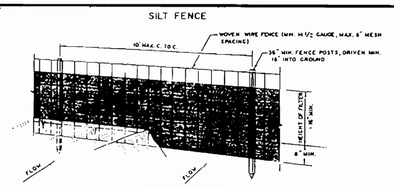
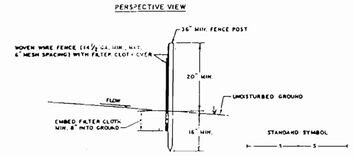
SILT FENCE



PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

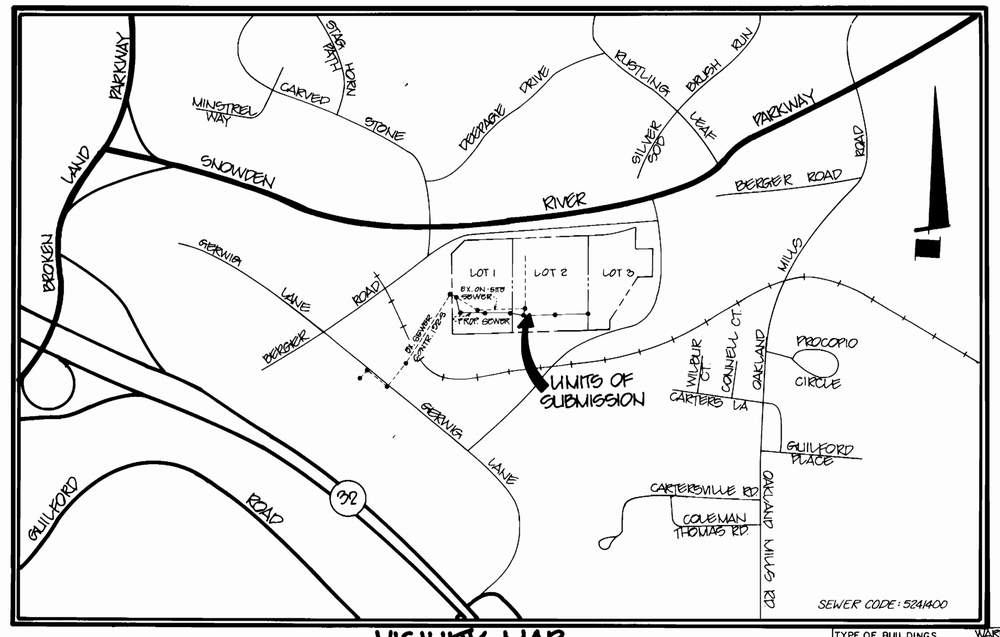
FENCE: WOVEN WIRE, 14½ GA. 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MARYLAND	SILT FENCE	STANDARD DRAWING SF-1

MIDWAY BUSINESS CENTER
HOWARD COUNTY, MARYLAND



VICINITY MAP
SCALE: 1" = 600'

TYPE OF BUILDINGS	WAREHOUSE
NUMBER OF LOTS	3
NUMBER OF WATER HOUSE CONNECTIONS	N/A
NUMBER OF SEWER HOUSE CONNECTIONS	1
DRAINAGE AREA	LITTLE PATUXENT

CONTRACT NO. 20-1929-D
SEWER
CONSTRUCTION PLANS

GENERAL NOTES

PART I

1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintian uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
2. All horizontal controls are based on Maryland State Coordinates.
3. All vertical controls are based on U.S.G.S. data.
4. All pipe elevations shown are invert elevations.
5. Clear all utilities by a minimum of 6". Clear all poles by 2'- 0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
6. For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction. The contractor shall have a copy of Volume IV on the job.
7. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
8. Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

   State Highway Administration - 531-5533
   Baltimore Gas & Electric Co. - Contractor Services - 850-4620
   Baltimore Gas & Electric Co. - Under Ground Damage Control - 859-9004
   Baltimore Gas & Electric Co. - Trouble Shooting - 298-9001
   Miss Utility - 1-559-0100
   Colonial Pipeline Co. - 795-1390
   Bureau of Utilities, Howard County Dept. of Public Works - 992-2366

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.

PART II - SEWER

1. All sewer mains shall be C.S.P.X., R.C.S.P., V.C.P.X., or P.V.C. unless otherwise noted.
2. The contractor shall provide a joint in all sewer mains within 2' - 0" of exterior manhole wall.
3. All manholes shall be 4' - 0" inside diameter unless otherwise noted.
4. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight manhole frame and cover is used, set top of frame 1'- 6" above finished grade unless otherwise noted on the drawings.

SEWER ABANDONMENT PROCEDURE AND CONSTRUCTION SEQUENCE

1. Existing flows shall be appropriately diverted while the proposed sewer is tied in at the existing manholes, while the existing pipes are abandoned, and while the manholes are reformed.
2. Proposed 8" sewer shall be placed and air pressure tested.
3. All channels and benches of manholes previously connected to abandoned pipes shall be reformed as required to conform to the proposed conditions.
4. All abandoned pipes shall be cut 2 feet from the manholes and a two foot section of the existing pipe shall be removed. The ends of the remaining abandoned pipe shall be sealed with caps of equivalent size and material and the abandoned stubs from the manholes shall be filled with brick bulkheads.
5. Frame, cover, and brick stack portion shall be removed from abandoned manholes.
6. All abandoned manholes shall be backfilled.

QUANTITIES			
ITEM	ESTIMATED	AS BUILT	MATERIAL/SUPPLIER
MANHOLE	7		
8" SEWER	1371 L.F.		

LEGEND

EXISTING SEWER	
PROPOSED SEWER	
EXISTING STORM DRAIN	
PROPOSED STORM DRAIN	
EXISTING WATER	
EXISTING GAS	G
EXISTING RAILROAD TRACKS	
EXISTING FENCE	x
PROPOSED SEWER R/W	

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND STANDARDS AND SPECIFICATIONS.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

SIGNATURE — DATE 6/28/89

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

APPROVED
HOWARD SCD — DATE 6/29/89

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS — DATE 6-30-89
CHIEF, BUREAU OF ENGINEERING & TRANSP. DATE 6/30/89
CHIEF, BUREAU OF UTILITIES — DATE 6-27-89
CHIEF, LAND DEVELOPMENT DIVISION — DATE 6/30/89

PHR&A
PATTON HARRIS RUST & ASSOCIATES, PC
7609 SURTAIN ROAD
ROCKVILLE, MARYLAND 20855
METRO 301-762-5000 BALT. 301-792-7244

STATE OF MARYLAND — EDWARD EDWARD FLOWERS — REGISTERED PROFESSIONAL ENGINEER

DES: KOR				
DRN: JDW.				
CHK:	3	REVISED - ORIGINALS SUBMITTED		6/30/89
	2	REVISED PER HO. CO. COMMENTS		5/8/89
DATE:	1	ISSUED TO HO. CO. FOR REVIEW		
	BY	NO.	REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. ____ BLOCK NO. ____

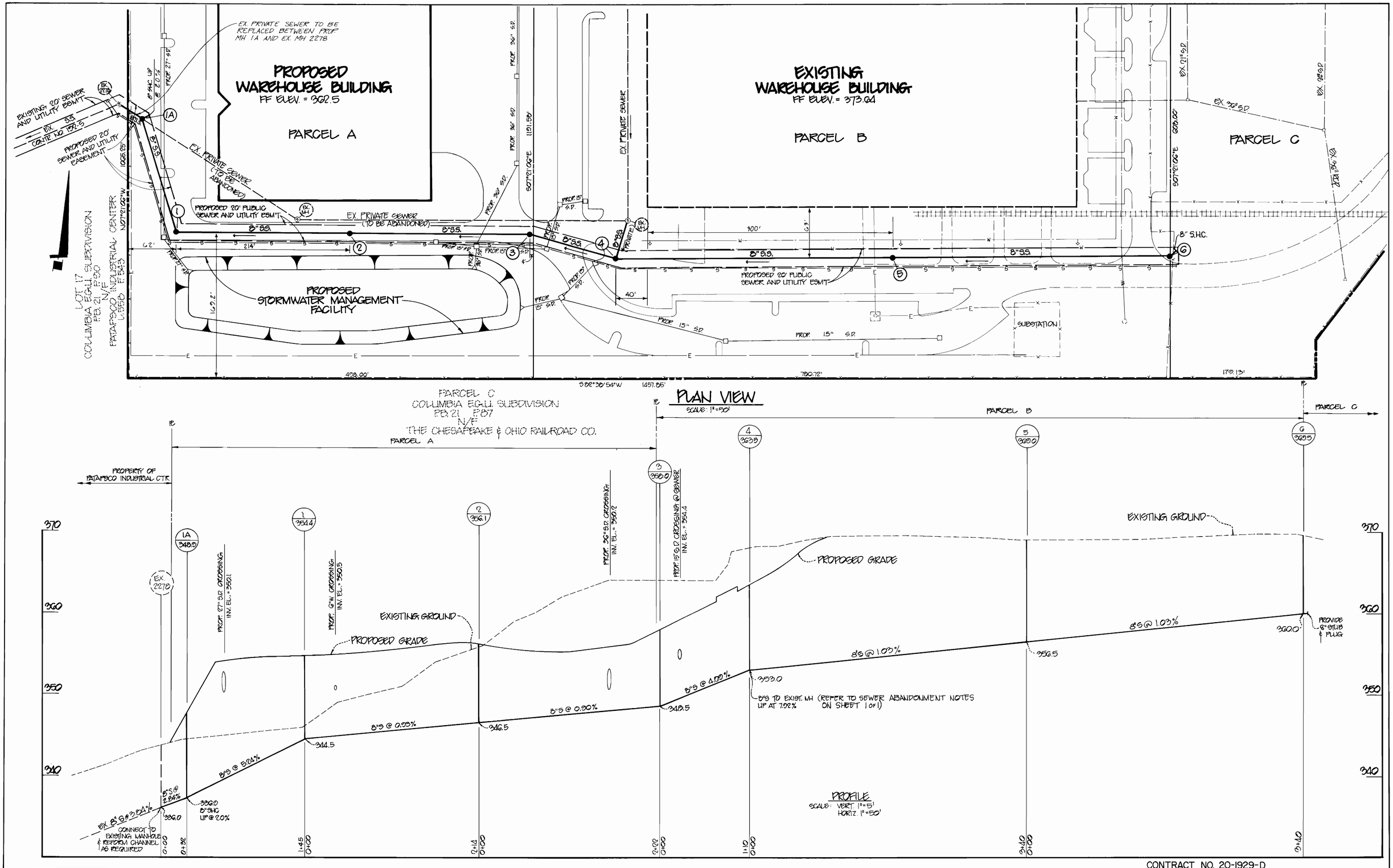
CONTRACT NO. 20-1929-D

MIDWAY BUSINESS CENTER
COLUMBIA E.G.U. SUBDIVISION, 1/1
P.B. 21 FOLIO 92 TAX MAP NO. 42
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 1 OF 2

69150 BRUNING



CONTRACT NO. 20-1929-D

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS — DATE
CHIEF, BUREAU OF ENGINEERING — DATE
CHIEF, BUREAU OF UTILITIES — DATE 6-27-89
CHIEF, LAND DEVELOPMENT DIVISION — DATE 6/30/89

PATTON HARRIS RIZZA & ASSOCIATES, INC.
2000 STANLEY HILL
ROCKVILLE, MARYLAND 20850
(301) 762 2220

STATE OF MARYLAND — RICHARD EDWARD LOWE — REGISTERED PROFESSIONAL ENGINEER

DES: BLP				
DRN: BLP JDW				
CHK:	3	REVISED - ORIGINALS SUBMITTED	6/23/89	
	2	REVISED PER HO. CO. COMMENTS	5/8/89	
DATE:	1	ISSUED TO HO. CO. FOR REVIEW		
	BY	NO.	REVISION	DATE

PLAN & PROFILE SEWER MAIN

600' SCALE MAP NO. _____ BLOCK NO. _____

MIDWAY BUSINESS CENTER

COLUMBIA E.G.U. SUBDIVISION, 1/1
P.B. 21 FOLIO 92 TAX MAP NO. 42
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 2 OF 2

69150
BRUNING