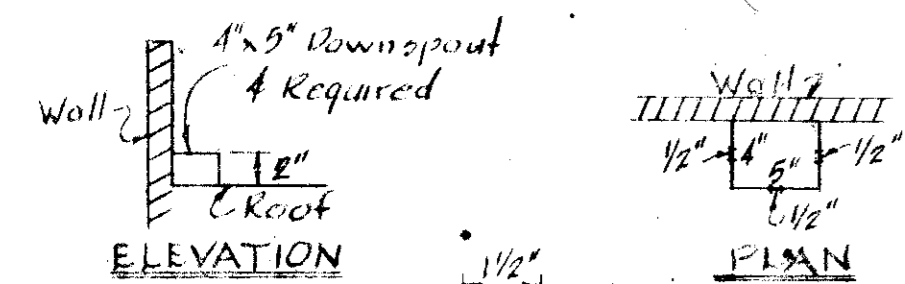
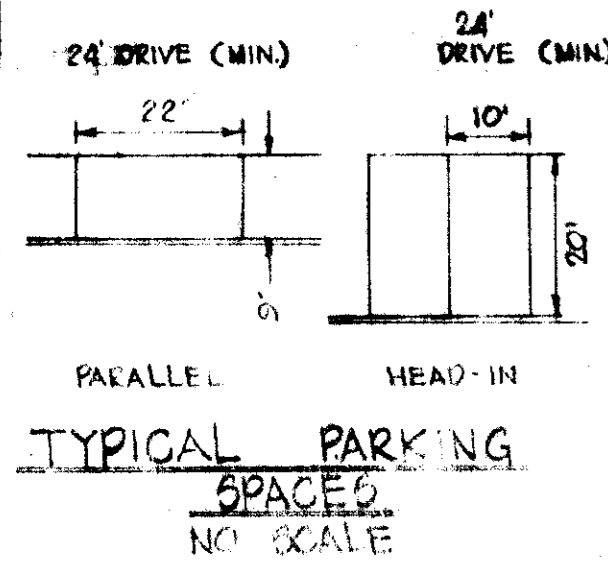


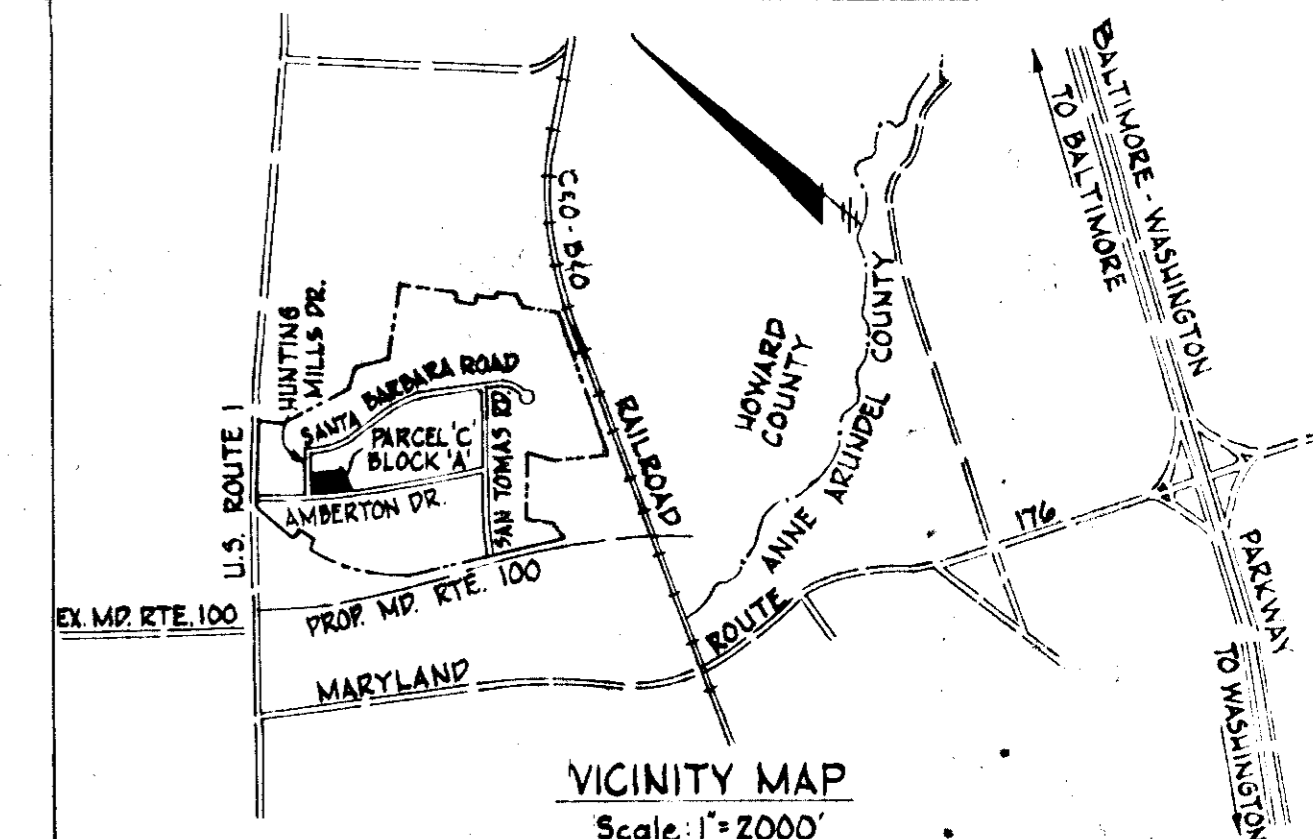
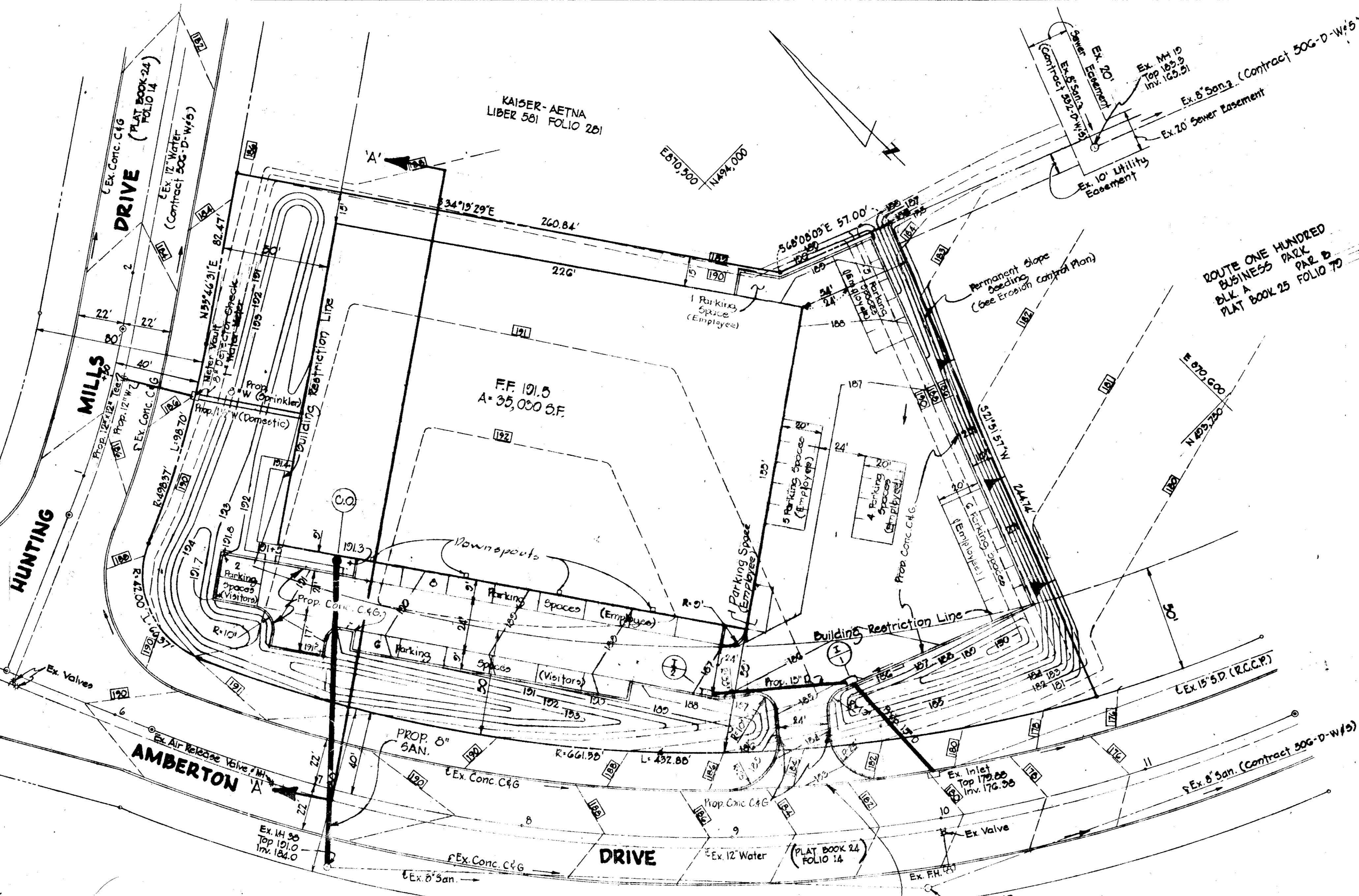
SITE DATA	
TOTAL AREA OF TRACT	2.10 AC.
EXISTING ZONING	M-2
TAX MAP NO.	97
TOTAL PARKING SPACES REQ'D (0.25/sq ft)	25
NO. VISITOR SPACES	5
NO. EMPLOYEE SPACES	0
TOTAL SPACES PROVIDED	50
TOTAL FLOOR AREA	35,000 SF
TOTAL SALES AREA	NONE
TOTAL AVERAGE DAILY TRAFFIC	60



DOWNSPOUT OPENING  
DOWNSPOUT DETAIL  
NO SCALE



TYPICAL PARKING  
SPACED  
NO SCALE



VICINITY MAP  
Scale: 1" = 2000'

**GENERAL NOTES**

- All Disturbed Areas To Be Seeded In Accordance With The Howard Soil Conservation District Approved Soil Erosion Control Plan For This Subject Site.
- The Contractor Is Cautioned That Gas Lines & Telephone Conduit Are In Place Along Amberton Drive Between The Curb Line & The Property Line. The Contractor Shall Notify Both The Baltimore Gas & Electric Co. And C&P Telephone Co. Prior To Starting Work.
- Landscaping Shall Be Done In Accordance To The Landscape Plan.
- All Slopes Shall Be 3:1 Unless Otherwise Indicated.
- Recorded In Plat Book 25 Folio 80 Among The Plat Records Of Howard County, Maryland.

**DEVELOPER'S CERTIFICATE**

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 Onsite 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.

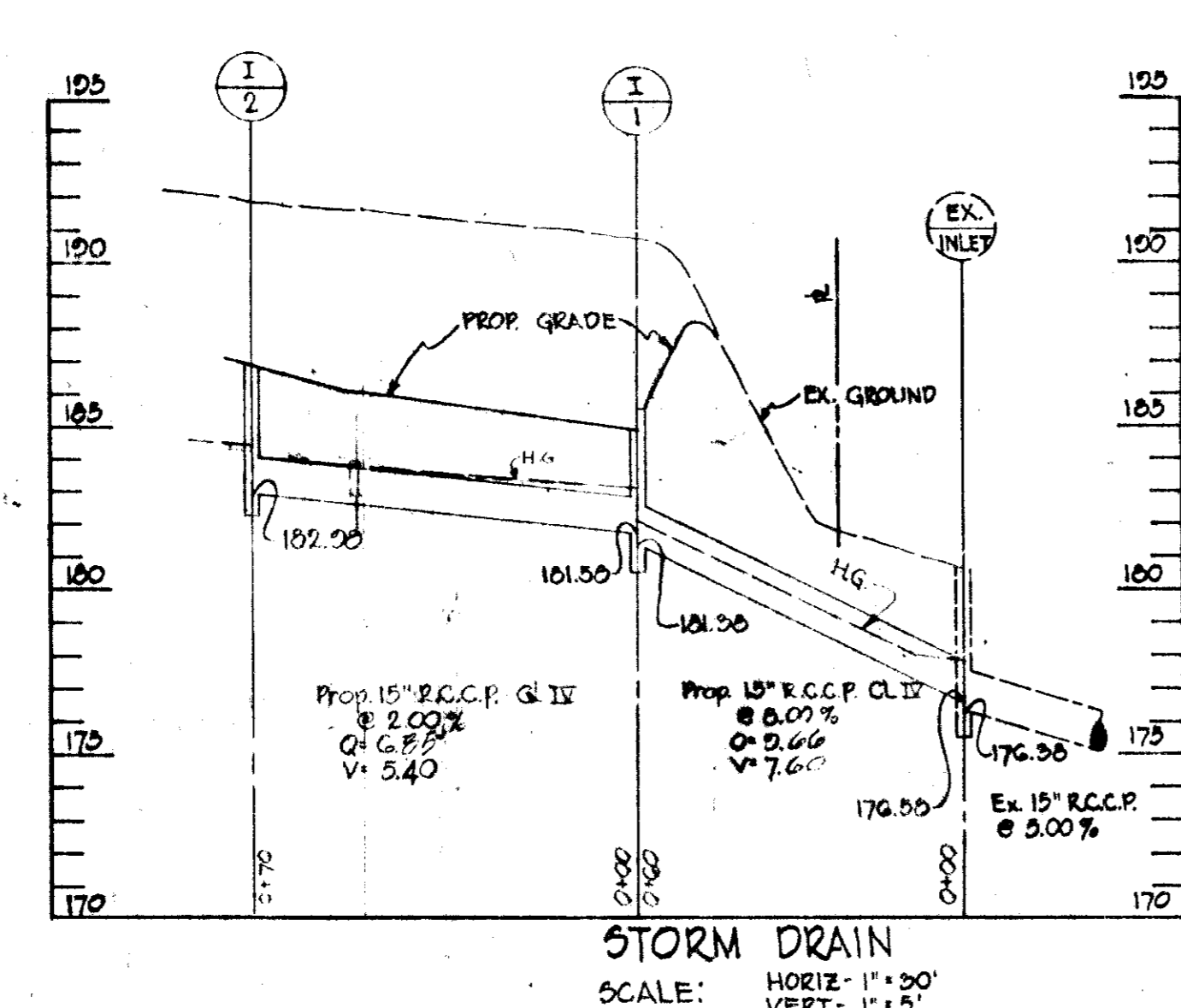
By: *Richard J. Mansueti* July 29, 1973  
Developer's Agent Date

**ENGINEER'S CERTIFICATE**

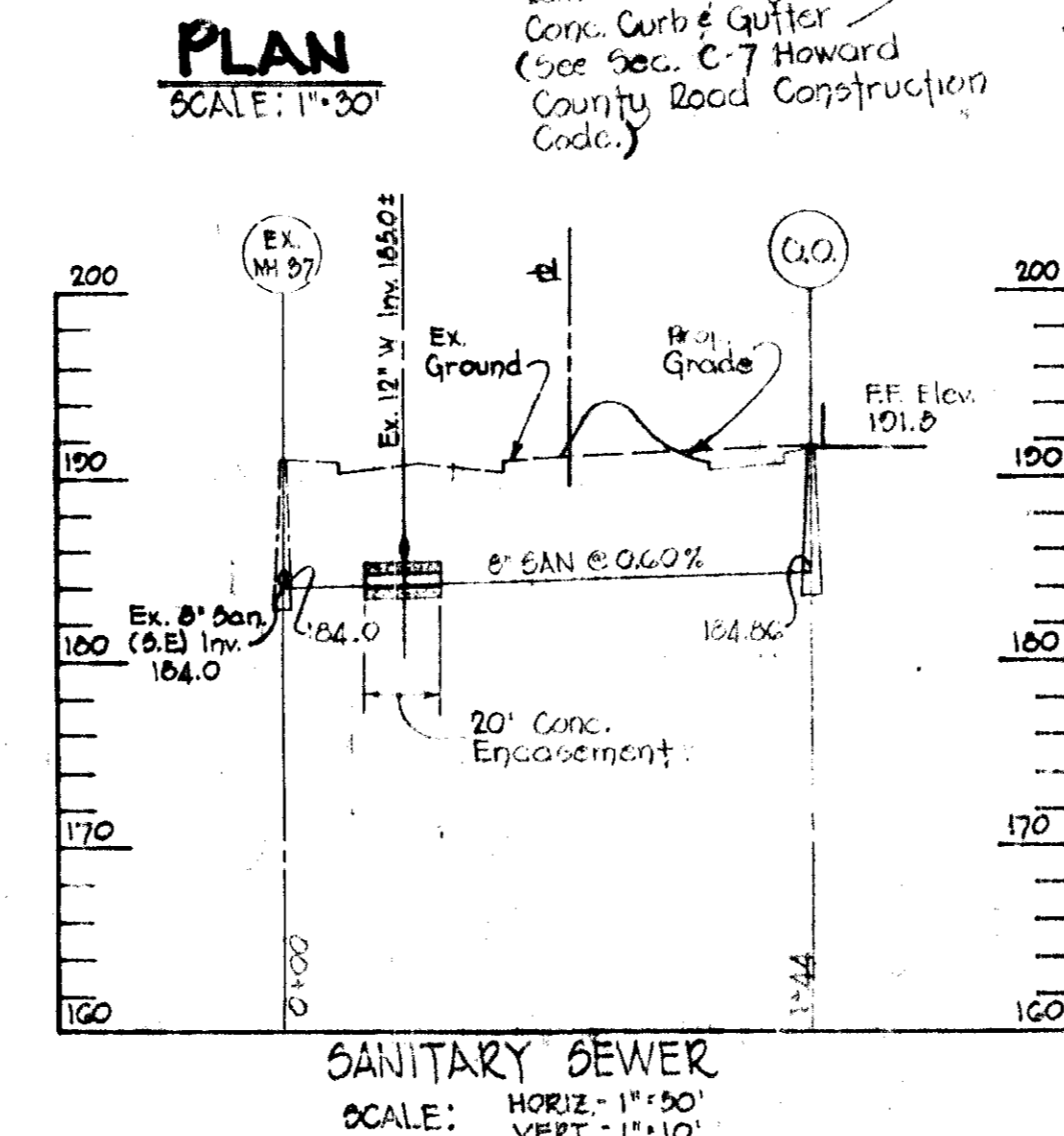
I Certify That This Plan For Erosion And Sediment Control Represents A Practical And Workable Plan Based On My Personal Knowledge Of The Site Conditions And That It Was Prepared In Accordance With The Requirements Of The HOWARD SOIL CONSERVATION DISTRICT.

By: *Alu Schelding* 7/24/73  
Engineer's Signature Reg. No. 2286 Date  
47401

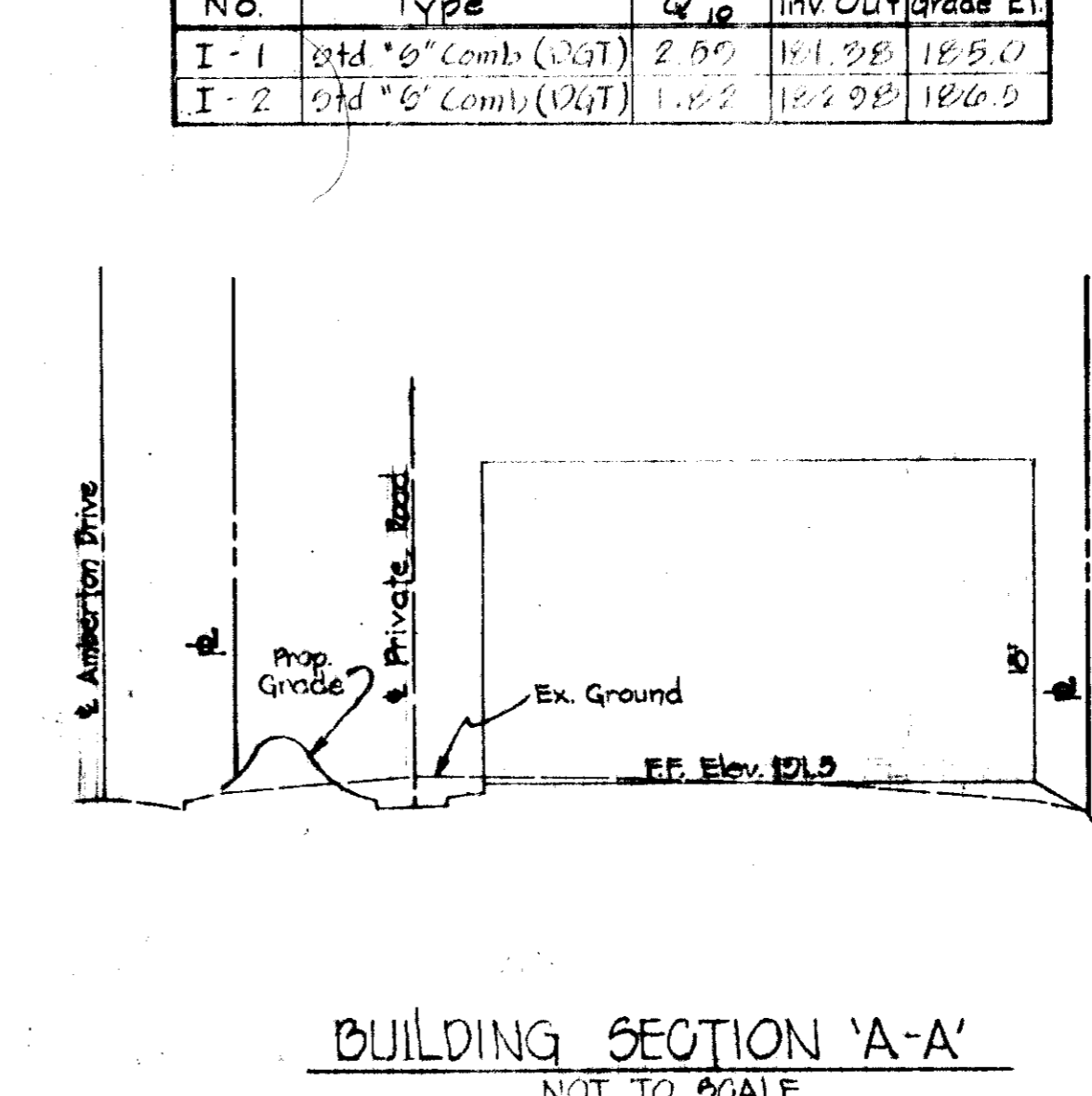
INLET SCHEDULE				
No.	Type	Q <sub>10</sub>	Inv. Out	Grade El.
I-1	24" x 6" Comb (V&T)	2.67	174.28	185.0
I-2	24" x 6" Comb (V&T)	1.82	174.92	186.5



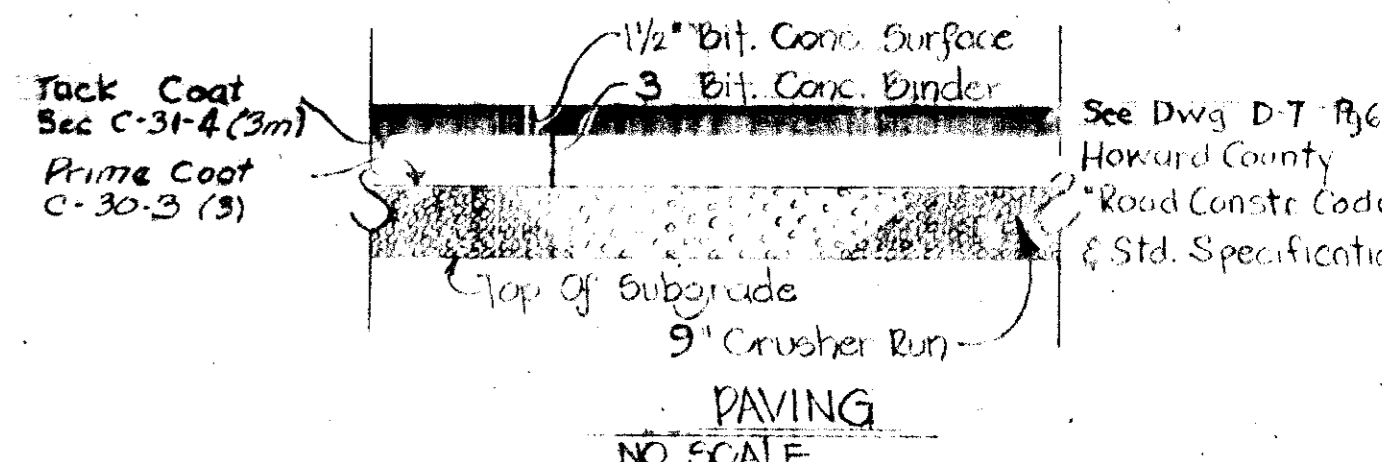
STORM DRAIN  
SCALE: HORIZ. 1" = 20'  
VERT. 1" = 5'



SANITARY SEWER  
SCALE: HORIZ. 1" = 20'  
VERT. 1" = 10'



BUILDING SECTION 'A-A'  
NOT TO SCALE



PAVING  
NO SCALE

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE: Oct. 15, 1973  
*JWC*

FINAL SITE DEVELOPMENT PLAN  
V&W SCIENTIFIC BUILDING  
PARCEL 'C'  
BLOCK 'A'  
**ROUTE ONE HUNDRED  
BUSINESS PARK**  
ELECTION DIST. NO. 1 HOWARD CO.  
SCALE AS SHOWN JULY 10, 1973

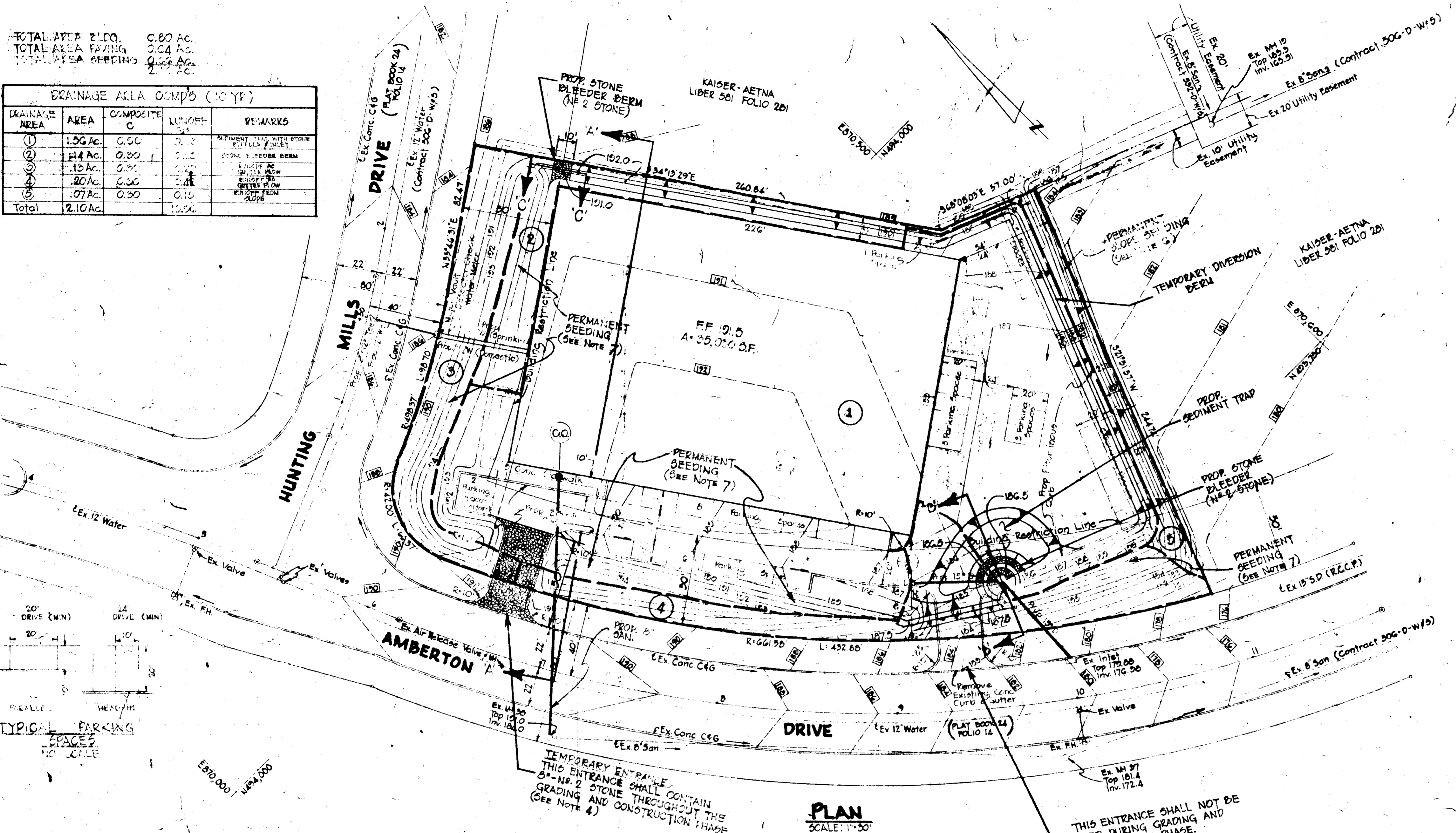
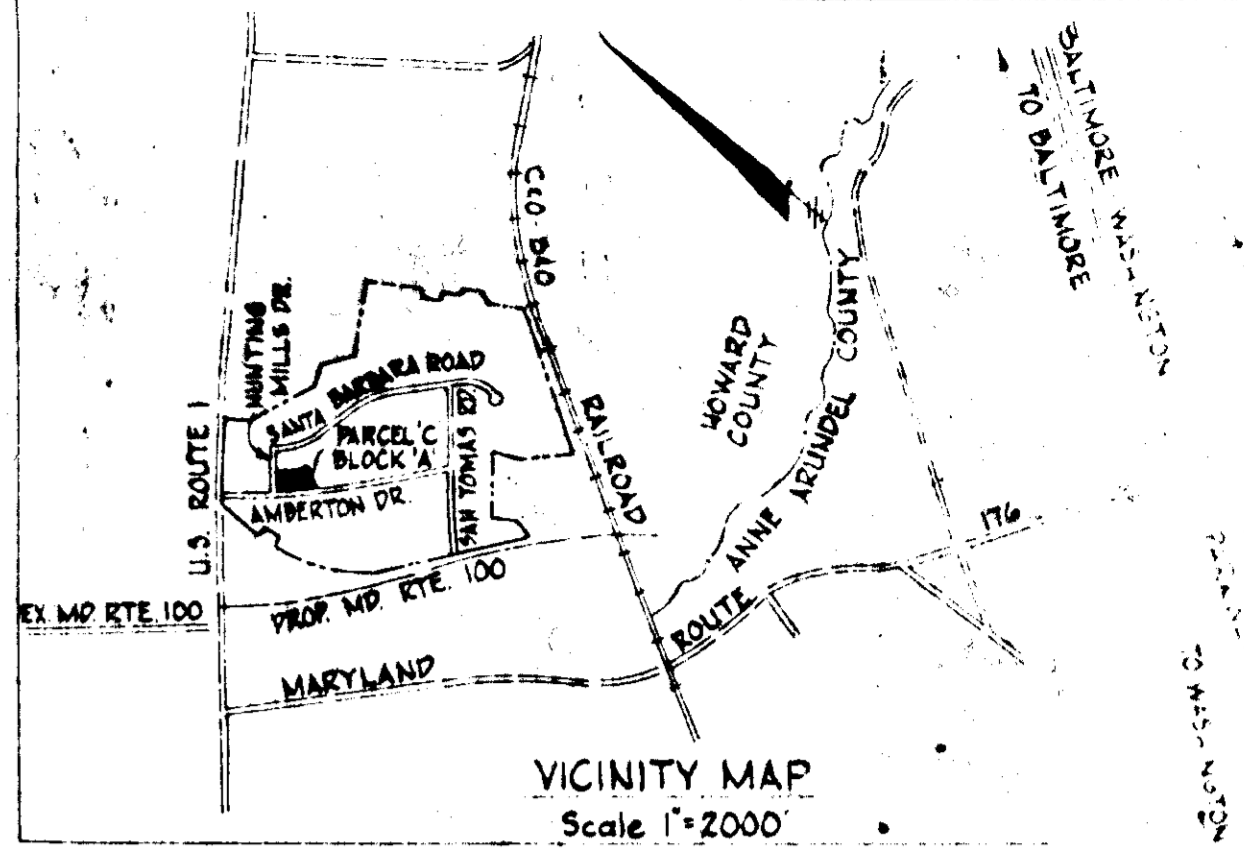
**HOWARD SOIL CONSERVATION DISTRICT**  
This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District  
Approved: *Robert J. Ziehn* 11-23-73  
Howard Soil Conservation District Date  
Reviewed for: **Howard** S.C.D.  
Name and meets technical requirements.  
Signature: *James M. Hlebs* 10-28-73  
U.S. Soil Conservation Service Date  
APPROVED: For Public Water And Public Sewerage Systems, Howard Co. Health Dept.  
*John J. Grogan* 11/1/73  
County Health Officer Date  
APPROVED: Howard Co. Office of Planning & Zoning  
*Thomas A. Manning* 11-2-73  
Planning Director Date  
*J.H. Clawson* 11/2/73  
Chief, Div. of Planning and Dev. Date  
APPROVED: For Public Water, Public Sewerage And Storm Drainage Systems And Roads, Howard County Department Of Public Works  
*William A. O'Brien* 10/24/73  
Director Date  
*J. H. Mansueti* 10/24/73  
Chief, Bureau Of Highways Date

ENGINEERS:  
George W. Stephens Jr & Assoc. Inc.  
303 Allegheny Ave.  
Towson, Maryland  
21204  
Professional Engineer  
*George W. Stephens Jr* 11/24/73  
4402 Reg No. Date

OWNER / DEVELOPER  
DORSEY ASSOCIATED  
% MANEKIN CORPORATION  
2 HOPKINS PLAZA  
BALTIMORE, MD. 21201

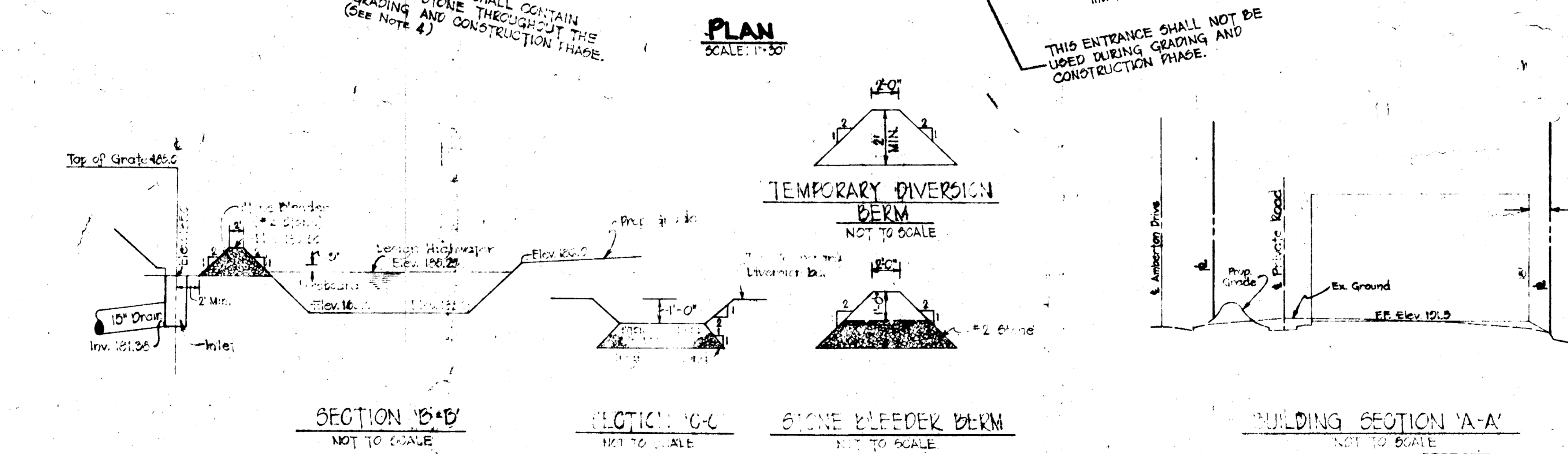
TOTAL AREA BLDG. 0.80 AC.  
 TOTAL AREA PAVING 0.24 AC.  
 TOTAL AREA SEEDING 0.66 AC.  
 TOTAL AC. 1.70 AC.

DRAINAGE AREA COMPS (10 YR)				
DRAINAGE AREA	AREA	COMPOSITE C	LUNOFF	RE-MARKS
1	1.56 AC.	0.50	0.2	PERMANENT SEEDING WITH STORM FLOW INLET
2	0.14 AC.	0.50	0.02	STONE BLEEDER BERM
3	0.13 AC.	0.50	0.02	STONE BLEEDER BERM
4	0.20 AC.	0.50	0.04	PERMANENT SEEDING WITH STORM FLOW INLET
5	0.07 AC.	0.50	0.01	PERMANENT SEEDING WITH STORM FLOW INLET
Total	2.10 AC.		0.32	



- GENERAL NOTES**
- The Inlet 1-1 and 1-2 are to be installed prior to starting the construction. Ex. Inlet shall be constructed prior to starting the construction.
  - Contractor to install sediment trap at location shown. Plan and to maintain maintenance of same until final grading has been established.
  - TEMPORARY DIVERSION: Temporary grading shall be in place as required to avoid erosion of water.
  - CONSTRUCTION ENTRANCE: The construction entrance shall be located to the east of the building. The entrance shall be a minimum of 10 feet wide and shall be no less than 20 feet from the building. The gravel shall be scarified and/or topped with 1/2 inch gravel whenever it shall become ineffective in retaining earth materials from the tires of vehicles leaving the site. Temporary diversion berms shall be in place prior to the start of each day's work.
  - PERMANENT SLOPE SEEDING: Seed shall be a mixture of 80% inoculated ryegrass and 20% Kentucky 31 Tall Fescue. Applied at a rate of 60# per acre. Fertilizer of an analysis 5-10-10 shall be used and applied at a rate of 25# per acre. 1000 S.F. Lime shall be applied at a rate of 50# per acre. Uniformly Mulch Area with Unweathered Small Gravel (Preferably White) at a rate of 1/2 ton per acre. Mulch to be down using Liquid Asphalt Rapid Curing (RC-70, RC-250 or RC-800) at a rate of 2 1/2 gal/sq. ft.
  - PERMANENT SEEDING: Seed shall be a mixture of 80% inoculated ryegrass and 20% Kentucky 31 Tall Fescue. Applied at a rate of 60# per acre. Fertilizer of an analysis 5-10-10 shall be used and applied at a rate of 25# per acre. 1000 S.F. Lime shall be applied at a rate of 50# per acre. Uniformly Mulch Area with Unweathered Small Gravel (Preferably White) at a rate of 1/2 ton per acre. Mulch to be down using Liquid Asphalt Rapid Curing (RC-70, RC-250, or RC-800) at a rate of 2 1/2 gal/sq. ft.
  - STORM WATER MANAGEMENT: The rainfall from a 2 yr. 24 hr. storm shall be retained on site and not allowed to run off immediately. Retention shall be 0.8 acre ft. or 0.25 cfs. Stone Bleeder Berm-214 Ac. 0.25 cfs. (See Note 2)

**HOWARD SOIL CONSERVATION DISTRICT**  
 This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District  
 Approved: *Robert J. Zimm* 10-23-73  
 Name: Howard Soil Conservation District Date: 10-23-73  
 Reviewed for: *Howard* SCP  
 Name and meets technical requirements  
 Signature: *Janet M. Hehn* 11-23-73  
 U.S. Soil Conservation Service Date: 11-23-73  
 APPROVED For Public Water And Public Sewerage Systems: *Howard Co. Health Dept* 11/1/73  
 County Health Officer Date: 11/1/73  
 APPROVED: Howard Co. Office of Planning & Zoning  
 Planning Director: *Thomas J. Hamop* 11-2-73  
 Chief, Div. of Land Dev. Date: 11/2/73  
 APPROVED For Public Water, Public Sewerage And Storm Drainage Systems And Roads: Howard County Department of Public Works  
 Director: *William A. Aik* 10/24/73  
 Chief, Bureau of Highways Date: 10/24/73



**DEVELOPER'S CERTIFICATE**  
 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 the period onsite inspection by the HOWARD SOIL CONSERVATION DISTRICT, or their authorized agents, to be made necessary deviation from this plan will not be made unless authorized by the HOWARD SOIL CONSERVATION DISTRICT.  
 By: *George W. Stephens Jr.* 10/15/73  
 Developer's Agent

**ENGINEER'S CERTIFICATE**  
 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.  
 By: *George W. Stephens Jr.* 10/15/73  
 Engineer's Signature: *George W. Stephens Jr.* Reg. No. 4407 Date: 10/15/73

**ENGINEERS**  
 George W. Stephens Jr. & Assoc. Inc.  
 303 Allegheny Ave.  
 Towson, Maryland  
 21204

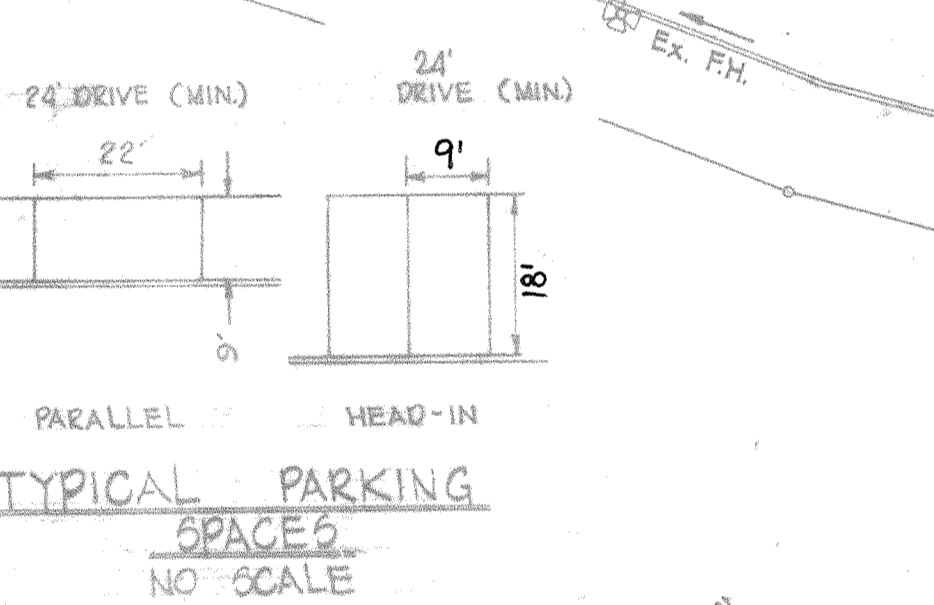
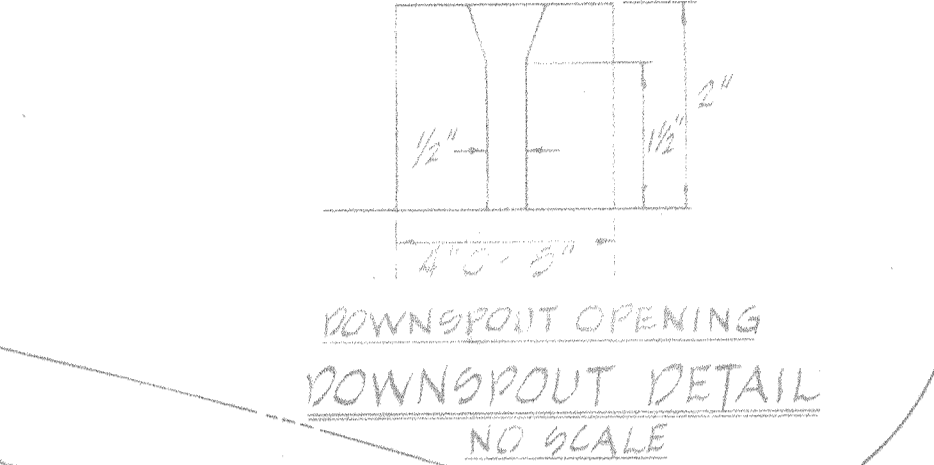
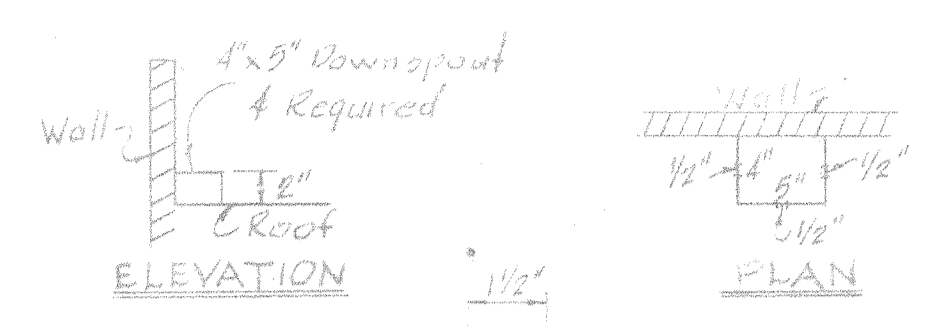
**OWNER/DEVELOPER**  
 DORSEY ASSOCIATED  
 16 MANEKIN CORPORATION  
 2 HOPKIN PLAZA  
 BALTIMORE, MD. 21201

**APPROVED**  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE: 10/15/73  
*J. A. [Signature]*

**EROSION CONTROL PLAN**  
 VWR SCIENTIFIC BUILDING  
 PARCEL 'C' BLOCK 'A'  
**ROUTE ONE HUNDRED BUSINESS PARK**  
 ELECTION DIST. NO. 1 HOWARD CO.  
 SCALE AS SHOWN JULY 10, 1973

**SITE DATA**

TOTAL AREA OF TRACT	210 Ac.±
EXISTING ZONING	M-2
TAX MAP NO.	37
TOTAL PARKING SPACES REQ'D	SEE $\Delta$
NO. VISITOR SPACES	19
NO. EMPLOYEE SPACES	26
TOTAL SPACES PROVIDED	39,075 SF.
TOTAL FLOOR AREA	NONE
TOTAL SALES AREA	NONE
TOTAL AVERAGE DAILY TRAFFIC	60



**HOWARD SOIL CONSERVATION DISTRICT**

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District

Approved: *Robert W. Ziehm* 11-23-73  
Howard Soil Conservation District Date

Reviewed for Howard S.C.D. Name and meets technical requirements.

Signature: *James M. Klehn* 10-28-73  
U.S. Soil Conservation Service Date

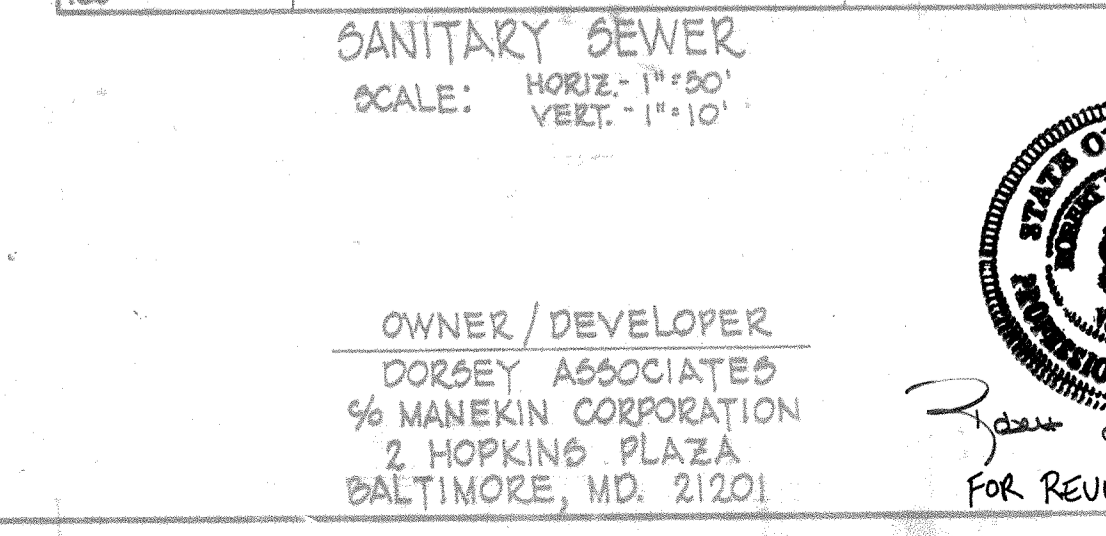
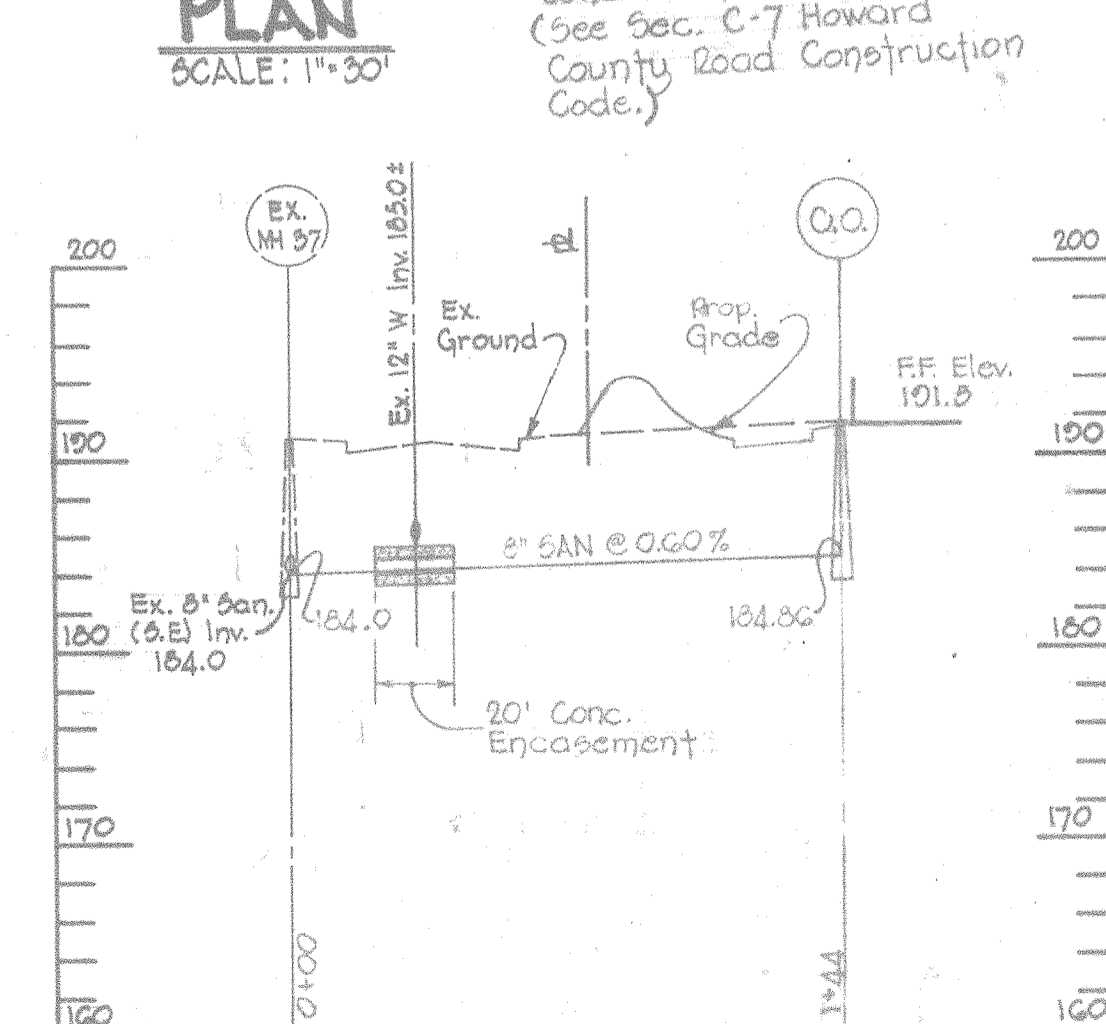
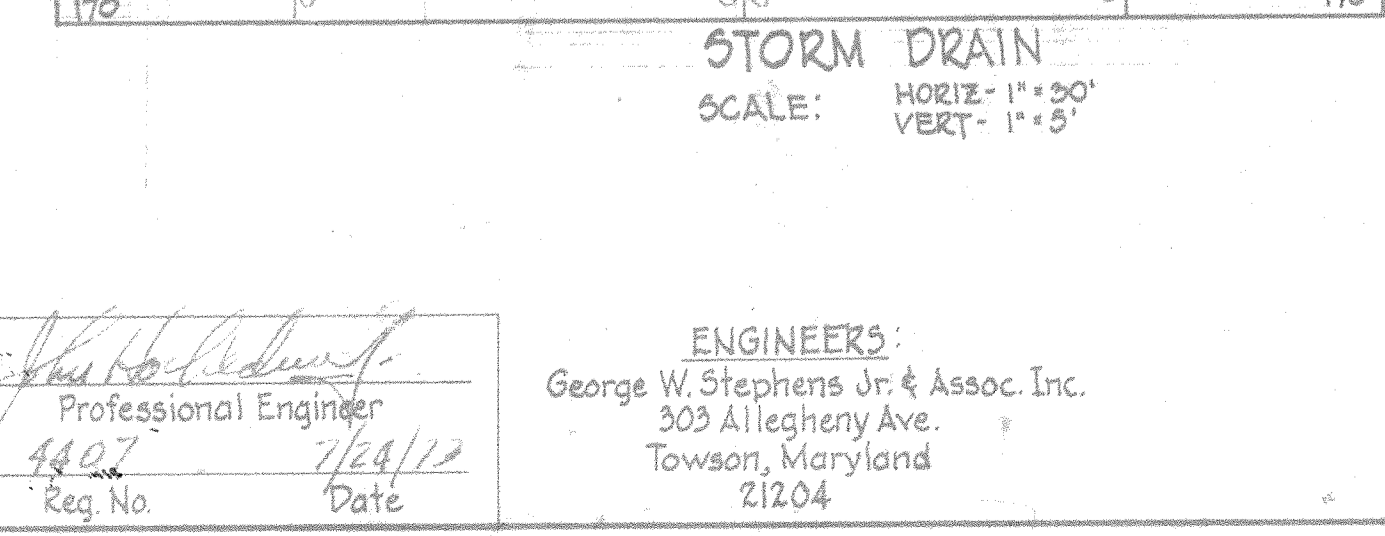
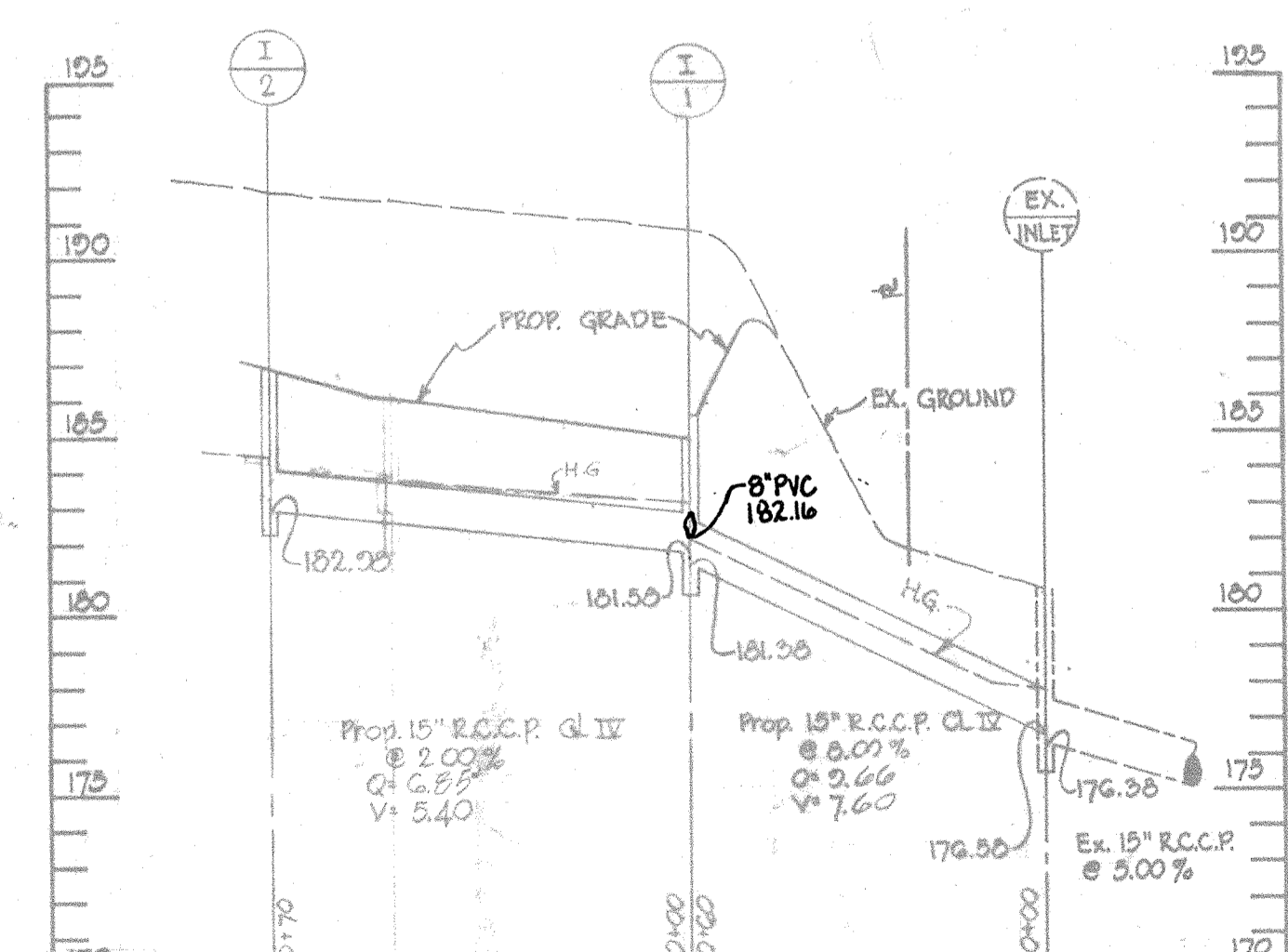
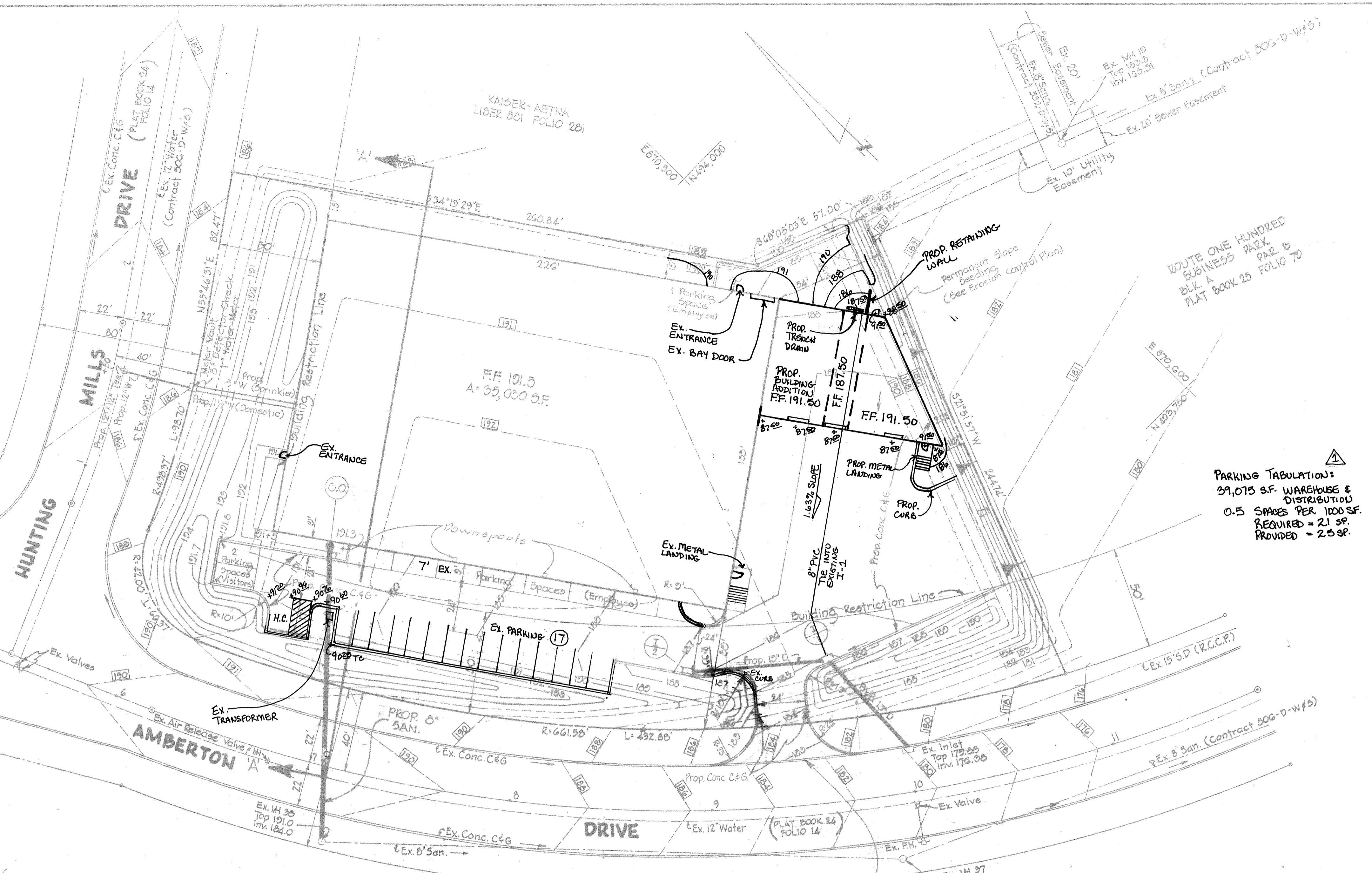
APPROVED: For Public Water And Public Sewerage Systems: Howard Co. Health Dept.  
*George W. Stephens* 11/1/73  
County Health Officer Date

APPROVED: Howard Co. Office of Planning & Zoning  
*Thomas B. Hawkins* 11-2-73  
Planning Director Date

*J.H. Clowson* 11/2/73  
Chief, Div. Of Land Dev. Date

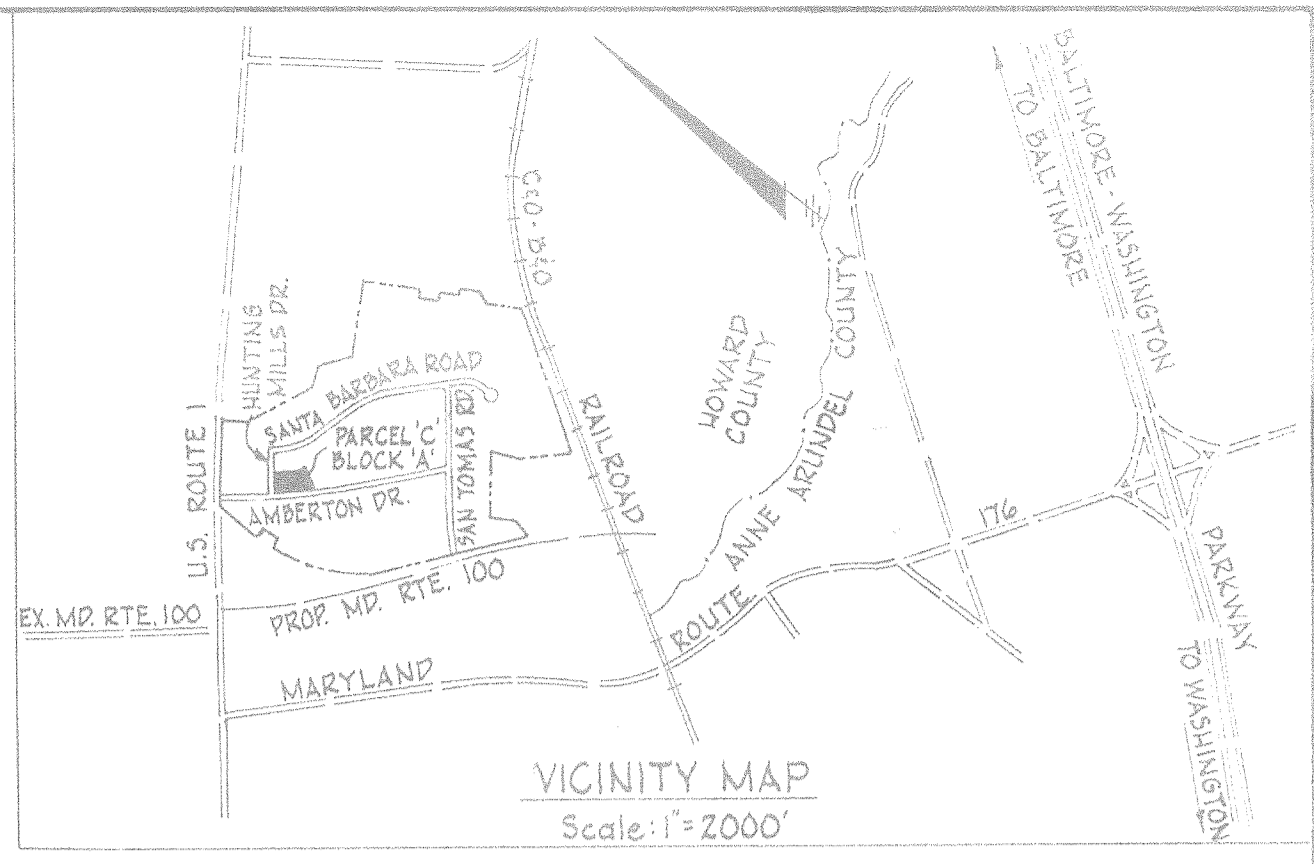
APPROVED: For Public Water, Public Sewerage And Storm Drainage Systems And Roads: Howard County Department Of Public Works.  
*William A. Altman* 10/26/73  
Director Date

*D. N. McNeenand* 10/24/73  
Chief, Bureau Of Highways Date



**INLET SCHEDULE**

No.	Type	Q <sub>10</sub>	Inv. Out	Grade El.
I-1	Std. 8" Comb (VGT)	2.57	181.38	185.0
I-2	Std. 8" Comb (VGT)	1.82	182.98	186.5



- GENERAL NOTES**
- All Disturbed Areas To Be Seeded In Accordance With The Howard Soil Conservation District Approved Soil Erosion Control Plan For This Subject Site.
  - The Contractor Is Cautioned That Gas Lines & Telephone Conduit Are In Place Along Amberton Drive Between The Curb Line & The Property Line. The Contractor Shall Notify Both The Baltimore Gas & Electric Co. And C.C.P. Telephone Co. Prior To Starting Work.
  - Landscaping Shall Be Done In Accordance To The Landscape Plan.
  - All Slopes Shall Be 3:1 Unless Otherwise Indicated.
  - Recorded In Plat Book 25 Folio 80 Among The Plat Records Of Howard County, Maryland.
  - All Storm Runoff Goes INTO THE EX. STORM DRAIN SYSTEM VIA AN 8" PVC. NO WATER PERMITTED TO DRAIN ONTO ADJACENT PROPERTY.

**DEVELOPER'S CERTIFICATE**

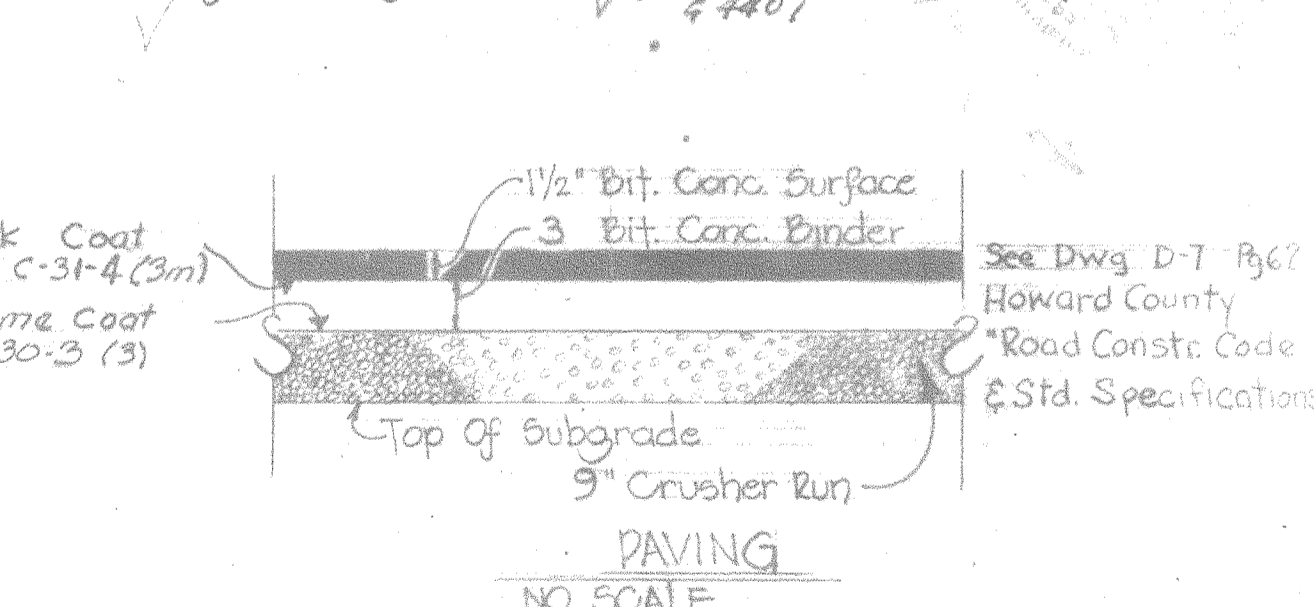
I Certify That All Development And/Or Construction Will Be Done According To This Plan Of Development And Plan For Erosion And Sediment Control, And I Also Authorize Periodic Onsite Inspection By The HOWARD SOIL CONSERVATION DISTRICT, Or Their Authorized Agents, As Are Deemed Necessary. Deviation From This Plan Will Not Be Made Unless Authorized By The HOWARD SOIL CONSERVATION DISTRICT.

By: *Richard J. Houshan* 7/20/73  
Developer's Agent Date

**ENGINEER'S CERTIFICATE**

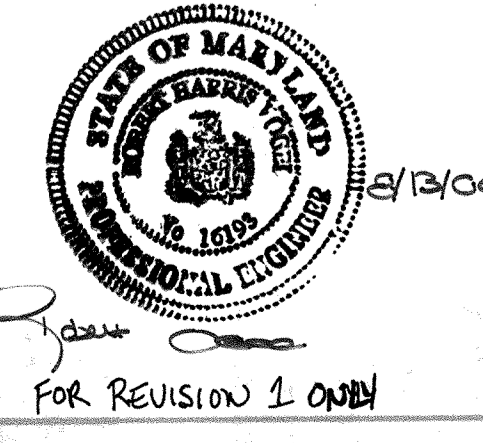
I Certify That This Plan For Erosion And Sediment Control Represents A Practical And Workable Plan Based On My Personal Knowledge Of The Site Conditions And That It Was Prepared In Accordance With The Requirements Of The HOWARD SOIL CONSERVATION DISTRICT.

Signature: *Alan Scheldorf* 7/21/73  
Reg. No. 2386 24401 Date



APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE Oct 15, 1973

FINAL SITE DEVELOPMENT PLAN  
VW2 SCIENTIFIC BUILDING  
PARCEL 'C' BLOCK 'A'  
**ROUTE ONE HUNDRED  
BUSINESS PARK**  
ELECTION DIST. NO. 1 HOWARD CO.  
SCALE AS SHOWN JULY 10, 1973



**OWNER / DEVELOPER**  
DORSEY ASSOCIATES  
% MANEKIN CORPORATION  
2 HOPKINS PLAZA  
BALTIMORE, MD. 21201

NO.	REVISION	DATE
1	PARKING AND BUILDING ADDITION	8/13/04

