

**ENGINEER'S CERTIFICATE**  
 THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL IS A PRACTICAL AND WORKABLE PLAN THAT TAKES INTO ACCOUNT THE KNOWLEDGE OF THE SITE CONDITIONS AND THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

DATE: 2/28/84  
 SIGNATURE OF ENGINEER: [Signature]

**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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DATE: 2/28/84  
 SIGNATURE OF DEVELOPER: [Signature]

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.  
 DATE: 4-24-84  
 U.S. SOIL CONSERVATION SERVICE

APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
 DATE: 4-24-84  
 DISTRICT: HOWARD COUNTY SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS, FOR SYSTEMS AND ROADS.  
 DATE: 4-27-84  
 DIRECTOR: PUBLIC WORKS

APPROVED: CHIEF, BUREAU OF ENGINEERING.  
 DATE: 4-26-84

APPROVED: OFFICE OF PLANNING AND ZONING.  
 DATE: 5-8-84  
 PLANNING DIRECTOR

APPROVED: CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION.  
 DATE: 5-7-84

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT. NO SANITARY FACILITIES REQUIRED.  
 DATE: 5-1-84  
 HEALTH OFFICER

**LEGEND**

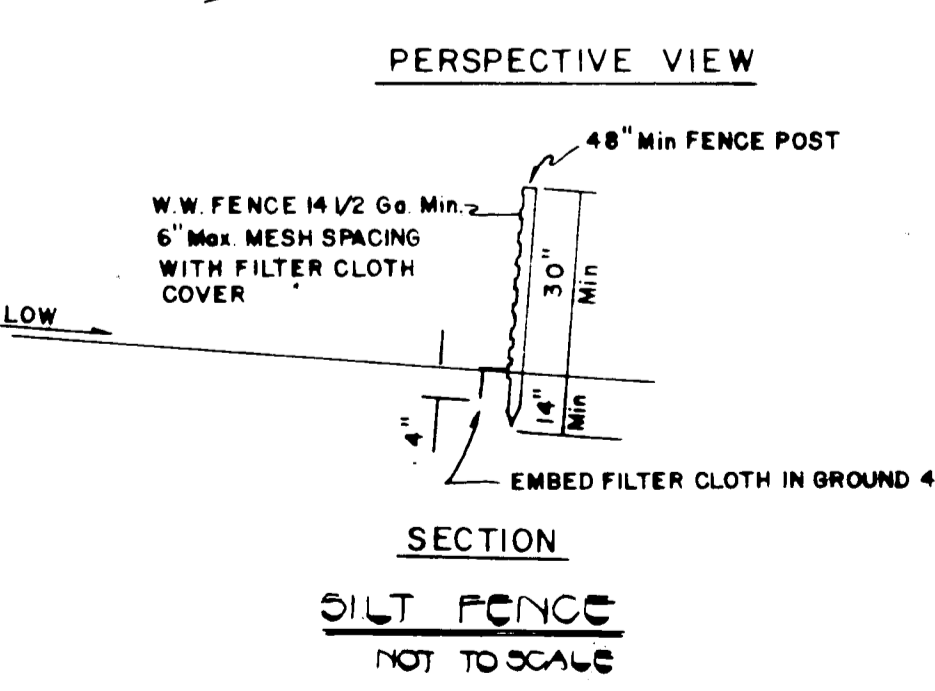
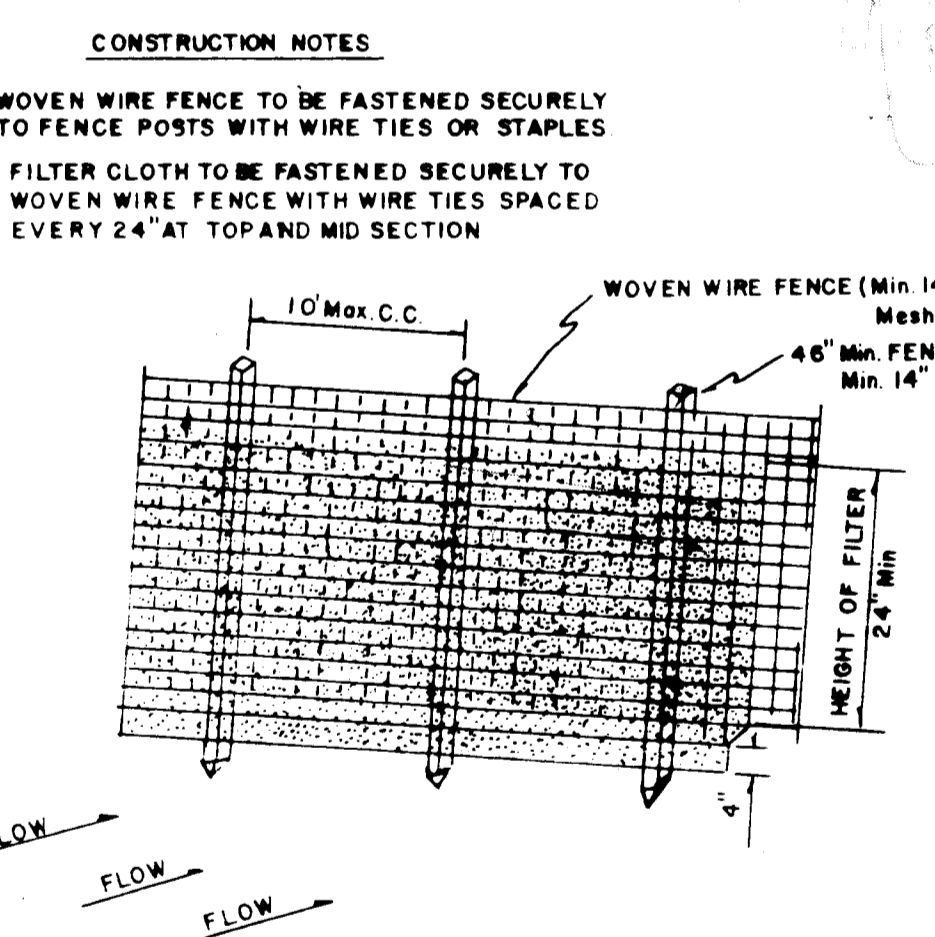
EXISTING CONTOUR (2' INTERVAL)	---
PROPOSED CONTOUR (1' INTERVAL)	---
SPOT ELEVATION	---
DRAINAGE FLOW	---
RETAINING WALL	---
EX. WOODS TO BE SAVED	---
STRAW BALE DIKE (S.B.D.)	---
SILT FENCE (S.F.)	---
STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)	---
PERIMETER DIKE (P.D.)	---

**SEDIMENT CONTROL NOTES**

- SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS INCLUDED IN THE U.S.D.A. SOIL CONSERVATION SERVICE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS."
- THE DEVELOPER SHALL NOTIFY THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS AT LEAST 24 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION SHOWN HEREON (792-7272).
- 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.
- ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (792-7272).
- 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 SEED THE FOLLOWING MATERIALS:
      - PULVERIZED LIMESTONE AT 10 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% DAKOTA BLUE GRASS, AND 20% PENN LAWN CREEPING FESCUE.
      - THE SEEDING AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
  - MULCHING
    - SEEDING 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.

**CONSTRUCTION SEQUENCE**

- OBTAIN GRADING PERMIT.
- INSTALL STRAW BALE DIKE/SILT FENCE.
- CLEAR & GRUB SITE, GRADE TO SUBGRADE.
- CONSTRUCT BASKETBALL COURT AND MACADAM PATHWAY.
- FINE GRADE SITE AND STABILIZE WITH SEED & MULCH.
- REMOVE STRAW BALE DIKE/SILT FENCE AND STABILIZE WITH SEED & MULCH.



**SITE ANALYSIS**

- TOTAL AREA OF PARCEL OR LOT: 10.391 AC.
- TOTAL AREA TO BE DISTURBED: 0.5 AC.
- TOTAL IMPERVIOUS AREA: 0.1 AC.
- TOTAL AREA TO BE REVEGETATED: 0.4 AC.

