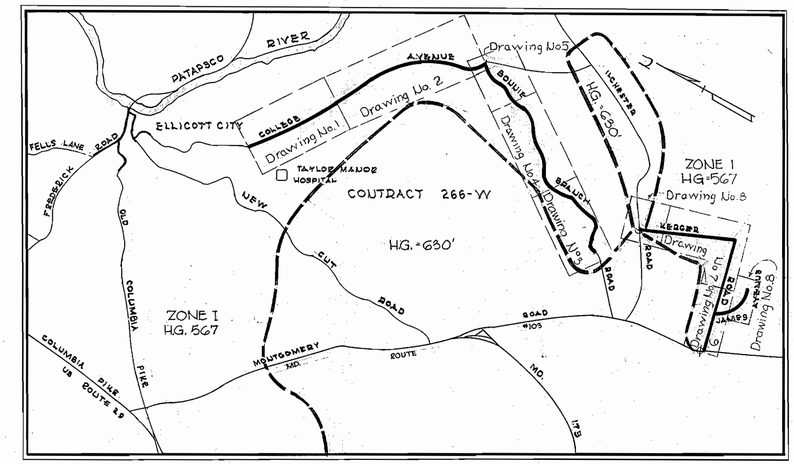
GENERAL NOTES

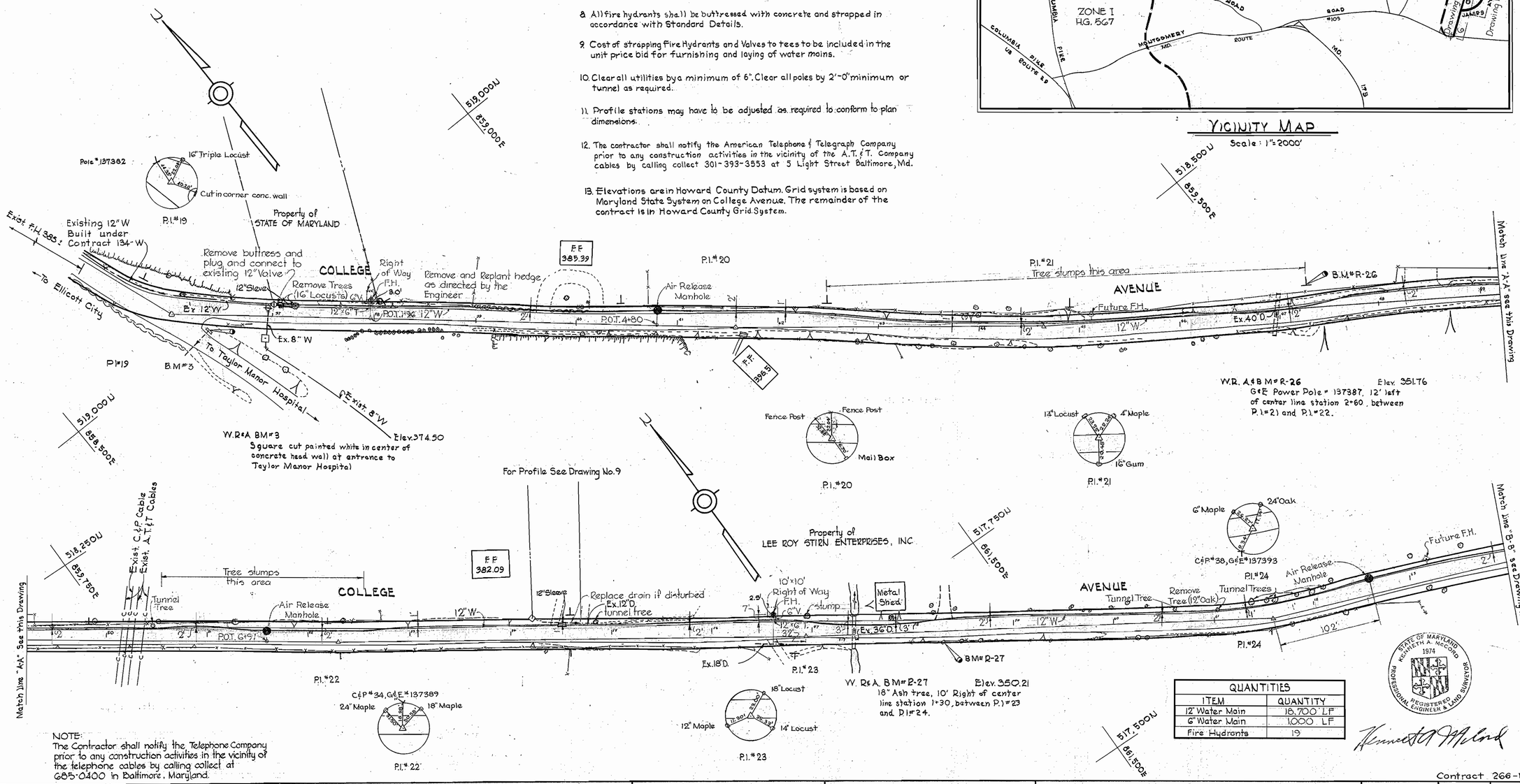
1. Approximate locations of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert ⌀ Elevations.
3. The contractor 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. All water mains to be C.I.P. or D.I.P. and have a minimum of 3½' cover.
6. Block all fittings with concrete see standard details bound in Specifications.
7. Bury line elevations on fire hydrants shall be set the same as edge of existing paving, top of curb, or as directed by the engineer in the field.
8. All fire hydrants shall be buttressed with concrete and strapped in accordance with Standard Details.
9. Cost of strapping Fire Hydrants and Valves to tees to be included in the unit price bid for furnishing and laying of water mains.
10. Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required.
11. Profile stations may have to be adjusted as required to conform to plan dimensions.
12. The contractor shall notify the American Telephone & Telegraph Company prior to any construction activities in the vicinity of the A.T. & T. Company cables by calling collect 301-393-3553 at 5 Light Street Baltimore, Md.
13. Elevations are in Howard County Datum. Grid system is based on Maryland State System on College Avenue. The remainder of the contract is in Howard County Grid System.
14. Cost of Grouted Rip Rap to be included in the unit price bid for furnishing and laying of water mains.
15. Contractor shall remove trees as indicated and stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for excavation and backfill for water mains.

12" US.C.I.P. used CL. 23 & 25
Pre-Cast A.R. Mh's used
STAKEOUT in F.B. # 4405
DIARY #1 in F.B. # 4405
DIARY #2 in F.B. # 4443



VICINITY MAP

Scale: 1"=2000'



NOTE:
The Contractor shall notify the Telephone Company prior to any construction activities in the vicinity of the telephone cables by calling collect at 685-0400 in Baltimore, Maryland.

QUANTITIES	
ITEM	QUANTITY
12" Water Main	16,700' LF
6" Water Main	1,000 LF
Fire Hydrants	19

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

Kenneth A. McCord

Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 DATE — W O Filbert CHIEF ENGINEER	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 1 OF 11	SCALE 1" = 50'

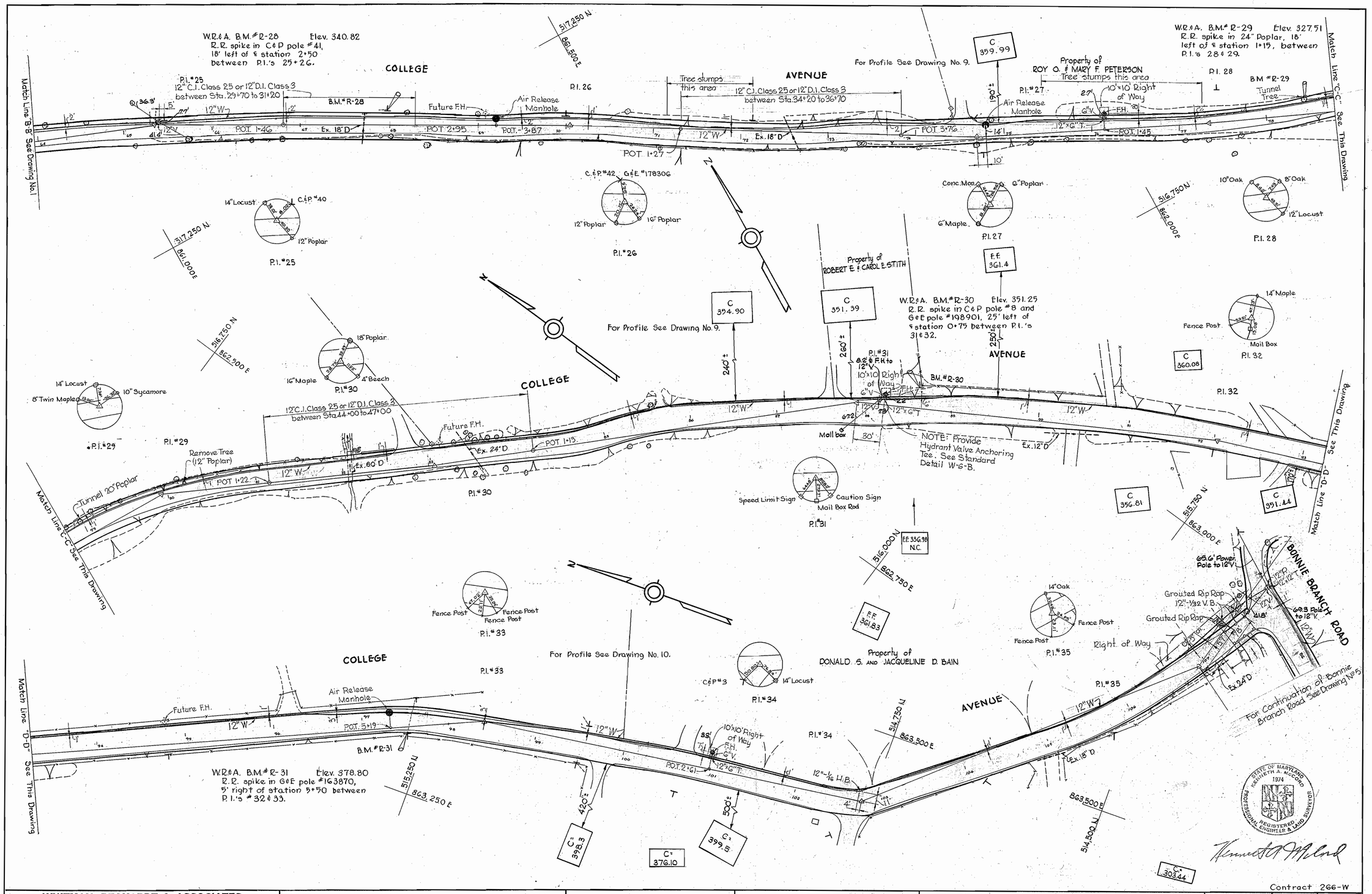
W. O. 6021-2

AS BUILT JAN. 28, 1970 F.B. 4200, 4222, 3024

266-W/1

W.S.

K. ELLIOTT CO., PGH., PA. RE. ROER A-21890

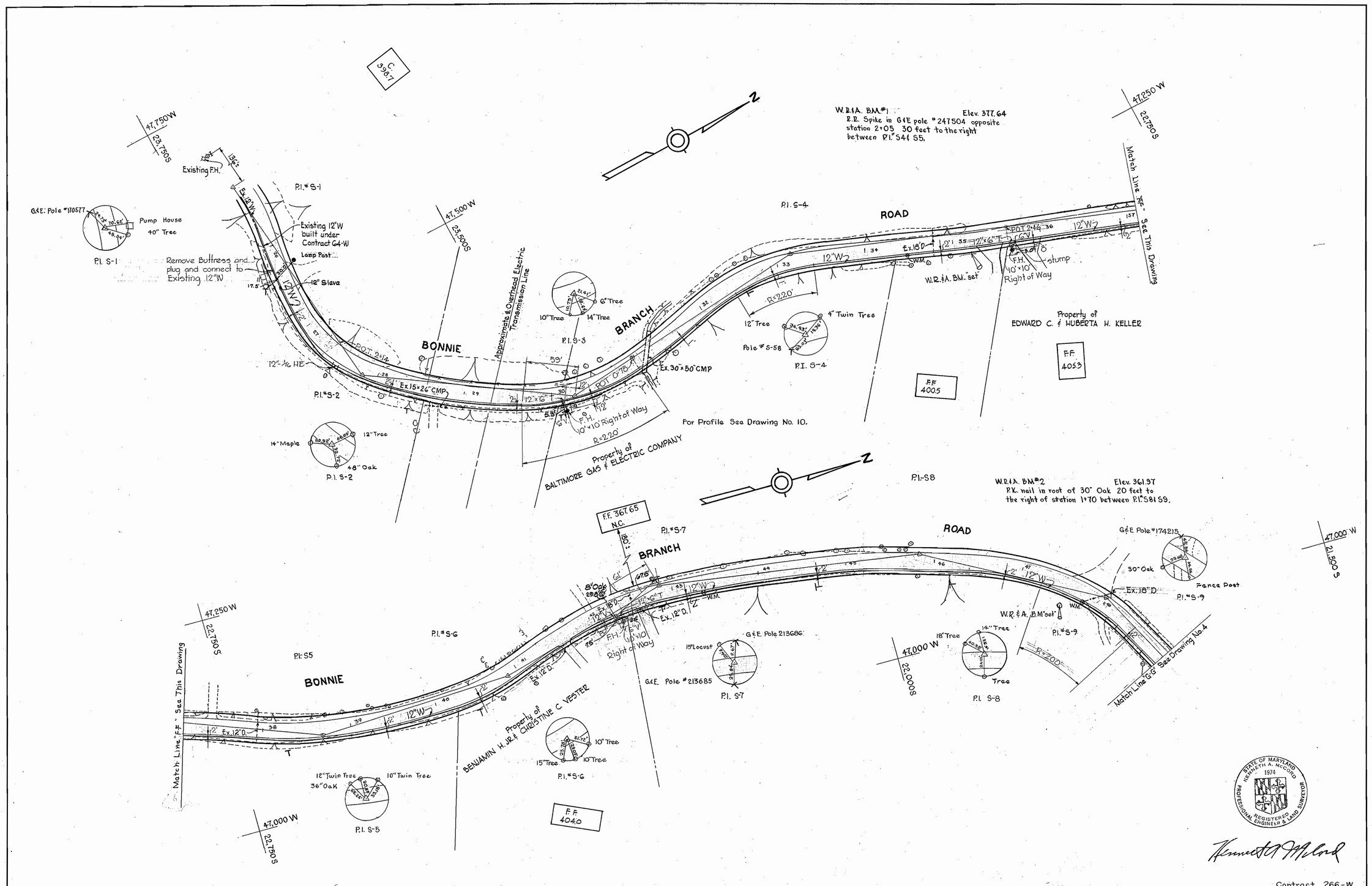


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 2 OF 11	SCALE 1" = 50'

W. O. 6021-2

JAN. 28, 1970 AS BUILT

WS 266-W/2



Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) — W O Falbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 3 OF 11	SCALE 1" = 50'

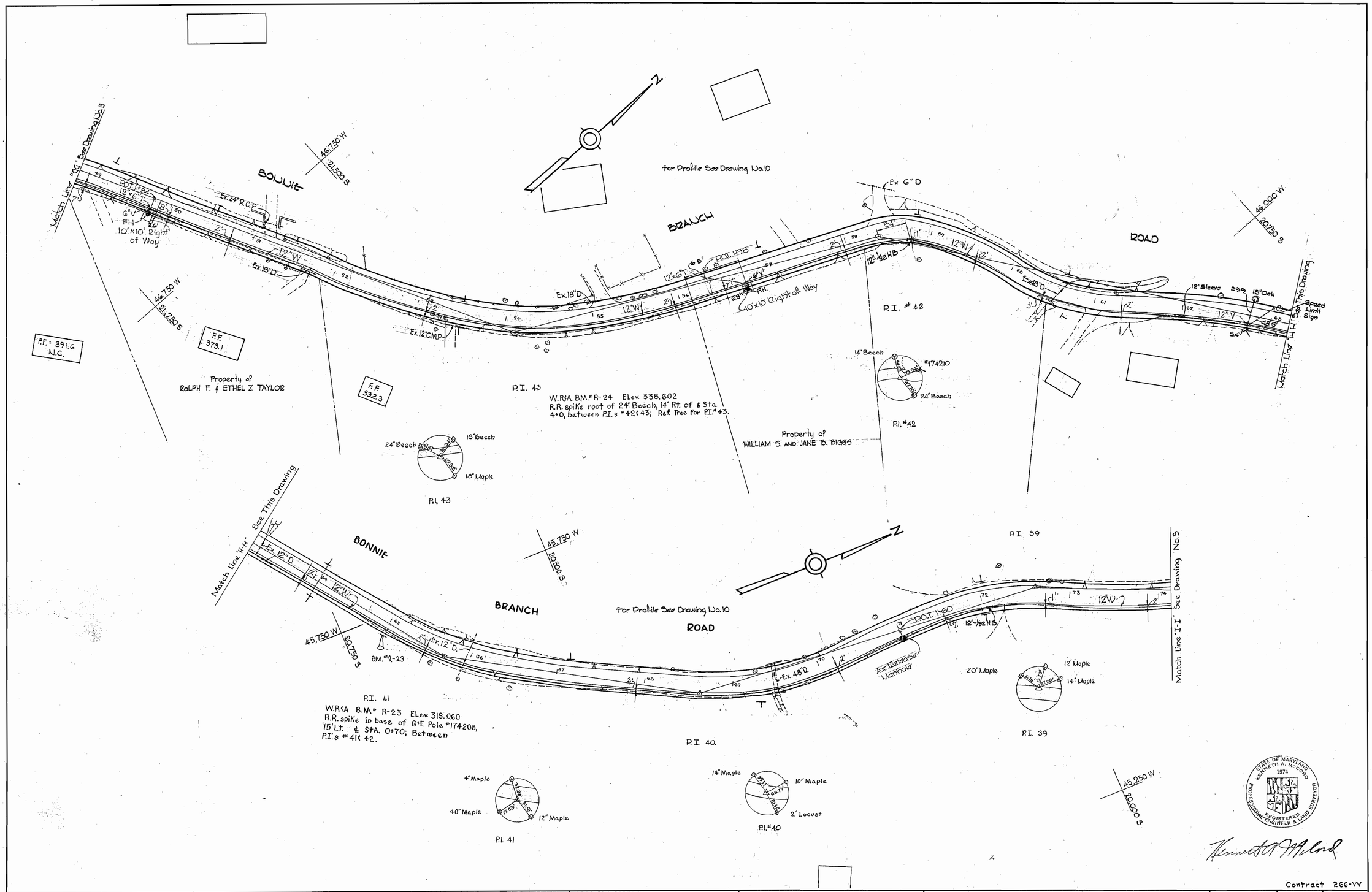
W. O. 6021-2

AS BUILT JAN. 28, 1970

F.B. 4200 2024

K. ELLIOTT CO., PGH., PA. RE ORDER A-21890

WS 266-W/3



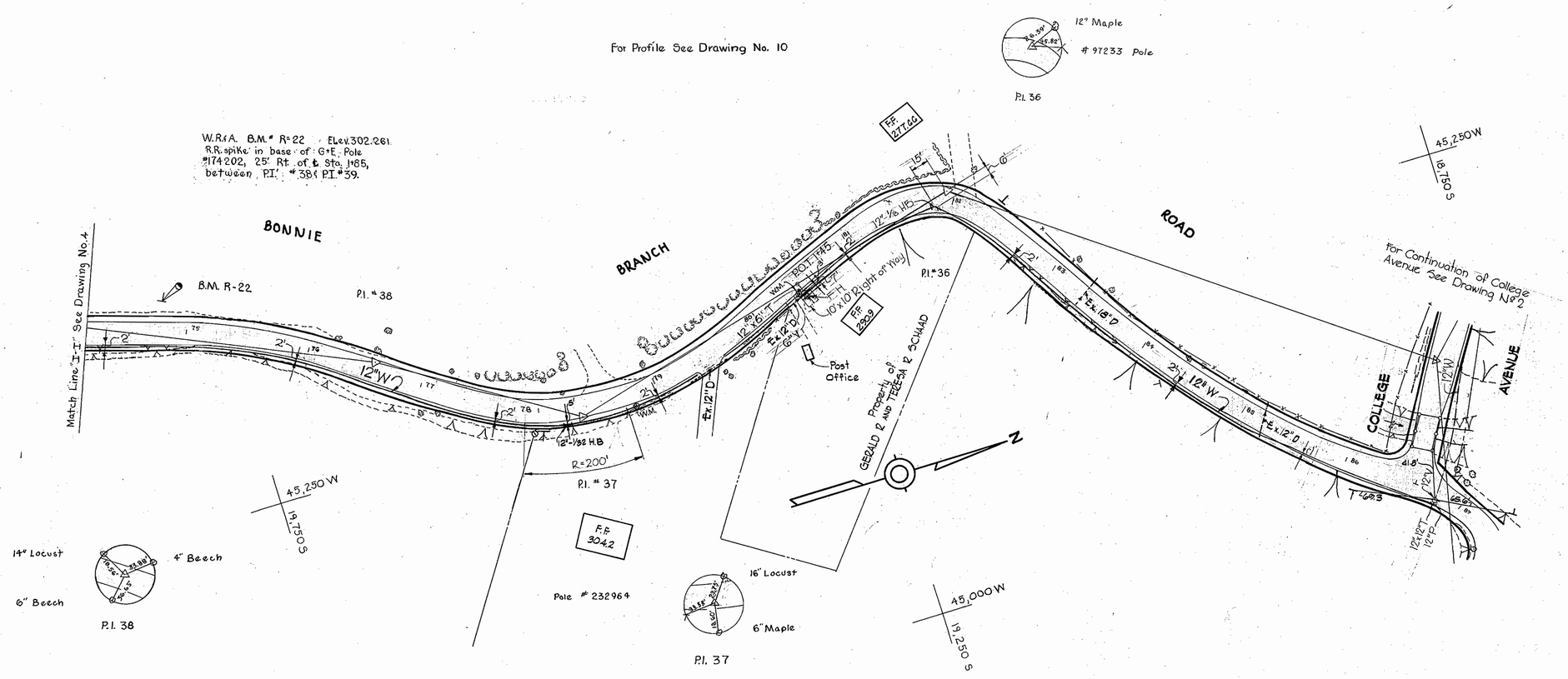
Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 4 OF 11	SCALE 1" = 50'

W. O. 6021-2

AS BUILT JAN. 28, 1970 F.B. 4200, 3024

WS 266-W/4



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

Kenneth A. McCord

Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 5 OF 11	SCALE 1"=50'

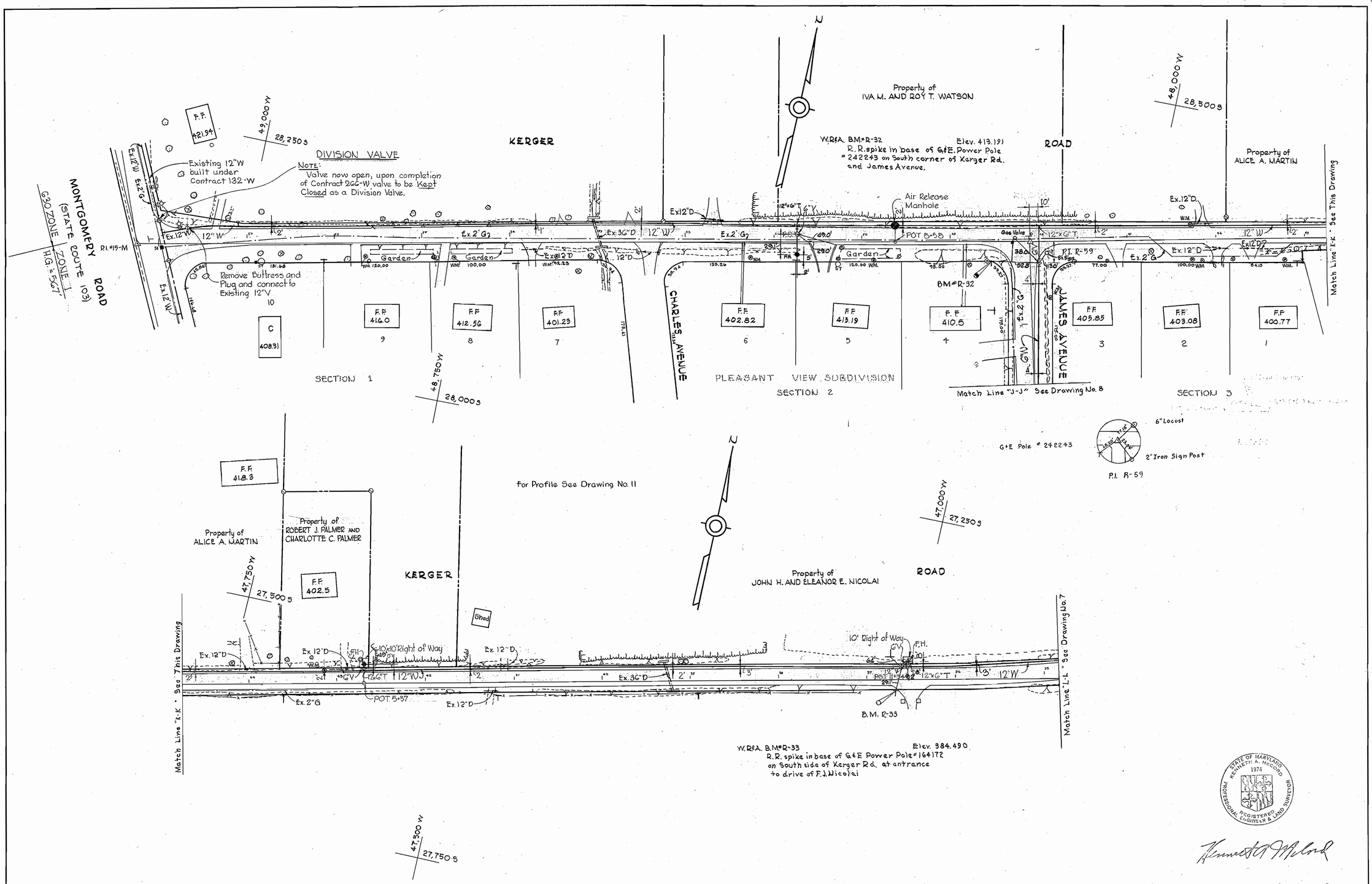
195W30,31
205W31

W. O. 6021-2

AS BUILT JAN. 28, 1970 F.B. 3024,4200

K. ELLIOTT CO., PGH., PA. REORDER A-21890

WS 266-W/5



Contract 266-W

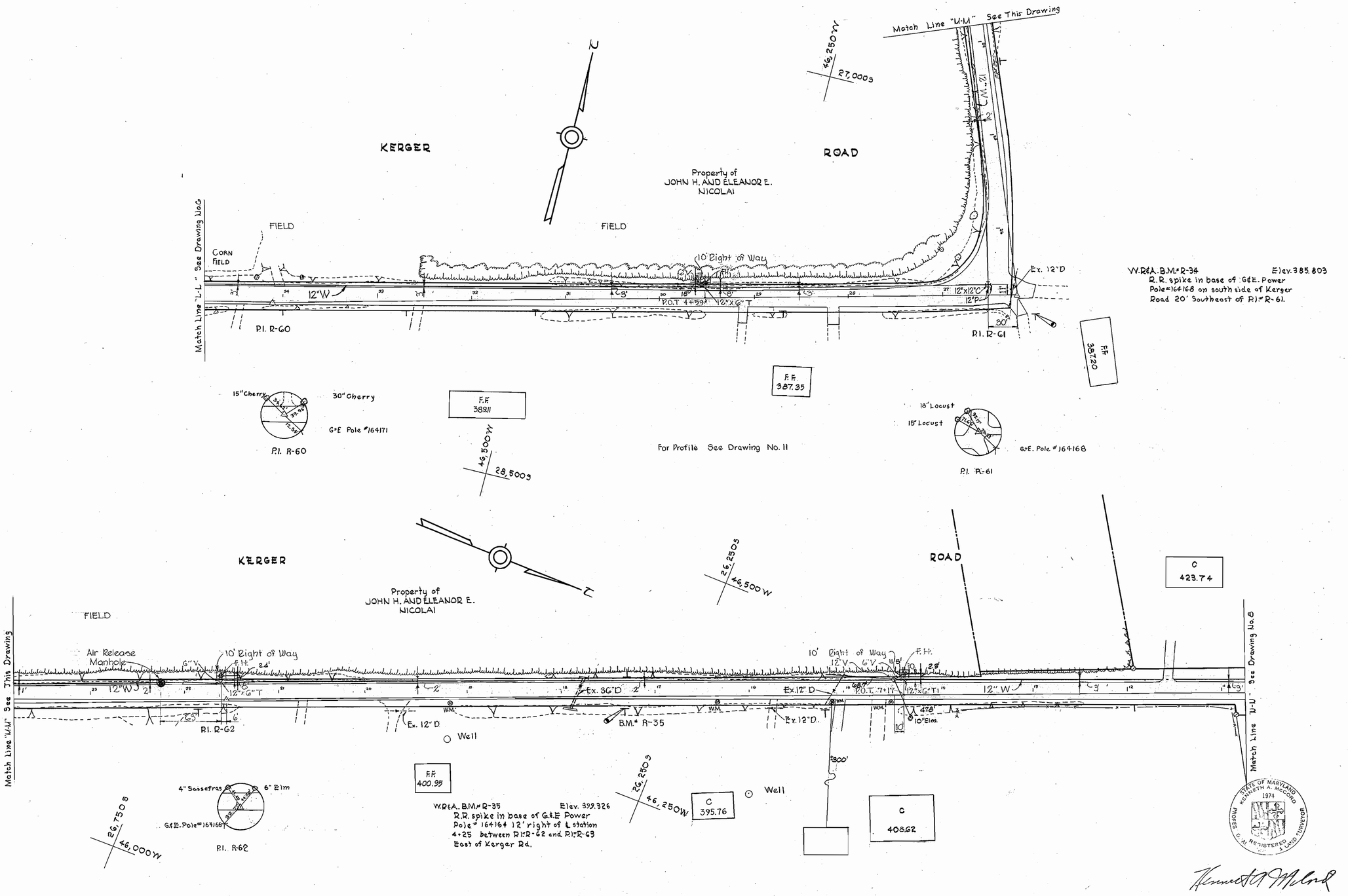
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 DATE — W O Filbert CHIEF ENGINEER	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 6 OF 11	SCALE 1" = 50'

AS BUILT JAN. 28, 1970 F.B. -4221, -4222

W.O. 6021-2

266-W/6 WS

K. ELLIOTT CO., PGH., PA. Rs. NOER A-21890



Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 7 OF 11	SCALE 1" = 50'

W. O. 6021-2

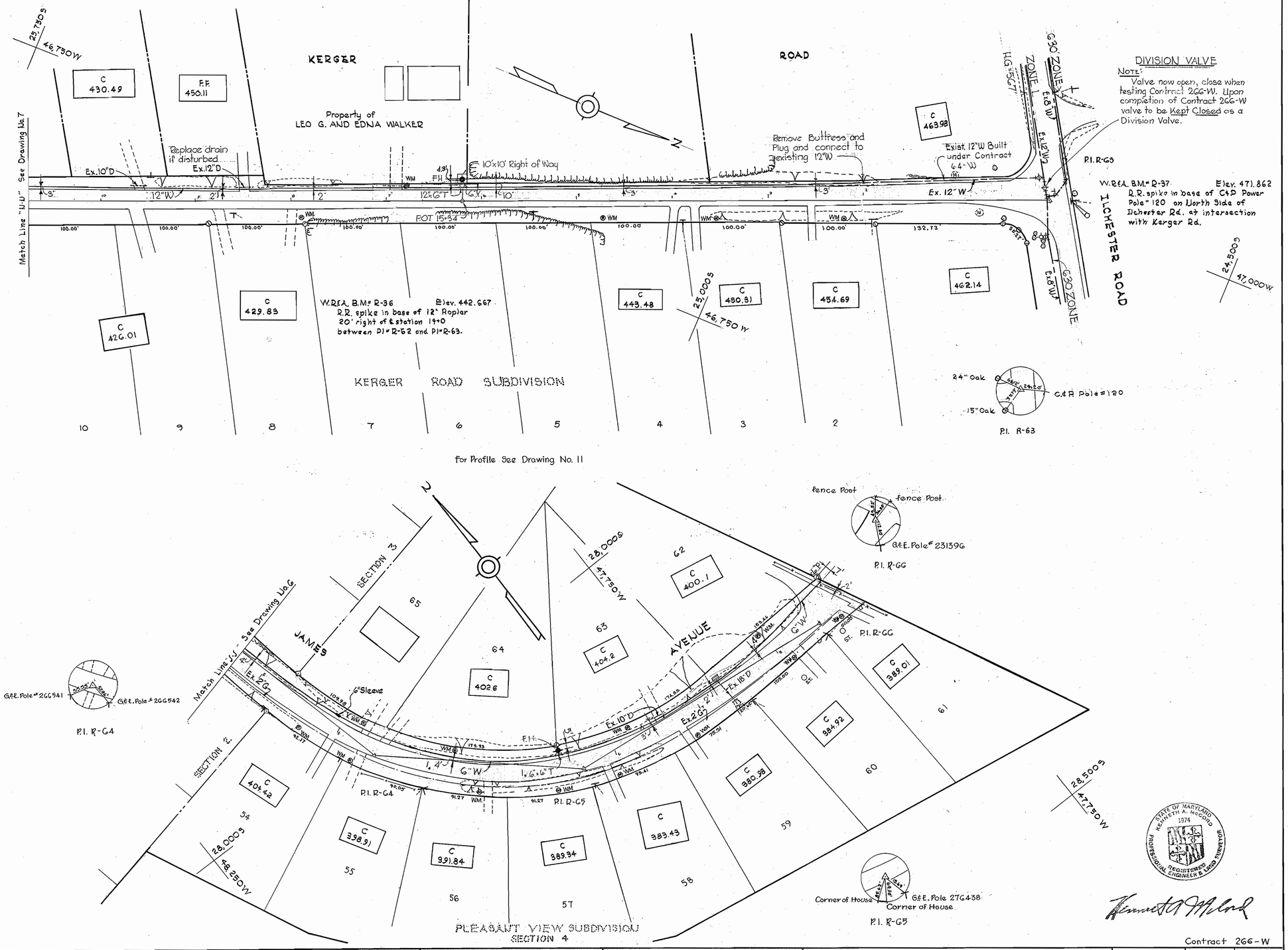
AS BUILT JAN. 28, 1970

F.B. 4221, 4222

K. ELLIOTT CO., PGH., PA. REORDER A-21890

266-W/7

WS



Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) — W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PLAN OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 8 OF 11	SCALE 1" = 50'

W. O. 6021-2

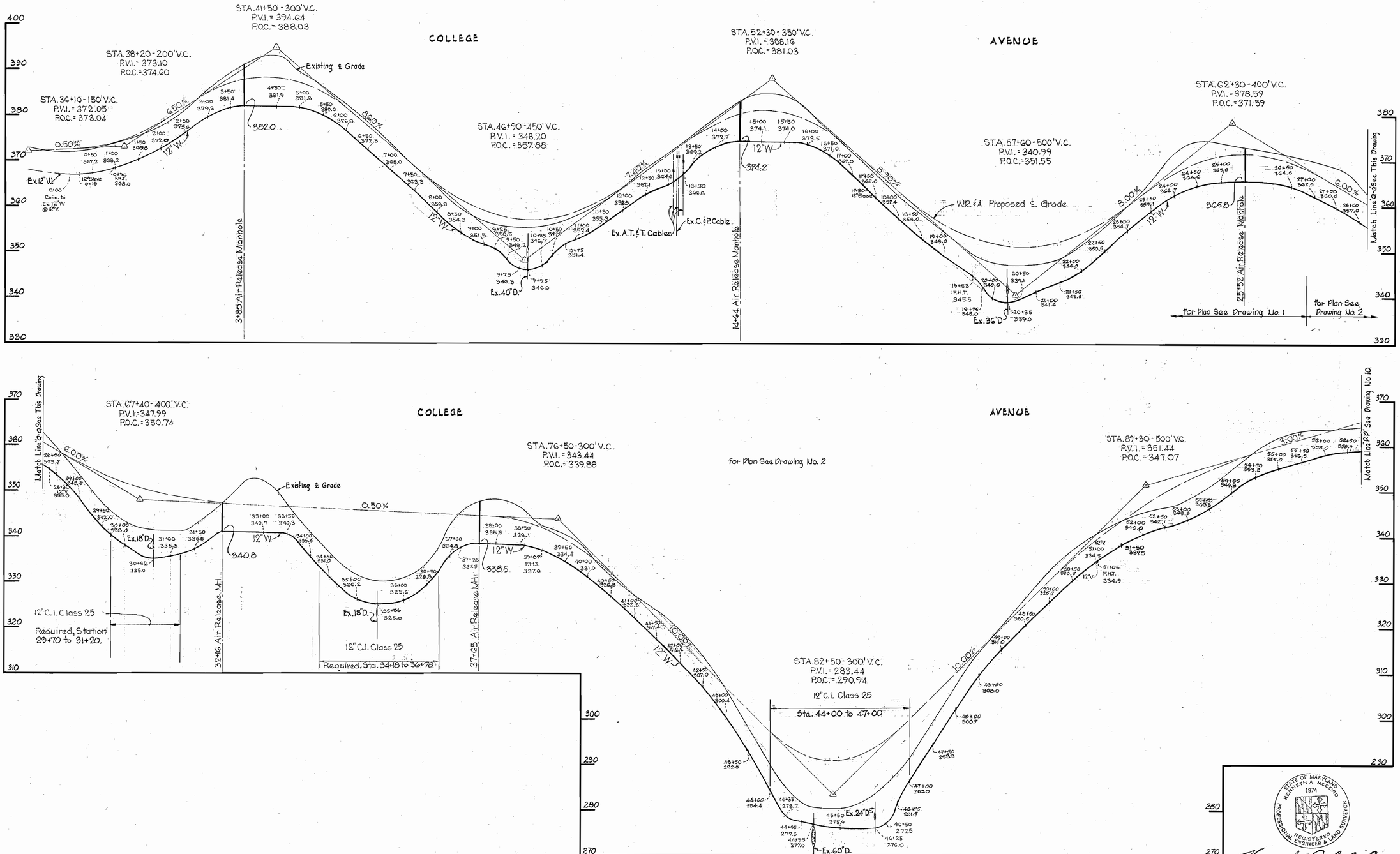
AS BUILT JAN. 28, 1970

F.B. 4221, 4222

266-W/8

WS

K. ELLIOTT CO., PGH., PA. REORDER A-26890



Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL, 22, 1969 (DATE) — W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PROFILES OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 9 OF 11	SCALE H-1"=100' V-1"=10'

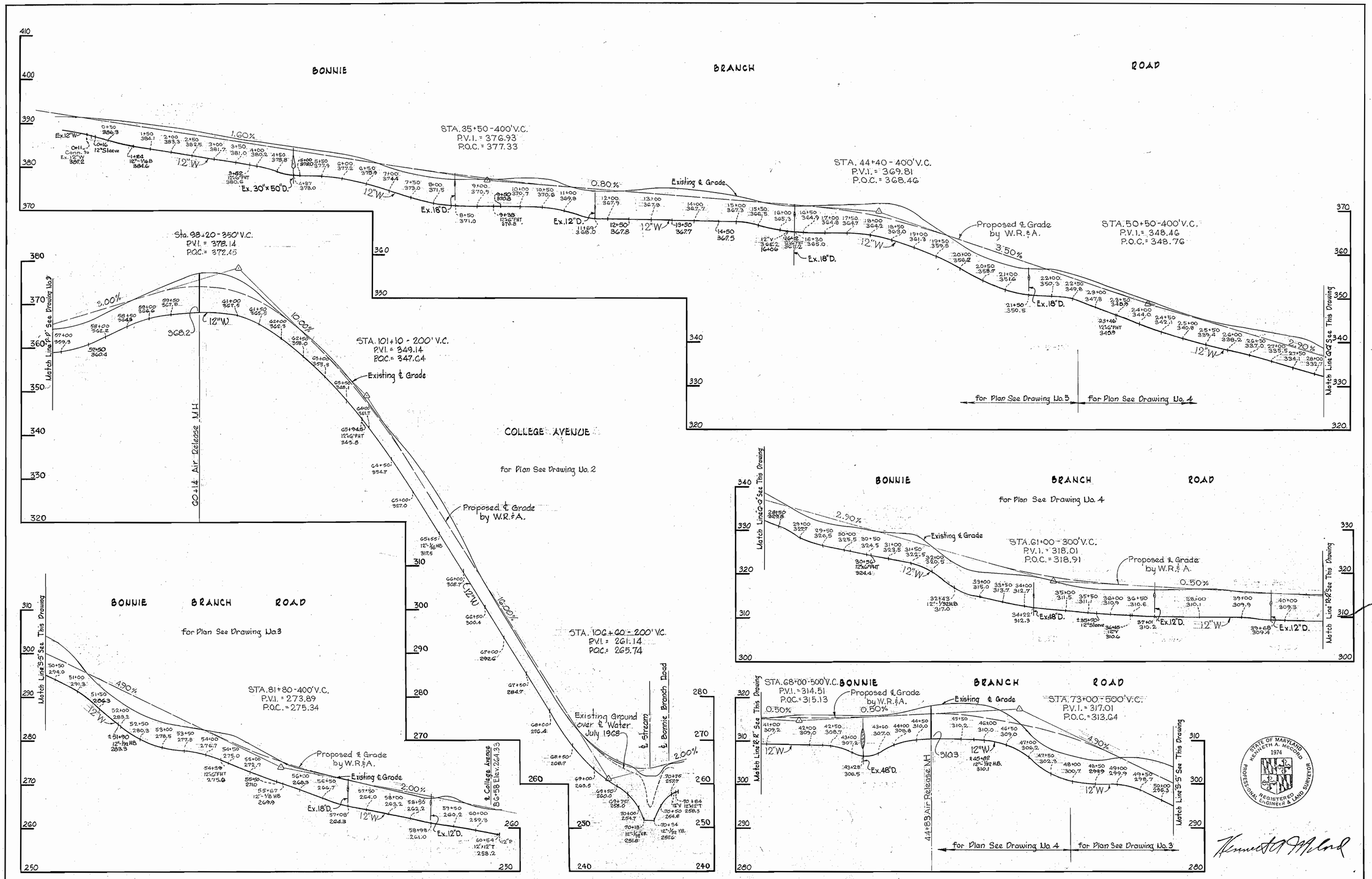
W. O. 6021-2

JAN. 28, 1970 AS BUILT

266-W/9

WS

K. ELLIOTT CO., PGH., PA. REORDER A-21890



Contract 266-W

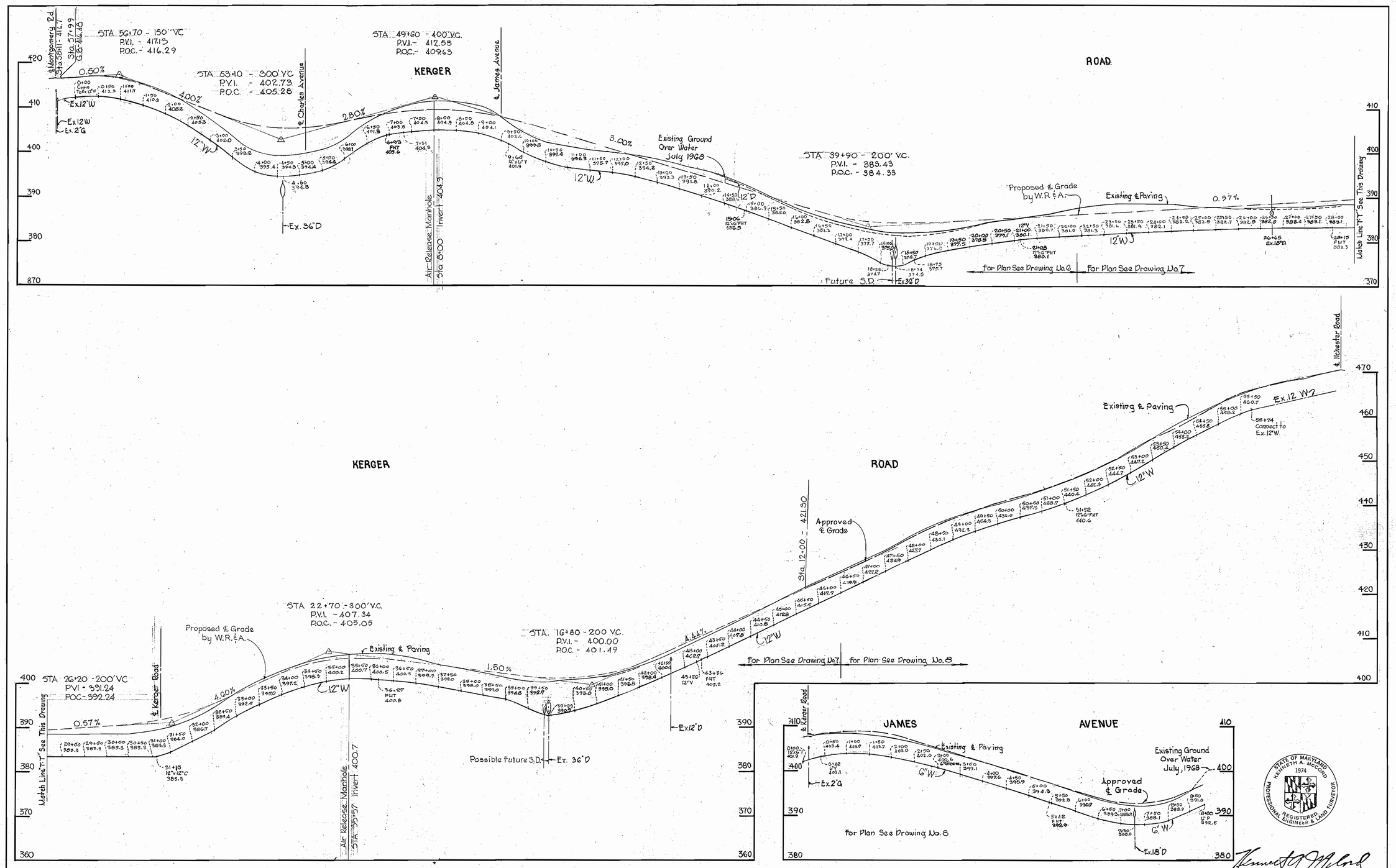
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) — W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PROFILES OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 10 OF 11	SCALE H-1"=100' V-1"=10'

W. O. 6021-2

JAN. 28, 1970 AS BUILT

266-W/10

WS



Contract 266-W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION APRIL 22, 1969 (DATE) — W O Filbert (CHIEF ENGINEER)	CONTRACT NO. 266-W	PROFILES OF WATER MAINS	ELECTION DISTRICT ELLICOTT CITY NO. 2	DRAWING NO. 11 OF 11	SCALE H-1"=100' V-1"=10'

W. O. 6021-2

JAN. 28, 1970 APRIL 23, 1969
AS BUILT

266-W/11

WS