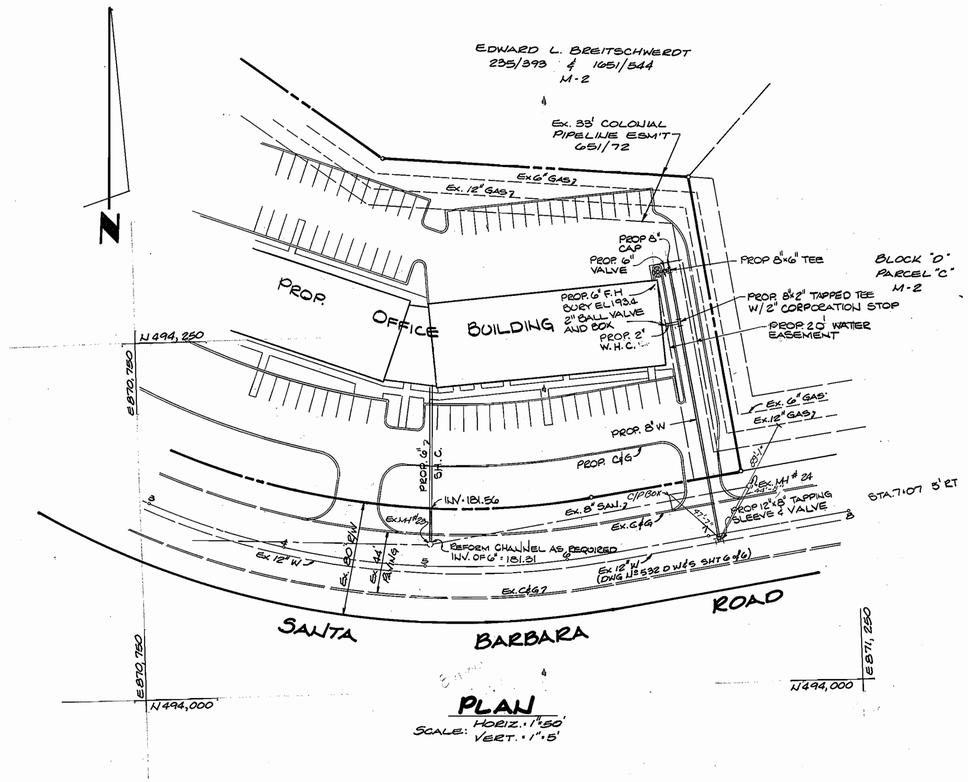
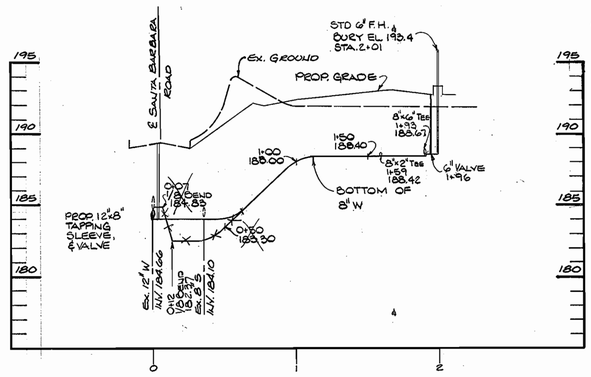


PLAN

SCALE: HORIZ. 1"=50'
VERT. 1"=5'



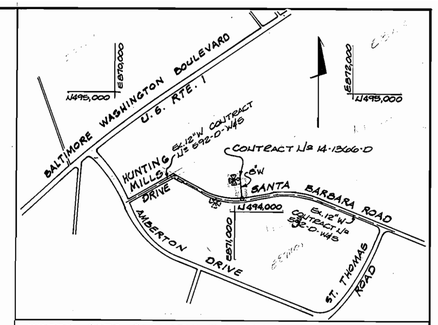
WATER PROFILE

SCALE: HORIZ. 1"=50'
VERT. 1"=5'

As Built

1. 6" Valve To Fire Hyd., 8'-0"
2. 6" Valve To Corner of Bldg., 10'-10"
3. 6" Valve To Colonial Pipeline, 31'-4"
4. 6" Valve To 2" Valve Box, 35'-5"

1. 8" Valve To Water Sewer, 44'-8"
2. 8" Valve To C/P Box, 47'-7"
3. 8" Valve To Colonial Pipes, 89'-1"



LOCATION MAP
SCALE 1"=600'

WATER CODE FOR COUNTY USE ONLY	
WATER NO.	E-08
SEWER CODE FOR COUNTY USE ONLY	
SEWER NO.	2151525
NO. S.H.C.	1
NO W.H.C.	1
DRAINAGE AREA : PATAPSCO	

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 SATIFICATION 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 USGS DATUM.
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
5. CLEAR ALL UTILITIES BY A MIN. OF 6". CLEAR ALL POLES BY 2'-0" MIN. OR TUNNEL AS REQUIRED. THE CONTRACTOR HAS CONTACTED THE UTILITIES 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 WILL 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 DWG., 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 OR EXISTING UTILITES, THEY ARE NOTED BY THE SYMBOL TP AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DWG. EX. 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 UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THE PLANS.
   STATE HIGHWAY ADMINISTRATION - 531-5533
   BALTIMORE GAS & ELECTRIC CO - CONTRACTOR SERVICES 561-2585
   " " " " - UNDER GROUND DAMAGE CONTROL 234-5621
   " " " " - TROUBLE SHOOTING 298-9013
   MISS UTILITY - 1-559-0100
   COLONIAL PIPELINE CO. 795-1390
   BUREAU OF UTILITIES, HOWARD CO. DEPARTMENT OF PUBLIC WORKS - 992-2366
9. TREES AND SHURBS ARE TO BE PROTECTED FROM DAMAGE TO MAX. 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.
11. ALL WATER MAINS TO BE D.I.P. UNLESS OTHERWISE NOTED.
12. TOPS OF ALL WATER MAINS TO HAVE A MIN. OF 3½' COVER UNLESS OTHERWISE NOTED.
13. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
14. ALL FITTINGS SHALL BE BOTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STD. DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DWG.
15. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATION SHOWN ON THE DWG. ALL FIRE HYDRANTS SHALL BE STRAPPED AND BOTTRESSED WITH CONCRETE IN ACCORDANCE WITH STD. DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1005 THE STD. SPECIFICATIONS.
16. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EX. WATER SYSTEM.
17. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTINGS, UNLESS OTHERWISE SHOWN.
18. SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER SITE DEVELOPMENT PLAN SDP-85-120

WATER				
ITEM	ESTIMATE	AS BUILT	TYPE MATERIAL	SUPPLIERS
12"x8" TAPPING SLEEVE	1	1	DUCTILE	A & P
8" VALVE	1	1	ROADWAY BOX	TAYLOR
2" CORPORATION STOP	1	1	BRASS	A & P
8"x6" TEE	1	1	DUCTILE	ATLANTIC
6" VALVE	1	1	ROADWAY BOX	TAYLOR
8" CAP	1	1	DUCTILE	ATLANTIC
6" F. H.	1	1	MUELLER	—
8" WATER	189 L.F.	190 L.F.	DUCTILE	ATLANTIC
6" WATER	10 L.F.	—	DUCTILE	ATLANTIC
2" WATER	10L.F.	9.5 L.F.	COPPER	—
6" SEWER	25 L.F.	27. L.F.	PLASTIC(PVC)	—

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED: Robert W. Zahn 5-27-85
HOWARD SOIL CONSERVATION DISTRICT DATE

REVIEW FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
James McAtee 5-27-85
U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Gene E. Neumann 6-4-85 — DIRECTOR OF PUBLIC WORKS DATE
Robert J. McBurney 5-31-85 — CHIEF, BUREAU OF UTILITIES DATE
J. Creamer & Roy 6/13/85 — CHIEF, BUREAU OF ENGINEERING DATE
Charles F. Ecker 6-6-85 — CHIEF, LAND DEVELOPMENT DIVISION DATE

KIDDE CONSULTANTS, INC.
CONSULTING ENGINEERS
BALTIMORE, MARYLAND

DES. S.E.T.					
DRN. S.E.T.					
CHK. G.M.S.					
DATE 4/5/85	BY	NO.	REVISION	DATE	600 SCALE MAP No. 37 BLOCK No. 24

PLAN & PROFILE OF WATER EXTENSION

ROUTE 100 BUSINESS PARK
CONTRACT No 14-1366-D
ELECTION DISTRICT No 1
HOWARD COUNTY, MARYLAND

SCALE AS NOTED
SHEET 1 OF 1

As Built Oct. 1985