QUANTITY TABLE

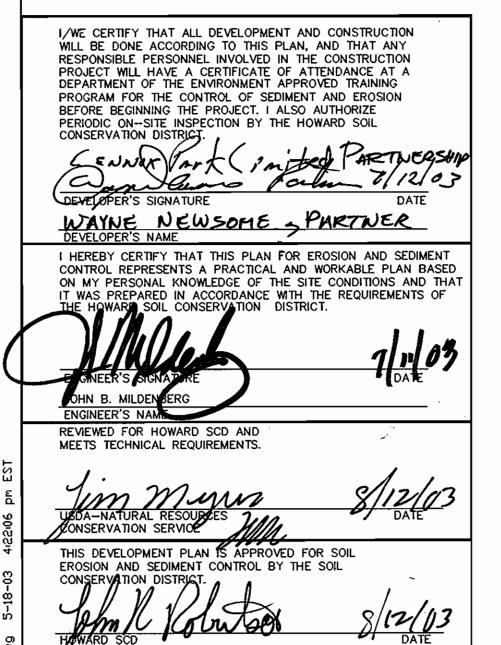
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
STANDARD MH	24	4	DIP	US PIPE FOUND. / HUSHES
8" SEWER MAIN (DIP)	168 L.F. <i>183</i>	183	17	μ 17
8" SEWER MAIN	312 L.F.	312	P.V.C	ש א MANUF. 1 "
4" SEWER HOUSE CONNECTION	112 L.F. 58	58	ıı	n · "
6" TWIN SEWER HOUSE CONNECTION	24 L.F.	24	DIP	US PIPE FOUND / "
# SEWER HOUSE CONNECTIONS	X3	4	PVC.	IM MANUF. 1 "
# TWIN SEWER HOUSE CONNECTIONS	1	1	DIP	US PIPE FOUND 1 "
# MH CONNECTIONS	21	1		
8" WATER	- 574 L.F.605	605	DIP	US PIPE FOUND 1 HULHES
6" WATER	15 L.F.	15	17	D D
1" WHC	-160 L.F. 69	88	K LOPPER	LERRO 1 "
1 1/2" TWHC	19 L.F.			
# WHC	84	6	K COPPER	n // a
# TWHC	X			
8" V	1	1	GV	KENNEDY 1 HUBHES
8"X6 " T	1	1	DIP	TYLER 1 "
6" V	1	1.	GV	KENNEDY 1 "
FIRE HYDRANTS	1	1	(1-B	ע
8"X8" TS&V	1 ·	1 5	`S.S. (FURD. 1 "
1/8 HB	X2	2	DIP	TYLER 1 "
1-1/2" DRAIN-3" BLOWOFF	XI	1		
8" CAP & BUTTRESS	1	1	DIP	TYLER 1 HUGHES

INDEX OF DRAWINGS

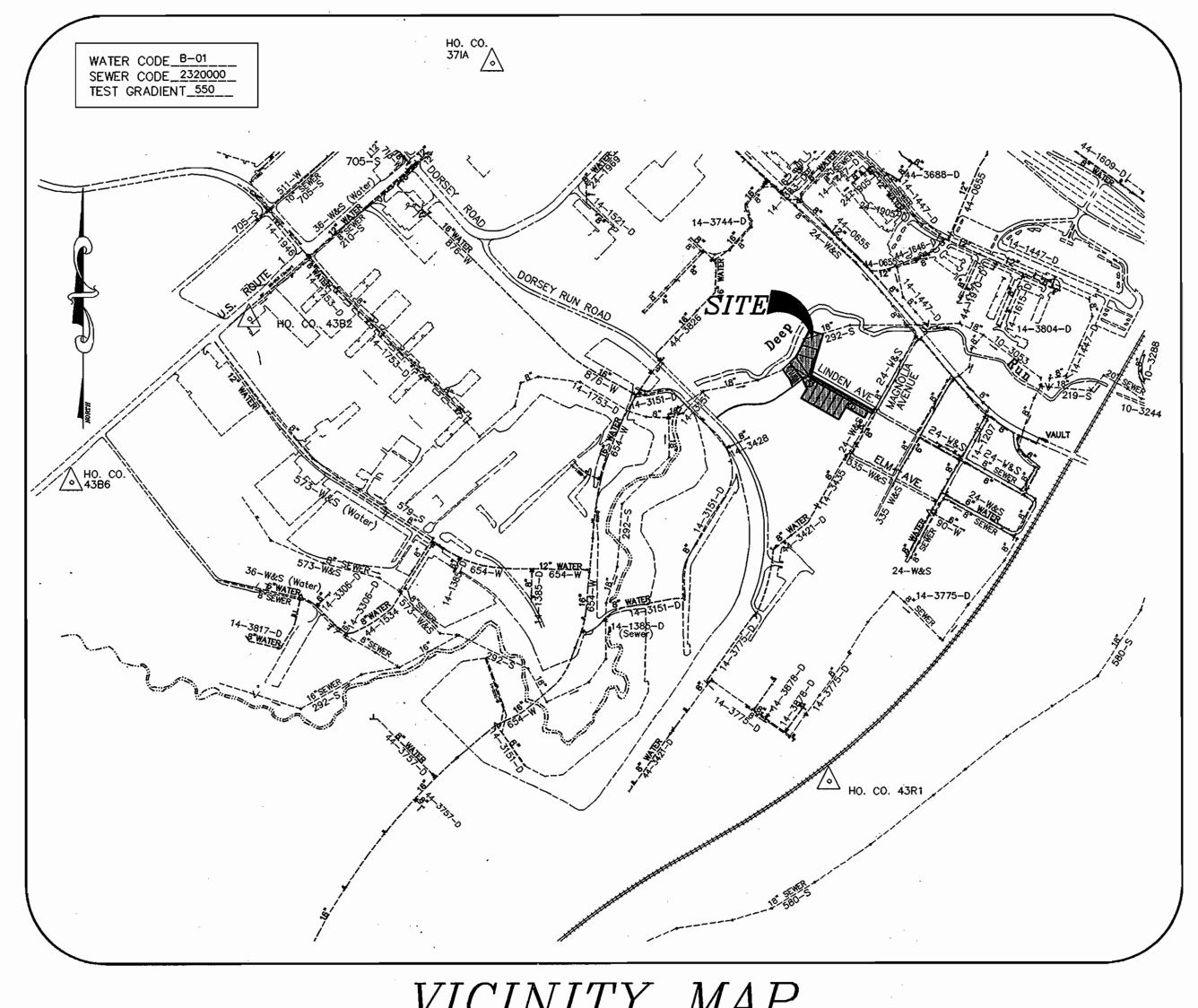
NAME OF UTILITY CONTRACTOR: CHESAPEAKE

SURVEY AND DRAFTING DIVISION AS-BUILT DATE

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



NOTE: SEDIMENT CONTROL PROVIDED UNDER GP-04-06.



SCALE: 1' = 600'

TYPE OF BUILDING SFD ____ No. OF UNITS _______ No. OF TWIN WATER HOUSE CONNECTION_1_ No. OF SEWER HOUSE CONNECTIONS \$4 No. OF TWIN SEWER HOUSE CONNECTION_1_ DRAINAGE AREA PATAPSCO TREATMENT PLANT PATAPSCO

CONTRACT NO.: 14-4149-D LENNOX PARK,

LOTS 1168 THRU 1173 AND 1215 THRU 1218 & PARCEL 329

WATER & SEWER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

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.
- ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES.
- 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 DETAILS 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
- 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:

STATE HIGHWAY ADMINISTRATION BG & E CO. CONTRACTOR SERVICES (410) 850-4620 (410) 787-9068 BG & E CO. UNDERGROUND DAMAGE CONTROL

-800-257-7777 MISS UTILITY COLONIAL PIPELINE CO. (410) 795-1390

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS (410) 313-4900 BUREAU OF UTILITIES

- 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. ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- 12. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' COVER UNLESS OTHERWISE
- 13. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 14. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- 15. 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. 16. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER
- 17. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE
- NOTED ON PLANS OR IN SPECIFICATIONS. 18. ALL SEWER MAINS SHALL BE P.V.C. OR D.I.P. UNLESS OTHERWISE NOTED.
- 19. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR
- MANHOLE WALL. 20. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- 21. FORCE MAINS SHALL BE D.I.P. ONLY.
- 22. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY. 23. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND
- COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1' - 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE
- 24. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.
- 25. ALL WATER METERS TO BE LOCATED INSIDE PROPOSED UNITS.
- 26. STATIONING SHOWN IS WATER MAIN AND CENTER LINE STATIONING.
- 27. ALL CLEANOUTS AND BALL VALVES ARE TO BE LOCATED AT THE WATER, SEWER AND UTILITY EASEMENT LINE.
- 28. CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PROIR TO COMMENCING CONSTRUCTION.
- 29. ON-SITE & OFF-SITE SEDIMENT CONTROL TO BE PROVIDED UNDER THE REFERENCED GRADING PLAN.
- 30. ALL SEWER HOUSE CONNECTIONS TO BE 4" IN SIZE.
- 31. ALL WATER HOUSE CONNECTIONS TO BE 1" IN SIZE UNLESS OTHERWISE NOTED.
- 32. ALL CELLARS WILL HAVE SERVICE TO LOWEST FLOOR UNLESS OTHERWISE NOTED.
- 33. TWIN SEWER HOUSE CONNECTION FOR LOTS 1216 & 1217 ONLY, TO BE INSTALLED IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL S-2.14. TWIN WATER HOUSE CONNECTION FOR LOTS 1216 & 1217 ONLY, TO BE INSTALLED IN ACCORDANCE WITH THE DETAIL ON SHEET 2.
- 34. ALL WATER MAINS TO BE 8", 6", OR 4" DIP CLASS 52.
- 35. STORM DRAIN SYSTEM INDICATED FOR INFORMATIONAL PURPOSES ONLY, SEE ROAD PLANS FOR CONSTRUCTION DATA.
- 36. COMPACTION IN FILL AREAS TO BE 95% AS DETERMINED PER AASHTO T-180.
- 37. IF MATERIAL IS WITHIN 8% OF OPTIMUM MOISTURE, WORKING THE MATERIAL UNTIL REQUIRED COMPACTION IS ACHIEVED IS CONTRACTOR'S RESPONSIBILITY.
- 38. THE CONSTRUCTION IS TO BE LIMITED TO THAT WHICH CAN BE BACKFILLED AND STABILIZED IN ANY ONE
- 39. THE SPOIL FROM THE TRENCH OPERATIONS IS TO BE PLACED ON THE UPHILL SIDE OF CONSTRUCTION.

NOTE: THERE ARE NO ROAD CONSTRUCTION PLANS ASSOCIATED WITH THIS WATER & SEWER CONTRACT.

> <u>OWNER</u> LENNOX PARK LIMITED PARTNERSHIP

7111 DORSEY RUN ROAD ELKRIDGE, MARYLAND 21075

LENNOX PARK WATER & SEWER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND CONTRACT No. 14-4149-D

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

DPZ FILE NOS.

GP-04-06

MILDENBERG, BOENDER & ASSOC., INC. 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Pax



SJDSJD2002-071 AS-BUILT DATA ADDED ote JULY 2003 REVISION

TITLE SHEET

BLOCK NO. 6

600' SCALE MAP NO. 43

LOTS 1168 THRU 1173 AND 1215 THRU 1218 & PARCEL 329 CONTRACT NO. 14-4149-D TAX MAP 43 PARCEL 698 & 329 SIXTH ELECTION DISTRICT

LENNOX PARK,

HOWARD COUNTY, MARYLAND

of 2

AS SHOWN

