

ENGINEER'S CERTIFICATE

I HEREBY 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 OF ENGINEER _____ DATE _____

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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 ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

SIGNATURE OF DEVELOPER _____ DATE _____

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION SERVICE _____ DATE _____

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

APPROVED: _____ DATE 1/26/83

DISTRICT COORDINATOR HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR PUBLIC WATER, STORM DRAINAGE SYSTEMS AND ROADS.

DIRECTOR, PUBLIC WORKS _____ DATE 1-29-83

CHIEF, BUREAU OF ENGINEERING _____ DATE 1-28-83

APPROVED: OFFICE OF PLANNING AND ZONING

DIRECTOR, PLANNING & ZONING _____ DATE 2-2-83

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION _____ DATE 2-2-83

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

HEALTH OFFICER _____ DATE 2-1-83

SEDIMENT CONTROL NOTES

1. Specifications for the Sediment Control Details shown hereon are included in the U.S.D.A. Soil Conservation Service "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas."

2. The developer shall notify the Howard County Office of Inspection and Permits at least 24 hours prior to beginning any construction shown hereon (992-2433).

3. Sediment control structures to be constructed prior to any on-site grading or disturbance to any existing surface material, and are to be stabilized as soon as constructed.

4. All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Office of Inspection and Permits. (992-2433)

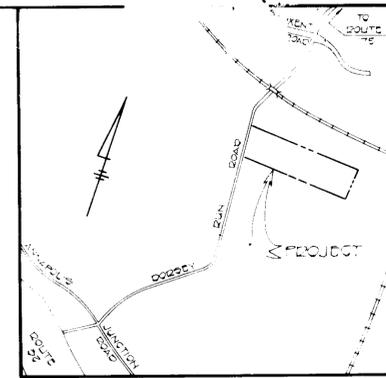
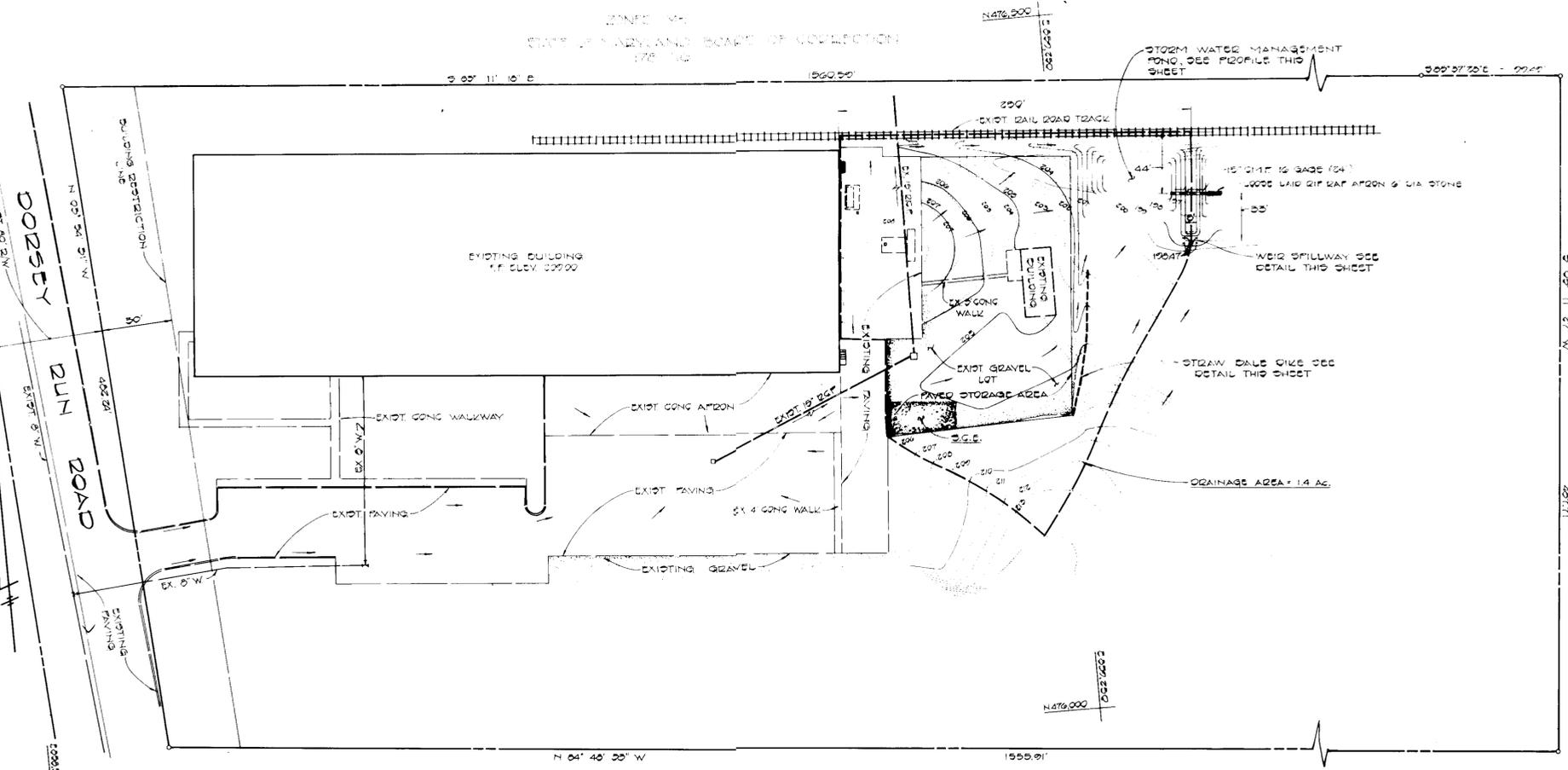
5. All graded areas not to be sodded shall be stabilized by seeding and mulching in accordance with the following:

- Site Preparation
 - Harrow or disc in areas proposed to be seeded the following materials:
 - Pulverized limestone at 2 tons/acre.
 - Commercial fertilizer 10-10-10 at 3/4 tons/acre.
 - Super phosphate at 600 lbs./acre.

- Seeding
 - Sow the following seed mixture at the rate of 200 lbs./acre with a mechanical spreader.
 - Temporary: Italian or Perennial Rye Grass
 - Permanent: 40% Marion Blue Grass, 40% South Dakota Blue Grass and 20% Penn Lawn Creeping Fescue.
 - The seeded area shall then be raked with a York Rake (a minimum of 2 passes) covered and compacted with Cultipacker or other approved method.

- Mulching
 - Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 - 2 tons/acre.
 - Tie mulch down with liquid asphalt at 0.1 gal./s.y. or emulsified asphalt at 0.04 gal./s.y. or mulch netting.

6. A grading plan must be developed by the builder and approved before beginning construction of dwellings.

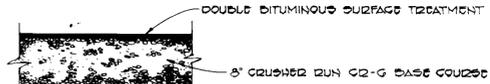


VICINITY MAP
SCALE: 1" = 1200'

BENCH MARK
FINISHED FLOOR SLEV. OF WAREHOUSE - 200.00

BALTIMORE & OHIO RAILROAD CO.
450/506 & 454/581
ZONED M-1

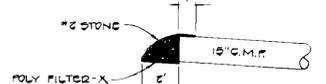
OWNER & DEVELOPER
FRANK A. SERIO
8441 DORSEY RUN ROAD
JESSUP, MARYLAND 20704



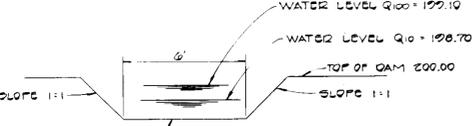
PAVING SECTION
NO SCALE

GENERAL NOTES

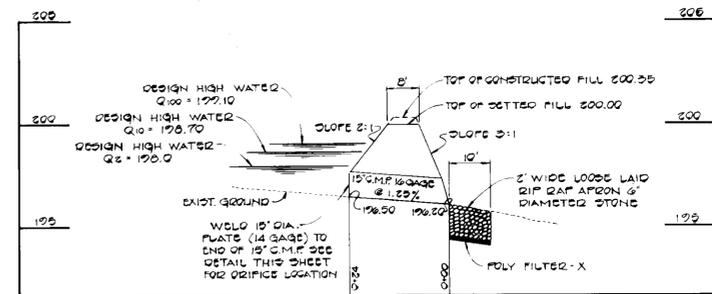
- TOTAL AREA OF TRACT 17.625 AC. ±.
- TOTAL AREA WITHIN THIS SUBMISSION 0.8 AC. ±.
- SITE ANALYSIS
AREA TO BE PAVED 0.5 AC. ±.
AREA TO BE VEGETATED 0.3 AC. ±.
- PRESENT ZONING M-2 HEAVY MANUFACTURING
- THE PROPERTY IS LOCATED ON TAX MAP 4B, PARCEL 161, AND RECORDED AS PLAT #3561.
- ALL PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY CONSTRUCTION INSPECTION/SURVEY DIVISION 24 HOURS PRIOR TO COMMENCEMENT OF WORK AT 992-2418.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 559-0100 A MINIMUM OF THREE DAYS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON.



BLOCKING DETAIL @ 15" C.M.P.
NO SCALE



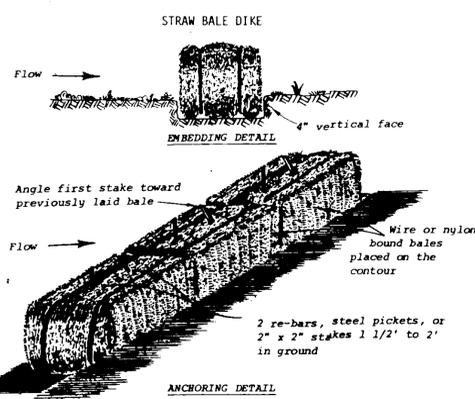
WEIR SPILLWAY DETAIL
NO SCALE



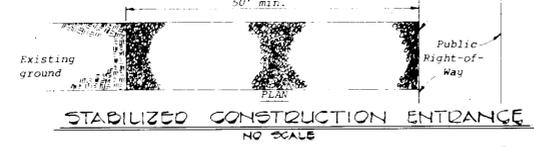
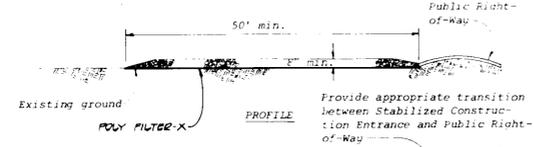
STORM WATER MANAGEMENT POND
PROFILE
NO SCALE

CONSTRUCTION SEQUENCE

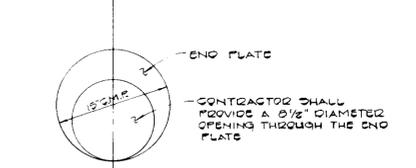
- OBTAIN GRADING PERMIT.
- CONSTRUCT STORM WATER MANAGEMENT POND AND STABILIZE USING TEMPORARY SEEDING.
- THE ORIFICE AT THE 15" CMP SHALL BE BLOCKED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET. THE ORIFICE SHALL REMAIN BLOCKED UNTIL SUCH TIME WHEN THE SEDIMENT BASIN TRANSITIONS TO FUNCTION AS A STORM WATER MANAGEMENT POND.
- INSTALL STRAW BALE DIKE.
- GRADE SITE TO SUBGRADE, LAY BASE COURSE AND SURFACE COURSE.
- DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASIN WHEN THE CLEAN OUT ELEVATION 197.80 HAS BEEN REACHED.
- AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURE SHOWN HEREON.
- THE SEDIMENT BASIN SHALL BE DEWATERED BY PUMPING.
- THE SEDIMENT FROM THE BASIN SHALL BE PLACED ON THE SLOPE ALONG THE EAST SIDE OF THE PAVED AREA.
- THE STORM WATER MANAGEMENT POND SHALL BE GRADED IN ACCORDANCE WITH THIS SHEET AND STABILIZED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATIONS.
- INSTALL RIP RAP APRON.
- REMOVE STRAW BALE DIKE.
- ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.



ANCHORING DETAIL



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



ORIFICE DETAIL
NO SCALE

FISHER, COLLINS & CARTER, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
8900 COLIET AVENUE
SUITCOTT CITY, MARYLAND 21043
491-2050

10-19-82
SITE DEVELOPMENT PLAN
Property of
FRANK A. SERIO & SONS
(HAMILTON TRACT SUBDIVISION, PAR. 1)
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TAX MAP NO. 4B PARCEL 161
SCALE: 1" = 90' SEPTEMBER 21, 1982
STORM WATER MANAGEMENT & PAVEMENT ADDITION TO SDP-TT-07