

No.	Type	Inv. In.	Inv. Out.	Top Elev.	Remarks
5-1	Riser Structure	224.70	224.05	227.80	See Detail - Sheet 3 of 4
5-2	Junction Chamber	231.71	231.79	241.79	See Ho Co Std. 5D.112

**OWNER / DEVELOPER**  
**ACME PAPER & SUPPLY CO., INC.**  
 8225 SANDY COURT  
 SAVAGE, MARYLAND 20763

**APPROVED:** For Public Water and Public Sewerage Systems.  
 Howard County Health Department  
*[Signature]* 5/18/85  
 County Health Officer

**APPROVED:** Howard County Department of Planning and Zoning.  
*[Signature]* 5/18/85  
 Planning Director  
 Chief, Division of Land Development and Zoning Administration

**APPROVED:** For Public Water and Public Sewerage, Storm Drainage Systems and Public Roads.  
 Howard County Department of Public Works  
*[Signature]* 5-18-85  
 Director  
 Chief, Bureau of Engineering

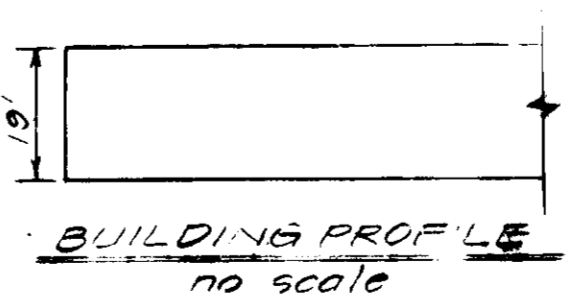
These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.  
*[Signature]* May 3 1985  
 U.S. Soil Conservation Service

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.  
*[Signature]* 4/25/85  
 Howard Soil Conservation District

**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 must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."  
*[Signature]* 4/25/85  
 Signature of Engineer  
 RODOLPH L. MAY, JR.

**DEVELOPER'S CERTIFICATE**  
 "I 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 Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."  
*[Signature]* 4/25/85  
 Signature of Developer  
 RONALD ATTMAN

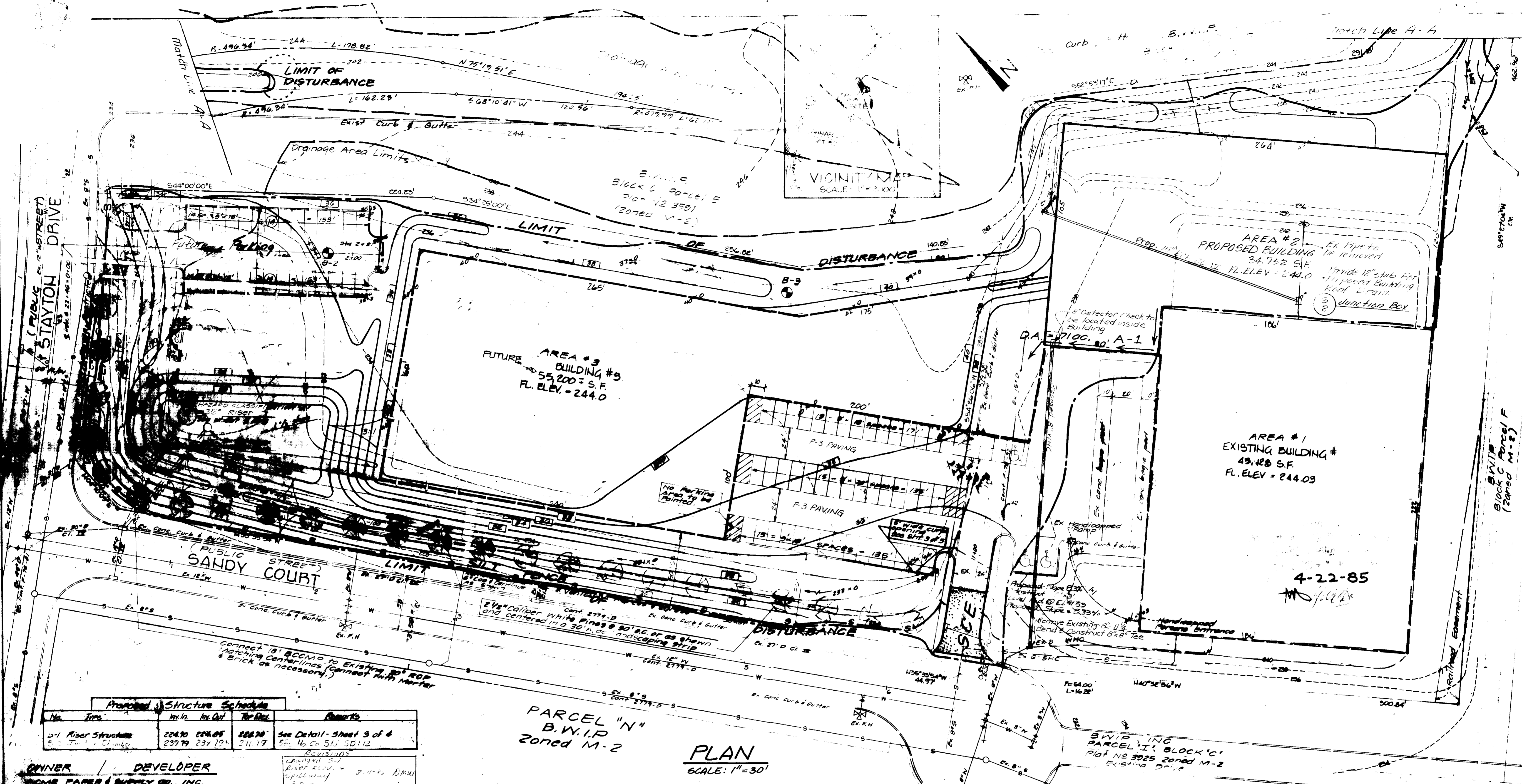
SUBDIVISION NAME B.W.I.P.	SECTION/AREA BLOCK I	LOT/PARCEL # "D"
PLAT # 3026	BLOCK # I	ZONING M-2
TAX MAP 48	ELEC. DIST. GTH	CENSUS 606A
WATER CODE	SEWER CODE	
ADDRESS CHART		
LOT NUMBER PARCEL "D"	STREET ADDRESS 8225 SANDY COURT	



- General Notes**
- Area of Site = 6.84 Ac.
  - Existing Zoning of Site = M-2
  - Deed References 1320/119 F, AND 1320/117 D
  - Public Water and Sewer Available at the Site.
  - Tax Map 48, Block 7, Parcels D & E
  - Site Analysis: Required Open Space = 1.37 Ac.  
 Provided Open Space = 40% of 2.74 Ac.  
 Building Coverage = 43% or 3,078 Ac.
  - Parking Provided: Permanent Office Employees = 25  
 Temporary Office Employees = 10  
 Total Office Employees = 35  
 (7 spaces per 10 Employees) = 245  
 759 square foot showrooms space = 1 space per 200 square foot = 4  
 Warehouse and Truck Drivers = 1 space per 2 Employees = 17  
 Visitors Parking = 10  
 Total Required Parking = 286  
 Total Provided Parking = 286  
 The contractor or developer shall contact the Construction Inspection/Survey Division, 24 hours in advance of commencement of work, at 792-7272.
  - Hazard Classification is "A".

DESIGNED MJP	<b>"BUILDING ADDITION TO SDP-78-92"</b>		SCALE AS SHOWN
DRAWN LWC	<b>SITE DEVELOPMENT PLAN WAREHOUSE ADDITION</b>		SHEET NO. 1 OF 5
CHECKED MJP	<b>ACME PAPER &amp; SUPPLY CO., INC.</b>		JOB NO. 140
DATE Mar 12 1985	SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		FILE NO. 140-82-1 OF 5
	FOR: ACME PAPER & SUPPLY CO., INC. 8225 SANDY COURT SAVAGE, MARYLAND 20763		

<b>EVANS, HAGAN &amp; HOLDEFER, INC.</b>		<b>ENGINEERS, LAND PLANNERS &amp; SURVEYORS</b>	
DATE	REVISION	DATE	SCALE AS SHOWN
DESIGNED BY: E.H.H. CHECKED BY: E.H.H. DRAWN BY: LWC CHECKED BY: MJP Drwg. No.		8013 BELAIR ROAD 503 POPLAR STREET 111 JOHN STREET BETHESDA, MD 20814 BOSTON, MA 02111 WASHINGTON, DC 20007 <i>[Signature]</i> DATE: 4/25/85	



**Proposed Structure Schedule**

No.	Type	Inv. No.	Inv. Out.	Remarks
2-1	Riser Structure	224.70	224.05	See Detail - Sheet 3 of 4
2-2	3" Dia. Chamber	239.79	237.79	See No. Co. 543 SD112

**OWNER / DEVELOPER**  
**ACME PAPER & SUPPLY CO., INC.**  
 820 SANDY COURT  
 SAVAGE, MARYLAND 20785

**APPROVED:** For Public Water and Public Sewerage Systems.  
 Howard County Health Department  
 County Health Officer: *[Signature]* Date: 5/1/85

**APPROVED:** Howard County Department of Planning and Zoning  
 Planning Director: *[Signature]* Date: 5-15-85  
 Chief, Division of Land Development and Zoning Administration: *[Signature]* Date: 5-15-85

**APPROVED:** For Public Water and Public Sewerage, Storm Drainage Systems and Public Roads.  
 Howard County Department of Public Works  
 Director: *[Signature]* Date: 5-9-85  
 Chief, Bureau of Engineering: *[Signature]* Date: 5-2-85

These plans have been reviewed for the Howard Soil Conservation District and meet the regulatory requirements for small pond construction, soil erosion and sediment control.  
 Howard Soil Conservation District: *[Signature]* Date: May 3, 1985

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.  
 Howard Soil Conservation District: *[Signature]* Date: 2/20/85

**DEVELOPER'S CERTIFICATE**  
 "I 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 Natural Resources approved Training Program for the Control of Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."  
 Signature of Developer: *[Signature]* Date: 5/1/85

**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 must provide the Howard Soil Conservation District with an "as-built" plan of the pond within 30 days of completion."  
 Signature of Engineer: *[Signature]* Date: 5/1/85

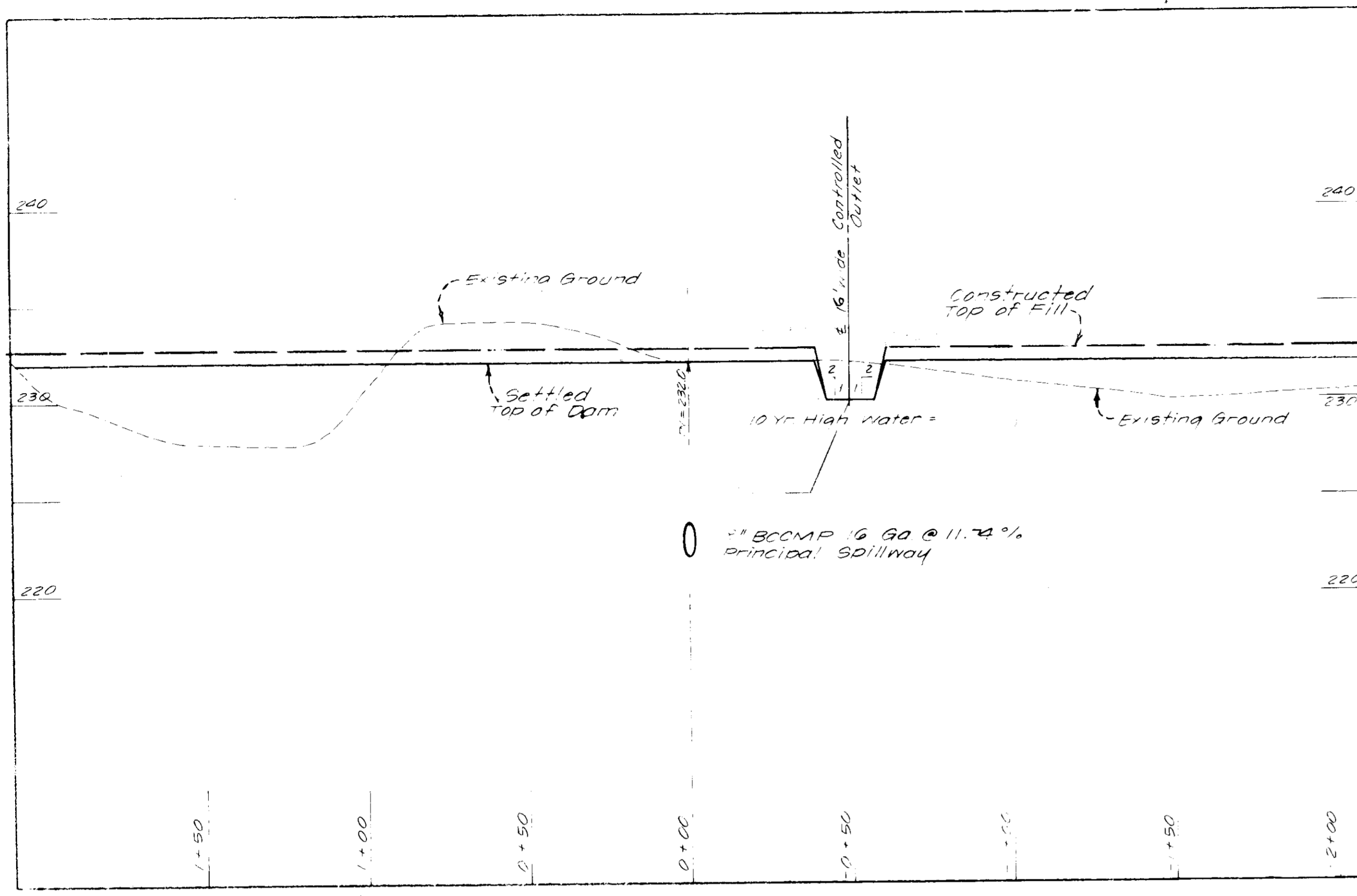
**PLAN**  
 SCALE: 1"=30'

OWNER'S NAME B.W.I.P.	SECTION/AREA BLOCK I	LOT/PARCEL 48
PLAT # 3926	BLOCK # I	ZONING A-2
TAX MAP/REC DIST 677	CENSUS 6064	SEWER CODE
WATER CODE	ADDRESS CHART	LOT NUMBER PARCEL D
STREET ADDRESS 8215 SANDY COURT		

- Sequence of Construction**
1. Notify Howard County Bureau of Inspection & Permits at least 24 hours before starting any work.
  2. Construct all sediment control measures as shown. Clean and/or repair as necessary the existing sediment basin. "Limits of Disturbance" noted on plan shall be inside along property line. Remove 18" SD and install new 18" SD. Regrade and construct parking areas to subgrade, maintaining positive flow to basin from all areas.
  3. Upon sediment control inspectors approval, convert existing sediment basin to storm water management design by regrading the existing basin as shown and replacing the existing 42" riser and 30" barrel with the proposed 18" riser and 18" barrel. Remove all sediment control devices. Stabilize all remaining disturbed areas.
  4. Construct storm drain system. Inlet openings to be blocked and remain so until all contributing areas have been stabilized. Construct water and sewer house connections. Construct all remaining utilities.
  5. Construct proposed warehouse building.
  6. Construct concrete curb and gutter.
  7. Fine grade site. Construct fire lanes. Construct final paving. Stabilize all disturbed areas.

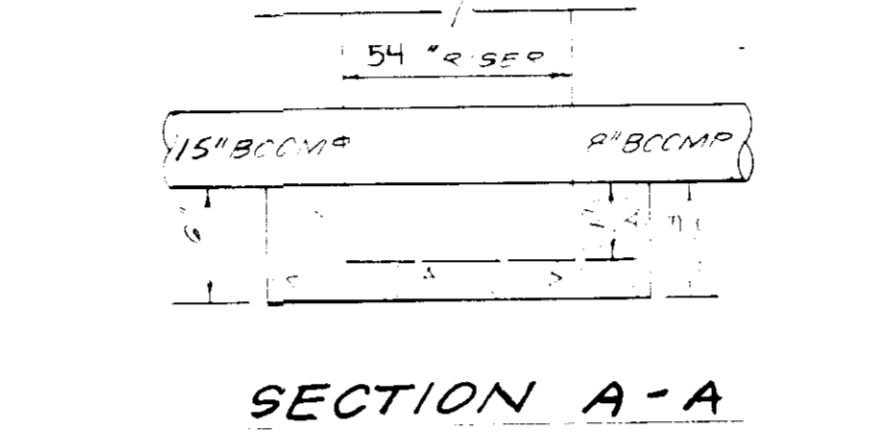
**"BUILDING ADDITION TO 802-78-02"**  
**SEDIMENT CONTROL PLAN**  
 AS SHOWN  
 WAREHOUSE ADDITION  
 ACME PAPER & SUPPLY CO., INC.  
 B.W.I.P. BLOCK 'C', PARCELS D & E OF B  
 Sixth Election District  
 Howard County, Maryland  
 ACME PAPER & SUPPLY CO., INC.  
 820 SANDY COURT  
 SAVAGE, MARYLAND 20785  
 SHEET NO. 140  
 FILE NO. 120-02-2 OF 5  
 DATE: MAY 12 1985

**EVANS HAGAN & HOLDEFER INC.**  
 ENGINEERS, LAND PLANNERS & SURVEYORS  
 DATE: \_\_\_\_\_  
 DRAWN BY: *[Signature]*  
 CHECKED BY: *[Signature]*  
 M.P.P.  
 DATE: \_\_\_\_\_  
 SCALE: AS SHOWN

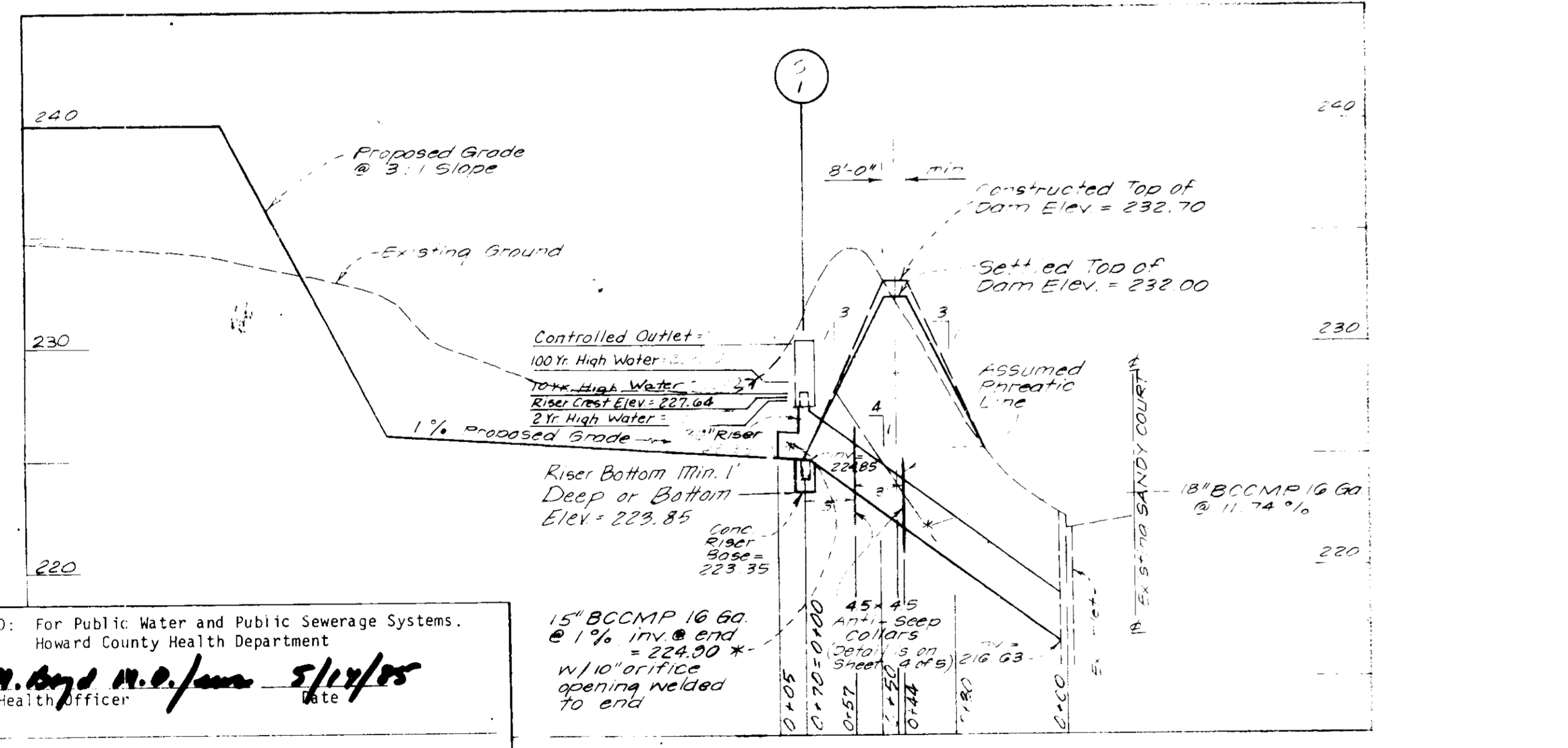
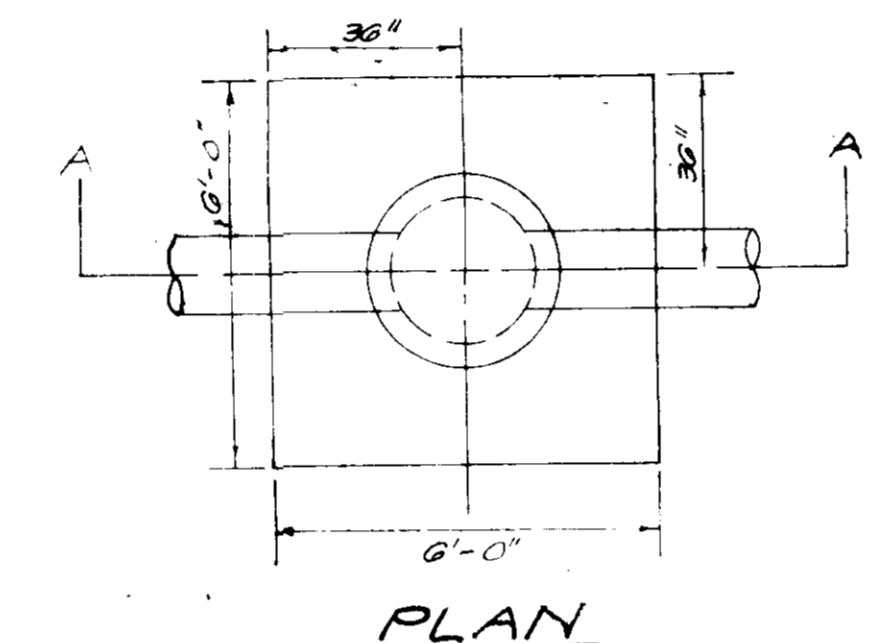


PROFILE: SECTION ALONG E OF DAM  
SCALE: Horizontal - 1" = 30'  
Vertical - 1" = 5'

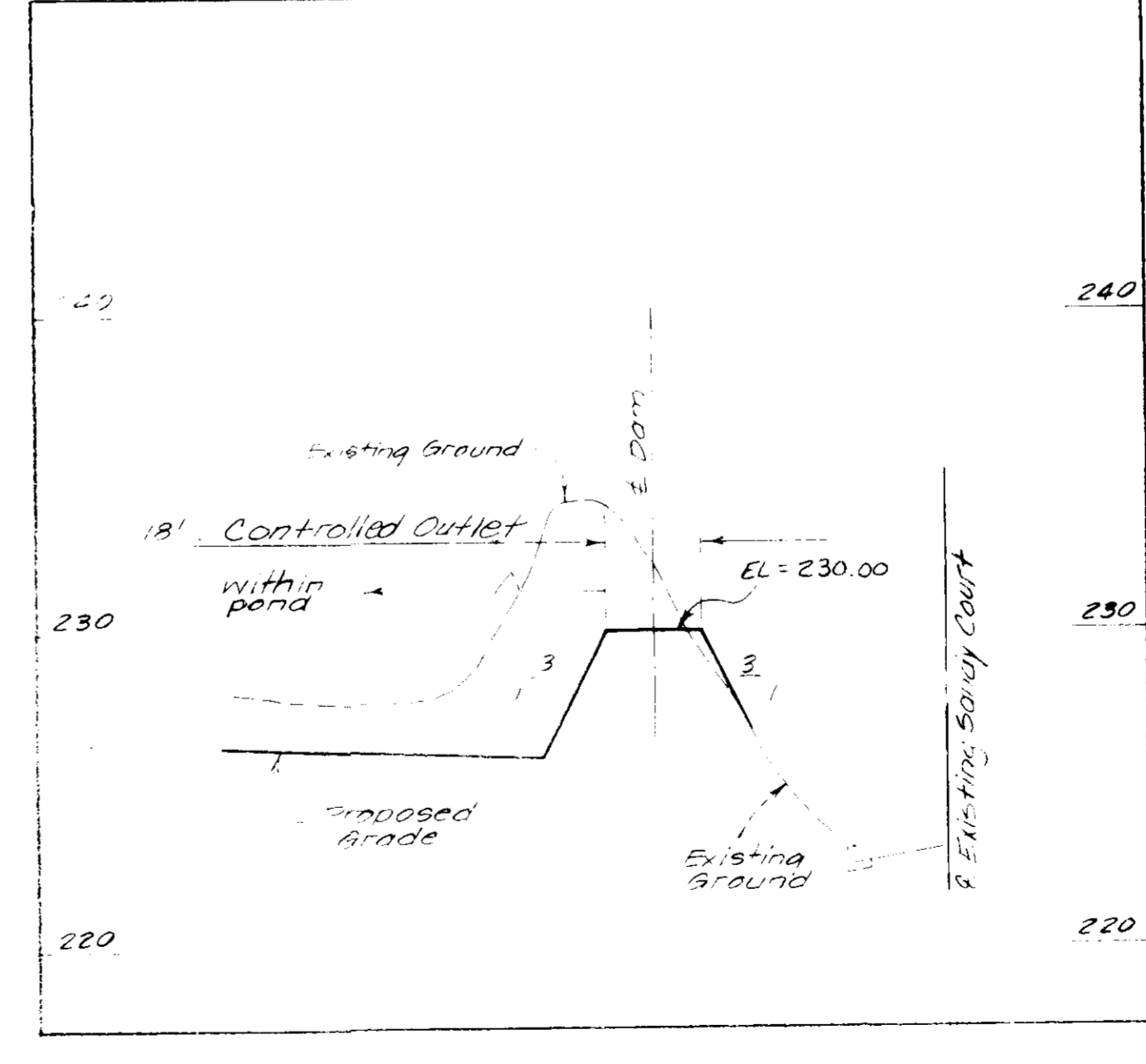
4-22-85



SECTION A-A  
CONCRETE RISER BASE  
no scale



PROFILE: SECTION ALONG PRINCIPAL SPILLWAY  
SCALE: Horizontal - 1" = 30'  
Vertical - 1" = 5'



PROFILE: SECTION THROUGH CONTROLLED OUTLET  
SCALE: Horizontal - 1" = 30'  
Vertical - 1" = 5'

SEE SHEET 4 OF 5 FOR  
TYPICAL ANTI-SEEP COLLAR  
DETAIL

Summary of Soil Laboratory Tests

Boring No.	Sample Depth	Sample Type	Description of Soil Specimen	Stratium	Atterberg Limits			Natural Moisture (%)	# Passing No. 200 Sieve	Remarks
					LL	PL	PI			
B-1	1.0'	JAR	SILT CLAY (CL-ML), some fine to coarse sand & gravel, brown	A	26	19	7	27.8	58.3	SEE GRADATION CURVE
	2.0'	JAR	GRAVEL (GM-GP) some fine to medium sand, trace silt, brown	B	NP	NP	NP	4.8	11.6	SEE GRADATION CURVE
B-3	2.0'	JAR	Fine SAND (SM-SP), trace silt, brown	B	--	--	--	5.9	8.1	
	2.3'	JAR								

B-4 See sheet 5 of 5 for Summary of Soil Laboratory Tests at Boring #4

1. Soil Tests in accordance with applicable ASTM standards
2. Soil classifications in accordance with Unified Soil Classification System
3. Key to Abbreviations:  
LL = Liquid Limit  
PL = Plastic Limit  
PI = Plasticity Index  
NP = Non-Plastic

DESIGNED: M.J.P.	BUILDING ADDITION TO SDP-78-92 S.W.M. PROFILES & DETAILS WAREHOUSE ADDITION	SCALE: 1" = 10' (11)
DRAWN: L.V.C.	ACME PAPER & SUPPLY CO., INC. @ B.W.P., BLOCK 'C', PARCELS D & F	SCALE: 3" = 10' (12)
CHECKED: M.J.P.	Sixth Election District Howard County, Maryland	SCALE: 1" = 10'
DATE: MAR 1985	FOR: Acme Paper & Supply Company, Inc. 8229 Sandy Court Savage, Maryland, 20763	

EVANS, HAGAN & HOLDEFER, INC.

DATE: _____	REVISION: _____	BY: _____	ENGINEERS, LAND PLANNERS & SURVEYORS
8013 BELAIR ROAD, BALTIMORE, MD. 21284			801 SANDY SPRING RD. LAUREL, MD. 20707
538 POPLAR STREET, BARRINGTOWN, MD. 21514			(301) 725-0665/792-8086
111 JOHN STREET, WESTMINSTER, MD. 21157			
SURVEYED BY: E.J.H. inc.	COMPILED BY: M.J.P.	DRAWN BY: L.V.C.	CHECKED BY: M.J.P.
DATE: _____	DATE: _____	DATE: _____	DATE: _____

APPROVED: For Public Water and Public Sewerage Systems, Howard County Health Department  
*James M. Boyd, M.D., James S. Lyons*  
County Health Officer

APPROVED: Howard County Department of Planning and Zoning  
*[Signature]*  
Planning Director

APPROVED: For Public Water and Public Sewerage, Storm Drainage Systems and Public Roads, Howard County Department of Public Works  
*[Signature]*  
Director

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.  
*[Signature]*  
U.S. Soil Conservation Service

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*[Signature]*  
Signature of Developer  
RONALD ATTMAN



