

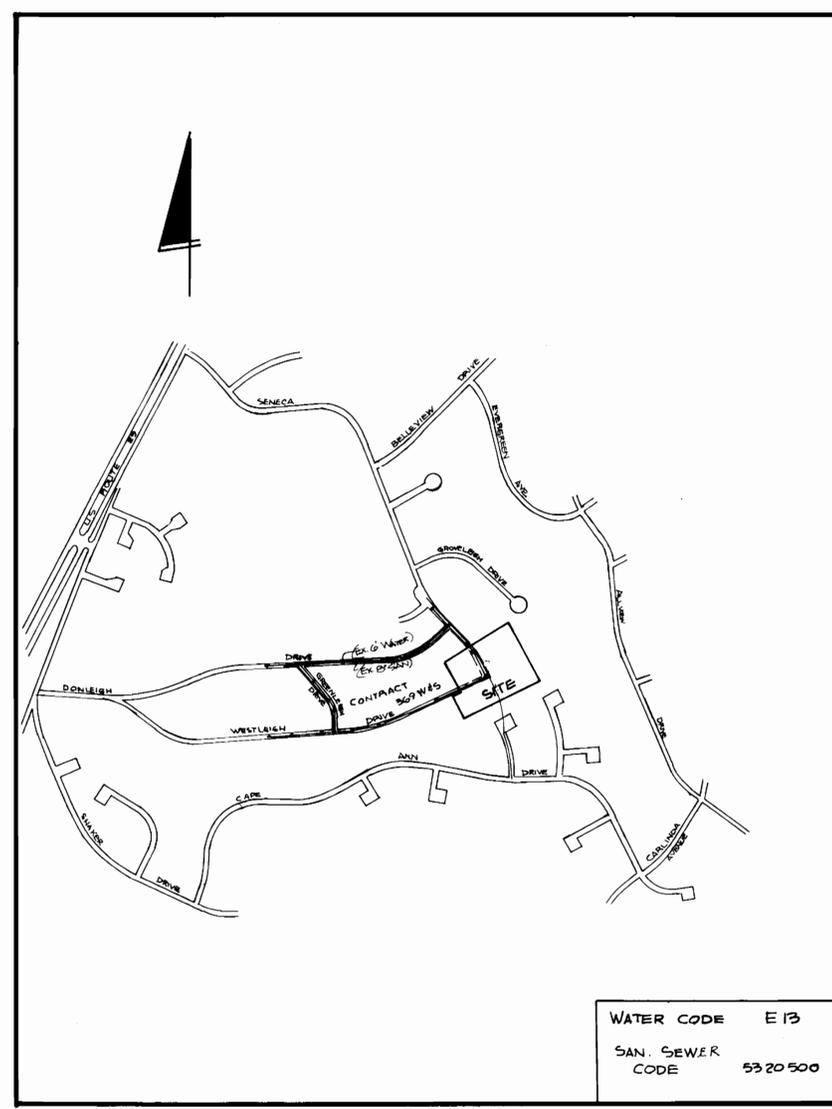
INDEX OF DRAWINGS

NO.	DESCRIPTION
1	TITLE SHEET & VICINITY MAP
2	PLAN & PROFILE - SENECA DRIVE WESTLEIGH DRIVE

TYPE OF BUILDING:	SINGLE FAMILY
NO. OF LOTS:	6
NO. OF W.H.C.:	6
NO. OF S.H.C.:	6
DRAINAGE AREA:	LITTLE PATUXANT

GENERAL NOTES

- All Construction to be in accordance with the Proposal Form, and the Howard County Standard Details and Specification for Construction (Refer to Volume IV of the Howard Co. Manual) as amended to date.
- Horizontal controls are based on the Maryland State Plan Coordinate System.
- Vertical controls are based on U.S.G.S Datum.
- Existing underground utilities are shown from the best available information, but no warranties or guarantee can be given of their correctness or completeness, nor for any conclusions drawn there from. The user shall verify all such information to his satisfaction.
- Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.
 - State Highway Administration - 531-5533
 - Baltimore Gas & Electric Company - Underground Electric Distribution Customer Service - 685-0123
 - Baltimore Gas & Electric Company - Underground Gas Distribution Customer Service - 685-0123
 - Engineering - Damage Control - 234-5621
 - Miss Utility - 1-559-0100
 - Chesapeake & Potomac (C&P) Telephone Company - 725-9976
 - American Telephone and Telegraph - Cable Location Division - 393-3553
 - Bureau of Utilities Howard County - 992-2366
- Approximate location of existing mains are shown. The contractor shall take necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the inspector, at the contractor's expense.
- Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing of poles shall be included in the unit price bid for excavating or backfill.
- Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities, at his own expense.
- For detail not shown on drawings use Howard County Standard Details.
- All pipe elevations shown are invert elevations.
- Trees are to be protected from damage to maximum extent. Tree located within the construction strip are not to be removed or damaged by the contractor.
- Contractor shall remove trees, stumps, and roots along line of excavation as directed by the Inspector. Payment for such removal shall be included in unit price bid for excavating and backfill.
- Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance - Operations.
- All water mains to be D.I.P. 52 Class unless otherwise noted.
- Top of all water mains to have a minimum of 3'-1/2" cover unless otherwise noted.
- Valves adjacent to trees shall be strapped to trees.
- Block all water main fittings with concrete.
- Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Detail W-111 of the Standard Specifications & Details.
- All water house connection shall be for an inside meter setting.
- Use 8"x6" saddles for the sewer house connections from the existing 8"-inch sewer main.
- The contractor shall not operate any water main valves on the existing system.
- All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C., or A.C.P. Class 2400 unless otherwise noted.
- The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- Water main and water house connection line must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
- Sediment Control Measures will be implement in accordance with Article No. 15 of the Specification & with Road Construction Plan drawings for Sediment & Erosion Control.



VICINITY MAP
SCALE: 1" = 600'

STANDARD DETAIL REFERANCES

A	SEWER HOUSE CONN.	S2.11
B	TWIN S.H.C. CONN.	S2.14
C	METER SETTING	W3.11

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE No. 15 OF THE SPECIFICATIONS AND WITH ROAD CONSTRUCTION PLAN F87-118

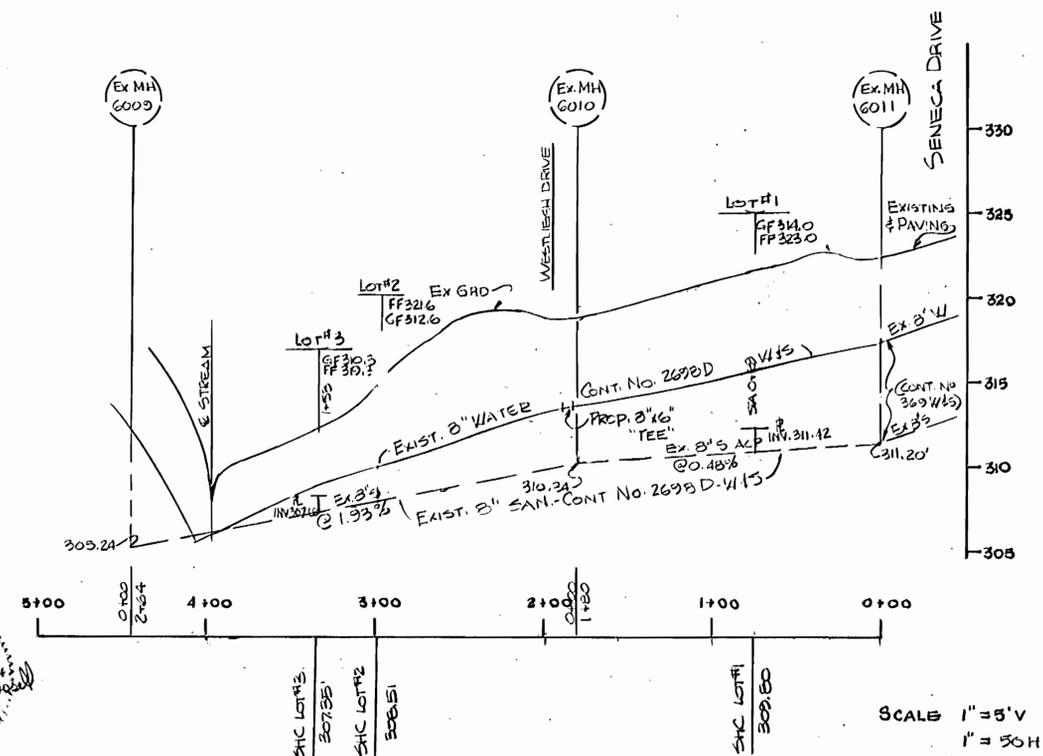
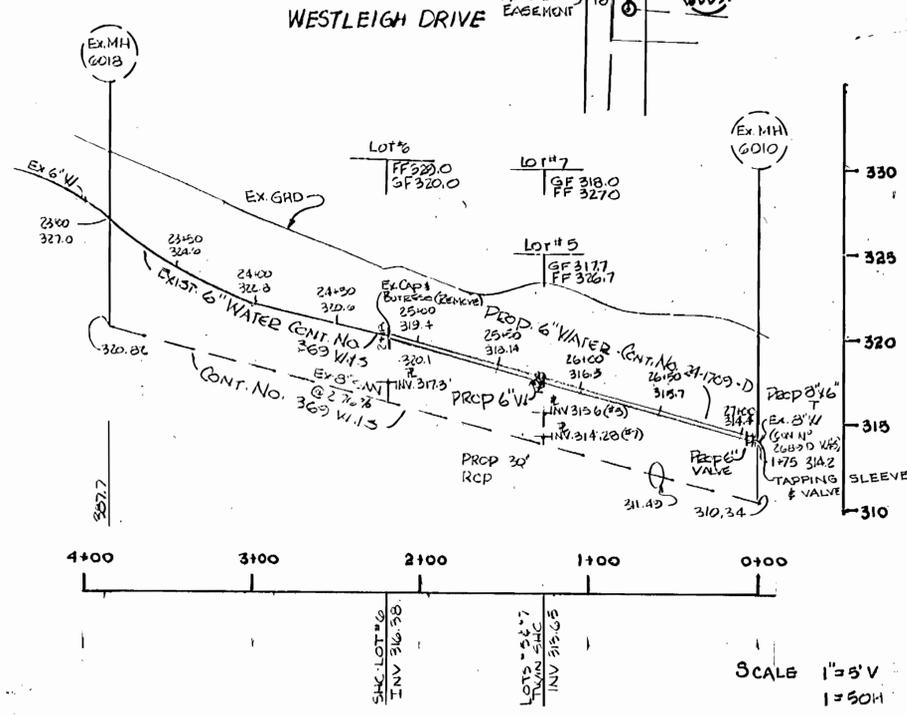
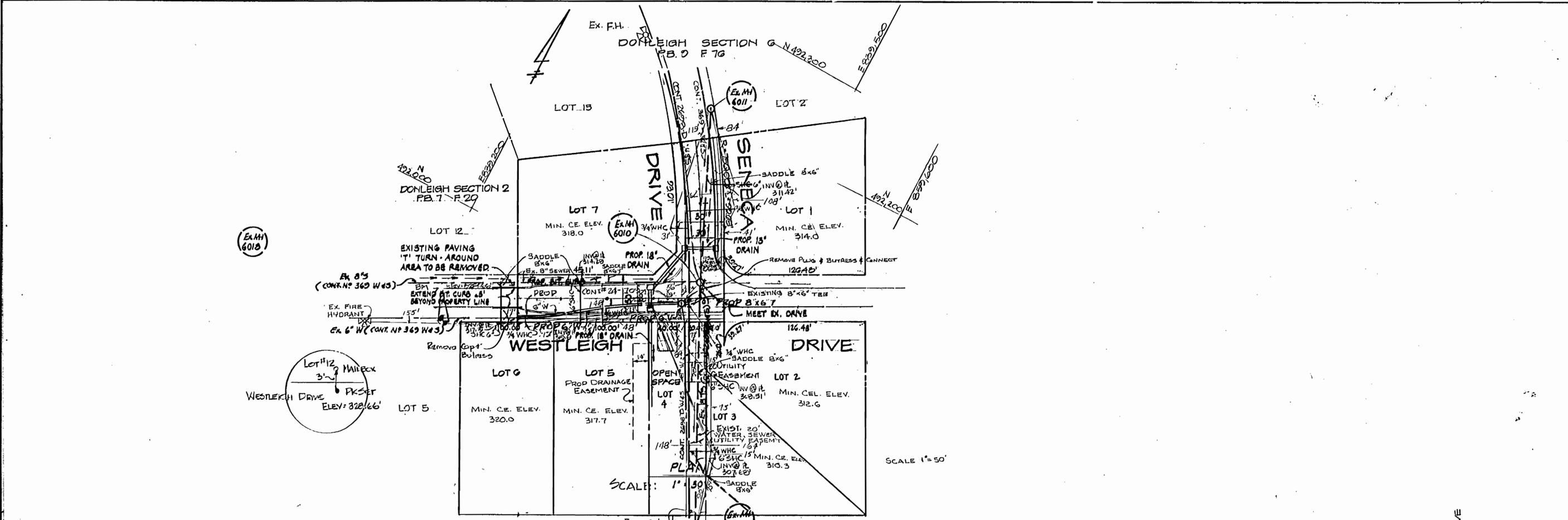
ITEM	QUANTITIES		MATERIAL-SUPPLIER
	ESTIMATED	AS BUILT	
6" WATER	239 L.F.	239 L.F.	CL52 D.I.P. by GRIFFIN
6" VALVE	1 EA.	1 EA.	CI by MUELLER
3/4" W.H.C.	117 L.F.	117 L.F.	TUBEK by CAMBRIDGE COPPER
6" SAN. H.C.	158 L.F.	158 L.F.	5 DIPS by PVC MANUFACTURING
8"x6" SADDLES	6 EA.	6 EA.	ROMAC INDUSTRIES

CONTRACT NO.- 24-1709-D
SECTION ONE
SENECA PLACE
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
ON SITE WATER AND SEWER MAINS

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
[Signature] 10/20/87
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE
This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.
APPROVED:
[Signature] 10/20/87
HOWARD S.C.D. DATE

PLAN
NOTE BOOK
NO. _____
DATE _____

ENGINEER
DATE
1/10/87



ENGINEER
I certify that this plan of Sediment Control is designed with my personal knowledge of the site condition and has been designed to the Standards and Specifications adopted by the Howard Soil Conservation District.
Richard U. Caspell
Engineer Date 1/10/87



ATLANTIC ENGINEERING CORP. CONSULTING ENGINEERS 198 PENNSYLVANIA AVE. WESTMINSTER, MD. 21157 (301) 876-1288	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS - DATE _____ CHIEF - BUREAU OF UTILITIES - DATE _____ CHIEF - BUREAU OF ENGINEERING - DATE _____ CHIEF - LAND DEVELOPMENT DIV - DATE _____		CONTRACT NO. 24-1709-D	PLAN AND PROFILES OF WATER AND SEWER MAINS	SENECA PLACE 6 TH ELECTION DISTRICT TAX MAP Nos. 36 42	SHEET No. 2 OF 2	DATE 1/10/87	DWN. BY: B.D.A. DSN. BY: M.F.F. CHK. BY: R.H.C.
	Keuffel & Esser Company PLATE 1, PLAN-PROFILE 48 7024 Made in U.S.A.				AS-BUILT 2-22-88			