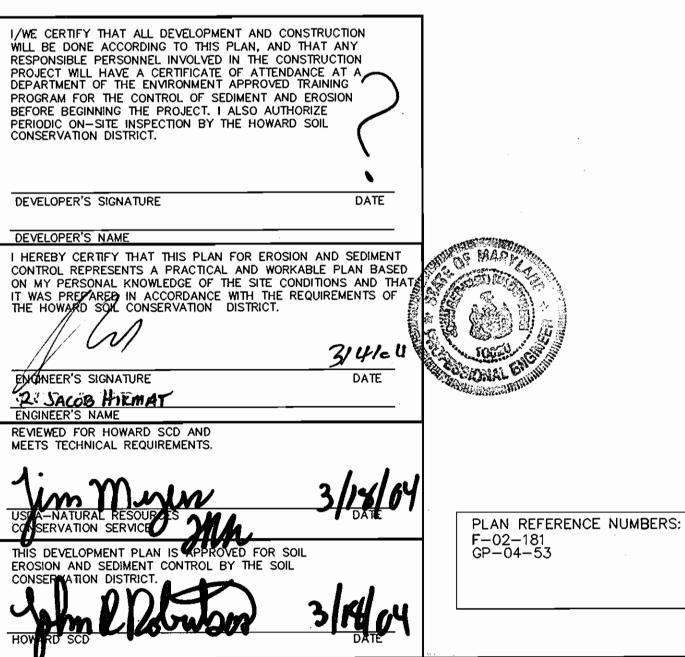
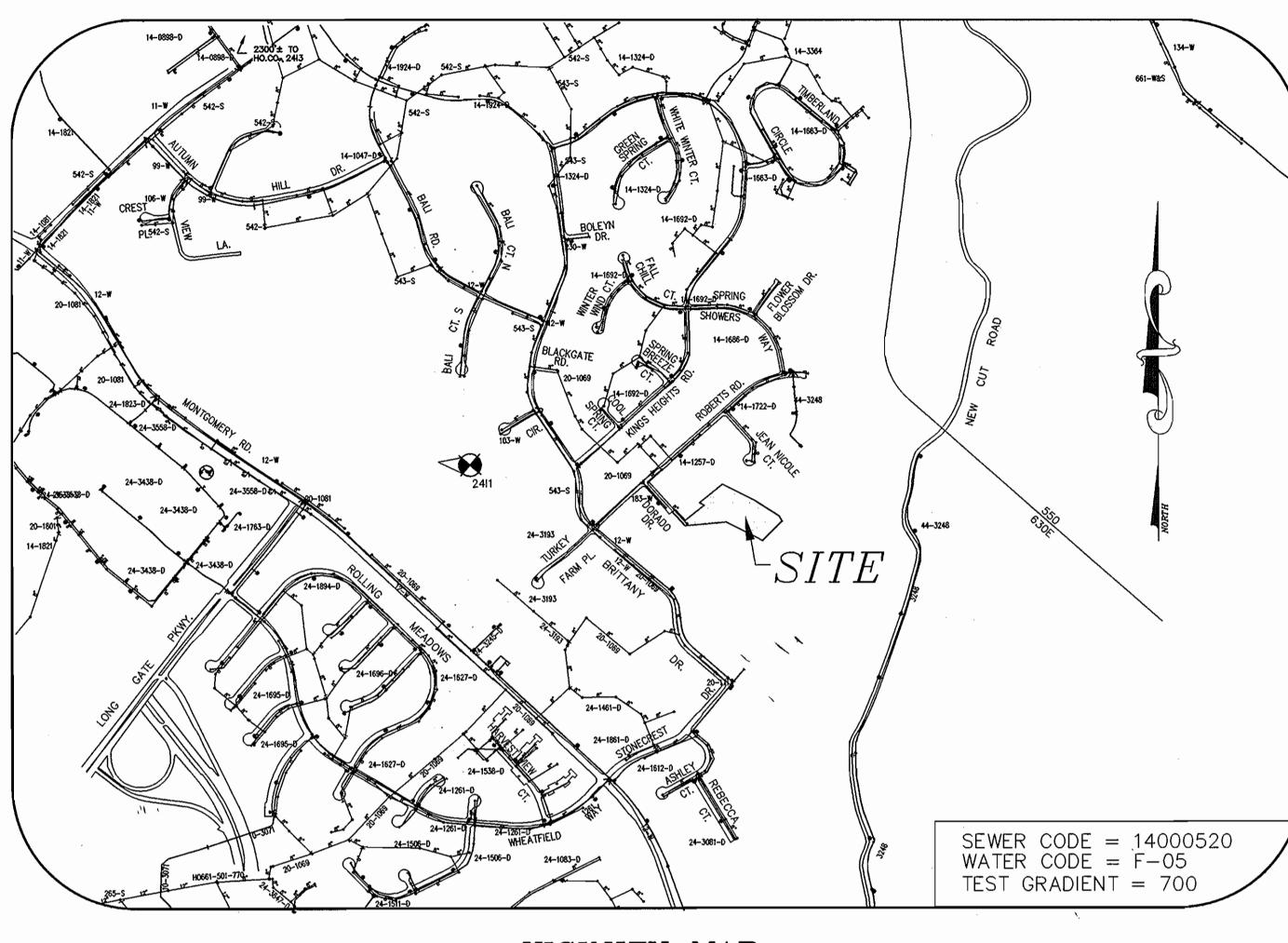
QUANTITY TABLE					
ITEMS	QUANTITIES ESTIMATED				
11EMS		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER	
STANDARD MH (HO.CO. STD. G-5.01)	1 EACH	1 EA	4 PRECAST	ATCANTIC	
8" SEWER MAIN	120 L.F.	120	50R 35	J.M. MANUFACTURE	
6" WATER MAIN	634 L.F.	638 L.F.	DIP	GRIFFIN PIPE	
1" WATER HOUSE CONNECTION	30 L.F.	37C.F.	KCOPPER		
# 1" WHC	4 EACH	4 EA.		READING	
6" CAP & BUTTRESS	1 EACH	IEA.	M.J. CAP	J.M. MANUFACTURING	
1/8 H.B. (6")	1 EACH	l EA		9 4	
1/16 H.B. (6")	6 EACH	GEA		J.M.	
1-1/2" DRAIN	1 EACH	IEA	,	J.M	
F.H.	1 EACH	IEA	MUELLER	MUELLER	
6"x6" F.H.T. & V.	1 EACH	IEA		U.S. PIPE	
NAME OF UTILITY CONTRACTOR: MARTIN CONSTUCTION					
SURVEY AND DRAFTING DIVISION AS-BUILT DATE					

EROSION AND SEDIMENT CONTROL FOR THIS CONTRACT IS PROVIDED UNDER GP-04-53





TYPE OF BUILDING_ No. OF UNITS No. OF WATER HOUSE CONNECTION No. OF SEWER HOUSE CONNECTIONS DRAINAGE AREA PATAPSCO TREATMENT PLANT PATAPSCO WWTP

CONTRACT NO.: 14-4188-D GIBSON PROPERTY WATER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

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 NAD83/91 AS PROJECTED BY HOWARD COUNTY HORIZONTAL AND VERTICAL GEODETIC CONTROL NÓS. 2411 & 2413. THESE WATER AND SEWER DRAWINGS ARE BASED ON A FIELD RUN TOPOGRAPHIC STUDY PERFORMED BY MILDENBERG, BOENDER AND ASSOCIATES, INC. ON OR ABOUT MAY 2002.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 12". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTACTED THE UTILITY 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 BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES
- TO SCHEDULE THE BRACING OF THE POLES. 6. FOR DETAIL'S NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL FOR CONSTRUCTION (LATEST EDITION). 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 NOT BEEN DUG SHALL BE LOCATED BY THE
- CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE
 - WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS: (410) 531-5533 STATE HIGHWAY ADMINISTRATION (410) 850-4620 BG & E CO. CONTRACTOR SERVICES BG & E CO. UNDERGROUND DAMAGE CONTROL (410) 787-9068
 - 1-800-257-7777 MISS UTILITY (410) 795–1390 COLONIAL PIPELINE CO. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
- BUREAU OF UTILITIES (800) 446-5266 9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED OUTSIDE THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED
- 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
- 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-2450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/ JACKING OPERATION IN COUNTY ROASS FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF HOWARD COUNTY CODE.
- 12. ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- 13. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' COVER UNLESS OTHERWISE
- 14. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 15. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE
- STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS. 16. 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 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- 17. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER
- 18. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE
- NOTED ON PLANS OR IN SPECIFICATIONS. 19. STATIONING SHOWN IS WATER MAIN STATIONING.
- 20. SEDIMENT CONTROL TO BE PROVIDED BY GP-04-53.
- 21. ALL WATER HOUSE CONNECTIONS TO BE 1" IN SIZE UNLESS OTHERWISE NOTED.
- 22. COMPACTION IN FILL AREAS TO BE 95% AS DETERMINED PER AASHTO T-180.
- 23. ALL CONNECTIONS TO THE MANHOLE MUST BE MADE AT THE INVERT OF THE MANHOLE WITH THE BENCH OF THE MANHOLE CHANNELED FOR CONNECTION.

INDEX OF DRAWINGS

NO.	DESCRIPTION			
1	TITLE SHEET			
2	WATER & SEWER PLAN & PROFILE			

<u>OWNER</u> ELLICOTT CITY LANDHOLDING, INC. 8000 MAIN STREET ELLICOTT CITY, MARYLAND 21043

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

MILDENBERG, BOENDER & ASSOC., INC.



TTOTA			
HSP			
llustration HSP			
approval MAP			•
project			
02-027	KCI.	1	ASBUILT DATA SHOWN
date MAR 2004	BY.	NO.	REVISION

TITLE SHEET

600' SCALE MAP NO. 25 BLOCK NO. 19

GIBSON PROPERTY LOTS 1 THRU 5

CONTRACT NO.: 14-4188-D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND

AS SHOWN

L of **2**

