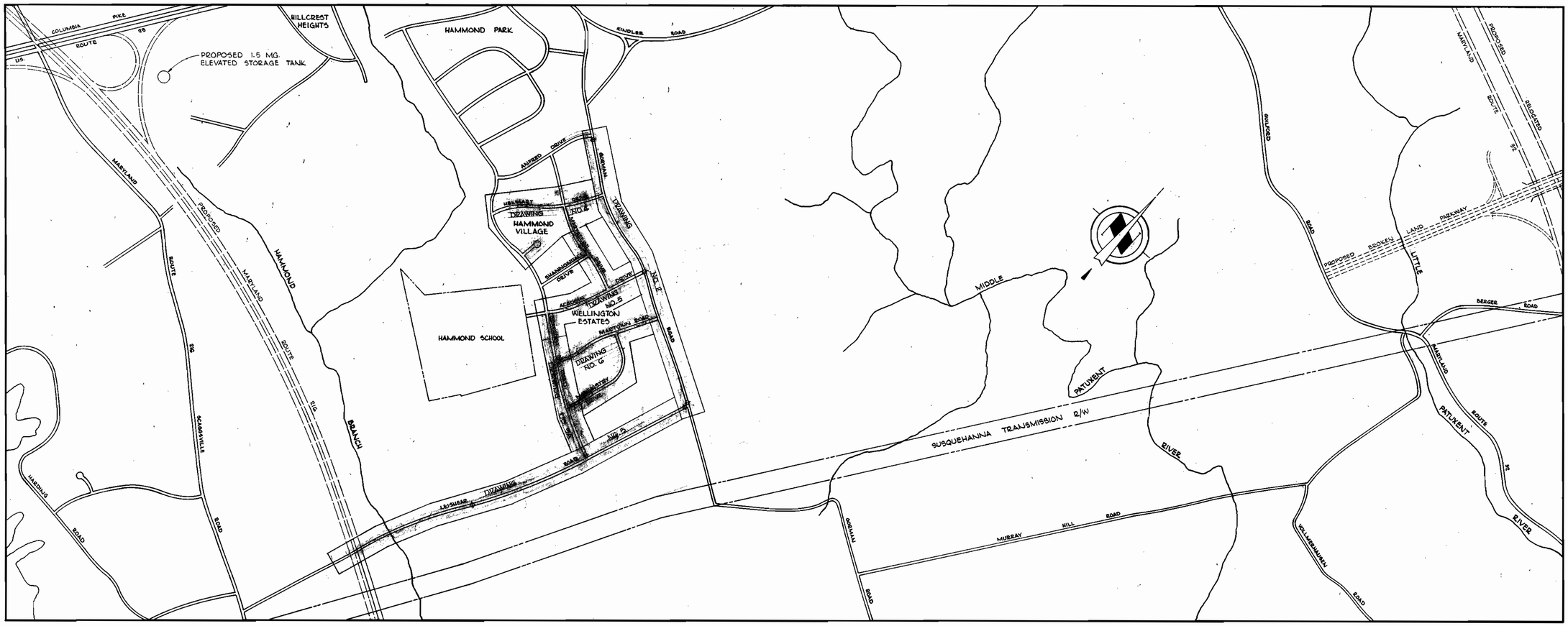


PROJECT NO. WP 8037

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
F.B. # 5486
F.H.'s - Smith

STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Kenneth A. McCord

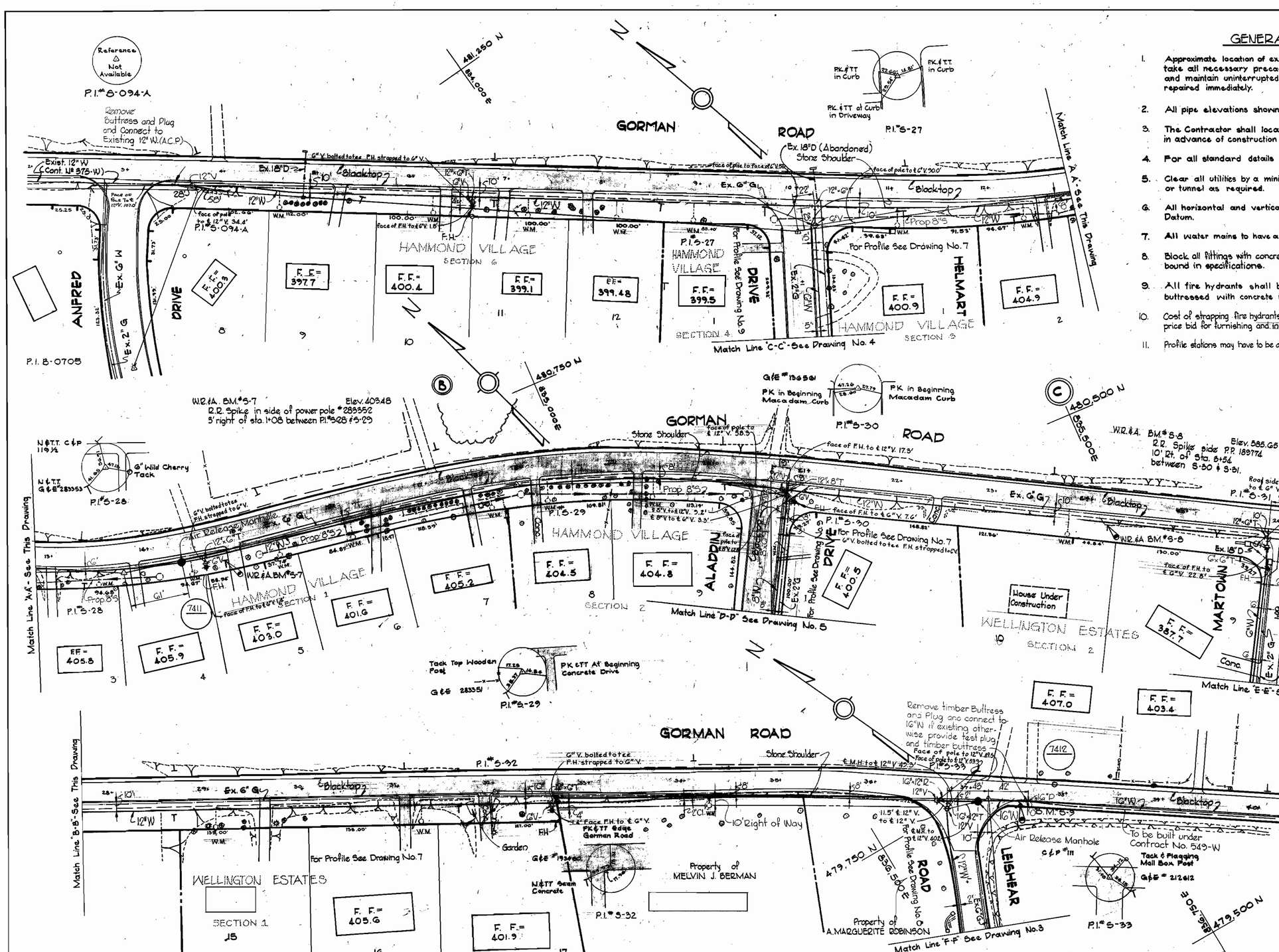
Water Mains in Gorman Road,
Hammond Village and Leishear Road
Project No. W.P. 8037
Contract No. 548-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — W O Filbert 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'

W. O. 6601-2

NOV. 13, 1974 AS BUILT

WS 548-W/1



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 3½' 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.

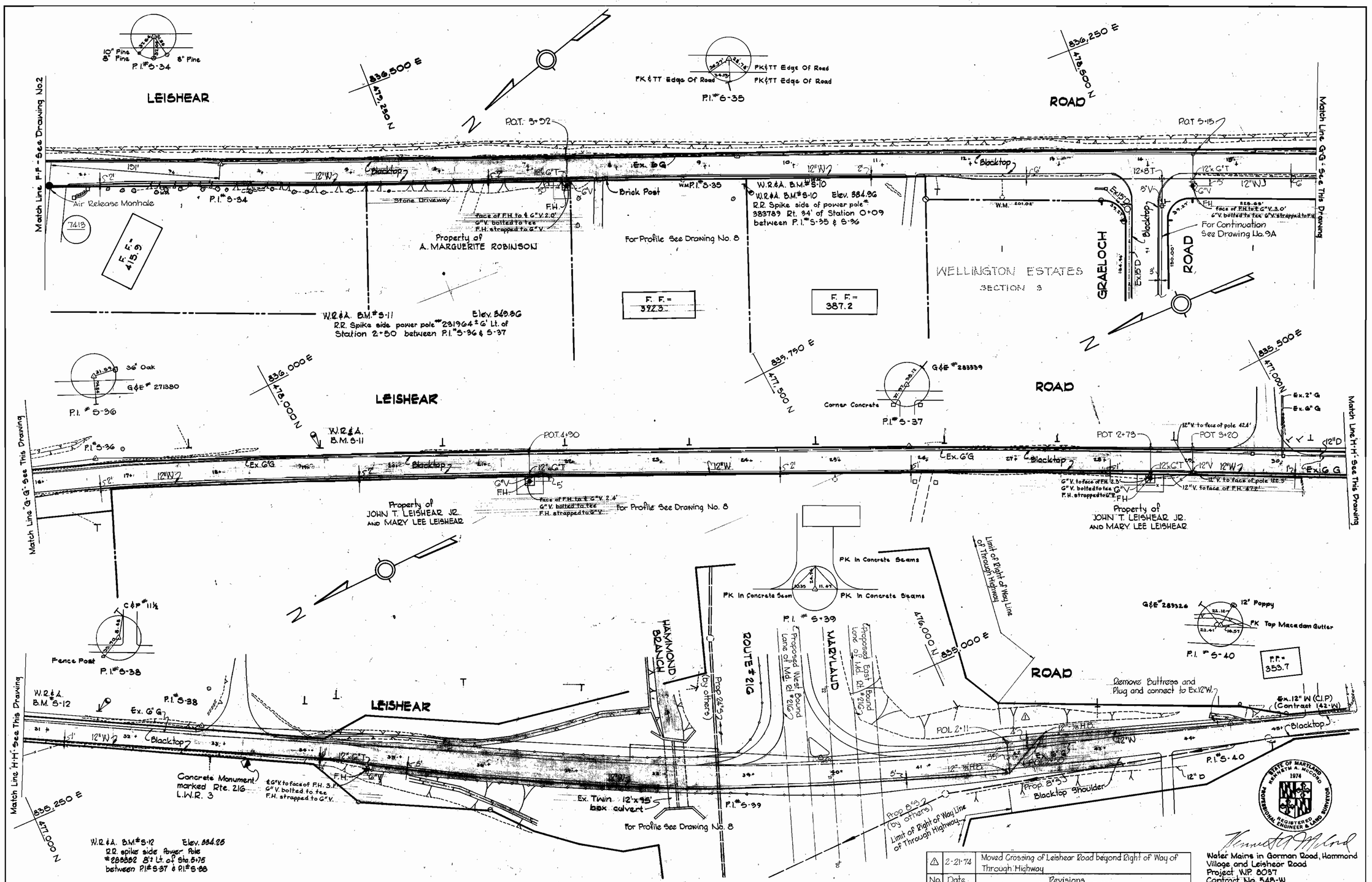
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — W O Filbert CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 548-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 2 OF 9	SCALE 1" = 50'

W.O. 6601-2

FB#5239

NOV. 13, 1974 AS BUILT

WS 548-W/2



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

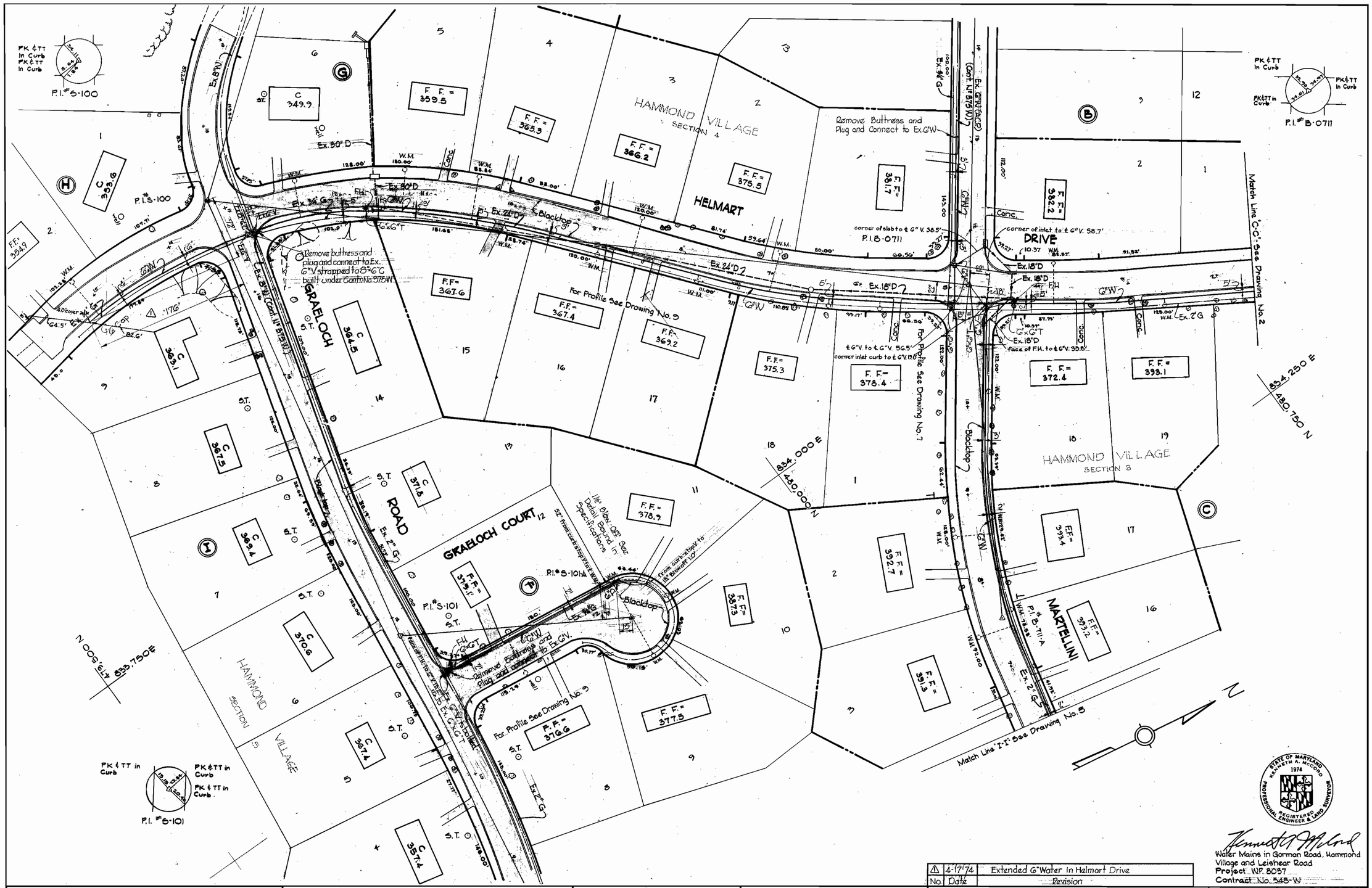
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE W O Filbert CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 548-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 3 OF 9	SCALE 1"=50'

W. O. 6601-2

FB# 5165 NOV 13, 1974

AS BUILT

WS 548-W/3



STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Kenneth A. McCord

Water Mains in Gorman Road, Hammond Village and Leishear Road
Project WP. 8057
Contract No. 548-W

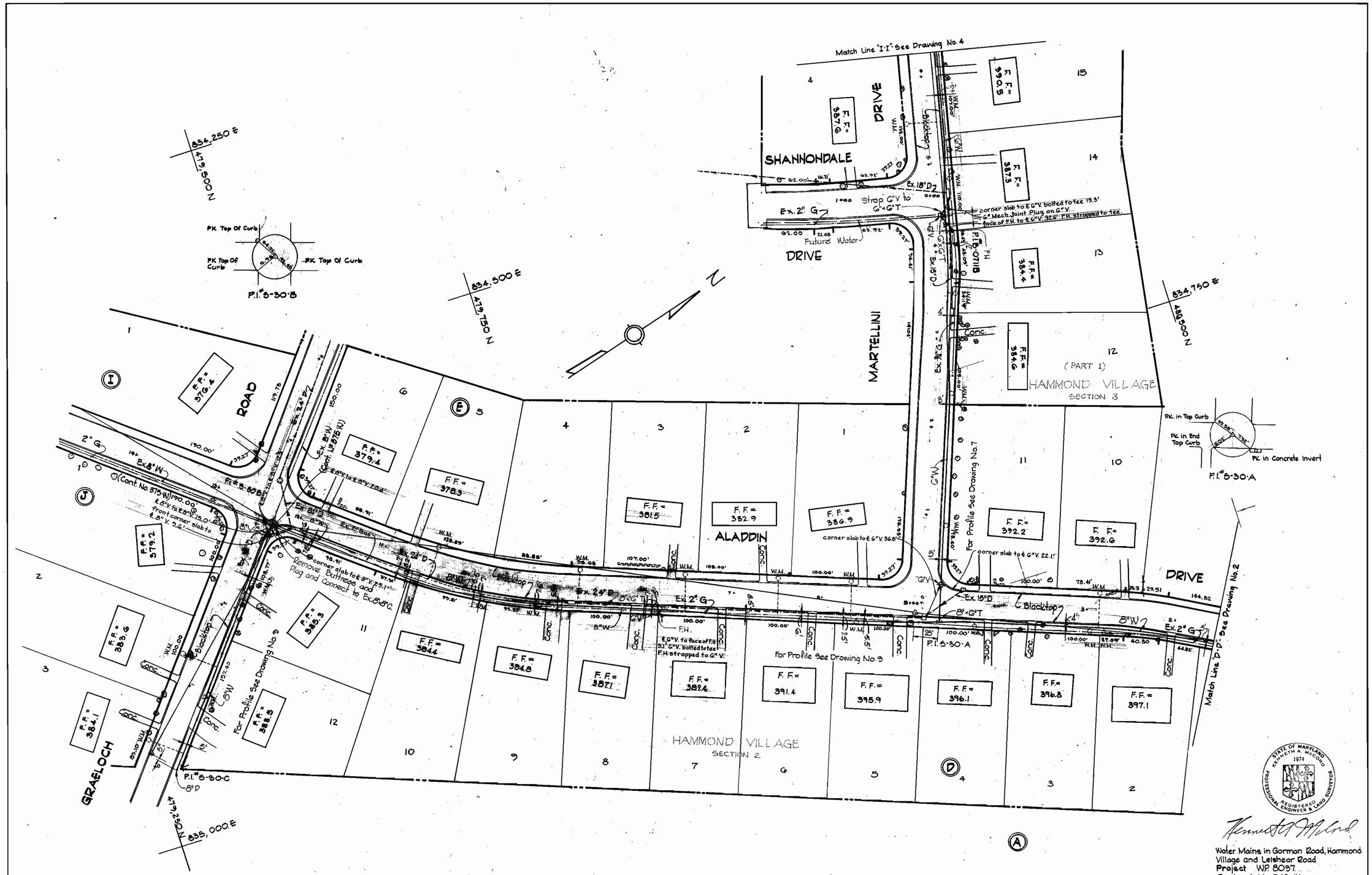
No.	Date	Revision
1	4-17-74	Extended 6" Water in Helmart Drive

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PLAN OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 4 OF 9	SCALE 1" = 50'	460 - (10) 474 - (10) 480 - (477) 479 - (477)

W. O. GG01-2

F.B. # 5193 NOV. 13, 1974 AS BUILT

WS 548-W/4



Water Mains in Gorman Road, Hammond Village and Leishear Road
Project W.P. 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 — 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'	479-(10) 480-(10) 480-(9) 479-(9)

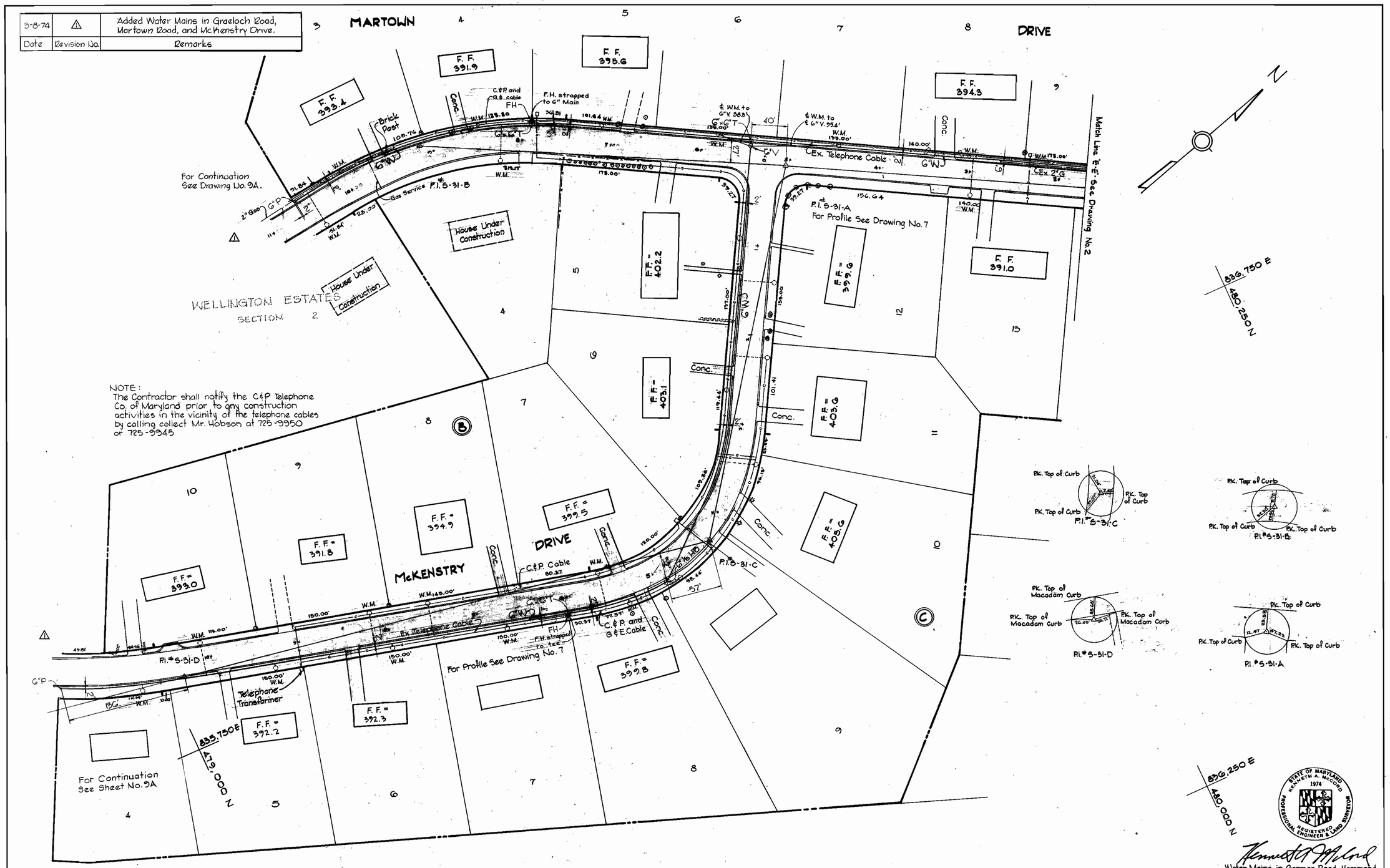
W. O. GG01-2

F.B. 5193

Nov. 13, 1974 AS BUILT

WS 548-W/S

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



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

STATE OF MARYLAND
KENNETH A. McCORD
1974
REGISTERED ENGINEER & LAND SURVEYOR
PROFESSIONAL

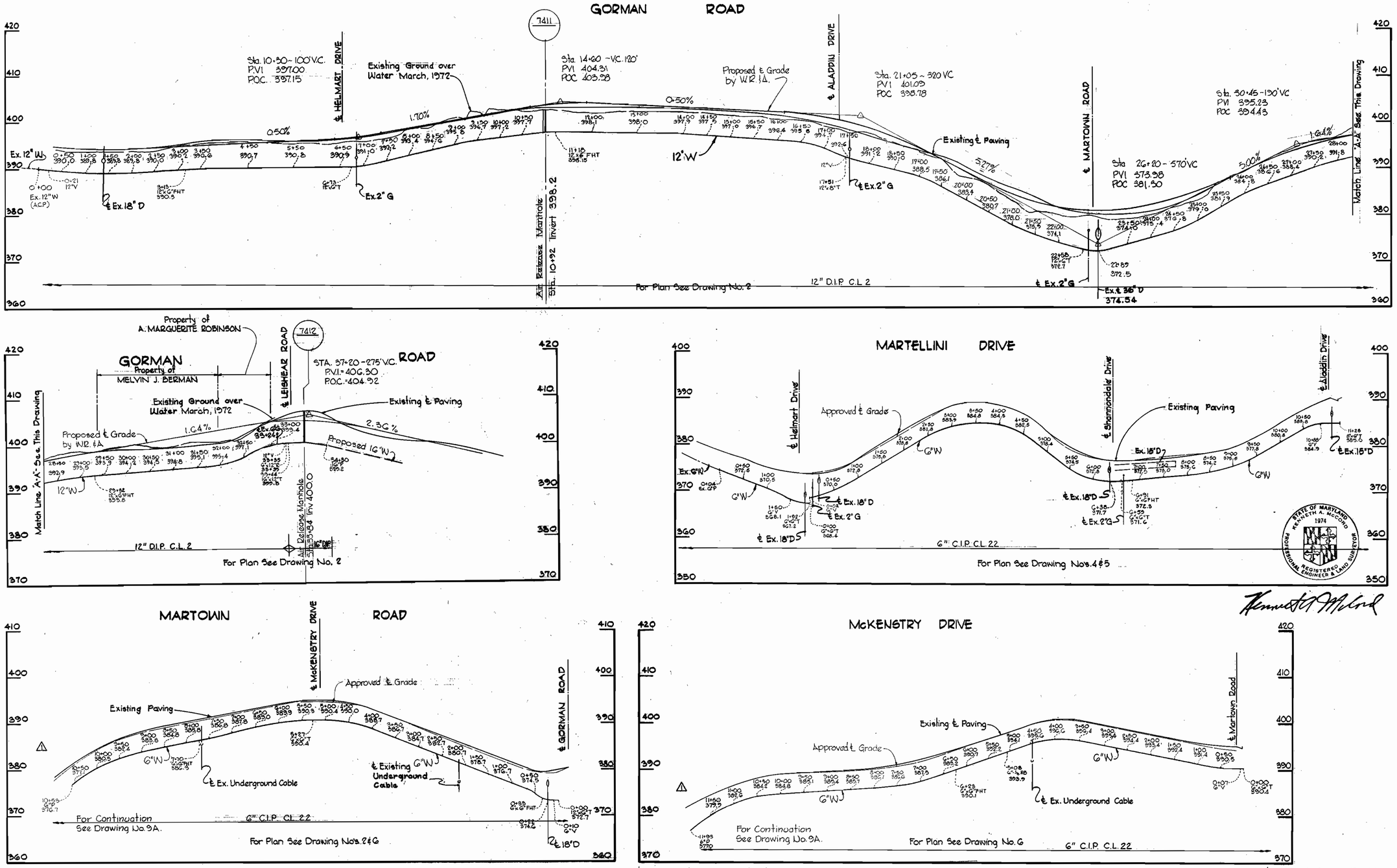
Water Mains in Gorman Road, Hammond Village and Leishear Road
Project W.P. 8037
Contract No. 548-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — 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'	479-(9) 480-(9)

W. O. GG01-2

F.B. # 5193 Nov 13, 1974 AS BUILT

WS 548-W/6



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

Water Mains in Gorman Road, Hammond Village and Leishear Road.
Project WP 8057
Contract No. 548-W

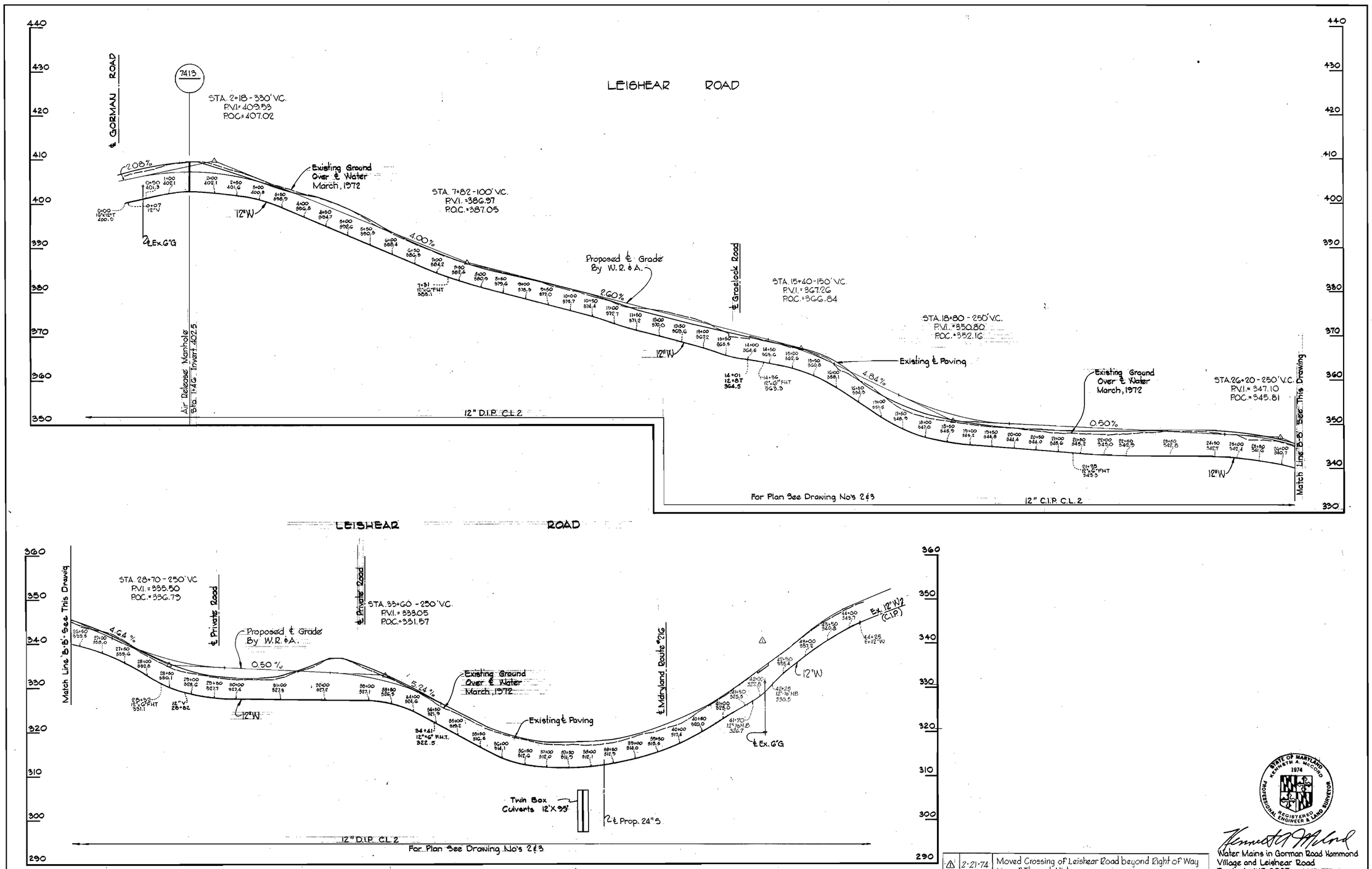
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PROFILE OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 7 OF 9	SCALE H=1" 100' V=1" 10'

W. O. GG01-2

NOV 13, 1974

AS BUILT

WS 548-W/7



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

STATE OF MARYLAND — KENNETH A. McCORD — 1974 — REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

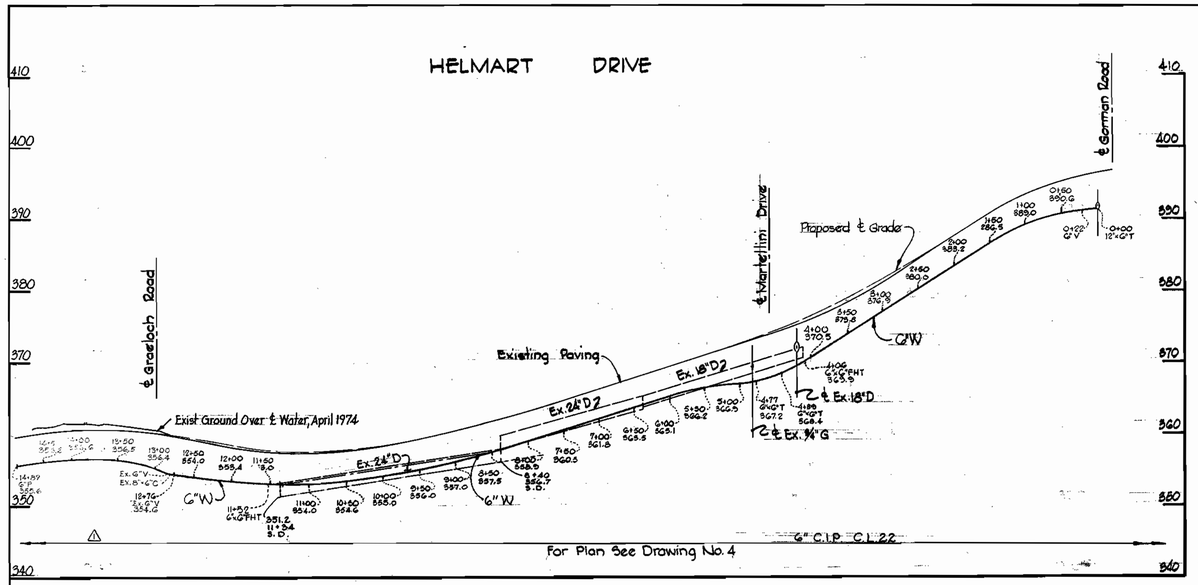
Water Mains in Gorman Road Yommond Village and Leishear Road
Project WP 8037
Contract No. 548-W

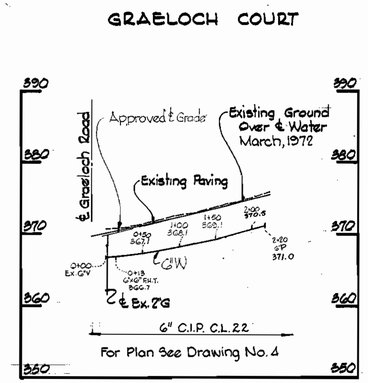
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE — CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PROFILE OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 8 OF 9 — SCALE H=1"=100' V=1"=10'

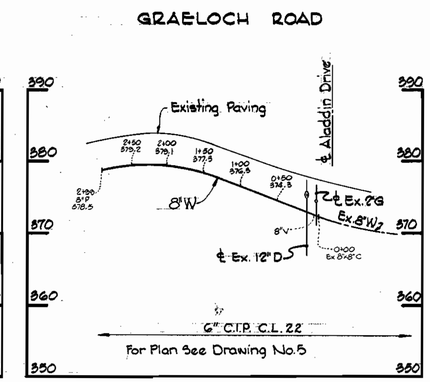
W. O. 6601-2

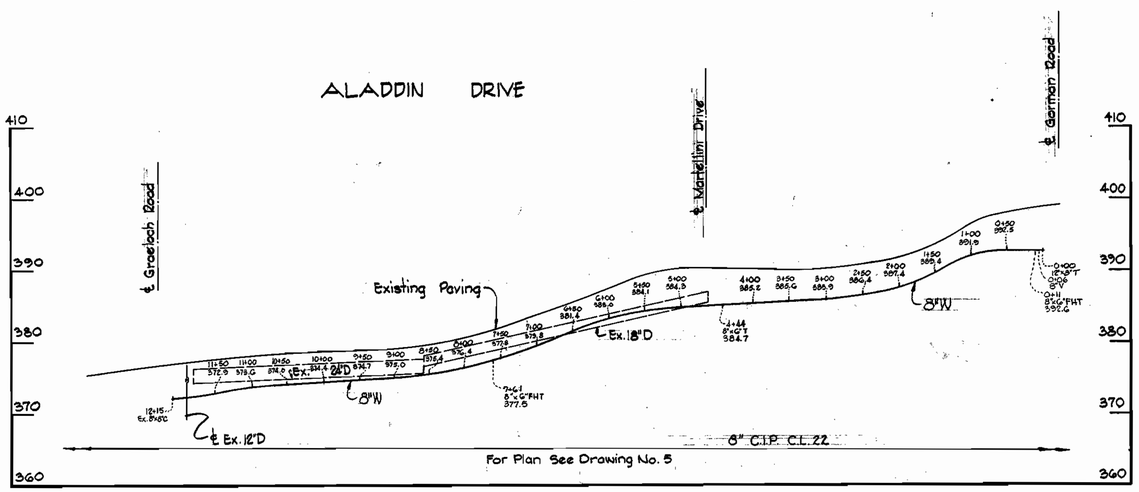
NOV. 13, 1974 — AS BUILT

WS 548-W/8









No.	Date	Division
1	4-17-74	Extended 6" Water in Helmart Drive

Water Mains in Gorman Road, Hammond Village and Leishear Road
Project W.P. 8037
Contract No. 548-W

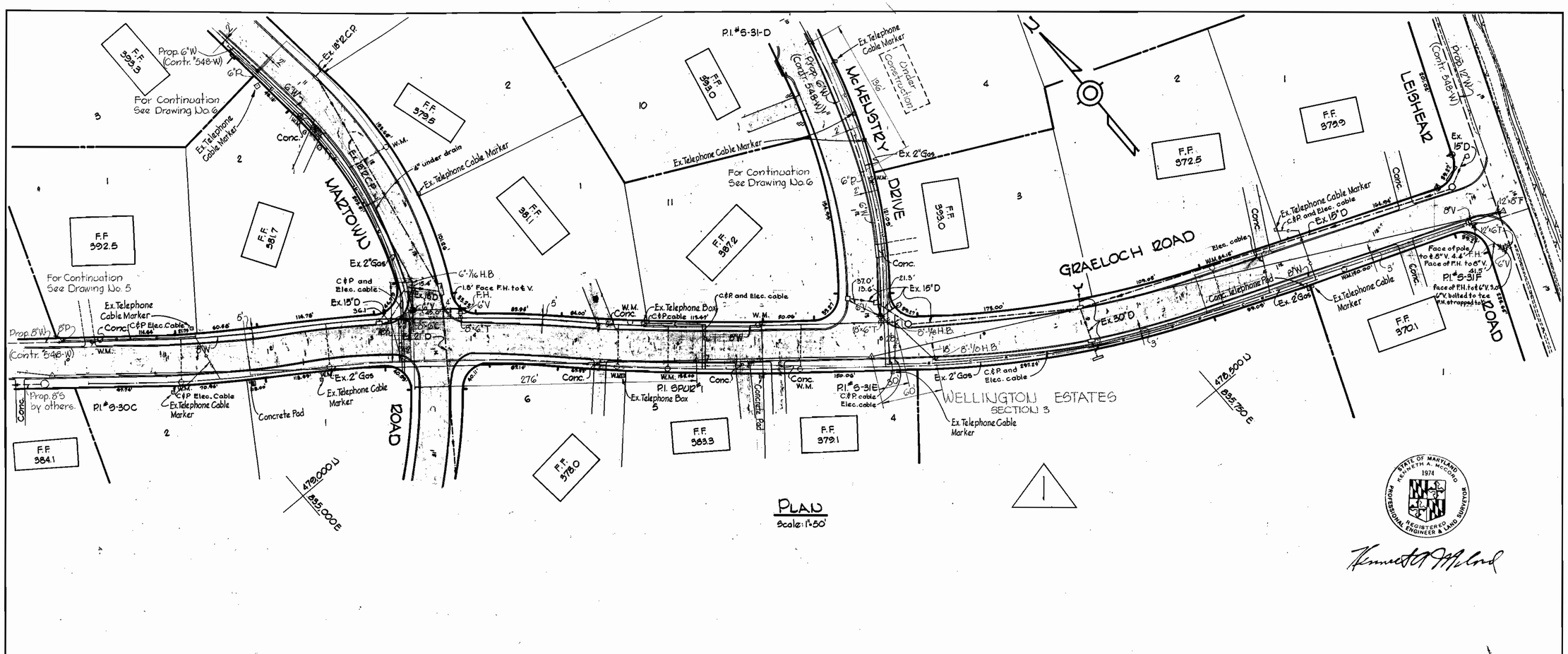
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-30-73 DATE W O Fullwood CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 548-W	PROFILE OF WATER MAINS	ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 9 OF 9	SCALE H=1"=100' V=1"=10'

W. O. 6601-2

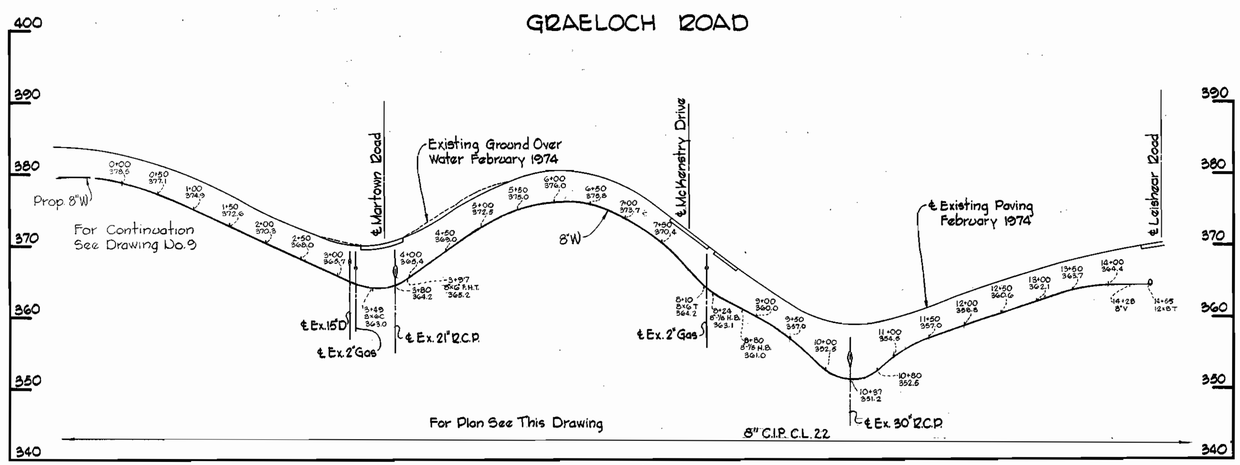
NOV 13, 1974

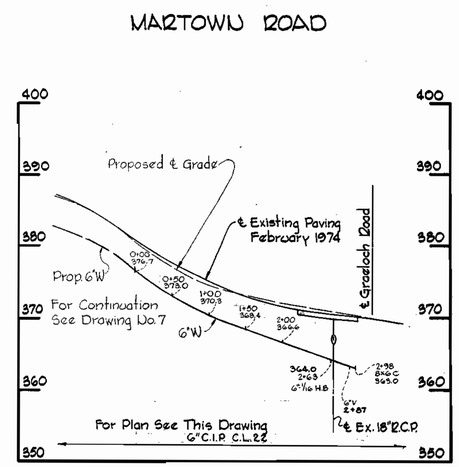
AS BUILT

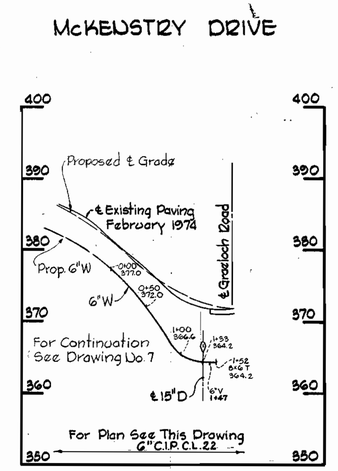
6/m-548 SM



PLAN
Scale: 1"=50'







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

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

STATE OF MARYLAND — KENNETH A. McCORD — 1974 — REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR

Kenneth A. McCord

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 3-11-74 DATE — W. O. Filbert 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)

W. O. 6601-2

F.B. # 5553 Nov 13, 1974

WS 548-W/9A