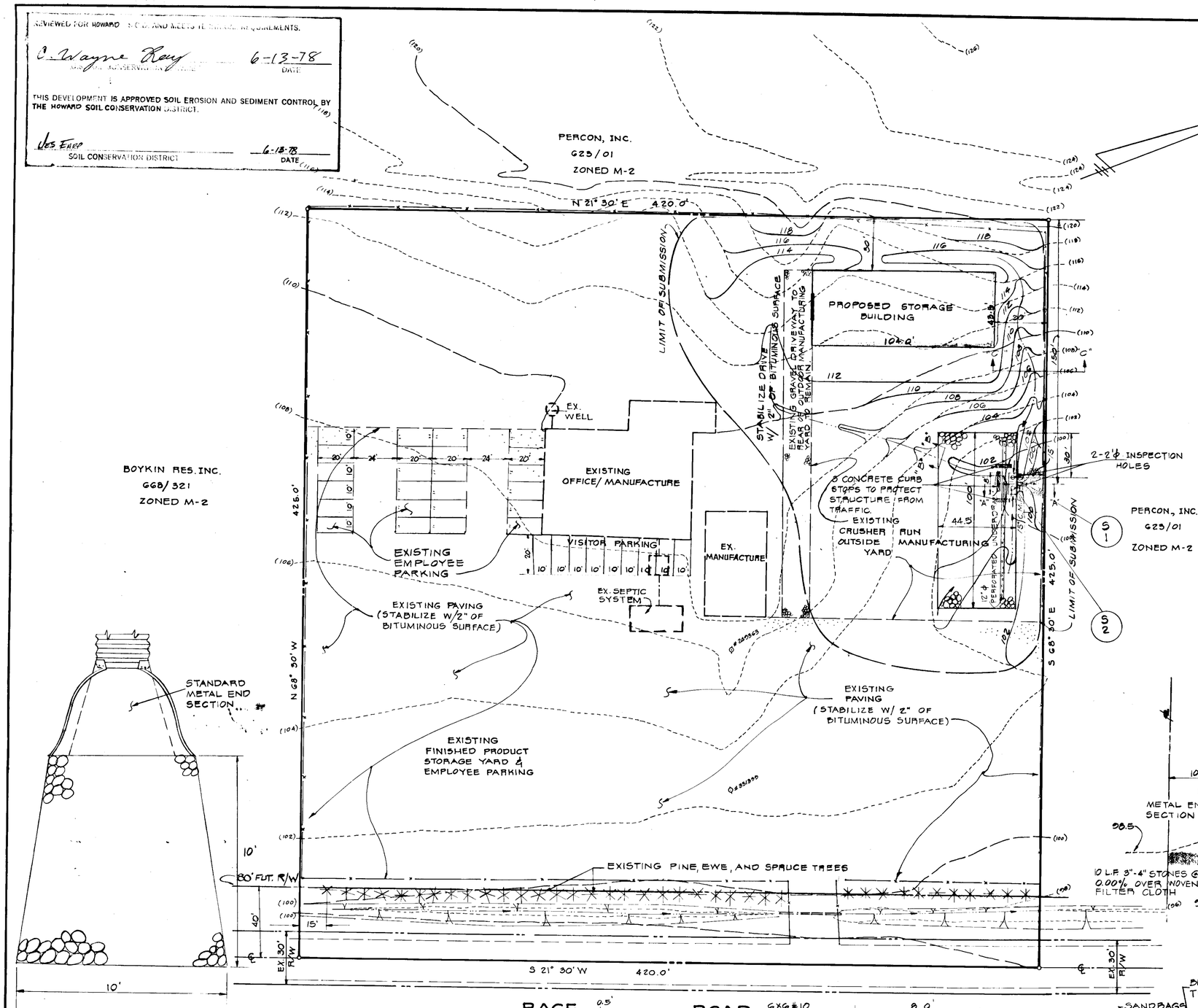
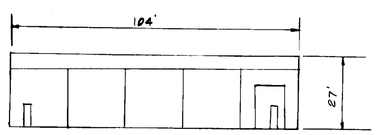
REVIEWED FOR HOWARD S.C.D. AND MEETS THE MINIMUM REQUIREMENTS.

C. Wayne Ray 6-13-78
HOWARD SOIL CONSERVATION DISTRICT DATE

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

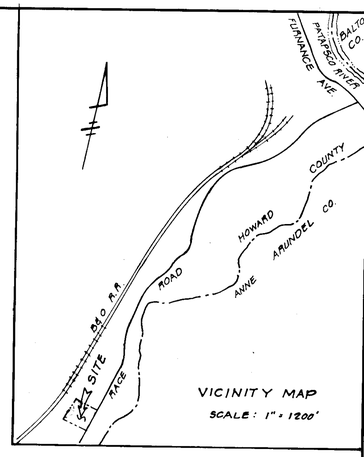
Jos. Emerp 6-13-78
SOIL CONSERVATION DISTRICT DATE





SCHEMATIC BUILDING ELEVATION

NO SCALE



VICINITY MAP

SCALE: 1" = 1200'

SWALE - SECTION "B-B"

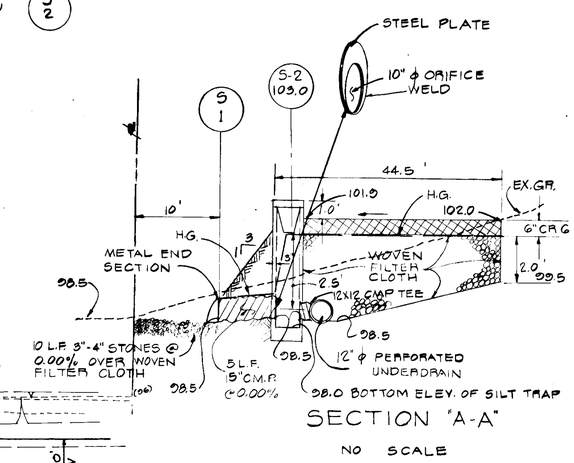
A = 0.3 FROM SHA CHART 1033.12
C = .75 d = 0.25'
I = 7.0 Vn = .043
Q = 1.6 C.F.S. V = 2.25 F.P.S.
S = .10
Qn = .032

SWALE - SECTION 'C-C'

Q = CIA d = .2'
C = .75 Vn = .047
I = 7.0 V = 2.35 F.P.S.
A = 0.16
Q = 0.84 C.F.S.
Qn = .02
S = .13

GENERAL NOTES

1. DEED REFERENCES : 801/307
2. TAX MAP : 38 PARCEL : 278
3. CURRENT ZONING : M-2
4. TOTAL AREA OF PLAN : 4.0 AC.
5. AREA OF SUBMISSION : 1.0 AC
6. THERE WILL BE NO SANITARY FACILITIES AND NO DOMESTIC WATER SUPPLY PROVIDED AT PROPOSED STORAGE BLDG.
7. THE PURPOSE OF THIS BUILDING IS TO PROVIDE A CURING AREA FOR MANUFACTURE OF CONCRETE PRODUCTS THAT ARE CURRENTLY MANUFACTURED IN THE OUTSIDE MANUFACTURING YARD.
8. NO NEW EMPLOYEES OR PARKING SPACES DUE TO THE IMPROVEMENTS TO BE CONSTRUCTED IN THIS PHASE.
9. NO EXTERIOR LIGHTING.
10. NO NEW SIGNS TO BE ERECTED.
11. REQUIRED PARKING - 26 SPACES (12,700 S.F, ONLY 18 EMPLOYEES)
EXISTING PARKING - 33 SPACES

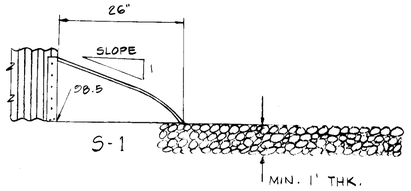


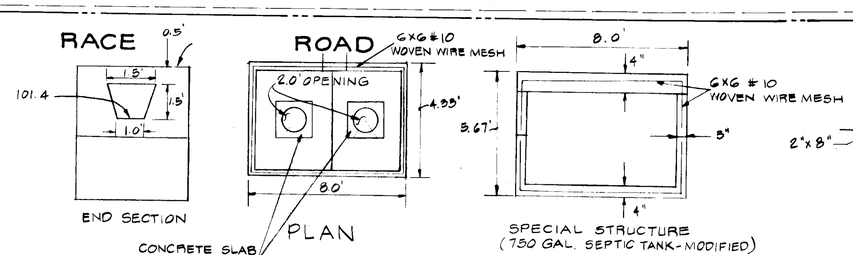
NOTE: FILL OVER 6" LAYER CR-G AS REQUIRED TO ACHIEVE FINISHED GRADES ACCORDING TO GRADING PLAN.

SECTION "A-A"

NO SCALE

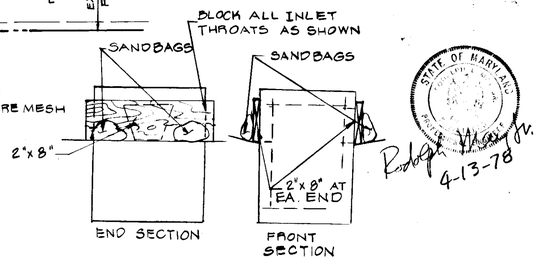
APPROVED: PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT 7-11-78
6-22-78
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
7-14-78
CHIEF, DIVISION OF ENGINEERING 7-14-78
APPROVED: DRAINAGE SYSTEM AND PUBLIC ROADS
Richard E. Brendenberger 7/13/78
CHIEF, DIVISION OF ENGINEERING DATE
W O Rippert 7-13-78
CHIEF, BUREAU OF ENGINEERING DATE





SPECIAL STRUCTURE S-2

NO SCALE



TYPICAL DETAIL
BLOCKED INLET

NO SCALE

STATE OF MARYLAND
Rodolfo Vargas Jr.
4-13-78

REV: 6/2/78, W.N. (HO. CO. COMMENTS)

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 5-18-78

OWNER & DEVELOPER
MAYER BROS., INC.
6264 RACE ROAD
ELKRIDGE, MD. 21227

TITLE: PHASED SITE PLAN			
PROJECT: MAYER BROS. STORAGE BUILDING			
LOCATION: 1 ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND			
DATE: APRIL 13, 1978	DESIGN BY: R.L.M.	DRAWN BY: W.H.N.	CHECKED BY: R.L.M.
SCALE: 1" = 30'	JOB NO.: 7843	DRAWING NO.: 1 OF 2	

boender associates
SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
ELLICOTT CITY, MARYLAND 21043
BALTIMORE 301-465-7777 SALISBURY 301-749-1288
engineers surveyors planners

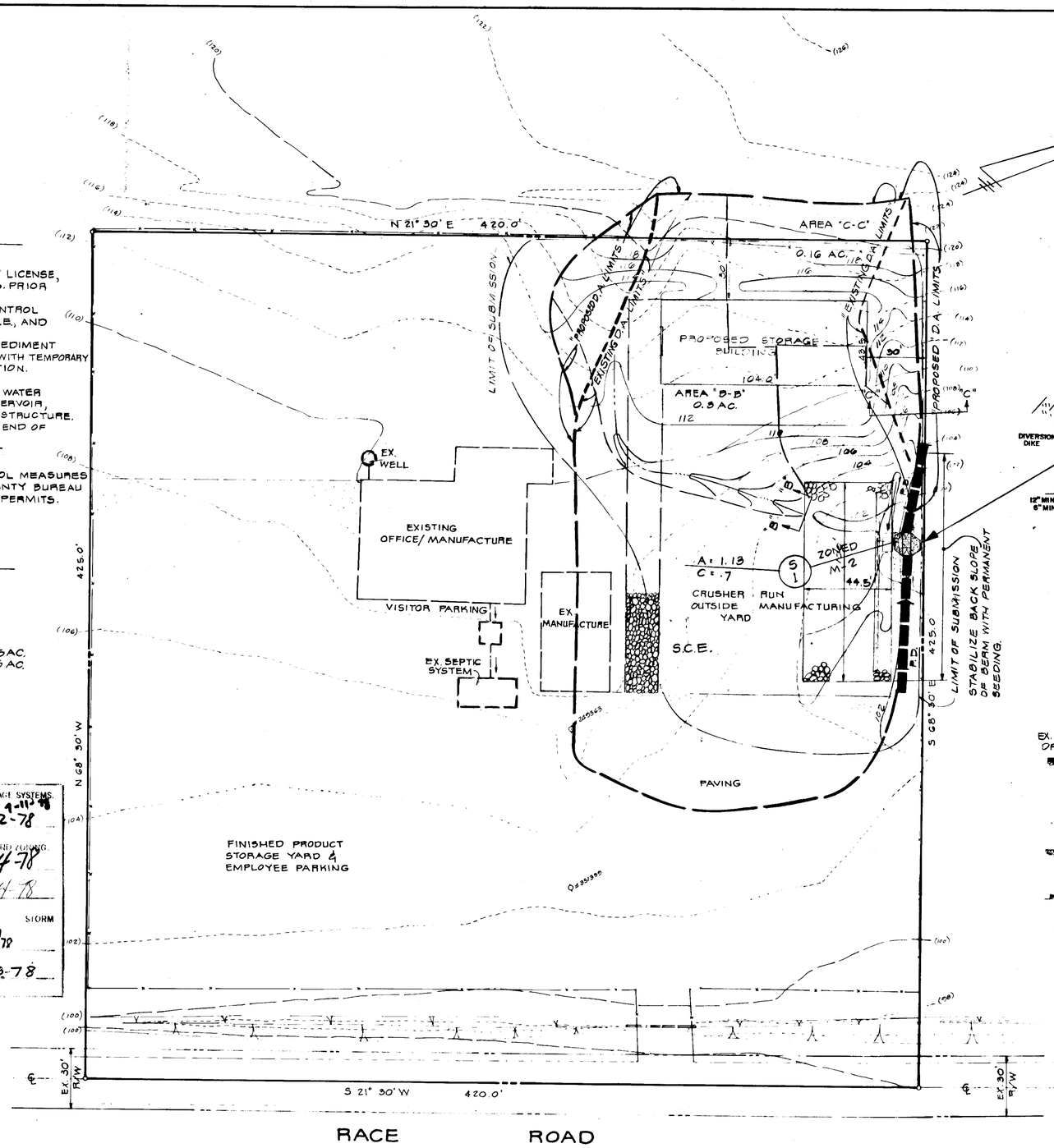
SDP-78-102

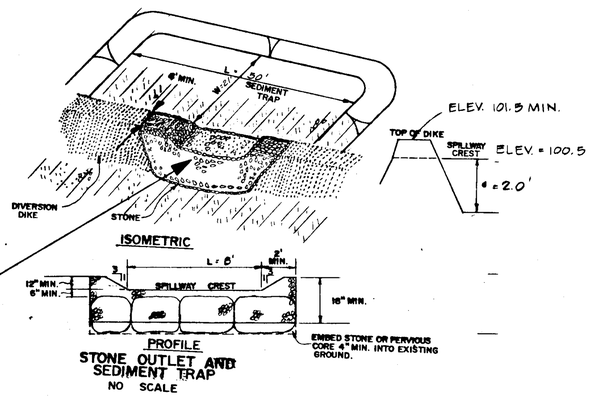
CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT.
2. NOTIFY HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS AND PERMITS 24 HRS. PRIOR TO GRADING OPERATION.
3. INSTALL TEMPORARY SEDIMENT CONTROL MEASURES, PERIMETER DIKE, S.C.E., AND SEDIMENT TRAP
4. BEGIN EARTHWORK - MAINTAINING SEDIMENT CONTROL MEASURES. STABILIZE WITH TEMPORARY SEEDING OR CRUSHER RUN APPLICATION.
5. CONSTRUCT BUILDING.
6. FINE GRADE SITE & INSTALL STORM WATER MANAGEMENT UNDERGROUND RESERVOIR, UNDERDRAINS, OUTLET DRAIN AND STRUCTURE. BLOCK UPSTREAM END OF PIPE AT END OF WORK EACH DAY.
7. STABILIZE AREA WITH PERMANENT STABILIZATION MEASURES.
8. REMOVE TEMP. SEDIMENT CONTROL MEASURES WITH APPROVAL OF HOWARD COUNTY BUREAU OF LICENSE, INSPECTIONS, AND PERMITS.

SITE ANALYSIS

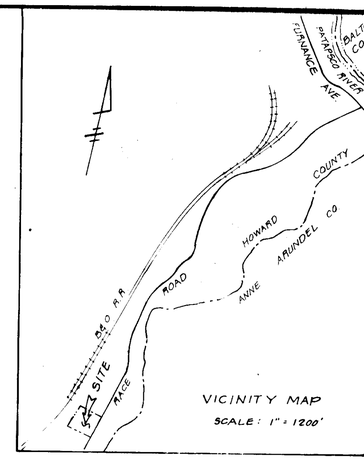
AREA OF SUBMISSION	:	1.0 AC.
DISTURBED AREA	:	0.75 AC.
BUILDING AREA	:	0.10 AC.
AREA TO BE STABILIZED BY:		
CRUSHER RUN MATERIAL	:	0.65 AC.
UNDISTURBED AREA	:	0.25 AC.

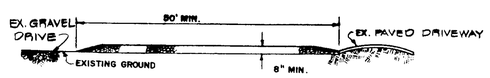




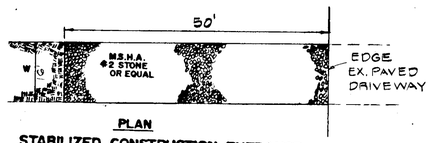
STONE OUTLET AND SEDIMENT TRAP
NO SCALE

P.D. PERIMETER DIKE





SECTION



PLAN
STABILIZED CONSTRUCTION ENTRANCE
NO SCALE

SEDIMENT CONTROL NOTES

1. All construction shall be in accordance with "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" prepared by the U.S.D.A. Soil Conservation Service.
2. Apply for grading permit.
3. Notify the bureau of License Inspections and Permits 24 hours prior to grading operations.
4. Construction shall adhere to the construction sequence
5. Cut and fill slopes shall be 3:1 maximum.
6. Elevations marked thus (x) shall be finished grade
7. Any excess material shall be stockpiled in a cleared location on site which is protected by sediment control structure(s). Maximum fill slope shall be 3:1. Stockpiled material shall be stabilized according to seeding specifications below.
8. Sediment control structures shall be removed only with permission of the Bureau of Licenses, Inspections and Permits.
9. Stabilization measures

TEMPORARY STABILIZATION:

Apply: 2000 lbs./ac. or 46 lbs of pulverized dolomic limestone. 500 lbs./ac. or 11.5 lbs./1000 sq.ft. of 10-10-10 fertilizer. Plant with ryegrass at 40 lbs./ac. Mulch all disturbed areas immediately after grading.

PERMANENT STABILIZATION:

Apply: 2000 lbs./ac. of pulverized dolomic limestone
500 lbs./ac. of 10-10-10 fertilizer

Seed : 85 lbs./ac. of Kentucky 31 tall fescue
40 lbs./ac. of Kentucky blue grass
25 lbs./ac. of annual ryegrass

Note : Seeding may be done between March 1-May 1, or August 1-October 1 only. Mulch all disturbed areas immediately after grading.

Mulch: 2 tons/ac. of unweathered wheatstraw. Tie mulch down with 480 gals./ac. of liquid asphalt.

MANUFACTURING YARD - 6" MINIMUM CRUSHER RUN, COMPACTED OVER COMPACTED SUBGRADE.

APPROVED: For PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS
HEALTH DEPARTMENT. 4-11-78
DATE
HOWARD COUNTY OFFICE OF PLANNING AND ZONING. 7-14-78
DATE
CHIEF, DIVISION OF LAND DEVELOPMENT 7-14-78
DATE
APPROVED: DRAINAGE SYSTEMS AND PUBLIC ROADS. STORM
DIRECTOR 7/13/78
DATE
CHIEF, BUREAU ENGINEERING 7-13-78
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 5-18-78

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

C. Wayne Ray 6-13-78
HOWARD SOIL CONSERVATION SERVICE DATE

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

Wes Earp 6-13-78
SOIL CONSERVATION DISTRICT DATE

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY. DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

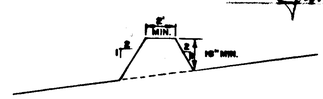
JOHN A. BOENDER, AGENT 4/3/78
OWNER PER DATE

ENGINEER'S CERTIFICATE

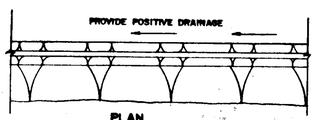
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

STATE OF MARYLAND — RODOLPH LEE MAY JR. — NO. 8190 — REGISTERED PROFESSIONAL ENGINEER

R. RODOLPH MAY JR. 4-13-78



SECTION



PLAN
PERIMETER DIKE
NO SCALE

REV.: 6/2/78 W.N. (HO. CO. COMMENTS)

STATE OF MARYLAND — RODOLPH LEE MAY JR. — NO. 8190 — REGISTERED PROFESSIONAL ENGINEER

Rodolph May Jr.

OWNER & DEVELOPER
MAYER BROS., INC
6264 RACE ROAD
ELKRIDGE, MD 21227

TITLE: SEDIMENT CONTROL & DRAINAGE AREA MAP			
PROJECT: MAYER BROS. STORAGE BUILDING			
LOCATION: 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND			
DATE: APRIL 18, 1978	DESIGN BY: R.L.M.	DRAWN BY: W.H.N	CHECKED BY: R.L.M.
SCALE: 1" = 30'	JOB NO.: 7843	DRAWING NO.: 2 OF 2	

boender associates
SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
ELLICOTT CITY, MARYLAND 21043
BALTIMORE 301-465-7777 SALISBURY 301-749-1286
engineers surveyors planners

SDP-78-102