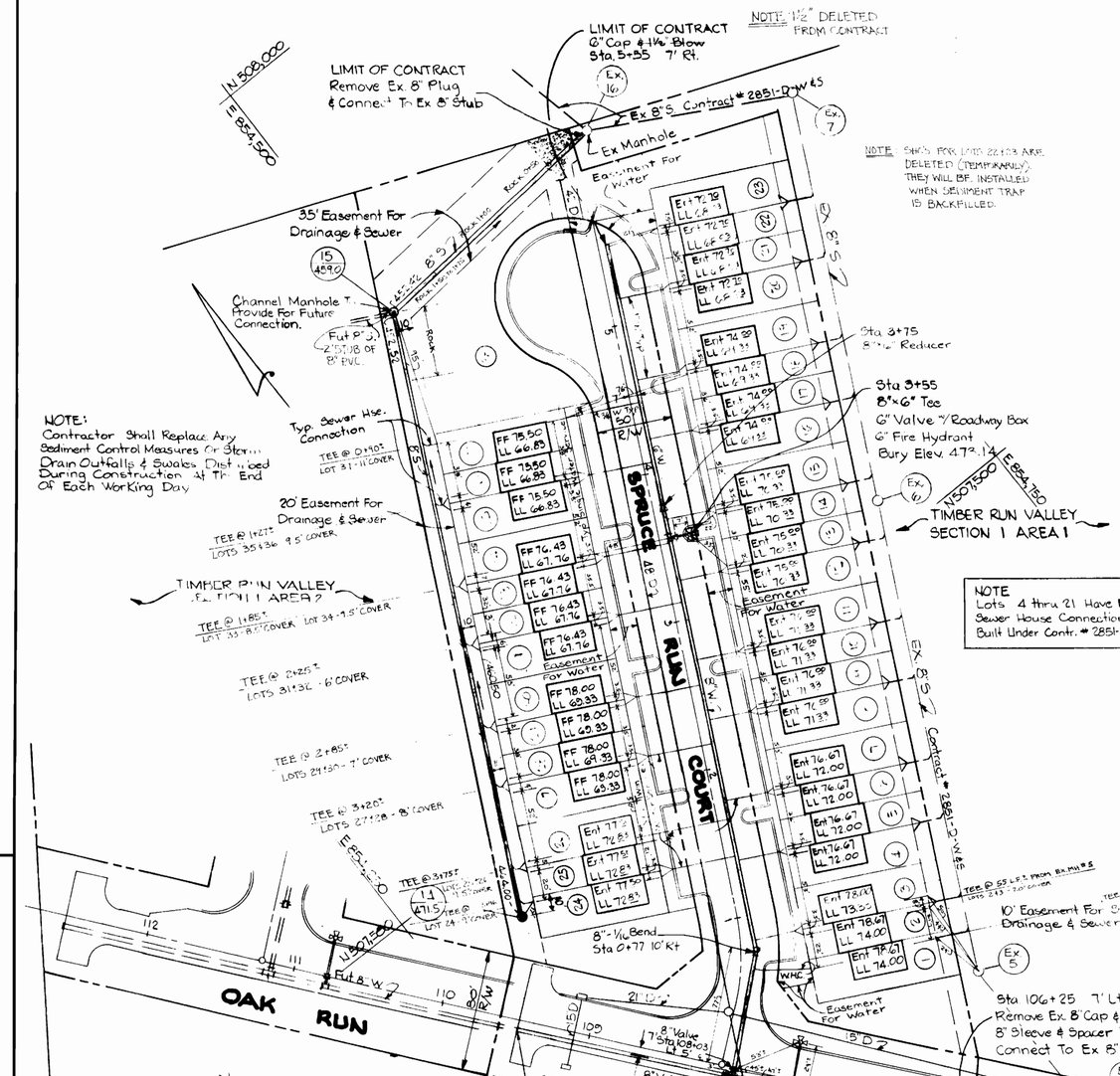

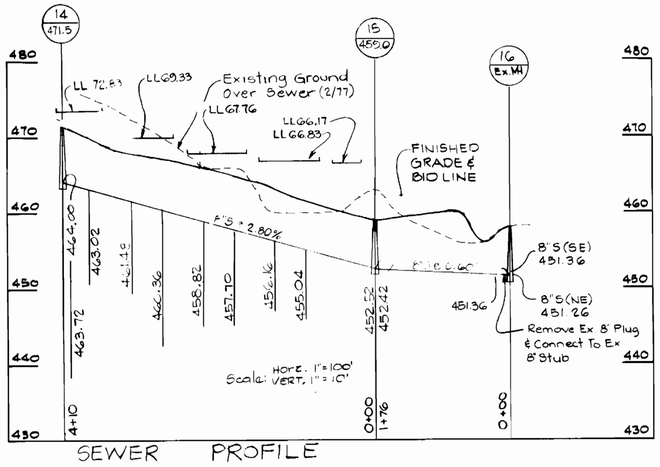

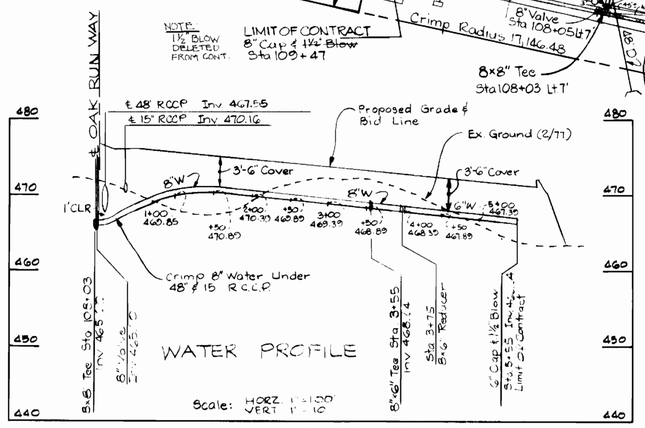

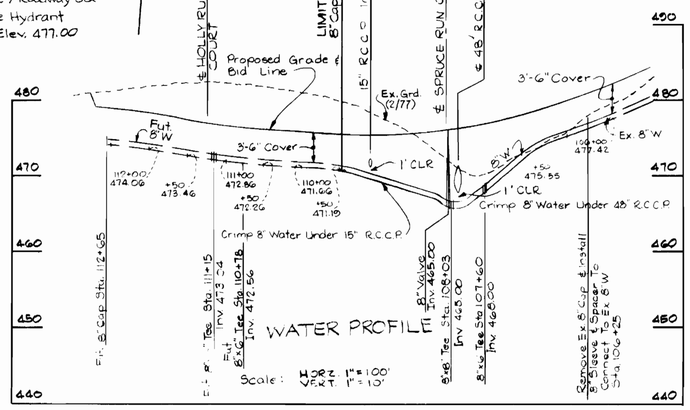

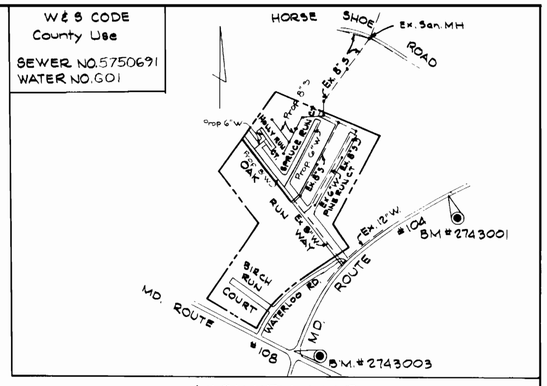

VICINITY MAP
SCALE : 1"=600'

B.M.#2743001
¾" REBAR 0.5' BELOW SURFACE AT TOP OF BANK ON GLEN MAR CHURCH LAWN

B.M.#2743003
¾" REBAR 0.5' BELOW SURFACE IN ISLAND AT INTERSECTION OF ROUTES 104 & 108

TYPE OF BUILDINGS	TOWNHOUSES
NUMBER OF LOTS	37
NUMBER OF WATER HOUSE CONNECTIONS	37
NUMBER OF SEWER HOUSE CONNECTIONS	12 Prop. 18 Ex. Cc. Contract 2851-D-W&S
DRAINAGE AREA	Savage

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

William V. Rowe — 6/1/82
HOWARD SOIL CONSERVATION DISTRICT — DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THESE SPECIFICATIONS AND ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN F-82-8x.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

James M. Helman — 6/1/82
U.S. SOIL CONSERVATION SERVICE — DATE

QUANTITIES

ITEM	ESTIMATED	AS BUILT	MATERIAL SUPPLIER
8" SEWER	58± LF	574 L.F.	PVC. - LAZZATI CO.
MANHOLE	2	2 (12.7V.F.±)	PRECAST - YORK CONC. CO.
8" WATER	705	702 L.F.	D.I.P. - GRIFFIN PIPE CO.
6" WATER	179	221 L.F. (INCLUD. F.H.)	" " " "
8" VALVE	2	2	FLOW INDUSTRIES
6" VALVE (Excluding) F.H. VALVES	—	—	—
FIRE HYDRANT	2	2	FLOW INDUSTRIES
AIR-RELEASE MANHOLE	—	—	—

GENERAL NOTES

1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be replaced immediately.
2. All horizontal controls are based on Maryland State Coordinates.
3. All vertical controls are based on U.S.G.S. Datum.
4. All pipe elevations shown are invert elevations
5. Clear all utilities by a minimum of 6". Clear all poles 2'-0" minimum or tunnel as required.
6. For all standard details see standards bound in specifications.
7. Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities
8. Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans: Bureau of Utilities - 992-2366, State Highway Administration - 531-5533 Baltimore Gas and Electric Company - Underground Electric Distribution Engineering - Damage Control 234-5691 Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 559-0100 Chesapeake and Potomac Telephone Company 725-9976 American Telephone and Telegraph - Cable Location Division - 301-393-3553 Colonial Pipeline Company 781-4641
9. Trees are to be protected from damage to maximum extent. Trees 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 as directed by the engineer. Payment for such removal shall be included in the unit price bid for excavation and backfill for water and sewer mains
11. Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manuel of Traffic Control for Highway Construction and Maintenance Operations.
12. All sewer mains shall be C.S.P.X., V.C.P.X or P.V.C. or A.S.T. class 2400 unless otherwise noted
13. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall
14. All manholes shall be 4'-0" inside diameter, unless otherwise noted.
15. All Water Mains to be C.I.P., D.I.P. unless otherwise noted.
16. Top of all water mains to have a minimum of 3'5" cover unless otherwise noted.
17. All Valves shall be strapped to tees in accordance with standard details
18. Block all fittings with concrete, see standards Bound in specifications
19. 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 Section 5-15 of the Standard Specifications.
20. Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross over.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James M. Lee — 7/16/82
Director Of Public Works — Date

Marion E. Ridout — 7/12/82
Chief, Bureau Of Engineering — Date

Robert M. Bringer — 6-30-82
Chief, Bureau Of Utilities — Date

Michael F. — 7-1-82
Chief, Land Development Division — Date

David S. Thaler — 10,300 — FEB 10, 1982
DAVID S. THALER — ENGINEER — NO. — DATE

D. S. THALER & ASSOCIATES, INC.
ENGINEERS - SITE PLANNERS
11 WARREN ROAD
BALTIMORE, MARYLAND 21208

CONTRACT NO. 24-1049-D-W&S

PLAN & PROFILE WATER & SEWER

TIMBER RUN VALLEY
ELECTION DISTRICT #2 — SECTION 1 AREA 2 TIMBER RUN VALLEY

DRAWING NO. 1 OF 1

SCALE 1" = 50'

TIMBER RUN VALLEY
CONTRACT No. - 24-1049-D

AS-BUILT JULY, 1983