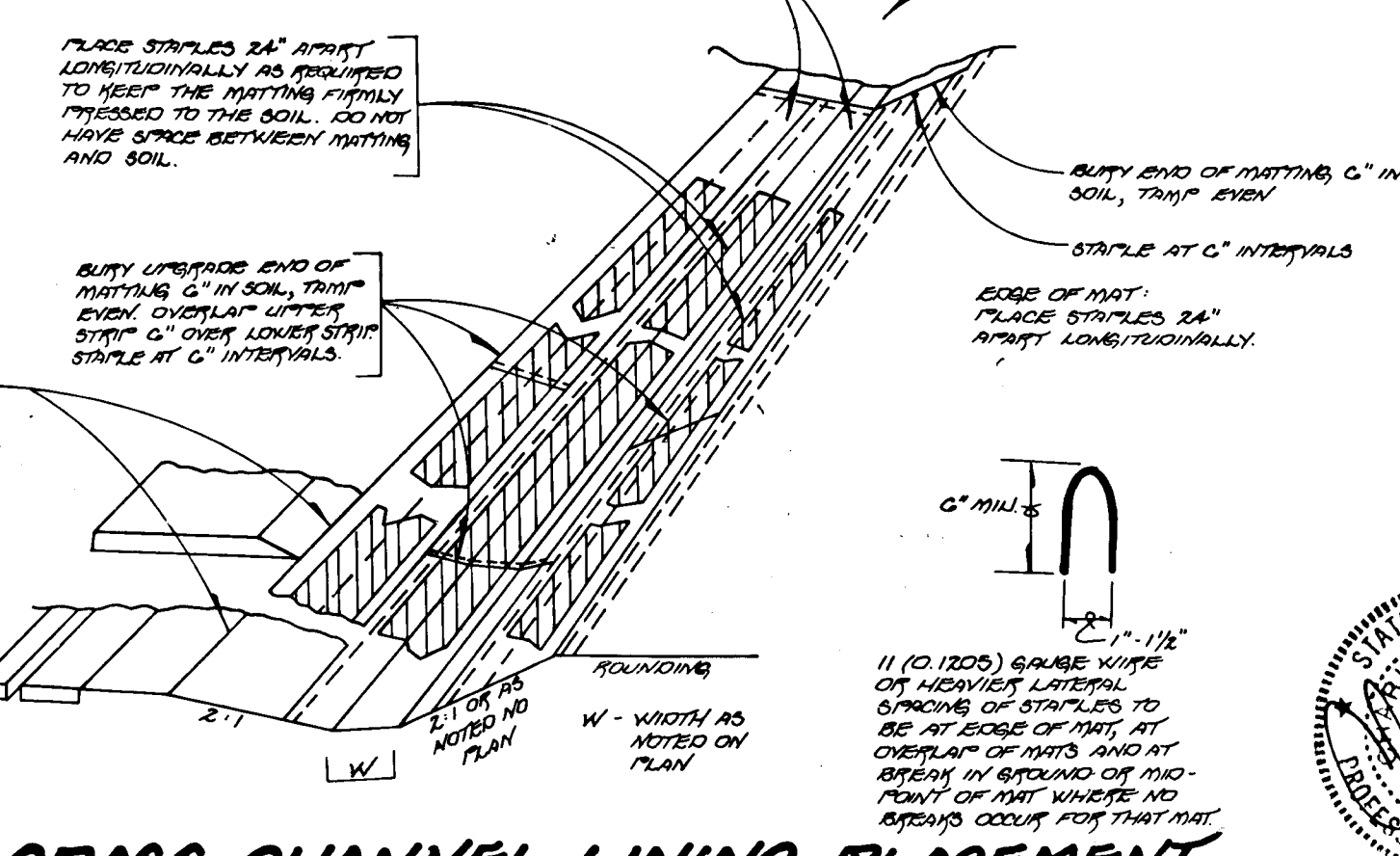


CONSTRUCTION SPECIFICATIONS

- 1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground.

SILT FENCE

NOT TO SCALE



ENGINEER'S CERTIFICATE

I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions.

DEVELOPER'S CERTIFICATE

I/we certify that all development and/or construction will be done according to these plans, and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project.

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

APPROVED: DEPARTMENT OF PLANNING AND ZONING

APPROVED: DEPARTMENT OF PUBLIC WORKS

OPERATION, MAINTENANCE AND INSPECTION

Inspection of the ponds shown herein shall be performed at least annually, in accordance with the checklist and requirements contained within USDA, SCS Standards and Specifications for Ponds (NP-378).

AS-BUILT CERTIFICATION

I hereby certify that the facility shown on this plan was constructed as shown on the "as-built" plans and meets the approved plans and specifications.

Signature Date PE No.

Certify means to state or declare a professional opinion based on-site inspections and material tests which are conducted during construction.

STRUCTURE SCHEDULE

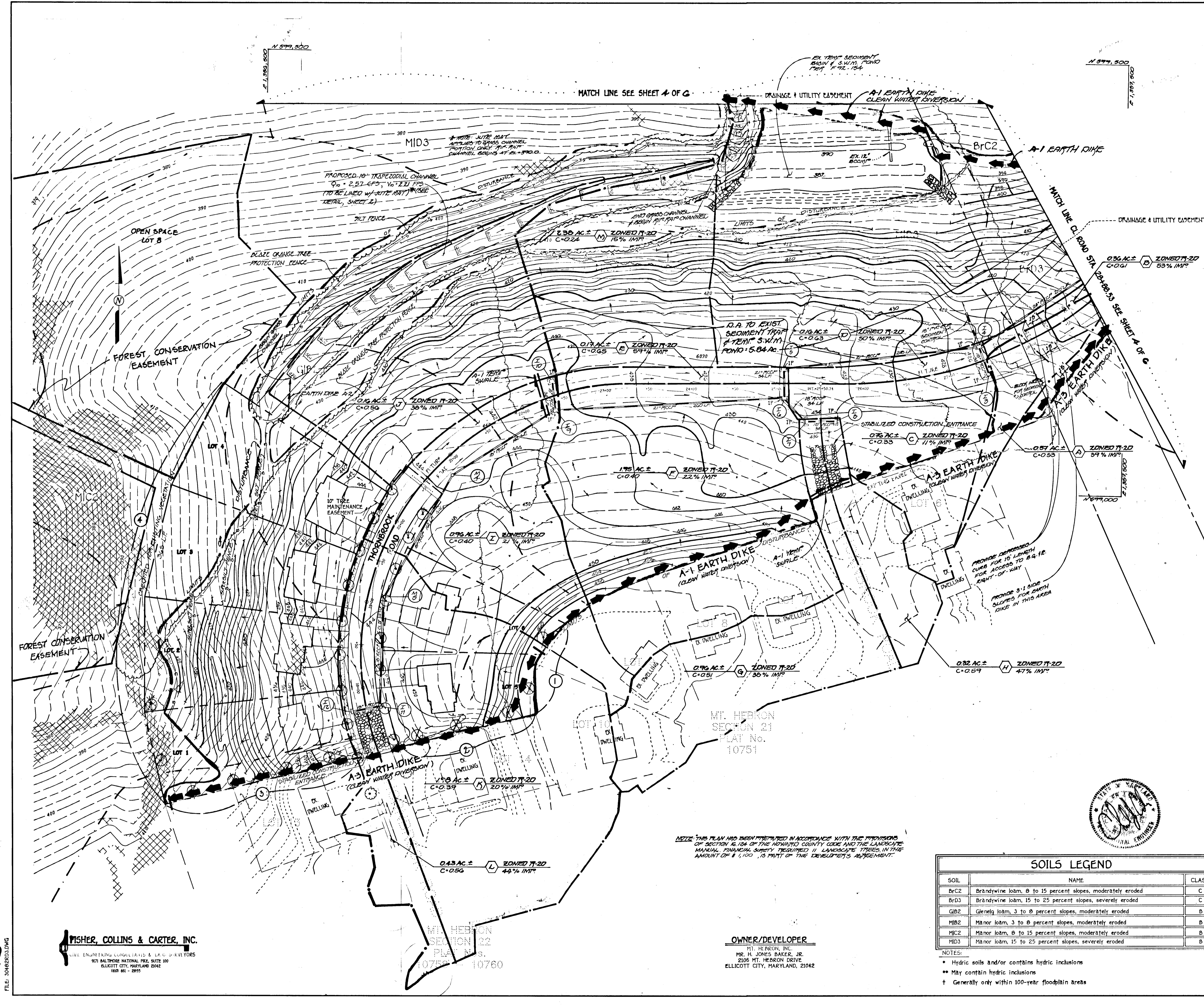
Table with columns: STRUCTURE NO., TOP ELEVATION, INV.NI, INV.OUT, ROAD NAME / COORDINATES, ROAD STA., OFFSET, TYPE, REMARKS

OPERATION AND MAINTENANCE SPECIFICATIONS

- 1. I HEREBY CERTIFY THAT I WILL OPERATE AND MAINTAIN THE COMPLETED POND IN ACCORDANCE WITH THE FOLLOWING:

SEDIMENT CONTROL NOTES AND DETAILS, STORMWATER MANAGEMENT NOTES AND SPECIFICATIONS

MT. HEBRON SECTION 23 LOTS 1-8. TAX MAP No: 17 PARCEL: 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND. DATE: MAY 19, 1995. SCALE: 1"=50' SHEET 2 OF 6.



ENGINEER'S CERTIFICATE

I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion.

Signature of Engineer (Print name beside signature) **CHARLES J. CARROLL** Date **5/14/96**

DEVELOPER'S CERTIFICATE

I/We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize periodic on-site inspections by the Howard Soil Conservation District.

Signature of Developer (Print name beside signature) **Robert W. Ziskin, Jr.** Date **2/27/96**

OPERATION, MAINTENANCE AND INSPECTION

Inspection of the ponds shown hereon shall be performed at least annually, in accordance with the checklist and requirements contained within USDA, 5CS "Standards and Specifications for Ponds" (MD-378). The pond owner(s) and any heirs, successors, or assigns shall be responsible for the pond and the continued operation, surveillance, inspection and maintenance thereof. The pond owner(s) shall promptly notify the Soil Conservation District of any unusual observations that may be indications of distress such as excessive seepage, turbid seepage, sliding or slumping.

AS-BUILT CERTIFICATION

I hereby certify that the facility shown on this plan was constructed as shown on the "as-built" plans and meets the approved plans and specifications.

Signature _____ Date _____ PE No. _____

Certify means to state or declare a professional opinion based on site inspections and material tests which are conducted during construction. The on-site inspections and material tests are those inspections and tests deemed sufficient and appropriate by commonly accepted engineering standards. Certify does not mean or imply a guarantee by the engineer nor does an engineer's certification relieve any other party from meeting requirements imposed by contract, employment, or other means, including meeting commonly accepted

SCHEDULE A - PERIMETER LANDSCAPE EDGE

PERIMETER CATEGORY	1	2	3	4
LANDSCAPE TYPE	A	A	A	A
LINEAR FEET OF ROADWAY FRONTAGE (PERIMETER)	115'	162'	235'	512'
CREDIT FOR EXISTING VEGETATION (YES/NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)				YES 365
CREDIT FOR WALL, FENCE OR BERM (YES/NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)				
NUMBER OF PLANTS REQUIRED				
SHADE TREES	2	3	4	2
GREEN TREES				
NUMBER OF PLANTS PROVIDED				
SHADE TREES	2	3	4	2
GREEN TREES				
OTHER TREES (1:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)				

LANDSCAPE TYPE IS A LIGHT BUFFER OF ONE SHADE TREE PER SIXTY LINEAR FEET.

SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
(CIRCLE WITH SLASH)	AUTUMN FLAME RED MAPLE	ACER RUBRUM AUTUMN FLAME	2 1/2" - 3" CAL.	16
(CIRCLE WITH X)	GREEN MOUNTAIN SUGAR MAPLE	ACER SACCHARUM GREEN MOUNTAIN	2 1/2" - 3" CAL.	11

NOTE: PROVIDE 20' MINIMUM SPACING BETWEEN STREET LIGHT AND TREES.

SOILS LEGEND

SOIL	NAME	CLASS
BrC2	Brandywine loam, 0 to 15 percent slopes, moderately eroded	C
BrD3	Brandywine loam, 15 to 25 percent slopes, severely eroded	C
GIB2	Gleneta loam, 3 to 8 percent slopes, moderately eroded	B
MIB2	Manor loam, 3 to 8 percent slopes, moderately eroded	B
MIC2	Manor loam, 0 to 15 percent slopes, moderately eroded	B
MID3	Manor loam, 15 to 25 percent slopes, severely eroded	B

NOTES:

- Hydric soils and/or contains hydric inclusions
- May contain hydric inclusions
- Generally only within 100-year floodplain areas

GRADING, LANDSCAPE, SEDIMENT CONTROL PLAN & DRAINAGE AREA MAP

MT. HEBRON SECTION 21 LOTS 1-8

TAX MAP No: 17 PARCEL: 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 DATE: MAY 19, 1995
 SCALE: 1"=50'
 SHEET 3 OF 6

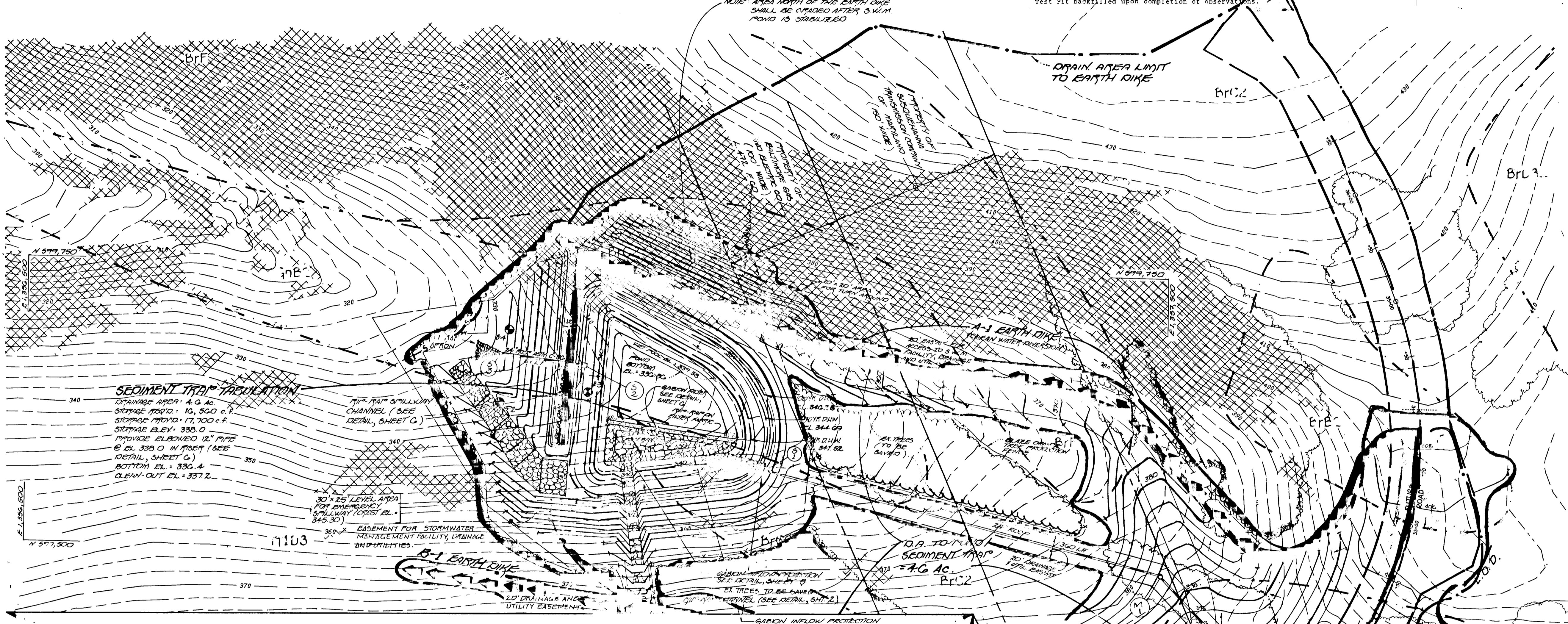
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND DEVELOPERS
 970 BALTIMORE NATIONAL FREE SUITE 100
 ELLICOTT CITY, MARYLAND 21114
 (410) 461-2855

OWNER/DEVELOPER
 MT. HEBRON, INC.
 MR. H. JONES BAKER, JR.
 2105 MT. HEBRON DRIVE
 ELLICOTT CITY, MARYLAND, 21042

16
 FILE: 304823.DWG

SUMMARY OF TEST PIT

Table with columns: TEST PIT, DEPTH (FT), SOIL DESCRIPTION, REMARKS. Contains data for test pits B-1, B-2, B-3, B-4.



MD-378 POND SPECIFICATIONS

Detailed specifications for the pond construction, including materials (Steel Pipe, Aluminum Coated Steel Pipe, Concrete), construction methods, and safety requirements.

SOILS LEGEND table with columns: SOIL, NAME, CLASS. Lists soil types like BrB2, BrC2, BrD3, etc.

NOTES: Hydric soils and/or contains hydric inclusions; May contain hydric inclusions; Generally only within 100-year floodplain areas.

ENGINEER'S CERTIFICATE

I certify that this plan for pond construction, erosion and sediment control represents a practical and viable plan based on my personal knowledge of the site conditions...

DEVELOPER'S CERTIFICATE

I/We certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program...

APPROVED DEPARTMENT OF PLANNING AND ZONING, APPROVED DEPARTMENT OF PUBLIC WORKS. Includes signatures and dates for approval.

OPERATION, MAINTENANCE AND INSPECTION

Inspection of the ponds shown herein shall be performed at least annually, in accordance with the checklist and required within USDA, SCS standards and specifications for Ponds (MD-376).

AS-BUILT CERTIFICATION

I hereby certify that the facility shown on this plan was constructed as shown on the 'as-built' plans and meets the approved plans and specifications.

GRADING / DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN

MT. HEBRON SECTION 23 LOTS 1-8

TAX MAP No: 17 PARCEL: 2ND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND. DATE: MAY 17, 1995. SCALE: 1"=50'. SHEET 4 OF 6.

FISHER, COLLINS & CARTER, INC. ENGINEERS AND ARCHITECTS. 907 BALTIC NATIONAL PKW. SUITE 100. ELICOTT CITY, MARYLAND 21042. TEL: 410-441-2995.



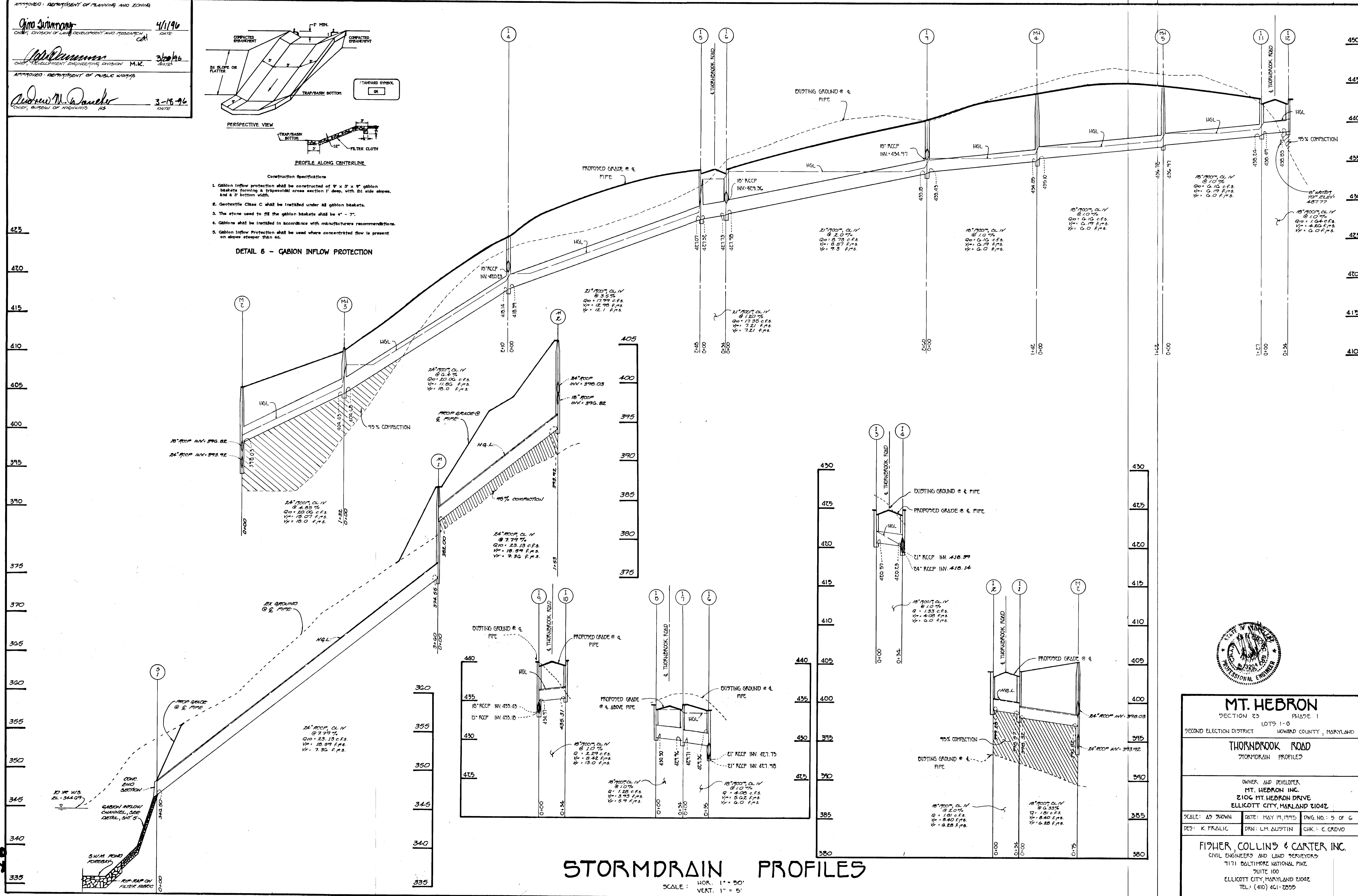
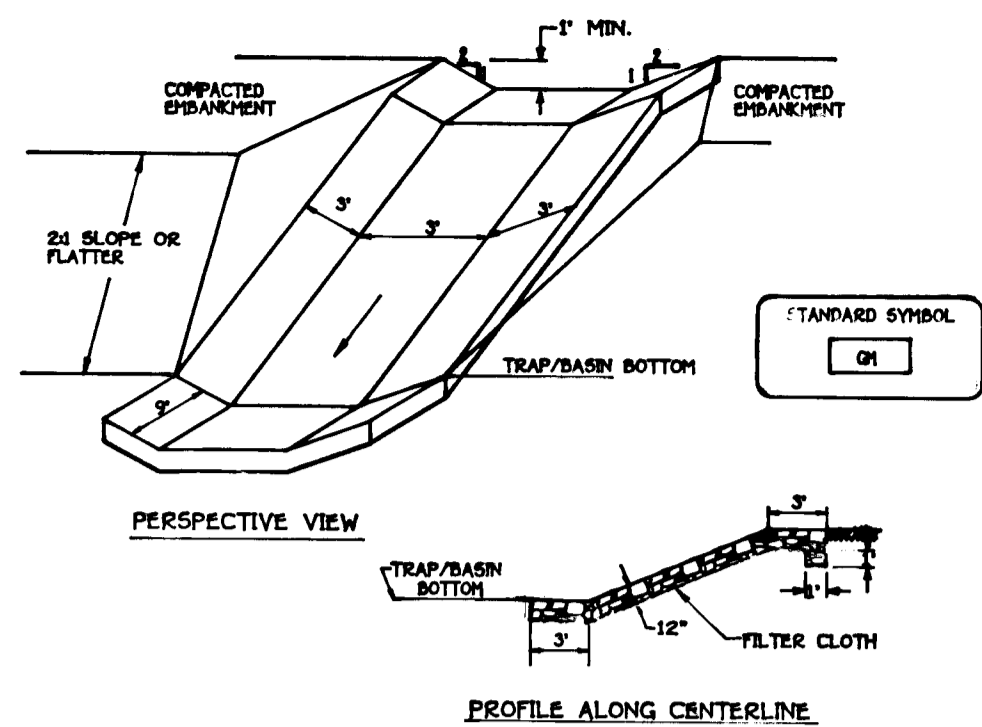
OWNER/DEVELOPER: MT. HEBRON, INC. MR. H. JAMES BAKER, JR. 2105 MT. HEBRON DRIVE. ELLICOTT CITY, MARYLAND, 21042.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

And Swinney 4/1/96
 CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH
 DATE

John D. ... 3/20/96
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 M.R. DATE

Andrew M. ... 3-15-96
 CHIEF, BUREAU OF HIGHWAYS
 DATE



MT. HEBRON
 SECTION 23 PHASE 1
 SECOND ELECTION DISTRICT LOTS 1-8
 HOWARD COUNTY, MARYLAND

THORNBROOK ROAD
 STORMDRAIN PROFILES

OWNER AND DEVELOPER:
MT. HEBRON INC.
 2106 MT. HEBRON DRIVE
 ELLICOTT CITY, MARYLAND 21042

SCALE: AS SHOWN DATE: MAY 19, 1995 DWG. NO.: 5 OF 6
 DES: K. FRALIC PRN: L.M. AUSTIN CHK: C. GROVO

FISHER, COLLINS & CARTER INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 7171 BALTIMORE NATIONAL PIKE
 SUITE 100
 ELLICOTT CITY, MARYLAND 21042
 TEL: (410) 461-2555

REVIEW FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND HHS TECHNICAL REQUIREMENTS

J. H. Worfield/jpk 2/23/96
DATE

John E. Robertson 2/23/96
DATE

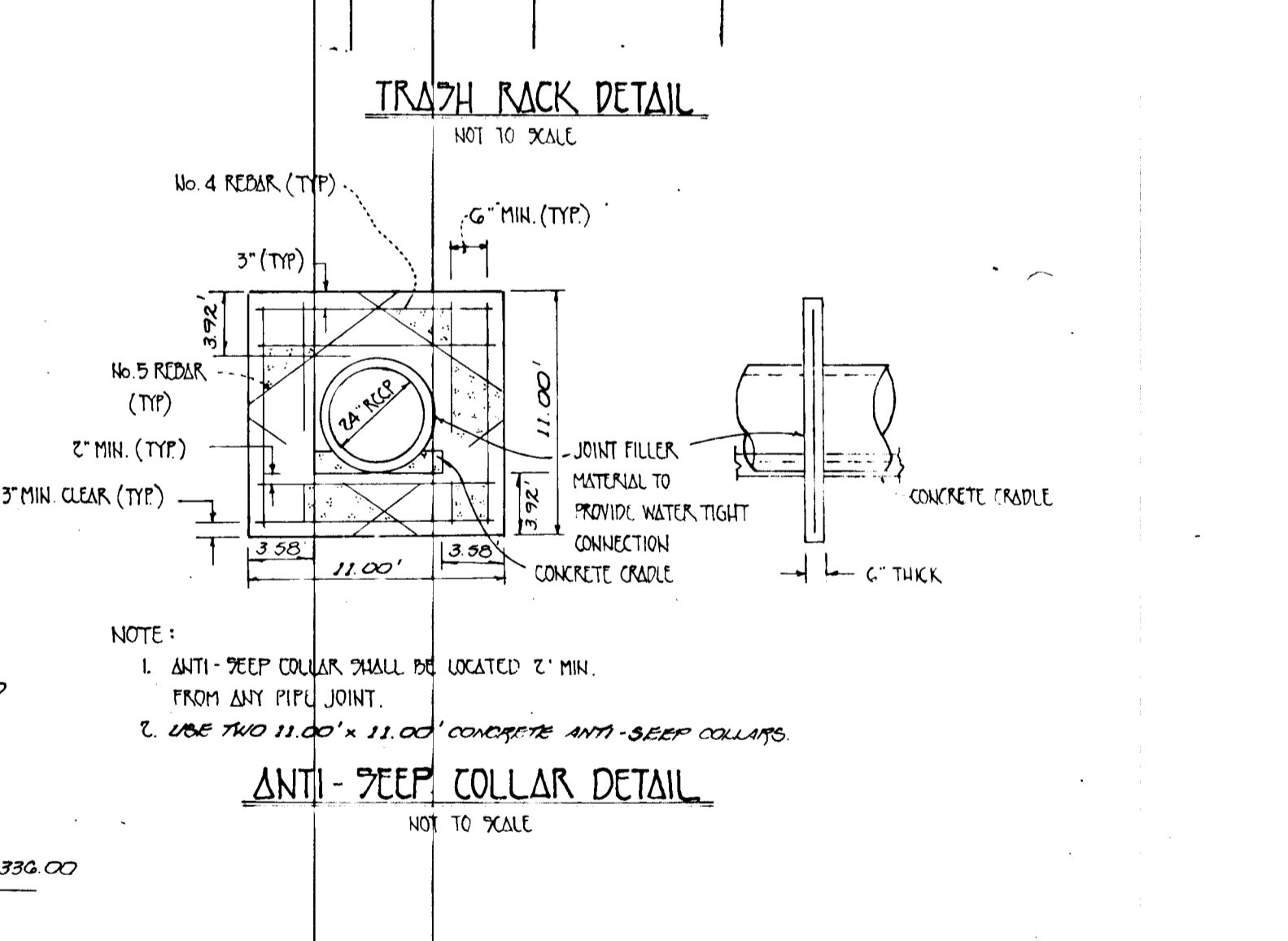
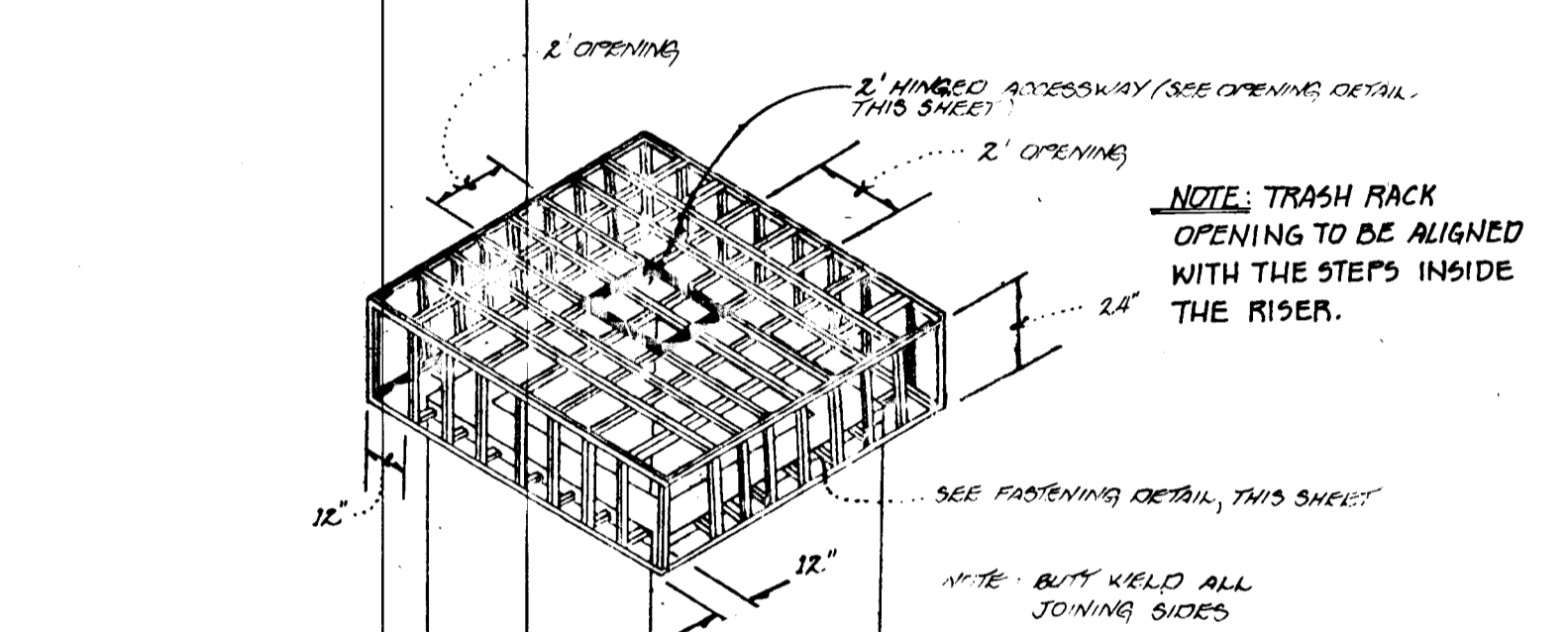
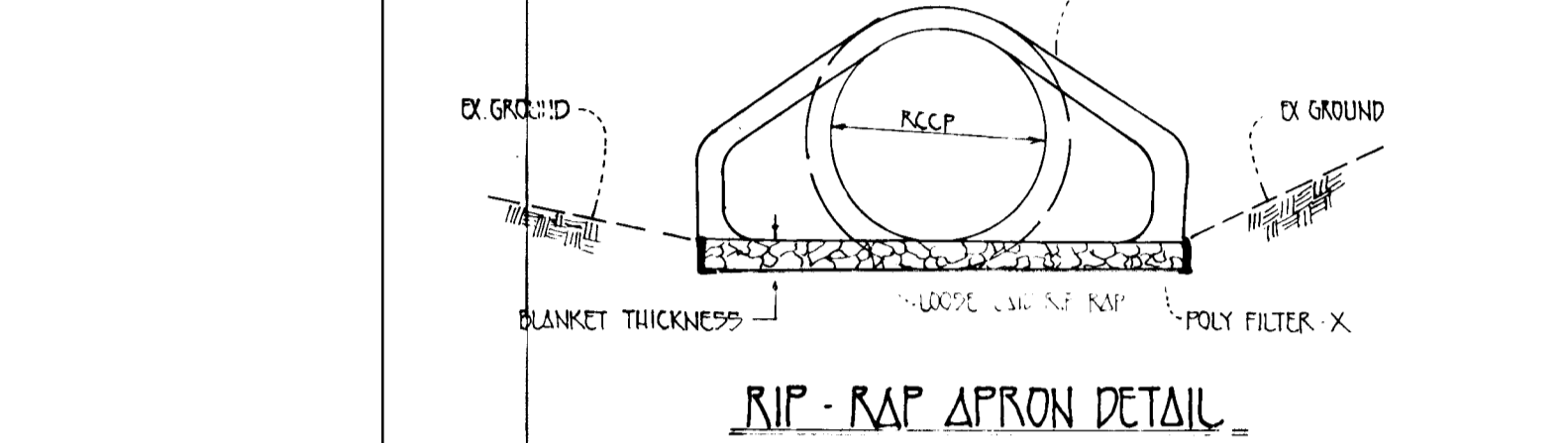
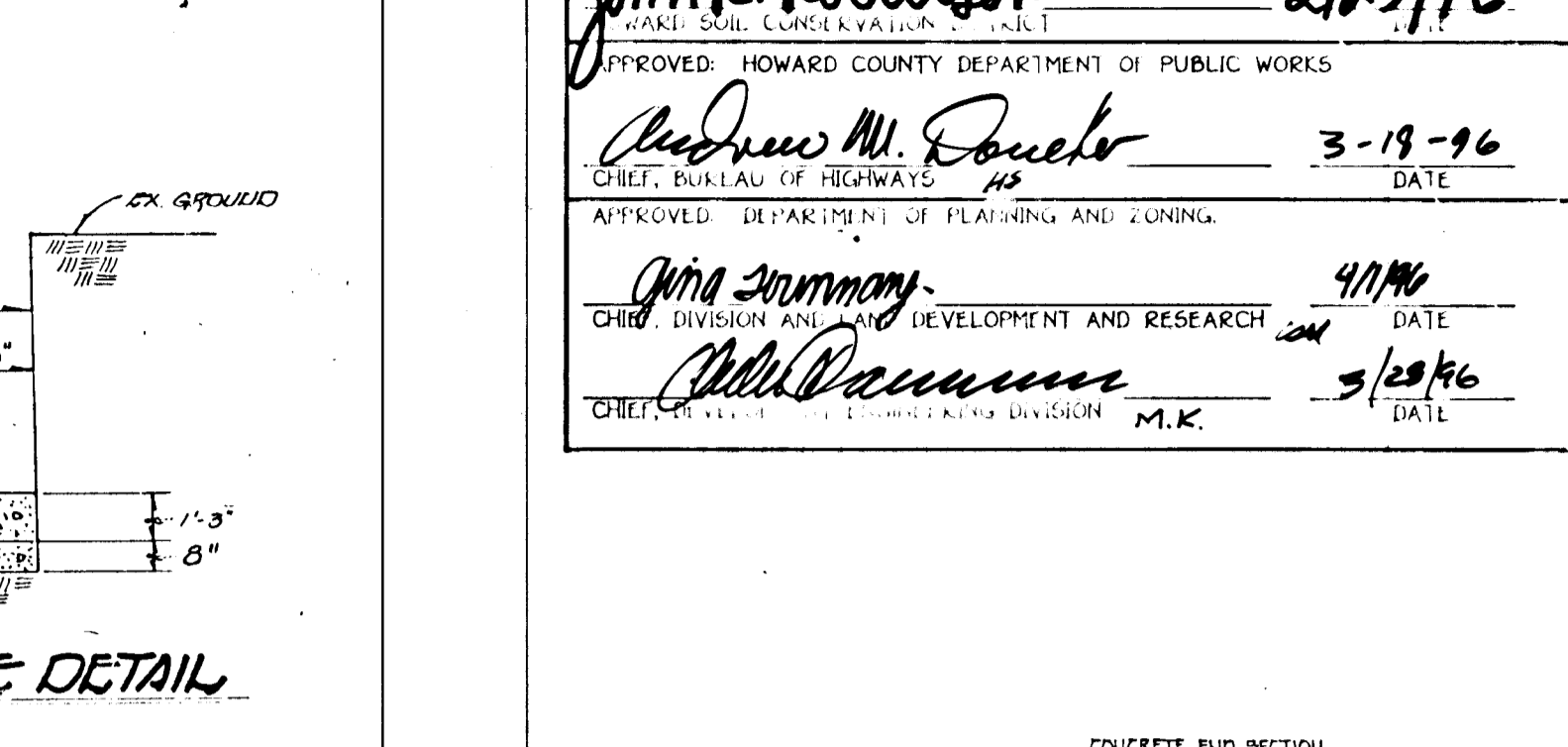
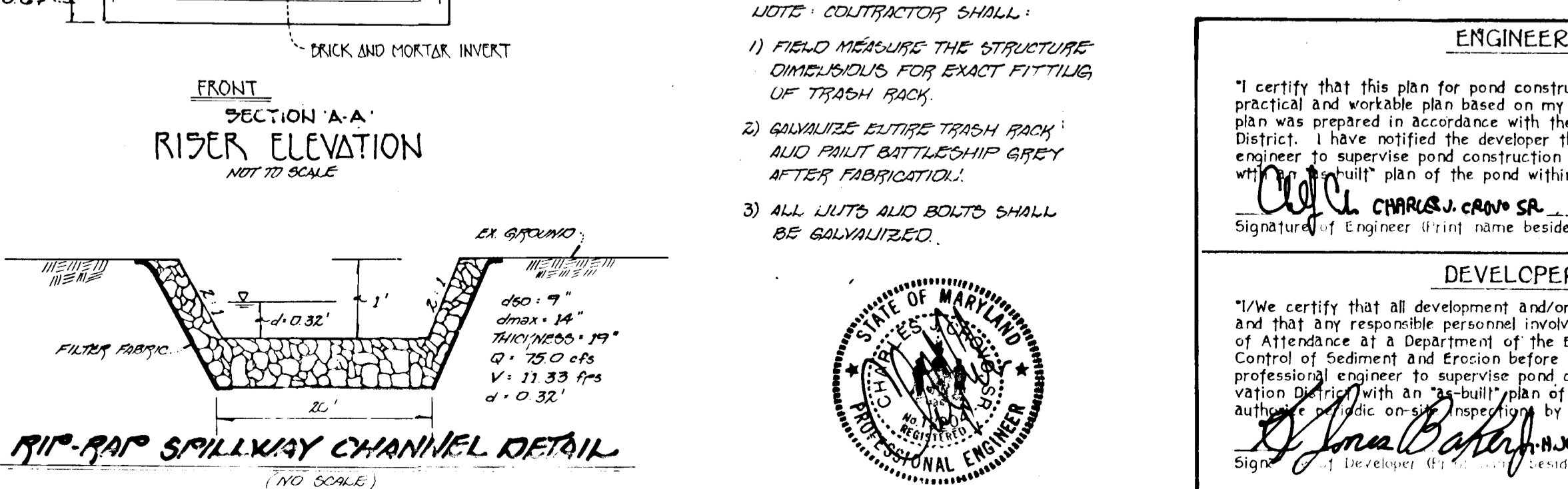
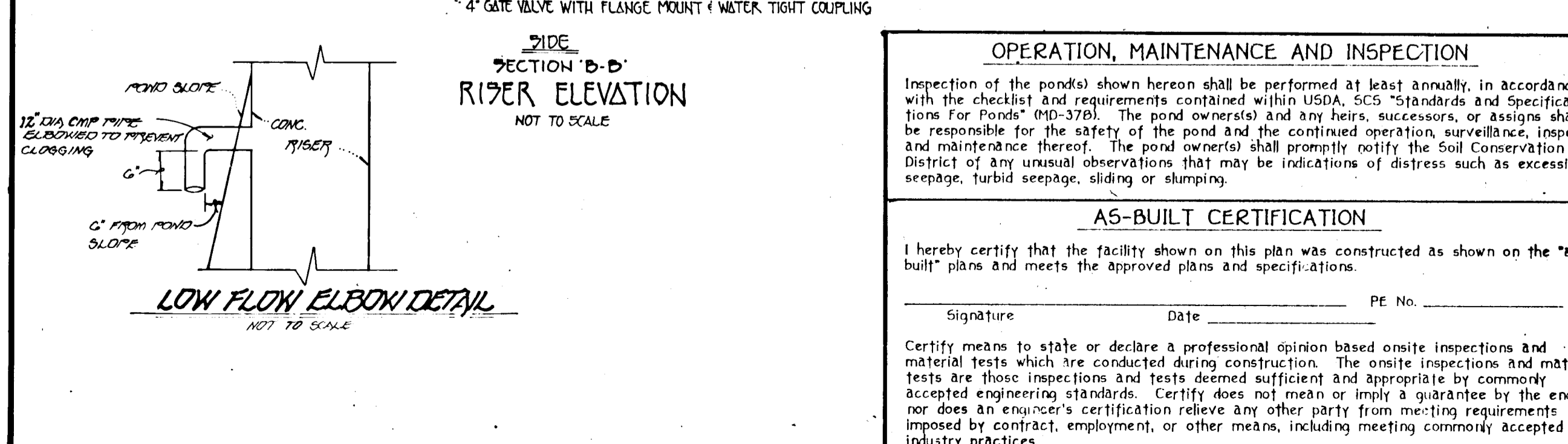
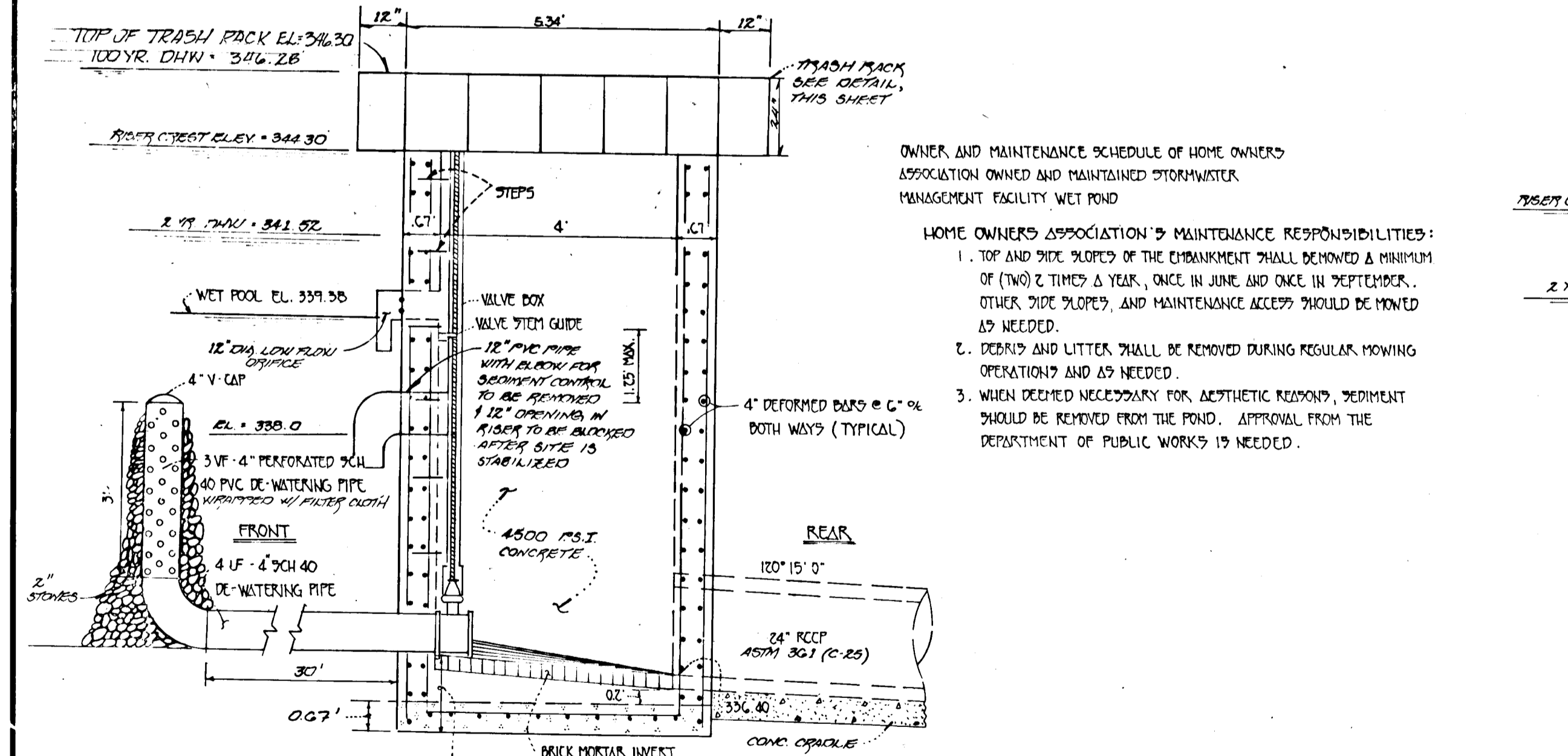
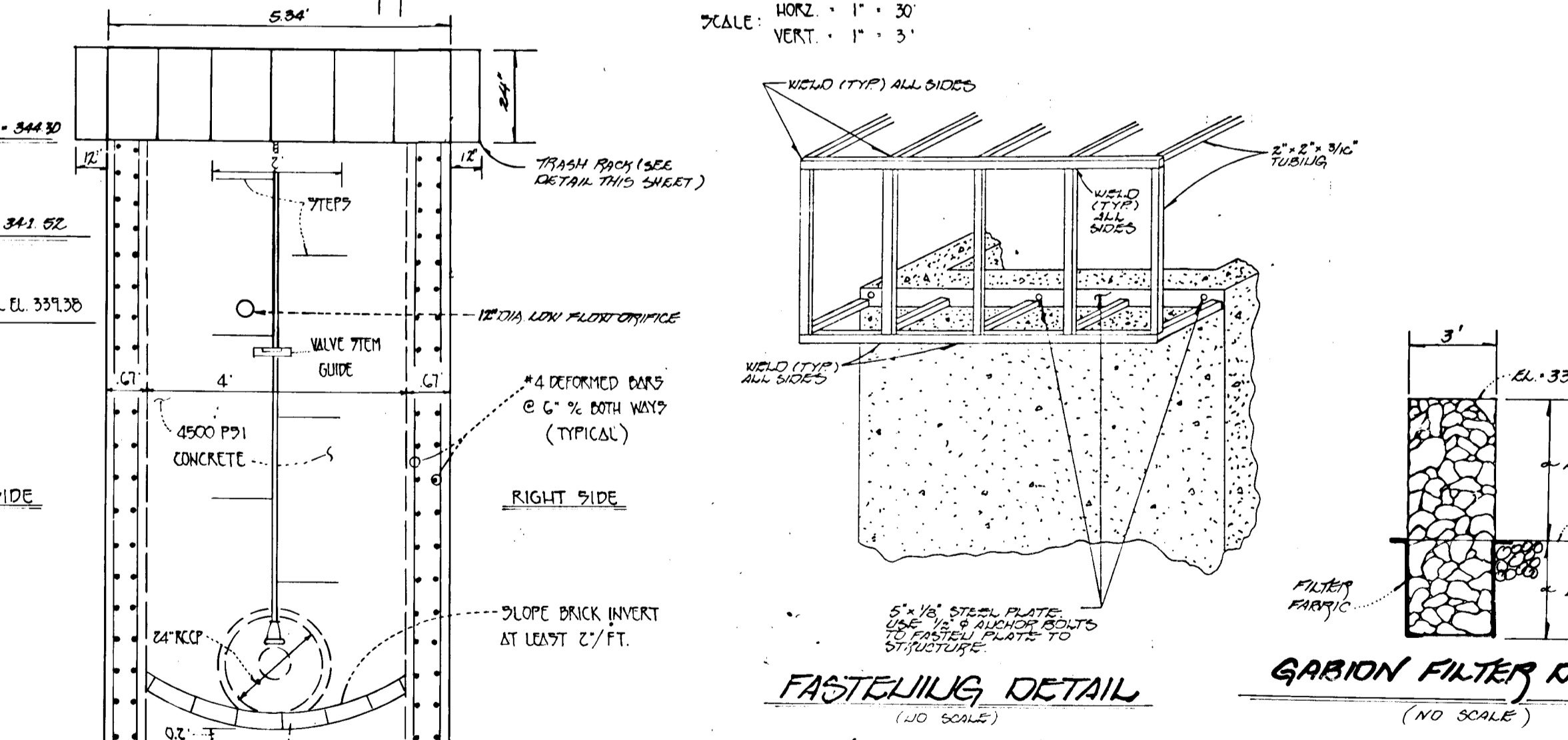
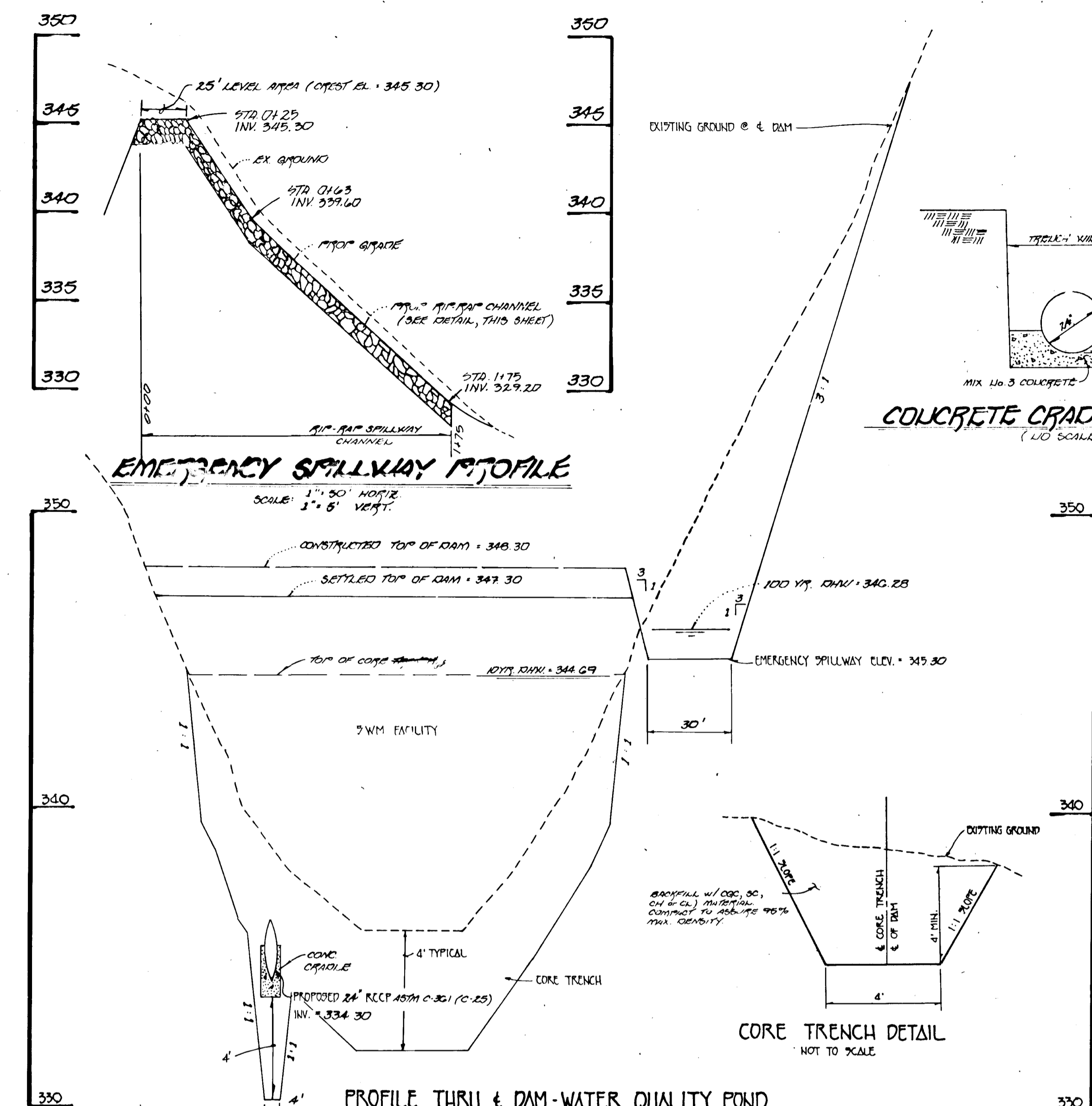
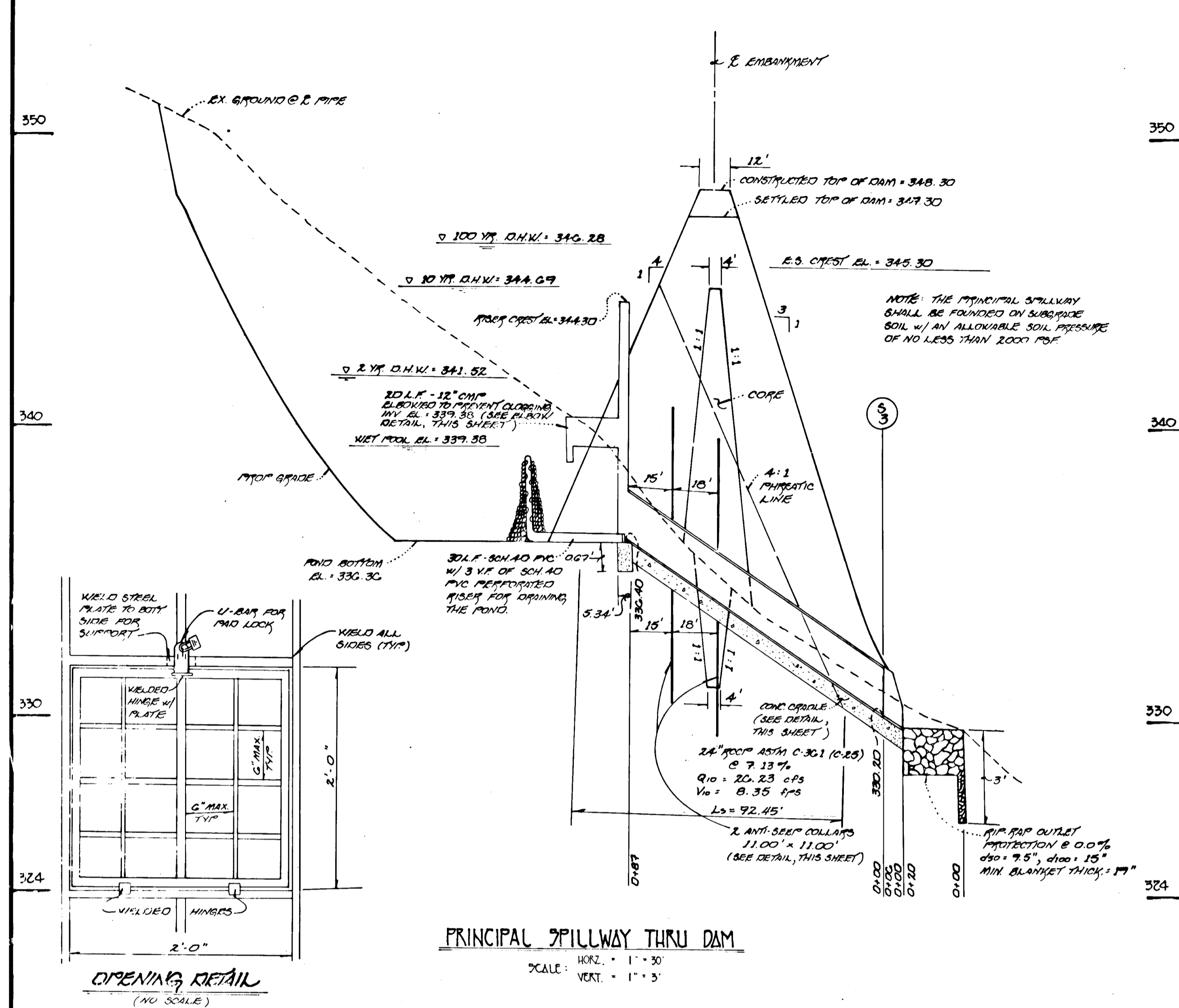
Richard M. Doucette 3-19-96
DATE

John Summary 4/1/96
DATE

John Summary 5/28/96
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DEPARTMENT OF PLANNING AND ZONING

CHIEF, DIVISION OF HIGHWAYS
DEVELOPMENT AND RESEARCH
CHIEF, DIVISION OF PLANNING AND ZONING
M.K.



MT. HEBRON
SECTION 23 PHASE 1
SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

STORMWATER MANAGEMENT NOTES AND DETAILS

OWNER AND DEVELOPER
MT. HEBRON INC.
2106 MT. HEBRON DRIVE
ELLICOTT CITY, MARYLAND 21042

SCALE: AS SHOWN DATE: MAY 1, 1995 DWG. NO.: C-C OF C
DES: K. FALCIC ORN: L. MAUSTIN CHK: C. CROVO

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
1171 BALTIMORE NATIONAL PIKE
SUITE 100
ELLICOTT CITY, MARYLAND 21042
TEL: (410) 461-2855

ENGINEER'S CERTIFICATE

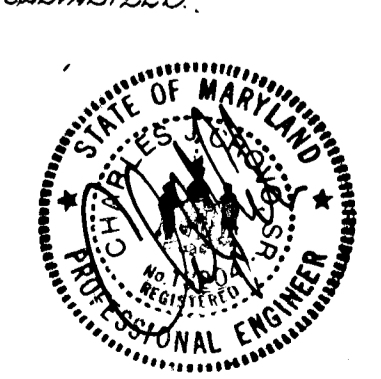
I certify that this plan for pond construction, erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions. This plan was prepared in accordance with the requirements of the Howard Soil Conservation District. I have notified the developer that he/she must engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with the "as-built" plan of the pond within 30 days of completion.

CHARLES J. CANN SR. 2/1/96
Signature of Engineer (Print name beside signature) Date

DEVELOPER'S CERTIFICATE

I/we certify that all development and/or construction will be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I shall engage a registered professional engineer to supervise pond construction and provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion. I also authorize public on-site inspection by the Howard Soil Conservation District.

John Summary 2/1/96
Signature of Developer (Print name beside signature) Date



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