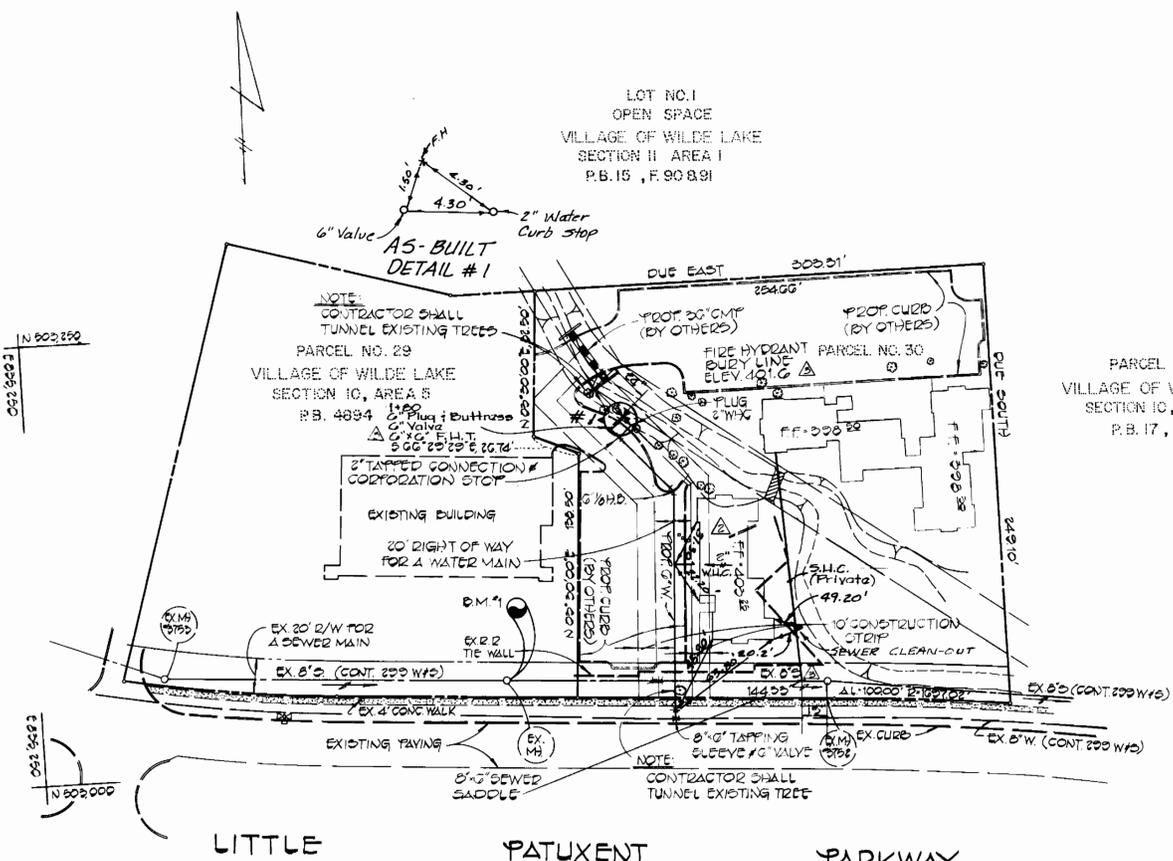
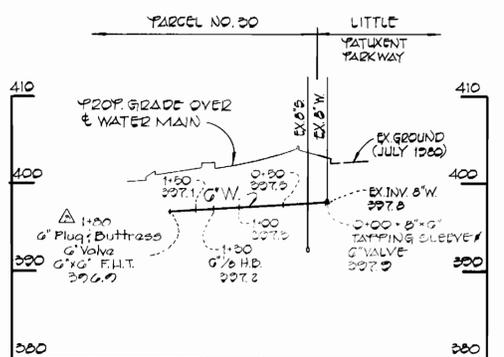


**BENCH MARK**

B.M. #1 ELEV. 500.00  
RIM OF EX. MANHOLE, 40' NORTHWEST  
OF LOT LINE BETWEEN PARCELS 29 & 30



**PLAN**  
1" = 50'



**PROFILE**  
SCALE: HOR. 1" = 100'  
VERT. 1" = 10'

NO.	DATE	REVISION
1	8/27/84	Relocate FH & Prop. 8" x 6" Sewer Saddle
2	8/10/84	Delete both 1-inch Twin W.L.C. to Building 'A' & add single 8-inch W.L.C. to Building 'A'. ADD SEWER CODE, REVISE S.D.P. NUMBER CHANGE CONT. # FROM 24-1021-D TO 24-1021-D. ADD PATUXENT PLACE TO TITLE
3	3-15-84	REVISION

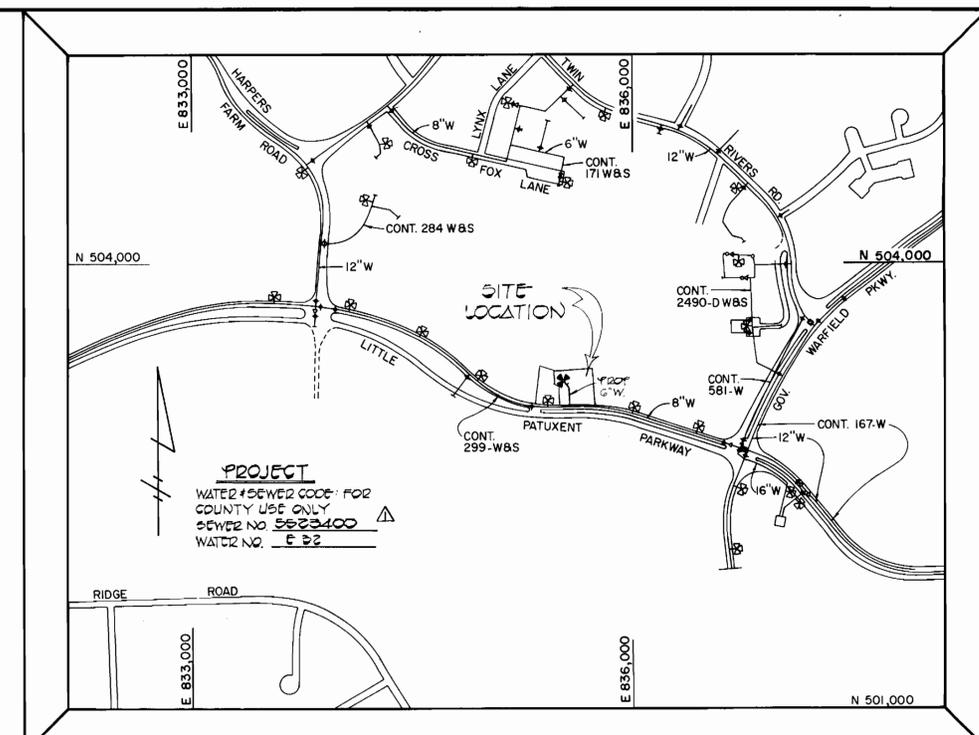
SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH THE PROVISIONS OF THESE SPECIFICATIONS AND ALSO AS SHOWN ON THE GRADING & SEDIMENT CONTROL PLAN, S.D.P. 24-150

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

*John J. [Signature]* 11-2-81  
U.S. SOIL CONSERVATION SERVICE DATE

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

*William V. [Signature]* 11-2-81  
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE



**VICINITY MAP**  
SCALE: 1" = 600'

**GENERAL NOTES**

- 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 REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATUM.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- 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 AT POLES SHALL BE INCLUDED IN UNIT PRICES BID FOR EXCAVATION AND BACKFILL.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS USE HOWARD COUNTY STANDARD DETAILS.
- FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY STANDARD SPECIFICATIONS.
- 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.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
  - BALTIMORE GAS AND ELECTRIC CO. - UNDERGROUND ELECTRIC DISTRIBUTION CUSTOMER SERVICE - (685-0123)
  - BALTIMORE GAS AND ELECTRIC CO. - 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)
  - BUREAU OF UTILITIES, HOWARD COUNTY - (992-2366)
- 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.
- 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 & BACKFILL.
- ALL WATER MAINS TO BE C.I.P. OR D.I.P. UNLESS OTHERWISE NOTED.
- TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-1/2' COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- BLOCK ALL 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 THE STANDARD SPECIFICATIONS.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.
- 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 OPERATION.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
- WATER MAIN AND WATER HOUSE CONNECTIONS MUST HAVE AT LEAST ONE FOOT SEPARATION FROM THE SEWER MAIN AND SEWER HOUSE CONNECTION AS THEY PASS ABOVE IT.

**QUANTITIES**

ITEM	EST'D	AS BUILT	SUPPLIER
6" WATER	100 LF	180 LF	DIA. Metro.
8" W.C.	20 LF	20 LF	2" R Cooper/Hays
FIRE HYD.	1 EA.	1	Metro
8" TAPPING SLEEVE & VALVE	1 EA.	1	DIA. Metro.
15" COVER SADDLE	1 EA.	1	C.I. Metro.
6" S.W.C.	10 LF	10 LF	PVC 35/LCP Man.

CONTRACT NO. 24-1021-D  
PATUXENT PLACE  
PARCEL NO. 30  
VILLAGE OF WILDE LAKE  
SECTION 10, AREA 5  
WATER MAIN EXTENSION  
(MARK PLACE)



**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND

*Wayne F. Nemmy* 11-10-81  
DIRECTOR OF PUBLIC WORKS DATE

*Richard M. Reiner* 11-5-81  
CHIEF, BUREAU OF UTILITIES DATE

*Richard M. Reiner* 11-2-81  
CHIEF, BUREAU OF ENGINEERING DATE

*Richard M. Reiner* 11-2-81  
CHIEF, LAND DEVELOPMENT DIVISION DATE

**FISHER, COLLINS AND CARTER, INC.**  
CIVIL ENGINEERS AND LAND SURVEYORS  
8388 COURT AVENUE  
ELLCOTT CITY, MARYLAND 21043

CONTRACT NO. 24-1021-D

PLAN AND PROFILE  
WATER MAINS

PATUXENT PLACE  
PARCEL NO. 30 - VILLAGE OF WILDE LAKE  
SECTION 10 - AREA 5  
ELECTION DISTRICT NO. 5  
COLUMBIA, MARYLAND

DRAWING NO. 1 OF 1  
SCALE AS SHOWN  
DES. T.A.F.  
DRN. D.B.S.  
CHK. T.A.F.