

LOUISE M MYERS
202/481

CONSTRUCTION SEQUENCE

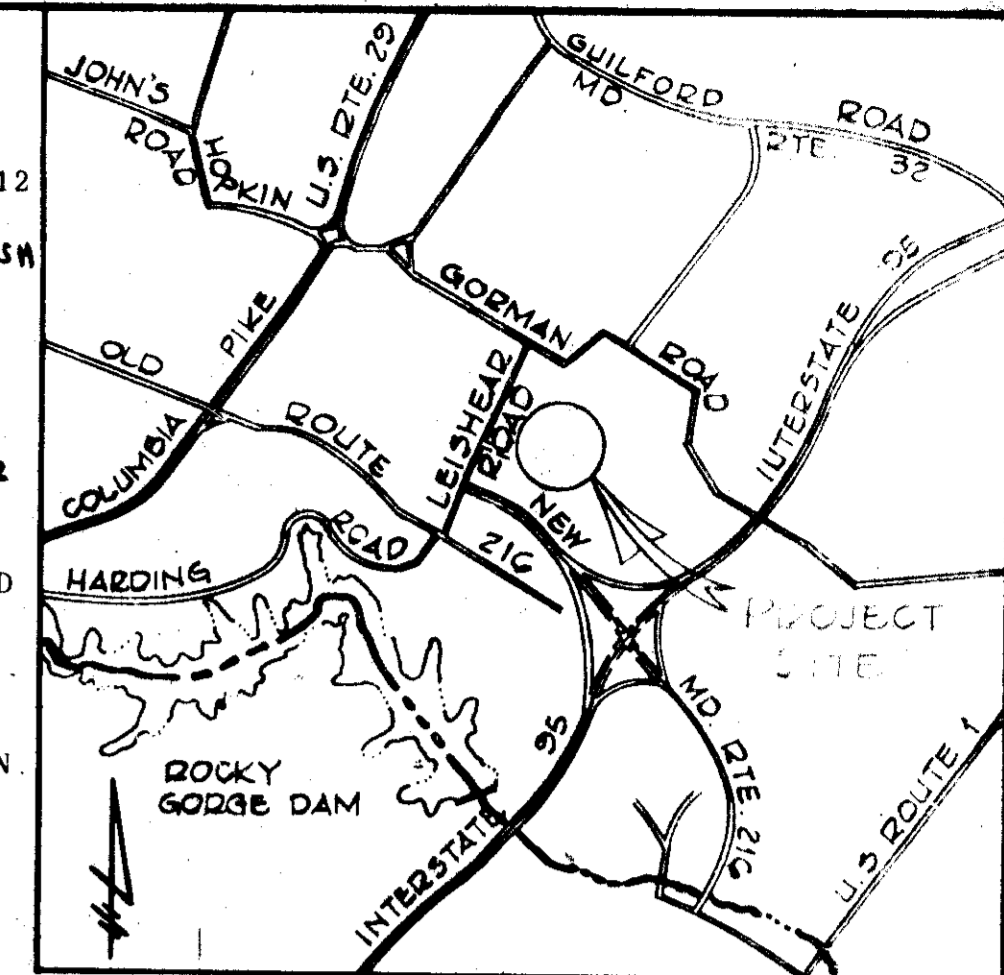
1. OBTAIN GRADING PERMIT.
2. PLACE STRAW BALES AT TOE OF PROPOSED EMBANKMENTS AND AROUND PROPOSED PAVED AREAS AT THE TRUCK WASH AND WAREHOUSE.
3. PLACE BUILDING FOOTINGS AND CONSTRUCT BUILDING.
4. FINE GRADE SLOPES.
5. CONSTRUCT PAVED AREAS.
6. SEED AND MULCH.

SITE ANALYSIS

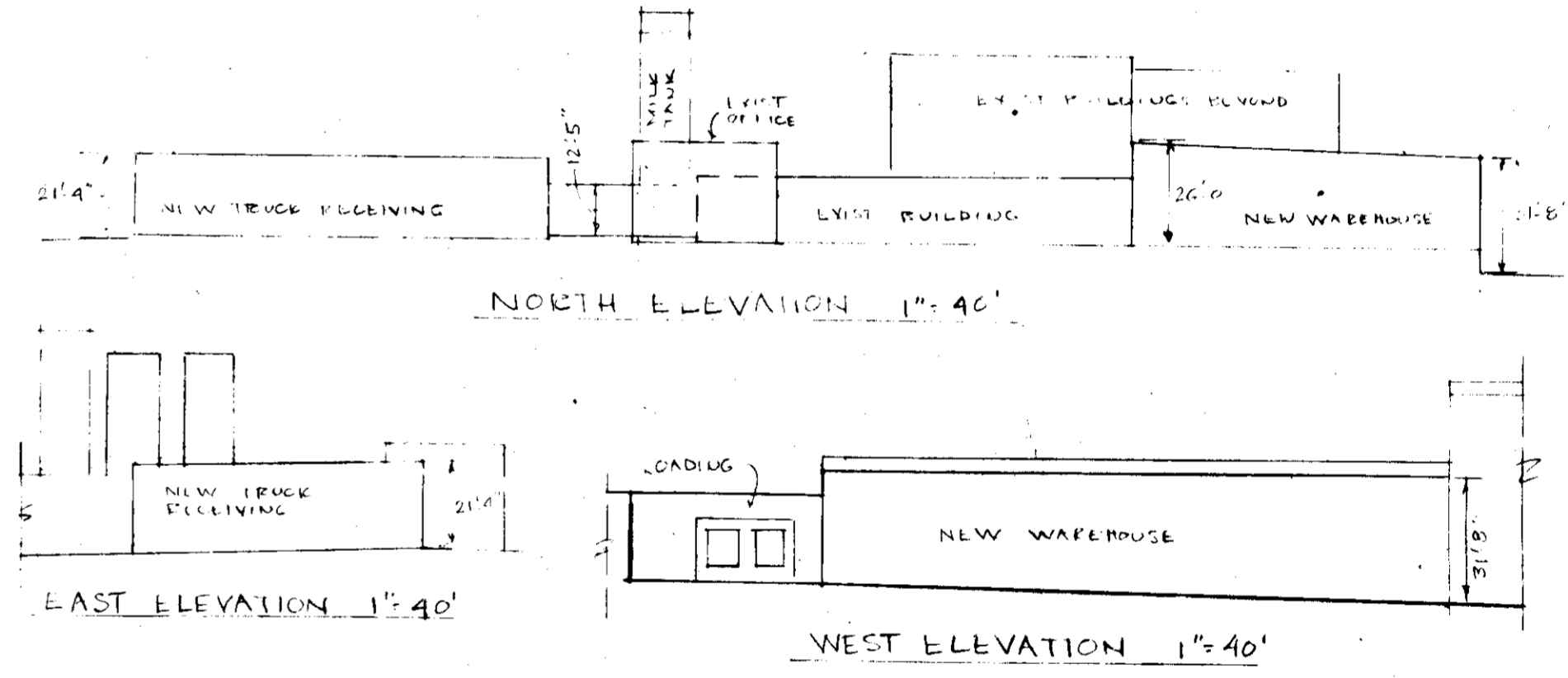
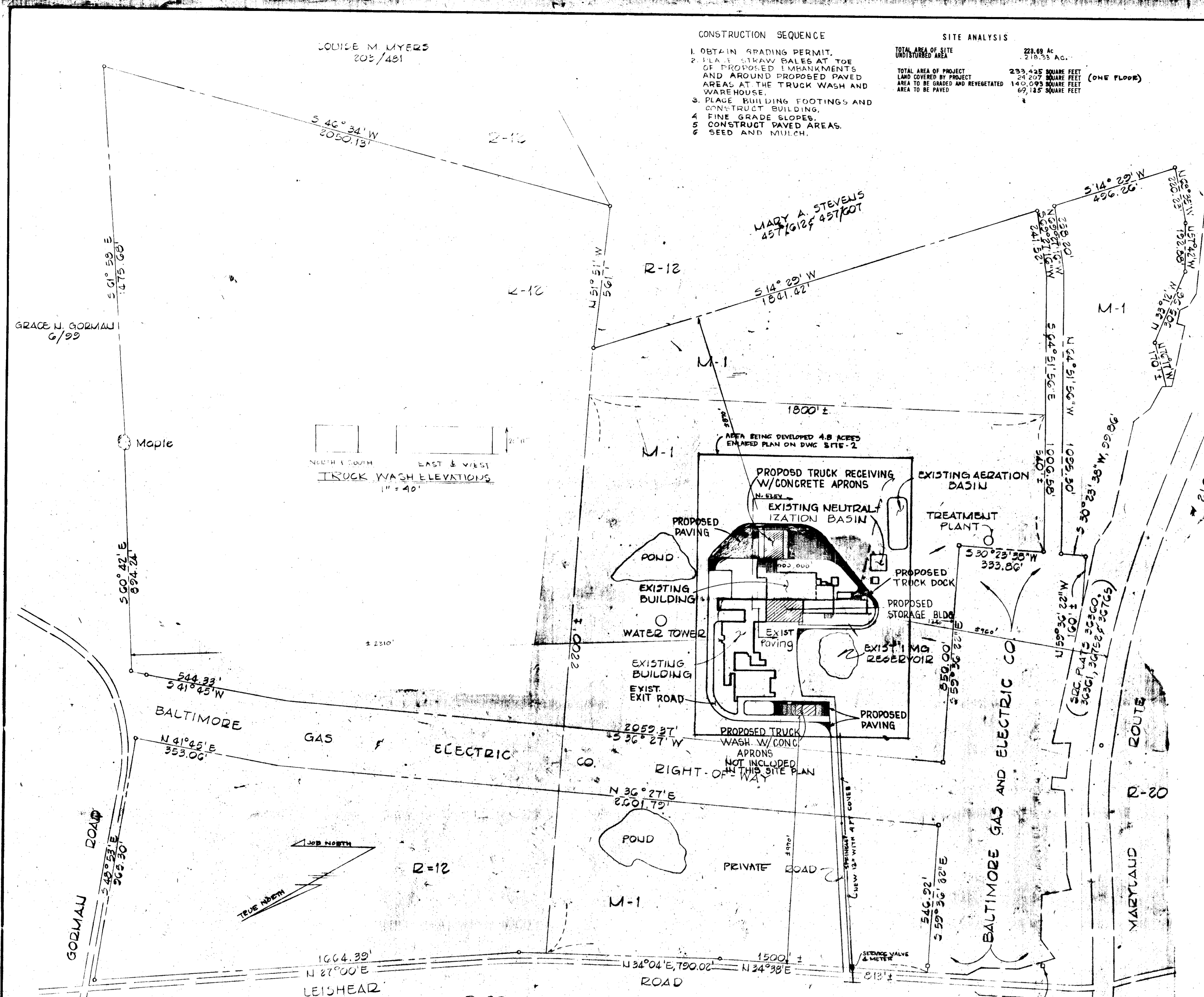
TOTAL AREA OF SITE UNDISTURBED AREA 223.69 AC.
218.33 AC.
TOTAL AREA OF PROJECT 233,435 SQUARE FEET (ONE FLOOR)
LAND COVERED BY PROJECT 24,207 SQUARE FEET
AREA TO BE GRADED AND REVEGETATED 149,093 SQUARE FEET
AREA TO BE PAVED 160,145 SQUARE FEET

GENERAL NOTES

1. PROPERTY LOCATED IN 6TH ELECTION DISTRICT. SEE TAX MAP 46&47, LIBER 302, FOLIO 288. TOTAL AREA IN TRACT - 223.69 ACRES. ZONING OF PROPERTY M1-R12
2. PROPOSED ADDITIONS WAREHOUSE, TRUCK RECEIVING & WASH
 - A. USE - PROCESSING OF DRIED MILK PRODUCTS.
 - B. CONSTRUCTION - HOLLOW CONCRETE MASONRY UNIT WALLS WITH BUILT-UP ROOF. BUILDING AREA 24,207 SQUARE FEET
 - C. PARKING - EXISTING PARKING ADEQUATE. NO ADDITIONAL EMPLOYEES TO BE ENGAGED ANALYSIS SITE 2
 - D. EXCAVATION AND FILL - EXCAVATION BELOW FINISHED GRADE REQUIRED ONLY FOR BUILDING FOOTING AND LANDSCAPING. DISTURBED AREAS TO BE STABILIZED IMMEDIATELY AFTER GRADING. ALL SEDIMENT CONTROL DETAILS REFER TO UNITED STATES SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" FOR SPECIFICATION.



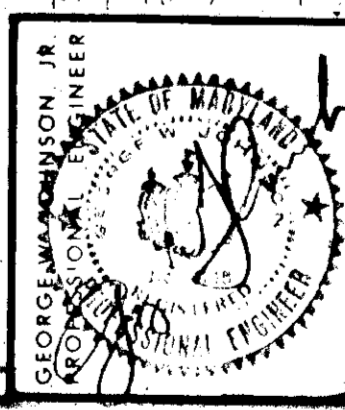
VICINITY MAP
Scale: 1"=1 Mile



PLANT PROFILES

PREVIOUS PLANS: SDP-78-51 APPROVED FEB 7 78

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 7-25-79



JAI CONSULTING ENGINEER
914 BELLEVUE RD., SUITE 101, WASHINGTON, VIRGINIA 22101
TELEPHONE: (703) 893-8100

PROFESSIONAL ENGINEER
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

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS
DATE 8-12-79

APPROVED FOR STREAM DRAINAGE SYSTEMS AND EROSION CONTROL REQUIREMENTS
DATE 8-12-79

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
DATE 8-15-79

PURDUM & JESCHKE
CONSULTING ENGINEERS
LAND SURVEYORS
1023 North Calvert Street
Baltimore, Maryland 21202 301/837-0164

DEVELOPER
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 ACKNOWLEDGE PERIODIC INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT ON THEIR AUTHORIZED AGENTS. AS ALL DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

PROJECT NAME: MARYLAND & VIRGINIA MILK PRODUCERS ASSOCIATION
DRAWING NAME: SITE DEVELOPMENT PLAN
PROJECT NO: 7902
DRAWN BY: KDR
SCALE: 1"=200'
DATE: MAY 11 79

TAX MAP 46 & 47
FOLIO 288
ZONE M1 & R12
GENEUS 78 6002
SHEET 1 of 3

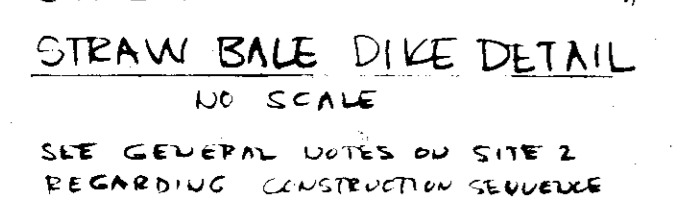
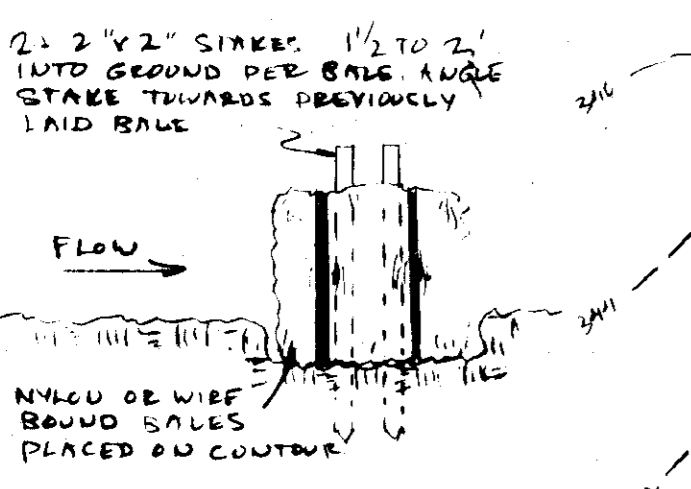
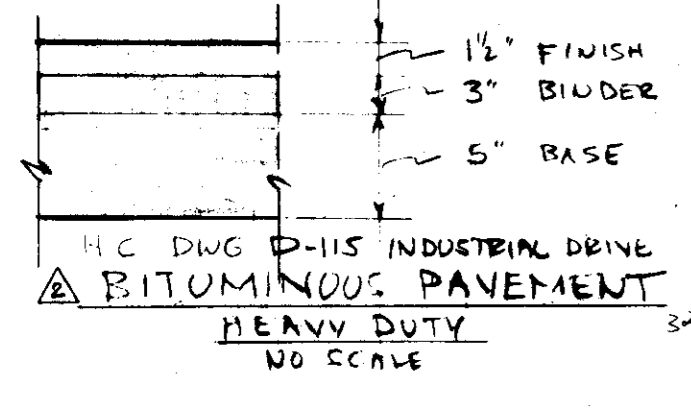
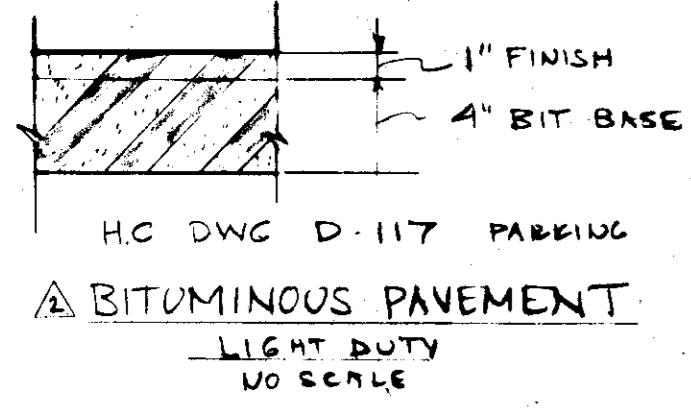
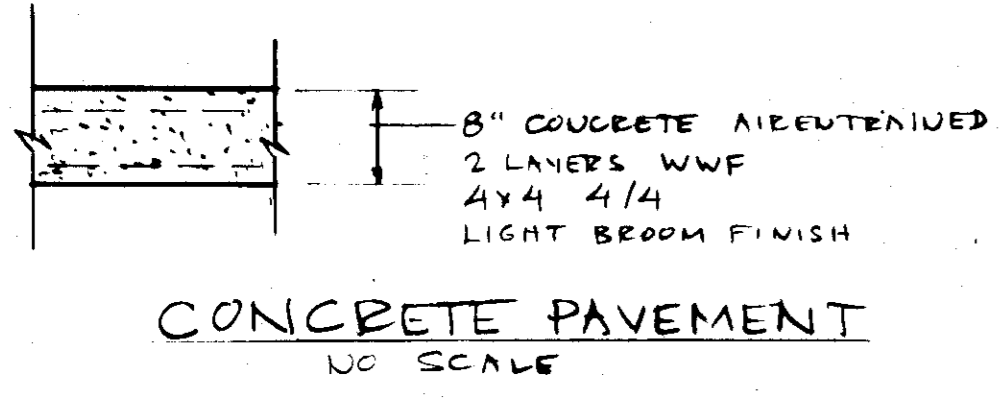
SDP-79-144

1. ADD NOTES TO SEDIMENT & EROSION CONTROL
 2. NOTIFY HOWARD COUNTY BUREAU OF INSPECTIONS AT LEAST 24 HRS PRIOR TO BEGINNING ANY CONSTRUCTION. 465-5000

3. ALL SEDIMENT CONTROL STRUCTURES SHALL BE CONSTRUCTED PRIOR TO GRADING OR SURFACE DISTURBANCE AND/OR STABILIZED AS SOON AS CONSTRUCTED.

4. ALL SEDIMENT CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL PERMISSIVE FOR THEIR REMOVAL HAS BEEN OBTAINED FROM HOWARD CITY SOIL CONSERVATION DISTRICT.

5. ALL GRADABLE AREAS NOT BEING PAVED, SHALL BE STABILIZED AS FOLLOWS:
 A. PLUCK A 3" LAYER OF COMPACTED TOP SOIL TO FINISH GRADE.
 B. SPREAD PULVERIZED DOLOMITE LIMESTONE AT RATE OF 46 LBS/1000 SF.
 C. SPREAD 5-10 COMMERCIAL GRADE FERTILIZER AT RATE OF 25 LBS/1000 SF IMMEDIATELY DISC IN TO 3" DEPTH.
 D. SEED THE PREPARED AREAS AT THE RATE OF 3 LBS/1000 SF:
 1. TEMPORARY SEED MIXTURE 10% MARIUO KENTUCKY BLUE GRASS, 40% COMMON BENTON BLUE GRASS & 20% PERLAWM.
 2. PERMANENT SEED MIXTURE 40% MARIUO KENTUCKY BLUE GRASS, 40% COMMON BENTON BLUE GRASS & 20% PERLAWM.
 TAKE IN WITH A WIRE BRUSH WITH AT LEAST 2 PASSES & COMPACT WITH A CULTIPACKER OR OTHER APPROVED METHOD.
 F. MULCH IMMEDIATELY WITH UNWEATHERED SMALL GRNU STRKLA AT RATE OF 70 LBS/1000 SF & SPRAY WITH EMULSIFIED AMMANIT AT RATE OF 0.04 GAL/SY.
 G. SEED AREAS THAT DO NOT GERMINATE IN 4 WEEKS SHALL BE RESEED OR SOPEP.
 5. PROVIDE DAILY INSPECTION & MAINTENANCE OF THIS WORK TO INSURE PROPER FUNCTIONING OF ALL SEDIMENT CONTROL STRUCTURES.
 6. SEDIMENT CONTROL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN & THE STANDARDS & SPECIFICATIONS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS C/75.



PROFESSIONAL ENGINEER
 I CERTIFY THAT THE STORM WATER MANAGEMENT PLAN AND DETAILS REPRESENT A PRACTICAL PLAN AND WERE PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 WILLIAM G. JOHNSON II 8/24/79 DATE

PROFESSIONAL ENGINEER
 I CERTIFY THAT THIS PLAN FOR EROSION & 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.
 WILLIAM G. JOHNSON II 8/24/79 DATE

HOWARD SOIL CONSERVATION DISTRICT
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS.
 Winstan Smith 8-12-79 DATE
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL.
 Robert J. Gilman 8-14-79 DATE
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED FOR PERMITS SYSTEMS AND ROADS, HOWARD COUNTY DEPT OF PUBLIC WORKS.
 [Signature] 8-24-79 DATE
 DIRECTOR

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
 [Signature] 8-15-79 DATE
 HEALTH DEPT.

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 [Signature] 8-24-79 DATE
 PLANNING DIRECTOR

APPROVED FOR THE DEVELOPMENT AND CONSTRUCTION OF THE PROJECT.
 I CERTIFY THAT ALL DEVELOPMENT AND JOB CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN. I DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND ALSO AUTHORIZED EROSION ON SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT. AT THE AUTHORIZED AGENT AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.
 MARYLAND AND VIRGINIA MILK PROD. ASSOC.
 [Signature] 8/10/79 DATE

PROFESSIONAL ENGINEER
 WILLIAM G. JOHNSON II
 [Signature]

JAI CONSULTING ENGINEER
 914 BILLYVIEW RD., MCLEAN, VIRGINIA 22101
 TELEPHONE (703) 893-5143

PROJECT NAME
 MARYLAND & VIRGINIA MILK PRODUCERS ASSOCIATION
 184 FAVEL RD. 20910

DRAWING NAME
 SITE DEVELOPMENT PLAN
 HOWARD COUNTY MARYLAND

PROJECT NO.
 7702

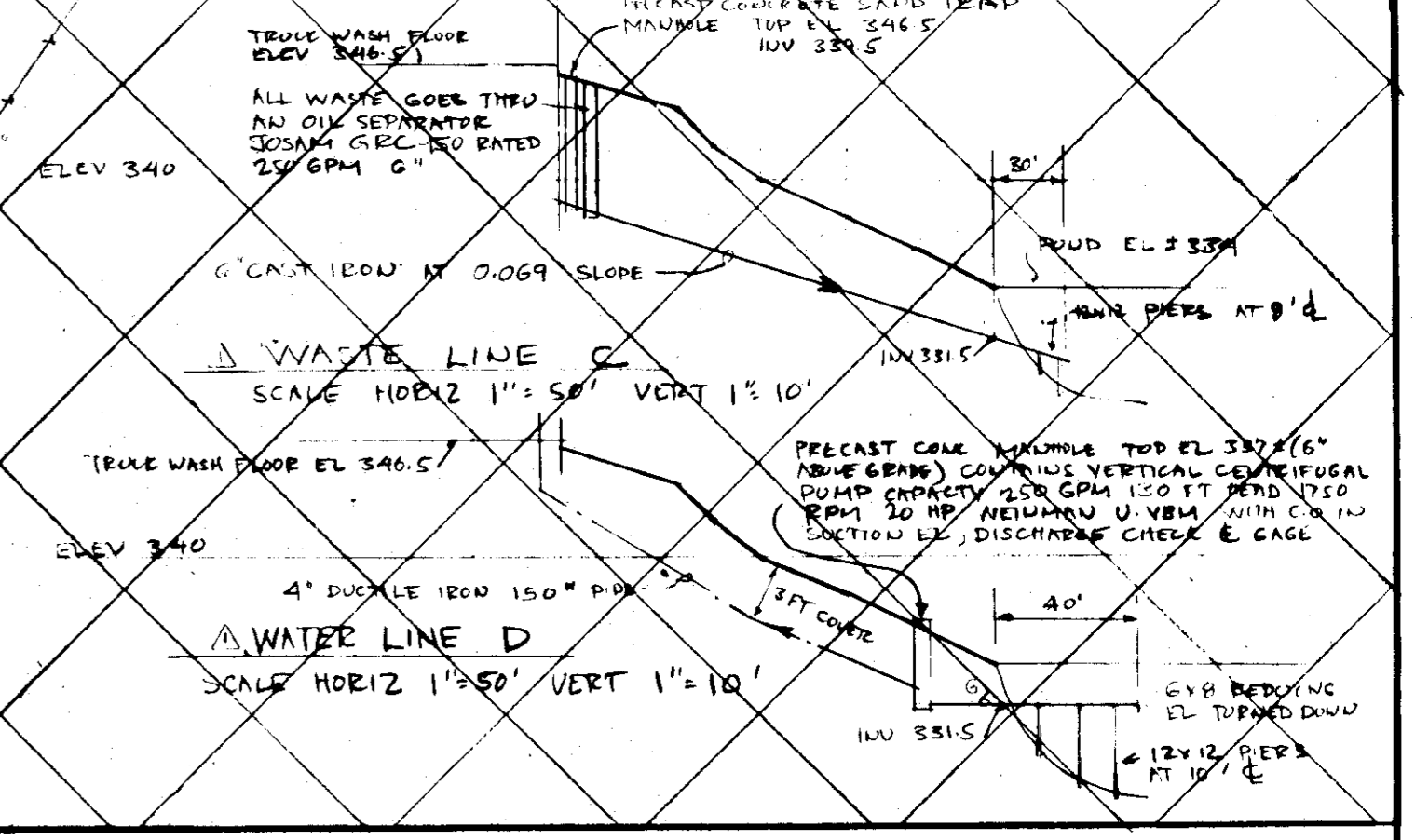
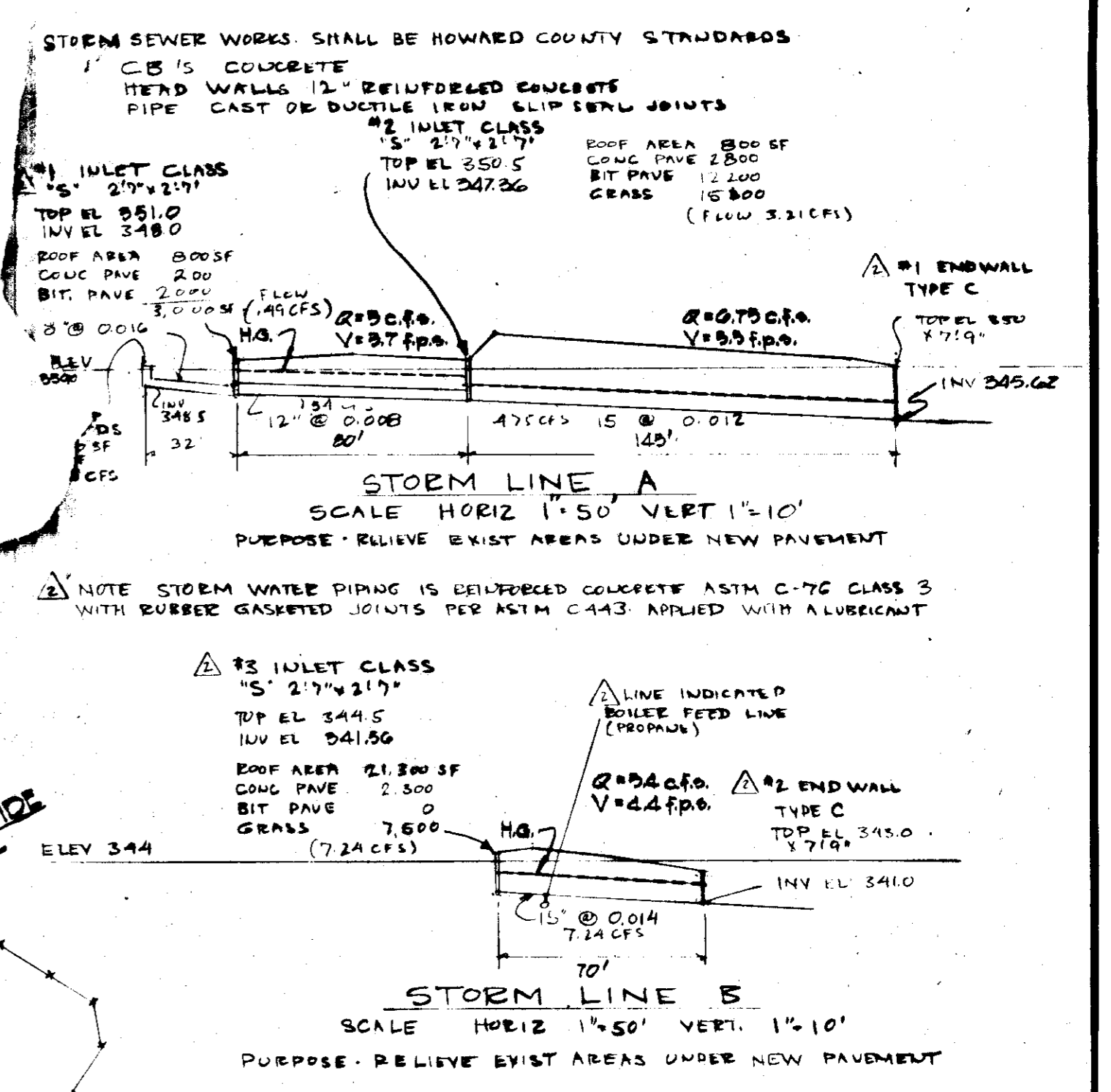
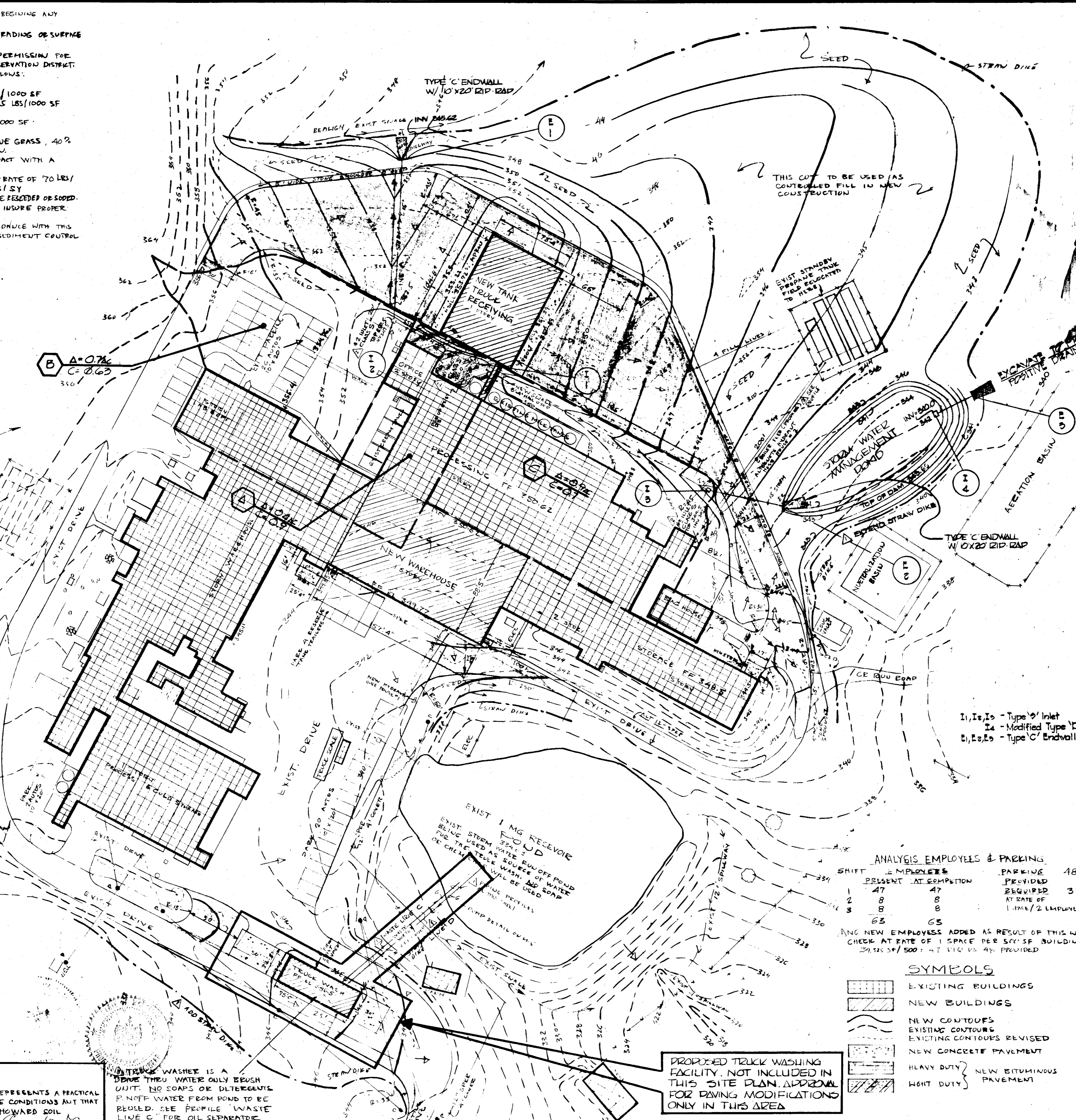
DRAWN BY
 GWJ

SCALE
 1" = 50'

DATE
 MAY 11, 1979

TAX MAP
 46 & 47
 BLOCK 181
 LIBER 302
 FOLIO 298
 ZONE M 1 & R 2
 ZONE MAP HC 47
 GEOMAS 1E C 62

DRAWING NUMBER
 SHEET 2 OF 3



ANALYSIS EMPLOYEES & PARKING

SHIFT	EMPLOYEES PRESENT	EMPLOYEES AT COMPLETION	PARKING PROVIDED	PARKING REQUIRED
1	47	47	18	32
2	8	8		
3	8	8		
TOTAL	63	63		

AND NEW EMPLOYEES ADDED AS RESULT OF THIS WORK CHECK AT RATE OF 1 SPACE PER 500 SF. BUILDING 29,283 SF / 500 = 58.76 ROUND UP 59 PROVIDED

SYMBOLS

- [Pattern] EXISTING BUILDINGS
- [Pattern] NEW BUILDINGS
- [Pattern] NEW CONTOURS
- [Pattern] EXISTING CONTOURS
- [Pattern] EXISTING CONTOURS REVISED
- [Pattern] NEW CONCRETE PAVEMENT
- [Pattern] HEAVY DUTY
- [Pattern] LIGHT DUTY
- [Pattern] NEW BITUMINOUS PAVEMENT

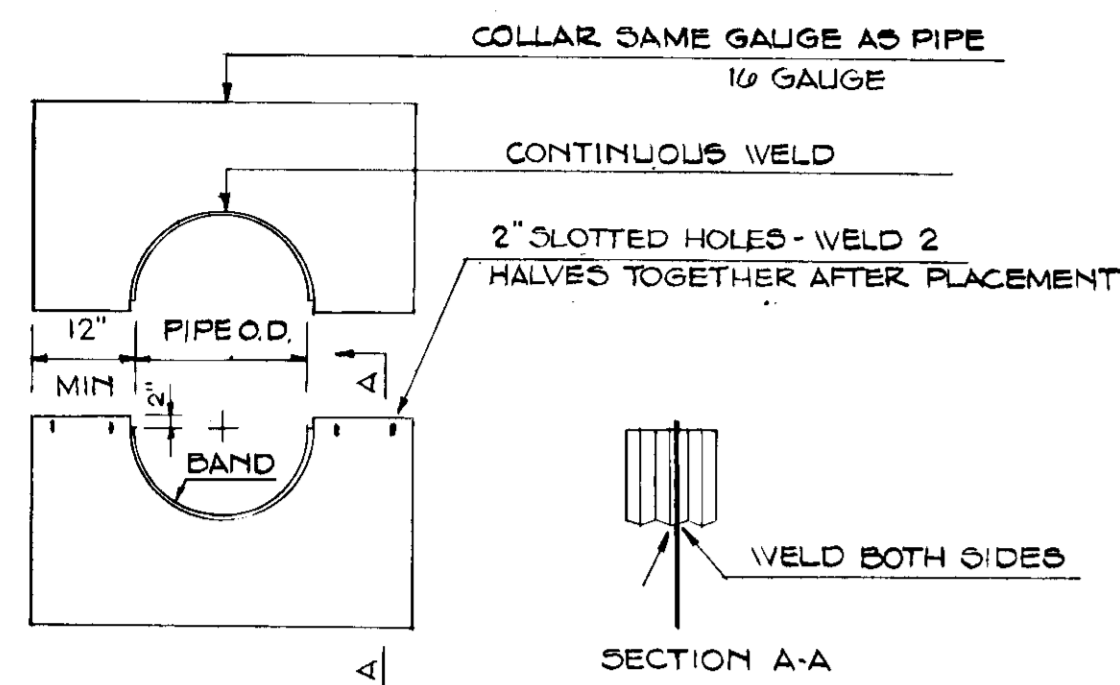
APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 7-25-79

SURVEY DATA OF EXISTING CONDITIONS TRACED FROM SURVEY DATED 5 APRIL 79 BY FREDM & JET CHECK CONSULTING ENGINEERS LAND SURVEYORS 177 NORTH CALVERT ST. BALTIMORE, MARYLAND 21202

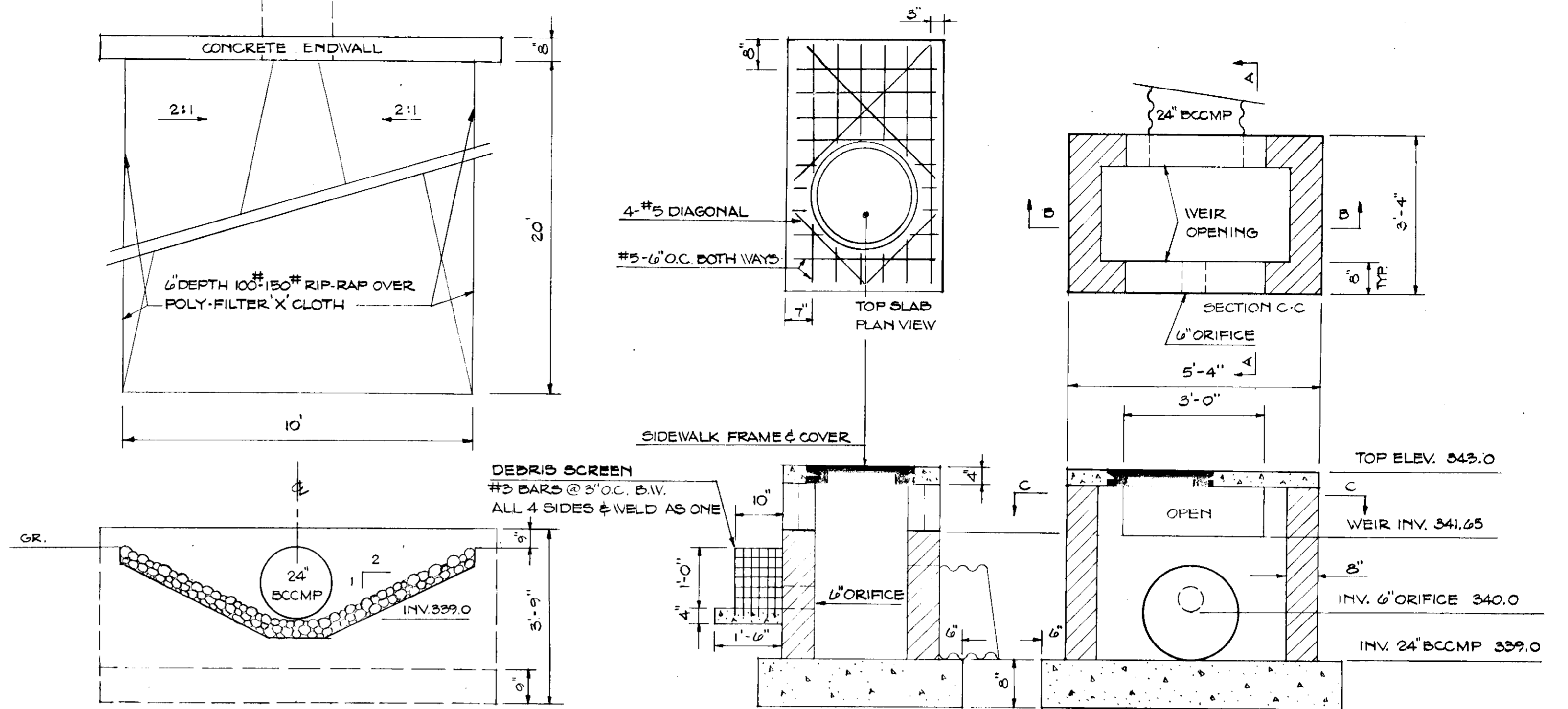
PREVIOUS PLANS SDP 78-51 APPROVED FEB 7 78

ADDED JULY 6 79 HOWARD COUNTY REQUIREMENTS ADDED
 ADDED JUNE 19 79 NOTES ADDED
 ADDED MAY 18 79 ISSUE FOR SPALLS AND RIDES

SDP-79-144



ANTI-SEEP COLLAR DETAIL
UNASSEMBLED NO SCALE



ENDWALL, RIP-RAP & CHANNEL DETAIL
SCALE: 3/8\"/>

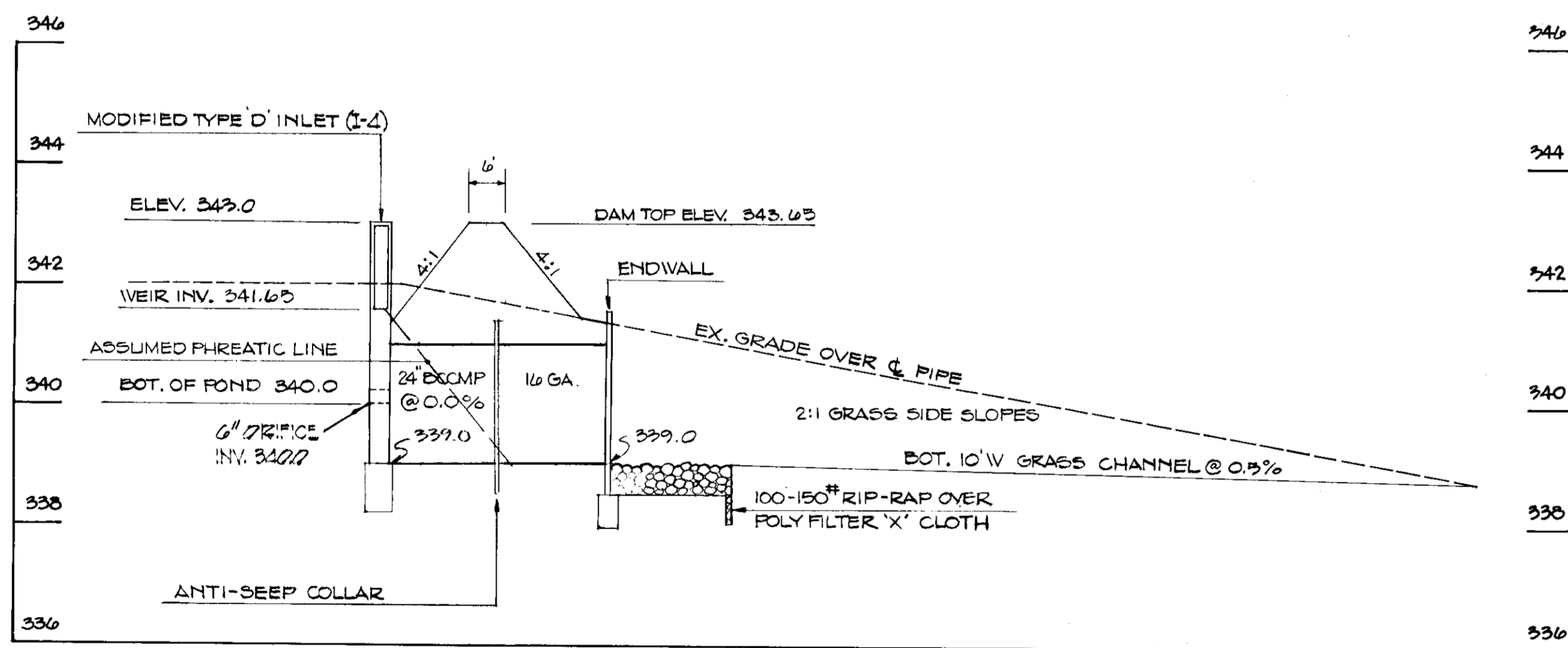
MODIFIED TYPE 'D' INLET
SCALE: 1/2\"/>

AS BUILT: AS BUILT DRAWINGS SHALL BE SUBMITTED TO HOWARD COUNTY SOIL CONSERVATION DISTRICT WITHIN 30 DAYS OF COMPLETION OF THE STORM WATER RETENTION POND. THE DRAWINGS SHALL SIGNED AND CERTIFIED BY A STATE OF MD. REGISTERED PROFESSIONAL ENGINEER.

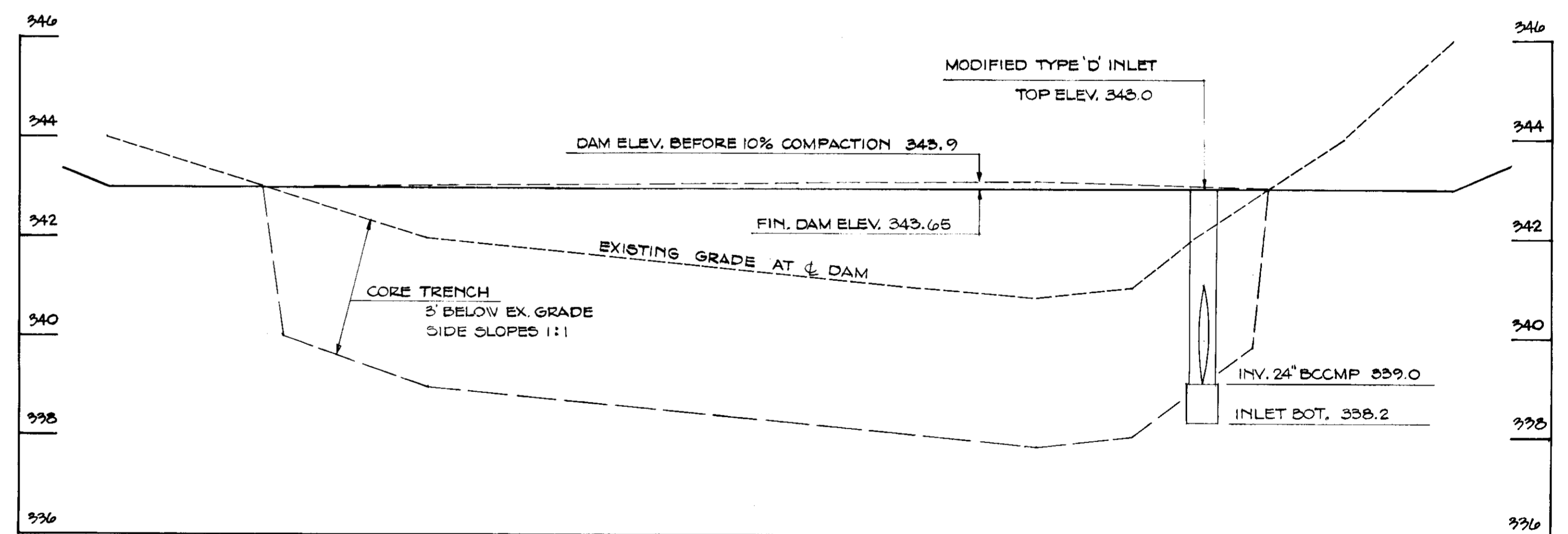
STORM WATER MANAGEMENT DETENTION POND DESIGN DATA

YEAR STORM	RCN		RAINFALL DEPTH	RUNOFF DEPTH		STORAGE	RELEASE RATE	
	LN DEV.	DEV.		UNDEV.	DEV.		MAX. ALLOW	ACTUAL
	INCHES			INCHES	INCHES	CUBIC FEET	CFS	CFS
2 YEAR	01	9B	3.2	0.43	3.0	6608	1.0	1.0
10 YEAR	01	9B	5.1	1.40	4.9	11953	3.4	3.4

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY
DATE 7-25-79
JWM



SPILLWAY PROFILE
SCALE: 1\"/>



EMBANKMENT CROSS SECTION ALONG CL
SCALE: 1\"/>

PURDUM & JESCHKE
CONSULTING ENGINEERS
LAND SURVEYORS

1023 North Calvert Street
Baltimore, Maryland 21202 301/837-0194

APPROVED: HOWARD COUNTY
OFFICE OF PLANNING & ZONING

Thomas J. Amis 8/24/79
PLANNING & ZONING
DATE 8/24/79
CHIEF, DIV. OF LAND DEV. DATE

APPROVED: FOR PRIVATE WATER,
SEWAGE, STORM DRAINAGE AND
ROADS, HOWARD COUNTY DEPT.
OF PUBLIC WORKS.

George E. Klemm 8/14/79
DATE 8/14/79
CHIEF, BUREAU OF ENG. DATE

APPROVED: FOR PRIVATE WATER
AND PRIVATE SEWAGE SYSTEMS,
HOWARD COUNTY HEALTH
DEPARTMENT.

Joyce M. Boyd 8-15-79
DATE 8-15-79
COUNTY HEALTH OFFICER DATE

THESE PLANS HAVE BEEN REVIEWED FOR
HOWARD SOIL CONSERVATION DISTRICT & MEET
TECHNICAL REQUIREMENTS FOR SMALL POND
CONSTR. SOIL EROSION & SEDIMENT CONTROL.
William G. Rasch II 8-14-79
DATE 8-14-79
CHIEF, SOIL CONSERVATION SERVICE
HOWARD SOIL CONSERVATION DISTRICT DATE

REGISTERED PROFESSIONAL ENGINEER:
I CERTIFY THAT THIS STORM WATER MANAGEMENT PLAN
AND DETAILS REPRESENT A PRACTICAL PLAN AND
WERE PREPARED IN ACCORDANCE WITH SOIL
CONSERVATION SERVICE REQUIREMENTS.

William G. Rasch II 8/14/79
DATE 8/14/79
WILLIAM G. RASCH II II DATE

STORM WATER MANAGEMENT &
SEDIMENT CONTROL DETAILS

MARYLAND & VIRGINIA MILK PRODUCERS ASSOC.
P.O. BOX 104 LAUREL, MD. 20610
6TH ELECTION DISTRICT HOWARD CO., MD.
1 AUGUST 1979

SHEET 3 OF 3

SDP-79-144