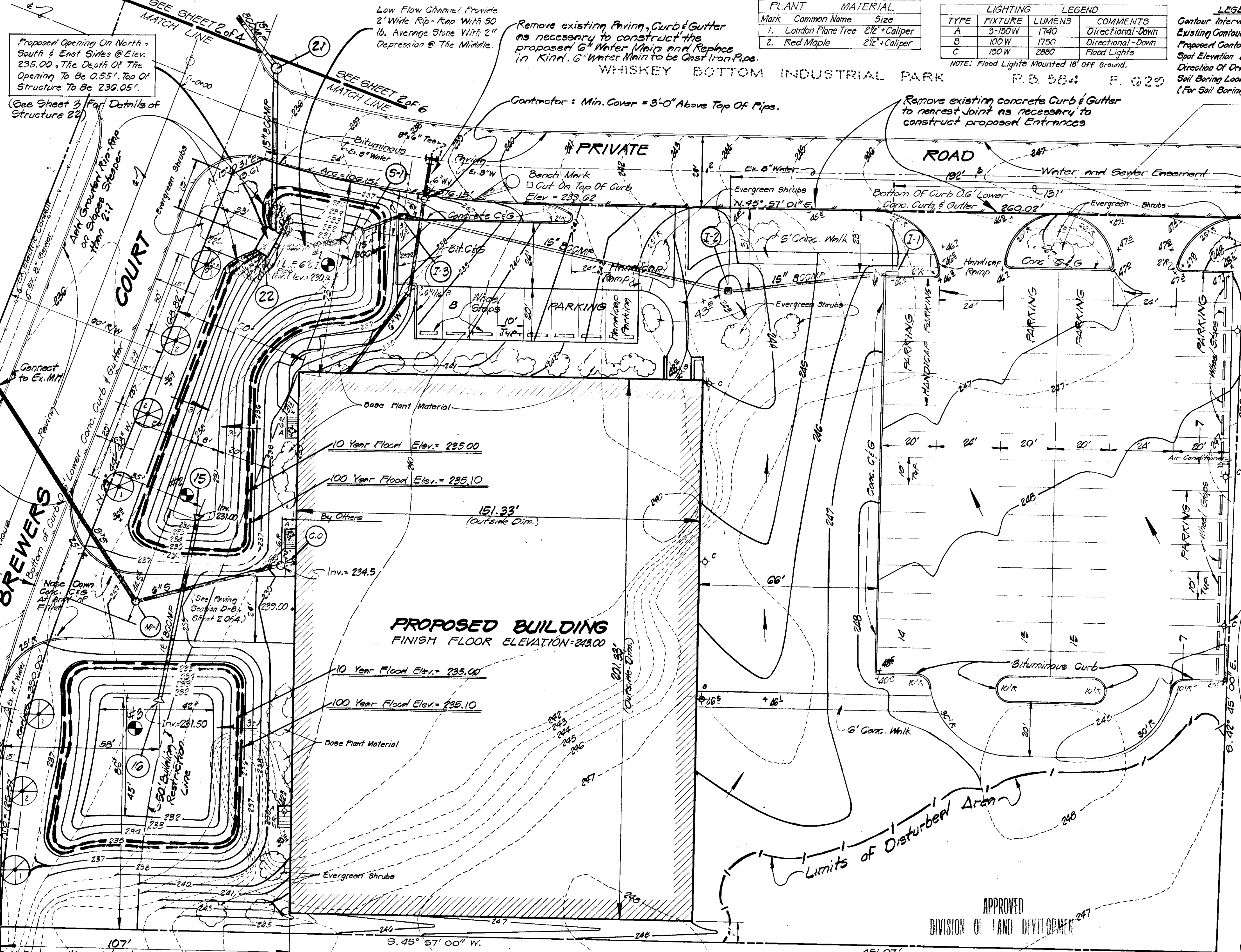


VICINITY MAP
Scale: 1" = 600'



PLANT	MATERIAL
Mark	Common Name Size
1.	London Plane Tree 2 1/2" Caliper
2.	Red Maple 2 1/2" Caliper

TYPE	FIXTURE	LUMENS	COMMENTS
A	9-150W	1740	Directional-Down
B	100W	1750	Directional-Down
C	150W	2880	Flood Lights

LEGEND	
Contour Interval	1 Foot
Existing Contour	--- 237 ---
Proposed Contour	--- 237 ---
Spot Elevation (Prop.)	+37±
Direction of Draining	→
Soil Boring Location	⊙ #2
(For Soil Boring Test See Sheet 2 of 4)	

GENERAL NOTES

- The Land included in this plan is zoned M-2
- All coordinates are based on Maryland State Grid System. Elevation are based on U.S. Const. and Geodetic Survey Mean Sea Level of 1929.
- The area covered in this submission is located on Tax Map N 8 50, Bk. 4 & Zoning Map N 8 50, Parcel 484
- The total area included in this plan is: Total Improvised area for Bldg., Driveway and Parking = 1.29 AC (48%)
Open Area (Lawnscape and Undisturbed Area) = 1.38 AC (58%)
Total Area = 2.67 AC
- Installation of all Traffic Control Devices shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices.
- Recording References: Recorded in Plat No. 281 Folio 140
- All Driveways & Parking Areas are Privately Owned and Maintained.
- All Storm Drainage and Paving shall be constructed in accordance with the latest details and Specifications of Howard County.
- Call "Miss Utility" 24 hours in advance of construction (Phone 592-0100).
- Parking Requirements:

Office Employees	20
Office Parking Spaces	19
Plant Employees	30
(Total Plant Area = 22,307 sq ft)	
Plant Parking Required	45
Total Parking Provided	66
Total Parking Required	64
- Minimum Cover Over 6" Water Shall Be 3'.
- Total Floor Area of Building is:
Gross Area = 30,467 sq ft.
Net Area = 20,813 sq ft.
- All Damage To Public R/W Area Or Paving Shall Be Corrected At Developer's Expense.

Remove existing Paving, Curb & Gutter as necessary to construct the proposed 8" Sanitary Sewer. Replaces in Kind. Stabilize all Disturbed unimproved areas.

Remove existing concrete Curb & Gutter to nearest joint as necessary to construct Entrances

WEST ELEVATION PROP. BLDG.
NO SCALE

Bench Mark
Nut On
Fire Hydrant
Elev. = 237.46

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.
7-17-78
Date
These Plans For Small Pond Construction, Soil Erosion And Sediment Control Meet The Requirement Of The Howard Soil Conservation District.
Approved: Les Fayer 7-17-78
Howard Soil Conservation District

APPROVED: For PUBLIC WATER, POTABLE WATER DISTRIBUTION SYSTEMS AND WASTEWATER TREATMENT SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
R.E. Brudenberg 7/26/78
DIRECTOR DATE
APPROVED: W.O. Fisher 7-25-78
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: For PUBLIC WATER and WASTEWATER SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Jaymie Gooden 1-28-78
COUNTY HEALTH OFFICE DATE

APPROVED: HOWARD COUNTY OFFICE
OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

CERTIFICATION BY THE ENGINEER
I certify that this Plan for Ponds, Erosion and Sediment Control Represents A practical and workable plan based on personal knowledge of the Site Conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District. I have also informed the Owner of his responsibility to have the construction supervised and certified by a registered professional Engineer within thirty (30) days of completion.
Date: 7/17/78
Signature: Barbara J. Cavalerio, M.E. 3887

CERTIFICATION BY THE DEVELOPER
I certify that all Development and/or Construction will be done according to these Plans of Development and Plans for Ponds and 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. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.
Date: 7/17/78
Signature: Developer

NO.	REVISION	DATE	BY

UNI-VERSAL ENGINEERING
MANAGEMENT
INC.
ENGINEERS - PLANNERS - SURVEYORS
10 OLD POST OFFICE Rd.
SILVER SPRING, Md.
588-0611 20910

BAKER - WENDELL
ARCHITECTS
7735 OLD GEORGETOWN Rd.
BETHESDA, MARYLAND
652-4400 20014

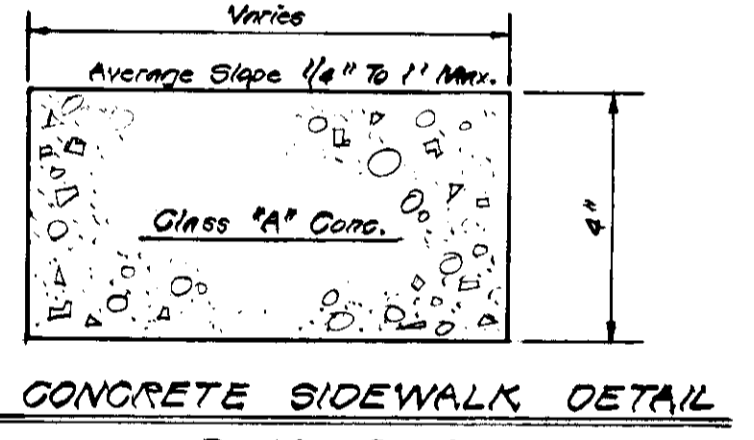
STORM DRAIN, ON-SITE WATER & SEWER, STORM
WATER MANAGEMENT AND SITE DEVELOPMENT PLAN
Parcel 11D
**WHISKEY BOTTOM
INDUSTRIAL PARK**
SULLFORD #6 ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

R.B. MARY DESIGN
6-1
DMJ DRAWN
SCALE: 1" = 20'
SHEET NO. 1 of 8
B.J.B. CHECKED
MARCH 78 DATE
77-12-444 JOB NO.
77-12-444 C FILE NO.

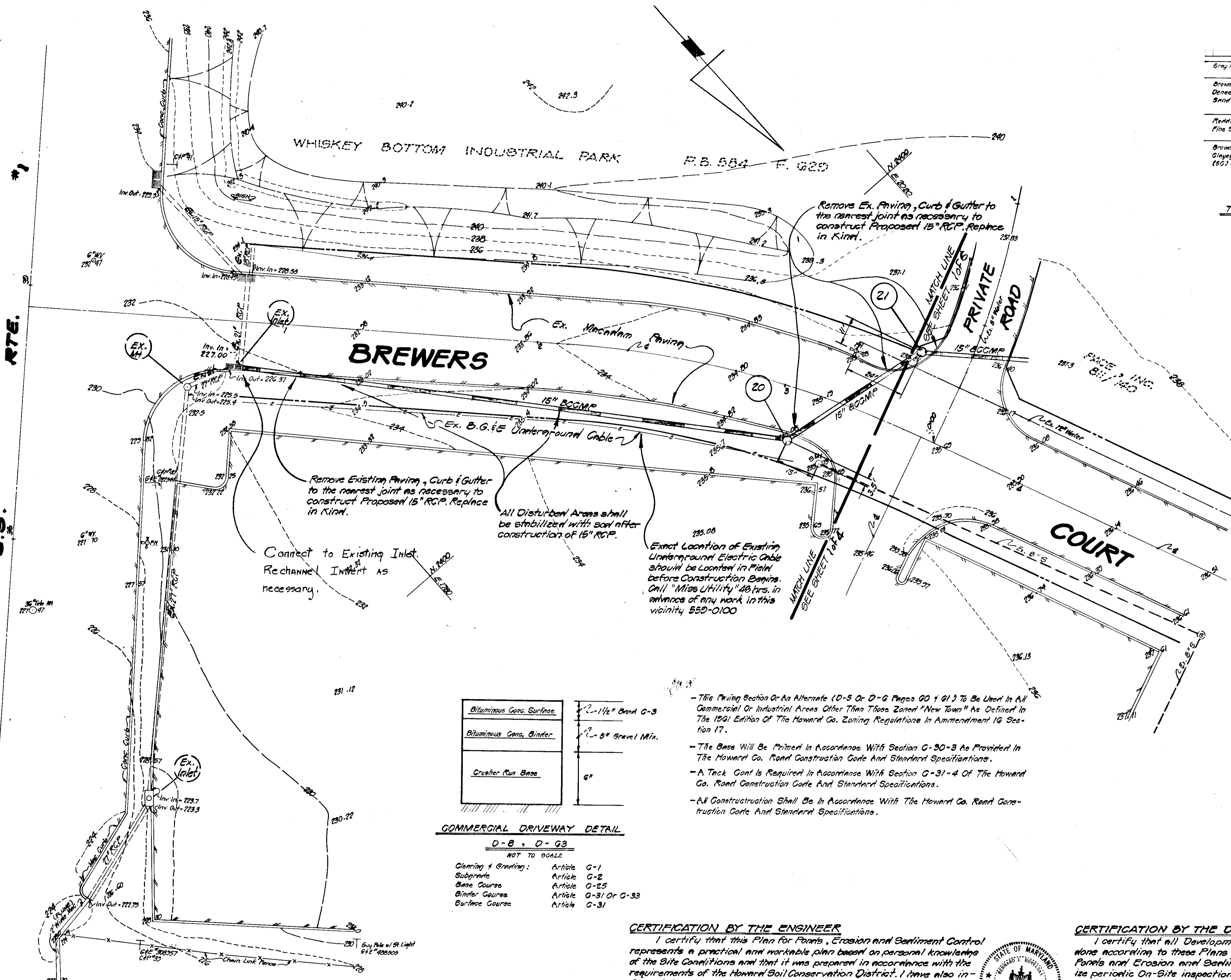
SOIL BORING INFORMATION

Surface	TEST PIT #1	TEST PIT #2
Gray Moist, Very Stiff Silty Clay (CL)	18.0	18.0
Brown, Very Moist To Wet, Medium Dense To Dense, Clayey Fine To Med. Sand, Trace Silt And Gravel (SC)		
Reddish Brown, Very Moist To Wet, Clayey Fine To Medium Sand (SC)		
Reddish Brown, Wet - Dense, Silty Fine Sand, Trace Clay (SM)		
Brown And Gray, Moist, Dense Clayey Fine Sand/Lite To Some Silt (SC) Or (ML)		
Gray, Moist, Very Dense To Dense Silty Clay (CL) And Medium Dense Fine To Med. Sand, Trace Silt (SP-SM)		
Reddish Brown, Very Moist To Wet, Clayey Fine To Medium Sand (SC)		
Gray, Silty Or Sandy Clay (CL)		
Layer In Top Of Sample 3.		
Gray, Moist, Very Dense To Dense Clayey Fine To Medium Sand, Lite Silt (SC)		

Surface	TEST PIT #3
Gray And Tan, Moist, Very Dense Silty Fine To Medium Sand, Trace To Lite Fine Gravel (SM-SP)	21.0
Tan And Gray, Moist, Very Dense To Medium Dense, Fine To Medium Sand, Trace Silt And Gravel (SP-SM)	25.5
Brown, Very Moist To Wet, Medium Dense To Very Dense, Fine To Med. Sand, Trace Silt (SP-SM)	28.0



This Sidewalk To Be Constructed In Accordance With Article G-35 Of The Howard Co. Road Construction Code And Specifications.



Bituminous Cons. Surface	2-1/2\"
Bituminous Cons. Binder	2-5\"
Gravel Run Base	6\"

COMMERCIAL DRIVEWAY DETAIL
D-8, D-93
NOT TO SCALE

Cleaning & Grading:	Article G-1
Subgrade:	Article G-2
Base Course:	Article G-25
Binder Course:	Article G-31 Or G-33
Surface Course:	Article G-31

- This Driving Section Or An Alternate (D-5 Or D-6 Pages G0 & G1) To Be Used In All Commercial Or Industrial Areas Other Than Those Zoned "New Town" As Defined In The 1961 Edition Of The Howard Co. Zoning Regulations In Amendment 16 Section 17.
- The Base Will Be Primed In Accordance With Section G-30-3 As Provided In The Howard Co. Road Construction Code And Standard Specifications.
- A Tack Coat Is Required In Accordance With Section G-31-4 Of The Howard Co. Road Construction Code And Standard Specifications.
- All Construction Shall Be In Accordance With The Howard Co. Road Construction Code And Standard Specifications.

CERTIFICATION BY THE ENGINEER

I certify that this Plan for Paving, Erosion and Sediment Control represents a practical and workable plan based on personal knowledge of the Site Conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District. I have also informed the Owner of his responsibility to have the construction supervised and certified by a registered professional Engineer within thirty (30) days of completion.

Bernard J. Bovaletsky, M.E. P.E. 8887

CERTIFICATION BY THE DEVELOPER

I certify that all Development and/or Construction will be done according to these Plans of Development and Plans for Paving and 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. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Thomas J. Engel, Inc. Developer

APPROVED: For PUBLIC WATER, PUBLIC SEWERAGE, ACID, STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
R. E. Spindenberg 7/26/78
 DIRECTOR DATE

APPROVED: For PUBLIC WATER and PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
J. J. ... 7-28-78
 COUNTY HEALTH OFFICE DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
... 7-31-78
 PLANNING DIRECTOR DATE

NO.	REVISION	DATE	BY

UNI-VERSAL ENGINEERING MANAGEMENT INC.
 ENGINEERS - PLANNERS - SURVEYORS
 10 OLD POST OFFICE RD.
 SILVER SPRING, MD.
 588-0611 20910

BAKER - WENDELL ARCHITECTS
 7735 OLD GEORGETOWN RD.
 BETHESDA, MARYLAND
 652-4400 20014

STORM DRAIN, ON-SITE WATER & SEWER, STORM WATER MANAGEMENT AND SITE DEVELOPMENT PLAN
 PHASE "D"
WHISKEY BOTTOM INDUSTRIAL PARK
 SUILFORD #6 ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

R.B.F.M.H. DESIGN	C-2
D.M.J. DRAWN	SCALE: 1" = 20'
B.J.B. CHECKED	SHEET NO. 2 of 3
MARCH, 78 DATE	77-12-444 JOB NO.
	FILE NO.

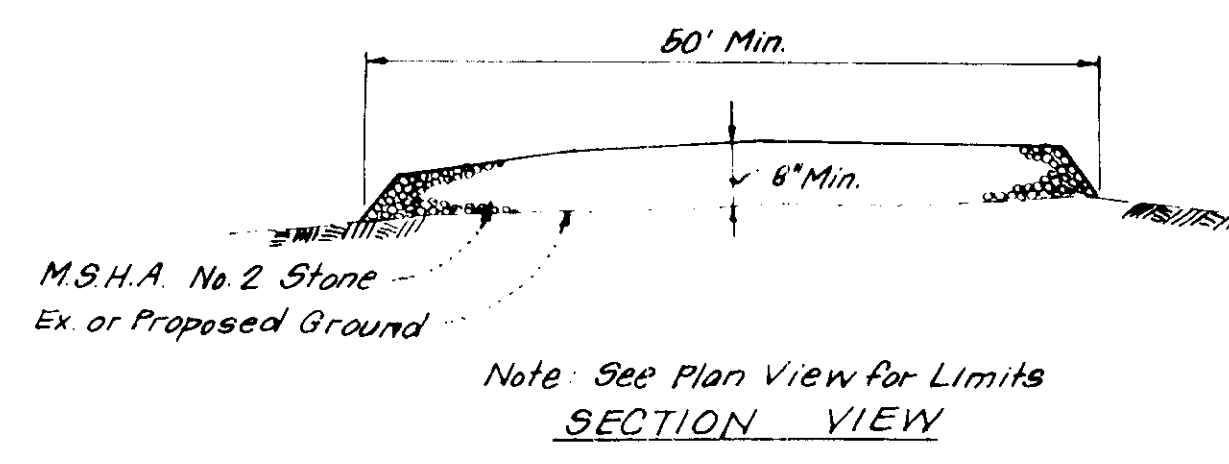
APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 6-30-78

OWNER:
 PAGE INC.
 9325 Finser Street
 Silver Spring, Md. 20910
 Tel. 587-1600

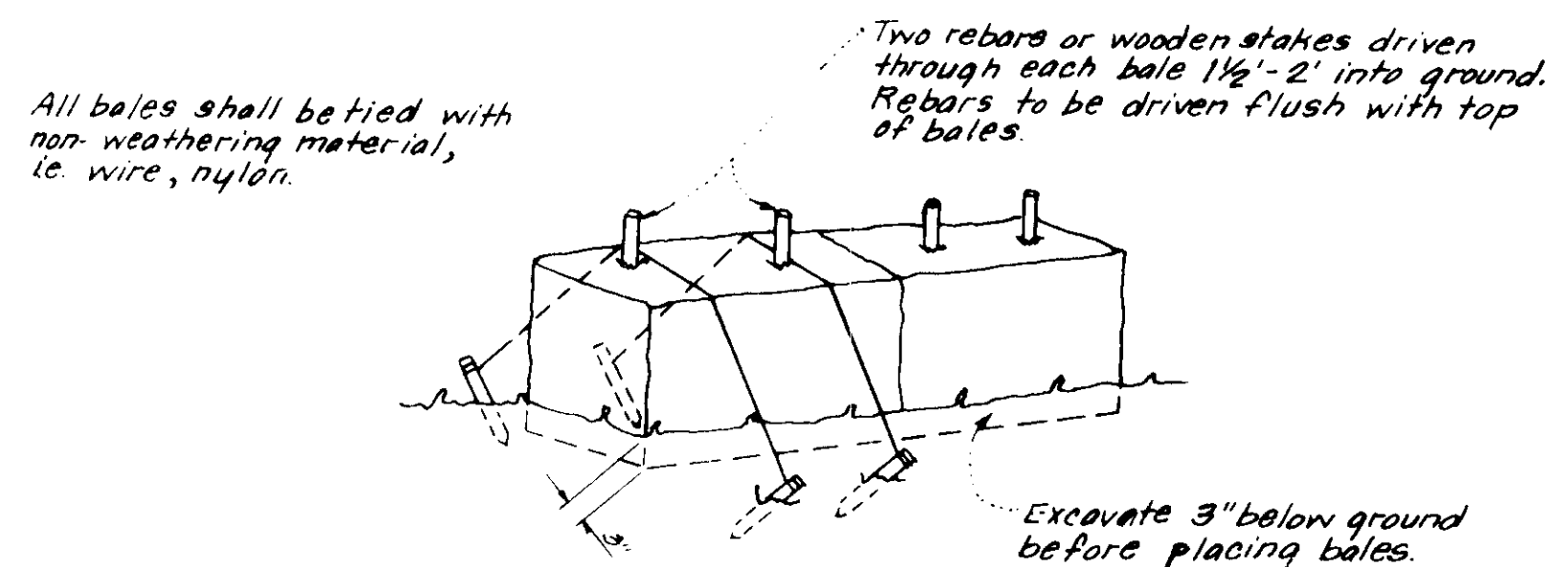
GENERAL NOTES

- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 1.4 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground agricultural lime or dolomitic lime applied at the rate of 46 lbs/1000 sq. ft.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On site inspection and maintenance of all sediment control measures including cleanup of sediment traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved sediment control device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:

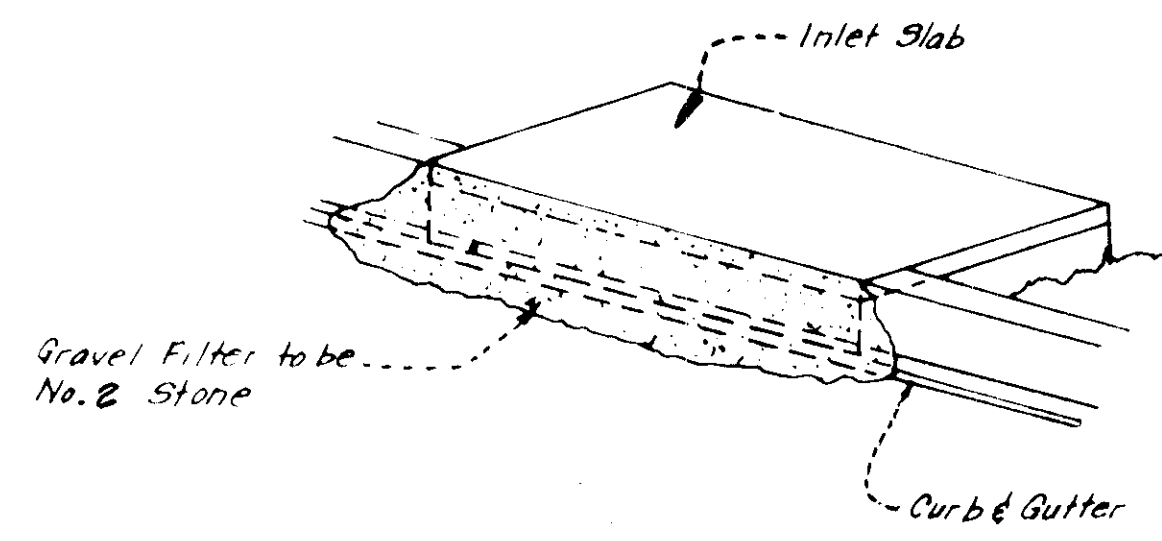
Total Area	2.67 [±] ac
Area to be Roofed	0.67 [±] ac
Area to be Paved	0.62 [±] ac
Area to be Seeded	0.84 [±] ac
Area Undisturbed	0.24 [±] ac
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE**
 - Install Sediment Control Devices and Construct Storm Water Management Ponds.
 - Install Storm Drainage Systems in conjunction with Storm Water Management Ponds.
 - Construction of Building and Installation of Utilities.
 - Construct all paved areas and commence Final Grading.
 - Stabilize Site. (See Note #5).
- It will be the Developer's responsibility, to provide additional Sediment and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence = 335 L.F.



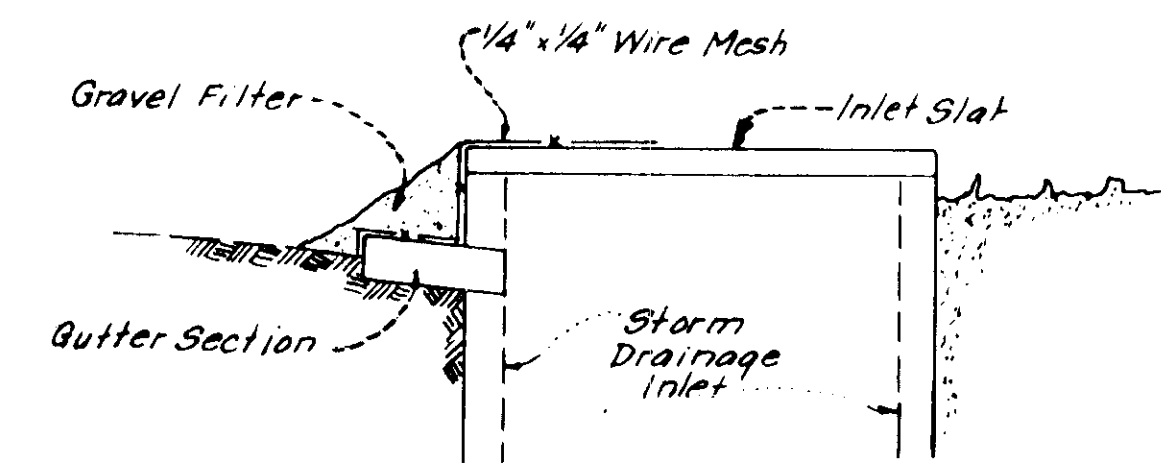
STABILIZED CONSTRUCTION ENTRANCE DETAIL
No Scale



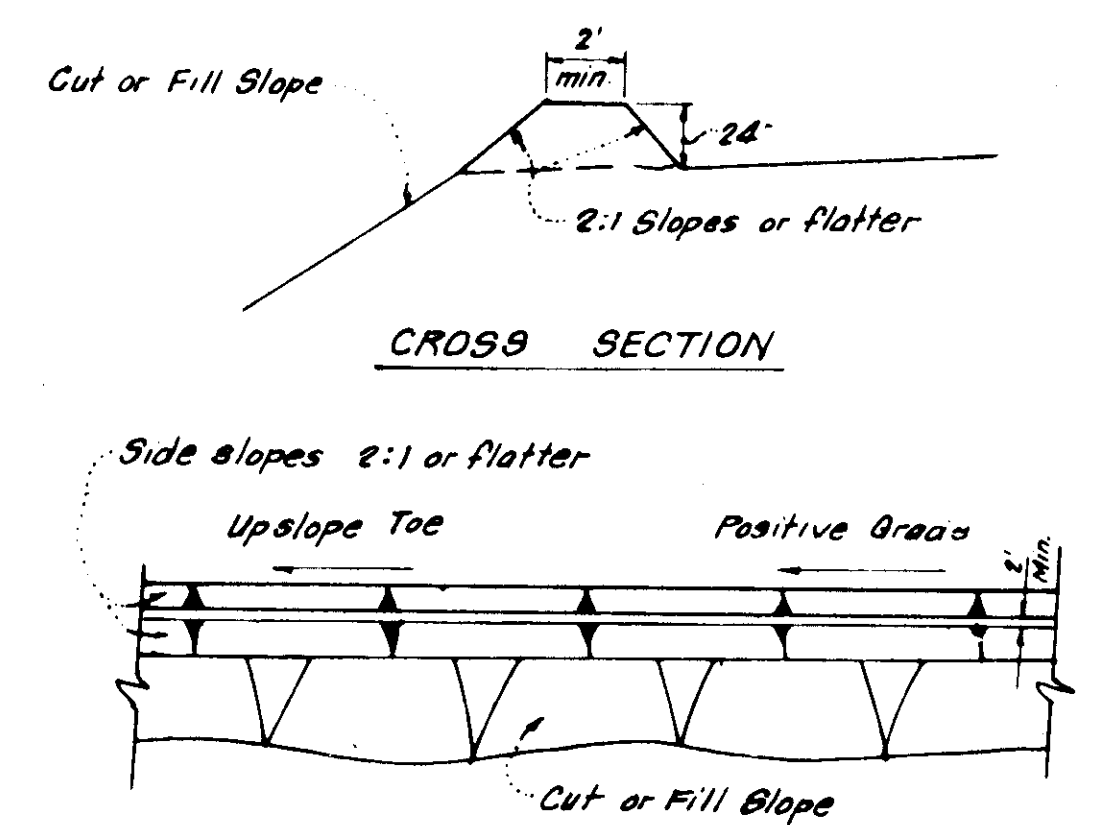
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



ISOMETRIC VIEW



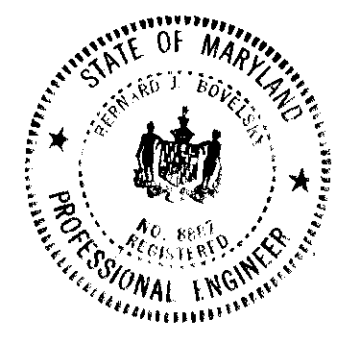
SECTION VIEW
STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
No Scale



PLAN VIEW
DIVERSION DIKE (DD)
No Scale

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction will be done according to this plan of development and plan of 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. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

William J. Singh - Pres. Pave, Inc.
Signature Date 4/14/78



ENGINEER'S CERTIFICATE
I hereby 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.

Benjamin J. Bovelesky, M.D., P.E.
Signature Date 4/6/78

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
J. J. ... 1-21-78
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
... 1-21-78
PLANNING DIRECTOR DATE

CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
R. S. ... 7-26-78
DIRECTOR DATE

W. C. ... 7-26-78
CHIEF, BUREAU OF ENGINEERING DATE

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
W. C. ... 7-17-78
Signature Date
U.S. Soil Conservation Service

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

Wes Egan 7-17-78
Approved Date

UNI-VERSAL ENGINEERING MANAGEMENT INC.
ENGINEERS - PLANNERS - SURVEYORS
10 Old Post Office Rd.
Silver Spring, Maryland
588-0611 20910

BAKER - WENDELL ARCHITECTS
7725 Old Georgetown Road
Bethesda, Maryland
652-4400 20014

SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN
WHISKEY BOTTOM INDUSTRIAL PARK
RECORD PLAT 3621
GUILFORD #6 ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

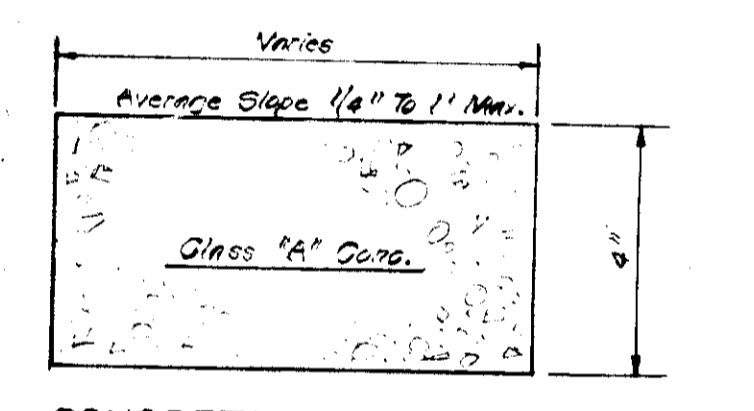
D.W.I. DESIGN
D.W.I. DRAWN
B.T.B. CHECKED
DATE 7-12-78
JOB NO. 17-12-444
FILE NO. C

SCALE: AS SHOWN
SHEET NO. (1 of 3)

SOIL BORING INFORMATION

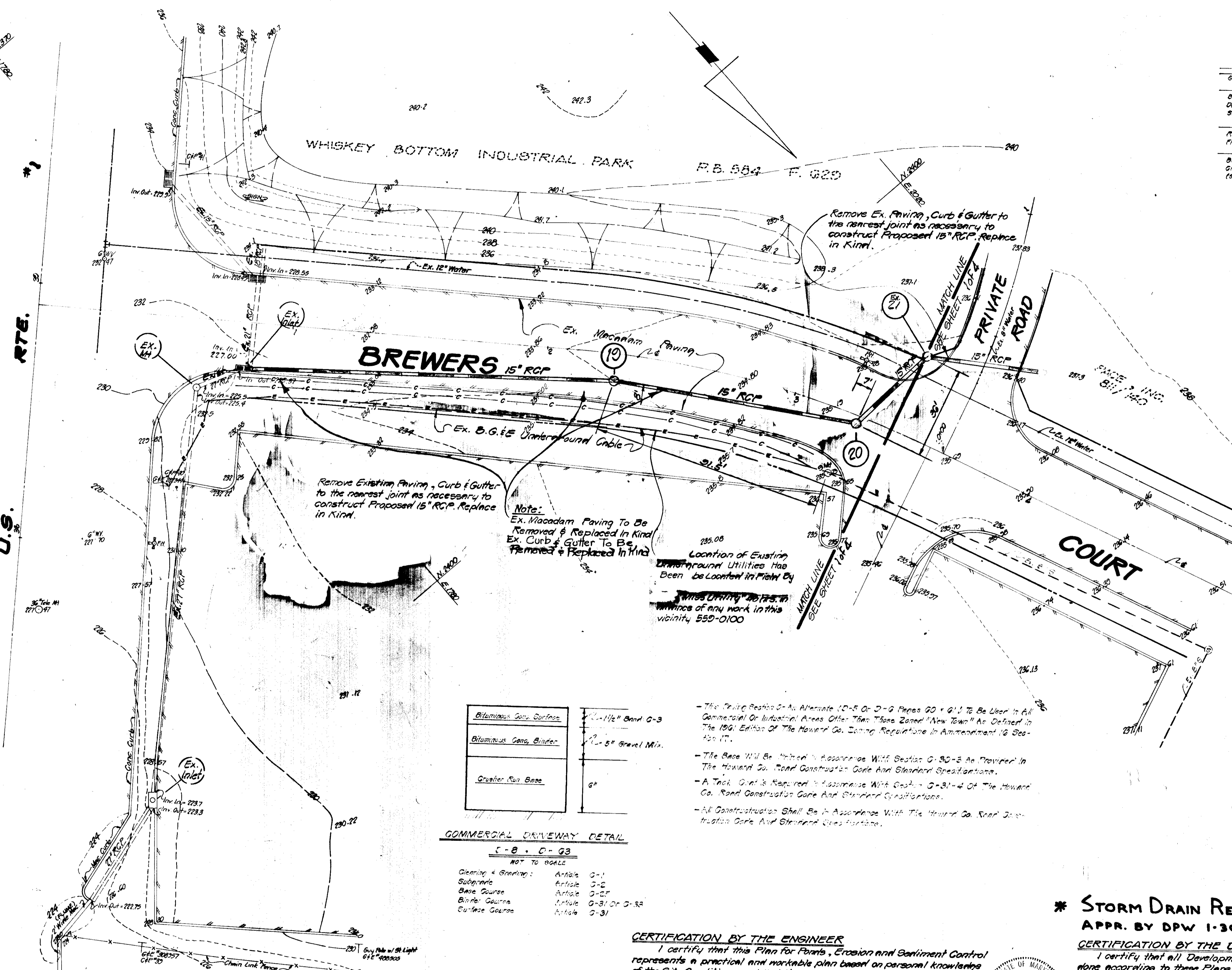
Surface	TEST PIT #1	TEST PIT #2
Surface Top Soil Gray Moist to Very Silty Clay (CL)	0.2	0.2
Brown, Very Moist to Wet, Medium Dense to Dense, Clayey Fine to Med. Sand, Trace Silt and Gravel (SP-SM)	2.2	3.2
Reddish Brown, Wet, Dense Silty Fine Sand, Trace Clay (SM)	5.2	5.2
Brown and Gray, Moist, Dense Clayey Fine Sand, Trace Silt (SC) or (ML)	8.2	8.2
	15.2	15.2

Surface	TEST PIT #3
Gray and Tan, Moist, Very Dense Silty Fine to Medium Sand, Trace to Little Fine Gravel (SP-SM)	0.1
Tan and Gray, Moist, Very Dense to Medium Dense, Fine to Medium Sand, Trace Silt and Gravel (SP-SM)	5.5
Brown, Very Moist to Wet, Medium Dense to Very Dense, Fine to Med. Sand, Trace Silt (SP-SM)	12.2
	20.2



CONCRETE SIDEWALK DETAIL
D-14, P-60
NOT TO SCALE

The Sidewalk to be Constructed in Accordance With Article 6-35 of The Howard Co. Road Construction Code and Specifications.



Bituminous Conc. Surface	1 1/2\"/>
Bituminous Conc. Binder	1\"/>
Gravel Base	6\"/>

COMMERCIAL DRIVEWAY DETAIL
C-8, D-93
NOT TO SCALE

Cement & Gravel	Article 6-1
Subgrade	Article 6-2
Base Course	Article 6-3
Binder Course	Article 6-31 or 6-32
Surface Course	Article 6-31

- The Existing Section 5-A, Alternate 10-F Or 10-G Pipes 20\"/>
- The Base Will Be "Shaded" in Accordance With Section 6-30-3 As Provided in The Howard Co. Road Construction Code and Standard Specifications.
- A Thick Gravel is Required in Accordance With Section 6-31-4 of The Howard Co. Road Construction Code and Standard Specifications.
- All Construction Shall Be in Accordance With The Howard Co. Road Construction Code and Standard Specifications.

CERTIFICATION BY THE ENGINEER

I certify that this Plan for Paving, Erosion and Sediment Control represents a practical and workable plan based on personal knowledge of the Site Conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District. I have also informed the Owner of his responsibility to have the construction supervised and certified by a registered professional Engineer within thirty (30) days of completion.

*** STORM DRAIN REVISIONS ON THIS SHEET**
APPR. BY DPW 1-30-80

CERTIFICATION BY THE DEVELOPER

I certify that all Development and/or Construction will be done according to these Plans of Development and Plans for Paving and 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. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

OWNER:
PAGE INC.
9329 Fraser Street
Silver Spring, Md. 20910
Tel. 587-1600

APPROVED: For PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Mark F. Newman 2-26-80
DIRECTOR DATE

APPROVED: For PUBLIC WATER and PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James P. Jones 2-26-80
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Donald J. Howard 2-26-80
PLANNING DIRECTOR DATE

NO.	REVISION	DATE	BY
1.	Relocated Storm Drain System betw. Ex. Inlet & Ex. 9th #21 to Avoid Ex. Underground Utilities	12-18-79	ESB

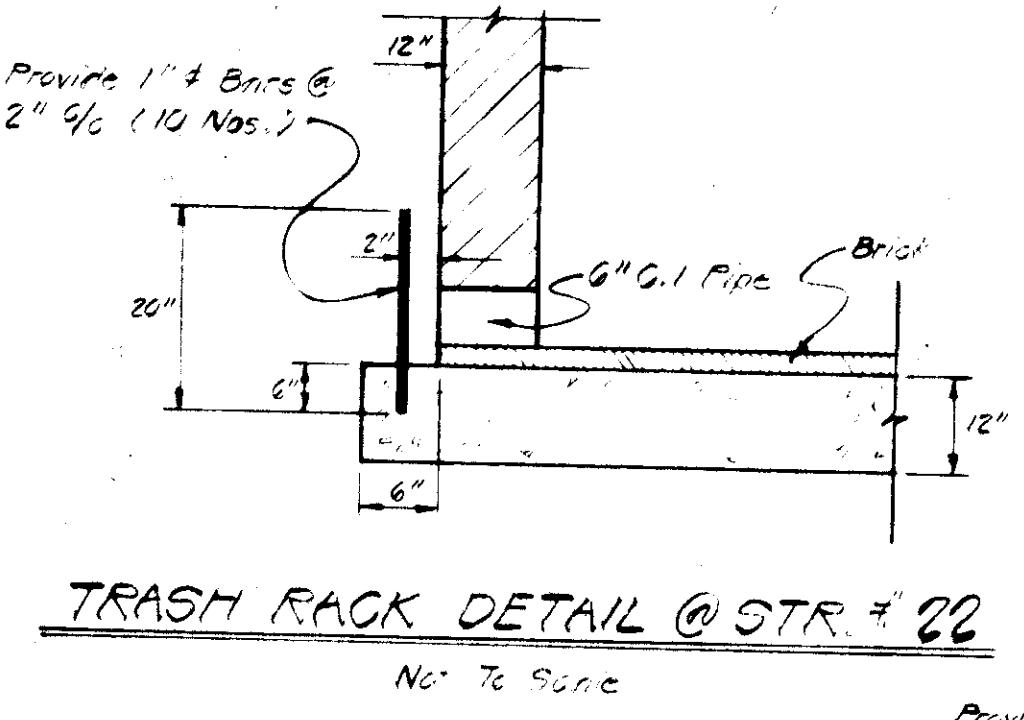
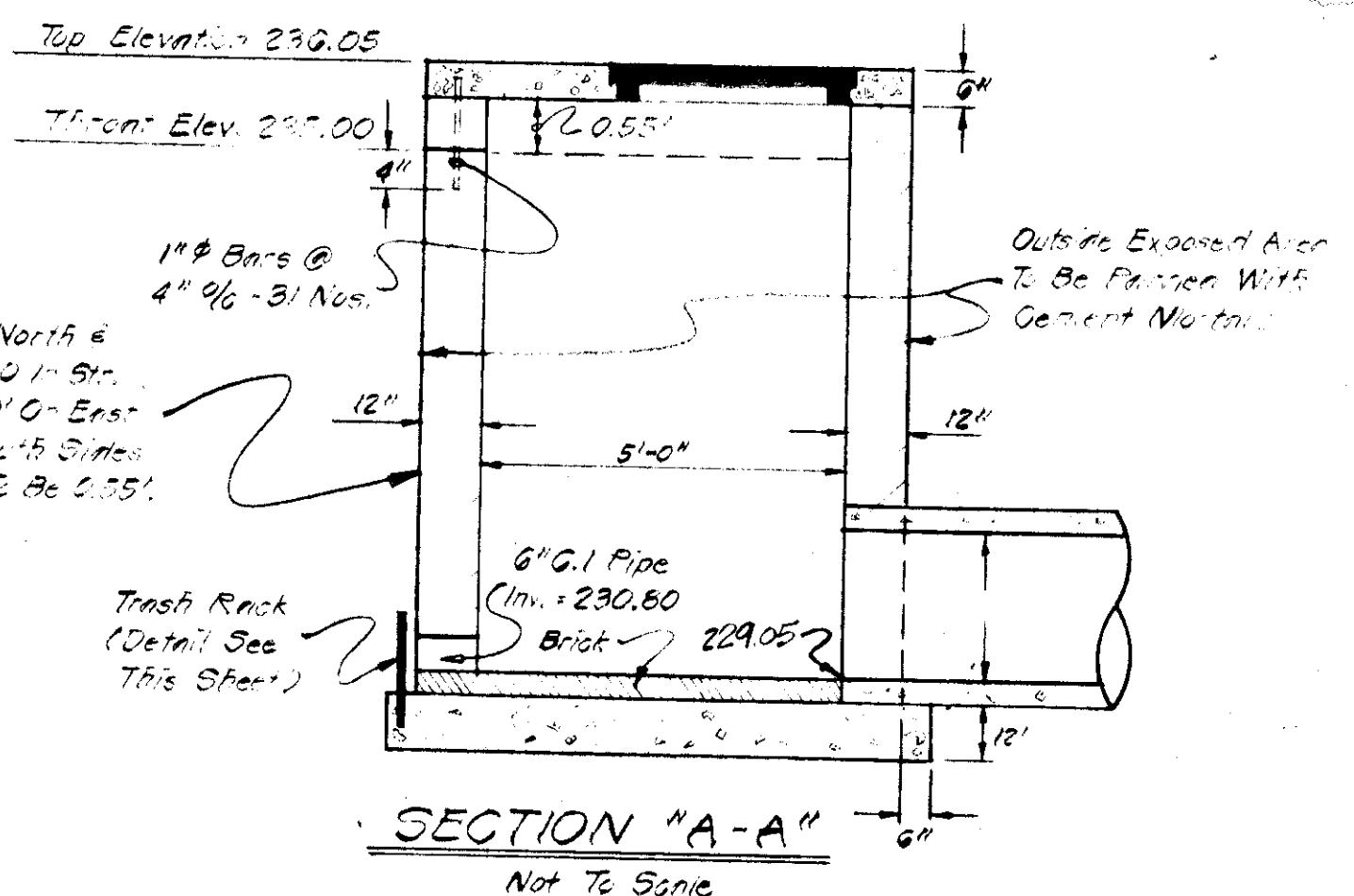
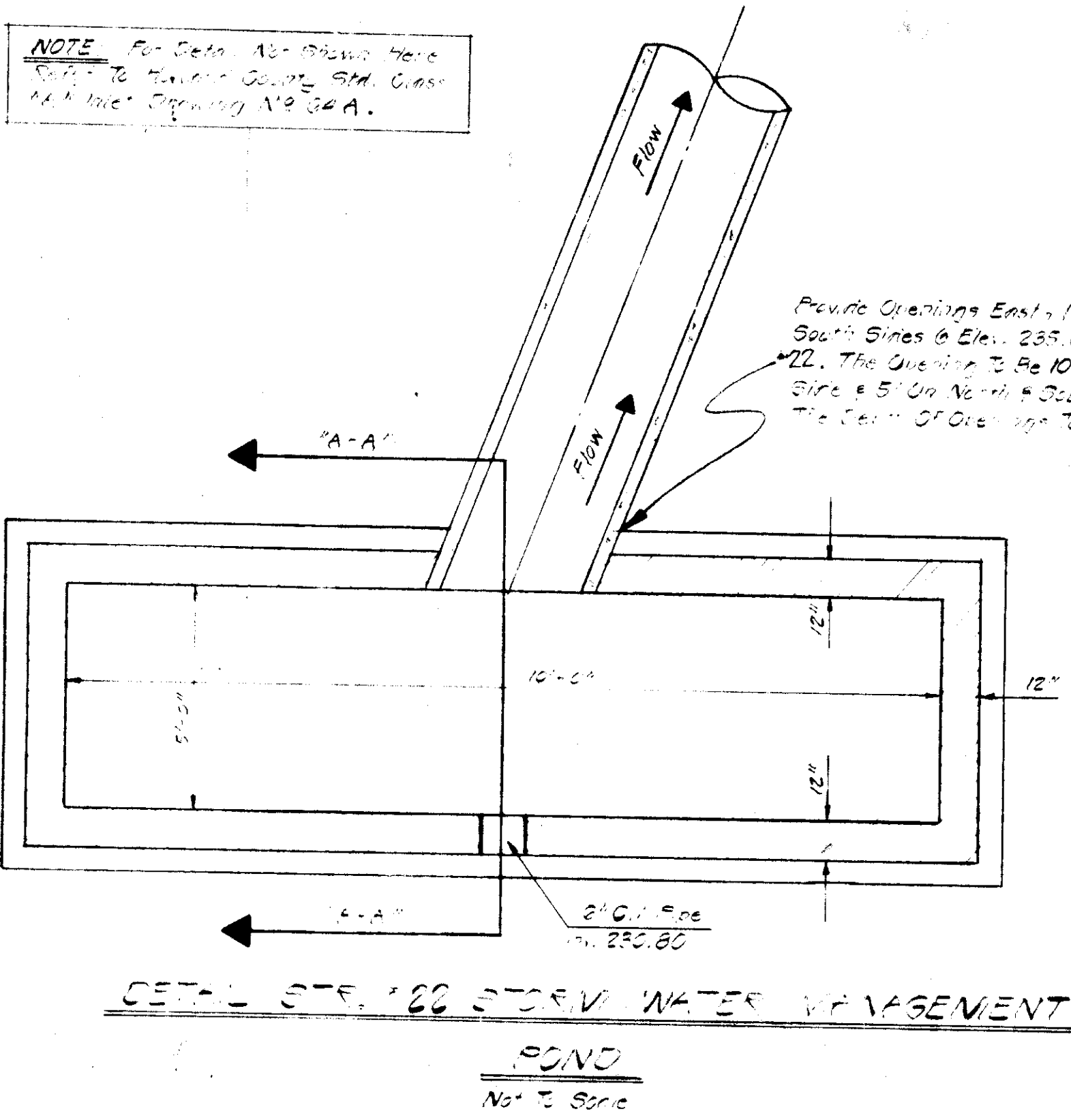
UNI-VERSAL ENGINEERING MANAGEMENT INC.
ENGINEERS - PLANNERS - SURVEYORS
10 OLD POST OFFICE Rd.
SILVER SPRING, Md.
588-0611 20910

BAKER - WENDELL ARCHITECTS
7735 OLD GEORGETOWN Rd.
BETHESDA, MARYLAND
652-4400 20014

STORM DRAIN, ON-SITE WATER & SEWER, STORM WATER MANAGEMENT AND SITE DEVELOPMENT PLAN
Parcel "D"
WHISKEY BOTTOM INDUSTRIAL PARK
SUILFORD #6 ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

R.B. & M.H. DESIGN	C-2
DM.J. DRAWN	SCALE: 1" = 20'
B.J. B. CHECKED	SHEET NO 7 of 8
MARCH, 78 DATE	77-12-444 JOB NO
	FILE NO.

NOTE: For Details A-B Please Refer To Detail Sheet SDP-78-96.



STR. NO.	TYPE	TOP ELEVATION	SCHEDULE	REMARKS
20	Manhole	235.16	235.16	Howard Co. - 5" x 7"
21	Manhole	234.79	234.79	" " " " "
22	A-15 Inlet	236.05	236.05	Manhole See Detail this Sheet

STR. NO.	TOP ELEV.	INV. IN.	INV. OUT.	TYPE	Q
I-1	246.60	243.17	243.17	A-5	2.10 cfs
I-2	242.50	239.17	239.92	" 6"	1.08 cfs
I-3	231.00	233.55	233.30	A-5	0.84 cfs
S-1		233.10		cut-off wall	

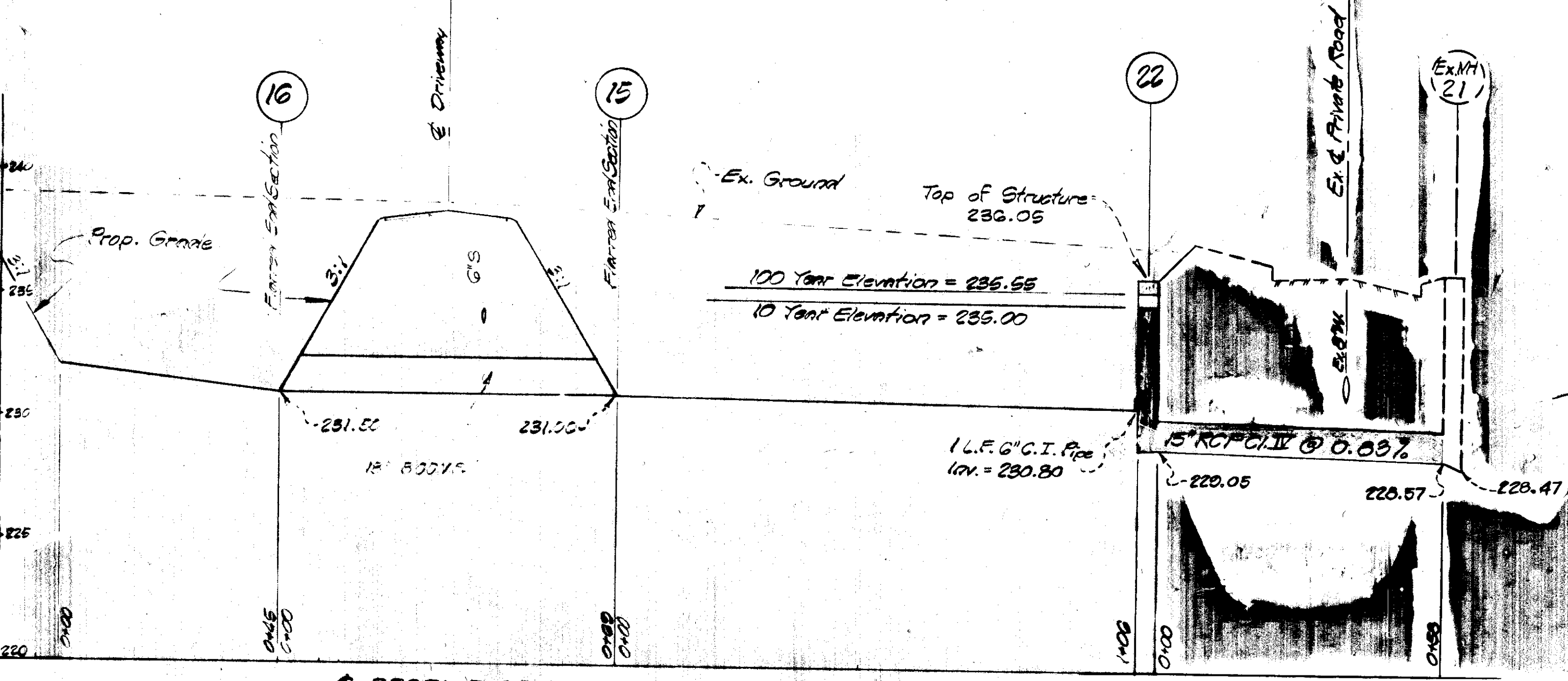
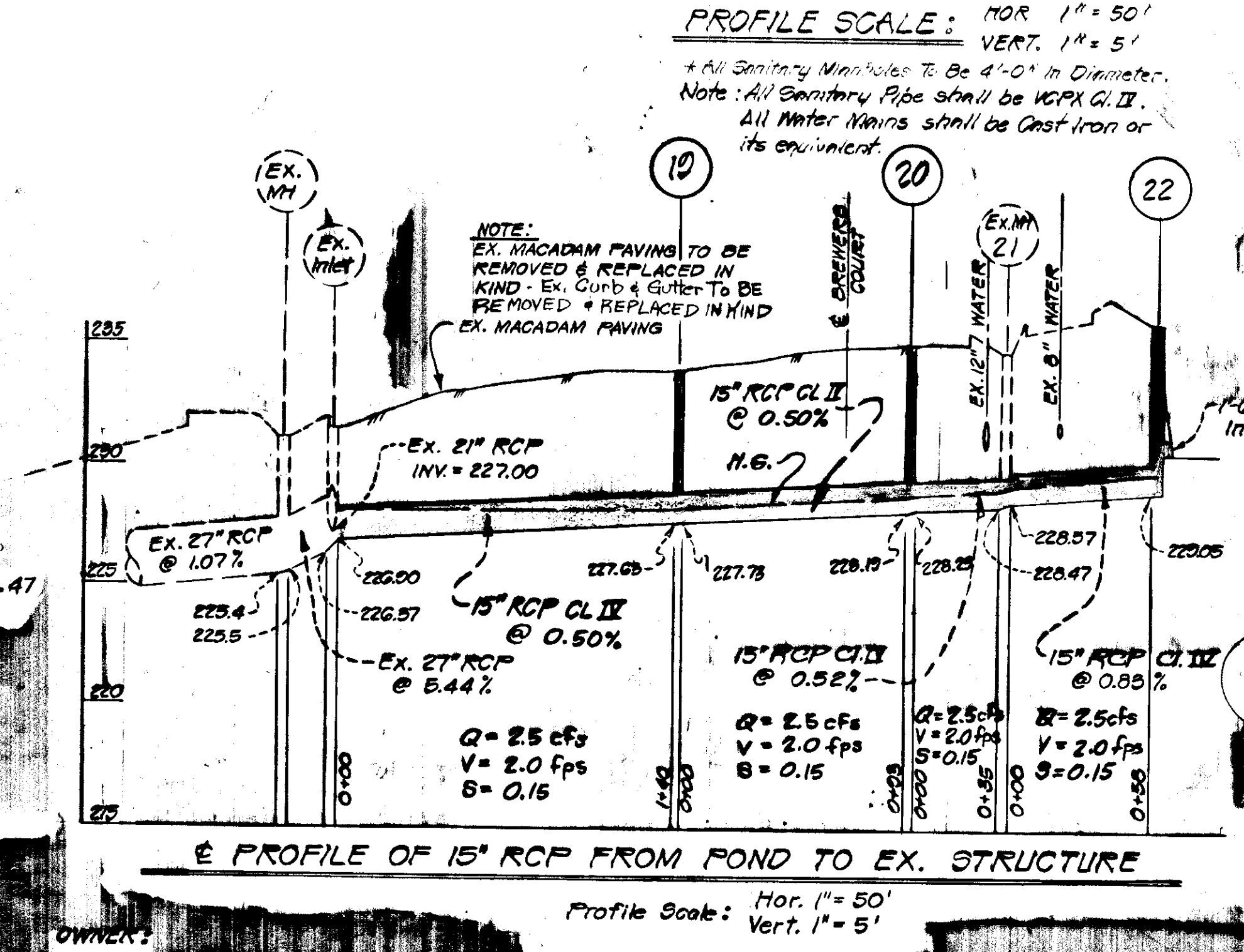
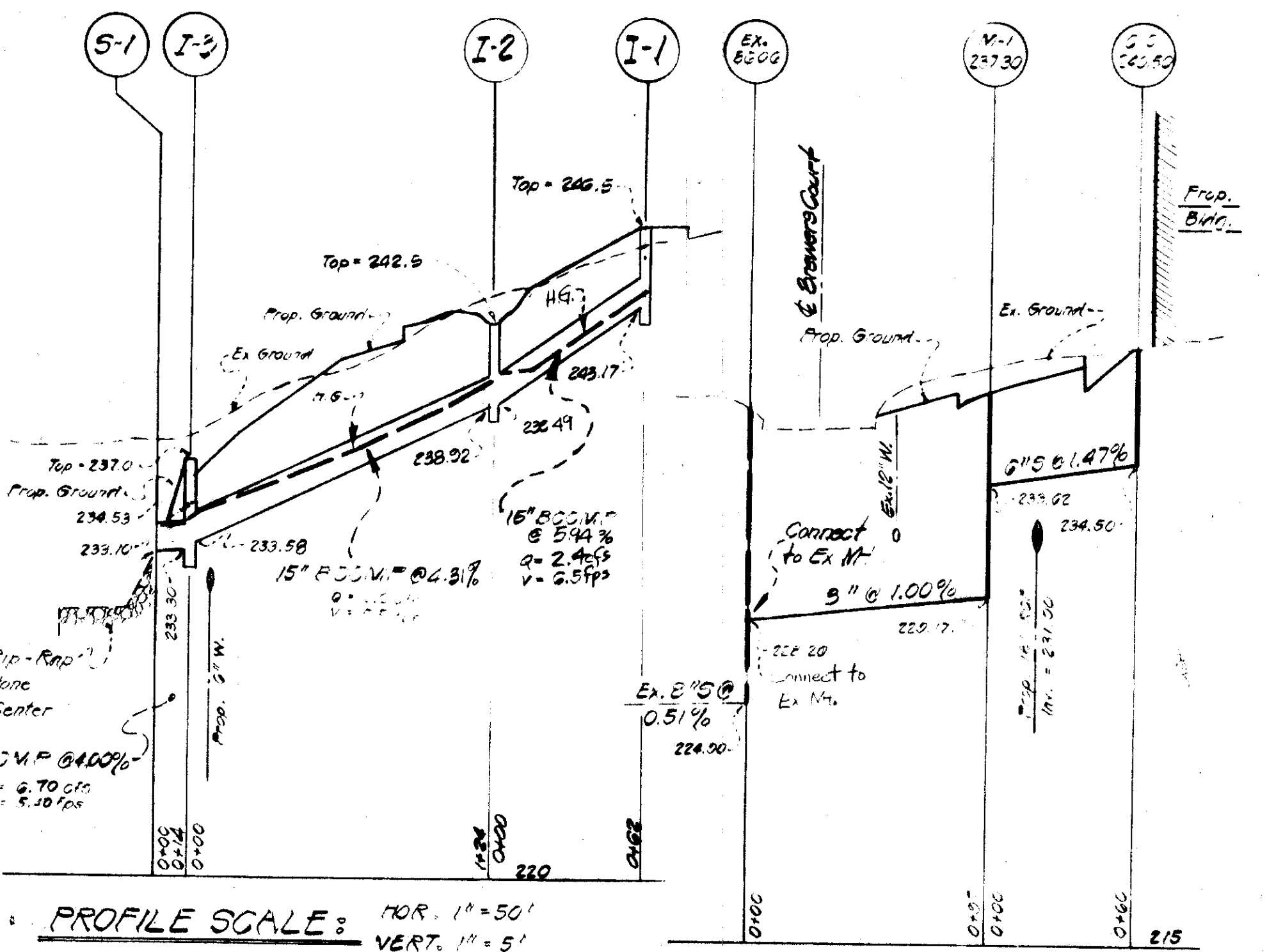
* Tops To Be Adjusted To Meet Ex. Grade

GENERAL NOTES

1. Basin Designed As A Permanent Storm Water Management Pond. It Shall Be Built In Accordance With These Plans But Act As A Sediment Basin During Construction Of Site. The Pond Shall Be Restored To Original Condition As A Storm Water Management Pond Upon Final Stabilization Of All Areas Within Contributing Watershed And Of Dr. Gravel Pipe Shall Be Unplugged.
2. This Structure Will Be Maintained By The Owner Of PACE, INC.
3. Construction Shall Be Supervised By A Registered Professional Engineer.
4. 30 Days After Construction The Completed As Built Plans Will Be Submitted To Howard Co. Conservator District For Approval. The Contractor Shall Be Responsible For Maintaining All Areas Within Contributing Watershed And Of Dr. Gravel Pipe Shall Be Unplugged.
5. The 6" Dia. Gravel Pipe Shall Be Flushed With The Pond As A Sediment Basin.

STORM WATER MANAGEMENT POND CONSTRUCTION SPECIFICATION

1. SITE PREPARATION: The Embankment Area & Burrow Area Shall Be Cleared And Grubbed To Remove All Trees, Vegetation, Roots Or Other Obstructions. The Top Soil From The Embankment Area And Burrow Area Shall Be Removed And Stockpiled. The Top Soils Shall Be Spread On The Completed Embankment.
2. EARTH FILL: Material - The Fill Material Shall Be Free From Roots, Stumps, Weeds, Rubbish, Frost Or Other Obstructions. The Embankment Shall Be Constructed To The Design Grade Of The Sheet. The Embankment Shall Be Compacted To The Design Density.
3. STRUCTURAL BACKFILL: Backfill Material Shall Be Of The Type And Quality Specified In These Plans. The Backfill Shall Be Placed In Horizontal Layers Not To Exceed 4" Inches In Thickness And Compacted By Hand Tamping Or Manually Operated Powered Tampers Or Plate Vibrators. At No Time During The Backfill Operation Shall Drive Equipment Be Allowed To Operate Any Closer Than 4 Feet Measured Horizontally To Any Part Of A Structure. Under No Circumstances Shall The Contractor Drive Equipment Over Any Part Of A Concrete Structure Or Pipe Unless There Is A Compacted Fill Of 24" Inches Or Greater Over The Structure Or Pipe.
4. PIPE CONDUITS: CONCRETE PIPE SHALL BE USED. Material - Concrete Pipe Shall Be Of The Type And Quality Specified In These Plans. The Pipe Shall Be Fully Encased In Concrete To The Requirements Of ASTM C 138. The Pipe Shall Be Installed In A Manner That Will Allow For Expansion And Contraction. The Pipe Shall Be Installed In A Manner That Will Allow For Expansion And Contraction. The Pipe Shall Be Installed In A Manner That Will Allow For Expansion And Contraction.
5. CONCRETE: Concrete Shall Meet Minimum Requirements Set Forth In Maryland State Roads Commission Specifications For Materials - Highways, Bridges And Incidental Structures. Article 20.07 (Portland Cement Mixture) Class A-1 Or P-1.
6. STABILIZATION: All Exposed Surfaces Of The Embankment And Burrow Areas Shall Be Stabilized By Permanent Seeding And Applying Straw Mulch In Accordance With Standards And Specifications For Soil Erosion And Sediment Control In Urbanizing Areas Immediately After Finish Grading.



* NOTE: Provide Openings On North & South East Sides @ Elev. 235.00. The Depth Of The Openings To Be 0.55'. Top Elev. Of Structure # 22 To Be 236.05.

2-13-80
Date
John M. Nelson
Howard County Soil Conservation Service

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.

2-13-80
Date
Approved: [Signature]
Howard County Soil Conservation District

Plan No. SDP-78-96

CERTIFICATION BY THE ENGINEER
I Certify That The Plans For Small Pond Construction, Soil Erosion And Sediment Control Represent A Practical And Workable Solution For The Site Conditions And That It Was Prepared In Accordance With The Requirements Of The Howard Soil Conservation District. I Have Also Informed The Owner Of His Responsibility To Have The Construction Supervised And Certified By A Registered Professional Engineer Within Thirty (30) Days Of Completion.
Date: [Signature]
BERNARD J. BOVIELSKY [Signature]
Reg. Engineer, No. 88871

CERTIFICATION BY THE DEVELOPER
I Certify That All Development And/Or Construction Will Be Done According To These Plans Of Development And Plans For Ponds And Erosion And Sediment Control And I Also Authorize Periodic On-Site Inspecting By The Howard Soil Conservation District Or Their Authorized Agents, As Are Deemed Necessary. Deviation From This Plan Will Not Be Made Unless Authorized By The Howard Soil Conservation District.
Date: [Signature]
William J. Smith - Pres. PACE, Inc.
Structure Of Developer

APPROVED: For Public Water, Public Sewerage, Storm Drainage, Systems & Roads Department of Public Works.
Director: [Signature] 2-21-80 Date
Chief, Bureau of Engineering: [Signature] 2-26-80 Date

APPROVED: For Public Water And Public Sewerage Systems, Howard County Health Department.
[Signature] 2-26-80 Date

APPROVED: Howard County Office Of Planning And Zoning
[Signature] 2-26-80 Date
Chief, Division Of Land Development: [Signature] 2-26-80 Date

NO.	REVISION	Date	By
1	Relocated Storm Drain System betw. Ex. Inlet & Ex. Str. #21 to Avoid Ex. Underground Utilities - Adjust Top Elev. - Str. Schedule	12-18-79	ESTB

UNI-VERSAL ENGINEERING MANAGEMENT, INC.
ENGINEERS - PLANNERS - SURVEYORS
10 Old Post Office Road
Silver Spring, Maryland 20910
588-0911

BAKER - WENDELL ARCHITECTS
7735 Old Georgetown Road
Bethesda, Maryland 652-4400

STORM DRAIN, ON-SITE WATER & SEWER, STORM WATER MANAGEMENT AND SITE DEVELOPMENT PLAN
Parcel "D"
WHISKEY BOTTOM INDUSTRIAL PARK
SULFORD #6 ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DESIGN: R.B. & M.H.
DRAWN: S.T.D.
CHECKED: B.J.B.
DATE: MARCH 78
SCALE: As Shown
SHEET 8 OF 8
JOB NO. 77-12-444
FILE NO.

* STORM DRAIN REVISIONS ON THIS SHEET APPR. BY DPW 1-30-80

SDP-78-96