

PROJECT NO. S4-6071

DORSEY RUN

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

Note:  
Drawing Nos. 8, 9 and 11 are not included in this contract.

ITEM	QUANTITIES	
	Design	As-Built
21" sewer	510 LF	508.7 LF
18" sewer	170 LF	173.3 LF
8" sewer	12,900 LF	12,933.5 LF

Dary - F.B.# 6185, 6223  
Stakeout - F.B.# 6186



*Kenneth A. McCord*

Dorsey Run  
Project No. S4-6071  
Contr. No. 676-5

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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*R. J. Reardon* 3-11-77  
DIRECTOR OF PUBLIC WORKS - DATE

*W. O. Libbert* 3-10-77  
CHIEF BUREAU OF ENGINEERING - DATE

CONTRACT NO. 676-S  
PROJECT NO. S4-6071

LOCATION MAP

ELECTION DISTRICT  
GUILFORD NO. 6

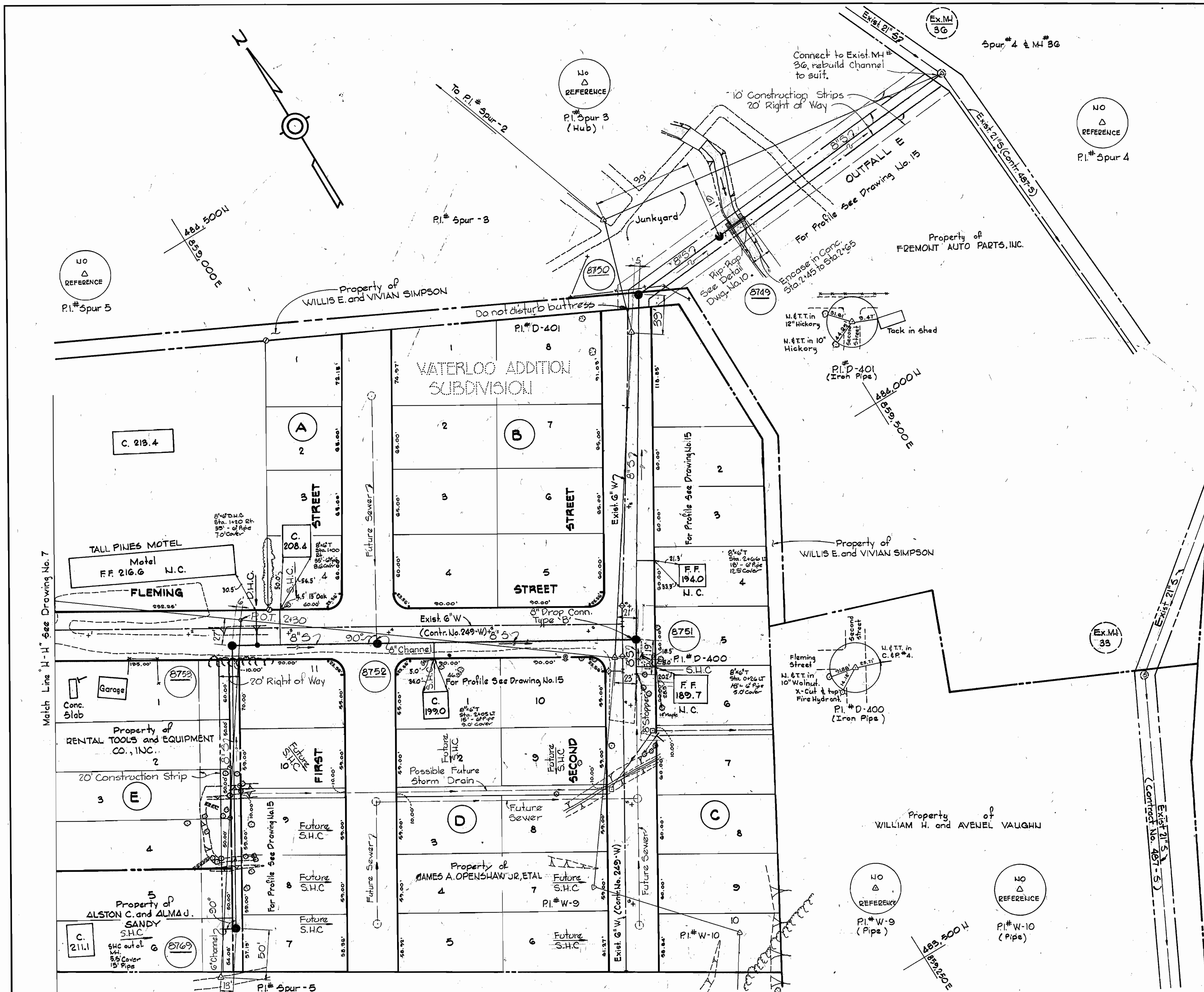
DRAWING NO. 1 OF 15  
SCALE 1"=200'

WS 676 S/1

BRUNING 44510 16392

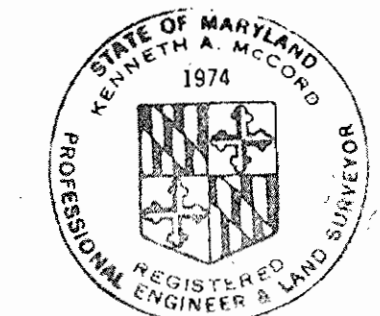
WS 676 S/2

BRUNING 44-510 1839Z



### GENERAL NOTES

1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect the 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 two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details, see standards bound in specifications.
5. Sewer pipe shall be V.C.P.X., C.S.P.X. or Asbestos Cement Class 2400 unless otherwise noted.
6. Build all manholes to existing ground or paving unless otherwise noted.
7. Clear all poles by 2.0' minimum or tunnel as required, clear all existing utilities by 3' minimum.
8. The Contractor shall provide a joint in all sewer mains within 2.0' of exterior manhole walls.
9. Horizontal and Vertical Controls are base upon Maryland State Datum.
10. Manholes designed W.T. in profiles shall have watertight frame and covers.
11. Manholes shown with 12" Walls are for brick manholes only.
12. Sewer House Connections shall be constructed where, when and if directed by the Engineer in the field. Existing Sewer House Connections shall be connected to the proposed 8" Sewer. The contractor shall maintain existing sewer service at all times.
13. Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.
14. Contractor shall notify the following utilities or agencies at least (5) days before starting work shown on these plans.
  - Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 559-0100.
  - Chesapeake and Potomac Telephone Co. - 725-9970.
  - American Telephone and Telegraph - Cable Location Division - 301-393-3553.
  - Baltimore Gas and Electric Company - Underground Electric Distribution Engineering - Damage Control - 254-5601.
  - State Highway Administration - 531-5533.
15. Payment of rebuilding existing channels will be included in the unit price bid for excavation and backfill of sewer mains.
16. All manholes shall be 4'-0" inside diameter except where otherwise noted.



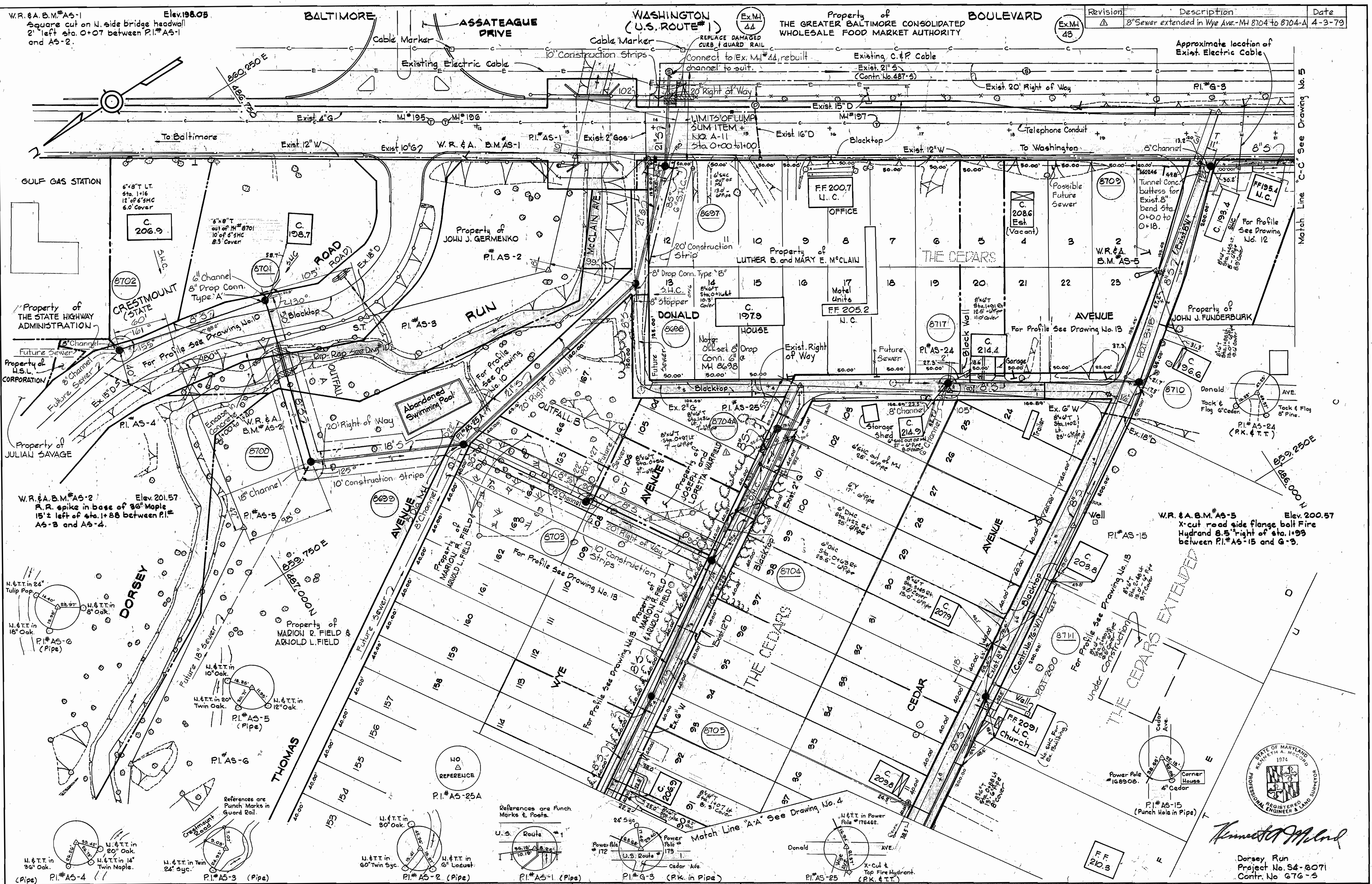
*Kenneth M. Meland*  
 REGISTERED PROFESSIONAL ENGINEER - LAND

Dorsey Run  
 Project No. SA-6071  
 Contr. No. 676-S

<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND <i>W. O. Felbert</i> 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE      CHIEF BUREAU OF ENGINEERING - DATE	<b>CONTRACT NO. 676-S</b> <b>PROJECT NO. SA-6071</b>	<b>PLAN OF SEWER MAINS</b>	<b>ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 2 OF 15</b> <b>SCALE 1" = 50'</b>
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W. O. 6840-2

February 23, 1980  
 APRIL 4, 1978  
**AS BUILT**



W.R. & A. B.M. #AS-1 Elev. 198.09  
 Square cut on N. side bridge headwall  
 2' left of sta. 0+07 between P.I. #AS-1  
 and AS-2.

W.R. & A. B.M. #AS-2 Elev. 201.57  
 R.R. spike in base of 30" Maple  
 15'± left of sta. 1+88 between P.I. #  
 AS-3 and AS-4.

References are  
 Punch Marks in  
 Guard Rail

**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. 676-S**  
**PROJECT NO. S4-6071**

**PLAN OF SEWER MAINS**

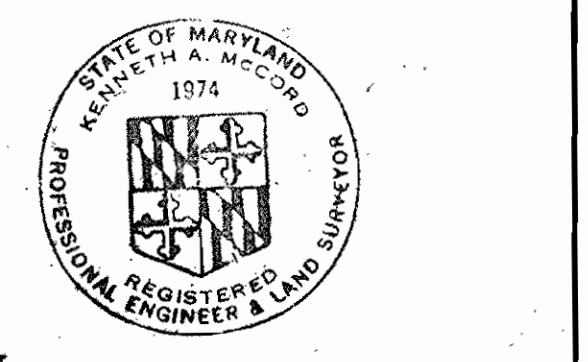
**ELECTION DISTRICT GUILFORD, NO. 6**

**DRAWING NO. 3 OF 15**  
**SCALE 1" = 50'**

W. O. 6840-2

February 29, 1970 F.B. 5536, 5559, 3139  
 'AS-BUILT' APRIL 4, 1970

Revision	Description	Date
Δ	B' Sewer extended in Wye Ave. - M.I. 8704 to 8704-A	4-3-79

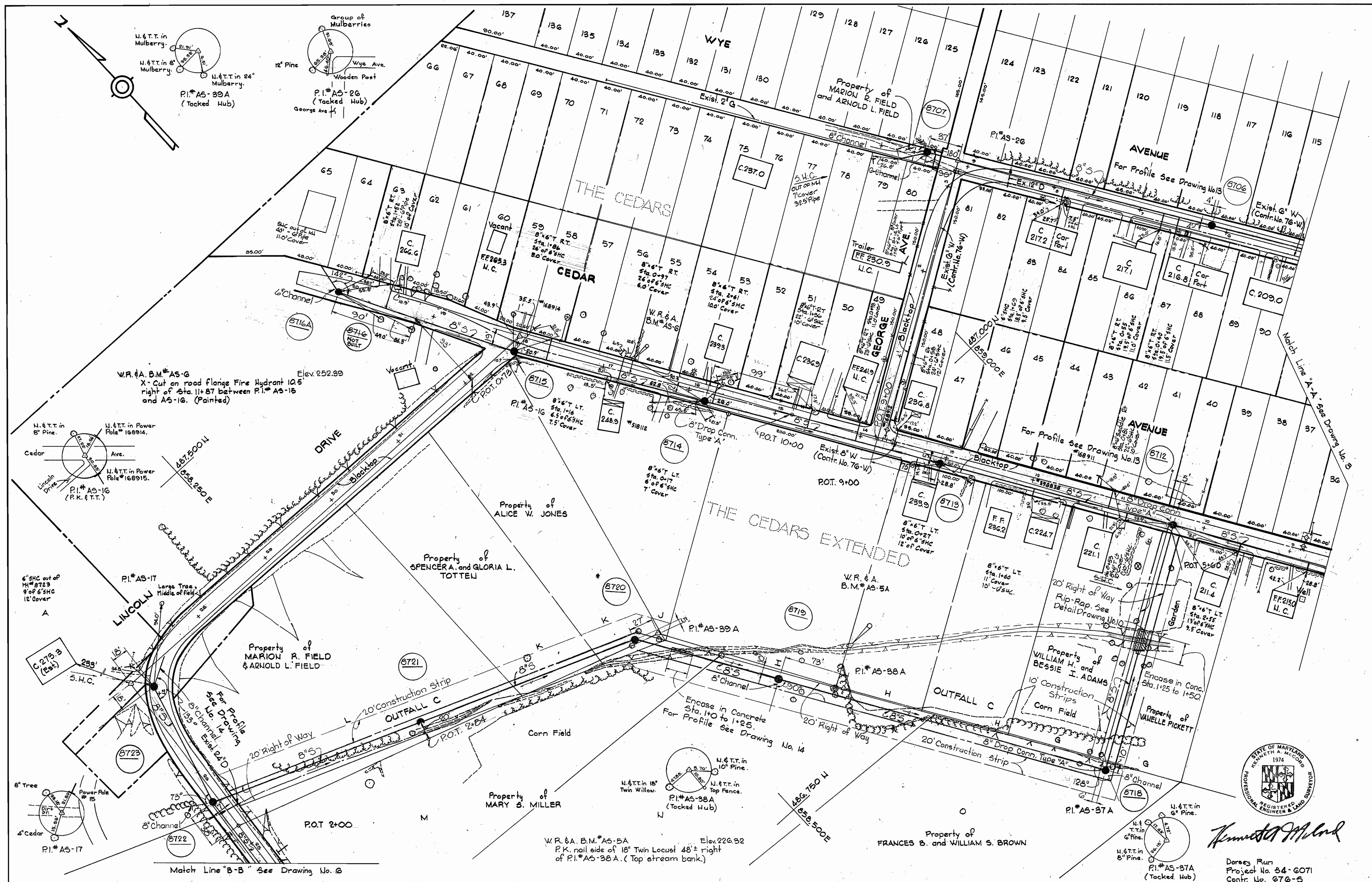


*Kenneth M. Melrod*  
 Dorsey Run  
 Project No. S4-6071  
 Contr. No. G76-S

W.C. 6/16 3/5

BRUNING 44-210 18392

WS 676 S/4

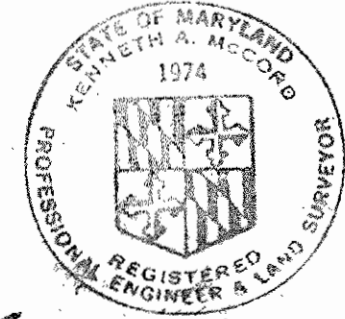
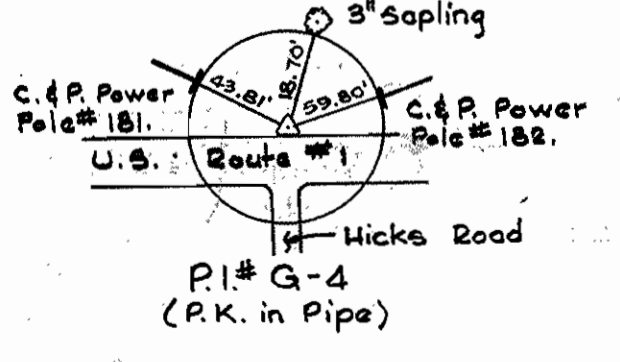
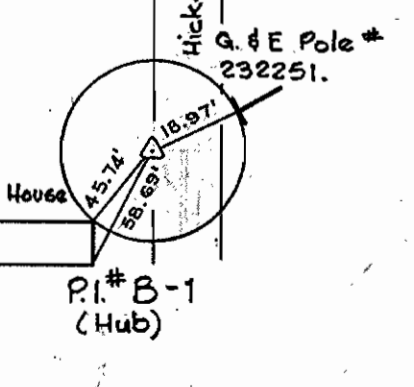
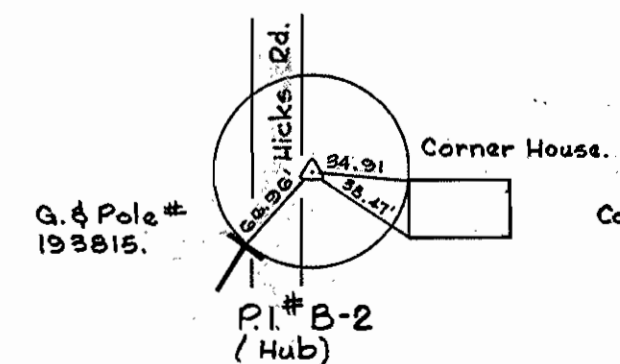
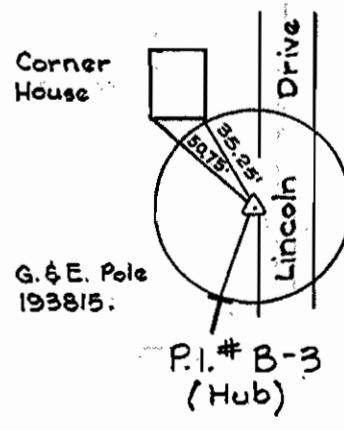
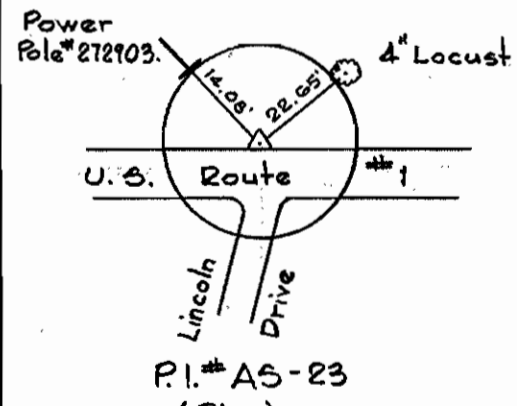
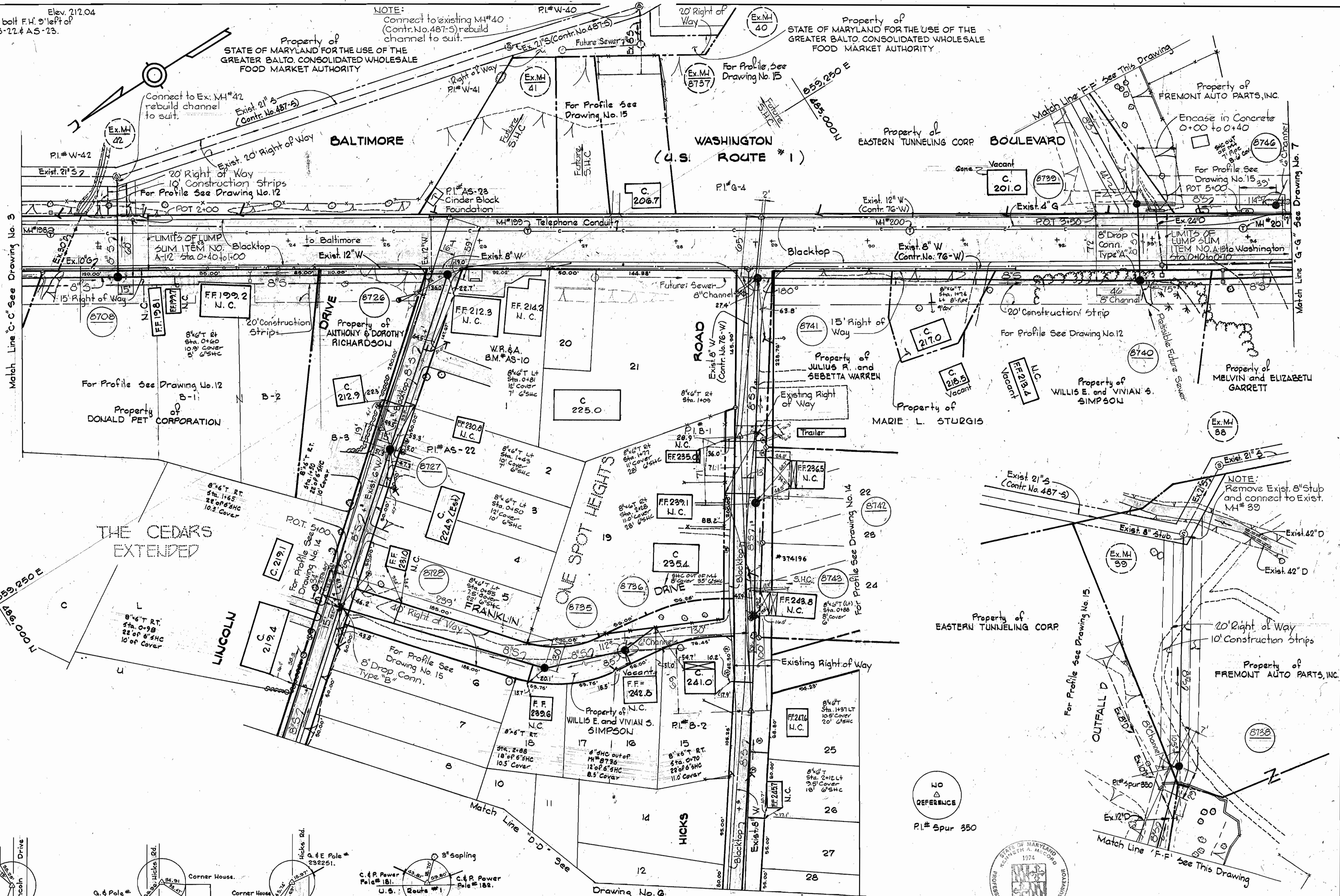


*Kenneth A. McCord*  
 Doreas Run  
 Project No. 84-6071  
 Contr. No. 676-S

<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: <i>M. P. ...</i> 3-11-77 Chief Bureau of Engineering: <i>W. O. ...</i> 3-10-77	<b>CONTRACT NO. 676-S</b> <b>PROJECT NO. S4-6071</b>	<b>PLAN OF SEWER MAINS</b>	<b>ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 4 OF 15</b> <b>SCALE 1" = 50'</b>
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W.R.E.A. B.M.#AS-10 Elev. 212.04  
 X-cut road side flange bolt F.H. 9' left of  
 Sta. 1+49 between P.I.#AS-22 & AS-23.

NOTE:  
 Connect to existing MH#40  
 (Contr. No. 487-5) rebuild  
 channel to suit.



*Kenneth A. McLeod*

Dorsey Run  
 Project No. S4-6071  
 Contr. No. 676-5

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

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 M. R. ... 3-11-77  
 W. O. ... 3-10-77  
 DIRECTOR OF PUBLIC WORKS - DATE  
 CHIEF BUREAU OF ENGINEERING - DATE

CONTRACT NO. 676-S  
 PROJECT NO. S4-6071

PLAN OF  
 SEWER MAINS

ELECTION DISTRICT  
 GUILFORD NO. 6

DRAWING NO. 5 OF 15  
 SCALE 1" = 50'

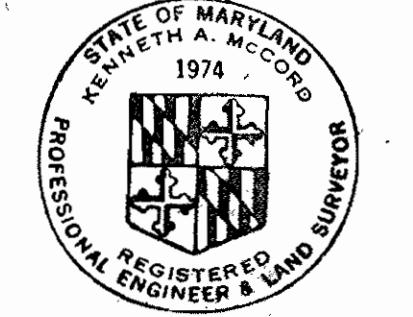
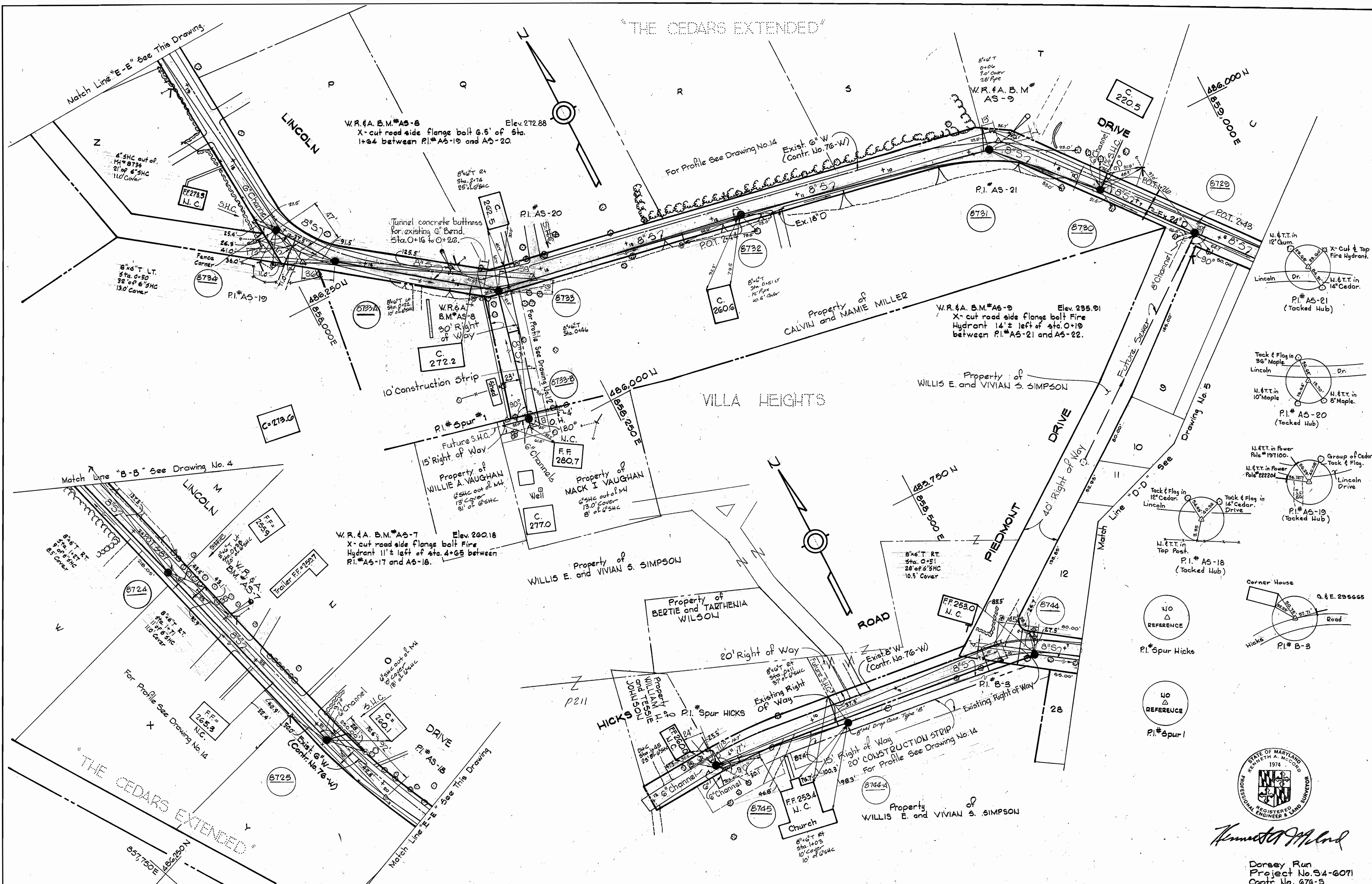
W. O. 6840-2

February 23, 1980  
 'AS-BUILT'  
 F.B. 5559, 3139, 3132, 3121, 3133, 3136  
 APRIL 4, 1978

WS 676 S/5

BRUNING 44310 1839Z

THE CEDARS EXTENDED



*Kenneth A. McLeod*

Dorsey Run  
Project No. 34-6071  
Contr. No. 676-5

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 676-5 PROJECT NO. 34-6071 W.O. Lambert 3-10-77 CHIEF BUREAU OF ENGINEERING - DATE	PLAN OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 6 OF 15 SCALE 1"=50' F.B. 3139, 5559, 3138 APR 4 1978 February 29, 1980
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W. O. 6840-2

'AS-BUILT'

WS 676 S/6

BRUNING 44-51C 10392

WS 676 517

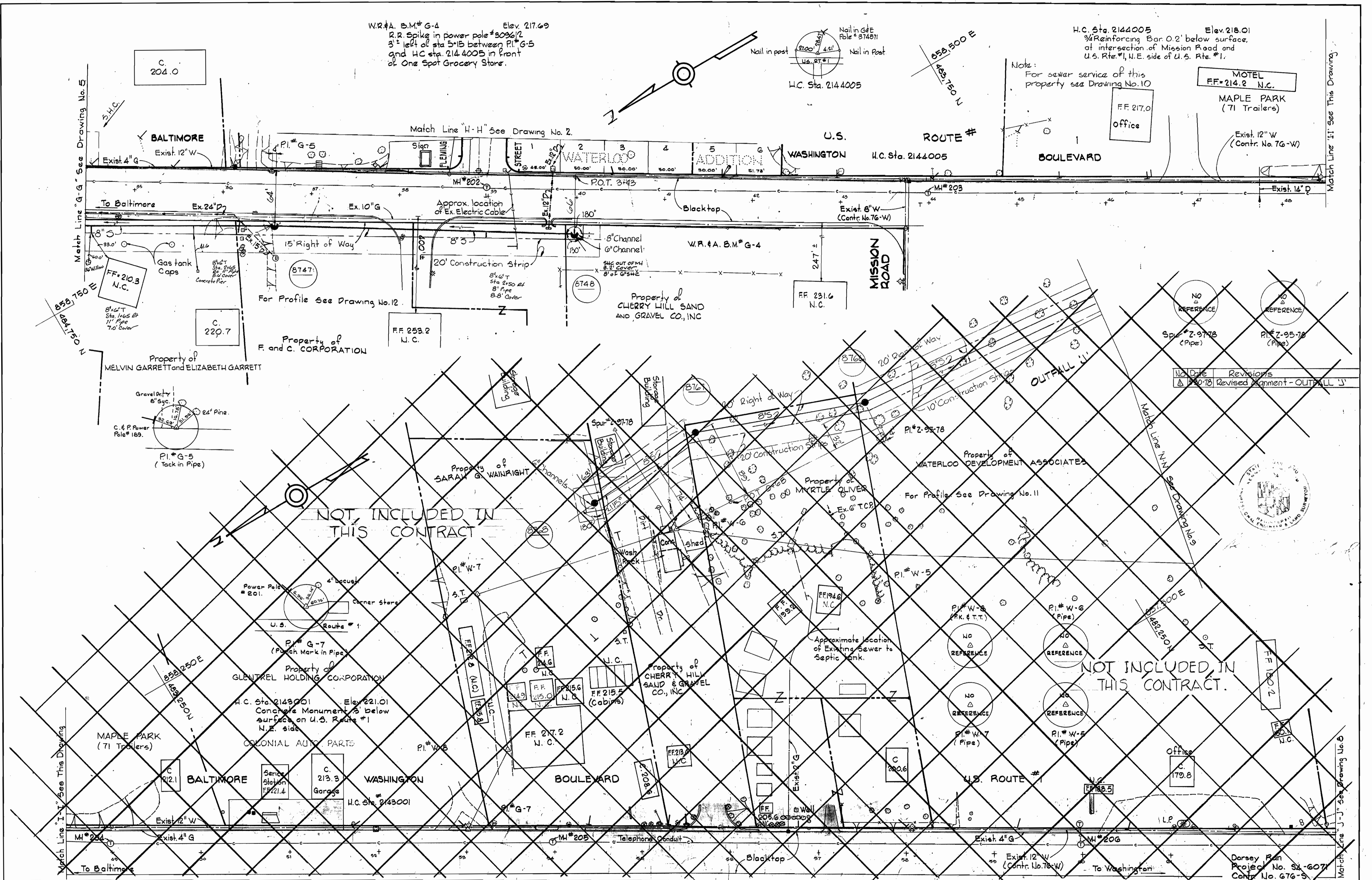
W.R.#A. B.M.# G-4 Elev. 217.69  
R.R. Spike in power pole #3096/2  
3' left of sta 5+15 between P.I.# G-5  
and H.C. Sta. 214 4005 in front  
of One Spot Grocery Store.

Nail in G&E Pole # 374871  
Nail in Post  
H.C. Sta. 2144005

H.C. Sta. 2144005 Elev. 218.01  
3/4 Reinforcing Bar 0.2' below surface,  
at intersection of Mission Road and  
U.S. Rte. #1, N.E. side of U.S. Rte. #1.

Note:  
For better service of this  
property see Drawing No. 10

MOTEL  
FF=214.2 N.C.  
MAPLE PARK  
(71 Trailers)  
Exist. 12" W  
(Contr. No. 7G-W)



NOT INCLUDED IN THIS CONTRACT

NOT INCLUDED IN THIS CONTRACT.

No.	Date	Revisions
1	2-20-78	Revised Alignment - OUTFALL 'J'



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

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
3-11-77  
DIRECTOR OF PUBLIC WORKS - DATE

CONTRACT NO. 676-S  
PROJECT NO. S4- 6071  
W.O.F. Mest 3-10-77  
CHIEF BUREAU OF ENGINEERING - DATE

PLAN OF  
SEWER MAINS

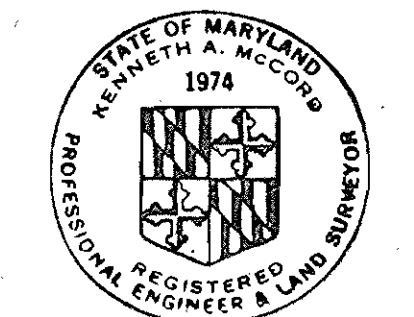
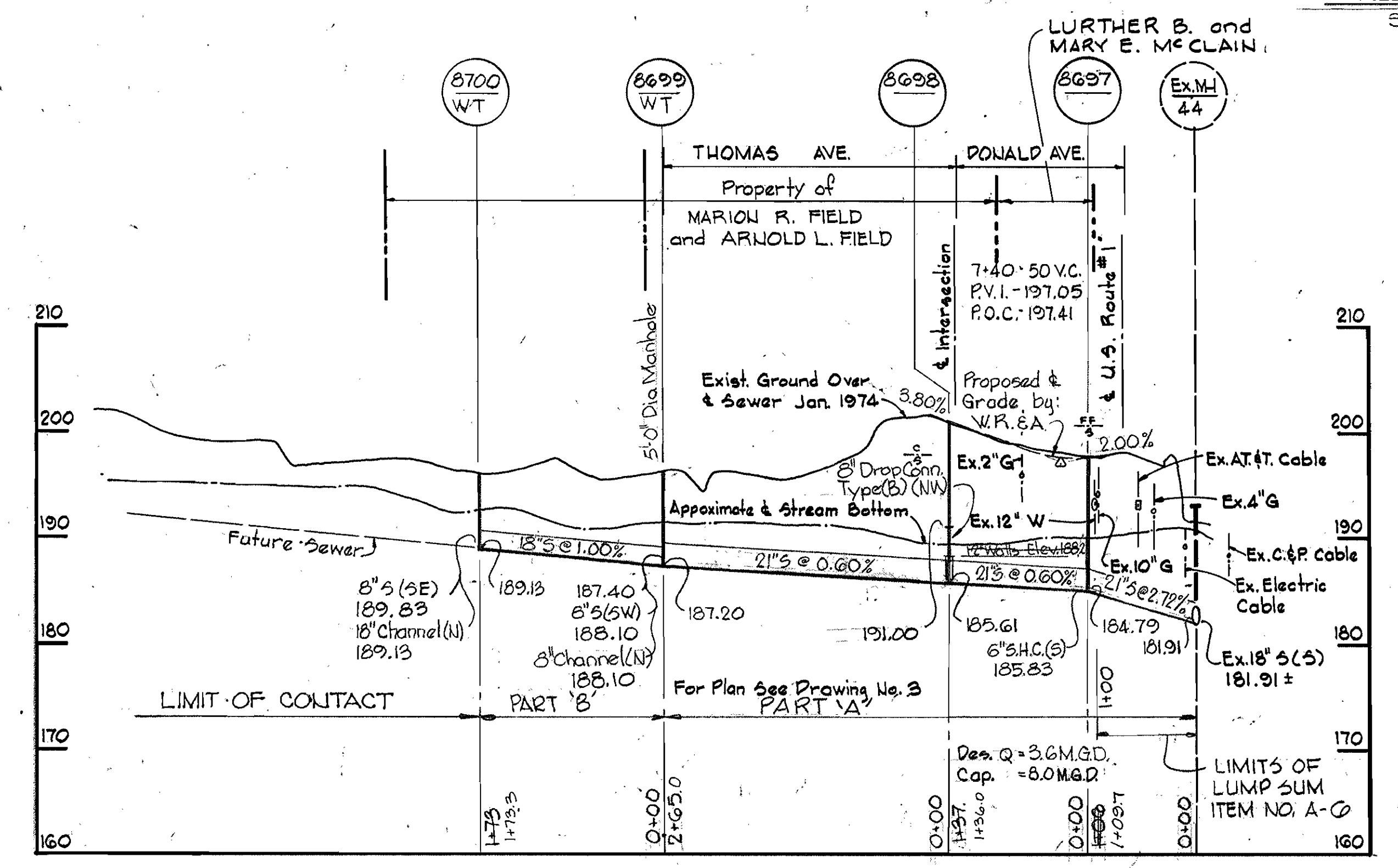
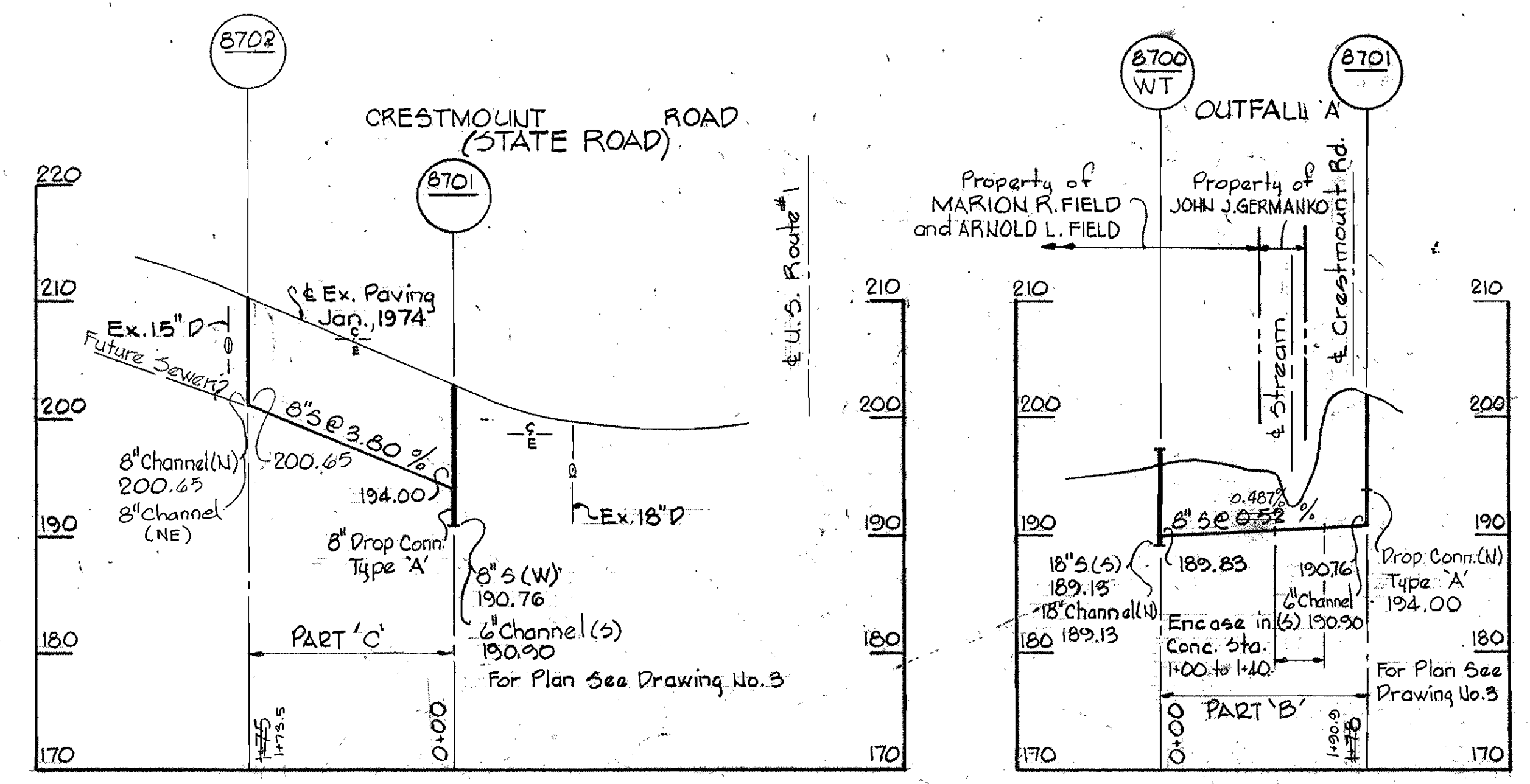
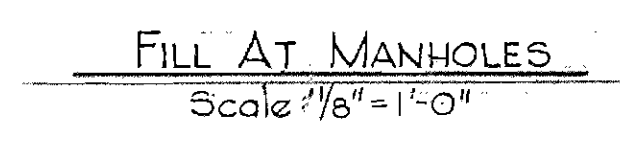
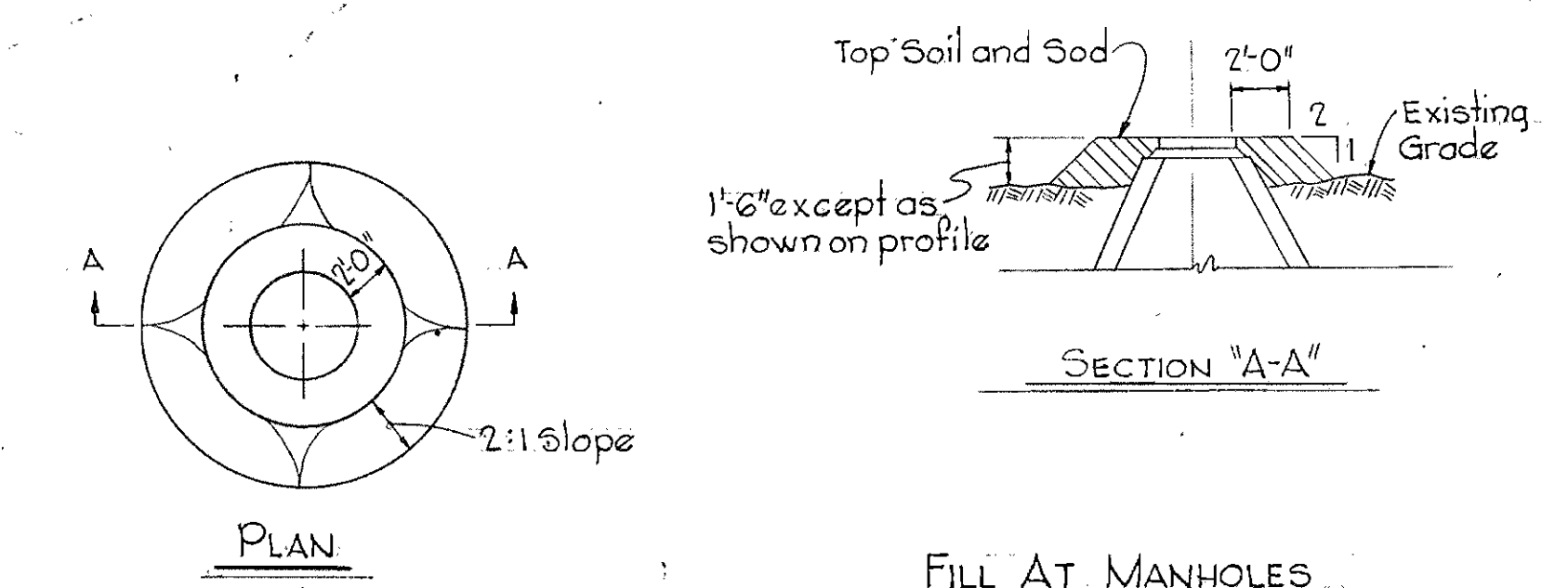
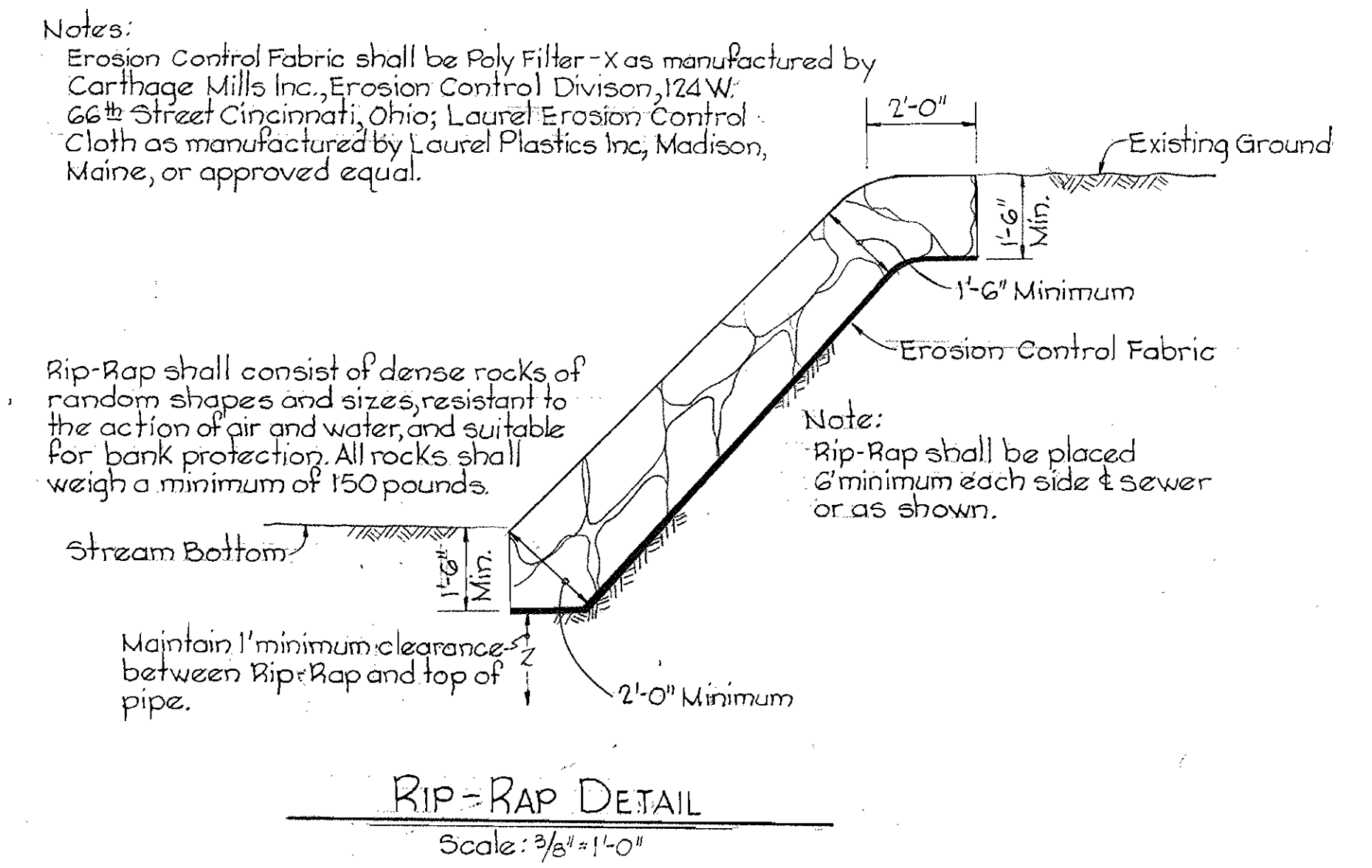
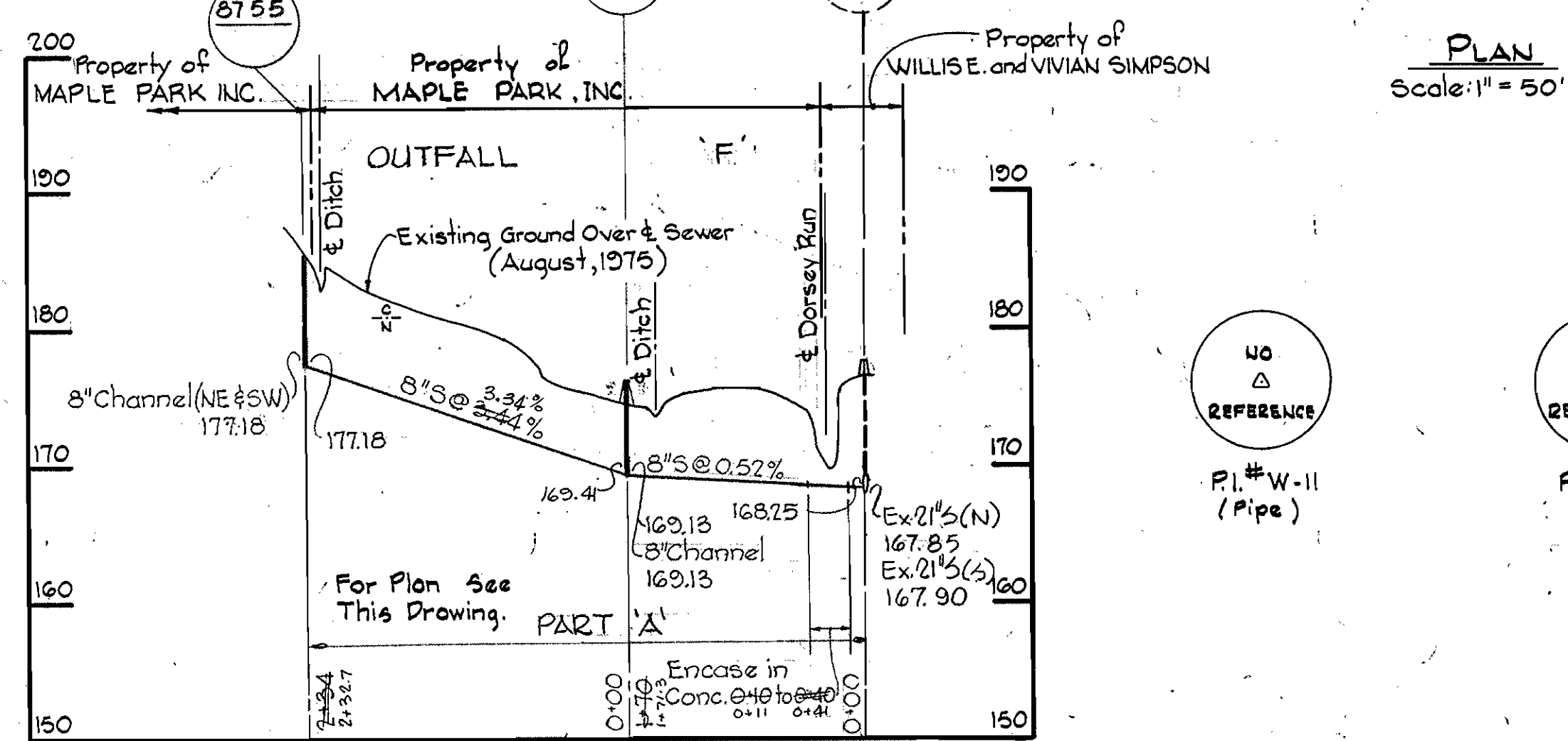
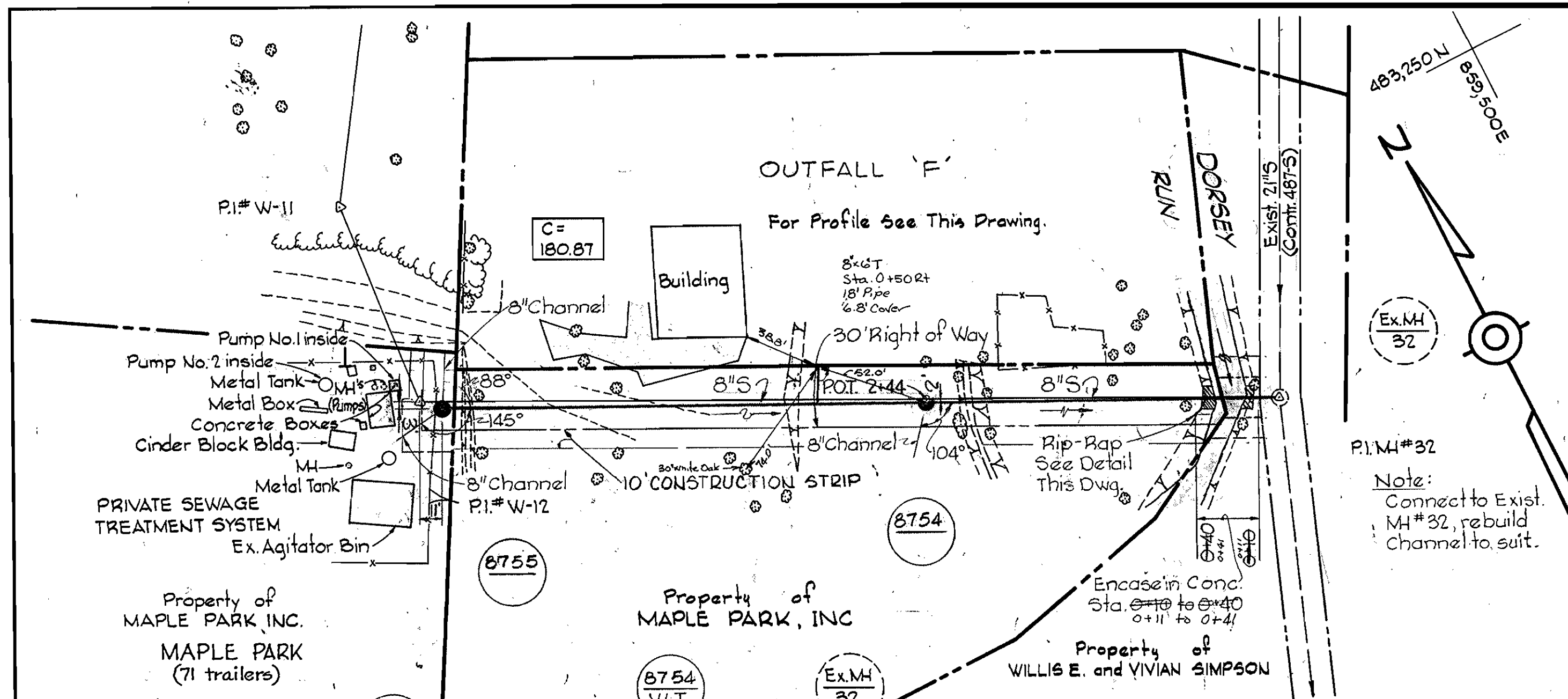
ELECTION DISTRICT  
GUILFORD NO. 6

DRAWING NO. 7 OF 15  
SCALE 1" = 50'

W. O. 6840-2

APRIL 4, 1978

Feb. # 3132, 3136, 3139, 4312, 5789,  
5742 4625 February 29, 1980  
AS-BUILT



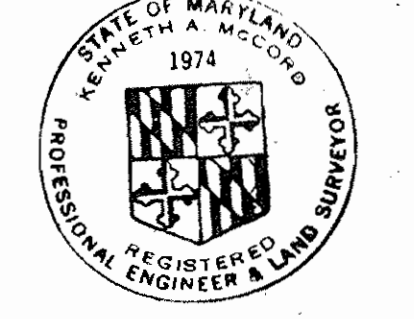
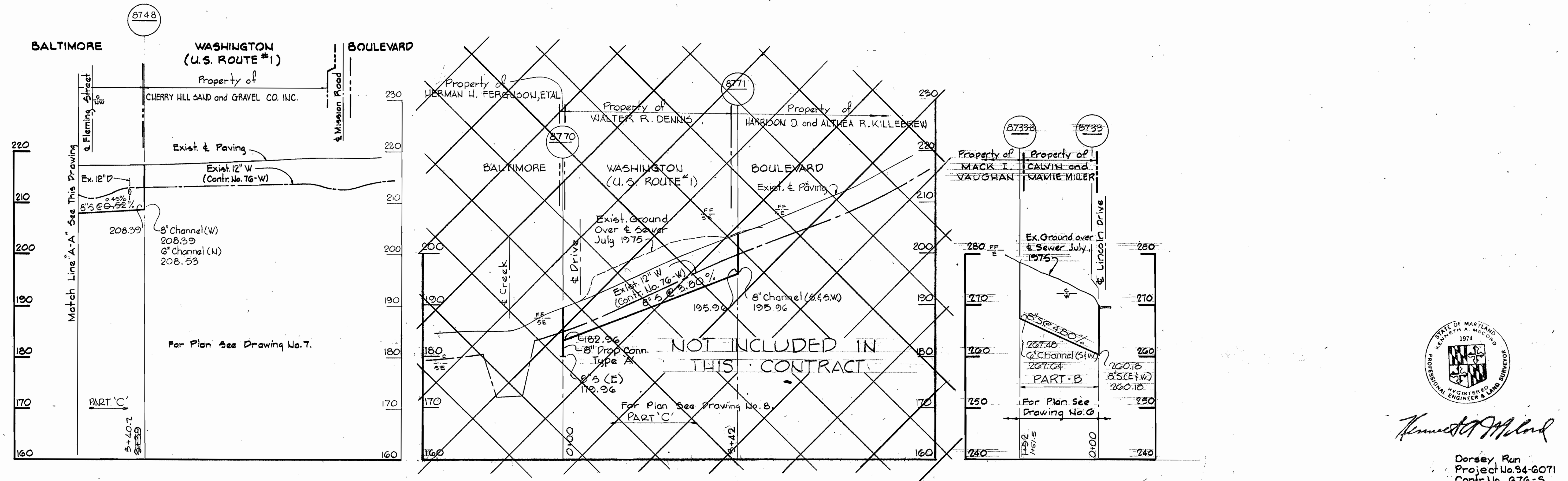
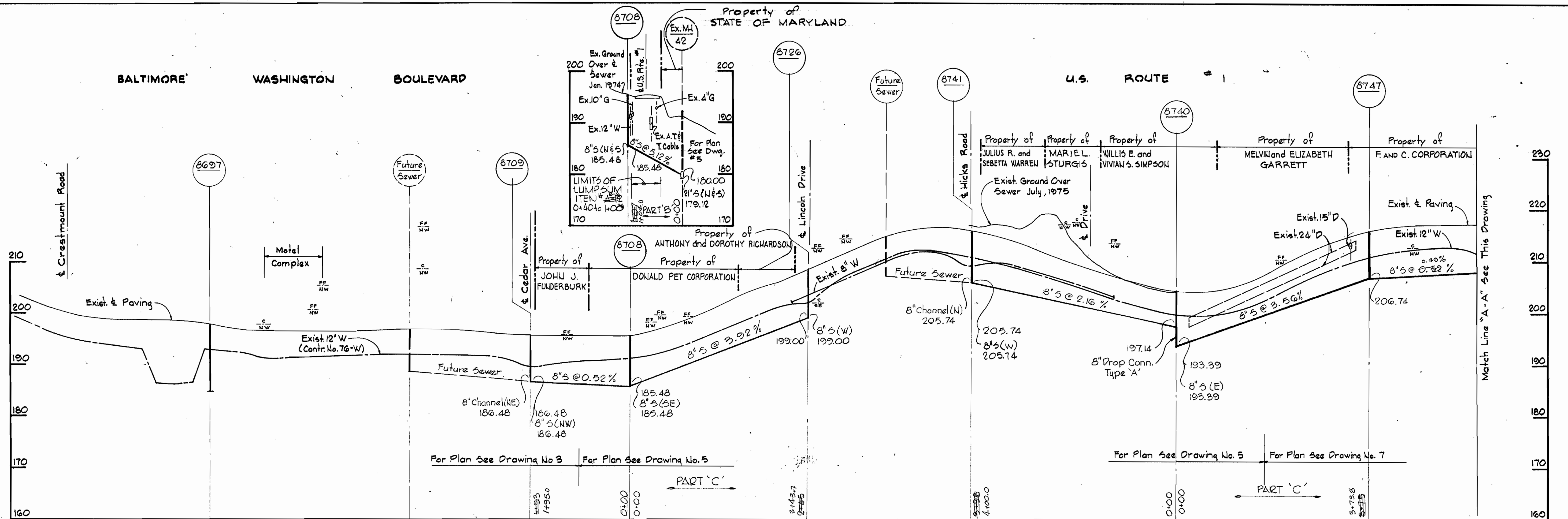
*Kenneth M. McLean*  
 Dorsey Run  
 Project No. S4-6071  
 Contr. No. 676-S

<b>WHITMAN, REARD &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND <i>M. Pagan</i> 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE	<b>CONTRACT NO. 676-S</b> <b>PROJECT NO. S4-6071</b> <i>W.O. Lambert</i> 3-10-77 CHIEF-BUREAU OF ENGINEERING - DATE	<b>PLAN, PROFILE &amp; DETAILS OF</b> <b>SEWER MAINS</b>	<b>ELECTION DISTRICT</b> <b>GUILFORD NO. 6</b>	<b>DRAWING NO. 10</b>	<b>SCALE AS SHOWN</b>	484-983
					<b>NO. 15</b>	<b>AS SHOWN</b>	

WS 676 S/10

BRUNING 44-510 1539Z





*Kenneth A. McLeod*

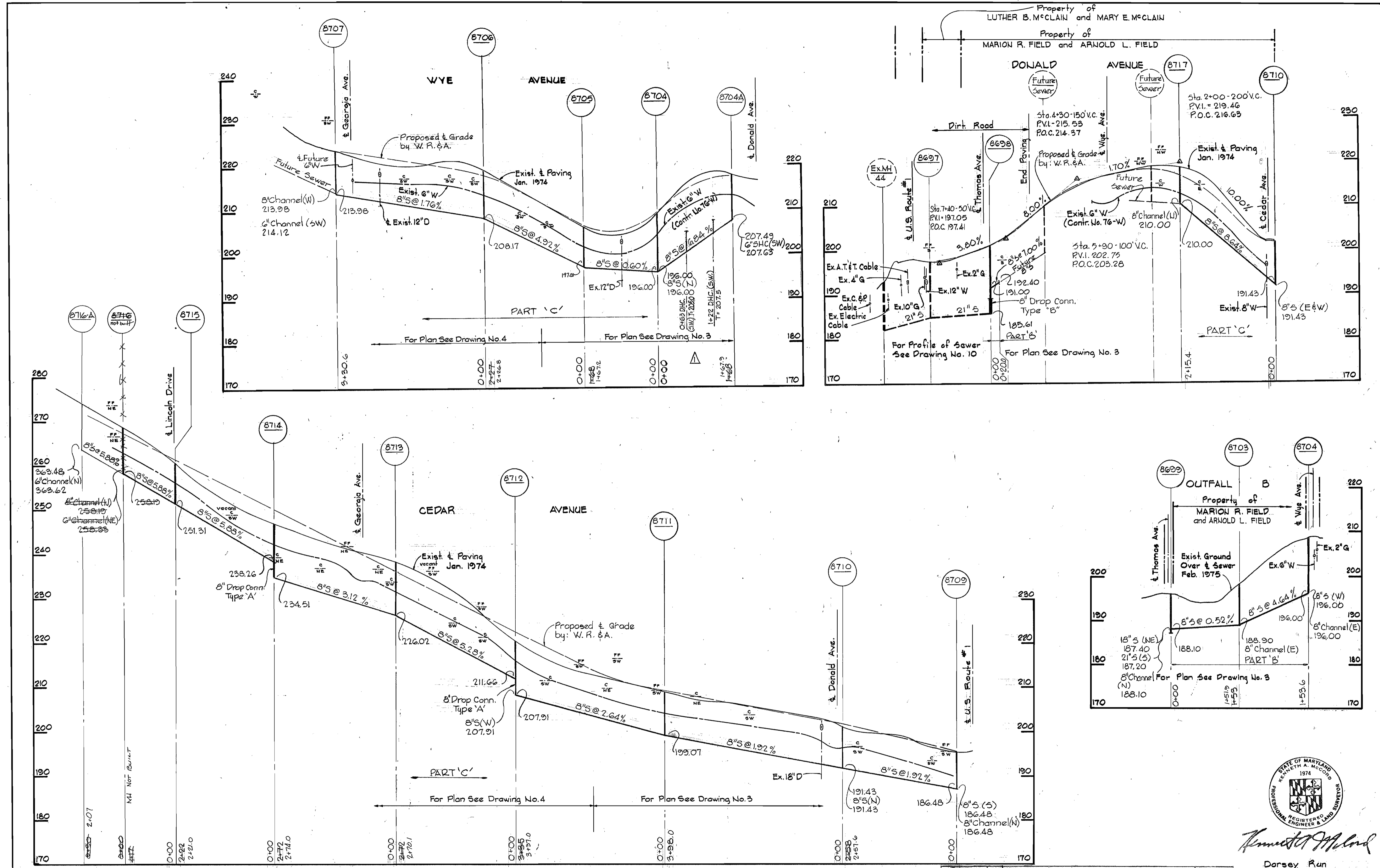
Dorsey Run  
Project No. S4-6071  
Contr. No. 676-S

<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE	<b>CONTRACT NO. 676-S</b> <b>PROJECT NO. S4-6071</b>	<b>PROFILES OF SEWER MAINS</b>	<b>ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 12 OF 15</b> <b>SCALE H: 1"=100' V: 1"=10'</b>
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WS 676 S/12

BRUNING 44510 18392

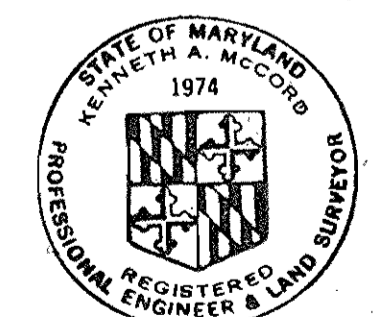
WS 676 S/13



Revision	Description	Date
Δ	8" Sewer extended in Wye Ave. = MH 8704 to 8704A	4-3-79

<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>DEPARTMENT OF PUBLIC WORKS</b> HOWARD COUNTY, MARYLAND <i>W. O. Gilbert</i> 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE	<b>CONTRACT NO. 676-S</b> <b>PROJECT NO. S4-6071</b>	<b>PROFILES OF SEWER MAINS</b>	<b>ELECTION DISTRICT GUILFORD NO. 6</b>	<b>DRAWING NO. 13</b> OF 15	<b>SCALE</b> H:1"=100' V:1"=10'
					'AS BUILT' APRIL 4, 1979 February 22, 1980	

W. O. 6840-2



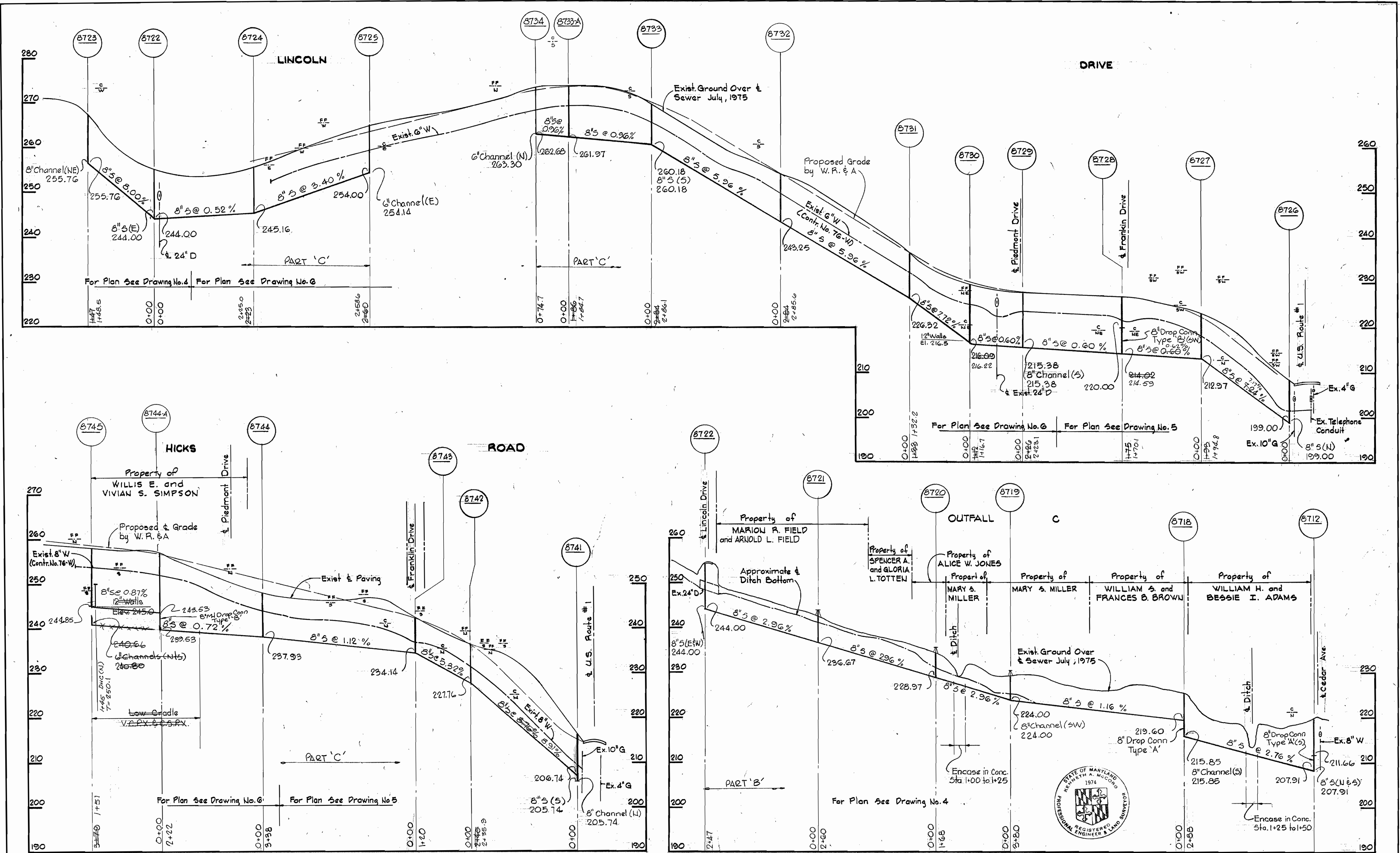
*Kenneth A. McCord*

Dorsey Run  
 Project No. S4-6071  
 Contr. No. 676-S

BRUNING 44-510 18392

WS 676 S/14

BRUNING 44-510 1839Z



*Kenneth A. McCord*

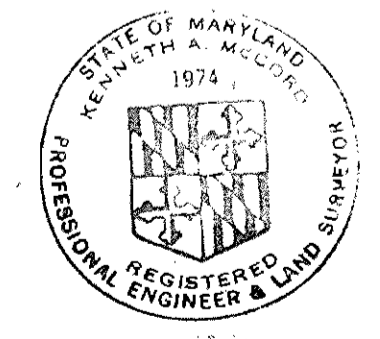
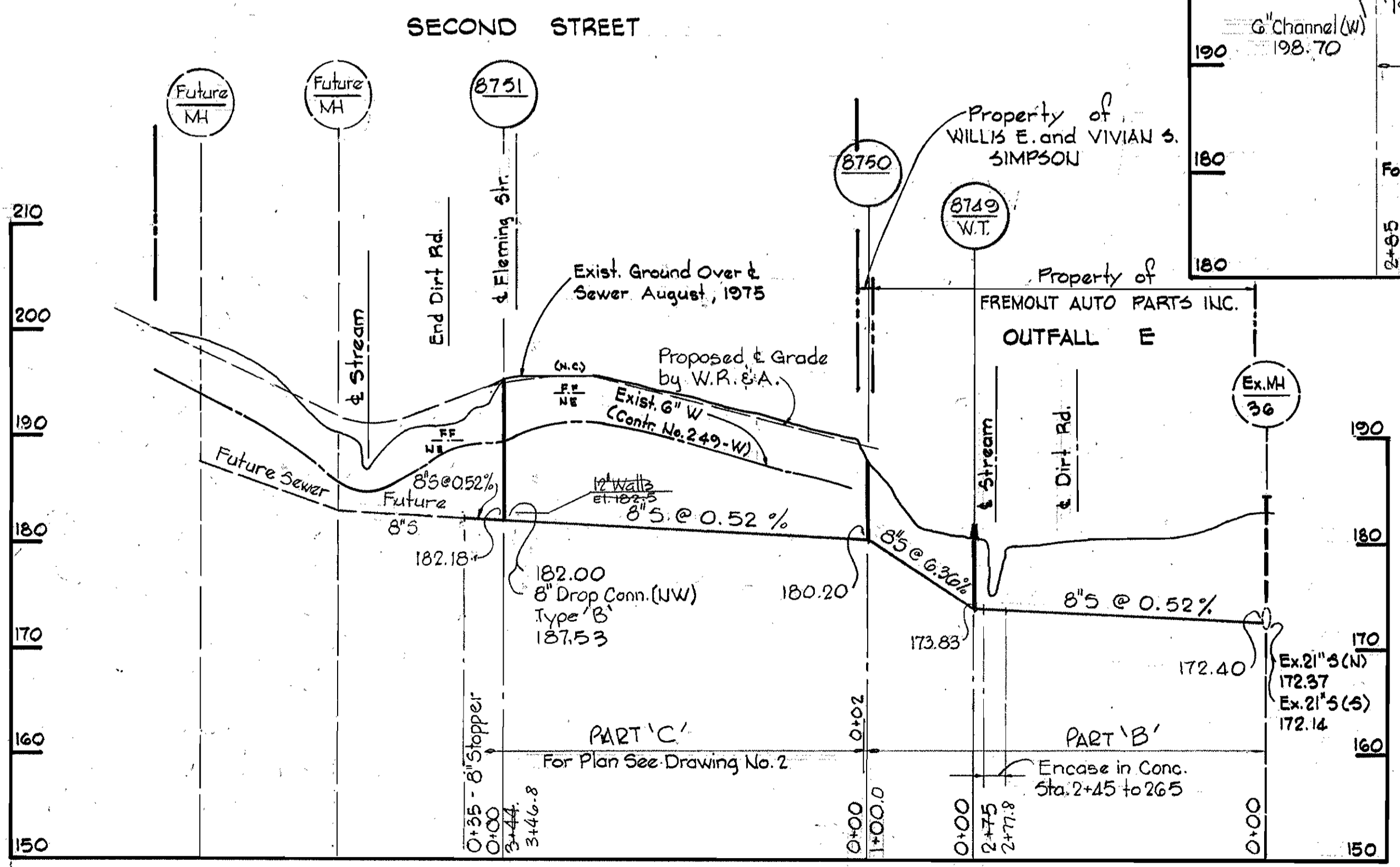
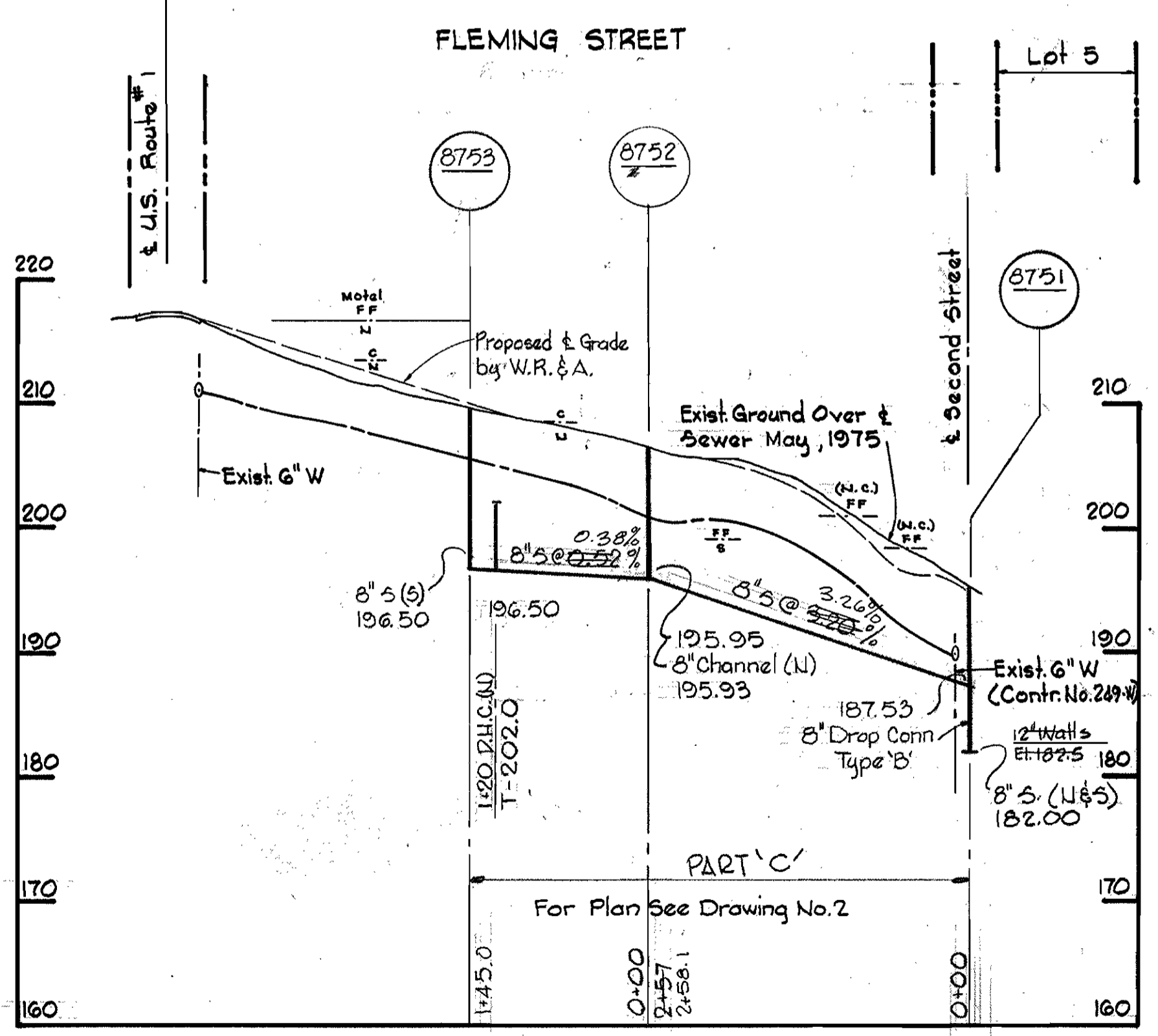
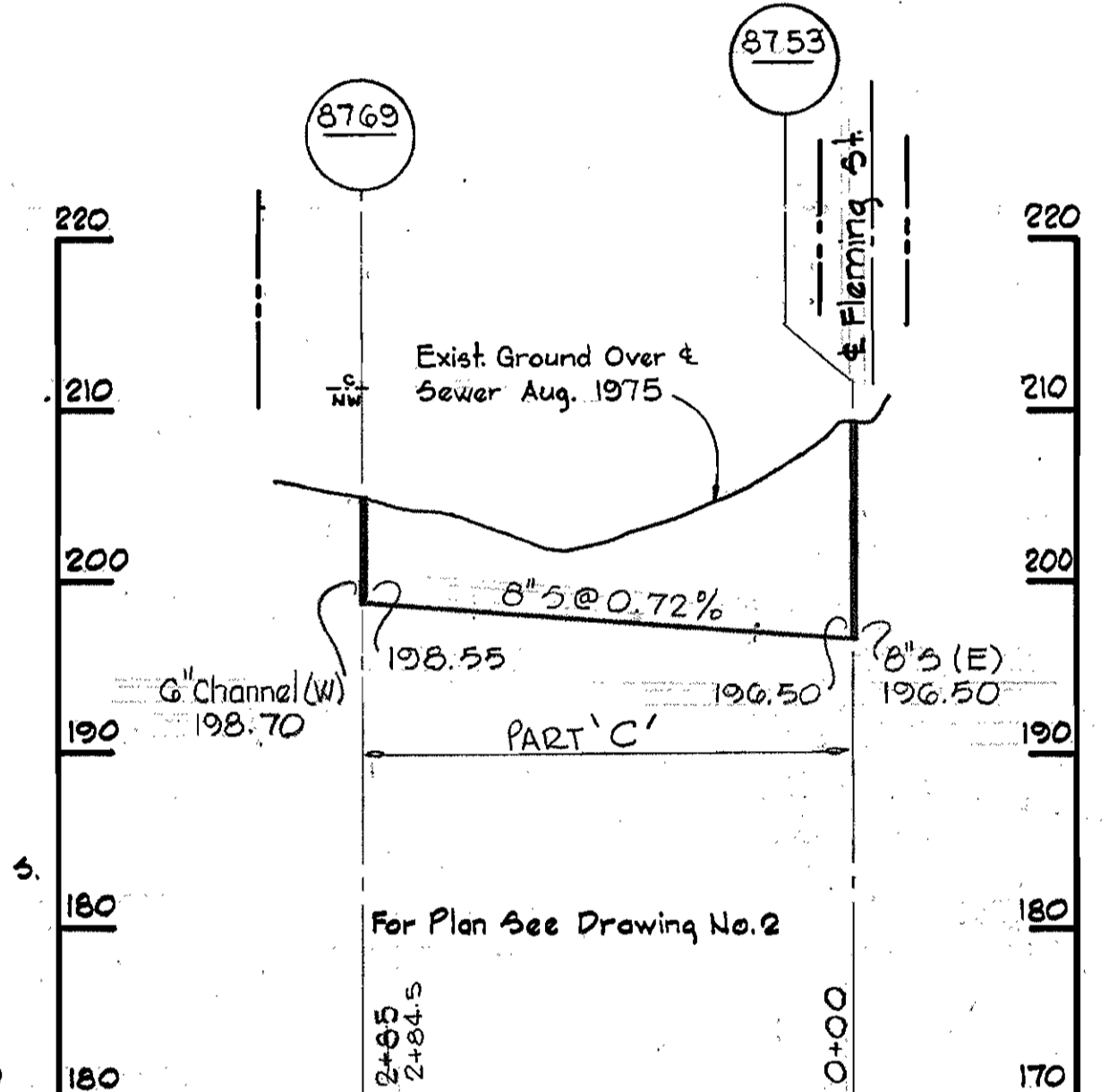
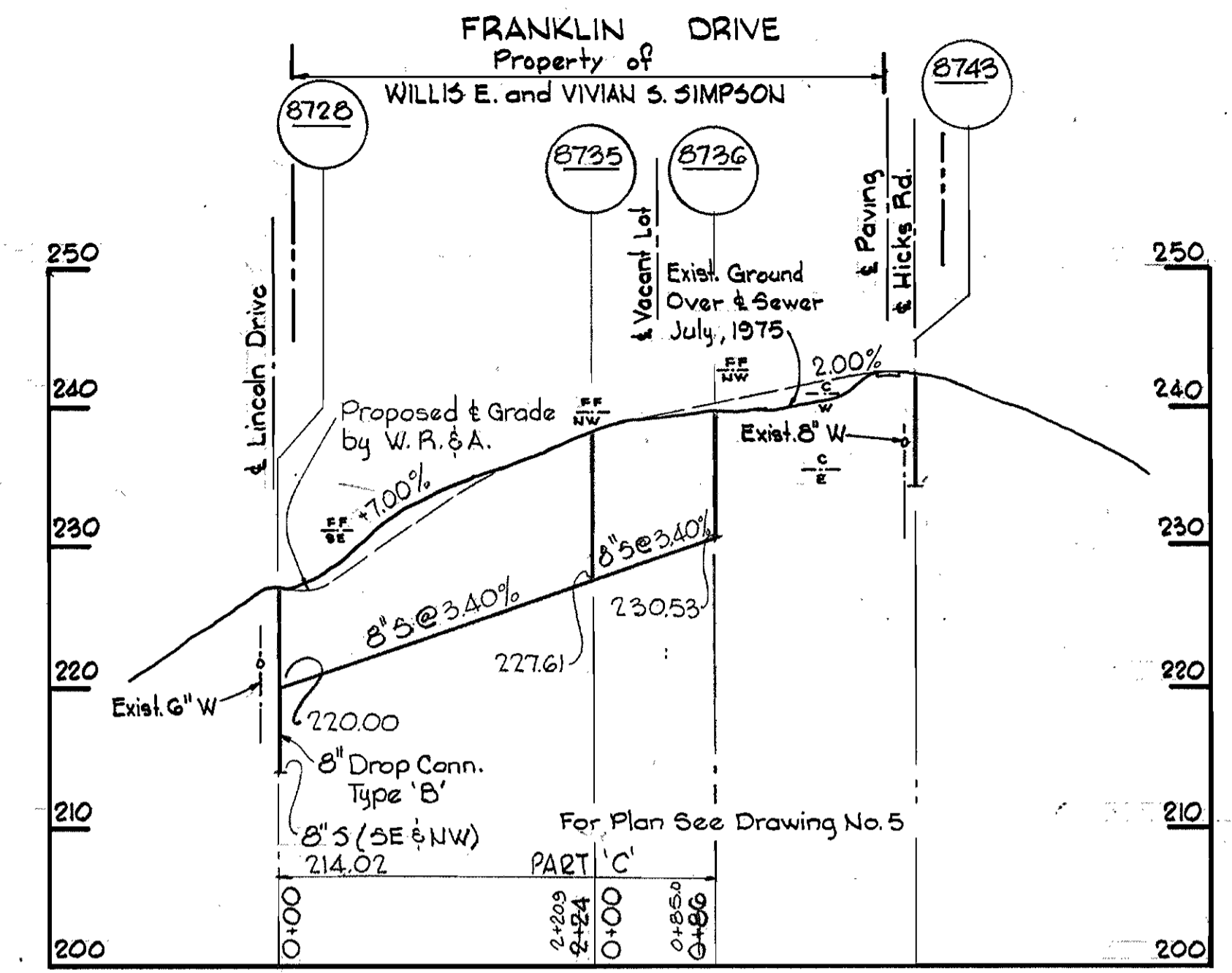
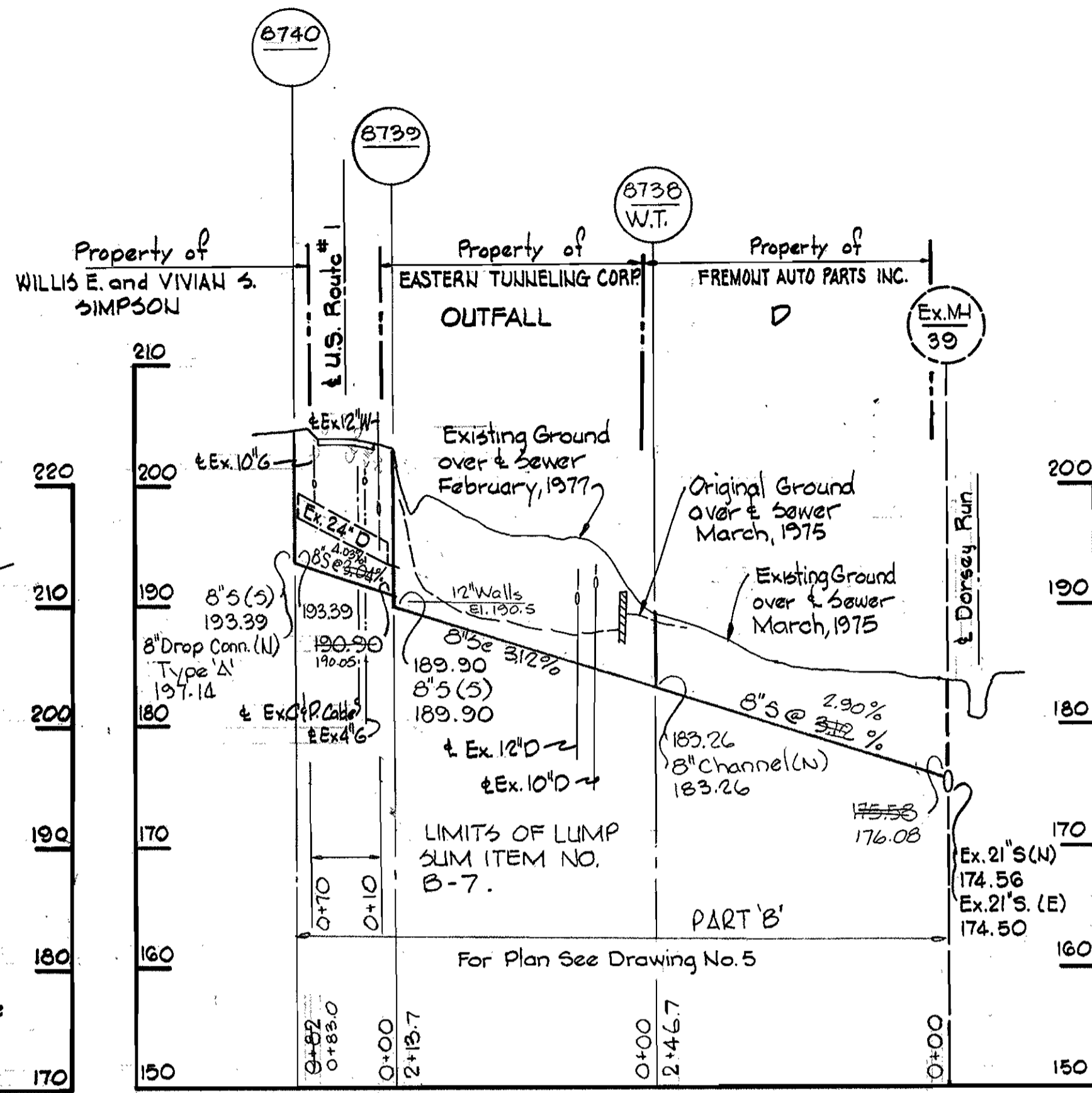
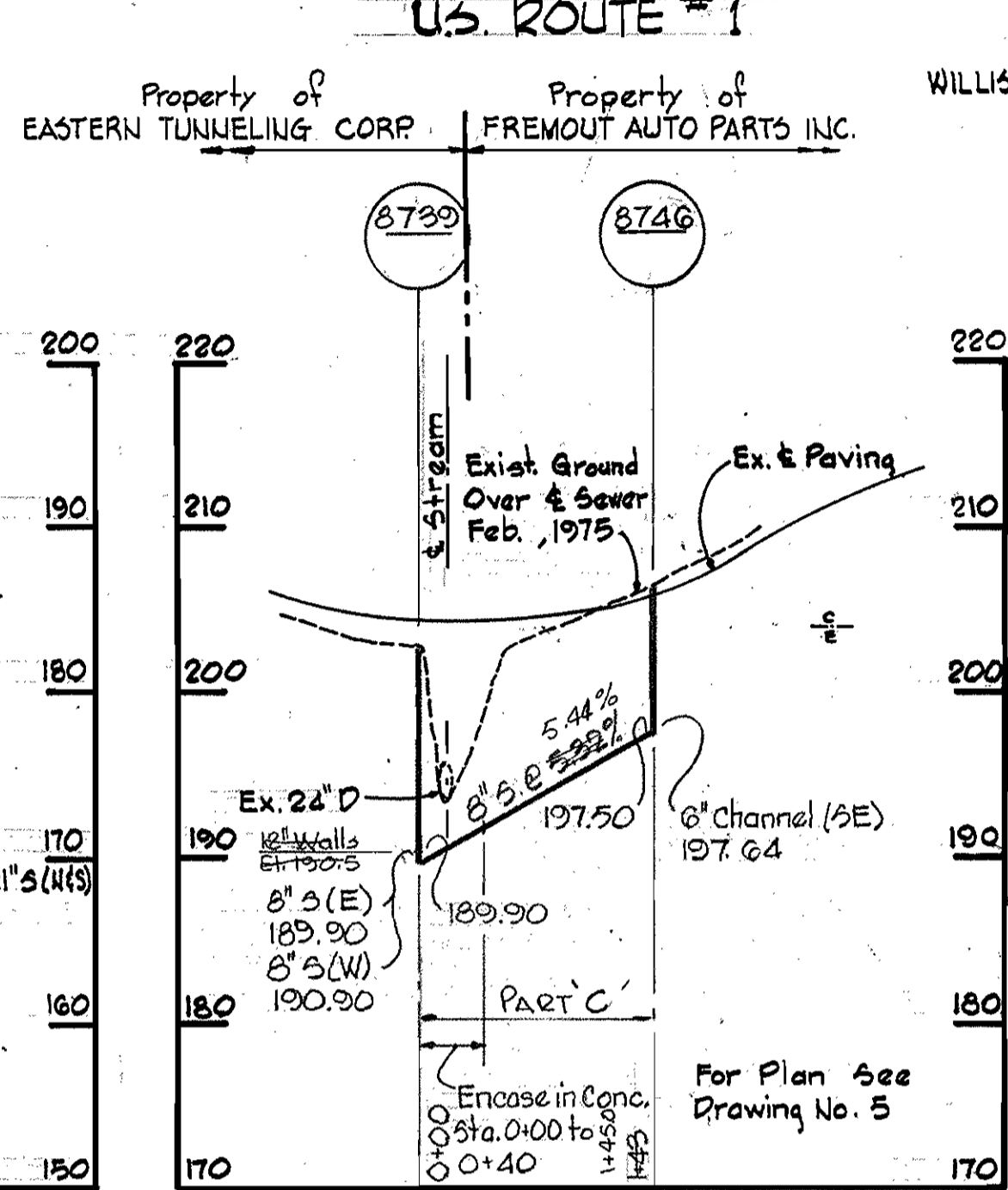
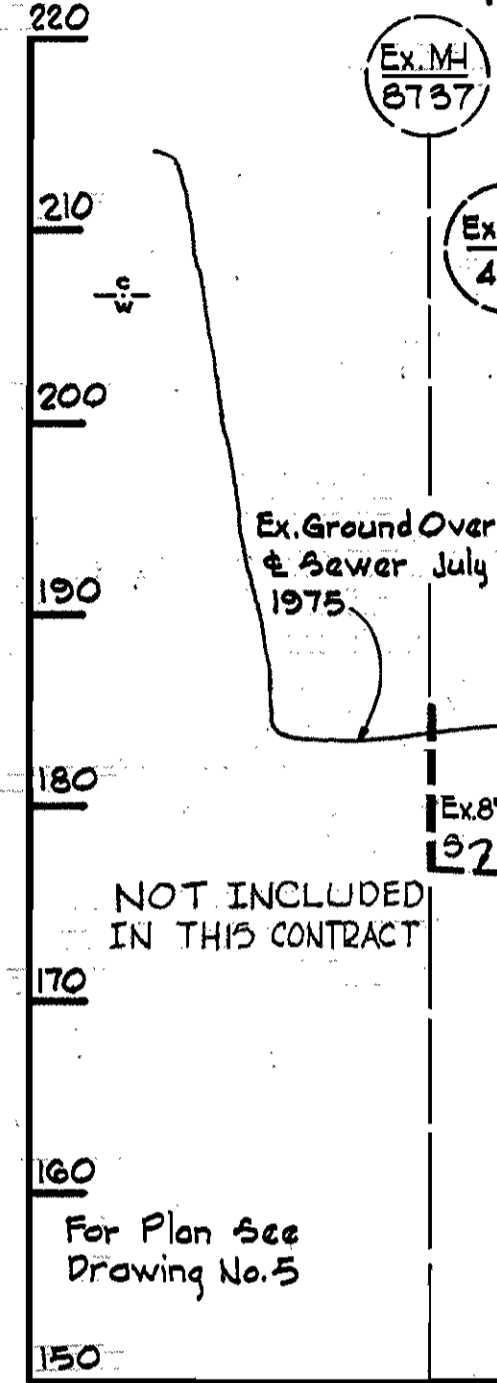
Dorsey Run  
Project No. S4-6071  
Contr. No. 676-S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>W. O. Gilbert</i> 3-11-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 676-S PROJECT NO. S4-6071	PROFILES OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 14 OF 15 SCALE H: 1"=100' V: 1"=10'
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W. O. 6840-2

AS-BUILT APRIL 4, 1978  
February 23, 1980

Property of  
STATE OF MARYLAND FOR THE USE OF THE  
GREATER BALTIMORE CONSOLIDATED WHOLESALE  
FOOD MARKET AUTHORITY



*Kenneth J. Arnold*  
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Dorsay Run  
Project No. 54-6071  
Contr. No. 676-5

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-1-77 DIRECTOR OF PUBLIC WORKS - DATE	CONTRACT NO. 676-S PROJECT NO. 54-6071	PROFILES OF SEWER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 15 OF 15 SCALE H:1"=100' V:1"=10'
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W. O. 6840-2

'AS-BUILT'  
February 23, 1980 APRIL 4, 1978

WS 676 S/15