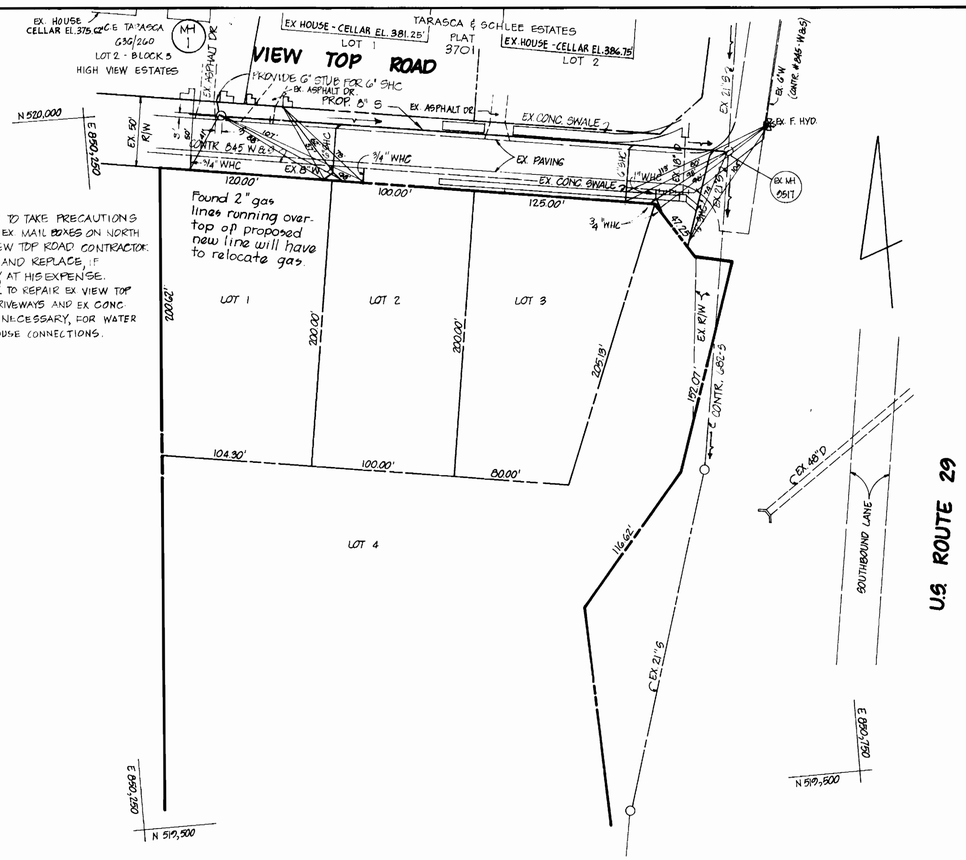
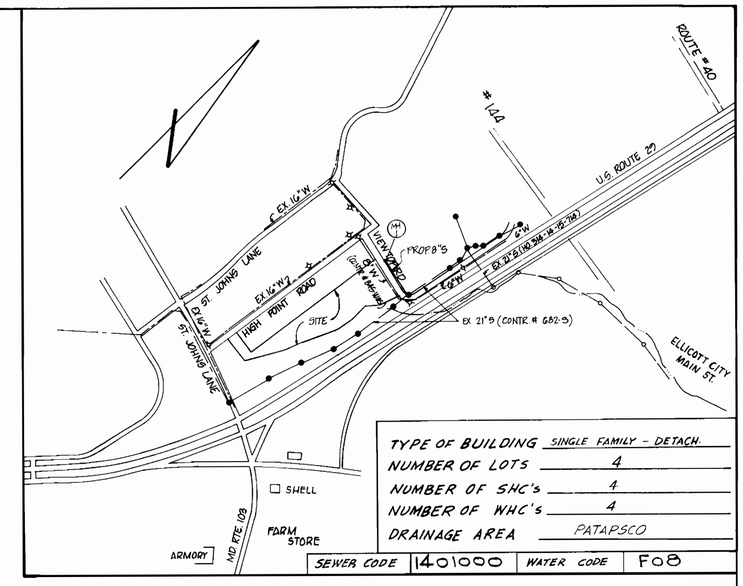


NOTE:
1. CONTRACTOR TO TAKE PRECAUTIONS TO MAINTAIN EX. MAIL BOXES ON NORTH SIDE OF VIEW TOP ROAD. CONTRACTOR TO REMOVE AND REPLACE, IF NECESSARY, AT HIS EXPENSE.
2. CONTRACTOR TO REPAIR EX. VIEW TOP ROAD, EX. DRIVEWAYS AND EX. CONC. SWALES AS NECESSARY, FOR WATER & SEWER HOUSE CONNECTIONS.

PLAN

SCALE: 1" = 50'



TYPE OF BUILDING	SINGLE FAMILY - DETACH.
NUMBER OF LOTS	4
NUMBER OF SHC's	4
NUMBER OF WHC's	4
DRAINAGE AREA	PATAPSCO
SEWER CODE	14-01000
WATER CODE	F08

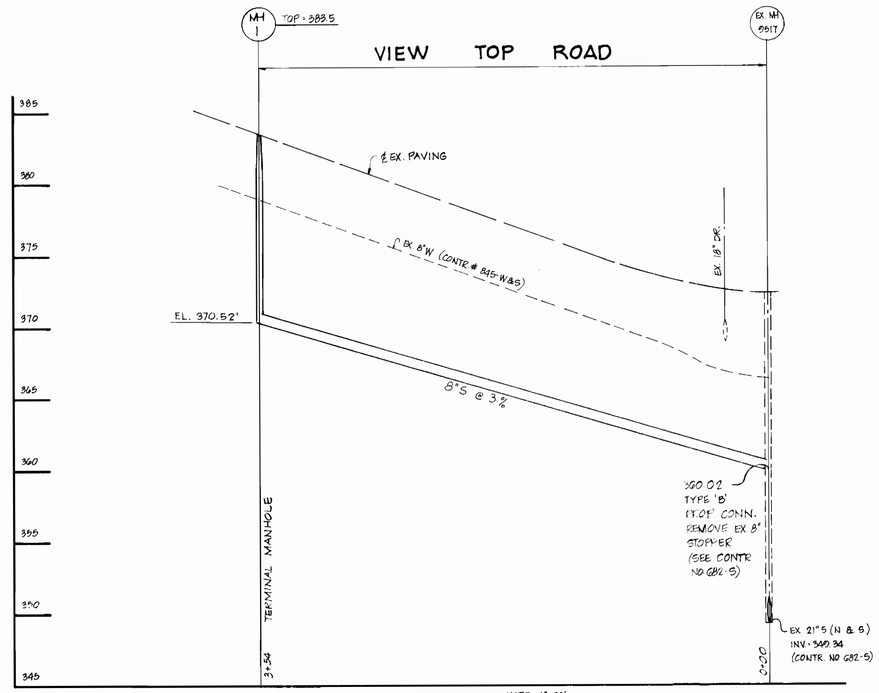
VICINITY MAP

SCALE: 1" = 600'

W.F. Wilson — Contractor Foreman
Tom Willard — Superintendent
Dan Wilson — Owner, Contractor

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 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. DATUM.
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. ANY COST INCURRED TO THE CONTRACTOR FOR TUNNELING OR BRACING AT POLES SHALL INCLUDED IN UNIT PRICES BID FOR CONSTRUCTION OF THE MAIN.
6. FOR DETAILS NOT SHOWN ON THE DRAWINGS USE HOWARD COUNTY STANDARD DETAILS.
7. FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY STANDARD SPECIFICATIONS.
8. 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.
9. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST (5) FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
   - STATE HIGHWAY ADMINISTRATION - 531-5533
   - ENGINEERING - "DAMAGE CONTROL" - 234-5621
   - "MISS UTILITY" - 1-559-0100
   - COLONIAL PIPELINE COMPANY - 781-4641
   - BUREAU OF UTILITIES HOWARD COUNTY - 992-2366
   - BALTO GAS & ELECTRIC COMPANY
     - UNDERGROUND ELECTRIC DISTR. CUSTOMER SERVICE - 685-0123
     - UNDERGROUND GAS DISTR. CUSTOMER SERVICE - 685-0123
     - CHESAPEAKE & POTOMAC (C&P) TELEPHONE CO. - 725-9976
     - AMERICAN TELEPHONE & TELEGRAPH - CABLE LOCATION DIVISION - 978-3553
10. 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.
11. 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 CONSTRUCTION OF THE MAIN.
12. 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.
13. ALL SEWER MAINS SHALL BE C.P.X., R.C.P., V.C.P.X., A.C.P. CLASS 2400 OR PVC UNLESS OTHERWISE NOTED.
14. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
15. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER, UNLESS OTHERWISE NOTED.
16. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE BRICK MANHOLES ONLY.
17. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL S1.45. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE.
18. HOUSE(S) WITH THE SYMBOL "C.N.G." INDICATES THAT CELLAR CAN NOT BE SERVED.
19. ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.
20. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
21. FOR ALL COPPER WATER HOUSE CONNECTIONS, UTILIZE FLARED TYPE FITTING ONLY.



PROFILE

SCALE: HORZ. 1" = 50', VERT. 1" = 5'

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE NO. 15 OF THE SPECIFICATIONS.

REVIEWED FOR HOWARD CO. AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — DATE 2-16-84

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

SOIL CONSERVATION DISTRICT — DATE 2-16-84

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS	DATE 2/23/84	CHIEF, BUREAU OF ENGINEERS	DATE 2/23/84
CHIEF, BUREAU OF UTILITIES	DATE 2-21-84	CHIEF, LAND DEVELOPMENT DIVISION	DATE

BOENDER ASSOCIATES, INC.
ENGINEERS · SURVEYORS · PLANNERS
COURTHOUSE SQUARE
ELLICOTT CITY, MD. 21043 — 465-7777

CONTRACT NO. 14-1182-D

PLAN AND PROFILE

SEWER EXTENSION
VIEW TOP ESTATES

DRAWING NO. 1 OF 1

SCALE AS SHOWN

DES
DRW
CHK
JOB # 77230

CONTRACT NO. 14-1182-D

AS BUILT March 13, 1985

QUANTITIES

ITEM	PROPOSED	AS BUILT	SUPPLIER MUNICIPAL & CONTRACTORS SALES Inc.
8" SEWER	354 L.F.	349'	National
MANHOLES	13 V.F.	1	Atlantic Precast
6" S.H.C.	157 L.F.	163 LF	American
3/4" W.H.C.	35 L.F.	29.5 LF	Cambridge Lee
1" W.H.C.	5 L.F.	10 LF	Cambridge Lee

12/21/83