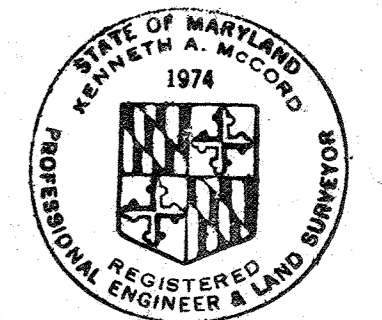




PROJECT NO. WP 8037
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

QUANTITIES	
Item	Quantity
6" Water	5,100 LF
8" Water	1,500 LF
12" Water	7,760 LF
16" Water	75 LF
Fire Hydrants	18

Stakeout and Diary
 P.B. # 5486
 F.H.'s - Smith



Kenneth A. McCord
 Water Mains in Gorman Road,
 Hammond Village and Leishear Road
 Project No. WP 8037
 Contract No. 548-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE 11-30-73 <i>W. O. Gilbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 548-W	LOCATION MAP	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 1 OF 9 SCALE 1"=600'
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NOV. 13, 1974 AS BUILT

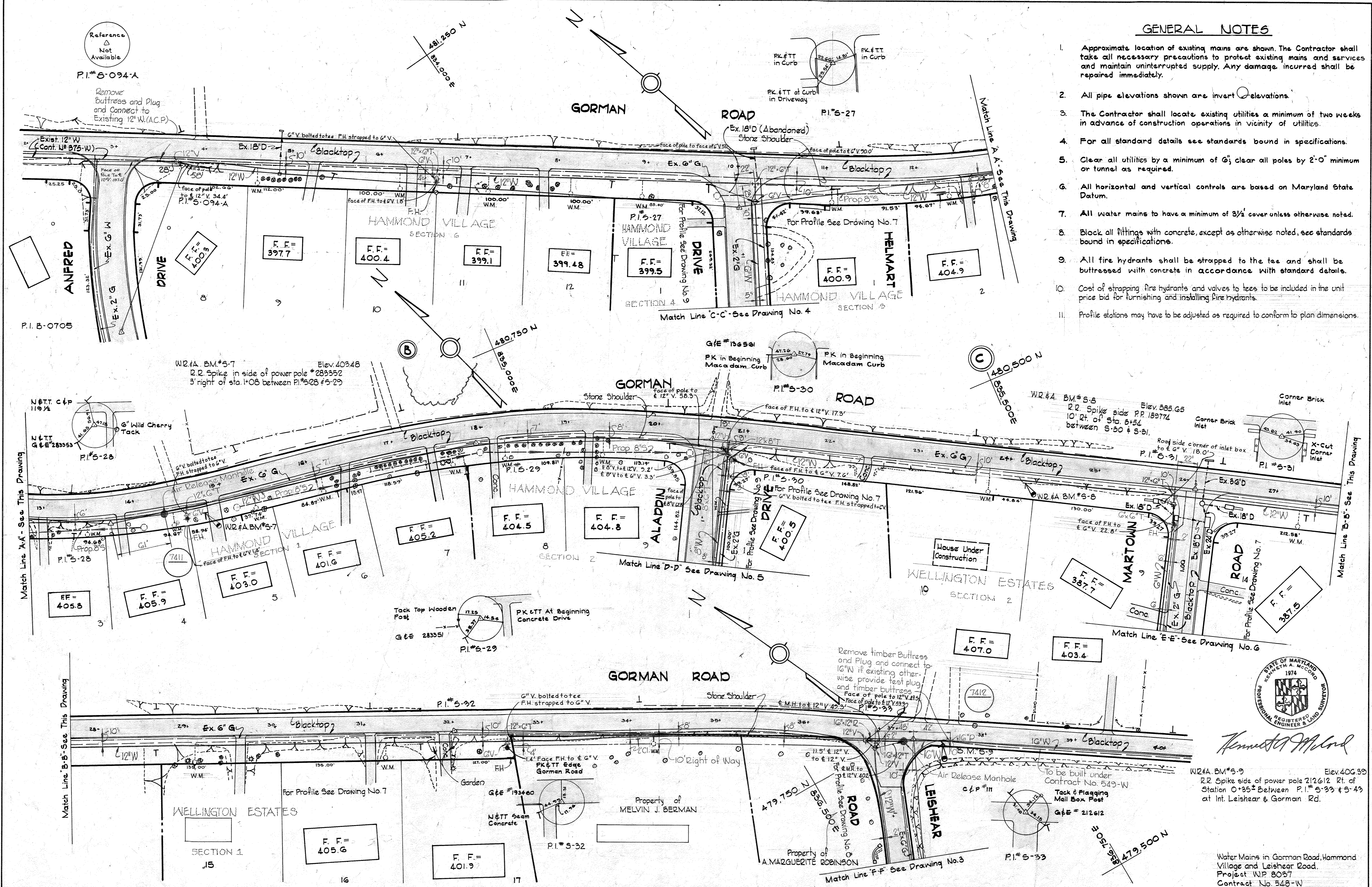
WS 548-w/1

BRUNING 44-510 14778

W. O. GGOI-2

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. All horizontal and vertical controls are based on Maryland State Datum.
7. All water mains to have a minimum of 3/2' cover unless otherwise noted.
8. Block all fittings with concrete, except as otherwise noted, see standards bound in specifications.
9. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details.
10. Cost of strapping fire hydrants and valves to tees to be included in the unit price bid for furnishing and installing fire hydrants.
11. Profile stations may have to be adjusted as required to conform to plan dimensions.



Kenneth A. McLeod

W2#4, BM#5-9 Elev. 406.39
 R.R. Spike side of power pole 212.612 Rt. of Station 0+35+ Between P.I.#5-33 & 5-43 at Int. Leishear & Gorman Rd.

Water Mains in Gorman Road, Hammond Village and Leishear Road.
 Project W.P. 8087
 Contract No. 548-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE <i>W. O. Gilbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 548-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 2 OF 9 SCALE 1" = 50' 480 - (10) 475 - (8) 480 - (5)
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W. O. 6601-2

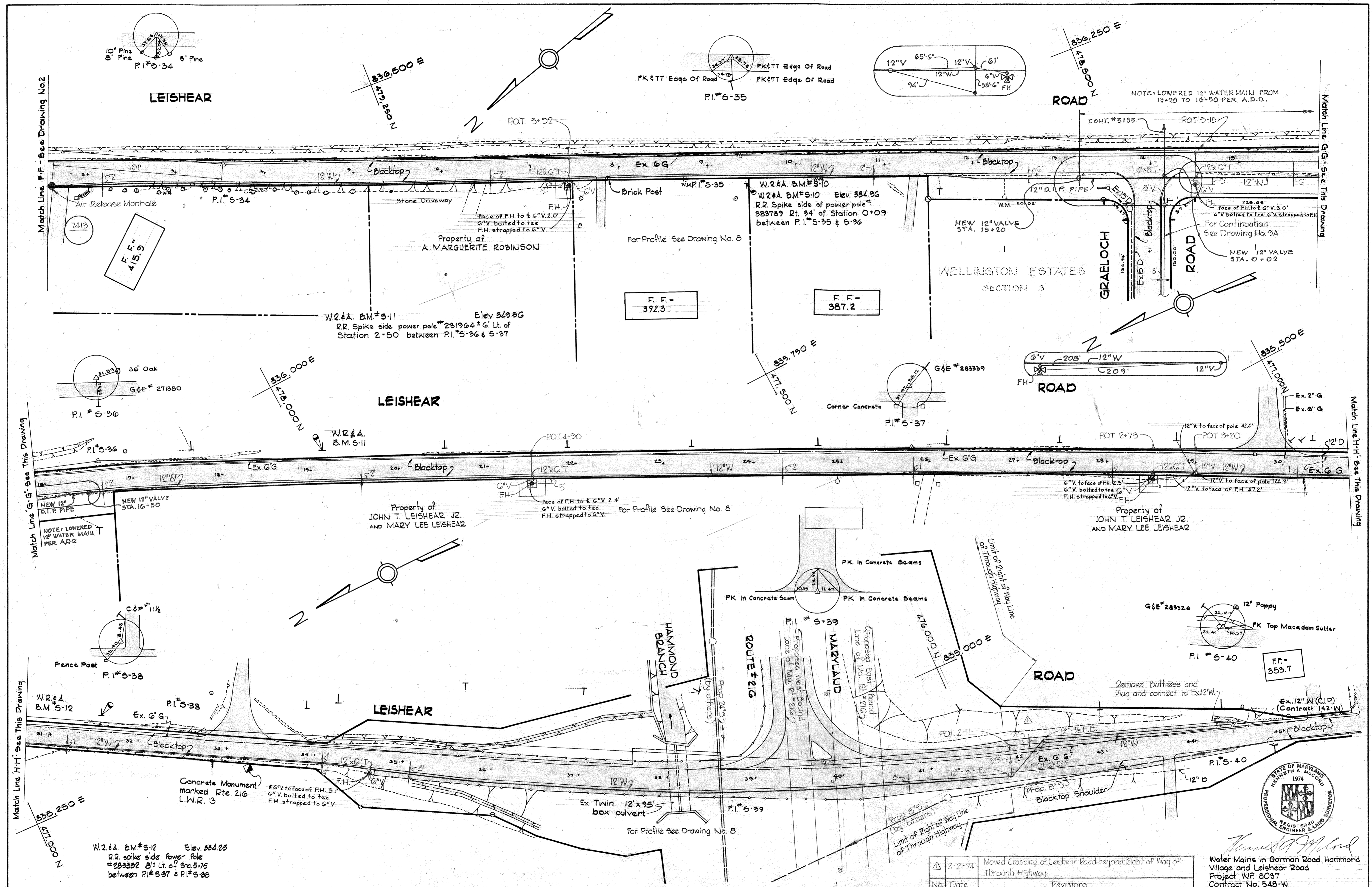
FB#5239 NOV. 13, 1974 AS BUILT

WS 548-W/2

DRAWING 44-510 14776

WS 548-W/3

PLANNING 44-310 14778



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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE 11-30-73
W. O. Gilbert
 CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 548-W

PLAN OF WATER MAINS

ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 3 OF 9	SCALE 1"=50'	475-(8)
		478-(18)
		479-(19)
		475-(12)
		478-(19)

W. O. 6601-2

Water Mains in Gorman Road, Hammond Village and Leishear Road
 Project W.P. 8087
 Contract No. 548-W



2-21-74	Moved Crossing of Leishear Road beyond Right of Way of Through Highway
No.	Date
	Revisions

F6*5165 NOV 13, 1974 AS BUILT



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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 11-30-73
 DATE

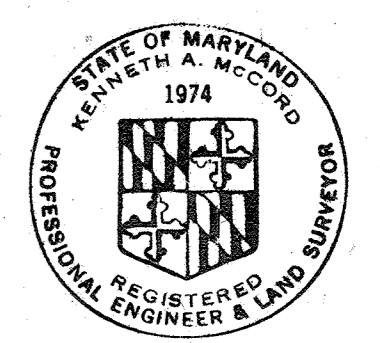
CONTRACT NO. 548-W

PLAN OF
 WATER MAINS

4-17-74	Extended G" Water in Helmart Drive
No. 4	Revision

ELECTION DISTRICT
 GUILFORD NO. 6

DRAWING NO. 4 OF 9
 SCALE 1" = 50'



Kenneth A. McCord
 Water Mains in Gorman Road, Hammond Village and Leishar Road
 Project WP 8057
 Contract No. 548-W

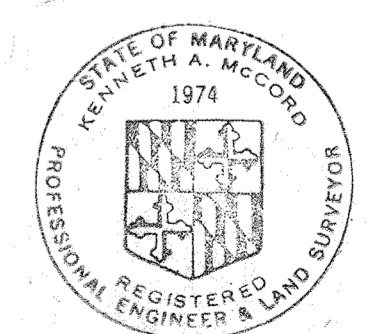
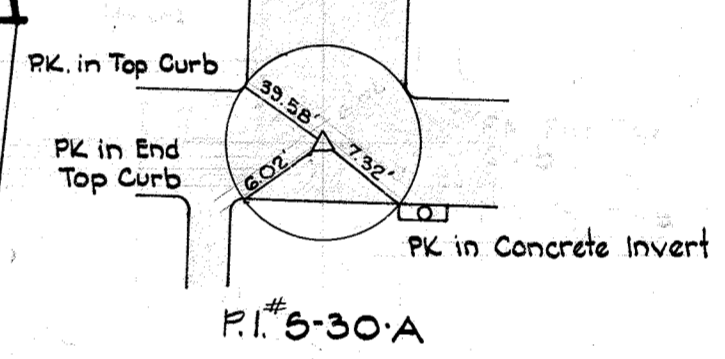
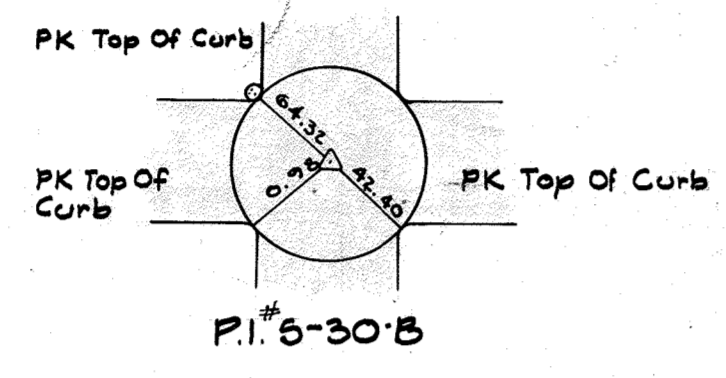
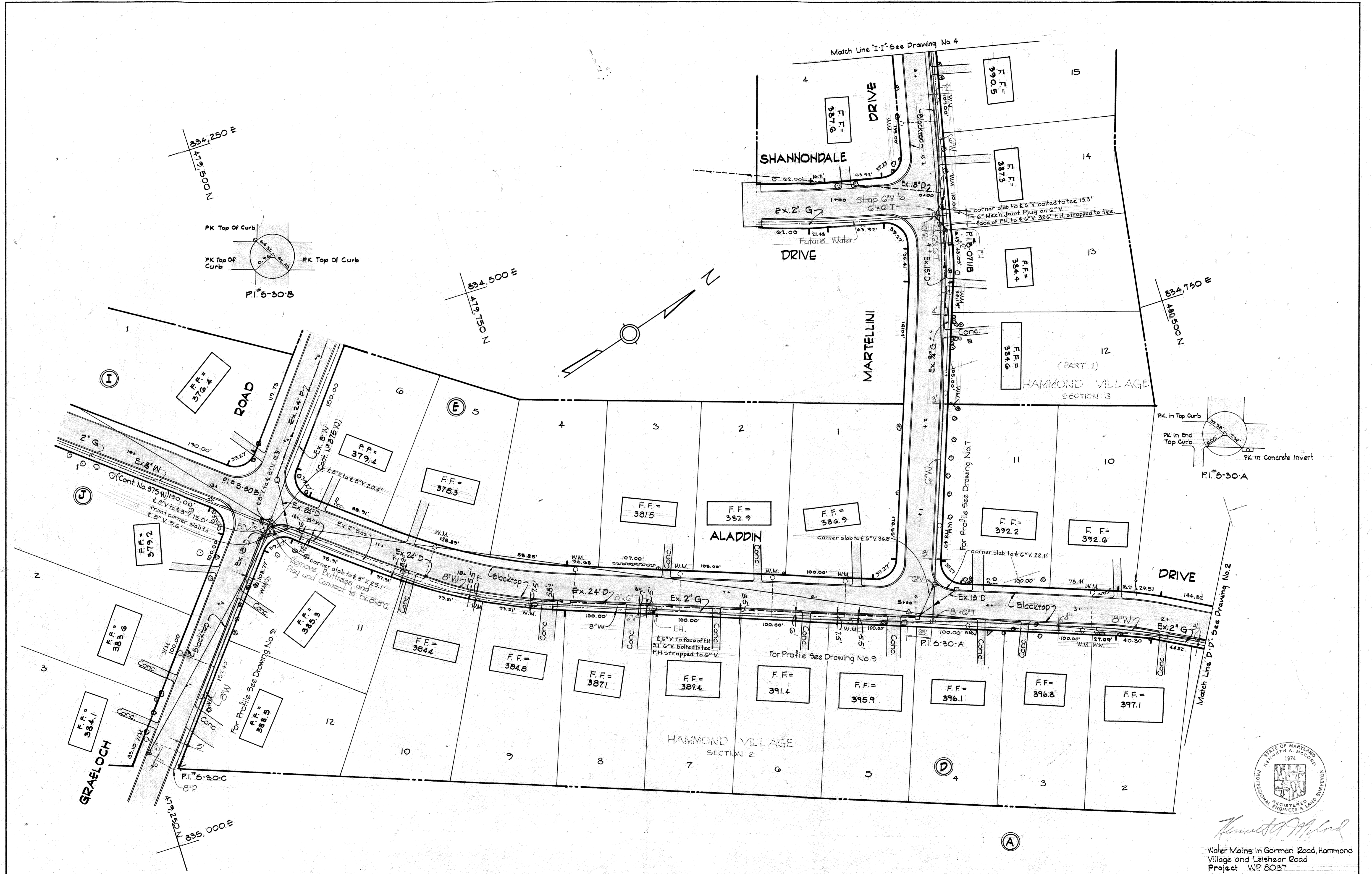
NOV. 13, 1974

WS 548-w/4

BRINING 44510 1932

W. O. 6601-2

AS BUILT



Kenneth A. McLeod

Water Mains in Gorman Road, Hammond Village and Leishear Road
 Project WP 8097
 Contract No 548-W

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

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE 11-30-73
W. O. Gilbert
 CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 548-W

PLAN OF
 WATER MAINS

ELECTION DISTRICT
 GUILFORD NO. 6

DRAWING NO. 5 OF 9	SCALE 1" = 50'	478-(01) 480-(01) 480-(01) 479-(01)
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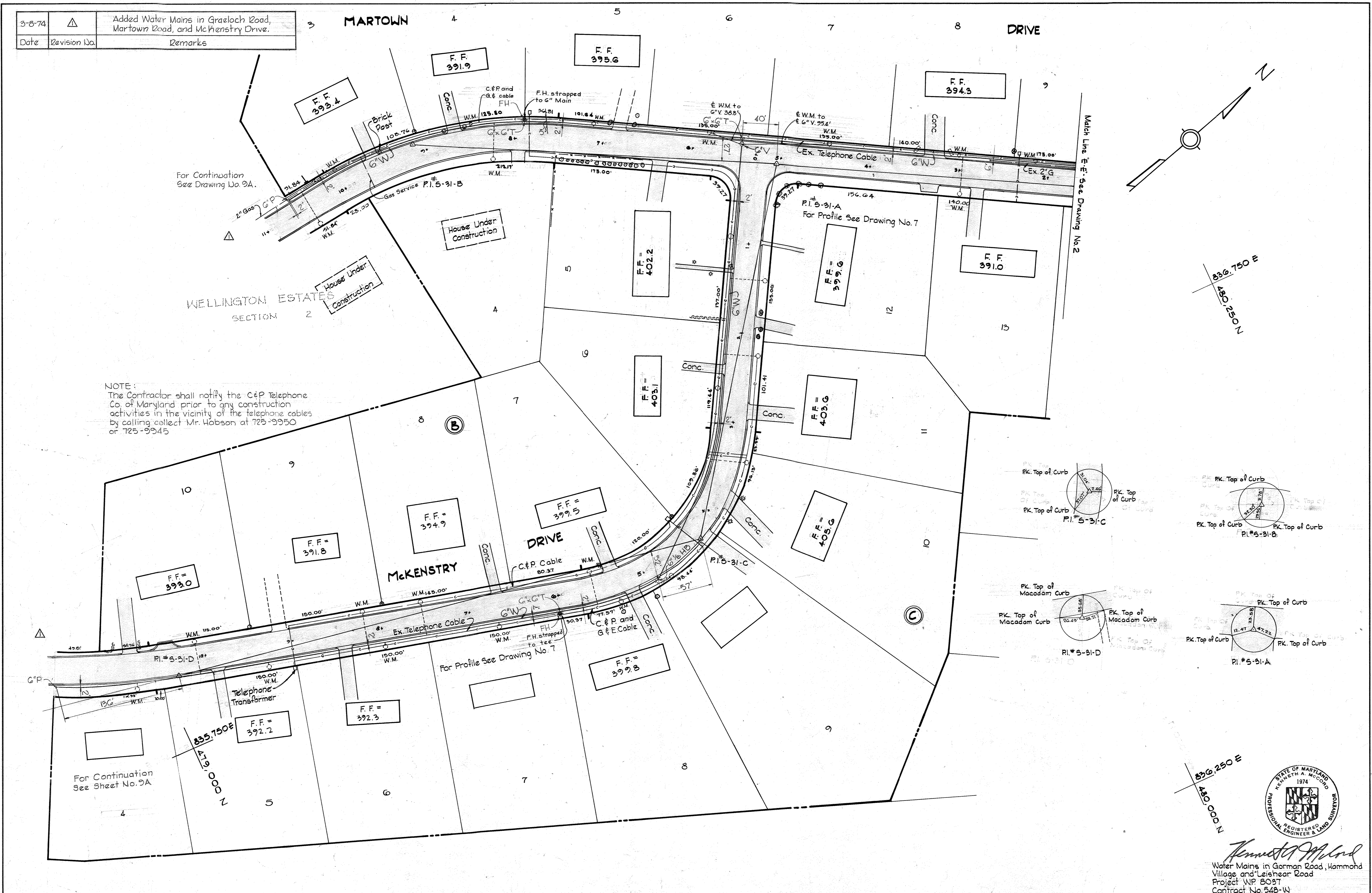
88.5193 Nov. 13, 1974 BUILT

W. O. 6601-2

WS 548-W/S

BRUNING 44-510 14778

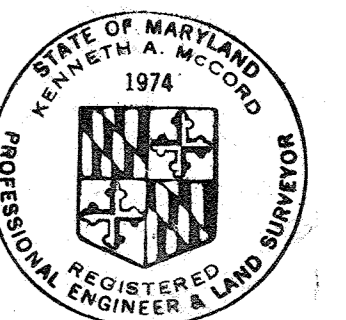
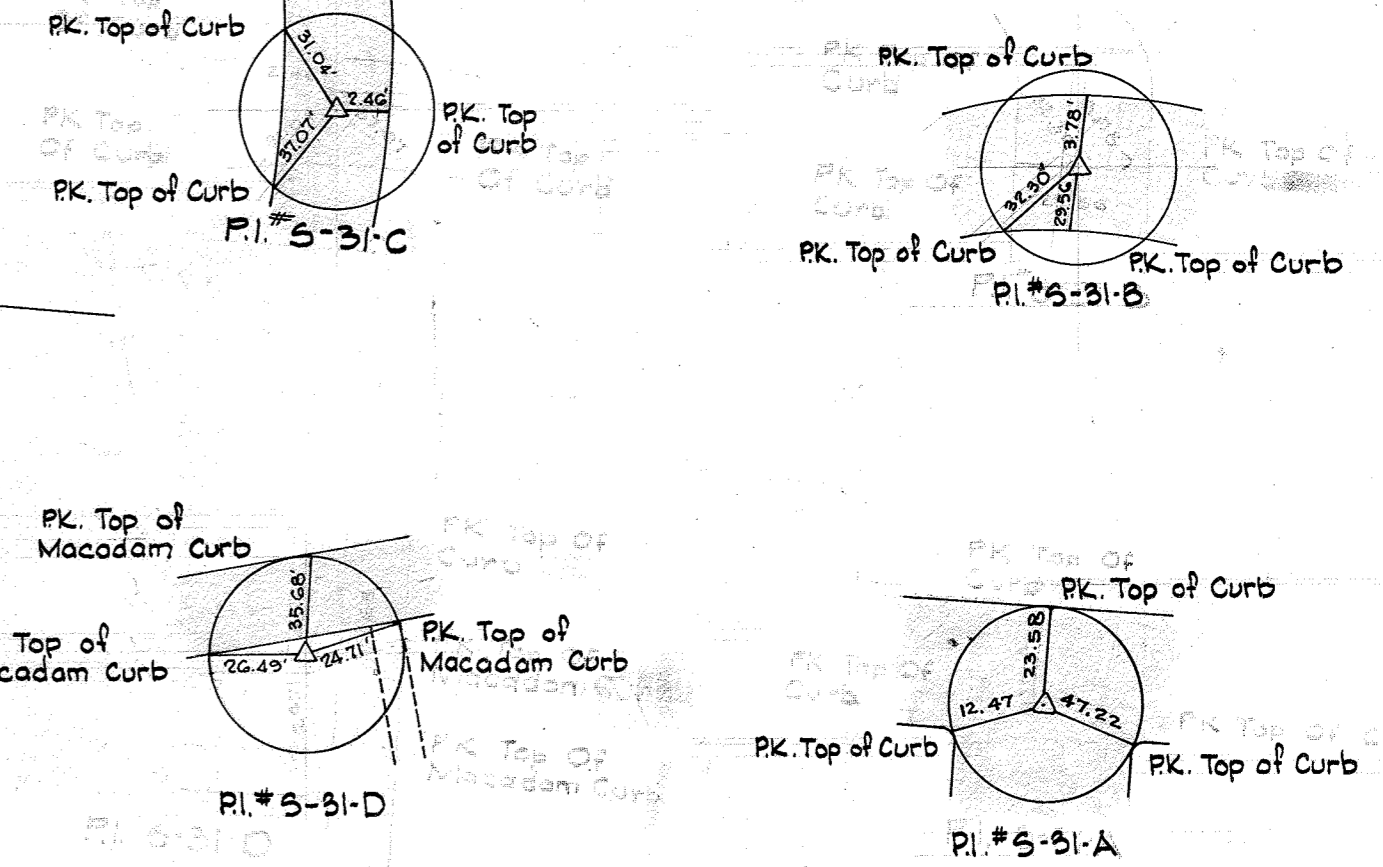
3-8-74	△	Added Water Mains in Grazloch Road, Martown Road, and McKinstry Drive.
Date	Revision No.	Remarks



NOTE:
The Contractor shall notify the C&P Telephone Co. of Maryland prior to any construction activities in the vicinity of the telephone cables by calling collect Mr. Hobson at 725-9950 or 725-9945

336.750 E
140.250 N

336.250 E
140.000 N

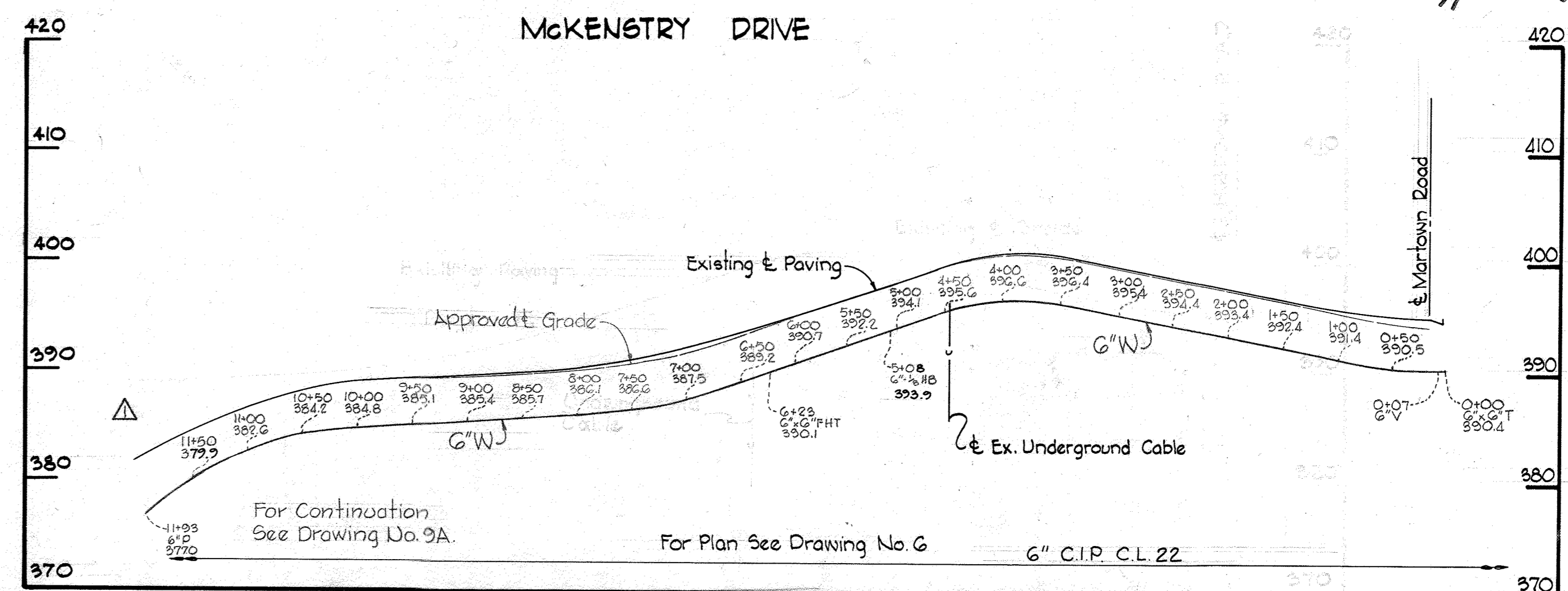
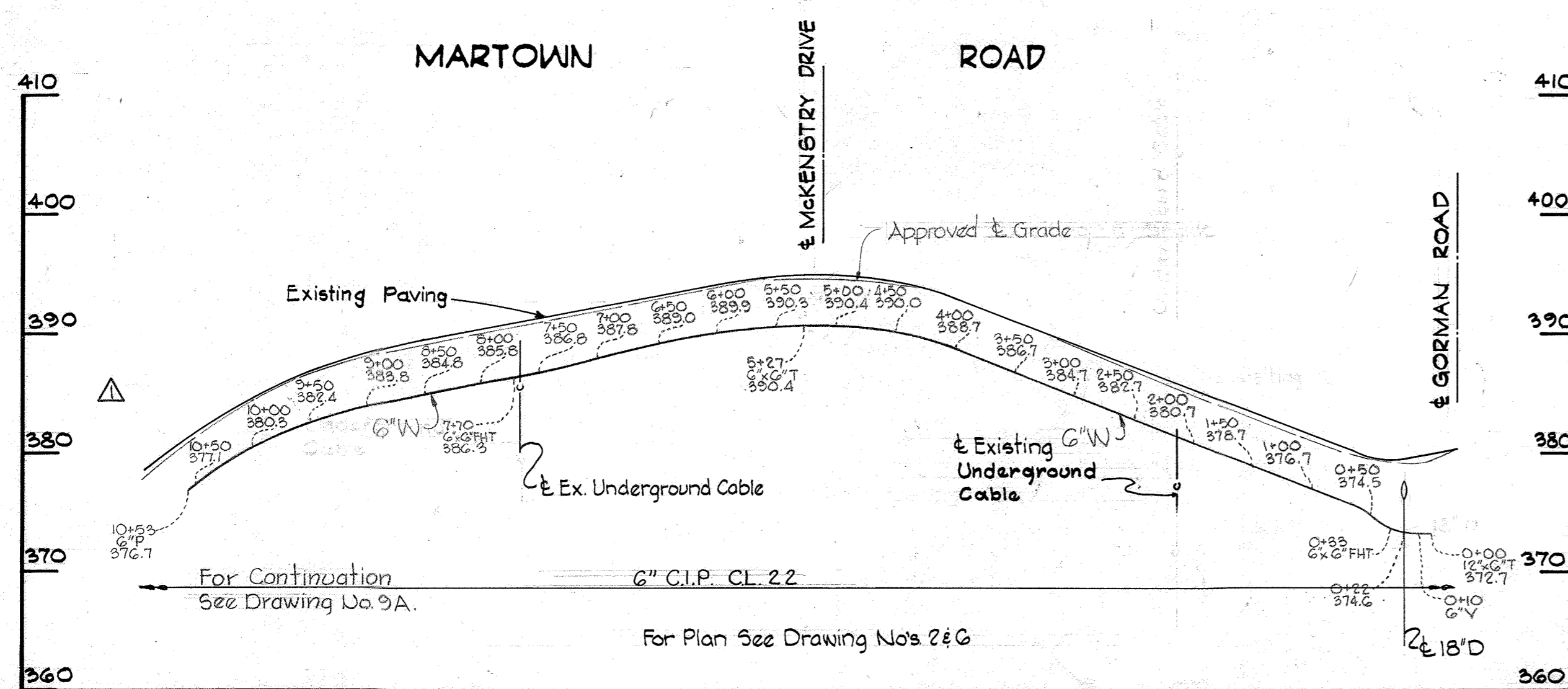
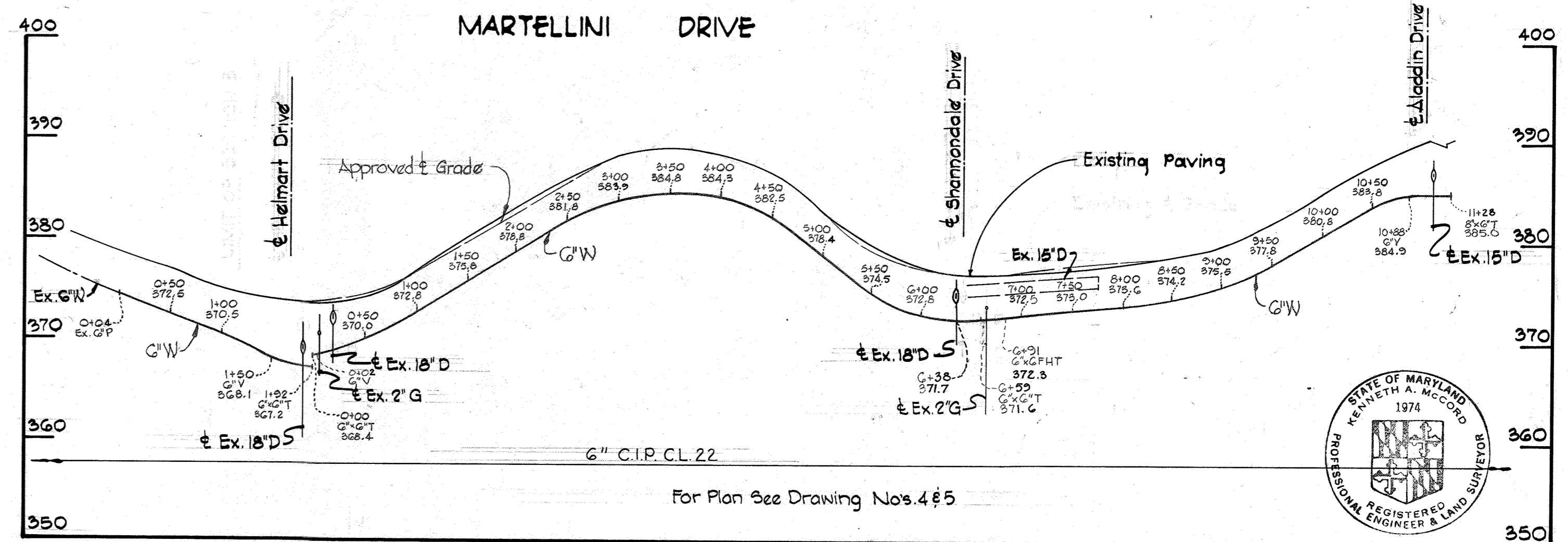
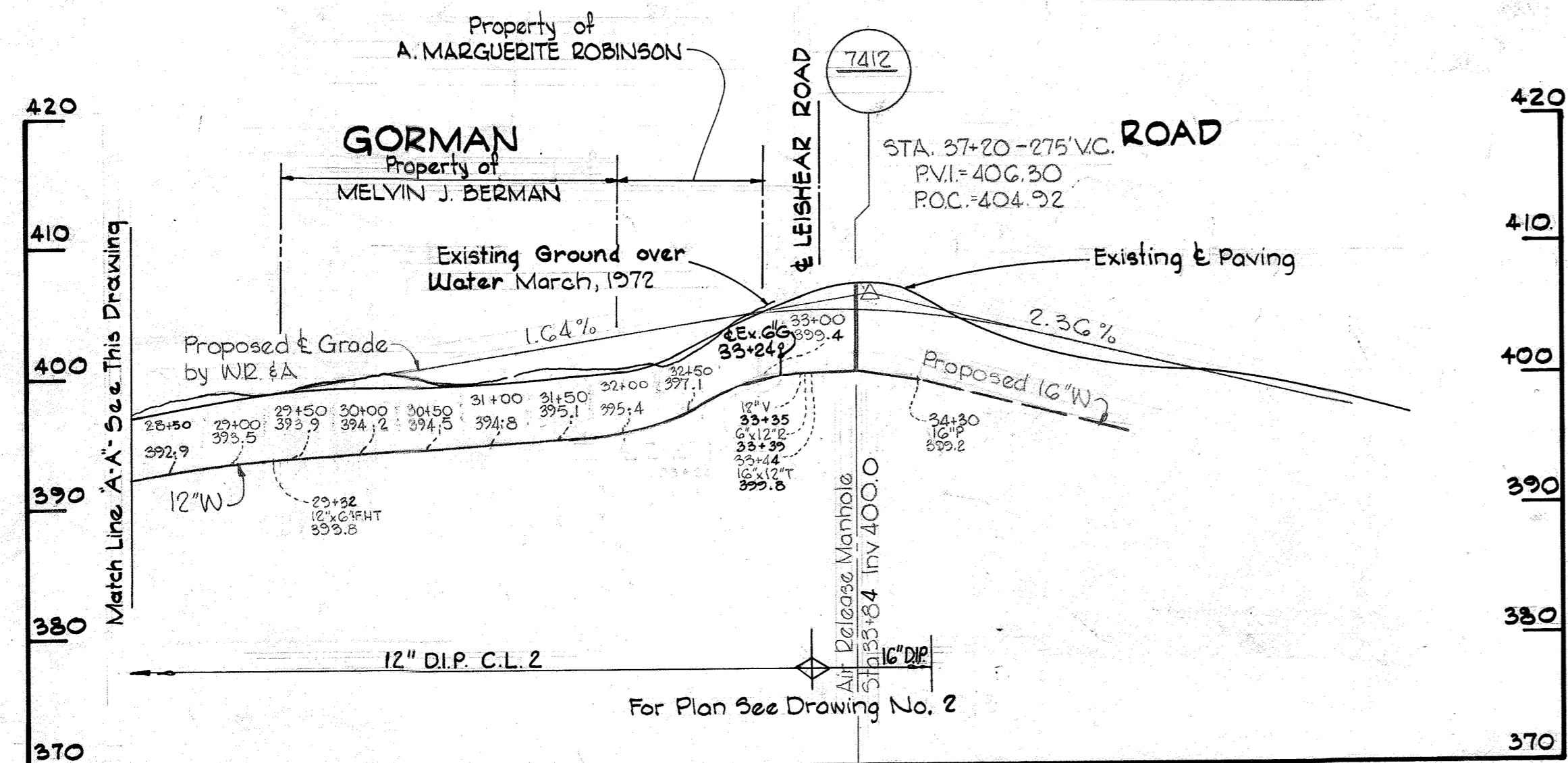
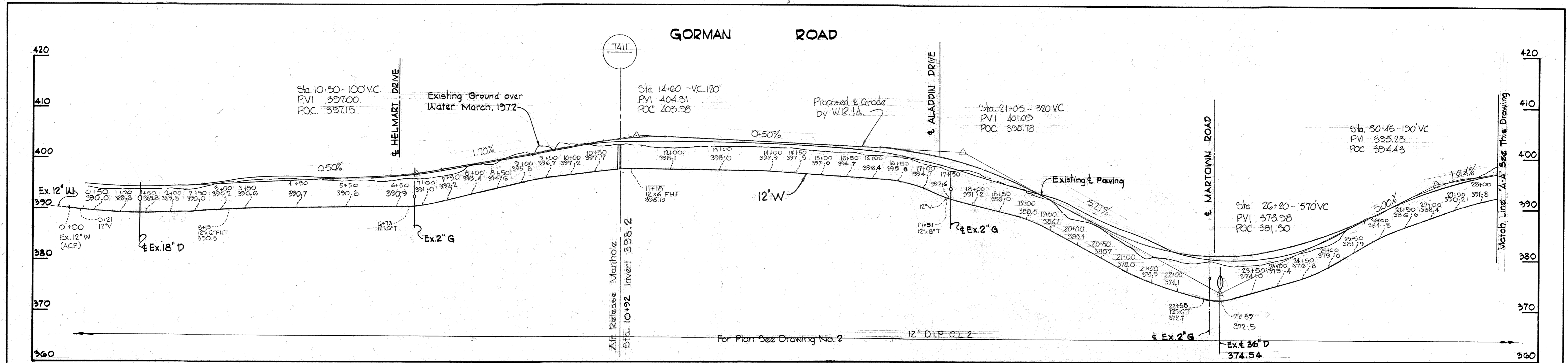


Kenneth A. Accord
Water Mains in Gorman Road, Hammond Village and Leishar Road
Project W.P. 5037
Contract No. 548-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE <i>W. O. Gilbert</i> CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 6 OF 9	SCALE 1" = 50'
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WS 548-w/6

BRUNING 44310 18992



Date	Revision No.	Remarks
3-8-74	1	Added Water Mains in Graeoch Road, Martown Road, and McKenstry Drive

Water Mains in Gorman Road, Martown Road, and McKenstry Drive.
Project WP 8037
Contract No. 548-W

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-30-73
DATE

CONTRACT NO. 548-W

PROFILE OF
WATER MAINS

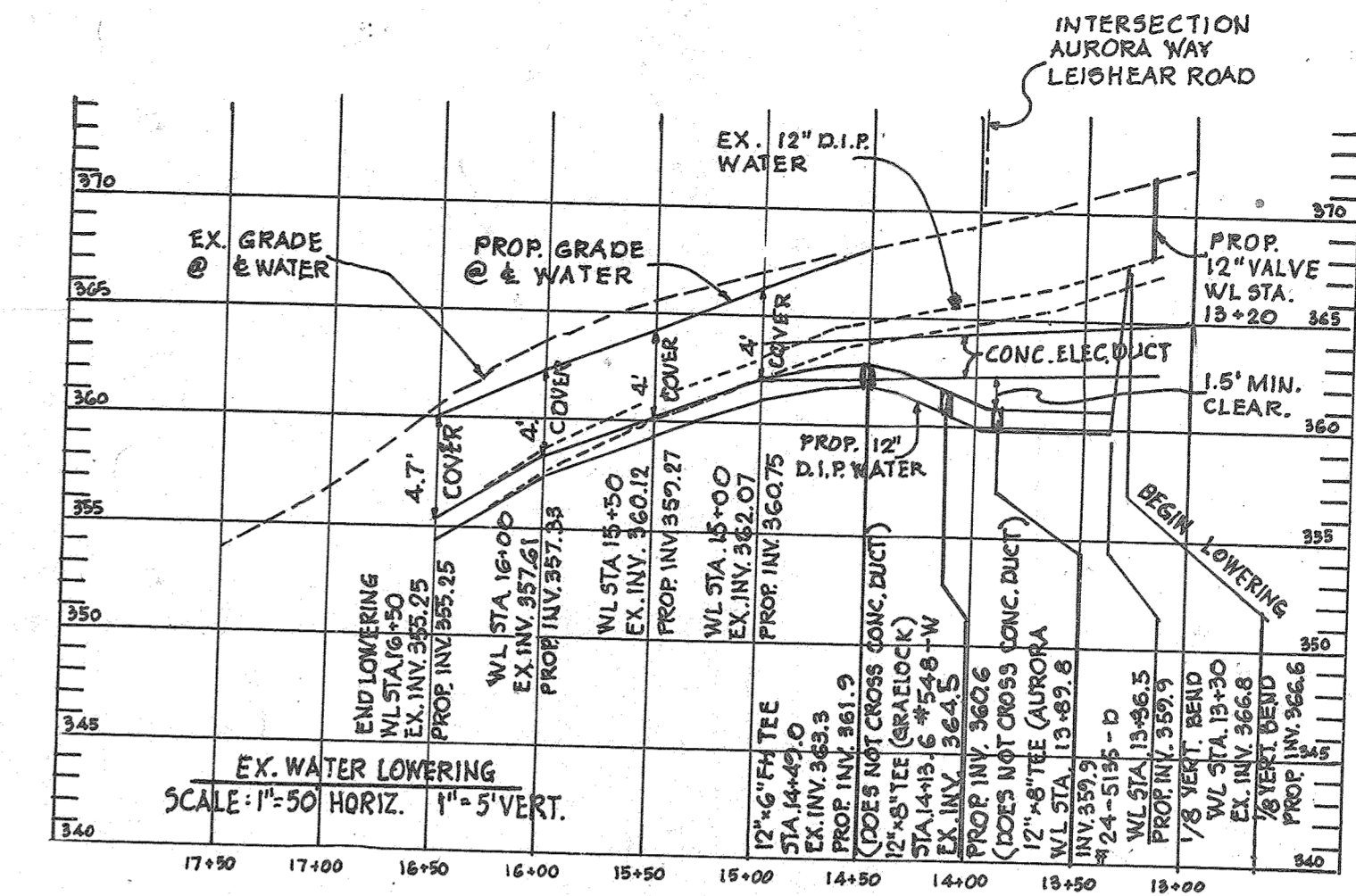
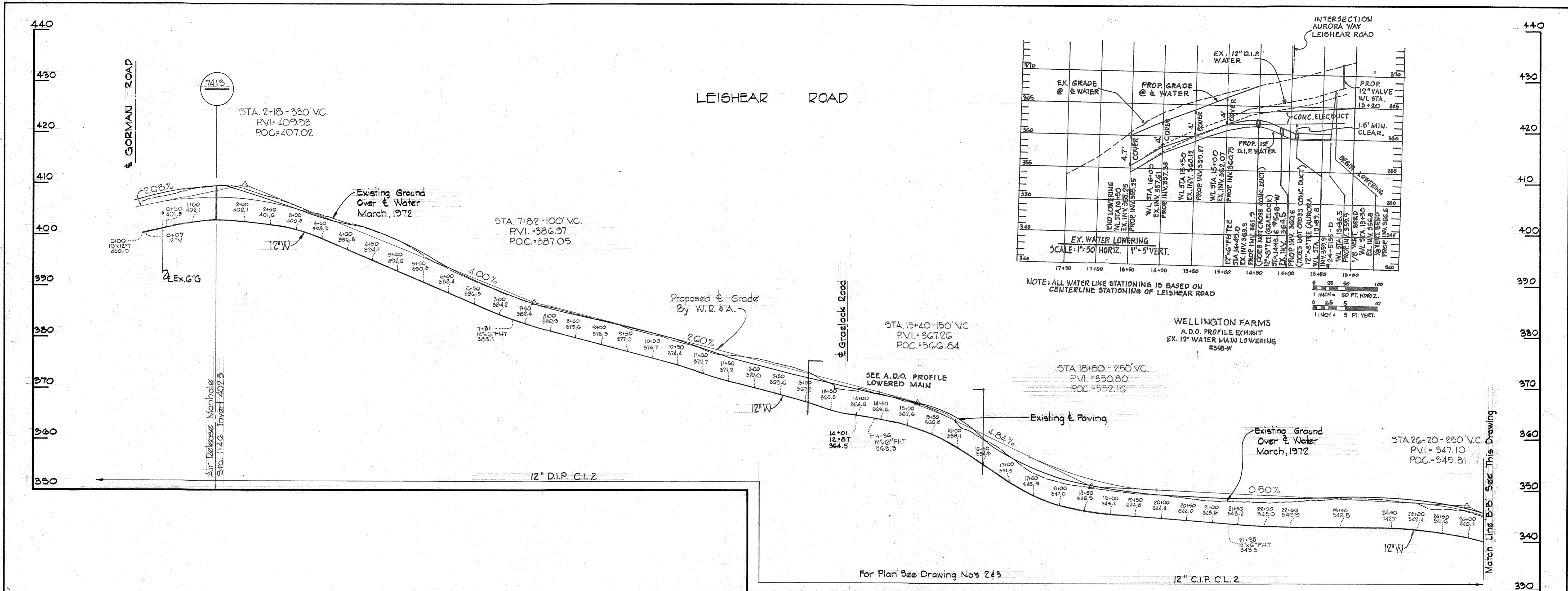
ELECTION DISTRICT
GUILFORD NO. 6

DRAWING NO. 7 OF 9
SCALE H=1"=100' V=1"=10'
NOV 13, 1974

W. O. 6601-2

AS BUILT

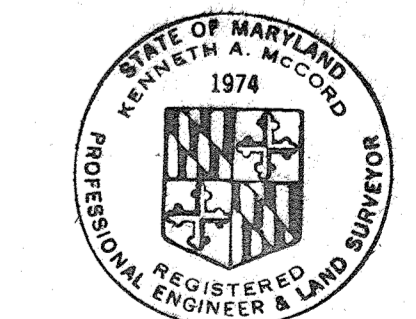
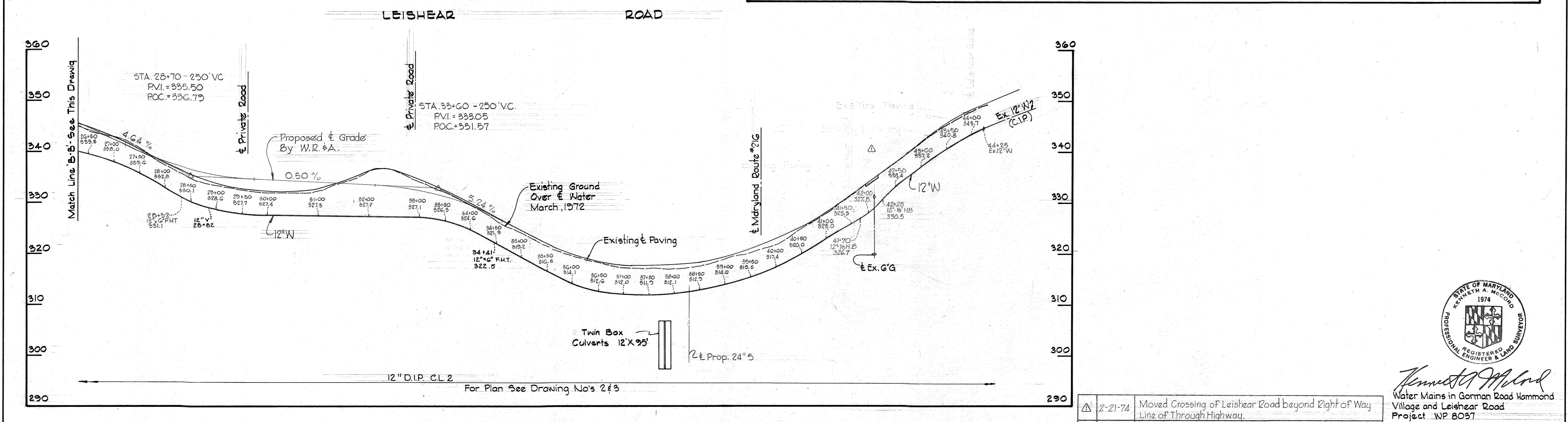
WS 548-W/7



NOTE: ALL WATER LINE STATIONING IS BASED ON CENTERLINE STATIONING OF LEISHEAR ROAD

SCALE: H=50' HORIZ. V=5' VERT.

1 INCH = 50 FT. HORIZ.
1 INCH = 5 FT. VERT.



Kenneth A. McCord
Water Mains in Gorman Road Hammond Village and Leishear Road
Project WP 8037
Contract No. 548-W

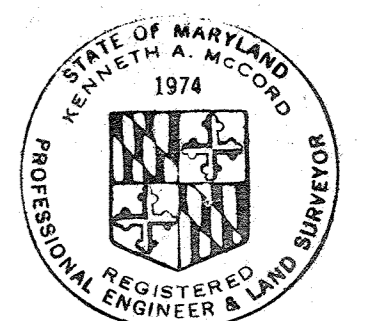
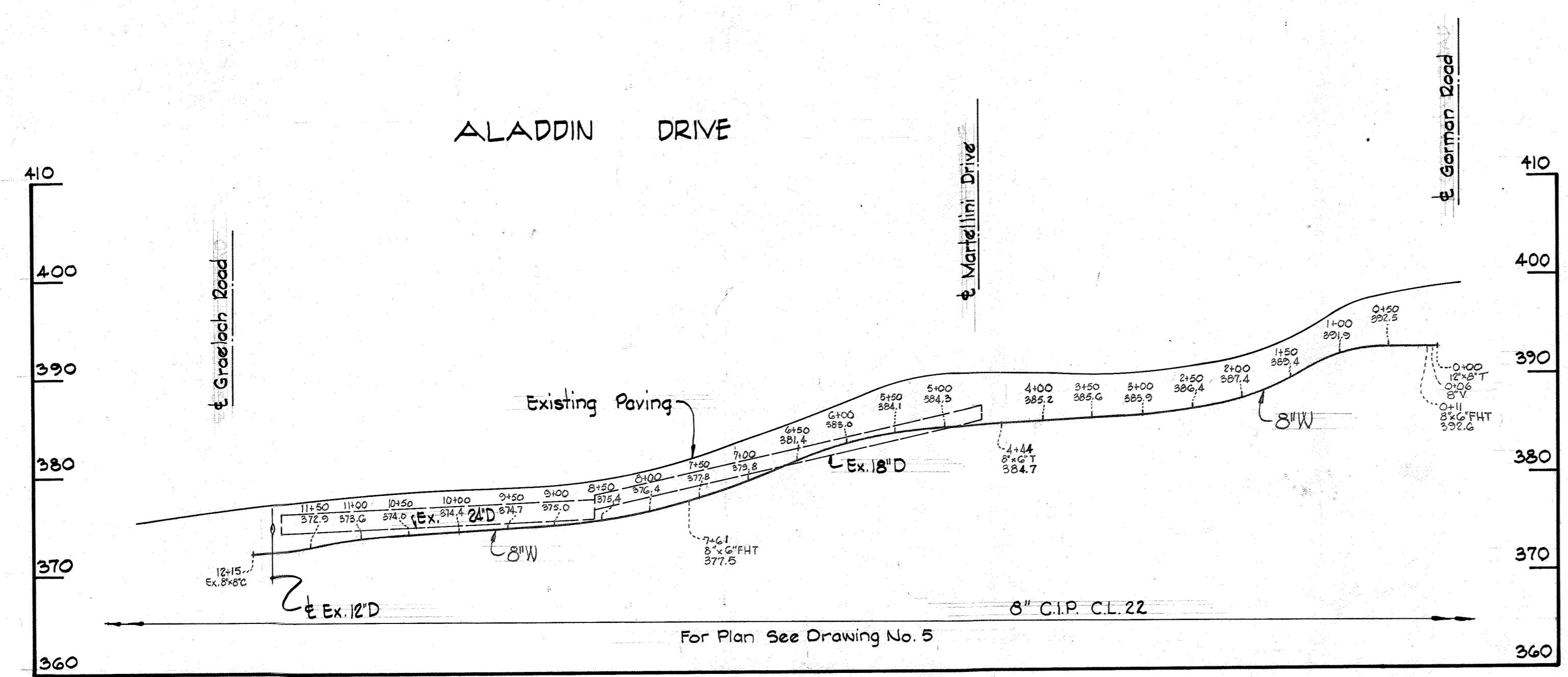
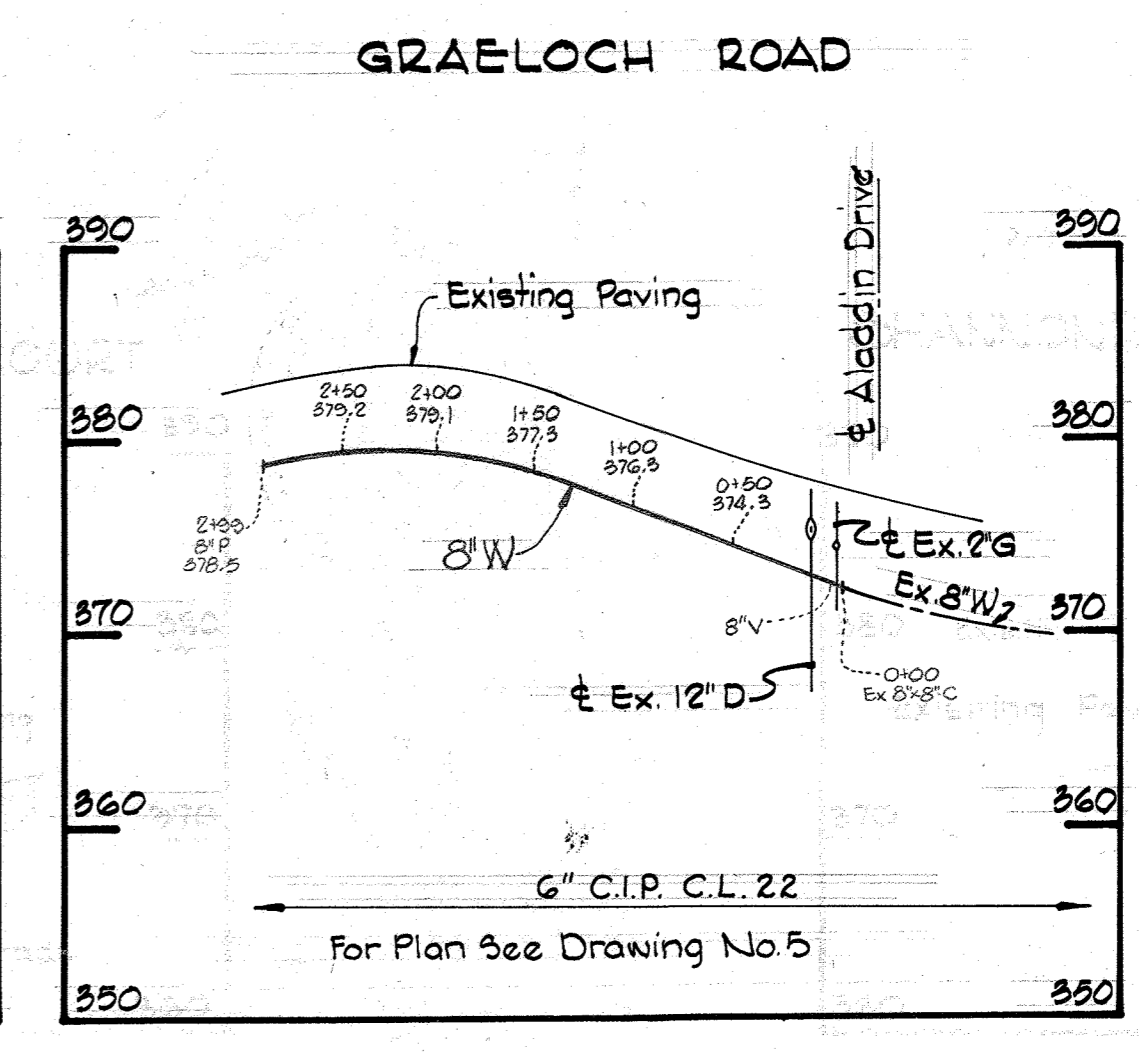
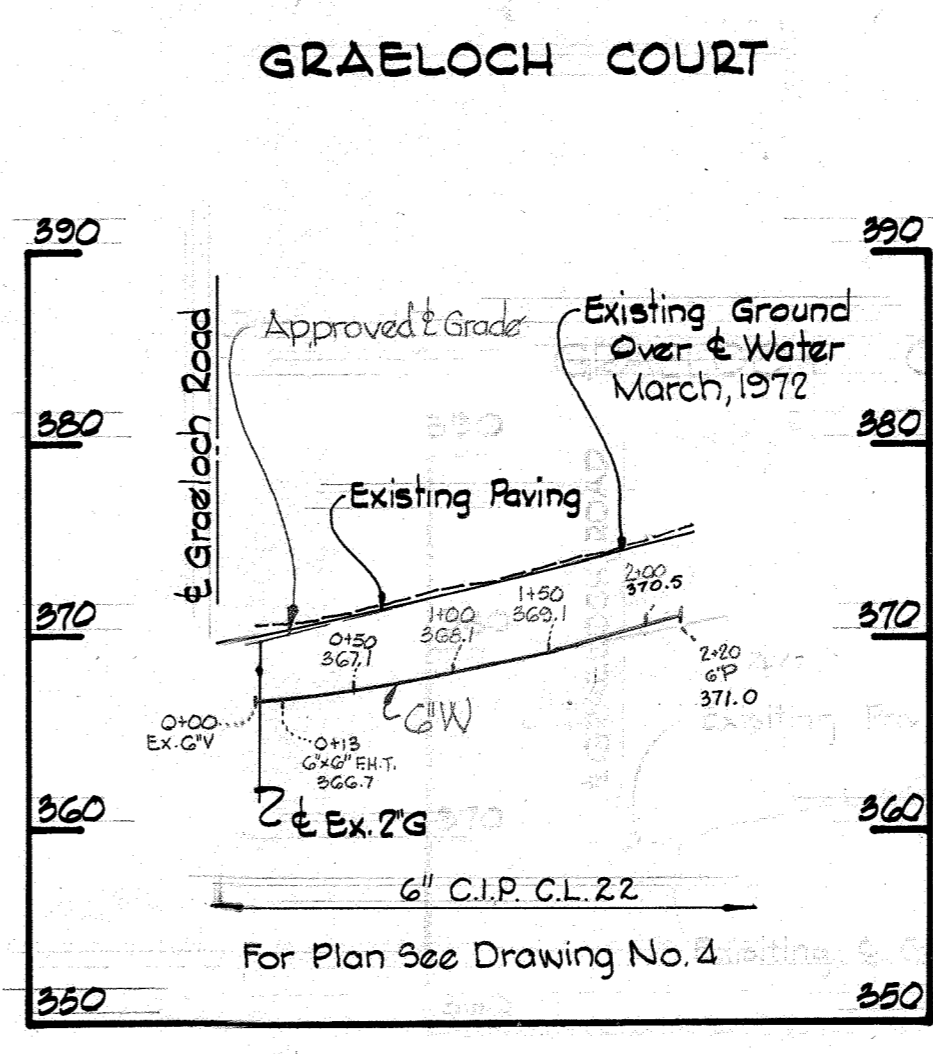
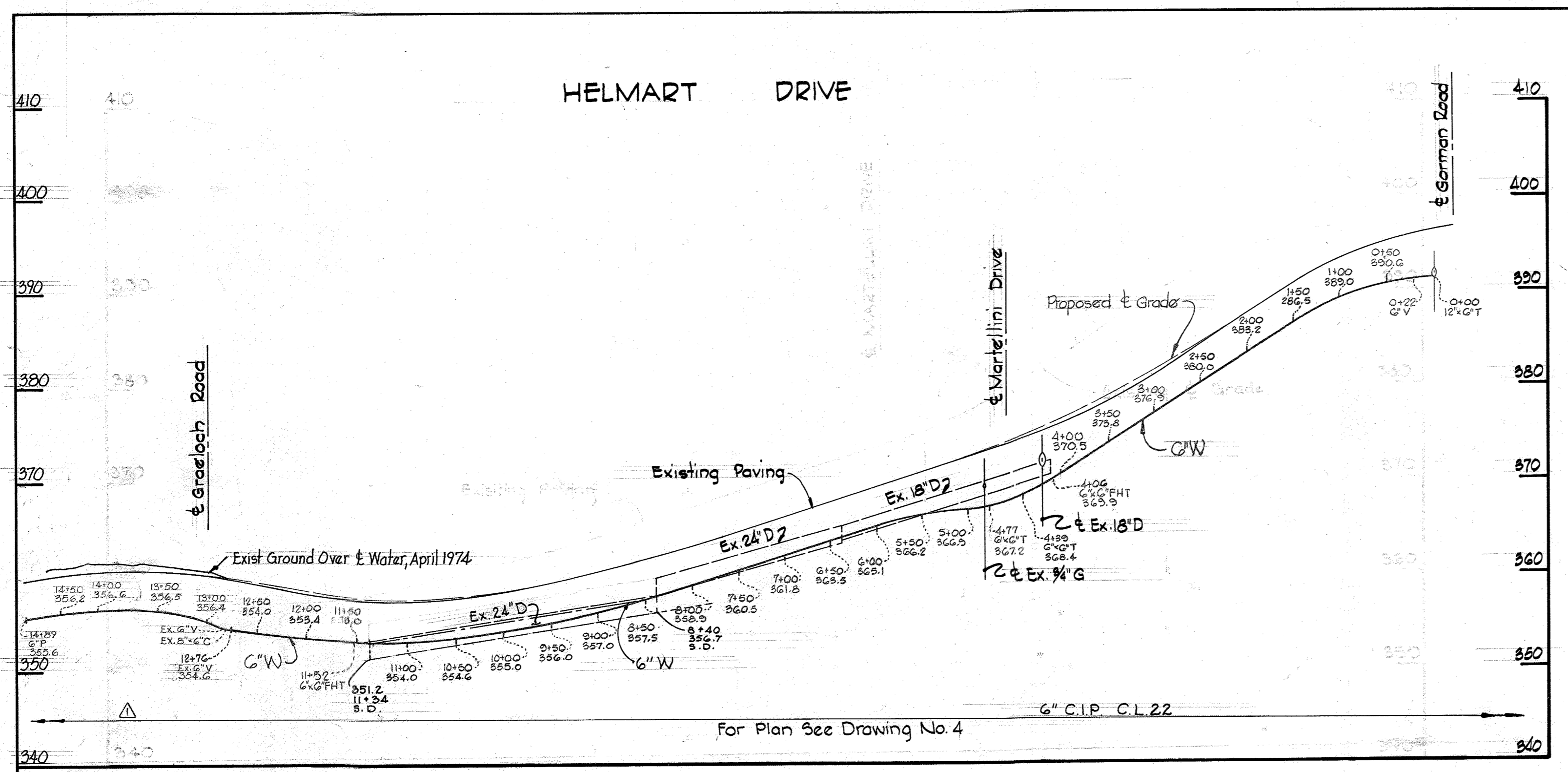
2-21-74	Moved Crossing of Leishear Road beyond Right of Way Line of Through Highway
No. 1	Date
	Revisions

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 <i>W. O. Gillett</i> CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PROFILE OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 8 OF 9 SCALE H=1"=100' V=1"=10' NOV. 13, 1974
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W. O. 6601-2

WS 548-W/8

BRUNING 44-510 18392



Kenneth A. McCord
 Water Mains in German Road, Hammond Village and Leishart Road
 Project W.P. 3037
 Contract No. 548-W

4-17-74	Extended 6" Water in Helmart Drive
No.	Date
	Revision

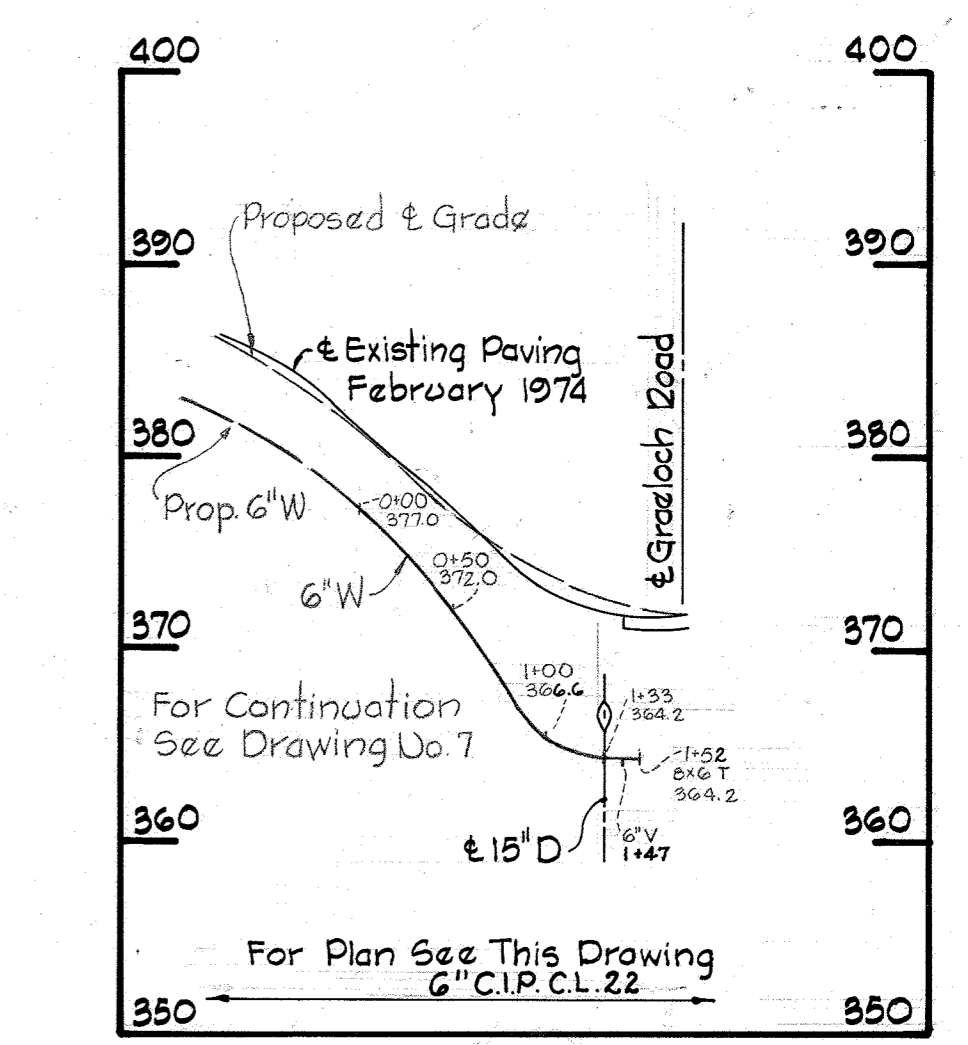
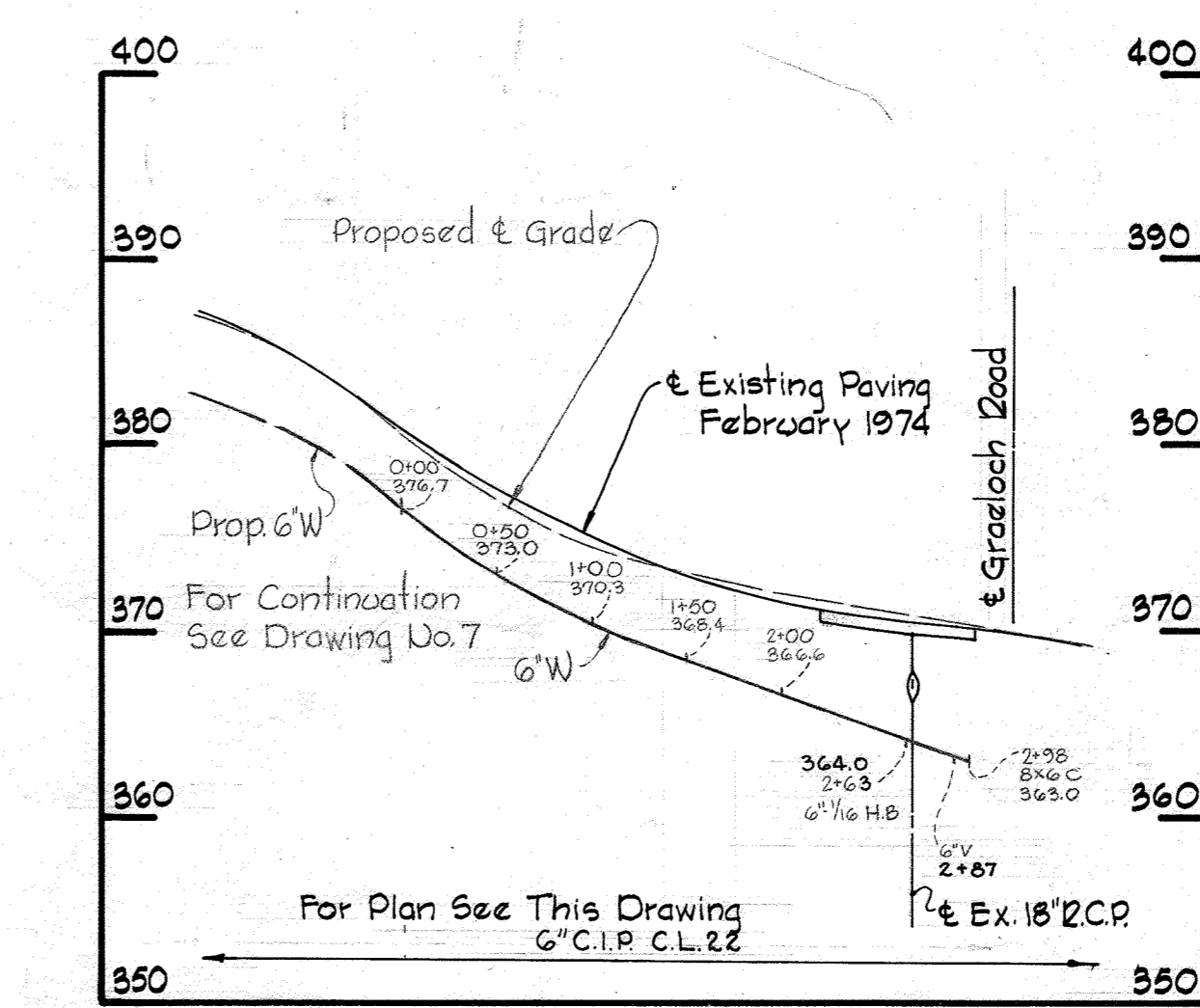
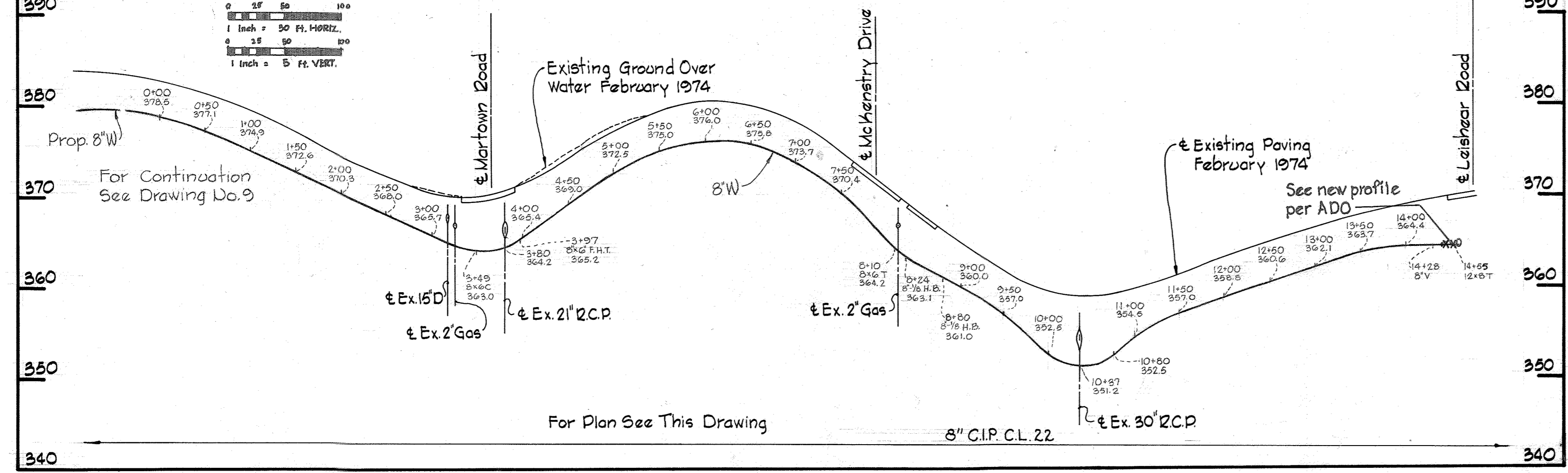
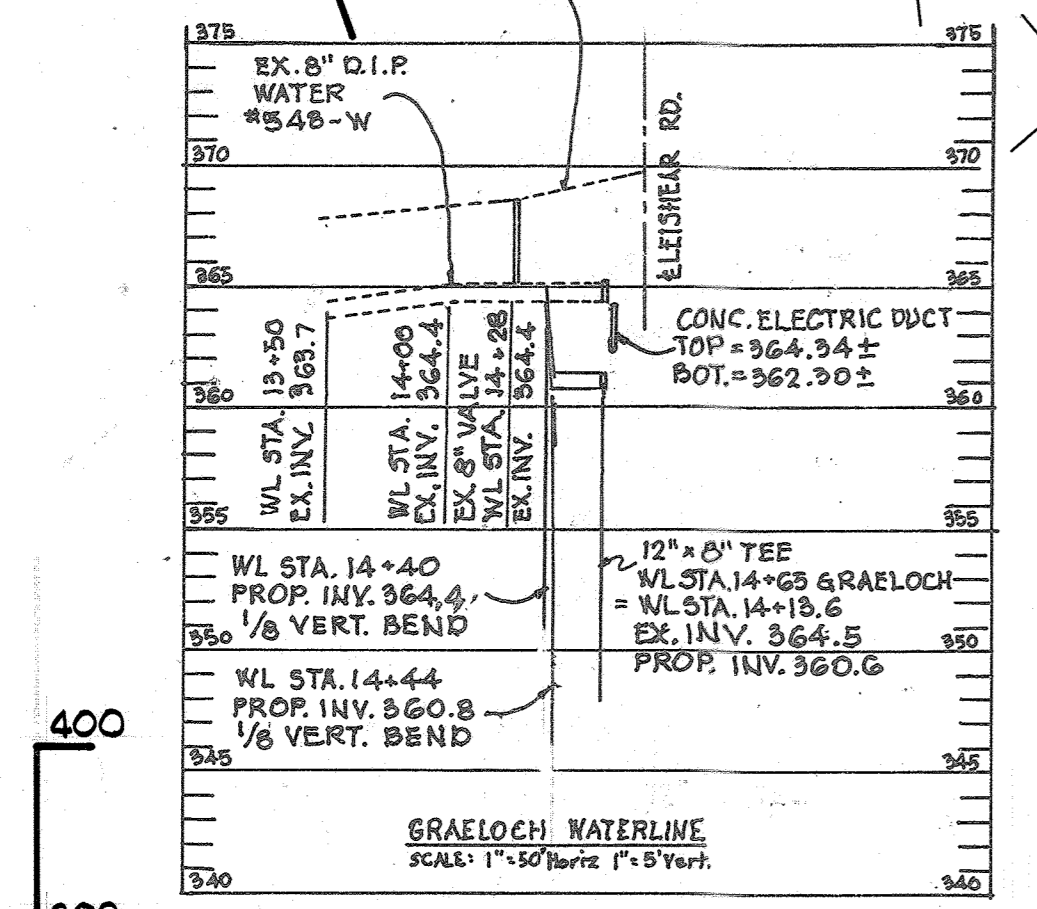
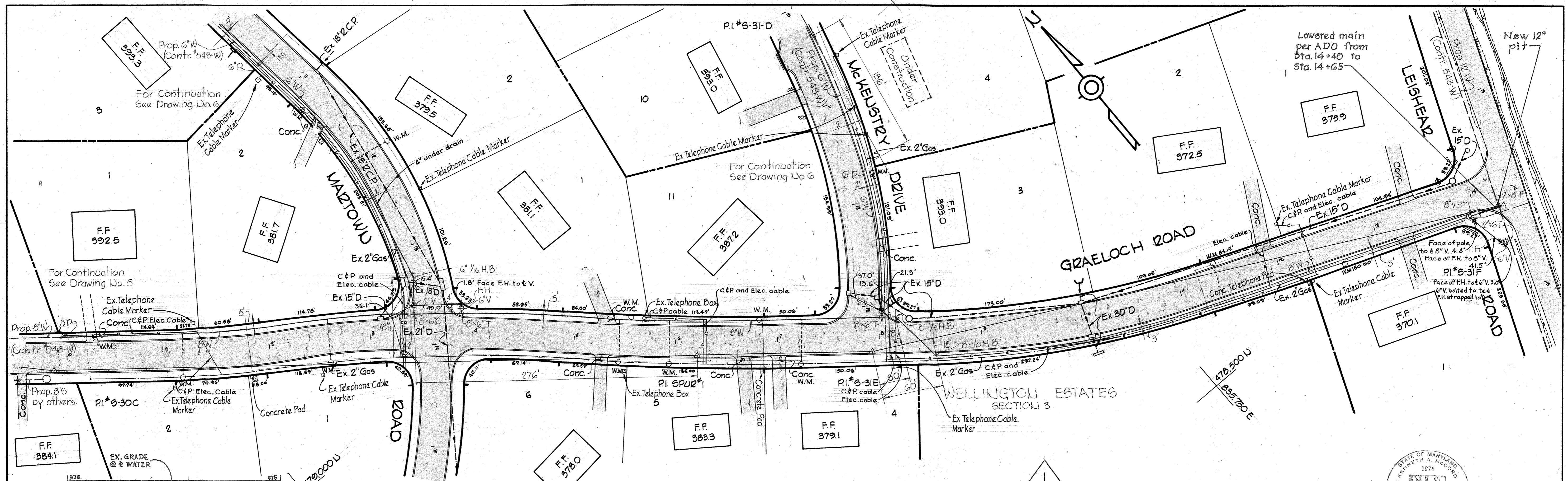
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 <i>W. O. Filbert</i> CHIEF BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PROFILE OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 9	SCALE H=1"=100'
					OF 9	V=1"=10'

W. O. GCOI-2

NOV 13, 1974

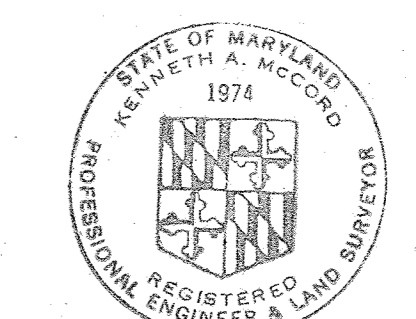
AS BUILT

WS 548-W/9



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

3-8-74	△	Added Water Mains in Grae Loch Road, Martown Road, and McKenstry Drive
Date	Revision No.	Remarks



Kenneth A. McCord

WS 548-w/19A

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-11-74 <i>W.O. Pilbert</i> CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PLAN AND PROFILE OF WATER MAIN	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 9A OF 9	SCALE AS SHOWN	479-(9) 478-(9)
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W. O. 6601-2 F.B.# 5553 Nov 13, 1974