

SHEET INDEX

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# FINAL ON-SITE WATER EXTENSION

# STANFORD OVERLOOK

# CONDOMINIUM UNIT B

## PARCEL A-40

## 6th ELECTION DISTRICT

## HOWARD COUNTY, MARYLAND

## CONTRACT NO. 44-4470-D


**BENCH MARKS**

HOWARD COUNTY CONTROL  
STATION 3618  
N 553,348.652  
E 1,364,085.211  
ELEV. 386.424

HOWARD COUNTY CONTROL  
STATION 42CA  
N 551,695.745  
E 1,362,506.381  
ELEV. 377.233

PRESENT ZONING: NT (NEW TOWN)  
TAX MAP: 36  
STREET ADDRESS: 8900 STANFORD BLVD., COLUMBIA, MD

**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 service. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
- Topographic field surveys were performed in NOVEMBER 2006, by PATTON HARRIS RUST & ASSOCIATES.
- The coordinates shown on the drawings are based on Maryland State Reference System NAD '83/91 as projected by Howard County Geodetic Control Stations No. 3618 and No. 42CA.
- All horizontal and vertical controls are based on NAVD 88.
- All pipe elevations shown are invert elevations unless otherwise noted on the plans.
- Clear all utilities by a minimum of 12 inches. Clear all poles by 5'-0" minimum or tunnel as required unless otherwise noted. 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 schedule the bracing of the poles.
- 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 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.
- The contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:  
AT&T 1-800-252-1133  
BGE (Contractor Services) 410-850-4620  
BGE (Emergency) 410-685-1400  
Bureau of Utilities 410-313-4900  
Colonial Pipeline Co. 410-795-1390  
Miss Utility 1-800-257-7777  
State Highway Administration 410-531-5533  
Verizon 1-800-743-0033 / 410-224-9210
- 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.
- The contractor shall remove trees, stumps and roots along the line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
- The contractor shall notify the Bureau of Highways, Howard County, at 410-313-7450 at least five working days before 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.
- Contractor shall take necessary precautions and safety measures to guard against overhead lines that will interfere with excavating equipment during construction.
- No wetlands are present on site.
- The water meter shall be located inside the building.
- The Site Development Plan for this project is included in SDP-07-056.

**WATER NOTES**

- All water mains shall be DIP Class 52 unless otherwise noted.
- Tops of all water mains shall have a minimum of 3'-6" of 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 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.
- The contractor shall not operate any water main valves on the existing water system.
- All water house connections shall be for inside meter setting unless otherwise notes on plans or in specifications.

**QUANTITIES**

ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER / SUPPLIER
8" WATER	291 LF	291 LF	DIP, CL. 54	GRIFFIN PIPE/ATLANTIC STATES
8" VALVE	1 EA.	1 EA.	KENNEDY	AMERICAN DARLING/BELAIR RD. SUPPLY
8"x6" TEE	3 EA.	3 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
8" PLUG & BUTTRESS	1 EA.	1 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
8" 1/8 HB	2 EA.	2 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
8" 1/16 HB	1 EA.	1 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
6" WATER	76 LF	76 LF	DIP, CL. 54	GRIFFIN PIPE/ATLANTIC STATES
6" VALVE	3 EA.	3 EA.	KENNEDY	AMERICAN DARLING/BELAIR RD. SUPPLY
8" 1/32 HB	1 EA.	1 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
6" PLUG & BUTTRESS	1 EA.	1 EA.	DIP, MJ	AMERICAN DARLING/BELAIR RD. SUPPLY
8" SEWER	58 LF	58 LF	PVC, SDR-35	J.M. MAN'UF.

NAME OF UTILITY CONTRACTOR : PLEASANTS CONSTRUCTION INC.

Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications and as shown on F-82-178 SDP-07-056

Review for Howard Soil Conservation District and meets technical requirements.

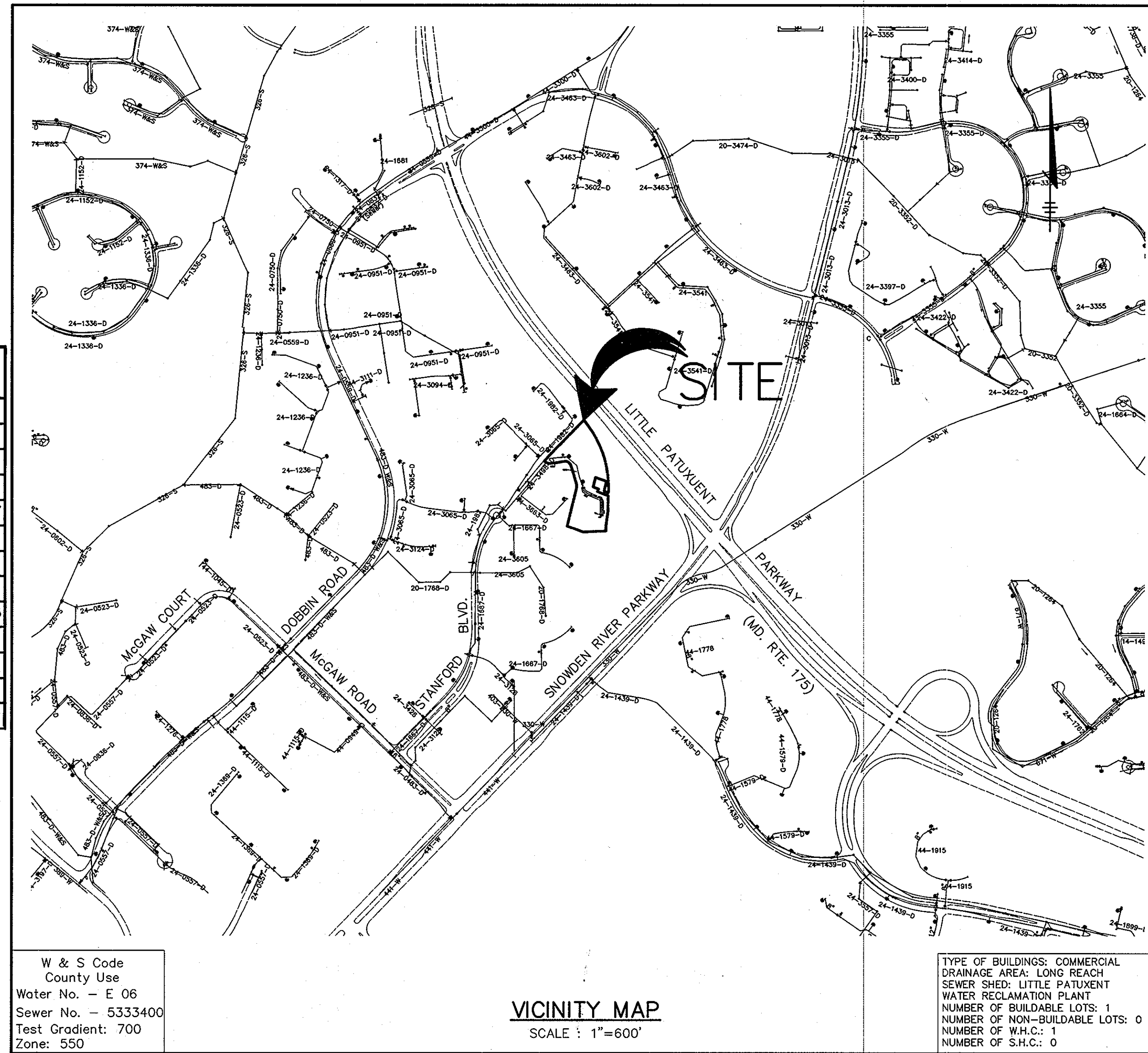
*Jim Meyer* 6/26/09  
NATURAL RESOURCES CONSERVATION SERVICE  
DATE

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.

*John K. Robinson* 6/26/09  
HOWARD SOIL CONSERVATION DISTRICT  
DATE

OWNER:  
PARCEL A40 LLC  
ATTN: GARY BAXLEY  
7226 LEE DEFOREST DR., SUITE 210  
COLUMBIA, MD 21046

DEVELOPER:  
BAXLEY DEVELOPMENT, INC.  
ATTN: GARY BAXLEY  
7226 LEE DEFOREST DR., SUITE 210  
COLUMBIA, MD 21046



W & S Code  
County Use  
Water No. - E 06  
Sewer No. - 5333400  
Test Gradient: 700  
Zone: 550

VICINITY MAP  
SCALE: 1"=600'

TYPE OF BUILDINGS: COMMERCIAL  
DRAINAGE AREA: LONG REACH  
SEWER SHED: LITTLE PATUXENT  
WATER RECLAMATION PLANT  
NUMBER OF BUILDABLE LOTS: 1  
NUMBER OF NON-BUILDABLE LOTS: 0  
NUMBER OF W.H.C.: 1  
NUMBER OF S.H.C.: 0

**AS BUILT**  
DATE: OCTOBER 2009

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*R.H.W.* 6-13-09  
CHIEF, BUREAU OF UTILITIES  
DATE

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

*W.C. Williams* 6/26/09  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE

Patton Harris Rust & Associates, PC  
Engineers, Surveyors, Planners, Landscape Architects.  
8818 Centre Park Drive  
Columbia, MD 21045  
T 410.997.8900  
F 410.997.9282

*Domenico W. Colangelo* #27200  
PROFESSIONAL ENGINEER

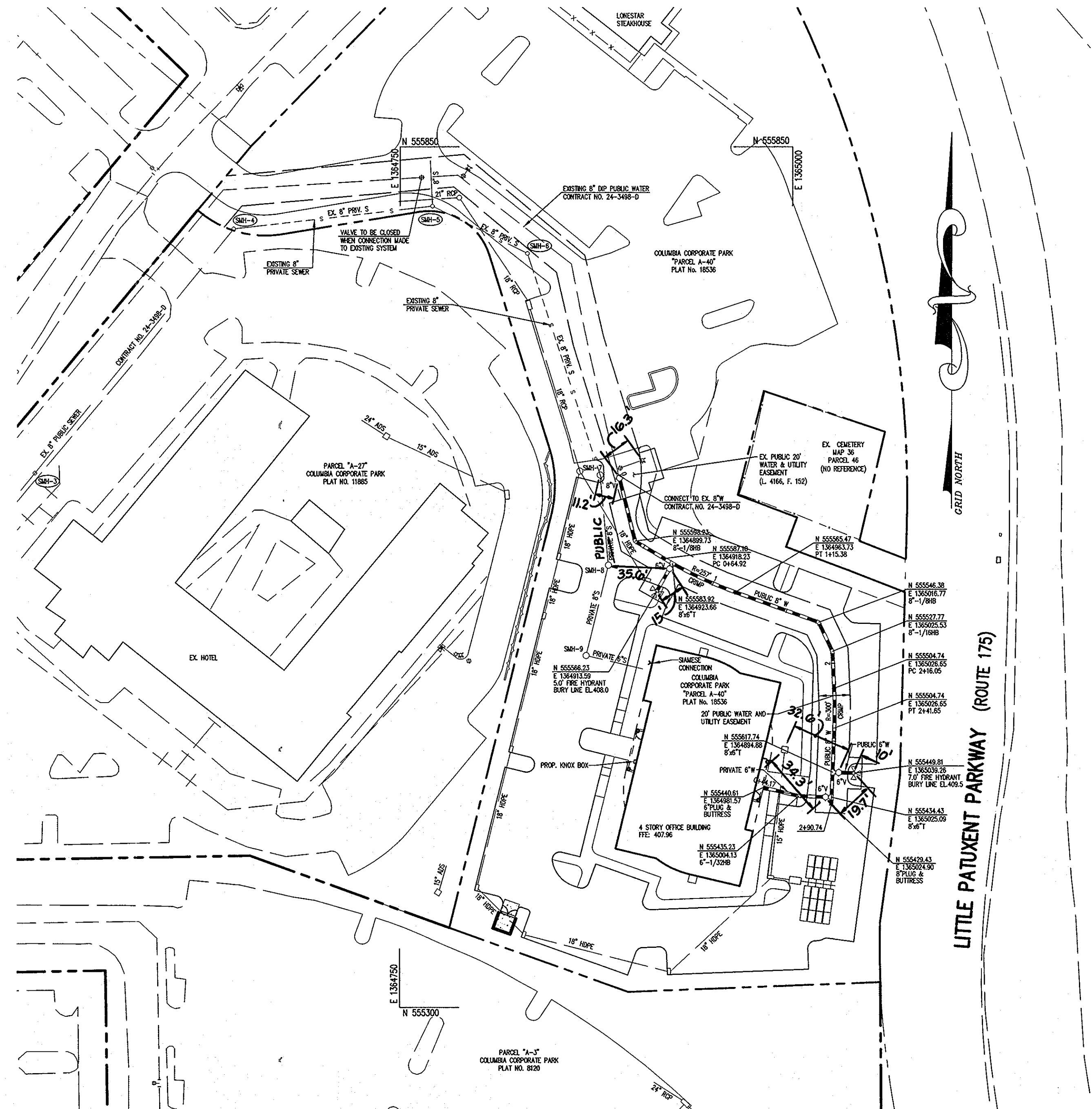
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DRN:					
FILE:					
DATE:	4/30/07				
BY	NO.	REVISION	DATE	600' SCALE MAP NO.	36
				BLOCK NO.	24

TITLE SHEET

STANFORD OVERLOOK CONDOMINIUM UNIT B  
PARCEL A-40  
6th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 44-4470-D

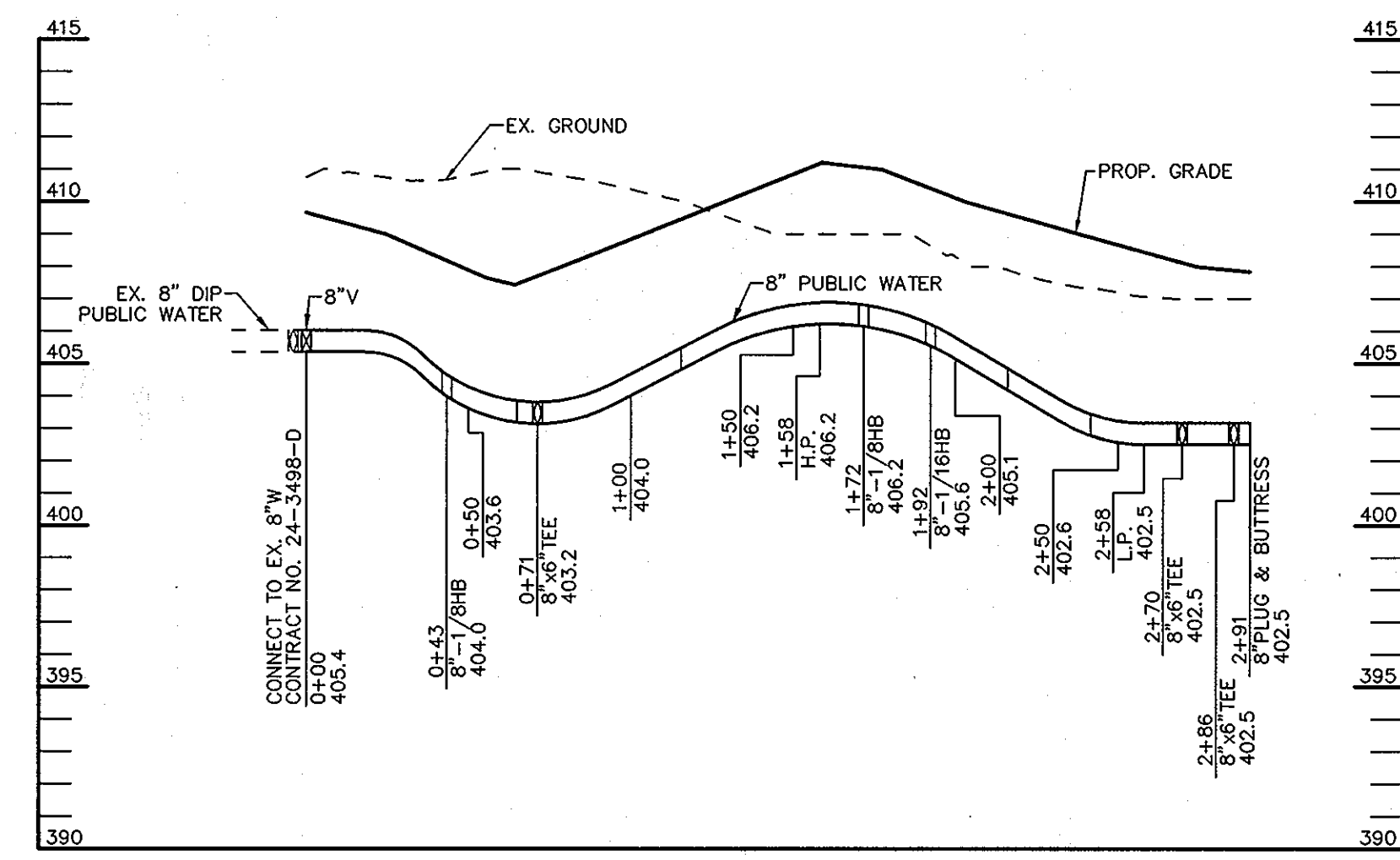
SCALE AS SHOWN

SHEET 1 OF 2

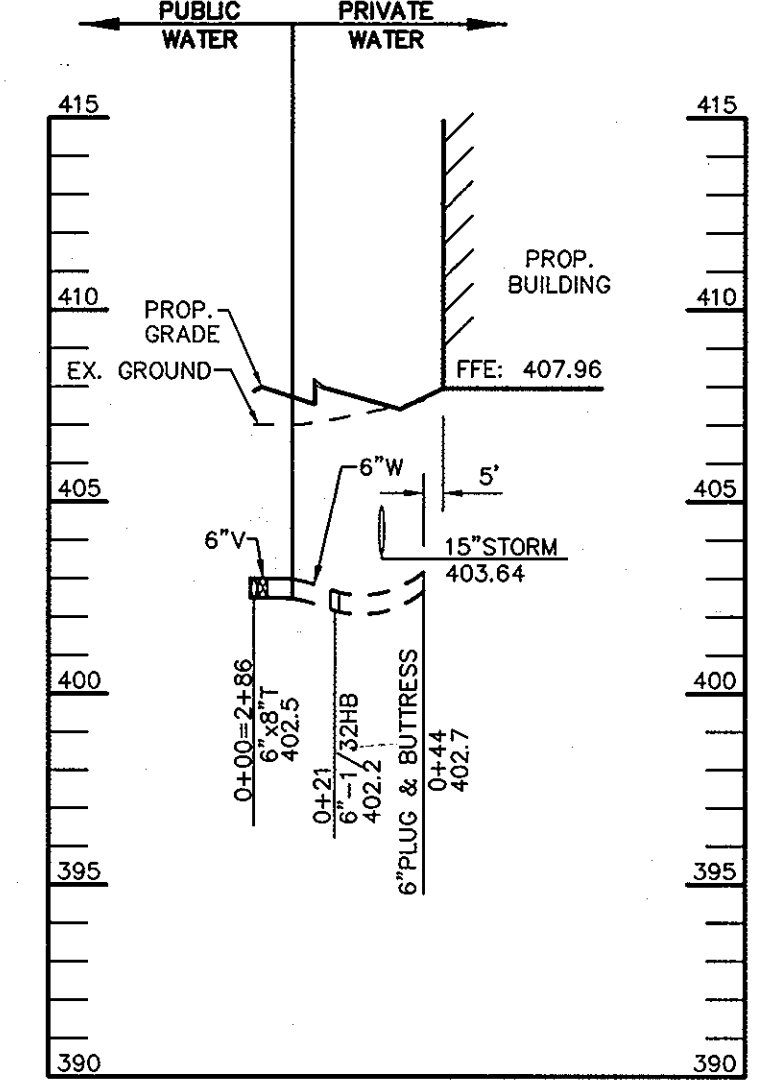


**PLAN**  
SCALE: 1" = 50'

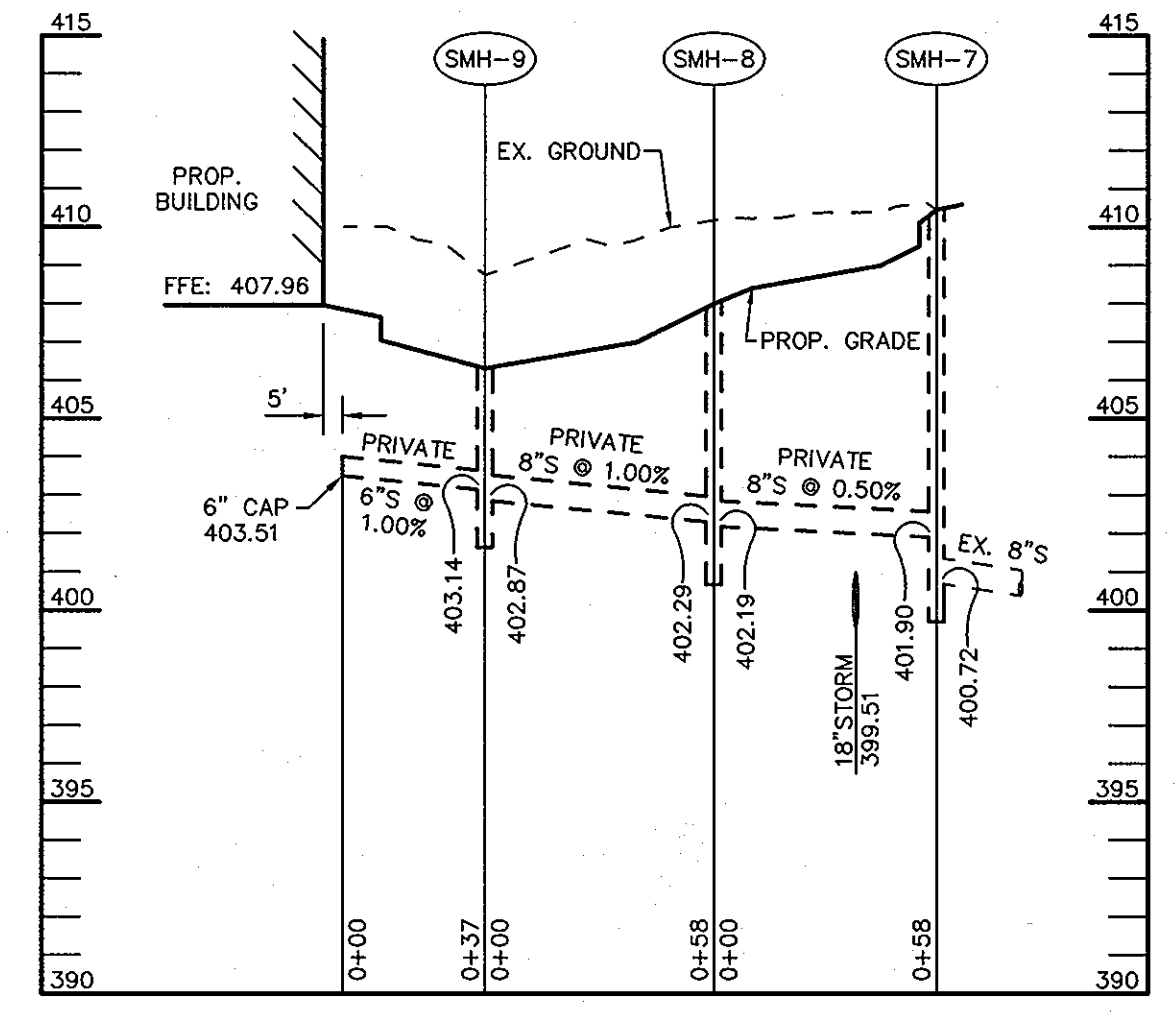
- LEGEND**
- PROPERTY LINE
  - PROPOSED WATER MAIN
  - PROPOSED TEE
  - PROPOSED VALVE
  - PROPOSED FIRE HYDRANT
  - EXISTING WATER MAIN
  - EXISTING SEWER MANHOLE
  - EXISTING PRIVATE SEWER MAIN
  - EXISTING PUBLIC SEWER MAIN
  - EXISTING STORM DRAIN PIPE



**WATER PROFILE**  
HOR. SCALE: 1" = 50'  
VERT. SCALE: 1" = 5'



**WATER PROFILE**  
HOR. SCALE: 1" = 50'  
VERT. SCALE: 1" = 5'



**PRIVATE SEWER PROFILE PER SDP-07-056**  
HOR. SCALE: 1" = 50'  
VERT. SCALE: 1" = 5'

**AS BUILT**  
DATE: OCTOBER 2009

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
*Pat B.*  
CHIEF, BUREAU OF UTILITIES  
DATE: 6-13-07

DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND  
*W. O. ...*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE: 6/13/07

Patton Harris Rust & Associates, pc  
Engineers, Surveyors, Planners, Landscape Architects.  
8818 Centre Park Drive  
Columbia, MD 21045  
T 410.997.8900  
F 410.997.9282

STATE OF MARYLAND  
DOMENIC W. COLANGELO #27200  
PROFESSIONAL ENGINEER  
DATE: 5/22/07

DES:	DWC				
DRN:					
FILE:					
DATE:	4/30/07				
BY	NO.	REVISION	DATE		

PLAN AND PROFILE OF  
WATER MAIN  
600' SCALE MAP NO. 36 BLOCK NO. 24

STANFORD OVERLOOK CONDOMINIUM UNIT B  
PARCEL A-40  
6th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
CONTRACT NO. 44-4470-D

SCALE AS SHOWN  
SHEET 2 OF 2