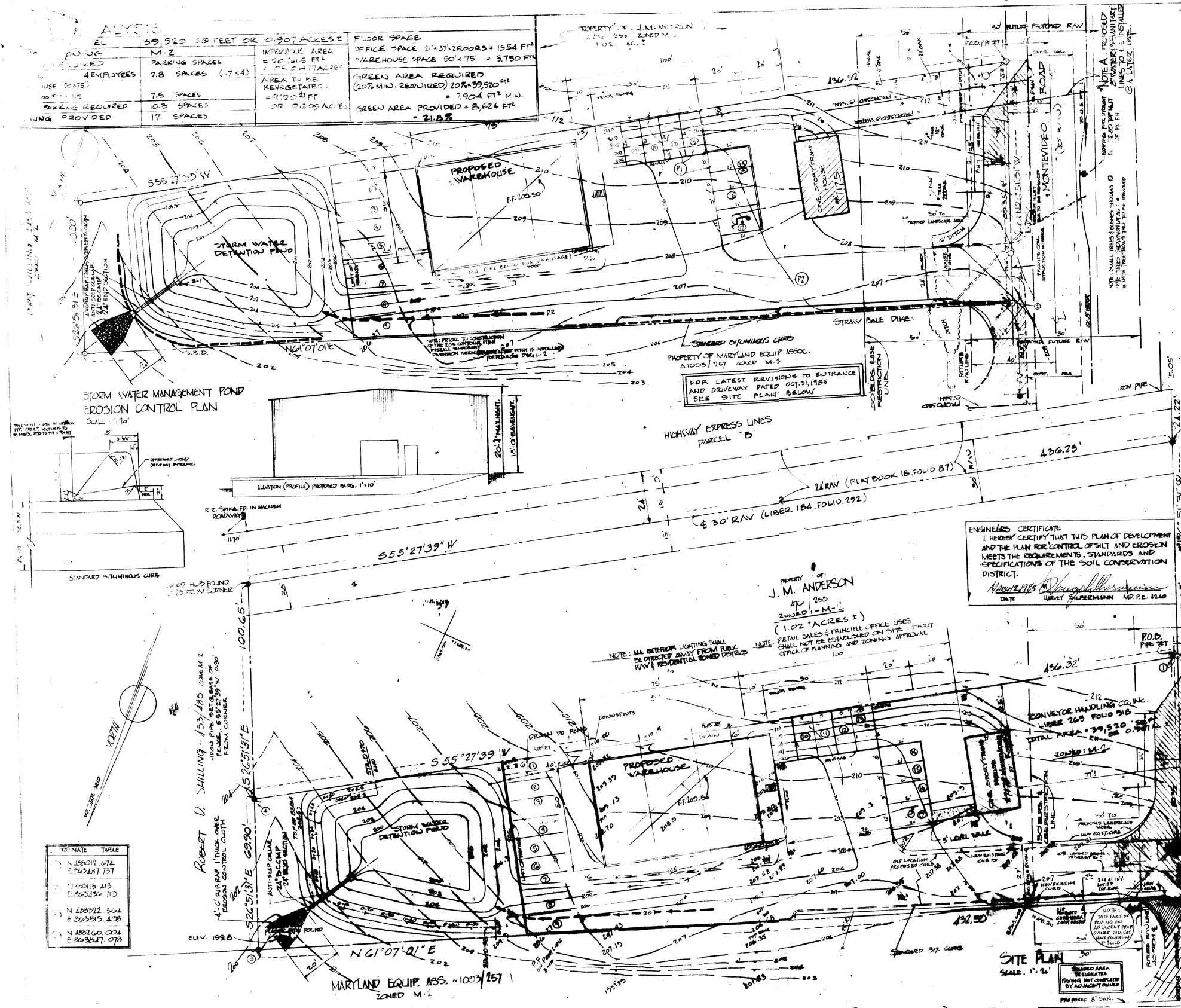
ALYSIS		
EL	39,520 SQ. FEET OR 0.907 ACRES	
ZONING	M-2	
REQUIRED	PARKING SPACES	IMPERVIOUS AREA = 20,161.5 FT² = 0.463 ACRES
4 EMPLOYEES	7.8 SPACES (.7×4)	AREA TO BE REVEGETATED: = 19,222 FT² OR 0.209 ACRES
HOUSE 50×75		
00 FT. 1.5	7.5 SPACES	
PARKING REQUIRED	10.3 SPACES	
PARKING PROVIDED	17 SPACES	

FLOOR SPACE
OFFICE SPACE 21'×37'×2 FLOORS = 1554 FT²
WAREHOUSE SPACE 50'×75' = 3,750 FT²

GREEN AREA REQUIRED
(20% MIN. REQUIRED) 20% × 39,520 FT²
= 7,904 FT² MIN.
GREEN AREA PROVIDED = 8,624 FT²
= 21.8%



COORDINATE TABLE
N 488012.674 E 363287.737
N 488113.213 E 363330.110
N 488322.364 E 363385.428
N 488260.004 E 363287.078

ENGINEERS CERTIFICATE
I HEREBY CERTIFY THAT THIS PLAN OF DEVELOPMENT AND THE PLAN FOR CONTROL OF SILT AND EROSION MEETS THE REQUIREMENTS, STANDARDS AND SPECIFICATIONS OF THE SOIL CONSERVATION DISTRICT.
MARCH 2, 1983 — DATE — HARVEY SILBERMANN MD. P.E. #4240

I/WE HEREBY CERTIFY 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. THE SEDIMENT CONTROL INSPECTOR IS AUTHORIZED TO ENTER THE PROPERTY AT ANY TIME.
DEVELOPER (ANTHONY ALVAREZ) — DATE: MARCH 2, 1983

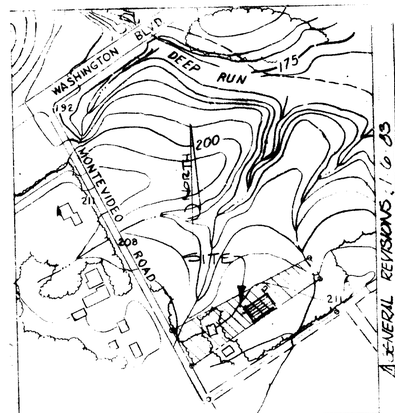
U.S. SOIL CONSERVATION SERVICE
THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.
4-5-83
U.S. SOIL CONSERVATION DISTRICT — DATE

HOWARD SOIL CONSERVATION SERVICE
THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
4-4-83
HOWARD SOIL CONSERVATION DISTRICT — DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 2-1-83

REVISED 9-15-83
• REVISED ENTRANCE & DRIVEWAY - OCT. 31, 1985 HARVEY SILBERMANN P.E. MD. P.E. #4240

OWNER: ANTHONY ALVAREZ
7175 MONTEVIDEO ROAD
HOWARD COUNTY, MARYLAND
FIRST ELECTION DISTRICT



VICINITY & DRAINAGE AREA MAP
SCALE: 1" = 200'

SITE DEVELOPMENT PLAN REQUIREMENTS : PREPARATION INFO.

APPROVED: FOR PUBLIC WATER, DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPT. OF PUBLIC WORKS
4-8-83 DATE
4-8-83 DATE

APPROVED FOR PUBLIC WATER AND PRIVATE SEWERAGE SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
4-12-83 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
4/14/83 DATE
4-14-83 DATE

I HEREBY CERTIFY THAT THIS PLAN OF DEVELOPMENT AND THE PLAN FOR CONTROL OF SILT AND EROSION MEETS THE REQUIREMENTS, STANDARDS AND SPECIFICATIONS OF THE SOIL CONSERVATION DISTRICT.
MARCH 2, 1983 — DATE — HARVEY SILBERMANN MD. P.E. #4240

DWG. # 1 OF 1
JOB No.: 82108.3
DATE: NOV. 4, 1982
SCALE: 1" = 20'
DESIGN: H.S. SILBERMANN
DRAWN: H.S. SILBERMANN

GENERAL REVISIONS, 1-6-83

ERMANN ASSOCIATES
CIVIL ENGINEERS
BALTIMORE, MARYLAND

PROPOSED WAREHOUSE SITE
STORM WATER MANAGEMENT PLAN
EROSION CONTROL PLAN

ANTHONY ALVAREZ ~ OWNER
CONVEYOR HANDLING COMPANY, INC.
7175 MONTEVIDEO ROAD - HOWARD CO.
20794 MARYLAND
FIRST ELECTION DISTRICT — TAX MAP 47 — PARCEL 372

SDP-83-53

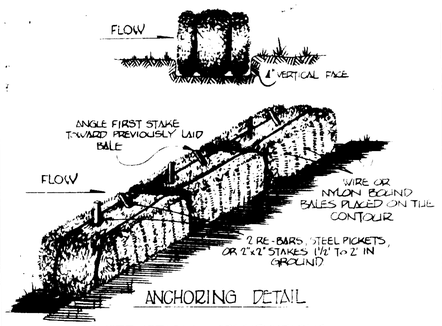
PAVEMENT FOR PUBLIC RIGHT OF WAY

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT SECTION PRIMARY	PAVEMENT SECTION ALTERNATE
P-3	RESIDENTIAL ZONED MINOR & MAJOR COLLECTORS, MINOR COMMERCIAL, INDUSTRIAL ZONES LOCALLY, CUL DE SAC STREET, ALLEYS, PARKING AREAS, APARTMENTS & COMMERCIAL INDUSTRIAL ZONES WITH MORE THAN 10 HEAVY TRUCKS PER DAY	1½" BITUMINOUS CONC. SURFACE 2½" BITUMINOUS CONC. BASE 6" GRADED AGGREGATE BASE COURSE	1½" BITUMINOUS CONC. SURFACE 2½" BITUMINOUS CONC. BASE 6" GRADED AGGREGATE BASE COURSE

PAVING DETAILS - TRUCKING & AUTO PARKING

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 2-1-83

STRAW BALE DIKE



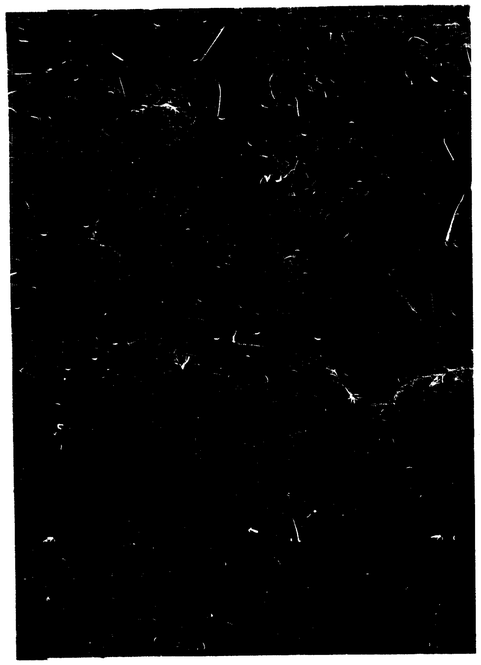
ANCHORING DETAIL

CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR RE-BARS ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

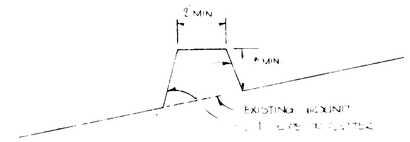
*DRAINAGE AREA LESS THAN ½ ACRE.

S.B.P.
STANDARD SYMBOL



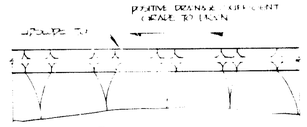
PERIMETER DIKE

(NOT TO SCALE)



WOOD SECTION

POSITIVE DRAINAGE (SLIGHT GRADE TO OUTLET)



PLAN VIEW

CONSTRUCTION SPECIFICATIONS

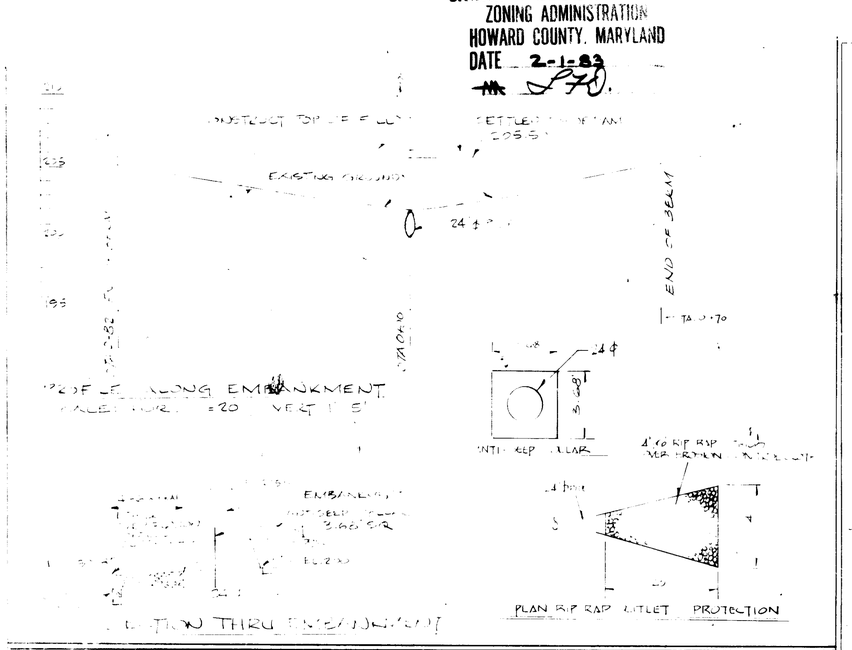
1. ALL DIKES SHALL BE MACHINE COMPACTED.
2. ALL PERIMETER DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. A. DIVERTED RUNOFF FROM A PROTECTED OR STABILIZED UPLAND AREA SHALL OUTLET DIRECTLY ONTO AN UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER OR GRAVEL STABILIZATION STRUCTURE.
   B. DIVERTED RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA MAY BE CONVEYED TO A SEDIMENT BASIN OR TO AN AREA PROTECTED BY ANY OF THESE PRACTICES.
4. STABILIZATION, WHEN REQUIRED, SHALL BE DONE IN ACCORDANCE WITH STANDARD AND SPECIFICATIONS FOR GRASSED WATERWAYS. THE MINIMUM AREA TO BE STABILIZED SHALL BE THE CHANNEL FLOW AREA.
5. PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED.

*DRAINAGE AREA LESS THAN 5 ACRES

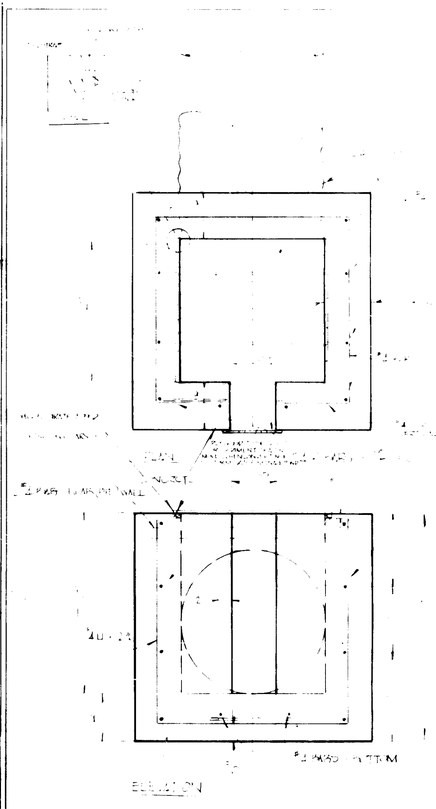
STANDARD SYMBOL P.D.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	PERIMETER DIKE	STANDARD DWG. PD-1

SILBERMANN & ASSOCIATES
engineers, planners, surveyors
661-5888
1703 E. JOPPA ROAD, BALTIMORE, MARYLAND 21234



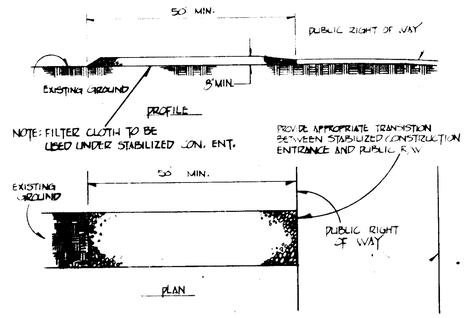
SECTION THRU EMBANKMENT



INLET STRUCTURE S-1
SCALE: 1" = 10'

STABILIZED CONSTRUCTION ENTRANCE

(NOT TO SCALE)



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE MSHA SIZE No 2 (2½" TO 1") OR AASHTO DESIGNATION M 43, SIZE No 2 (2" TO 1½"). USE CRUSHED STONE.
2. LENGTH AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
3. THICKNESS NOT LESS THAN 8 INCHES.
4. WIDTH NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
5. WASHING WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
6. MAINTENANCE: THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAYS MUST BE REMOVED IMMEDIATELY.

STANDARD SYMBOL

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MD.	STABILIZED CONSTRUCTION ENTRANCE	STANDARD DWG. SCE-1

PUBLIC WATER & SEWERAGE

F. Neumann 4-8-83
DATE

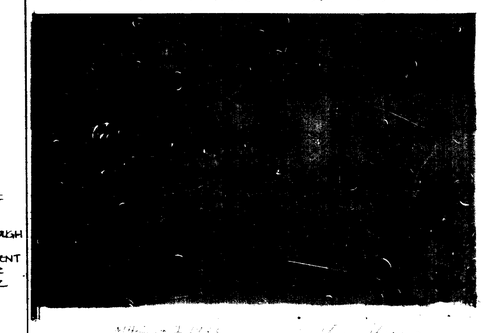
4-8-83
DATE

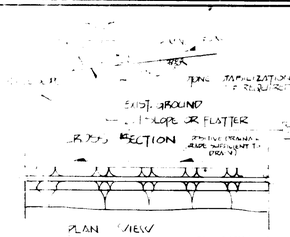
PUBLIC WATER & PRIVATE SEWERAGE SYSTEM

4-12-83
DATE

4-14-83
DATE

ACTING 4-14-83





CONSTRUCTION SPECIFICATIONS

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MD.	DIVERSION DIKE	STANDARD DWG.

4-4-83

4-5-83

SDP-83-53