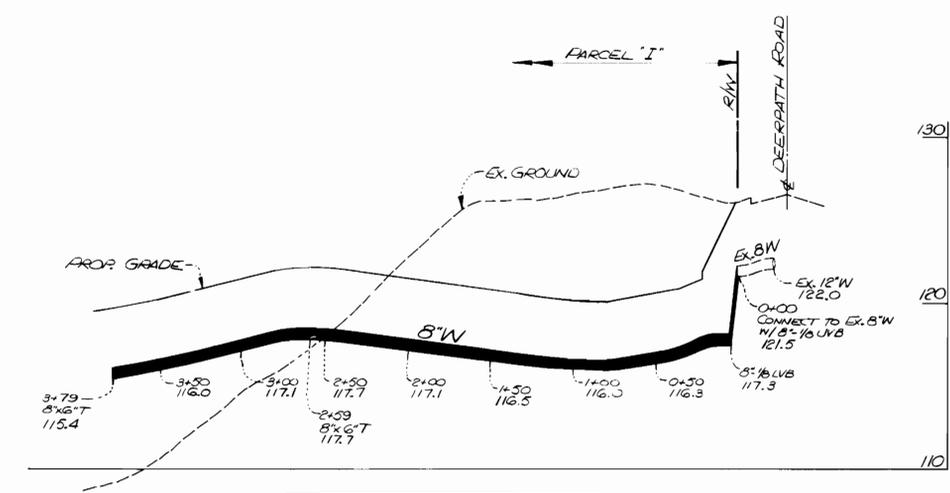
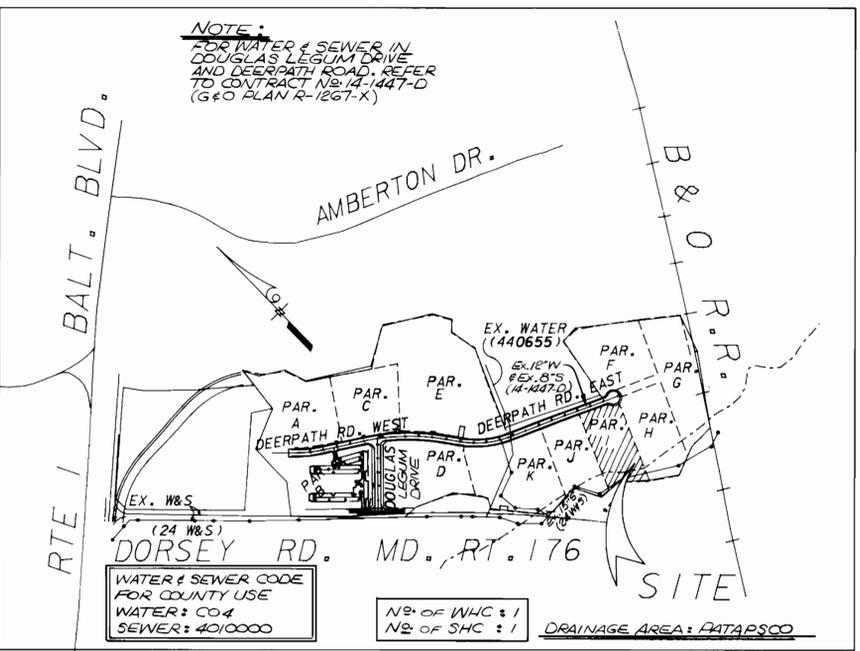


PLAN SCALE: 1" = 50'



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



WATER & SEWER CODE FOR COUNTY USE
WATER: C04
SEWER: 4010000

NO. OF WHC: 1
NO. OF SHC: 1
DRAINAGE AREA: PATAPSCO

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.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, 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.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATION OF THE TEST PIT. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS INCLUDED ON THE DRAWINGS. EXISTING UTILITIES IN THE VICINITY OF THE PROPOSED WORK FOR WHICH TEST PITS HAVE BEEN MADE SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

STATE HIGHWAY ADMINISTRATION	531-5533
BALTIMORE GAS & ELECTRIC CO.	CONTRACTOR SERVICE 561-2585
BALTIMORE GAS & ELECTRIC CO.	UNDERGROUND DAMAGE CONTROL 234-5621
BALTIMORE GAS & ELECTRIC CO.	TROUBLE SHOOTING 298-9013
MISS UTILITY	1-559-0100
COLONIAL PIPELINE CO.	785-1390
BUREAU OF UTILITIES, HOWARD COUNTY	992-2366
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES AND SHRUBS 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.
- ALL WATER MAINS TO BE D.I.P. UNLESS OTHERWISE NOTED.
- TOPS 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.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE 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 SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING, UNLESS OTHERWISE NOTED. EXTEND PIPE AS NECESSARY TO INSTALL PLUG FOR BLOCKING, WHERE WATER MAINS END WITH VALVES.
- ORIGINAL GROUND OVER WATER AND SEWER WAS TAKEN FROM AERIAL PHOTOGRAPHY PREPARED BY GREENHORNE & O'MARA, INC. AND VERIFIED BY FIELD SURVEY IN NOVEMBER 1985.
- STRAIN BULGES AND SLEEVES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 117, ARTICLE 15 AND DETAILS SHOWN ON THIS PLAN.
- SEWERS SHALL BE BUILT IN ACCORDANCE WITH SECTION 117, ARTICLE 15 AND DETAILS SHOWN ON THIS PLAN.

QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL / SUPPLIER
8" WATER	LF 379		
8" WATER	LF 50		
8" X 6" T	EA 2		
6" VALVES	EA 2		
4.5" FIRE HYDRANT	EA 1		
8"-18" UVB	EA 1		
8"-18" LVG	EA 1		
8" SEWER	LF 14		

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
James H. Helm 5-14-87
DATE
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Stephen L. Huber 5/15/87
DATE
HOWARD S.C.D.

DRAINAGE AREA: PATAPSCO
TYPE OF BUILDING: OFFICE

NO. OF WHC: 1
NO. OF LOTS: 1

WATER & SEWER CODE FOR COUNTY USE
WATER: C04
SEWER: 4010000

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH ARTICLE 15 OF THE STANDARD SPECIFICATION, AND SITE PLANS 502-97-117

BEFORE BEGINNING CONSTRUCTION, CONTACT "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

David F. Neany 6-10-87
DIRECTOR OF PUBLIC WORKS DATE

Robert M. Reardon 6-3-87
CHIEF, BUREAU OF UTILITIES DATE

Robert M. Reardon 6-10-87
CHIEF, BUREAU OF ENGINEERING DATE

Robert M. Reardon 6-10-87
CHIEF, LAND DEVELOPMENT DIVISION DATE

ENGINEERS: ARCHITECTS: PLANNERS: SCIENTISTS: SURVEYORS: PHOTOGRAMMETRISTS

GREENHORNE & O'MARA, INC.
2 RESEARCH PLACE ROCKVILLE, MD. 20850
PHONE (301) 948-0900



DES: LD/JDP				
DRN: CDD/JDP				
CHK: RHM	GV	1	AS BUILT	4.5.88
DATE: DEC, 86	JDP	1	ADDED PROFILE (PUBLIC SEWER)	9/2/87
BY NO.			REVISIONS	DATE

PLAN FOR WATER MAIN EXTENSION

600' SCALE MAP NO. 43

BLOCK NO. 6

DORSEY BUSINESS CENTER
SECTION 1, PARCEL "1"
FIRST ELECTION DISTRICT
HOWARD CO., MARYLAND
CONTRACT NO. 14-1615-D

SCALE AS SHOWN

SHEET 1 OF 1