

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.
- 2. INSTALL THE REQUIRED SEDIMENT AND EROSION CONTROL DEVICES-SEE STRAW BALE DIKE DETAILS, CONSTRUCTION SPECIFICATIONS AND
- LOCATIONS SHEET 1 OF 2. 3. CLEAR AND GRUB AS NECESSARY - ONLY WITHIN 20' SEWER AND
- UTILITY EASEMENT SHOWN ON SHEET 1 OF 2. 4. EXCAVATE TRENCH - PLACE EXCAVATED MATERIAL ON THE UPGRADE
- SIDE OF THE SEWER MAIN TRENCH. 5. INSTALL SEWER MAIN AND APPURTENANCES AND BACKFILL SEWER MAIN
- 6. THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON ALL SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN ON SHEET 1 AFTER EACH RAINFALL AND ON A DAILY BASIS.
- 7. FINE GRADE DISTURBED AREAS TO ORIGINAL CONTOURS. 8. STABILIZE, SEED AND MULCH ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT STABILIZATION AND SEEDING NOTES SHOWN ON
- THIS SHEET. 9. FOLLOWING SUCCESSFUL STABILIZATION OF ALL DISTURBED AREAS. AND AFTER PERMISSION HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE ALL EROSION AND SEDIMENT CONTROL DEVICES.

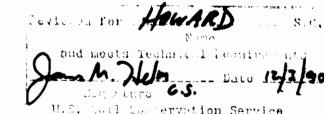
SEE SHEET I OF 2 FOR PLAN & PROFILE OF 8" SEWER MAIN

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SED-IMENT 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 REQUIRE MENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATE

WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR ERUSION 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 SED-IMENT AND EROSION BEFORE BEGINNING THE PROJECT LALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY"



PERMANENT STABILIZATION AND SEEDING NOTES

1. REFERENCE SECTION 701 OF THE HOWARD COUNTY STANDARD

2. REFERENCE SUBSECTION 701.03 FOR CONSTRUCTION REQUIREMENTS REGARDING PERMANENT SEEDING. 3. LIMESTONE: APPLY LIMESTONE AT THE RATE OF 11 TONS

4. FERTILIZER: APPLY FERTILIZER AT THE RATE OF 600

5. PERMANENT SEED SHALL CONFORM TO THE REQUIREMENTS.

SECTION 701.02 OF THE HOWARD COUNTY STANDARD

CHIPS WITH A COVERAGE OF 11 INCHES IN DEPTH.

ACRE ON CLAY OR CLAY LOAM SOILS.

PER ACRE.

SPECIFICATIONS.

ANCHORING ALTERNATIVES.

SPECIFICATIONS FOR COMPLETE REQUIREMENTS REGARDING PERMANENT STABILIZATION AND SEEDING OF ALL DISTURBED

PER ACRE ON SANDY AND SILTY SOILS AND 2.3 TONS PER

POUNDS OF 0-20-20 PER ACRE WITH LIMESTONE APPLICATION (SEE ABOVE). IMMEDIATELY PRIOR TO SEEDING. APPLY 400 POUNDS OF 38-0-0 UREAFORM AND 500 POUNDS OF 10-20-20

MIXTURES AND APPLICATION RATES AS SPECIFIED IN SUB-

6. MULCH SHALL BE CLEAN, WEED-FREE, UNROTTED STRAW APPLIED

7. MULCH SHALL BE ANCHORED WITH CUT BACK AND EMULSIFIED

FEET. REFERENCE SUBSECTION 701.03.03 FOR MULCH

AT THE RATE OF NOT LESS THAN 11 TONS PER ACRE OR WOOD

ASPHALT APPLIED AT A RATE OF 5 GALLONS PER 1000 SQUARE

STANDARD SEDIMENT CONTROL NOTES:

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY

2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS

3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN; a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES. DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE

4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING

SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1. CHAPTER 12. OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE. 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS

AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING

(SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH

MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR

THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT

AREA TO BE VEGETATIVELY STABILIZED 0.10 ACRES

OFFSITE WASTE/BORROW AREA LOCATION N/A CU.YDS.

ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE

NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.

DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY

APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT

8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING

9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED. IF DEEMED

10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES.

CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH

8.15 ACRES(PARCEL'A)

0.10 ACRES

0.00 ACRES

N/A CU.YDS.

N/A CU.YDS.

6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE

CONSTRUCTION (992-2437).

PROJECT SITE.

CONTROL INSPECTOR.

TOTAL AREA OF SITE

AREA TO BE ROOFED OR PAVED

AREA DISTURBED

TOTAL CUT

TOTAL FILL

SAME DAY OF DISTURBANCE.

THE INSPECTION AGENCY IS MADE.

7. SITE ANALYSIS:

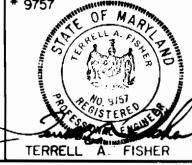
FOR SOIL EROSION AND SEDIMENT CONTROL.

CONTRACT NO. 20-3089-D COLUMBIA TOWN CENTER SECTION 3, AREA 2; PARCEL "A" WATER AND SEWER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

FISHER, COLLINS, AND CARTER, INC.

CONSULTING ENGINEERS AND LAND SURVEYORS 8388 COURT AVENUE ELLICOTT CITY, MARYLAND 21043



DES: PWK DRN SFH CHK PWK DATE 11/26/90 BY REVISION

EROSION & SEDIMENT CONTROL

DETAILS

DATE 600 SCALE MAP NO 36 BLOCK NO

COLUMBIA TOWN CENTER SECT. 3, AREA 2; PARCEL "A" / BANNEKER ROAD CONTRACT NO. 20 - 3089 - D

FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE

SHEET

2 of 2

AS-BUILT