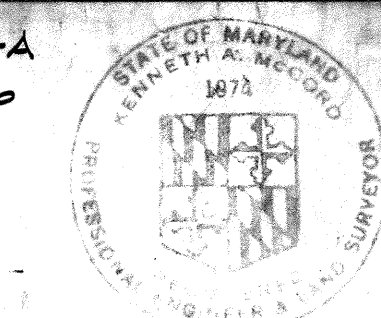
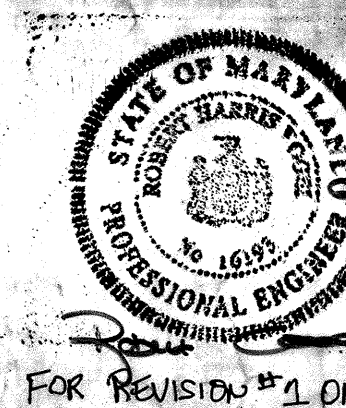


**CONTRACT NO. 609-W & S**  
**GUILFORD**  
**WATER AND SEWER EXTENSIONS**  
**HOWARD COUNTY, MARYLAND**

QUANTITIES		
ITEM	DESIGN	AS BUILT
8" Sewer	10,800 LF	9968 LF
12" Sewer	3,825 LF	2730 LF
14" Sewer	38 LF	38 LF
6" W	880 LF	770 LF
8" W	1300 LF	0
Fire Hydrants	3	1

Diary FB 6226-A  
Stakeout FB 6226



*Ernest A. Milrod*  
 Guilford  
 Project No 64-6021  
 Contract No 609-W&S

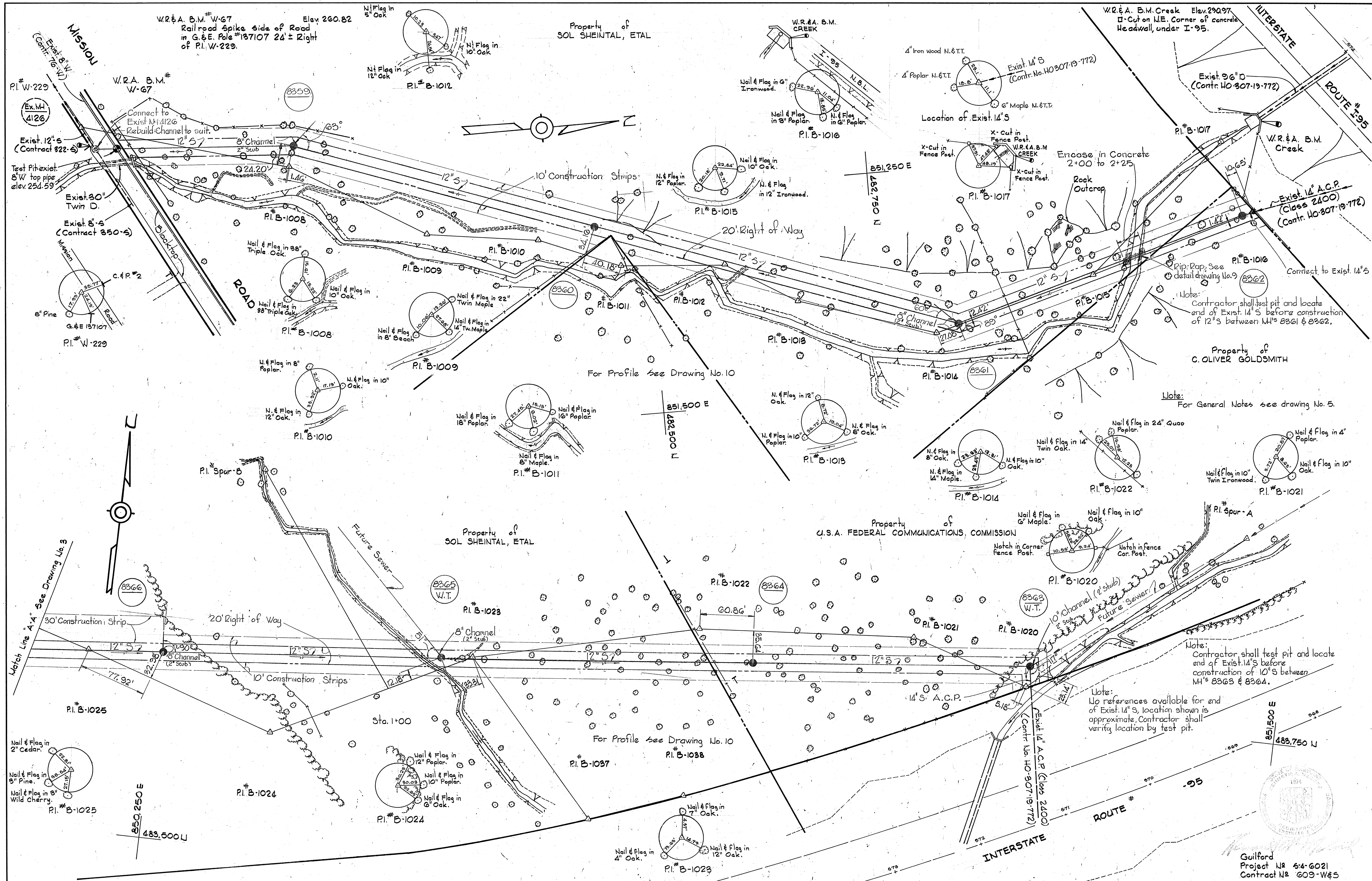
**DEPARTMENT OF PUBLIC WORKS**

NO.	DATE	REVISION
1	06-08-05	ABANDON EX. SEWER FROM SMH-8412 TO SMH-8386A

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>W. O. Gilbert</i> 4-21-17 DIRECTOR OF PUBLIC WORKS — DATE      CHIEF-BUREAU OF ENGINEERING — DATE	CONTRACT NO. <u>609-W&amp;S</u> PROJECT NO. <u>S-4-6021</u>	LOCATION MAP	ELECTION DISTRICT <b>GUILFORD NO. 6</b>	DRAWING NO. <u>1</u> OF <u>13</u> SCALE 1"=600'
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609-W&S/





Note:  
Contractor shall test pit and locate end of Exist. 14" S before construction of 12" S between MH# 8361 & 8362.

Note:  
For General Notes see drawing No. 5.

Note:  
Contractor shall test pit and locate end of Exist. 14" S before construction of 10" S between MH# 8363 & 8364.

Note:  
No references available for end of Exist. 14" S, location shown is approximate. Contractor shall verify location by test pit.

WHITMAN, REQUARDT & ASSOCIATES  
ENGINEERS  
1304 ST. PAUL ST.  
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
My Reg. 4-22-77  
Director of Public Works - DATE

WOF Reg. 4-21-77  
Chief Bureau of Engineering - DATE

CONTRACT NO. 609-W&S  
PROJECT NO. S-4-6021

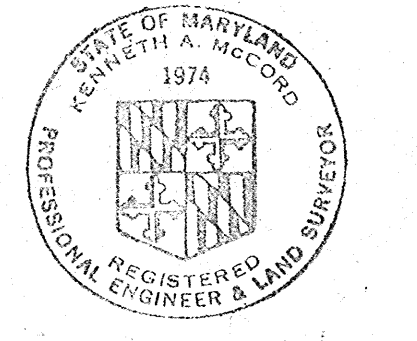
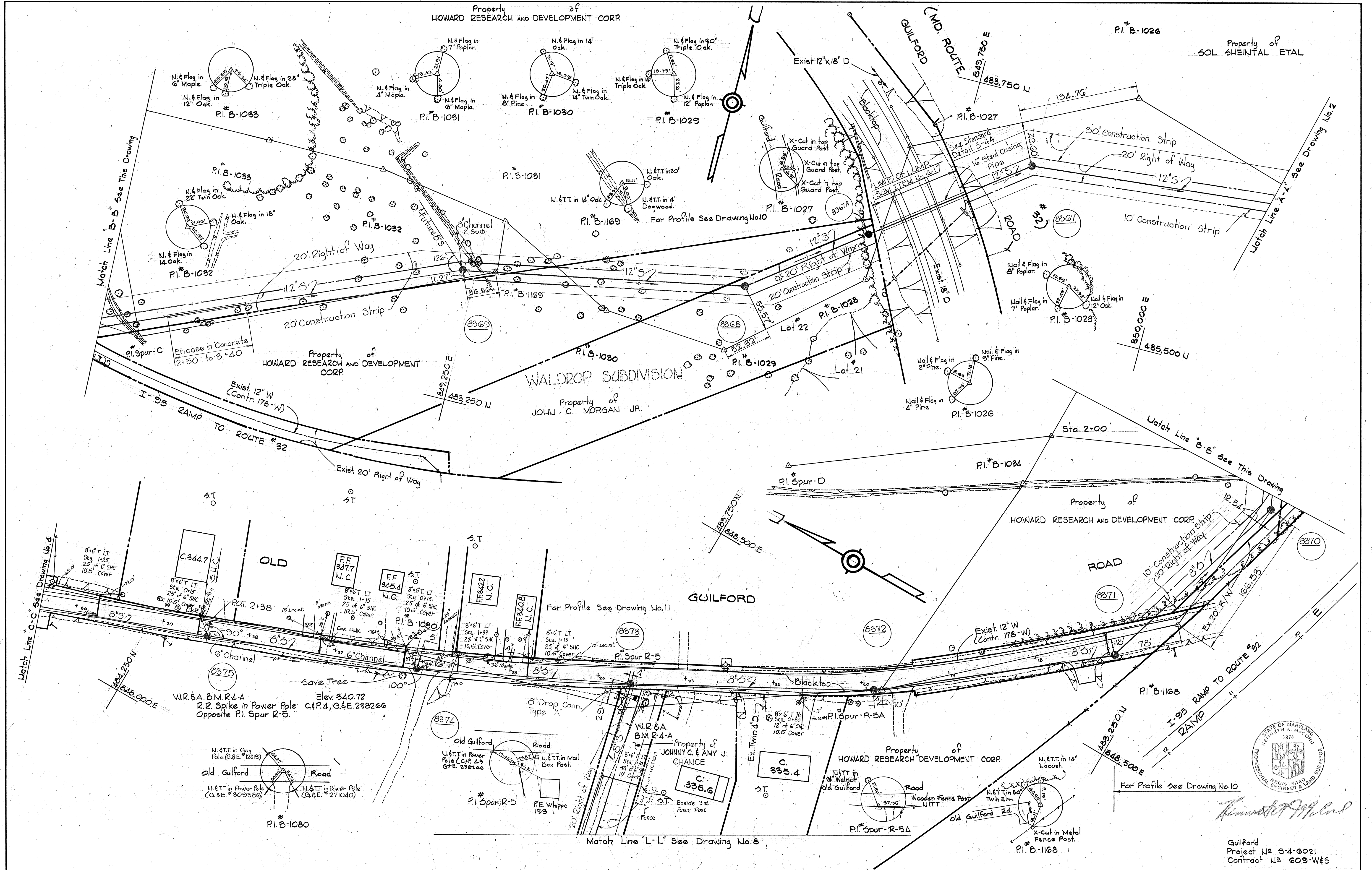
PLAN OF  
SEWER MAINS

ELECTION DISTRICT  
GUILFORD NO. 6

DRAWING NO. 2 OF 13  
SCALE 1"=50'

A3-BUILT  
F.S. # 4161, 4574, 3906, 3888  
Nov. 12, 1979  
MAY 11, 1977





*Handwritten signature*

Guilford  
Project No 54-6021  
Contract No 609-W&S

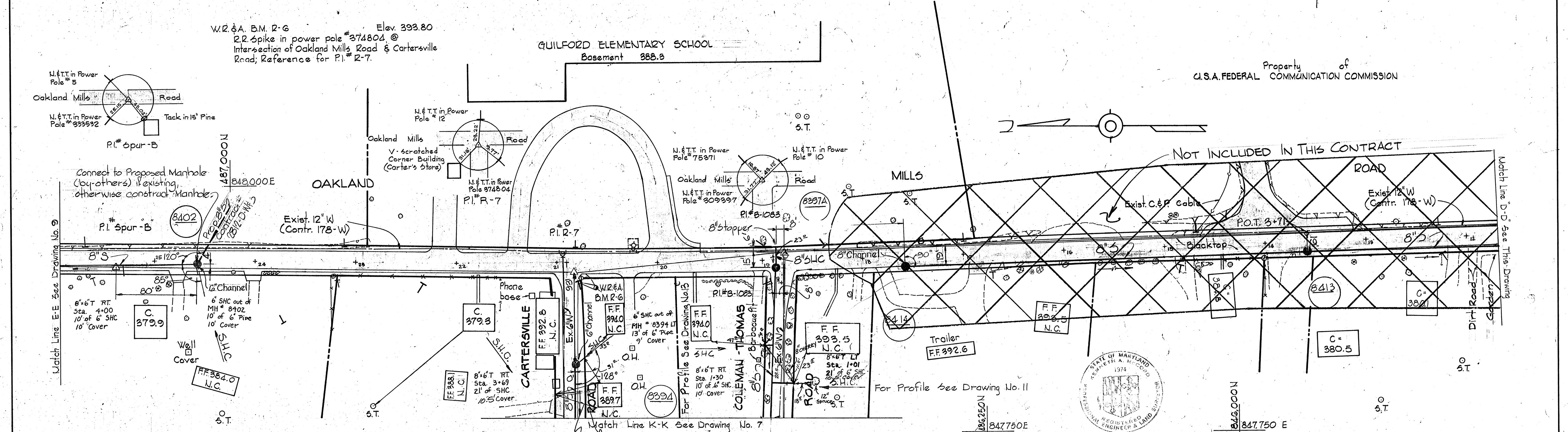
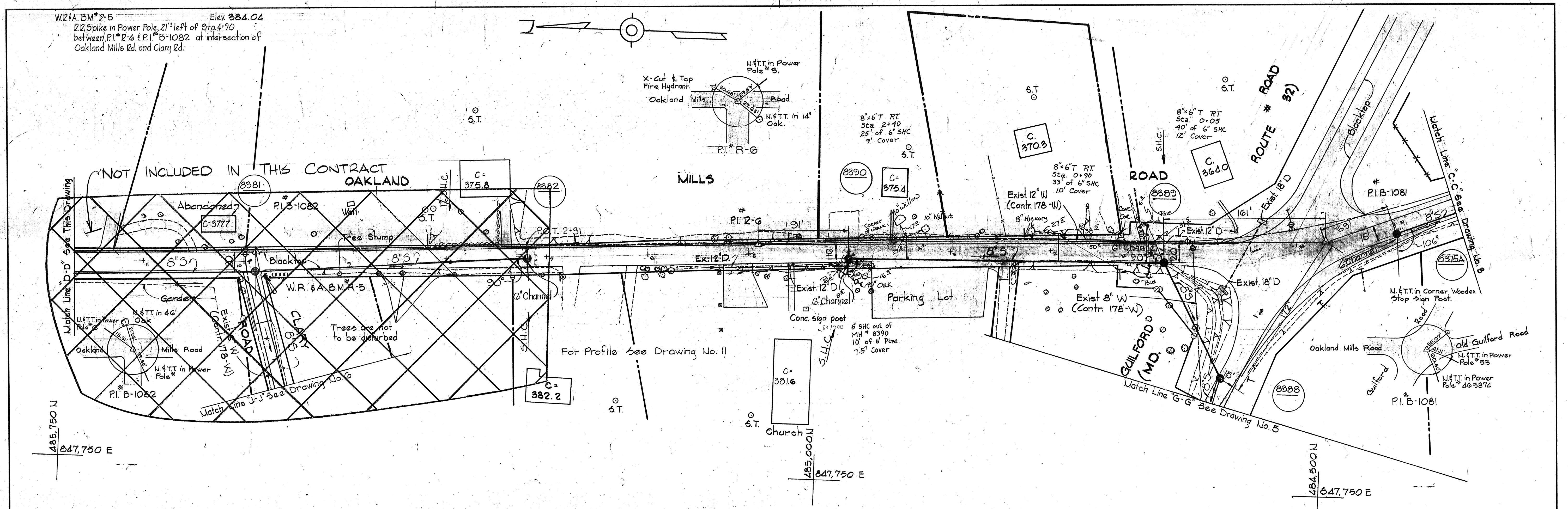
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 4-22-77 DIRECTOR OF PUBLIC WORKS	CONTRACT NO. 609-W&S PROJECT NO. S-4-6021	PLAN OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 3 OF 13 SCALE 1"=50' 483-488 484-485
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W. O. 6800-2

AS BUILT  
 MAY 11, 1977  
 Nov. 12, 1979

BRUNING 44-510 18322



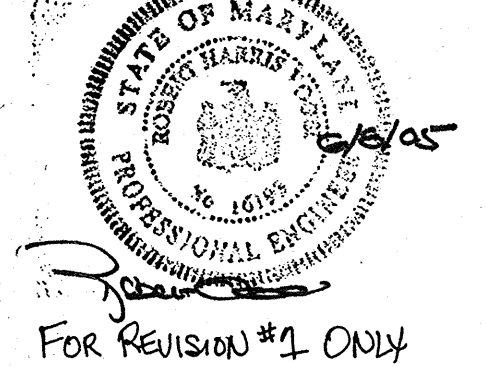


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND P. Requardt 4-21-77 W. O. Falbert 4-21-77 DIRECTOR OF PUBLIC WORKS - DATE CHIEF-BUREAU OF ENGINEERING - DATE	CONTRACT NO. 609-W&S PROJECT NO. S-4-6021	PLAN OF SEWER MANS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 4 OF 13 SCALE 1"=50' 484-485 485-486 486-488 487-489
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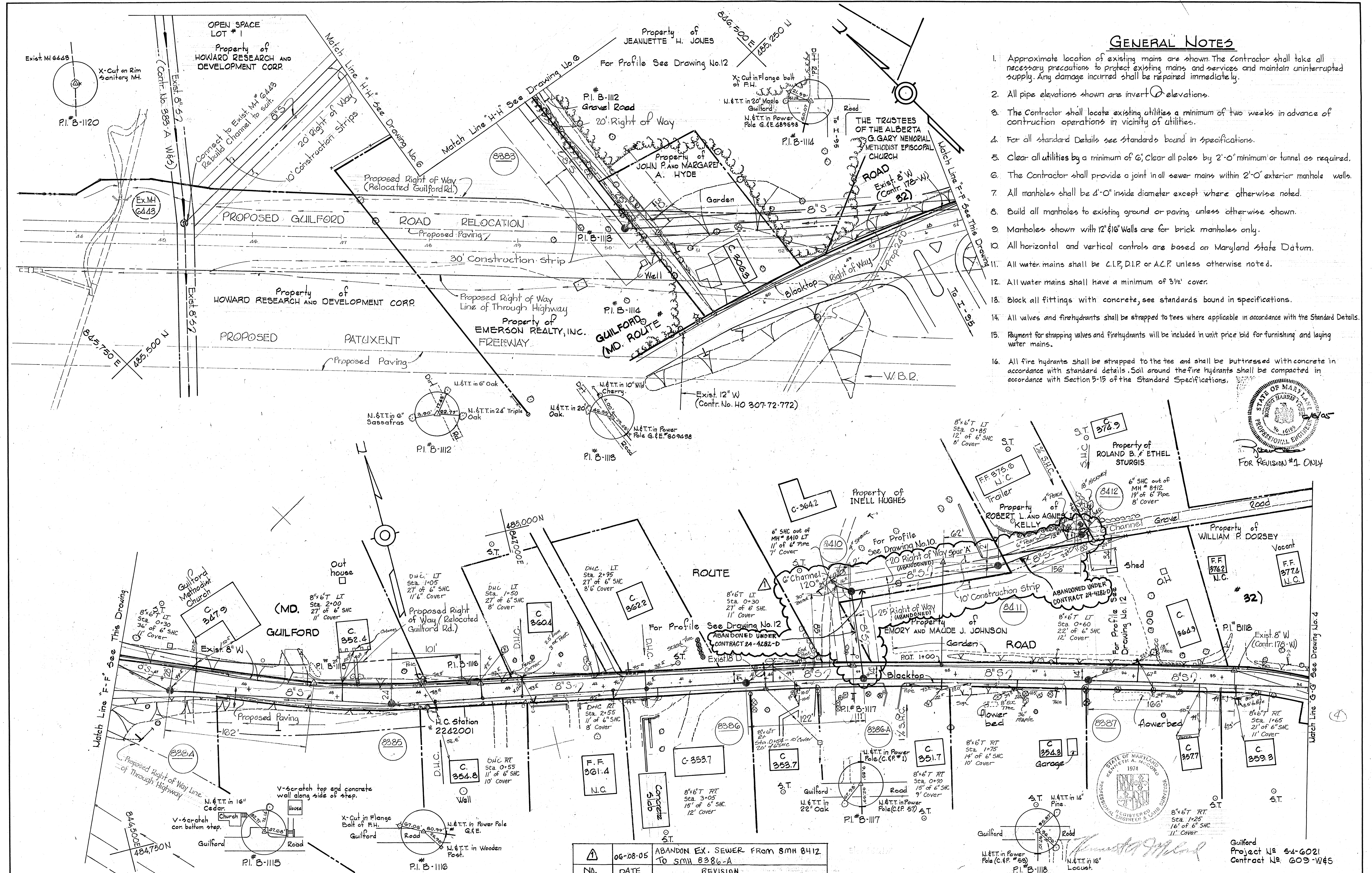


**GENERAL NOTES**

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. For all standard Details see standards bound in specifications.
5. Clear all utilities by a minimum of 6'; Clear all poles by 2'-0" minimum or tunnel as required.
6. The Contractor shall provide a joint in all sewer mains within 2'-0" exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter except where otherwise noted.
8. Build all manholes to existing ground or paving unless otherwise shown.
9. Manholes shown with 12" @ 10' Walls are for brick manholes only.
10. All horizontal and vertical controls are based on Maryland State Datum.
11. All water mains shall be C.I.P., D.I.P. or A.C.P. unless otherwise noted.
12. All water mains shall have a minimum of 3 1/2' cover.
13. Block all fittings with concrete, see standards bound in specifications.
14. All valves and firehydrants shall be strapped to tees where applicable in accordance with the Standard Details.
15. Payment for strapping valves and firehydrants will be included in unit price bid for furnishing and laying water mains.
16. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details. Soil around the fire hydrants shall be compacted in accordance with Section 5-15 of the Standard Specifications.



For Revision #1 Only

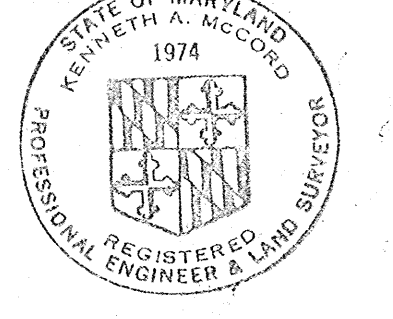
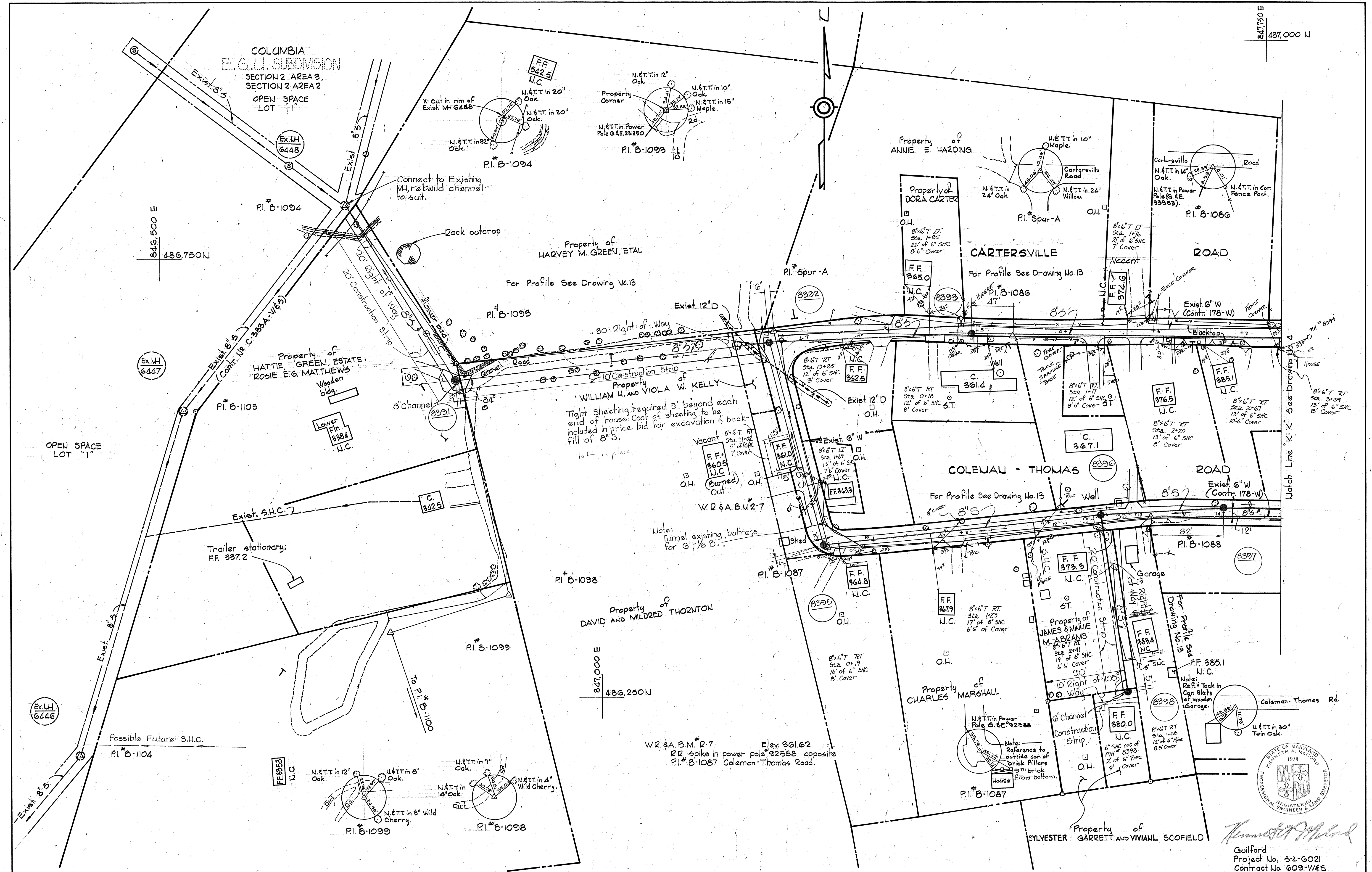








847,150 E  
487,000 N



*Kenneth A. McGord*  
 Guilford  
 Project No. 5-4-G021  
 Contract No. 609-W#5

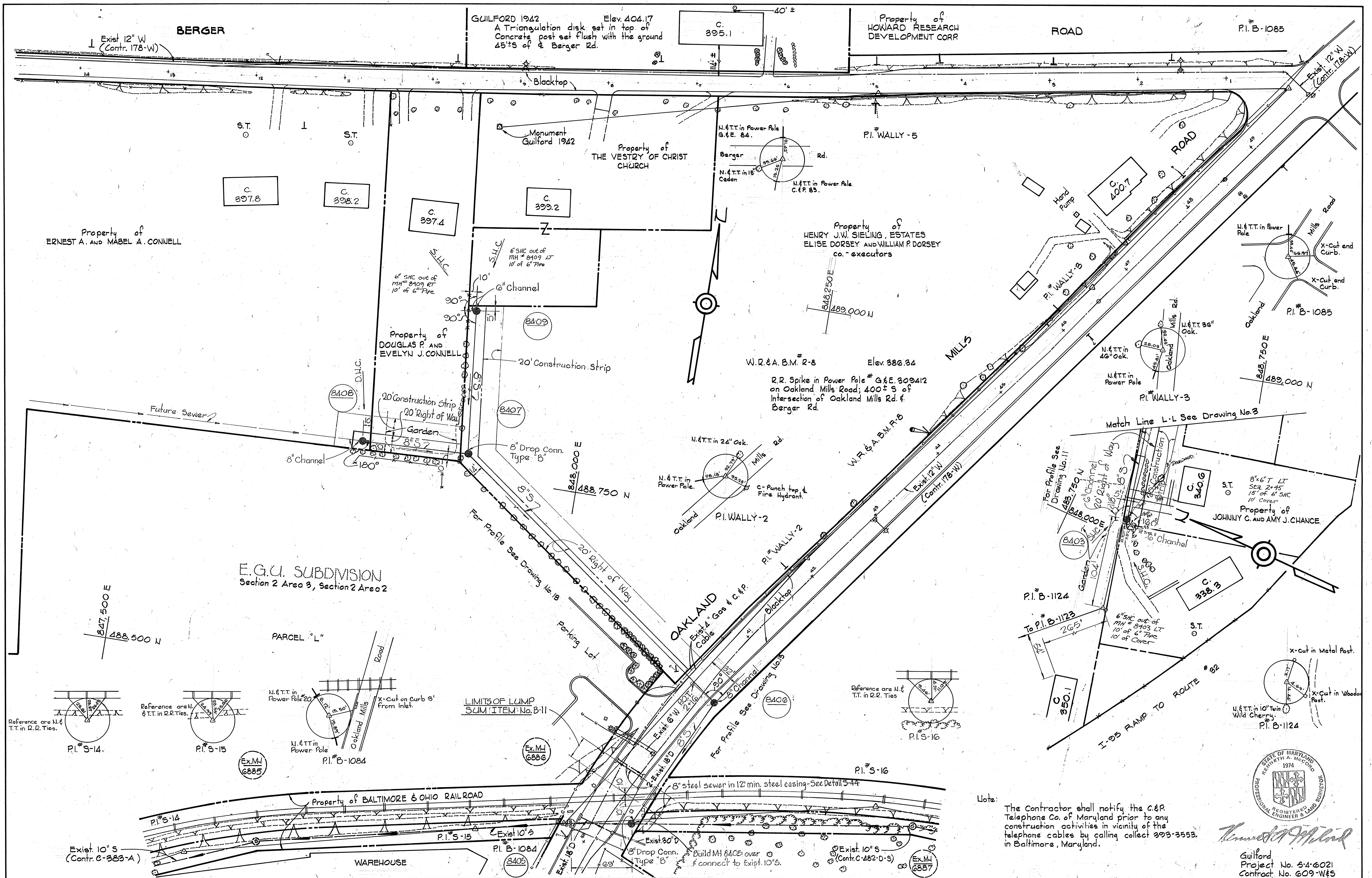
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>M. J. Reardon</i> 4-22-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 609-W#5 PROJECT NO. 5-4-6021	PLAN OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 7 OF 13 SCALE 1"=50' FR# 3888, 5501 AS BUILT
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W. O. 6800-2

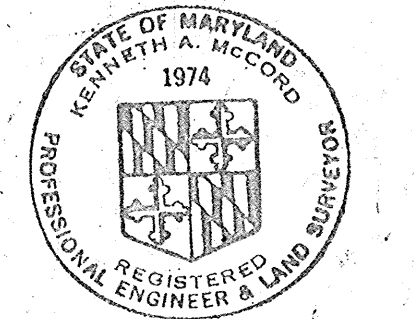
MAY 11, 1977  
Nov. 12, 1979

BRUNING 44-510 16392





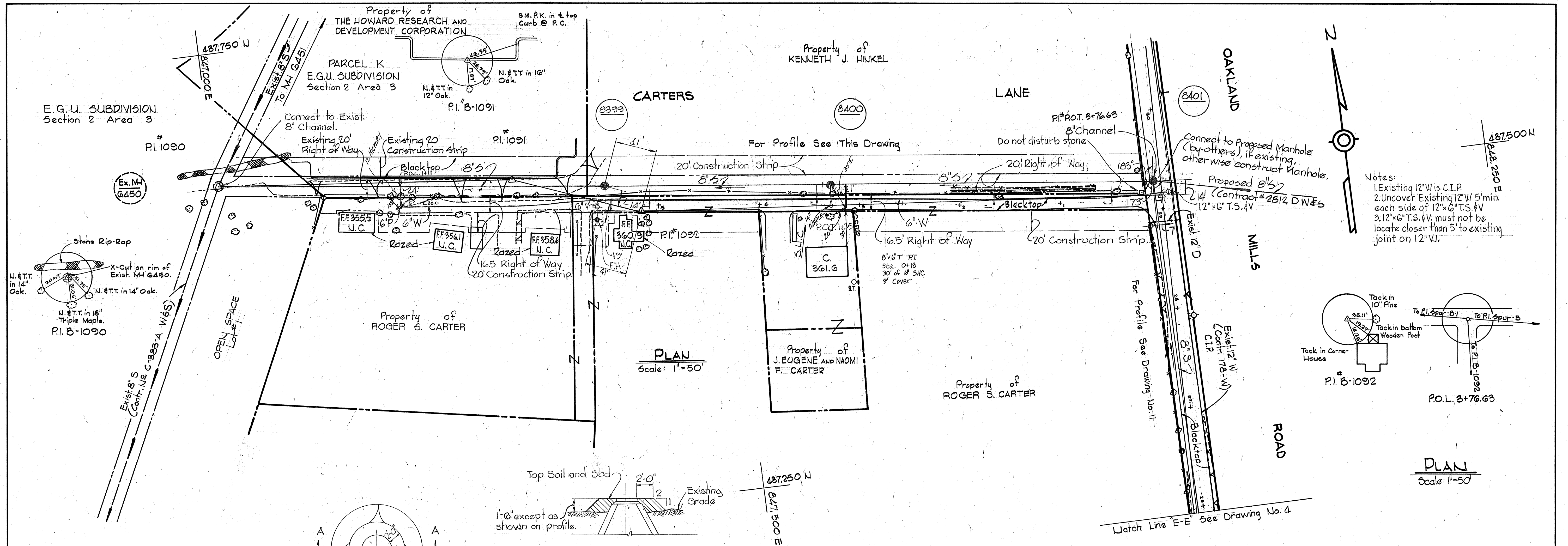
Note: The Contractor shall notify the C&P Telephone Co. of Maryland prior to any construction activities in vicinity of the telephone cables by calling collect 393-3553, in Baltimore, Maryland.



*Kenneth A. McCord*  
 Guilford  
 Project No. 3-4-6021  
 Contract No. 609-W45

<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND Director of Public Works — DATE <i>M. J. ...</i> 4-21-77	<b>CONTRACT NO. 609-W8S</b> <b>PROJECT NO. S-4-6021</b>	<b>PLAN OF SEWER MAINS</b>	<b>ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 8 OF 13</b> <b>SCALE 1" = 50'</b>
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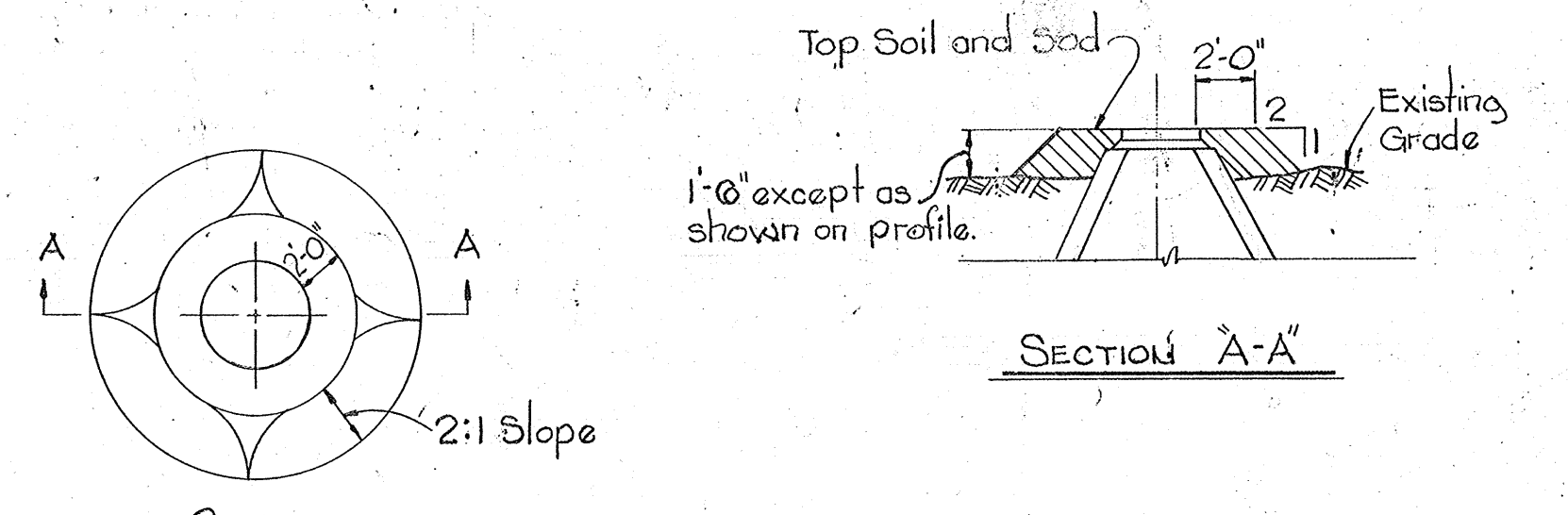




Notes:  
 1. Existing 12" W is C.I.P.  
 2. Uncover Existing 12" W 5' min. each side of 12" x 6" T.S. & V.  
 3. 12" x 6" T.S. & V. must not be locate closer than 5' to existing joint on 12" W.

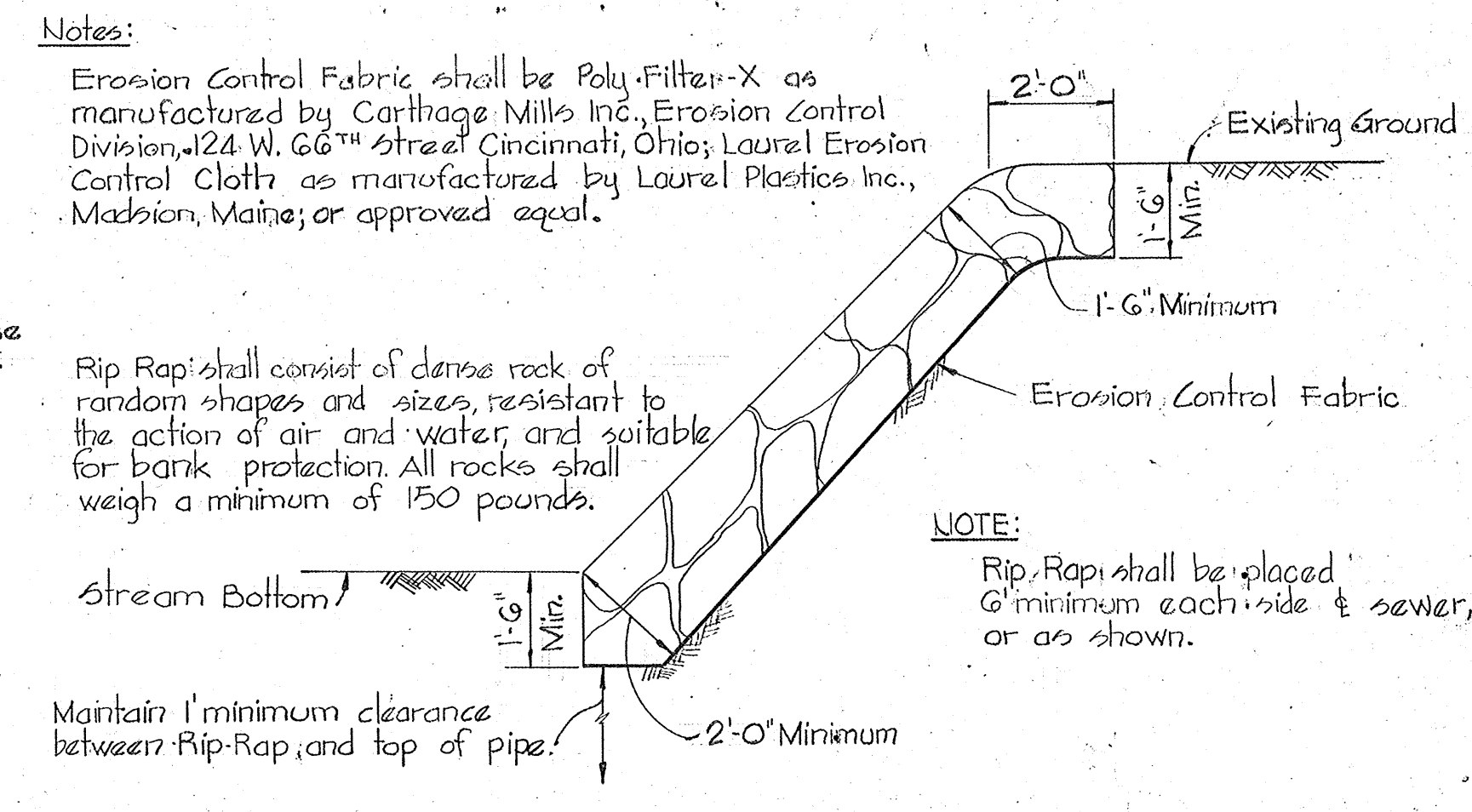
PLAN  
Scale: 1"=50'

PLAN  
Scale: 1"=50'

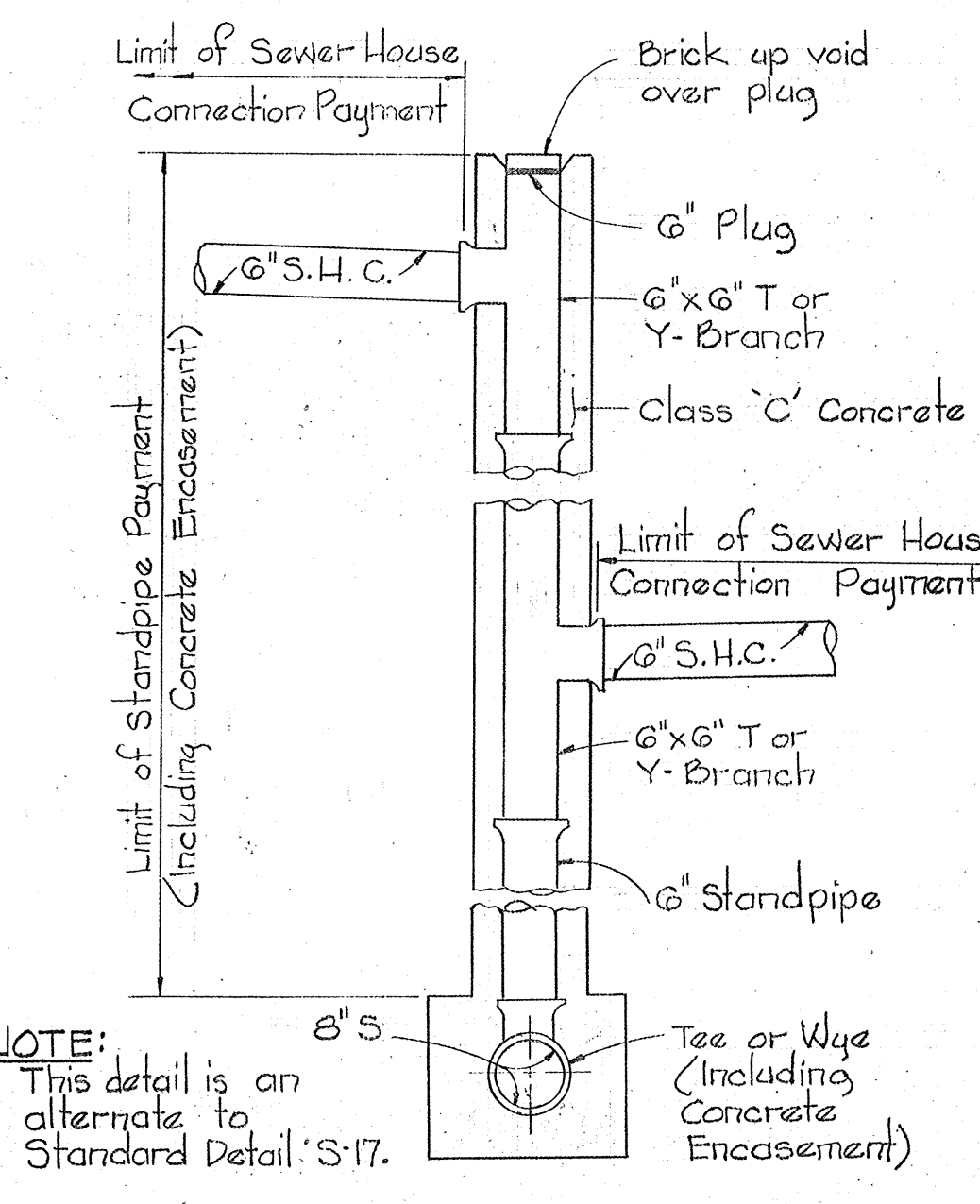


SECTION A-A

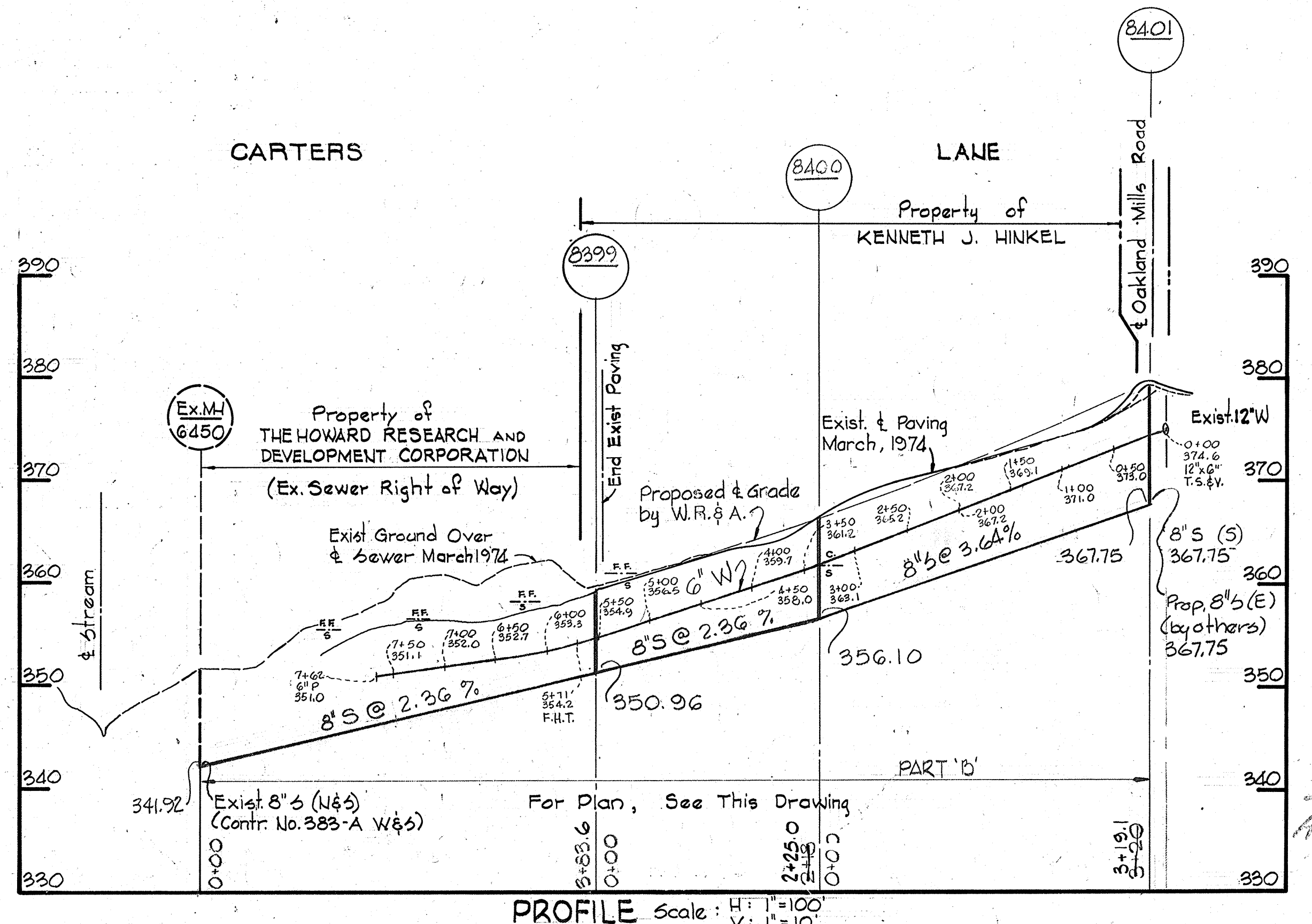
FILL AT MANHOLES  
Scale: 1/8"=1'-0"



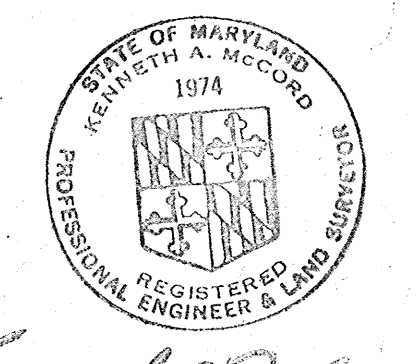
RIP-RAP DETAIL  
Scale: 1/8"=1'-0"



DETAIL OF DOUBLE DROP HOUSE CONNECTION  
Scale: 1/2"=1'-0"



PROFILE  
Scale: H: 1"=100' V: 1"=10'



Guilford  
 Project No. 5-4-6021  
 Contract No. 609-W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DIRECTOR OF PUBLIC WORKS — DATE CHIEF BUREAU OF ENGINEERING — DATE	CONTRACT NO. 609-W&S PROJECT NO. S-4-6021 W-6-8084	PLAN, PROFILE & DETAILS OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 9 OF 13 SCALE AS SHOWN
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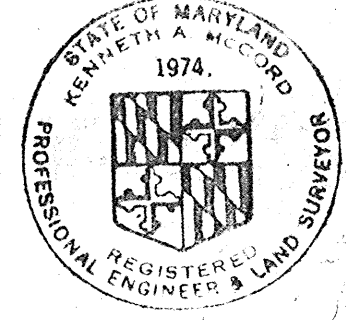
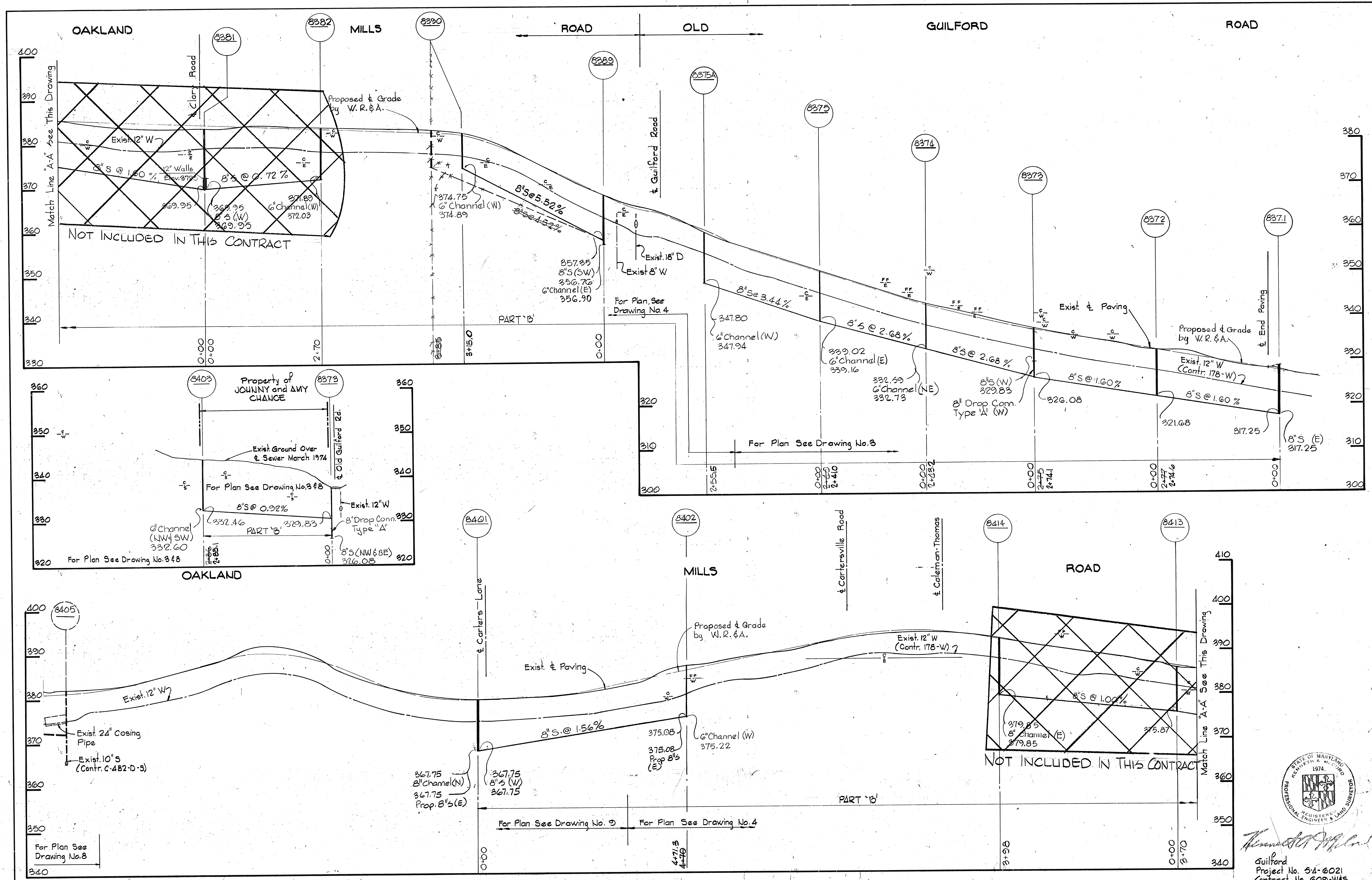
W.O. 6800-2

AS BUILT  
 Nov. 12, 1979









*Kenneth A. McLeod*  
 Guilford  
 Project No. 54-6021  
 Contract No. 609-W45

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>W.O. Gilbert</i> 4-21-77 CHIEF-BUREAU OF ENGINEERING - DATE	CONTRACT NO. <u>609-W45</u> PROJECT NO. <u>S-4-6021</u>	PROFILE OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. <u>11</u> OF <u>13</u> SCALE H-1"=100' V-1"=10'
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WS 609-W45/11

DRAWING 64510 18332

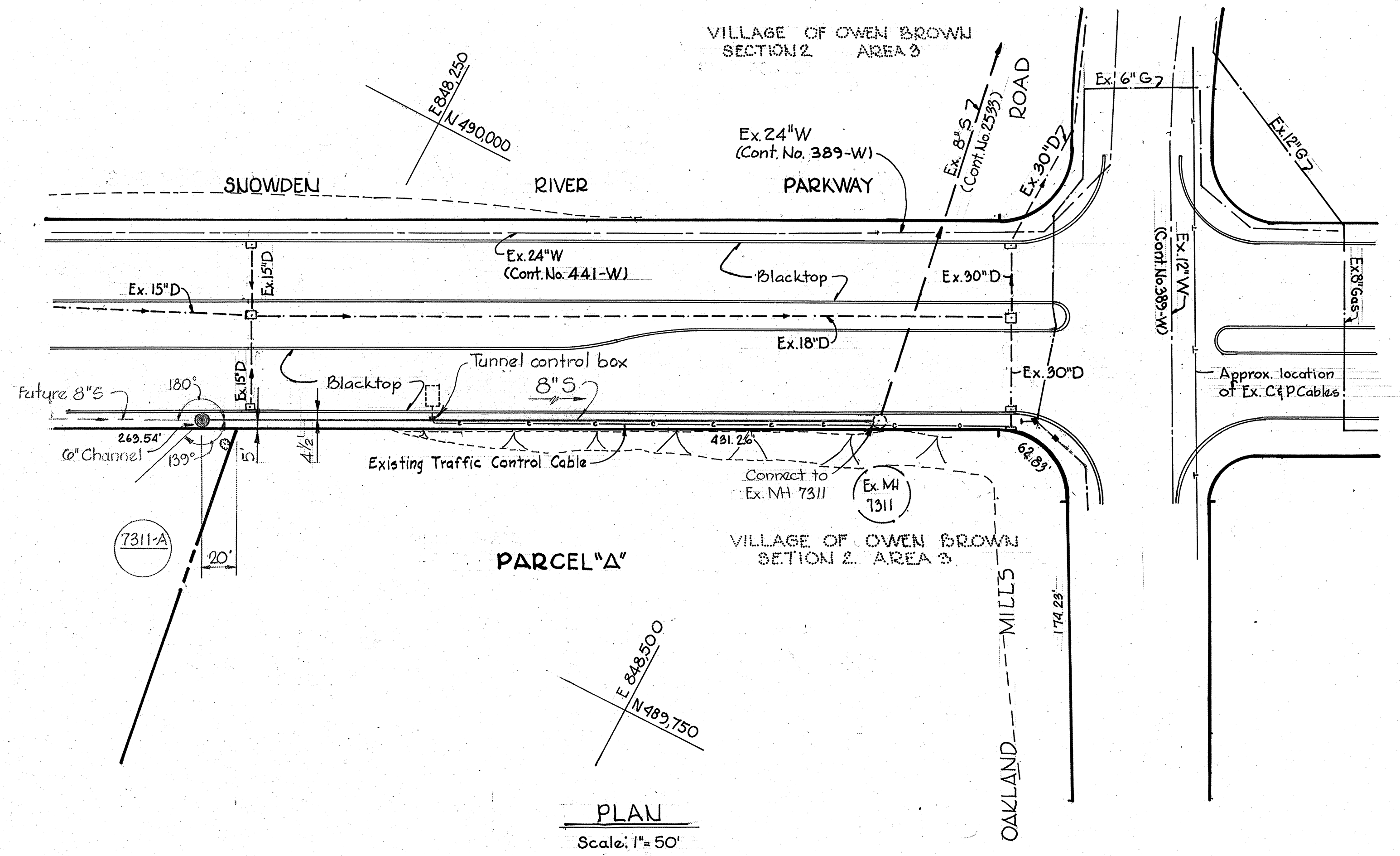
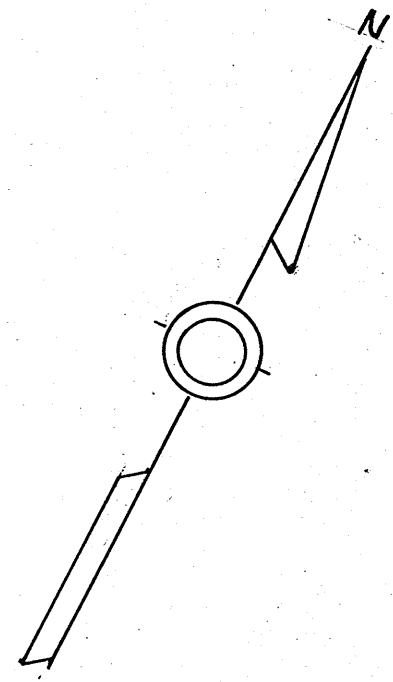




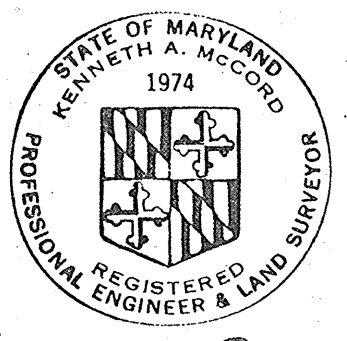
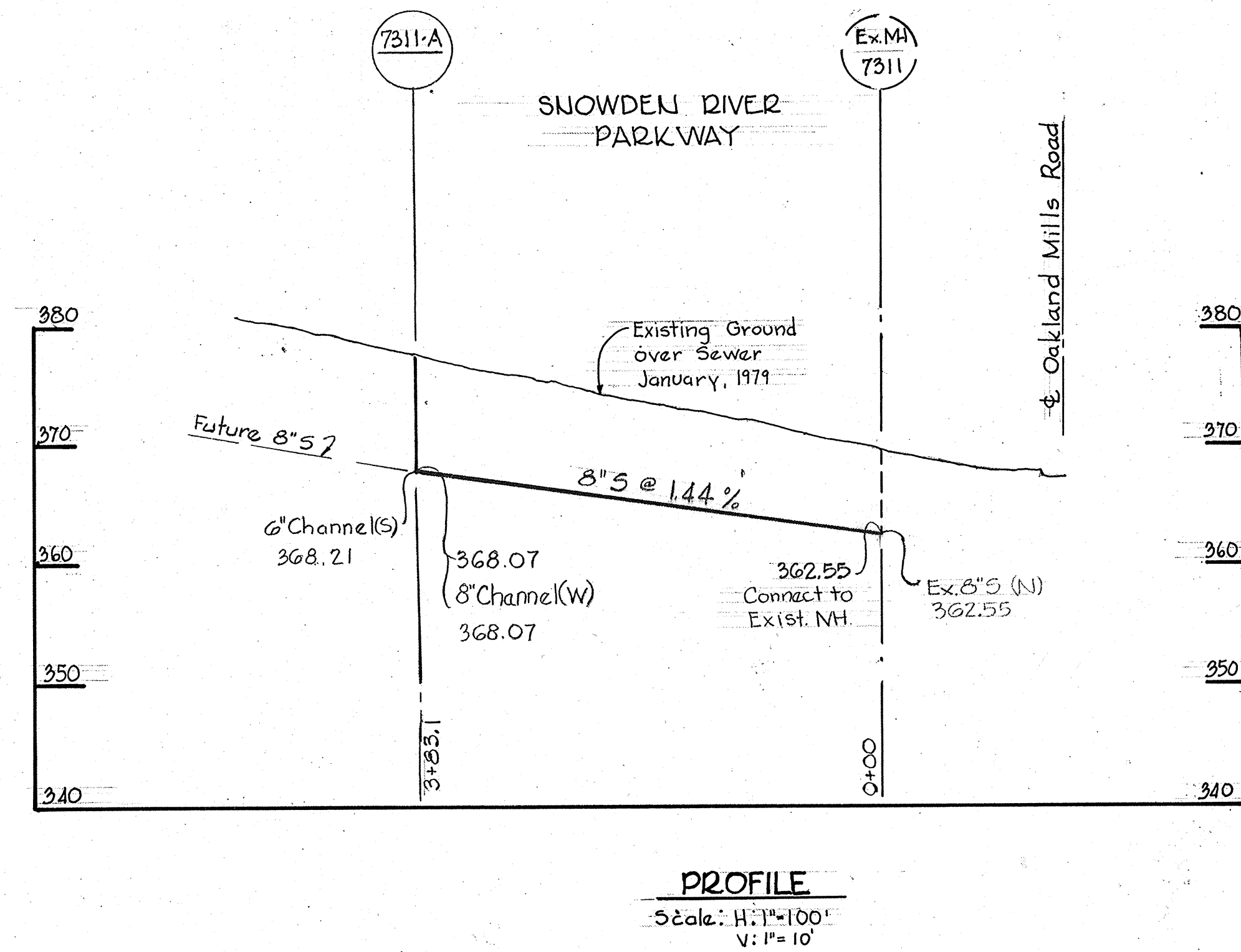








OPEN SPACE  
LOT - 336



*Kenneth A. McCord*

Guilford  
Project No. S-4-6021  
Contract No. 609-W&S

**DRAWING NO. 13A OF 13A**      **SCALE AS SHOWN**

FEBRUARY 14, 1979      Nov. 12, 1979

AS BUILT

**WHITMAN, REQUARDT & ASSOCIATES**  
ENGINEERS  
1304 ST. PAUL ST.  
BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
*George F. Nemmer* 3-7-79      *W.O. Palbert* 2-27-79  
DIRECTOR OF PUBLIC WORKS - DATE      CHIEF BUREAU OF ENGINEERING - DATE

CONTRACT NO. 609-S

PLAN AND PROFILE  
OF SEWER MAINS

ELECTION DISTRICT  
GUILFORD NO. 6

W.O. 6800

WS 609-S/13-A