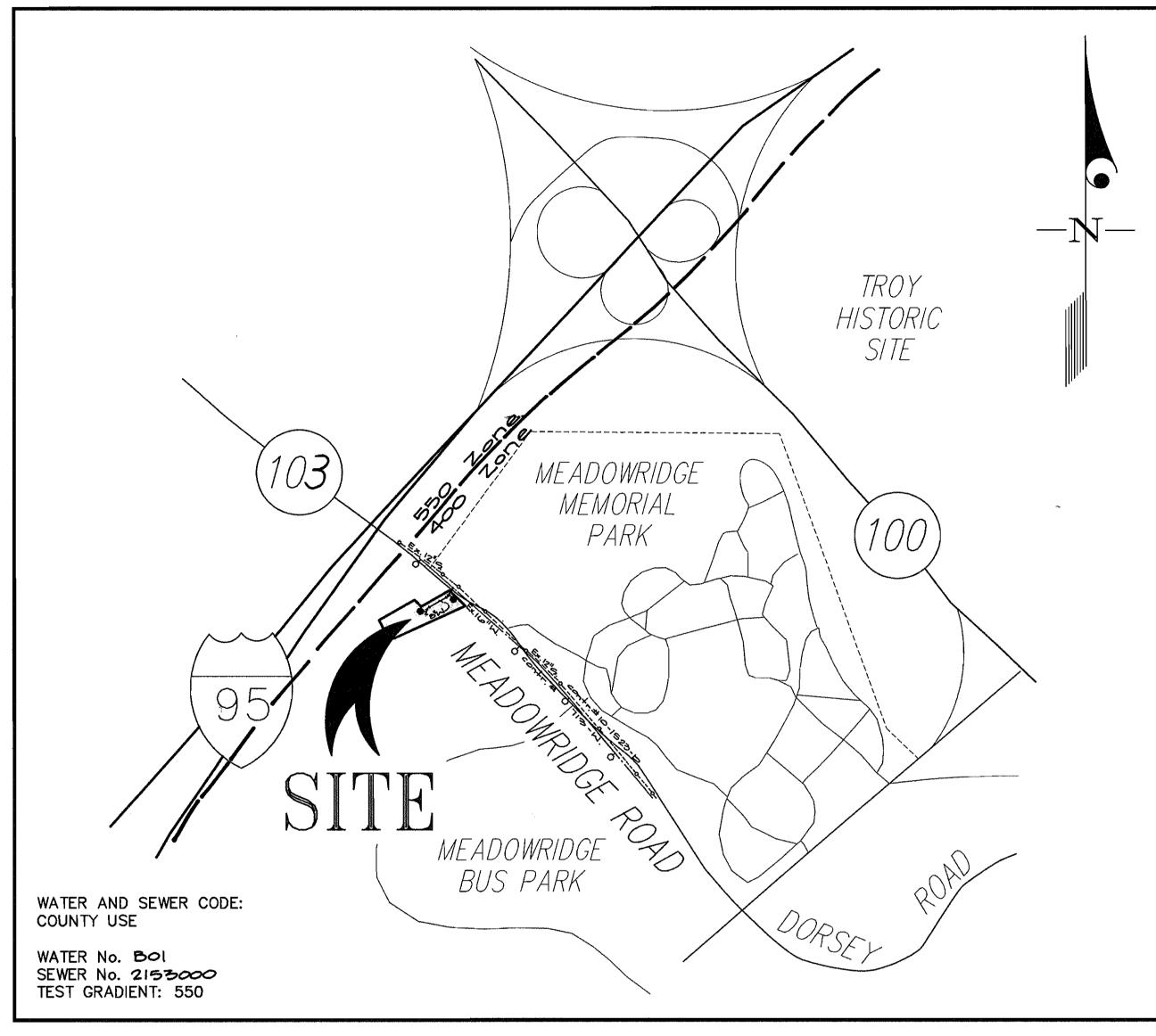
	QU	ANTITIES				
	OLIANTITICO	AS-BUILT				
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER		
6" WATER	21 L.F.					
8" WATER	238 L.F.					
FIRE HYDRANT & VALVE	2 EA.					
4",WHC	10 L.F.					
		**************************************				
				**************************************		
			-			
**************************************						
NAME OF UTILITY CO	NTRACTOR:					
			SURVEY AND	CHECKBOX:		
			DRAFTING DIV.	AS-BUILT DATE:		



VICINITY MAP SCALE: 1"=600'

CONTRACT No. 44-3682-D J.E.H. PROPERTY, L.L.C. LIBER 4201 FOLIO 47

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS



GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

PREPARED FOR :	DES: <i>GAH</i>				
HAMEL COMMERCIAL, Inc.	DRN: <i>SDS</i>				
6586 MEADOWRIDGE ROAD ELKRIDGE, MARYLAND 21227 ATTN: ED HAMEL	CHK: <i>CKG</i>				
PHONE: 410-379-6700	DATE: <i>MAR.</i> 1998	₩S-J BY	<u>∧</u> NO	Rev. aize of wHc in quant. Box REVISION	¬.
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PUBLIC WATER EXTENSION TITLE SHEET

J.E.H. PROPERTY, L.L.C.

Commercial (3 story office)

TREATMENT PLANT Patapsco Wastewater Treatment Plant

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

2. All horizontal controls are based on Maryland State Coordinates [North

Clear all utilities by a minimum of 6". Clear all poles by 2'-0"

additional poles, any cost incurred by the owner for bracing of

6. For details not shown on the drawings, and for materials and

The contractor shall have a copy of Volume IV on the job.

advance of construction operations at his own expense.

Howard County Department of Public Works

10. Contractor shall remove trees, stumps and roots along line of

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

Valves adjacent to tees shall be strapped to tees.

otherwise noted on plans or in specifications.

Tops of all water mains to have a minimum of 3-1/2 cover unless

Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of

All fittings shall be buttressed or anchored with concrete in accordance

The contractor shall not operate any water main valves on the existing

7. All water house connections shall be for inside meter setting unless

All sewer mains shall be DIP and P.V.C. unless otherwise noted.

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

All manholes shall be 4' - 0'' inside diameter unless otherwise noted. Force mains shall be D.I.P. only.

Manholes shown with 12" and 16" walls are for brick manholes only.

Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted

8. For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.

with the Standard Details unless otherwise provided for on the drawings.

minimum or tunnel as required. The owner has contacted the utility

additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies

construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition).

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

Existing utilities in the vicinity of the proposed work for which test

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not be

excavation. Payment for such removal shall be included in the unit

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 on County roads for laying water/sewer mains or house connections. The approval of these drawings

will constitute compliance with DPW requirement per Section 18.114(a) of

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

containing the results of the test pit or pits is included on the drawings.

pits have not been dug shall be located by the contractor two weeks in

531-5533

850-4620

787-9068

795–1390

313-4900

1-800-257-7777

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

TYPE OF BUILDING

NUMBER OF UNITS

NUMBER OF S.H.C.'s

NUMBER OF W.H.C.'s

DRAINAGE AREA

Contractor's expense.

American Datum 1983 (NAD '83)].

to schedule the bracing of the poles.

State Highway Administration

Bureau of Utilities

removed or damaged by the contractor.

price bid for construction of the main.

BGE Under Ground Damage Control

BGE Contractor Services

Colonial Pipeline Co.

the Howard County Code.

the Standard Specifications.

PART II - WATER

PART III - SEWER

on drawings.

otherwise noted.

Miss Utility

All vertical controls are based on U.S.G.S. data. All pipe elevations shown are invert elevations.

> SHOWN SHEET \_\_\_OF\_\_2\_

LIBER 4201 FOLIO 47 CONTRACT No. 44-3682-D

GLW FILE No. 97–132

SCALE

CHIEF, BUREAU OF UTILITIES DATE

Sediment Control Measures will be implemented in

of 8 for Sediment & Erosion Control.

DISTRICT AND MEETS TECHNICAL

accordance with Section 219 of the Specifications & with Road Drawings Plan SDP-98-94; Drawings 2 and 3

REVIEWED FOR HOWARD SOIL CONSERVATION

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

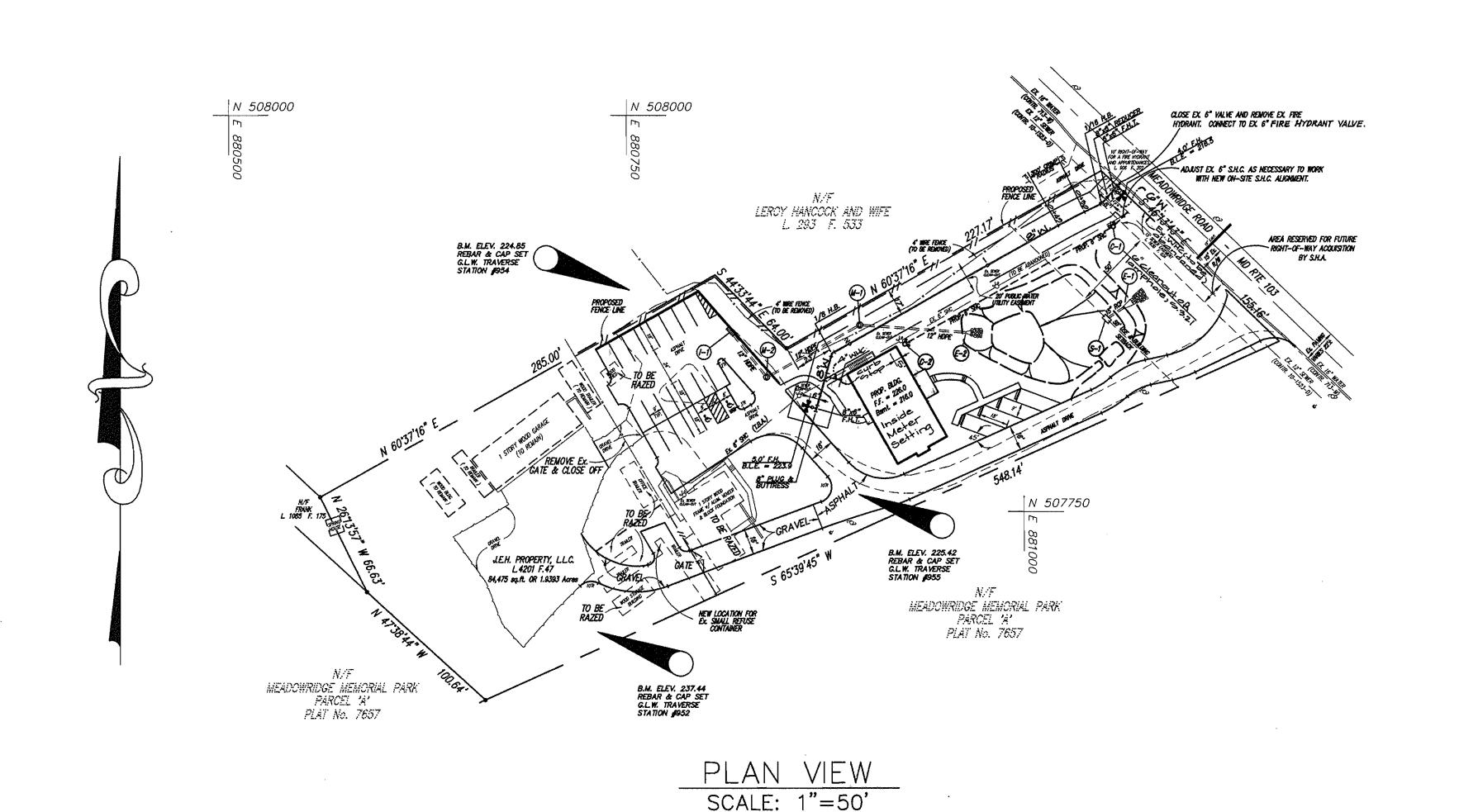
DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

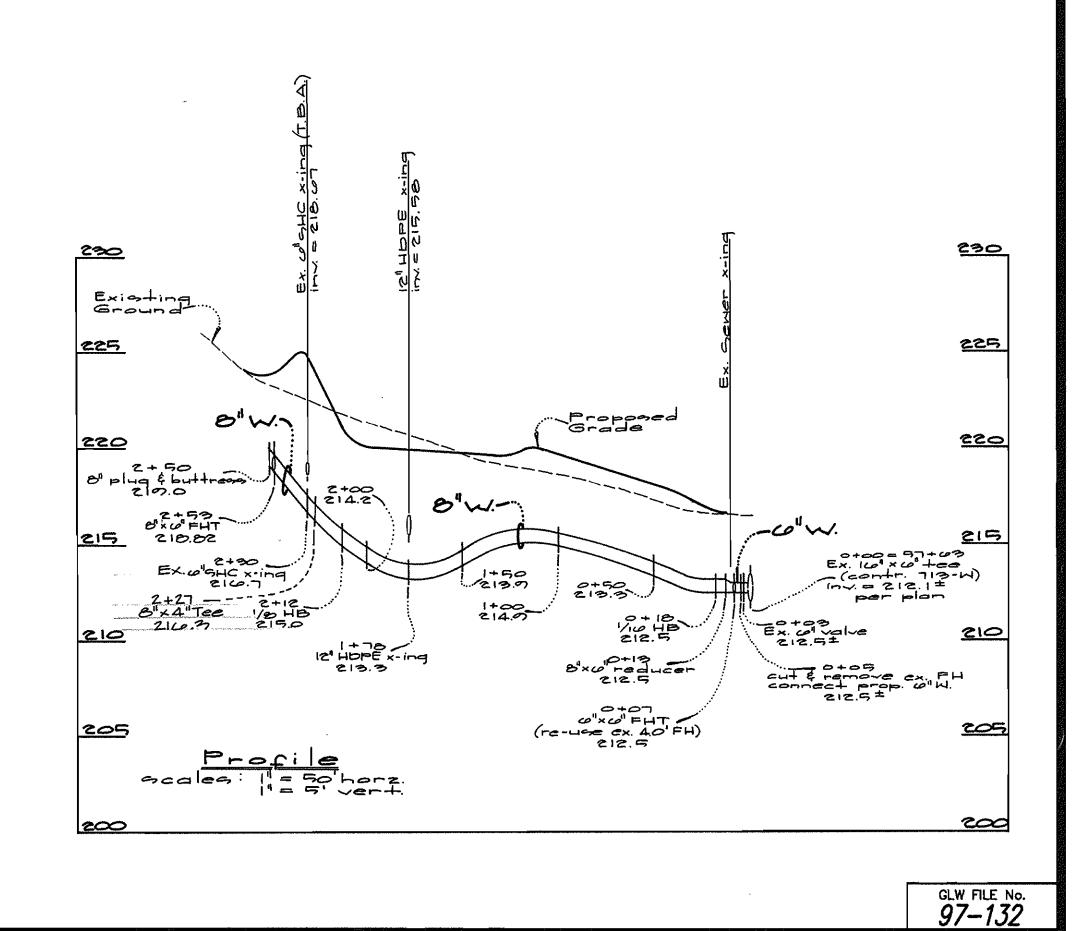
CHEF, DEVELOPMENT ENGINEERING DIVISION

3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DATE 600' SCALE MAP NO. 37 BLOCK NO. 22 1st ELECTION DISTRICT

HOWARD COUNTY, MARYLAND





DEPARTMENT OF
PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert M Bernson 4-8-98
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

CHIEF. DEVELOPMENT ENGINEERING DIVISION DATE

GLWGUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3909 NATIONAL DRIVE - SUITE 250 - BURTONSWILLE OFFICE PARK
BURTONSWILLE, MARYLAND 20866

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PREPARED FOR :	DES: <i>GAH</i>
HAMEL COMMERCIAL, Inc. 6586 MEADOWRIDGE ROAD	DRN: <i>SDS</i>
ELKRIDGE, MARYLAND 21227 ATTN: ED HAMEL	CHK: <i>CKG</i>
PHONE: 410-379-6700	DATE: MAR.

IFS: GAH				
LO. UALI				
RN: <i>SDS</i>				
HK: <i>CKG</i>			•	
MAR	LOW	Δ	Show ex WHC to be abandoned Revine location baize of WHC	কা-এ <b>চ</b>
DATE: 1998	BY	NO	REVISION	DATE
)		RN: SDS  HK: CKG  ATE: MAR. BY	RN: SDS  HK: CKG  ATE: MAR. WOJ A  BY NO	RN: SDS  HK: CKG  A Show ex what to be abandoned

PUBLIC WATER EXTENSION
PLAN & PROFILE

600' SCALE MAP NO. 37 BLOCK NO. 22 1st ELECTION DISTRICT

J.E.H. PROPERTY, L.L.C.
LIBER 4201 FOLIO 47

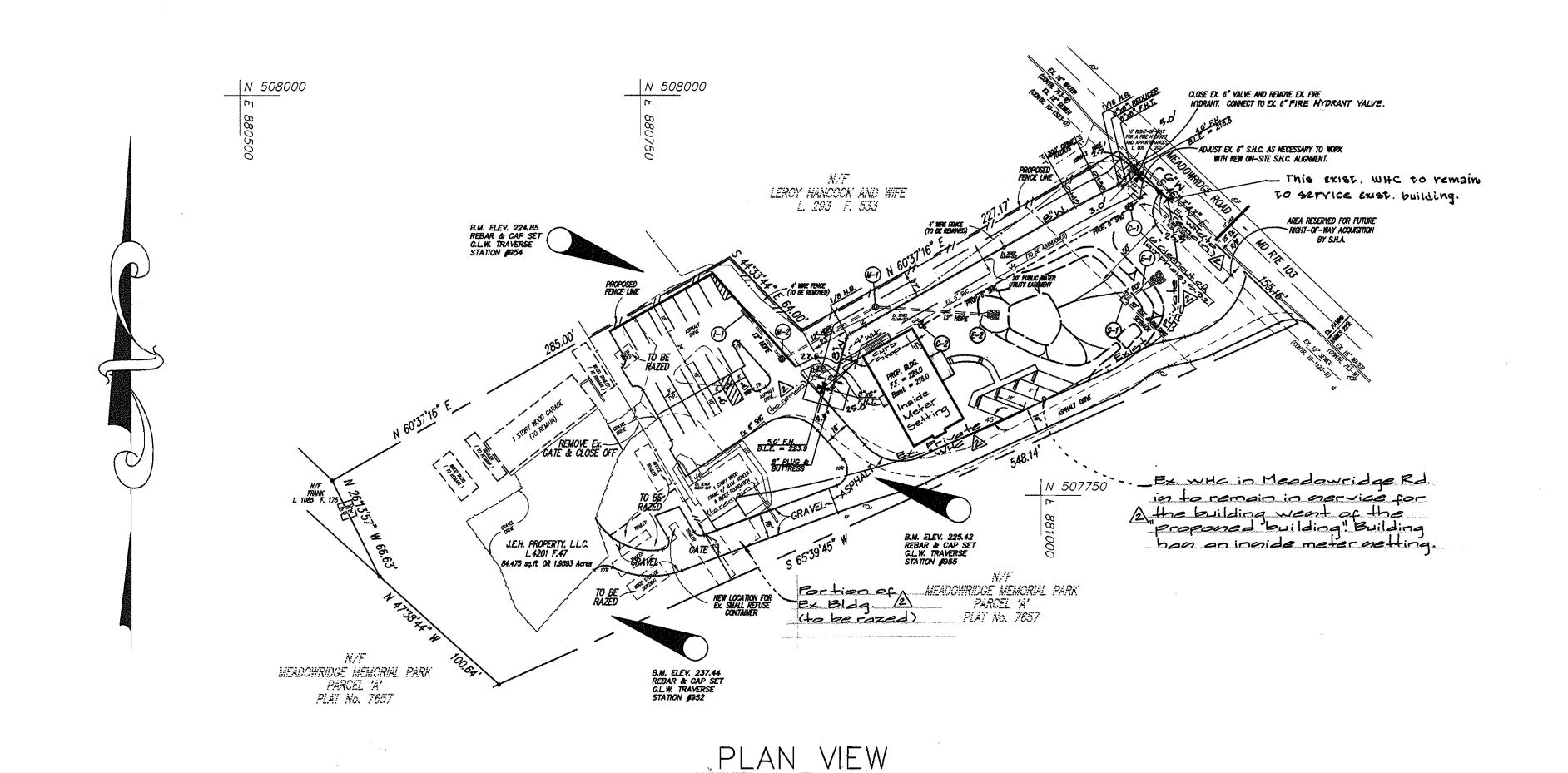
CONTRACT No. 44-3682-D

L.L.C.

SCALE
AS
SHOWN

SHEET
2 OF 2

97132W\$2.DWG



SCALE: 1"=50'

230 Existing 225 <u> 220</u> 2+53 8×6 FHT 210.82 1+50 210 1+78/ 12 HDPE x-ing 213.3 8×0 reducer 0+07 0"×0" FHT / (re-use ex. 40' FH) 212.5 <u>205</u>



DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
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TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

PREPARED FOR: HAMEL COMMERCIAL, Inc. 6586 MEADOWRIDGE ROAD ELKRIDGE, MARYLAND 21227 ATTN: ED HAMEL PHONE: 410-379-6700

DES: GAH CHK: CKG WOLL & ohowex. WHC to remain for ex. Bldg. 3.22.00

WOLL A Show ex WHC to be abandoned 7-0-08

BY NO REVISION DATE 

PUBLIC WATER EXTENSION PLAN & PROFILE

J.E.H. PROPERTY, L.L.C.

SCALE AS SHOWN LIBER 4201 FOLIO 47 SHEET 2 OF 2 CONTRACT No. 44-3682-D 1st ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

GLW FILE No. 97–132