BENCHMARKS:

Ho. Co. Monument # 2645005

Elevation: 291.929

Description: Concrete Monument 0.3 ft. below surface at top of bank

Ho. Co. Monument # 2645006

Description: Concrete Monument 0.2 ft. below surface

at top of bank

MONTGOMERY GREENMOUNT WATER AND SEWER CODE COUNTY USE Water Code: DO4 Sewer Code: 2152700 LOCATION MAP

Type of Buildings: Single Family Detached Number of Lots/Parcels: 3 Buildable & 1 Non-Buildable Number of W.H.C.'s: N/A Number of S.H.C.'s: Drainage Area: Patapsco Treatment Plant: Patapsco Wastewater Treatment Plant

WATER & SEWER CONSTRUCTION PLANS

MARSHALEE W()()[

SECTION TWO AREA THREE - OPEN SPACE LOTS 145, 146, 147 & NON-BUILDABLE BULK PARCEL'A'; SECTION TWO AREA FOUR - OPEN SPACE LOT 148; SECTION TWO AREA FIVE - LOTS 150, 151, 152, OPEN SPACE LOTS 149, 153 AND P/O NON-BUILDABLE BULK PARCEL'A' 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

CONTRACT NO. 14-4217-D

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATIONS AND THE MARSHALEE DRIVE CAPITAL PROJECT J-4136 PHASE IIIA. (FO4-95)

OWNER/DEVELOPER
MARSHALEE WOODS LIMITED PARTNERSHIP 3835 P COLUMBIA 100 PARKWAY

600 SCALE MAP NO. 37

Description Revised Cover Sheet Plan View Revised Plan View Revised Profiles

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, NAD 83/91.

3. All vertical controls are based on NA VD 88. 4. All pipe elevations shown are invert elevations unless otherwise noted on the plans.

5. Clear all utiliites by a minimum of 12". Clear all poles by 5'-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 the bracing of additional poles or damages shall be deducted from monies owed the Contractor. The Contractor shall coordinate with the utility companies to

6. For details not shown on the drawing, 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.

7. 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

8. Contractor shall notify the following utility companies or agencies at least five (5) working days before starting work shown on these plans:

1-800-252-1133

BGE (Contractor Services) 410-850-4620 BGE (Underground Damage Control) 410-787-9068 Bureau of Utilities 410-313-4900 Colonial Pipeline Co. 410-795-1390 1-800-257-7777 Miss Utility 410-531-5533 State Highway Administration 1-800-743-0033 / 410-224-9210

9. Trees and shrubs are to be protected from damage to the maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the Contractor.

10. The 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. The Contractor shall notify the Bureau of Highways, Howard County, at (410) 313-7450 at least

(5) five working days before any open cutting or boring/jacking of any County road 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 the Howard County Code.

PART II: WATER

1. All water mains to be D.I.P. Class 52 unless otherwise noted.

2. Tops of all water mains to have a minimum of 3'-6" of cover unless otherwise noted. 3. Valves adjacent to tees shall be strapped to tees.

4. All fittings shall be butressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.

5. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be installed in accordance with Standard Details. The soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.

6. The Contractor shall not operate any water main valves on the existing water system.

1. All sewer mains shall be D.I.P. or P.V.C. unless otherwise noted. 2. All manholes shall be 4'-0" inside diameter unless otherwise noted.

3. Force mains shall be D.I.P. only.

4. Manholes shown with 12" and 16" walls are for brick manholes only. 5. Manholes designated "W.T." in plan and profile shall have watertight frame and cover, Standard

Detail G5.52. Where watertight manhole frames and covers are used, set top of frame 1"-6" above finished grade unless otherwise noted on the drawings.

6. House(s) with the symbol "C.N.S." indicates that cellar cannot be served.

THIS SHEET REPLACES THE SHEET SIGNED ON 9-30-04, BY CHIEF, BUREAU OF UTILITIES; AND SIGNED 9-14-04 BY CHIEF, DEVELOPMENT ENGINEERING DIVISION.

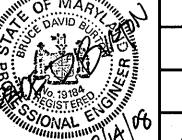
	<u> </u>	QUANTIT	TES .	
WHEELE	R CONSTRUCTION	AS-BUILT		
ITEM	QUANTITES ESTIMATED	QUANTITES	TYPE	MANUFACTURER/SUPPLIER
8" San.	133 L.F.		PVC	
San. Manhole	O Ea.	٥		
4" SHC	O L.F.	0		· · · · · · · · · · · · · · · · · · ·
4" Water	18 L.F.	0		
6" Water	52 L.F.	56	920	
6" x 4" Reducer	1 Ea.	0		
12"x 6" Tee	1 Ea.	4 1	DIP	
4" Cap	1 Ea.	0		
1" WHC	O L.F.	0		
12" Water	1071 L.F.		DIP	
12" X 6" FHT	2 Ea.	3	OIP	
Fire Hydrant	2 Ea.	. 3		:
6" Valve	3 Ea.	4	DIP	*
12" Cap	1 Ea.	l l	DIG	
12" Valve	3 Ea.	2	DIP	

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PLANNING & ZONING

LDE Inc.

Engineers, Surveyors, Planners 9250 Rumsey Road, Suite 106 Columbia, Maryland - 21045 (410)715-1070 - (301)596-3424 - FAX(410)715-9540



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K.B.W.			•		
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B.D.B.	KCI	Δ	AS-BUILT	7/2012	
D.D.D.		737			ı
DATE.	LDE	\triangle	REVISE QUANTITIES PER REVISION & ADD NOTE.	1/2008	
07/2004	BY	NO.	REVISION	DATE	ſ
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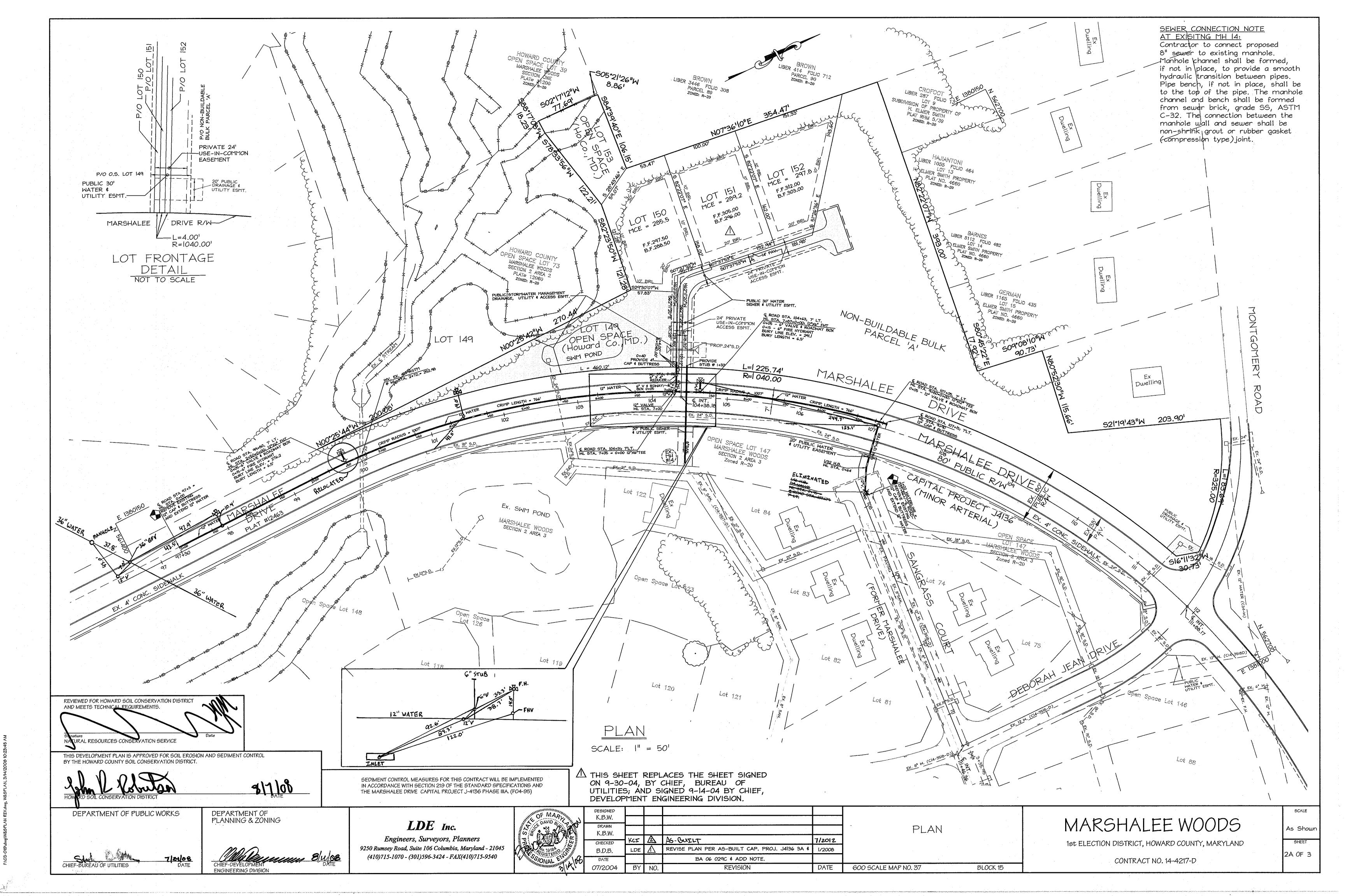
COVER SHEET

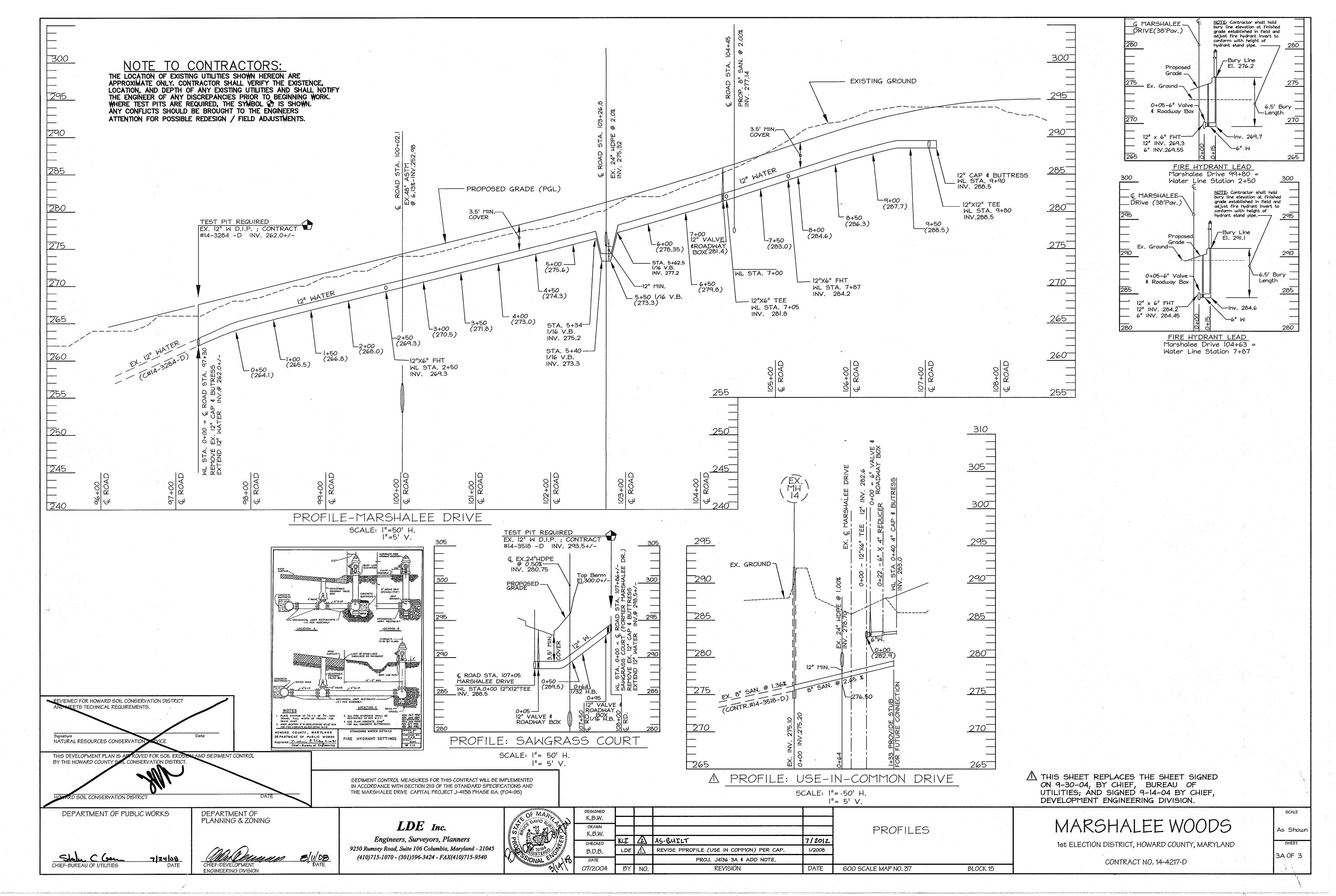
BLOCK 15

MARSHALEE WOODS 1st ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

CONTRACT NO. 14-4217-D

As Shown 1 A OF 3





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