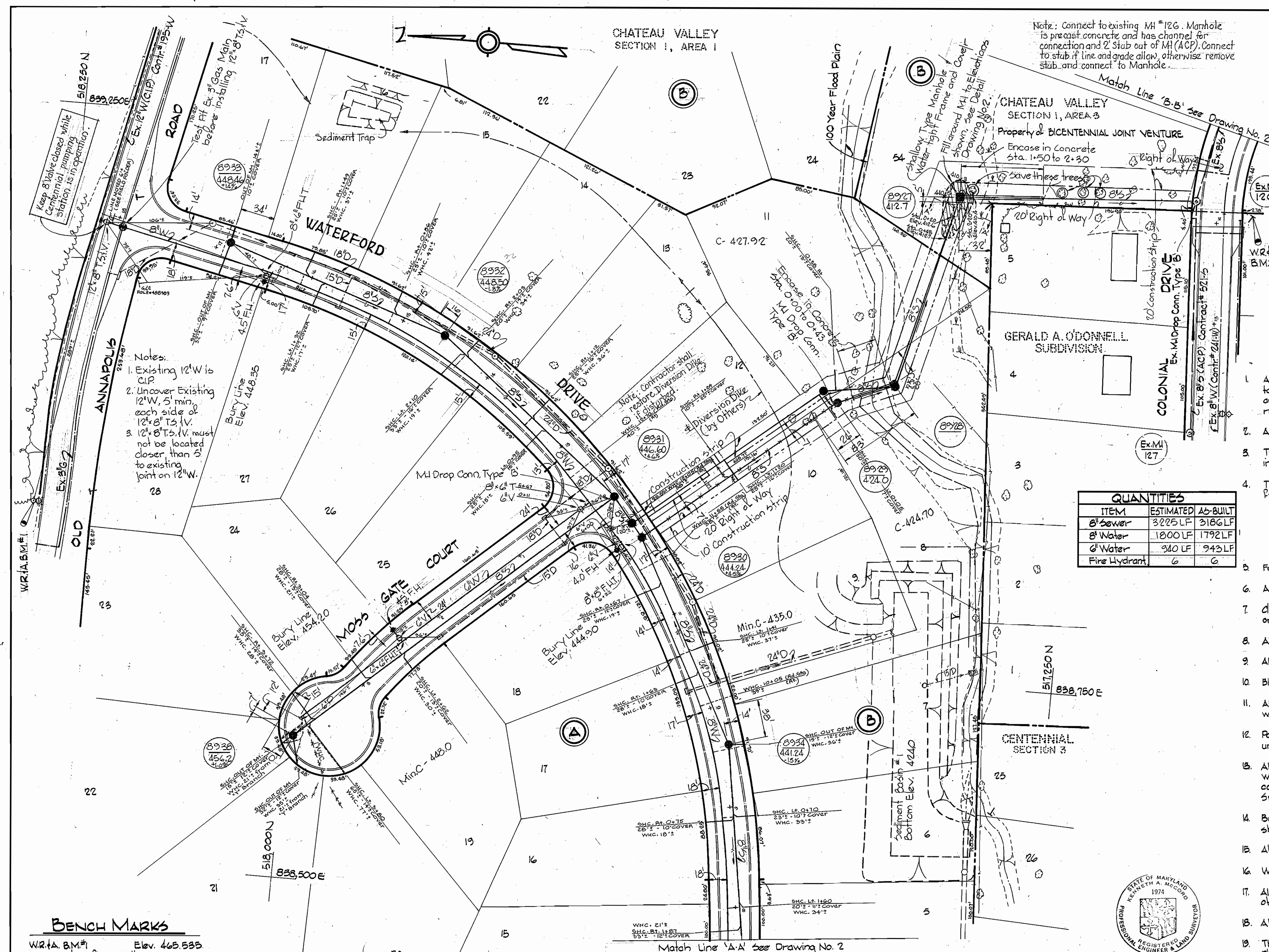
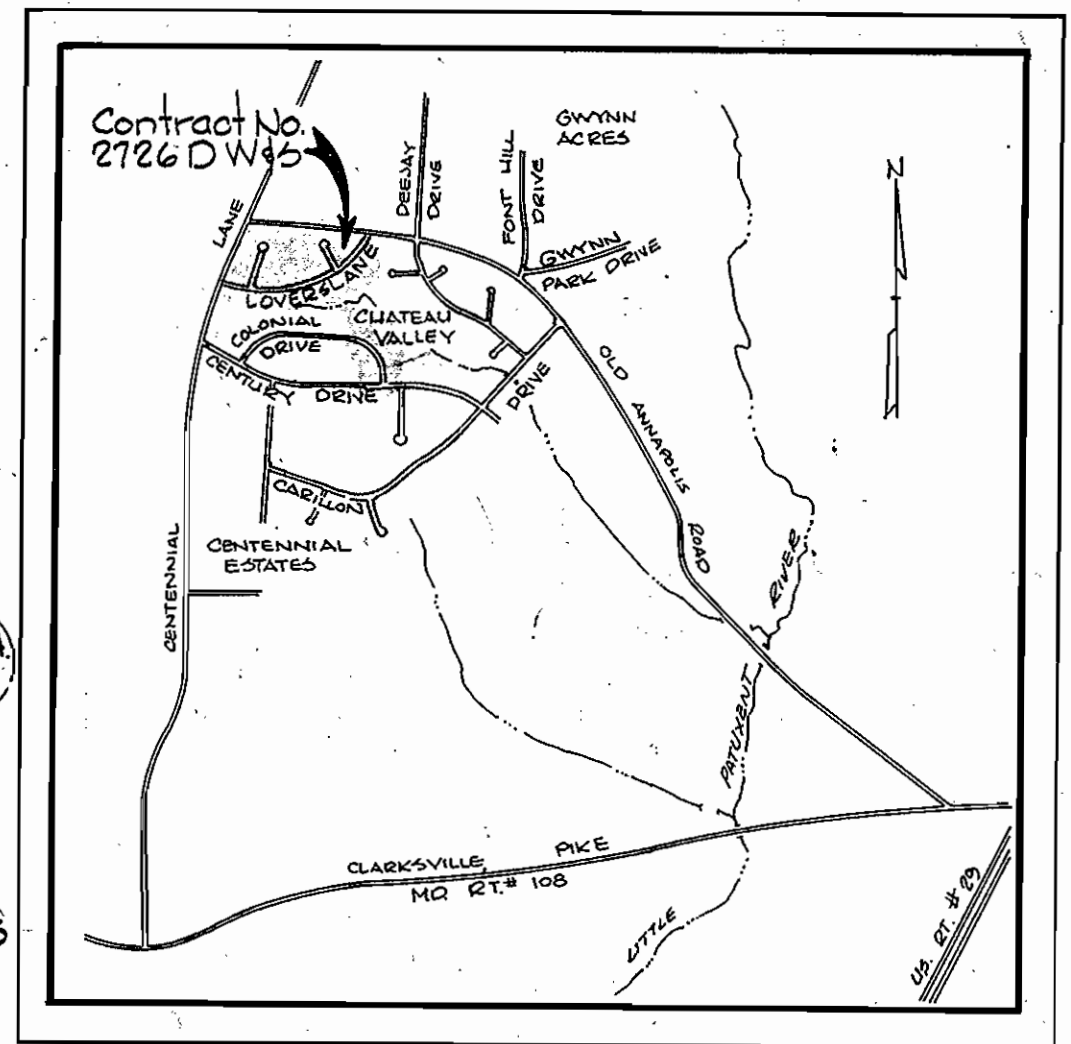


WS 726 W-5/1

BRUNING 44-510 1689Z



Note: Connect to existing MH #126. Manhole is precast concrete and has channel for connection and 2' stub out of MH (ACP). Connect to stub if line and grade allow, otherwise remove stub and connect to Manhole.



VICINITY MAP
Scale: 1" = 2000'

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.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. The Contractor shall notify the following utilities or agencies at least five days before starting work shown on these plans:
Baltimore Gas and Electric Company
Underground Electric Distribution Engineering 'Damage Control' 284-5691
Underground Gas Distribution Engineering - 559-0100
Chesapeake and Potomac Telephone Company - 727-9976.
5. For all standard details see standards bound in Specifications.
6. All horizontal and vertical controls are based on Maryland State Datum.
7. Clear all utilities by a minimum of 6'; clear all poles by a minimum of 2'-0" or tunnel as required.
8. All water mains shall be CIP, DIP, or ACP unless otherwise noted.
9. All water mains shall have a minimum of 3 1/2' cover.
10. Block all fittings with concrete, see standards bound in Specifications.
11. All valves shall be strapped to tees where applicable in accordance with the standard Details.
12. Payment for strapping fire hydrants and valves will be included in unit price bid for furnishing and laying water mains.
13. All fire hydrants shall be strapped and buttressed in accordance with standard details. Soil around the fire hydrants shall be compacted in accordance with Section 5-15 of the standard Specifications.
14. Bury Line elevations on fire hydrants shall be set to elevation shown on drawing.
15. All W.H.C.'s shall be 9/4" diameter unless otherwise noted.
16. Water services shall be for inside meter setting.
17. All sewer mains shall be CS.PX, VCP.X or ACP Class 2400 unless otherwise noted.
18. All Manholes shall be 4'-0" inside diameter.
19. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.

QUANTITIES	
ITEM	ESTIMATED AS-BUILT
8" Sewer	3225 LF 3186 LF
8" Water	1800 LF 1792 LF
6" Water	340 LF 343 LF
Fire Hydrant	6 6

Notes:
1. Existing 12" W is CIP
2. Uncover Existing 12" W, 5' min. each side of 12" x 8" T.S.I.V.
3. 12" x 8" T.S.I.V. must not be located closer than 5' to existing joint on 12" W.

BENCH MARKS

W.R.I.A. B.M.#1 Elev. 465.535
* cut on Flange bolt FH on Old Annapolis, 300' W. of Waterford Drive
W.R.I.A. B.M.#15 Elev. 432.400
R.R. spike base Pole #4 south side Colonial Dr. 15' east of end of paving.



Kenneth A. McLeod

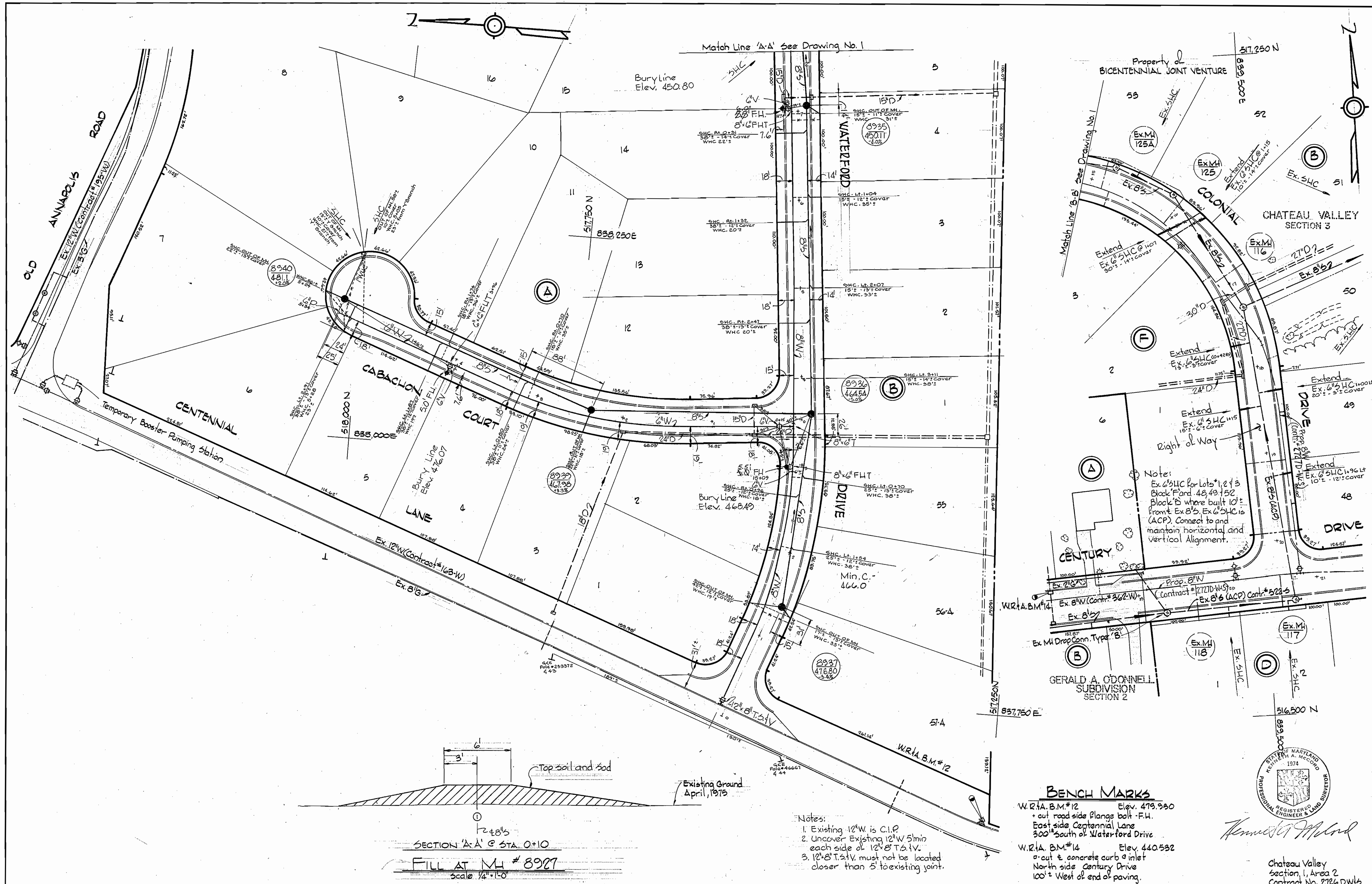
8" Sewer - ACP - Class 2400 & 3300 - Type 2 - JOHNS MANVILLE
6" & 8" Water - DIP - US PIPE

Chateau Valley Section I, Area 2
Contract No. 2726 DW8S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-9-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2726 DW8S W.O. Libout 3-9-77 CHIEF-BUREAU OF ENGINEERING - DATE	PLAN OF WATER AND SEWER MAINS ELECTION DISTRICT ELLICOTT CITY NO. 2 DRAWING NO. 1 OF 3 SCALE AS SHOWN
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WS 726 W-5/2

BRUNING 44510 1B332



SECTION 'A-A' @ STA. 0+10
 FILL AT MH # 8927
 Scale 1/4"=1'-0"

- Notes:
- Existing 12" W is C.I.P.
 - Uncover Existing 12" W 5' min each side of 12" T.S.I.V.
 - 12" T.S.I.V. must not be located closer than 5' to existing joint.

BENCH MARKS

W.R.I.A. B.M.#12 Elev. 479.930
 + out road side Plunge bolt -F.H.
 East side Centennial Lane
 300' south of Waterford Drive

W.R.I.A. B.M.#14 Elev. 440.532
 o out & concrete curb & inlet
 North side Century Drive
 100' West of end of paving.

Professional Engineer & Land Surveyor
 KENNETH A. MCCORD
 1974
 REGISTERED ENGINEER & LAND SURVEYOR
 State of Maryland

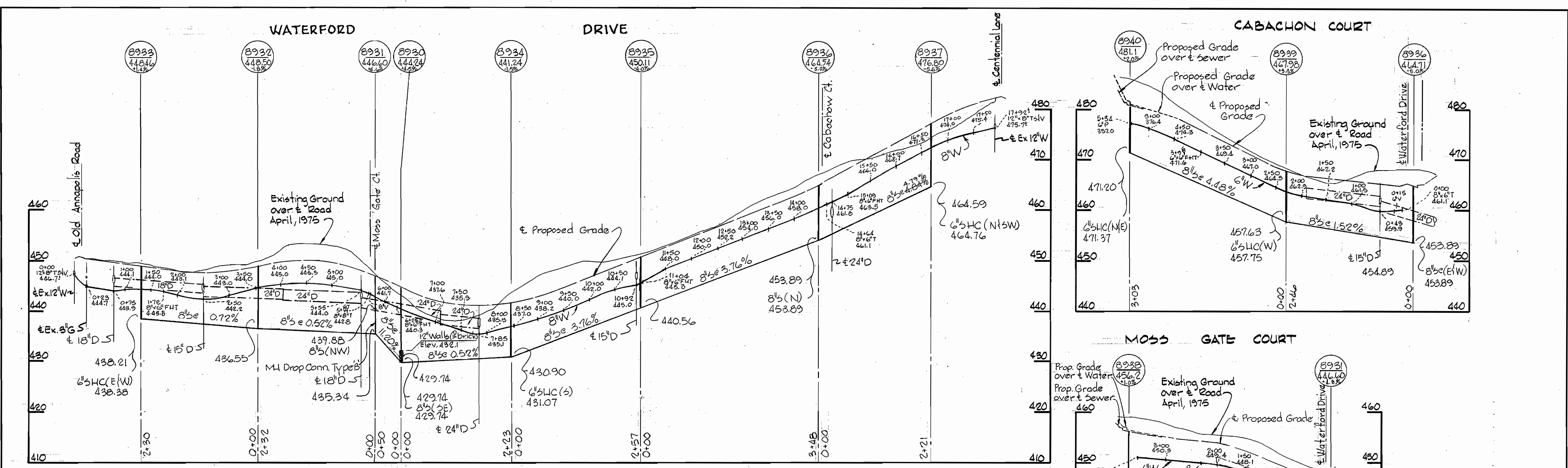
Kenneth A. McCord

Chateau Valley
 Section 1, Area 2
 Contract No. 2726 DW16

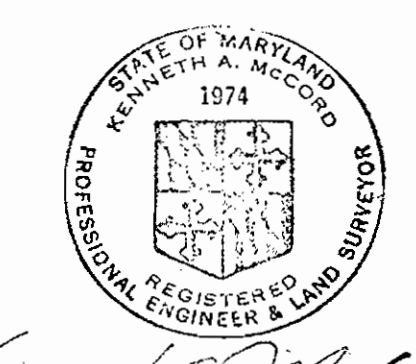
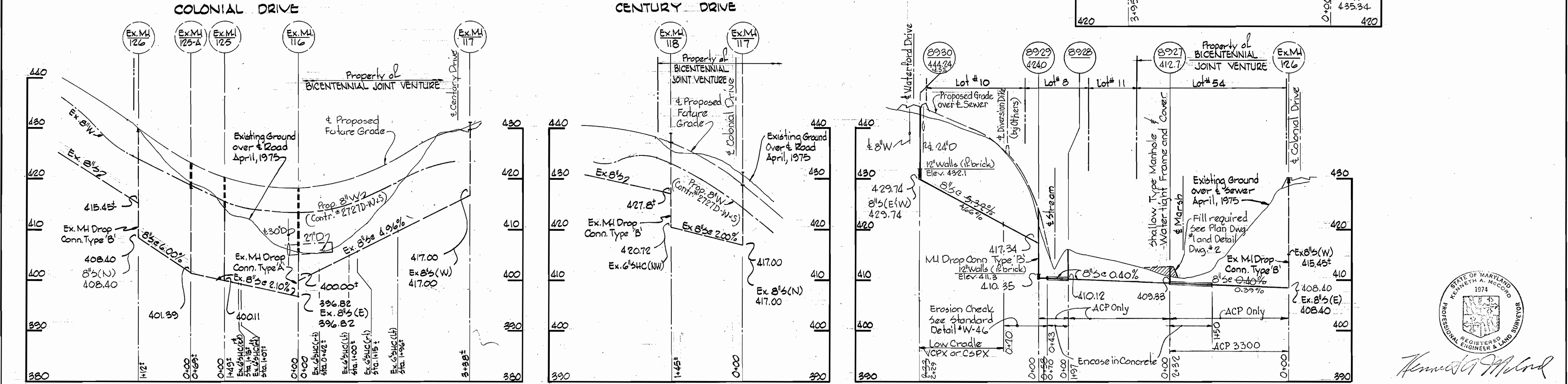
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-9-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2726 DW8S W.O. Libert 3-9-77 CHIEF-BUREAU OF ENGINEERING - DATE	PLANS AND DETAIL OF WATER AND SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO.2	DRAWING NO. 2 OF 3 SCALE 1"=50' As Built 7-22-77
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W. O. 7184-25

March 3, 1977



Note:
No grading of Colonial Drive, and Century Drive, will be performed until after Contract No. 2727D-W-5 has been constructed.



Kenneth A. McCord

Chateau Valley
Section 1, Area 2
Contract No. 2726DW8

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>P.R. Regan</i> 3-9-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 2726 DW8S <i>W.O. Pilbert</i> 3-9-77 CHIEF-BUREAU OF ENGINEERING - DATE	PROFILES OF WATER AND SEWER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 3 OF 3	SCALE H:1"=100' V:1"=10'
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WS 726 W-S/3

PRINTING 44-510 1839Z