

CONTRACT 10W

WATER MAIN EXTENSIONS

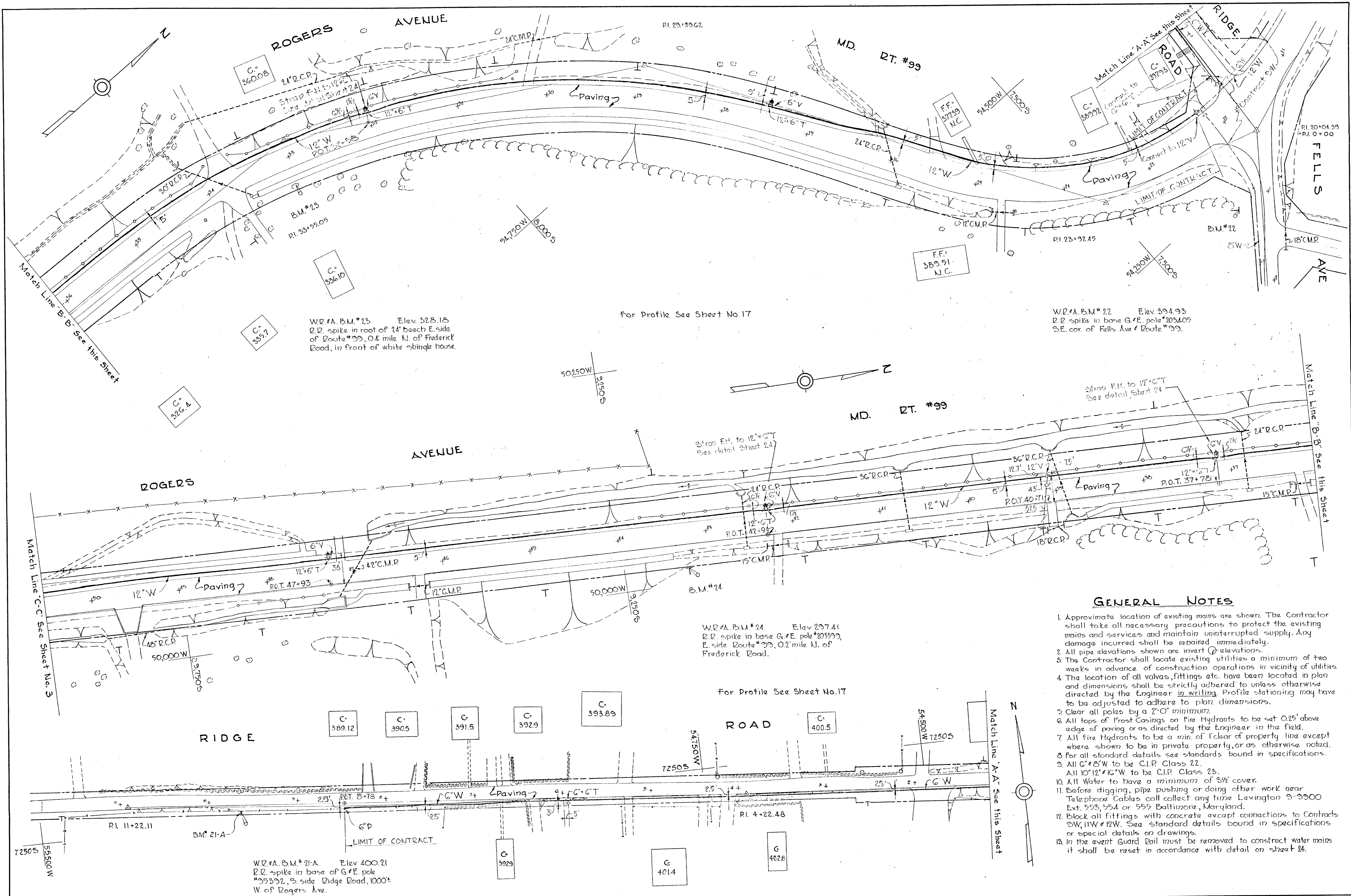
HOWARD COUNTY METROPOLITAN COMMISSION

ELLICOTT CITY SUB-DISTRICT

C281E291

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1950 <small>DATE</small> <i>[Signature]</i> <small>CHAIRMAN</small>	CONTRACT NO. 10W	LOCATION MAP OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 1 OF 24	SCALE AS SHOWN
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W.O. 4649



For Profile See Sheet No 17

W.D.#A B.M.#23 Elev. 328.18
 R.R. spike in root of 24" beach E. side
 of Route #99, 0.1 mile N. of Frederick
 Road, in front of white shingle house.

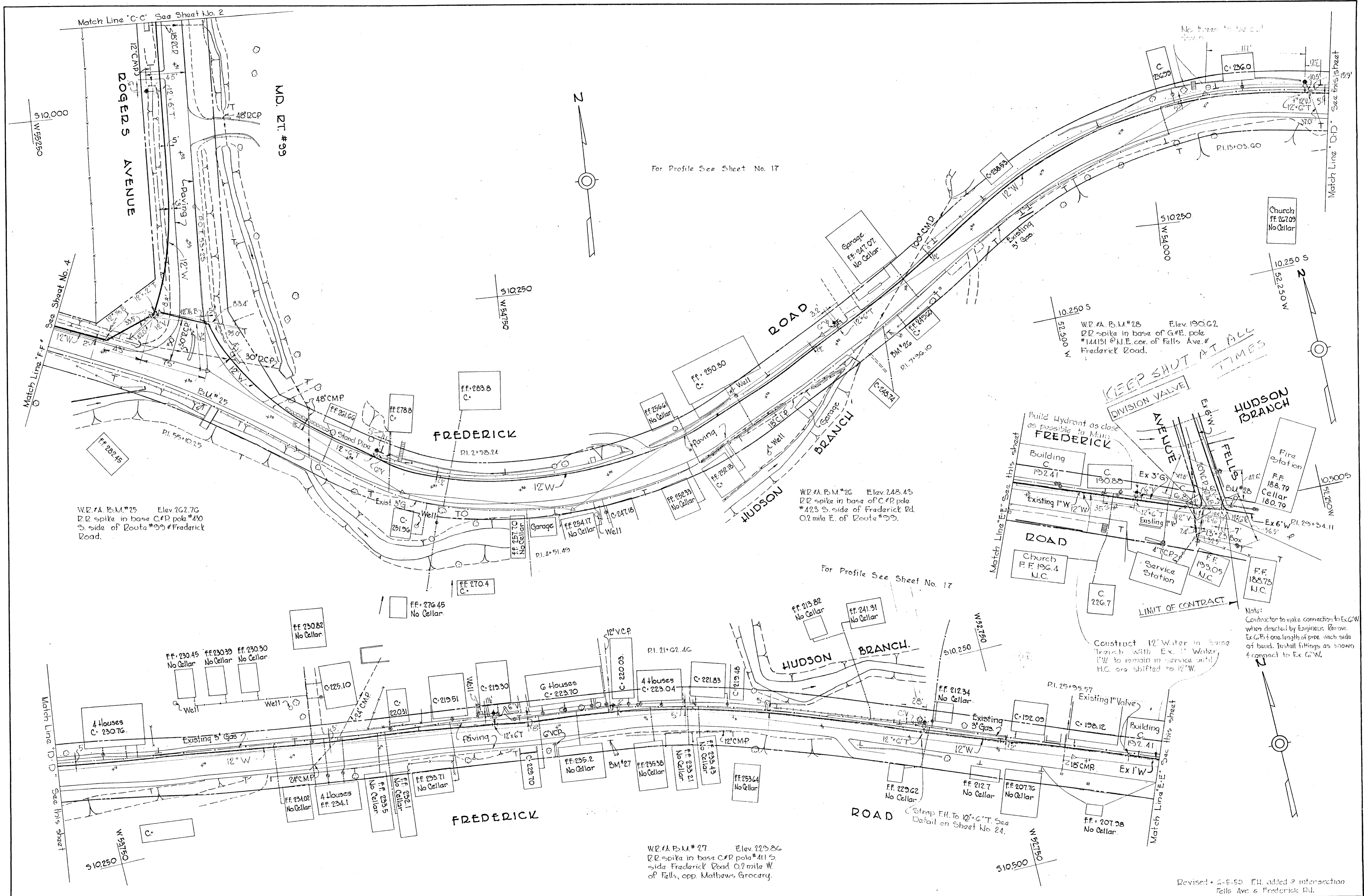
For Profile See Sheet No.17

W.D.#A B.M.#21-A Elev. 400.21
 R.R. spike in base of G.E. pole
 #35352, S. side Ridge Road, 1000'
 W. of Rogers Ave.

- ### 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 a minimum of two weeks in advance of construction operations in vicinity of utilities.
 4. The location of all valves, fittings etc. have been located in plan and dimensions shall be strictly adhered to unless otherwise directed by the Engineer in writing. Profile stationing may have to be adjusted to adhere to plan dimensions.
 5. Clear all poles by a 2'-0" minimum.
 6. All tops of Frost Casings on Fire Hydrants to be set 0.25' above edge of paving or as directed by the Engineer in the field.
 7. All Fire Hydrants to be a min. of 1' clear of property line except where shown to be in private property, or as otherwise noted.
 8. For all standard details see standards bound in specifications.
 9. All 6" x 8" W to be C.I.P. Class 22.
 10. All 10" 12" 16" W to be C.I.P. Class 28.
 11. All Water to have a minimum of 3 1/2' cover.
 12. Before digging, pipe pushing or doing other work near Telephone Cables call collect any time Lexington 9-3300 Ext. 553, 554 or 555 Baltimore, Maryland.
 13. Block all fittings with concrete except connections to Contracts SW, 11W & 12W. See standard details bound in specifications or special details on drawings.
 14. In the event Guard Rail must be removed to construct water mains it shall be reset in accordance with detail on sheet 24.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1959 DATE <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 2 OF 24	SCALE 1" = 50' 8.5W 3T 9.5W 3T 10.5W 3T
					AS BUILT	

W.O.4649



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ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
January 9, 1959
DATE

CONTRACT NO. 10W

PLAN OF
WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING
NO. 3
OF 24

SCALE
1" = 50'

Revised 4-8-59 FH added @ intersection
Falls Ave & Frederick Rd.

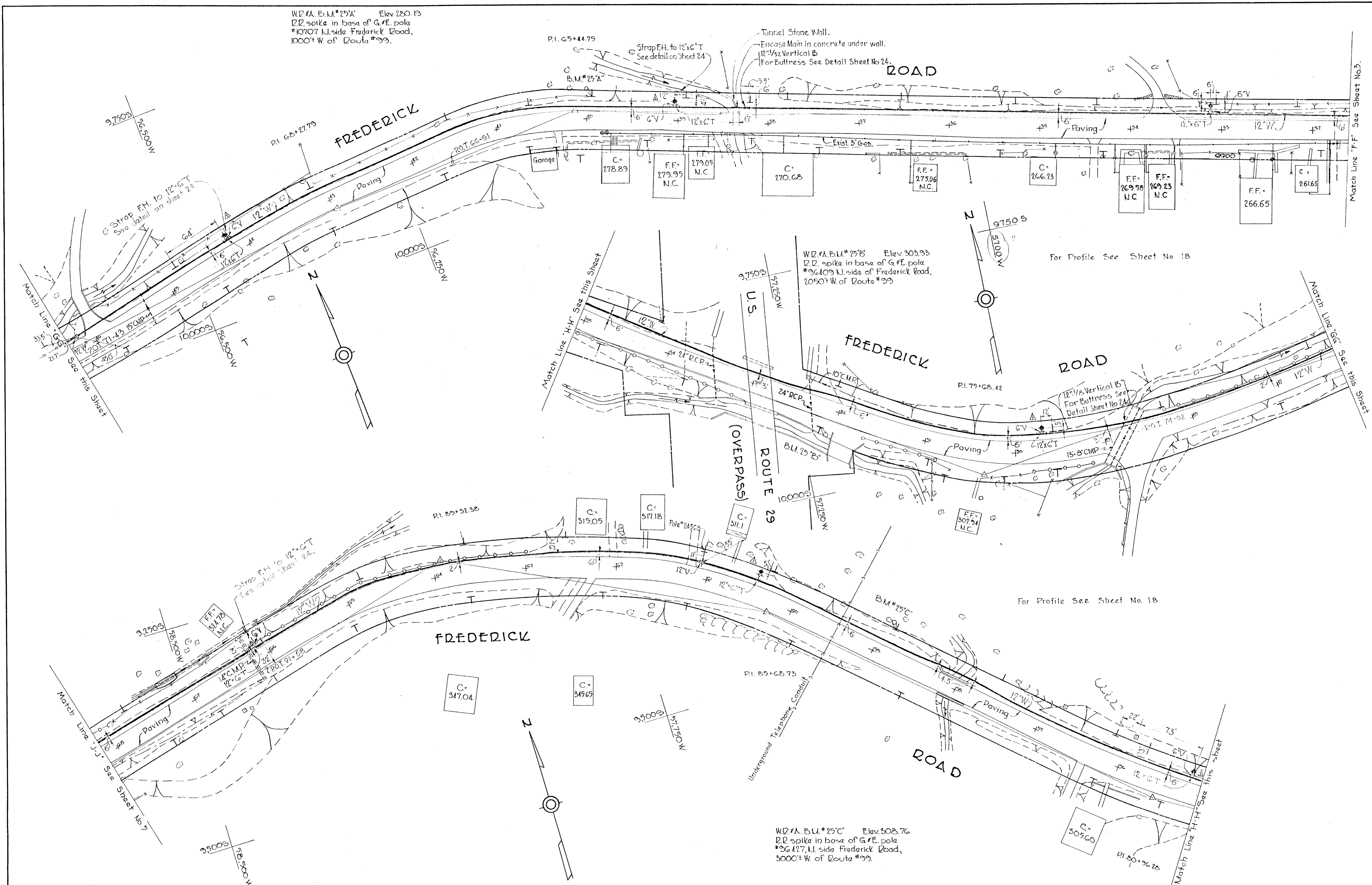
AS BUILT

W.D.#A. B.M.#25'A Elev. 280.13
 12" spike in base of G.F.E. pole
 *10707 U. side Frederick Road,
 1000'± W. of Route #99.

Tunnel Stone Wall.
 Encase Main in concrete under wall.
 12" 1/2 Vertical B
 For Buttress See Detail Sheet No 24.

W.D.#A. B.M.#25'B Elev. 303.93
 12" spike in base of G.F.E. pole
 *96409 U. side of Frederick Road,
 2050'± W. of Route #99

W.D.#A. B.M.#25'C Elev. 308.76
 12" spike in base of G.F.E. pole
 *96427 U. side Frederick Road,
 3000'± W. of Route #99.



A. Revised 3-26-1959
 Fire hydrants relocated.

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HOWARD COUNTY METROPOLITAN COMMISSION
 January 9, 1959
 DATE
 Carl W. Meyer
 CHAIRMAN

CONTRACT NO. 10W

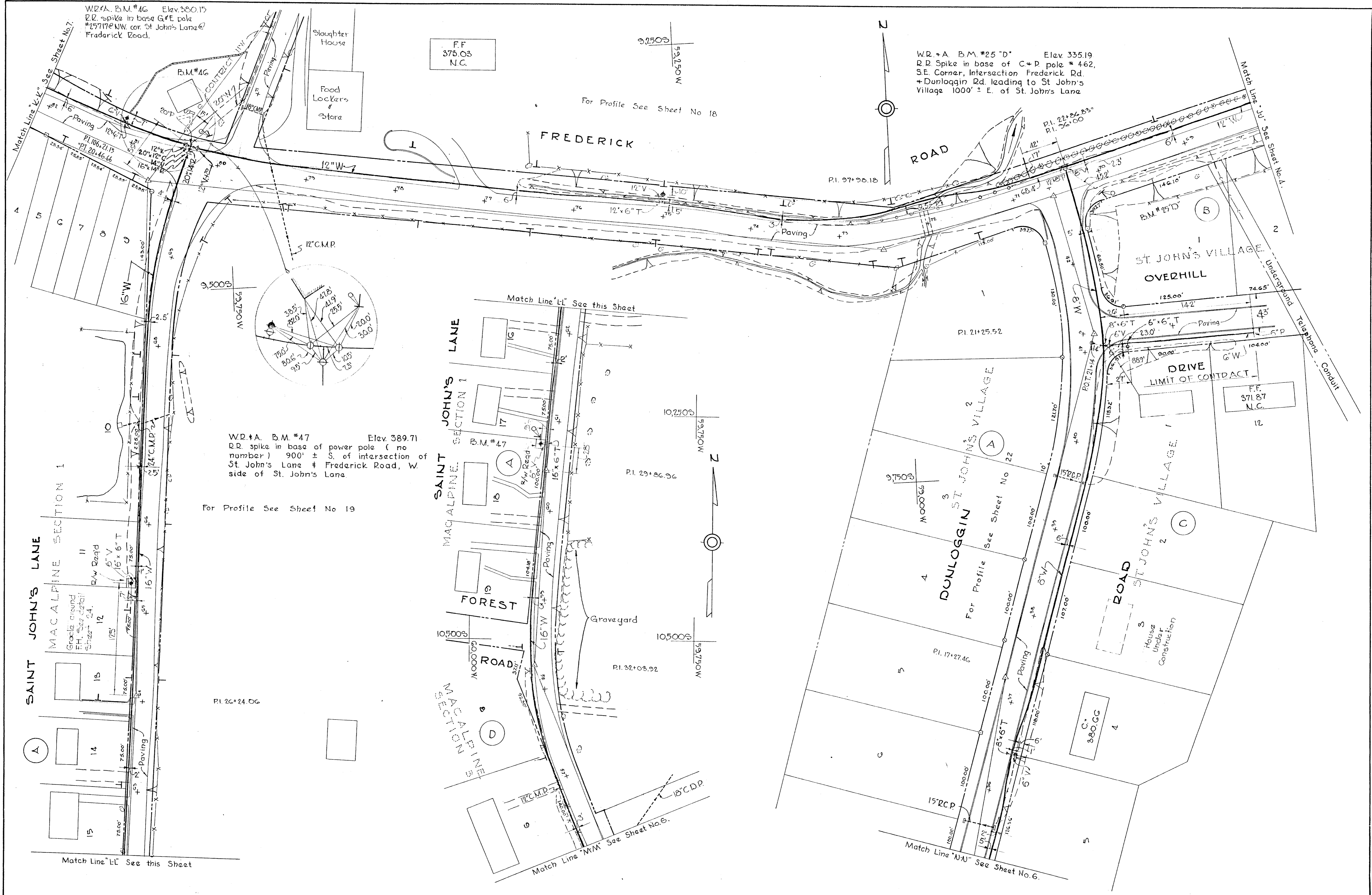
PLAN OF
 WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

DRAWING
 NO. 4
 OF 24

SCALE
 1" = 50'
 105W 38
 115W 37

AS BUILT



W.P.A. B.M. #46 Elev. 380.15
 R.R. spike in base of pole
 #25717E NW cor. of St. John's Lane &
 Frederick Road.

FF
 375.03
 N.C.

W.P.A. B.M. #25 "D" Elev. 335.19
 R.R. Spike in base of C+D pole # 462,
 S.E. Corner, Intersection Frederick Rd.
 + Dunloggin Rd. leading to St. John's
 Village 1000' ± E. of St. John's Lane

W.P.A. B.M. #47 Elev. 389.71
 R.R. spike in base of power pole (no
 number) 900' ± S. of intersection of
 St. John's Lane & Frederick Road, W.
 side of St. John's Lane

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HOWARD COUNTY METROPOLITAN COMMISSION
 January 3, 1959
 DATE

CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

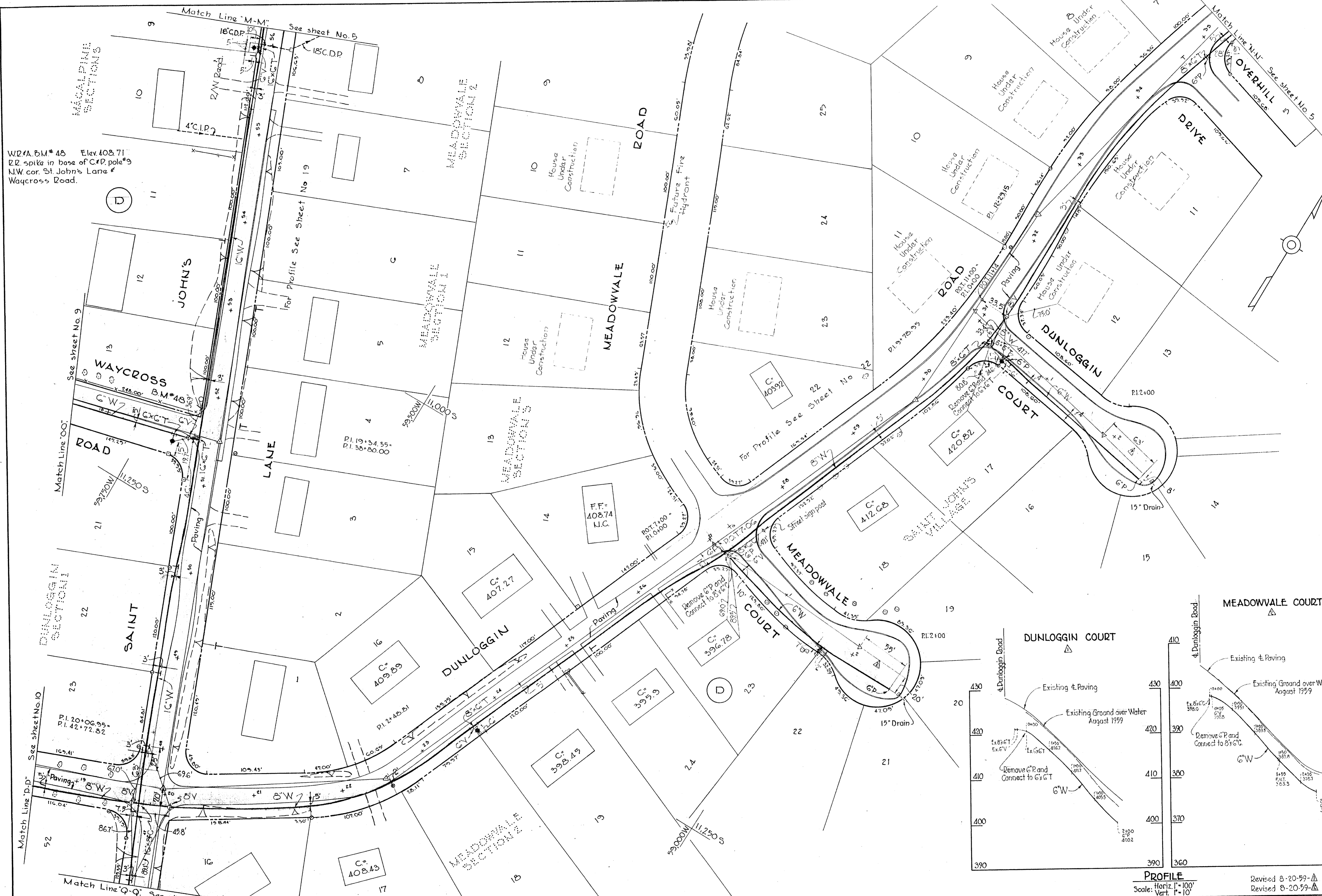
ELLICOTT CITY SUB-DISTRICT

DRAWING
 NO. 5
 OF 24

SCALE
 1"=50'

W.0.4649

AS BUILT



W27A BM# 48 Elev. 408.71
 22' spike in base of C&P pole #9
 NW cor. St. John's Lane &
 Waycross Road.

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HOWARD COUNTY METROPOLITAN COMMISSION
 January 9, 1959
Carl W. Meyer
 CHAIRMAN

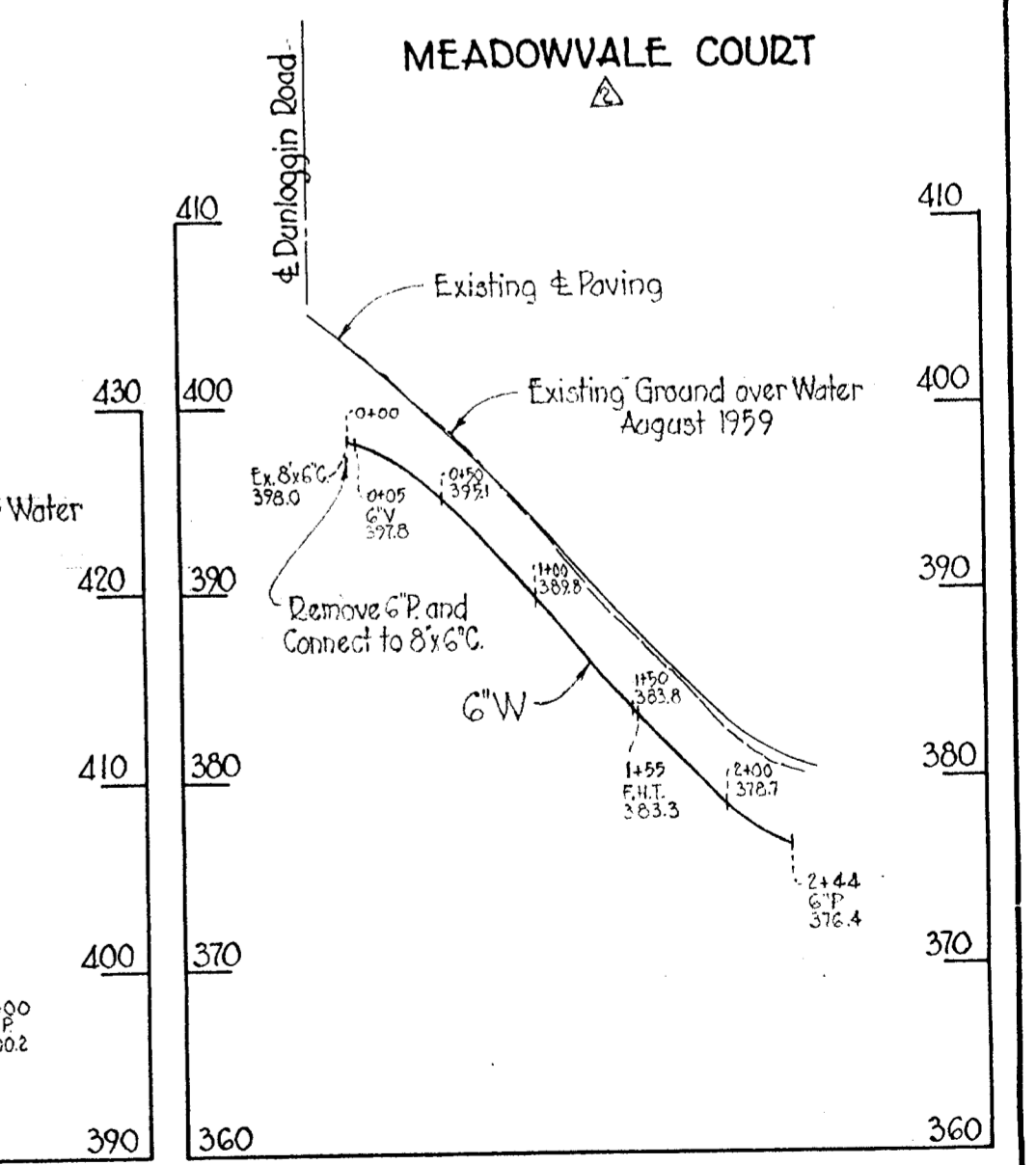
CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING NO. 6 OF 24
 SCALE 1"=50'
 11SW40
 12SW40

W.O. 4649



PROFILE
 Horiz. 1"=100'
 Scale: Vert. 1"=10'
 Revised 8-20-59-Δ 6" W. added.
 Revised 8-20-59-Δ 6" W. added.

AS BUILT F.B. 2236



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HOWARD COUNTY METROPOLITAN COMMISSION
 January 9, 1959
 DATE
Carl W. Meyer
 CHAIRMAN

CONTRACT NO. 10 W

PLAN OF
 WATER MAIN EXTENSIONS

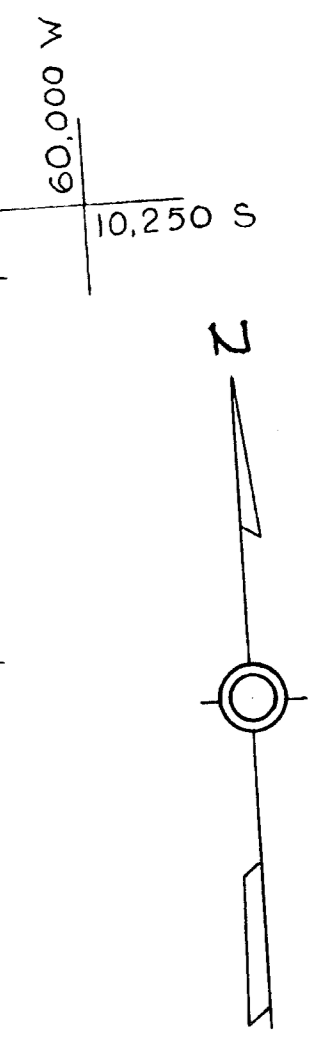
ELLCOTT CITY SUB-DISTRICT

DRAWING NO. 7 OF 24	SCALE 1" = 50'
	105W41



Match Line "S-S" See Sheet No. 7

Match Line "T-T" See Sheet No. 9



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BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
January 3, 1959
DATE
W. H. Meyer
CHAIRMAN

CONTRACT NO. 10W

PLAN OF
WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING
NO. 8
OF 24

SCALE
1"=50'
10.5W41
11.5W41

WO 4649

AS BUILT



WHITMAN, REQUARDT & ASSOCIATES
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BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
January 9, 1959
DATE

CONTRACT NO. 10W

PLAN OF
WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING
NO. 9
OF 24

SCALE
1" = 50'

AS BUILT



Match Line "U-U" See Sheet No. 9
 Match Line "X-X" See Sheet No. 10
 Match Line "W-W" See Sheet No. 12
 Revised 4-2-59
 Revised 2-13-1959
 Δ C.W. added West side, Crownwood Drive
 Δ C.W. added West side, Macalpine Road between Dunloggin & Crownwood Roads.
 Δ S.W. changed to C.W. on East side of Macalpine Road between above limits.

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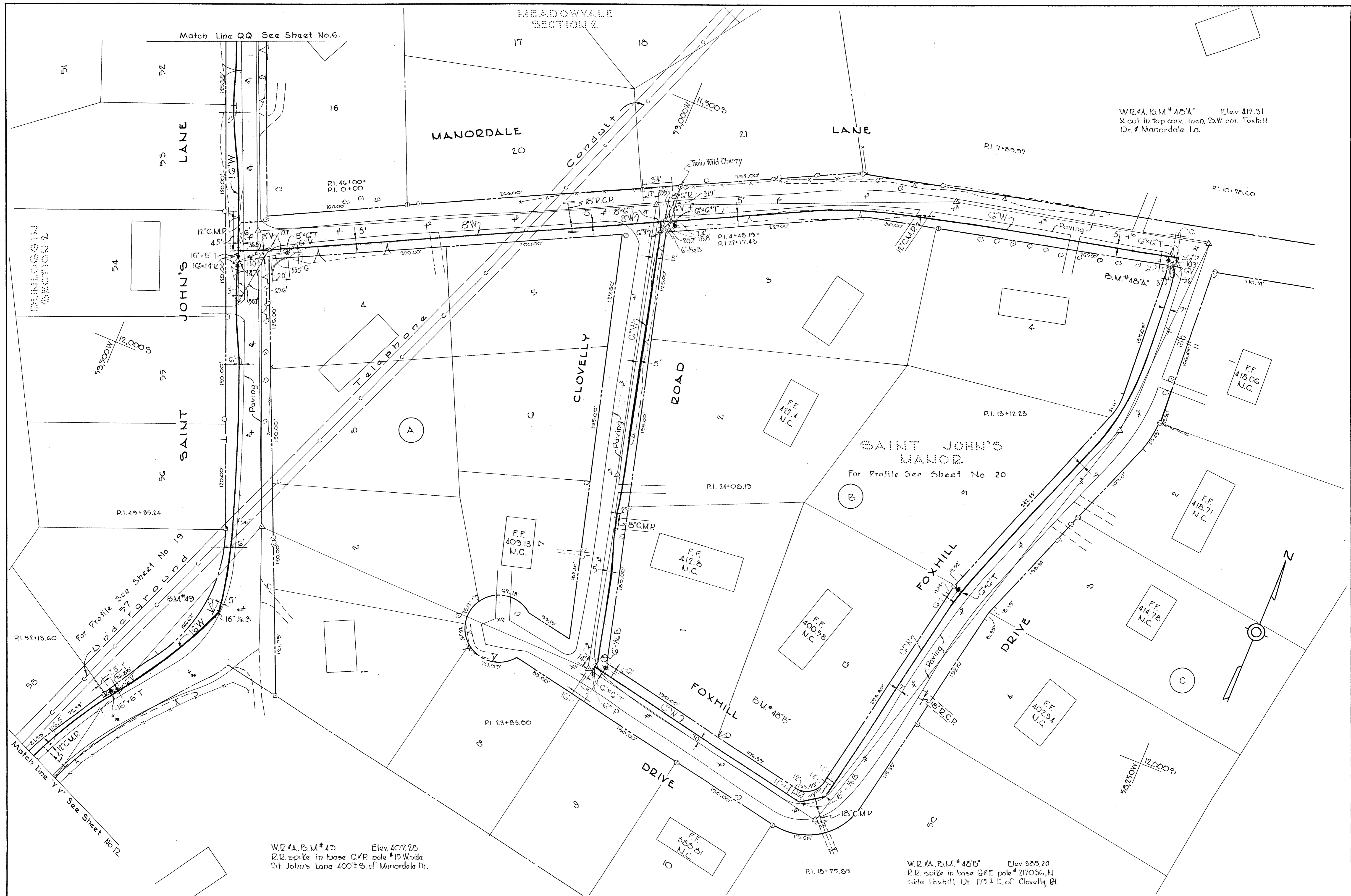
HOWARD COUNTY METROPOLITAN COMMISSION
 January 9, 1959
 DATE
 Chairman

CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING NO. 10 OF 24	SCALE	1" = 50'
		13SW40 13SW41



W.D.#A. B.M.#48'A Elev. 412.31
 X cut in top conc. man. S.W. cor. Foxhill Dr. # Manordale La.

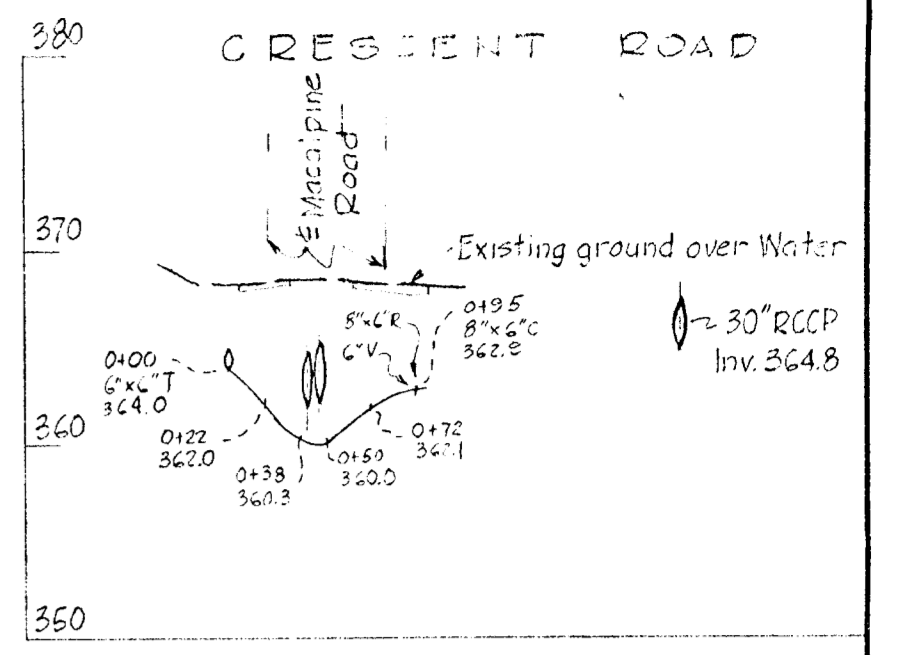
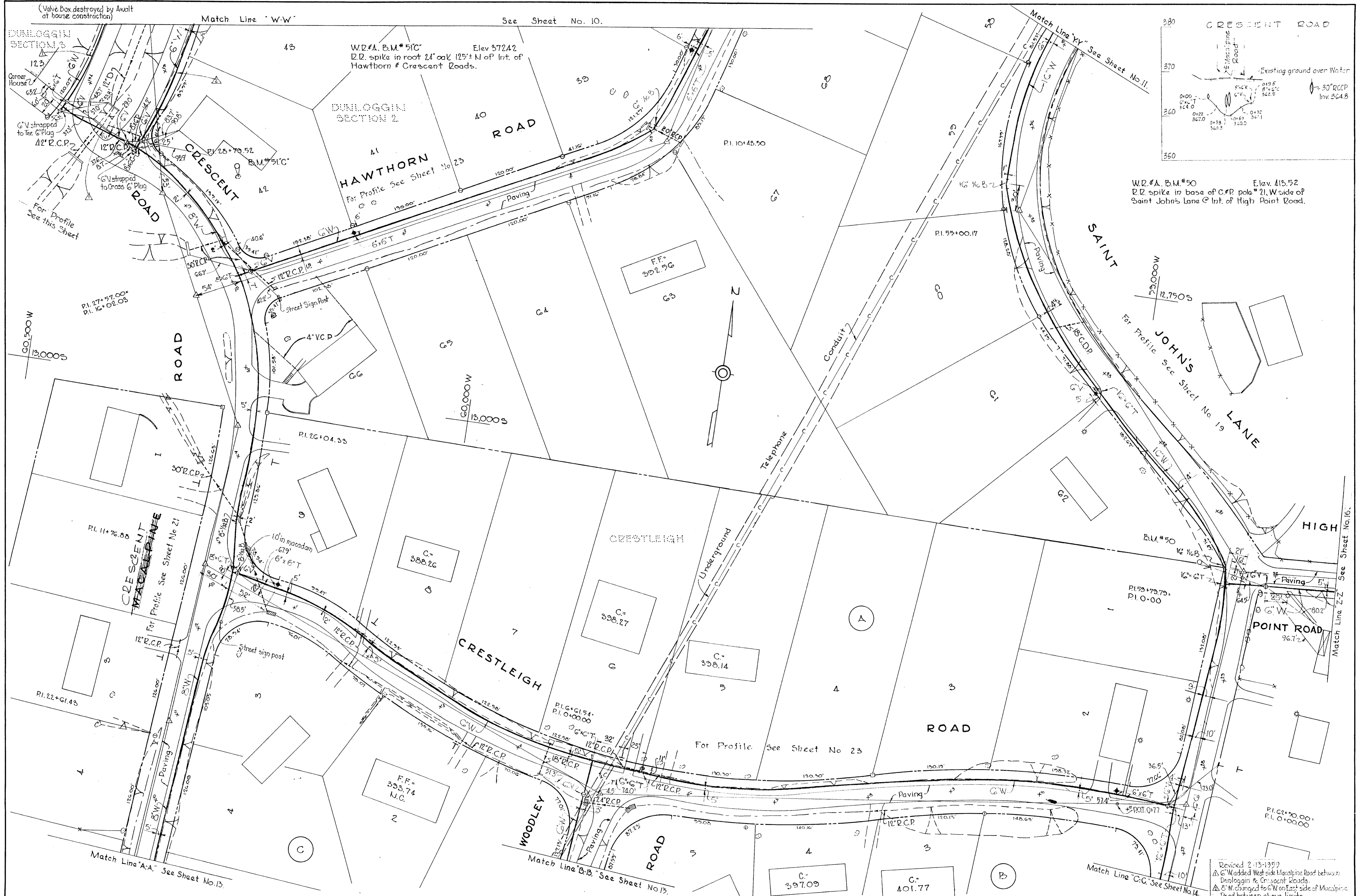
W.D.#A. B.M.#49 Elev. 407.28
 R.R. spike in base C.P. pole #15 W side St. John's Lane 400± S of Manordale Dr.

W.D.#A. B.M.#48'B Elev. 385.20
 R.R. spike in base G#E pole #217036, N side Foxhill Dr. 175± E. of Clovelly Rd.

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W.O. 4C49

AS BUILT



W.R.#A. B.M.#50 Elev. 413.52
 R.I. spike in base of C.P. pole #21, W. side of
 Saint John's Lane @ Int. of High Point Road.

Revised 2-13-1959
 Δ G.W. added West side Macapine Road between
 Dunloggin & Crescent Roads.
 Δ G.W. changed to C.W. on East side of Macapine
 Road between above limits.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1959 DATE	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 12 OF 24 SCALE 1"=50' 14SW40 14SW41
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AS BUILT

W.P. & A. B.M. #5115 ELEV. 367.21
 R.R. spike in base of C&P pole
 #13, S.W. cor. of Macalpine & Whitehall
 Eds.



W.P. & A. B.M. #511A ELEV. 384.78
 R.R. spike in base of G&E pole #85705
 N. side of Whitehall Rd. 60' E. of
 Woodley Rd.

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 January 3, 1959
 DATE

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PLAN OF
 WATER MAIN EXTENSIONS

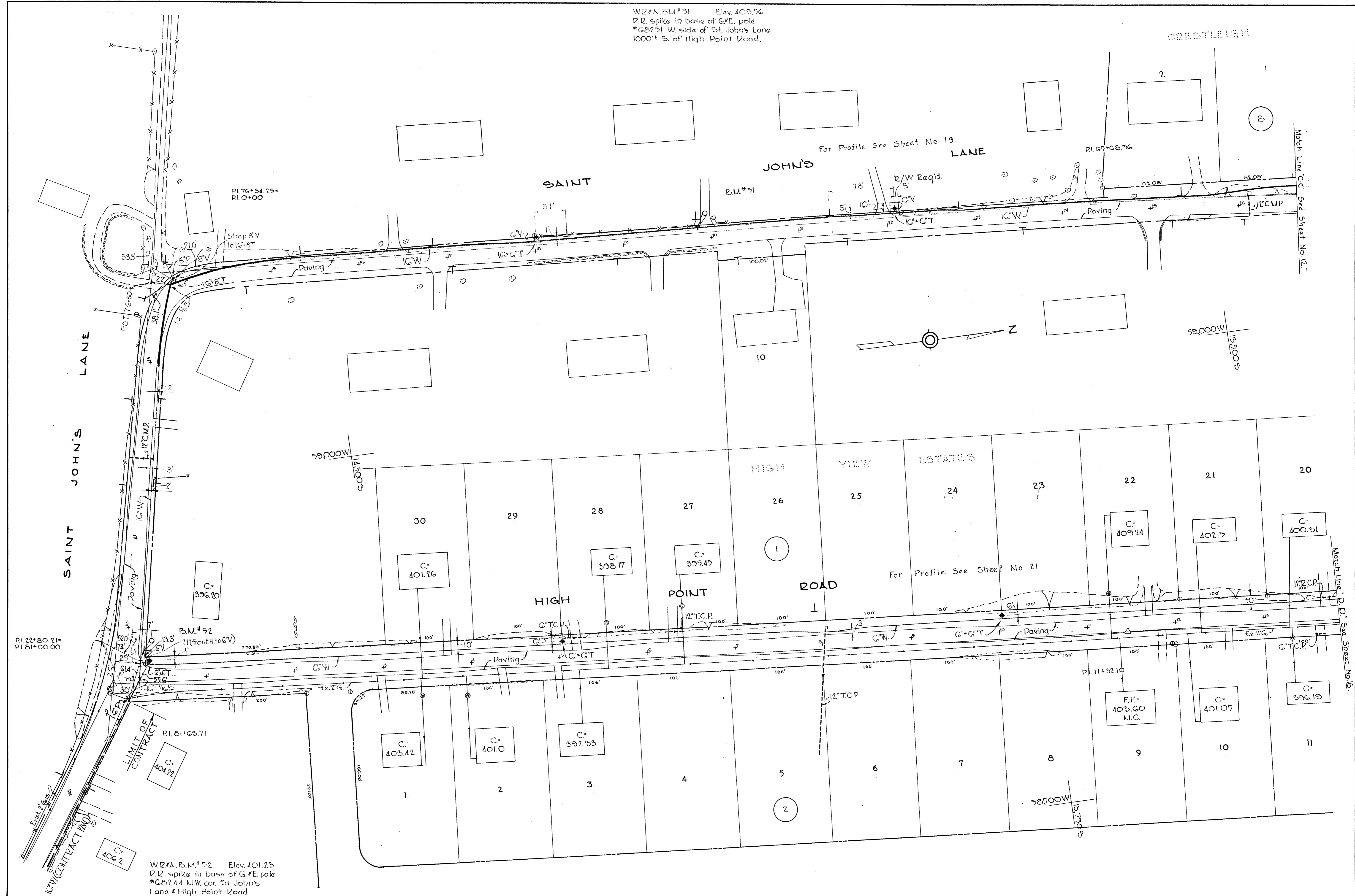
ELLICOTT CITY SUB-DISTRICT

DRAWING NO. 13 OF 24
 SCALE 1" = 50'

WO. 4649

AS BUILT

W2#A.B.M.#51 Elev. 409.56
 2" spike in base of G.F.E. pole
 #G8251 W. side of St. Johns Lane
 1000' S. of High Point Road.



W2#A.B.M.#52 Elev. 401.25
 2" spike in base of G.F.E. pole
 #G8244 N.W. cor. St. Johns Lane & High Point Road.

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CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING NO. 14 OF 24
 SCALE 1"=50'

W.O. 4649

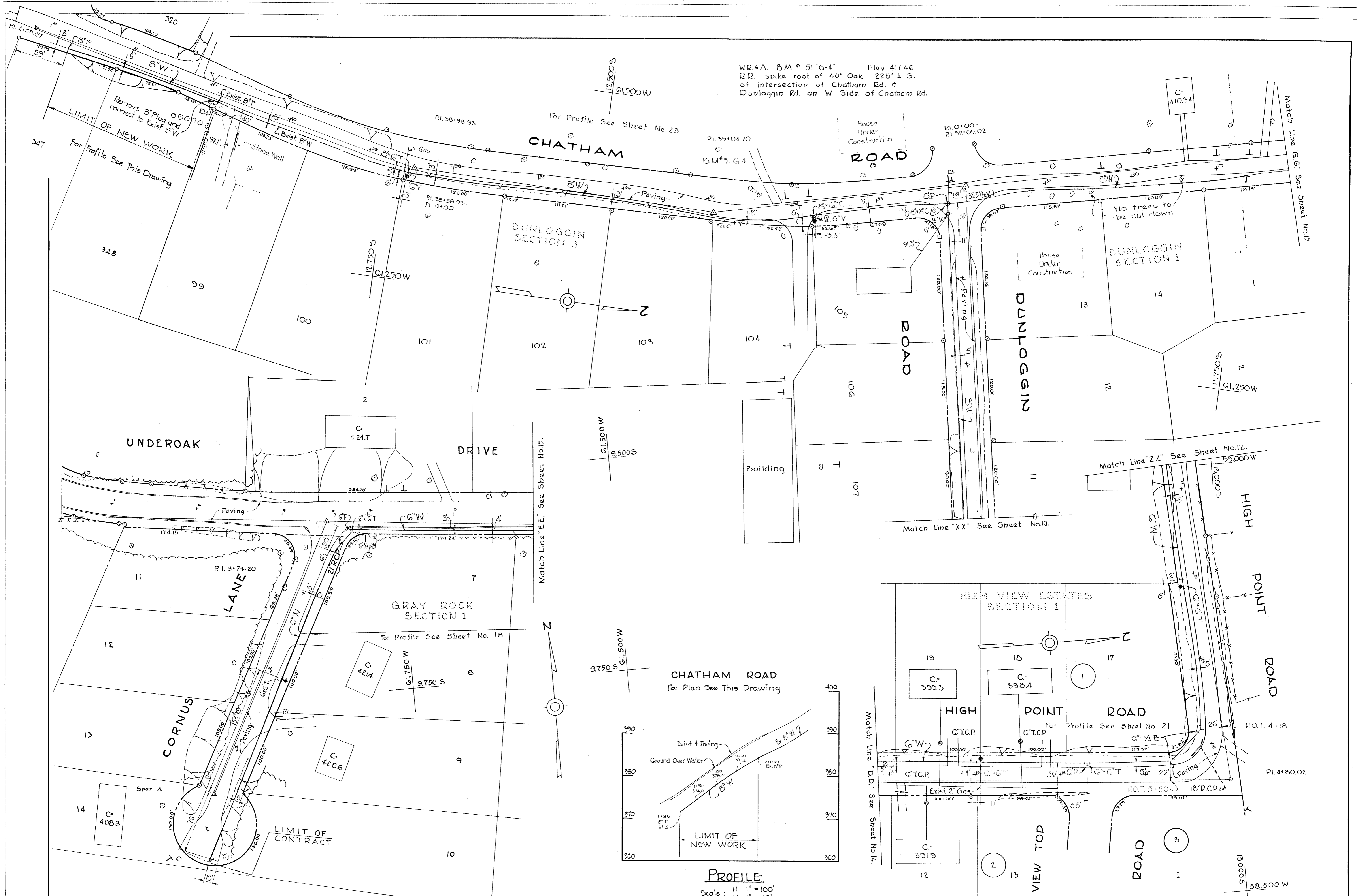
AS BUILT



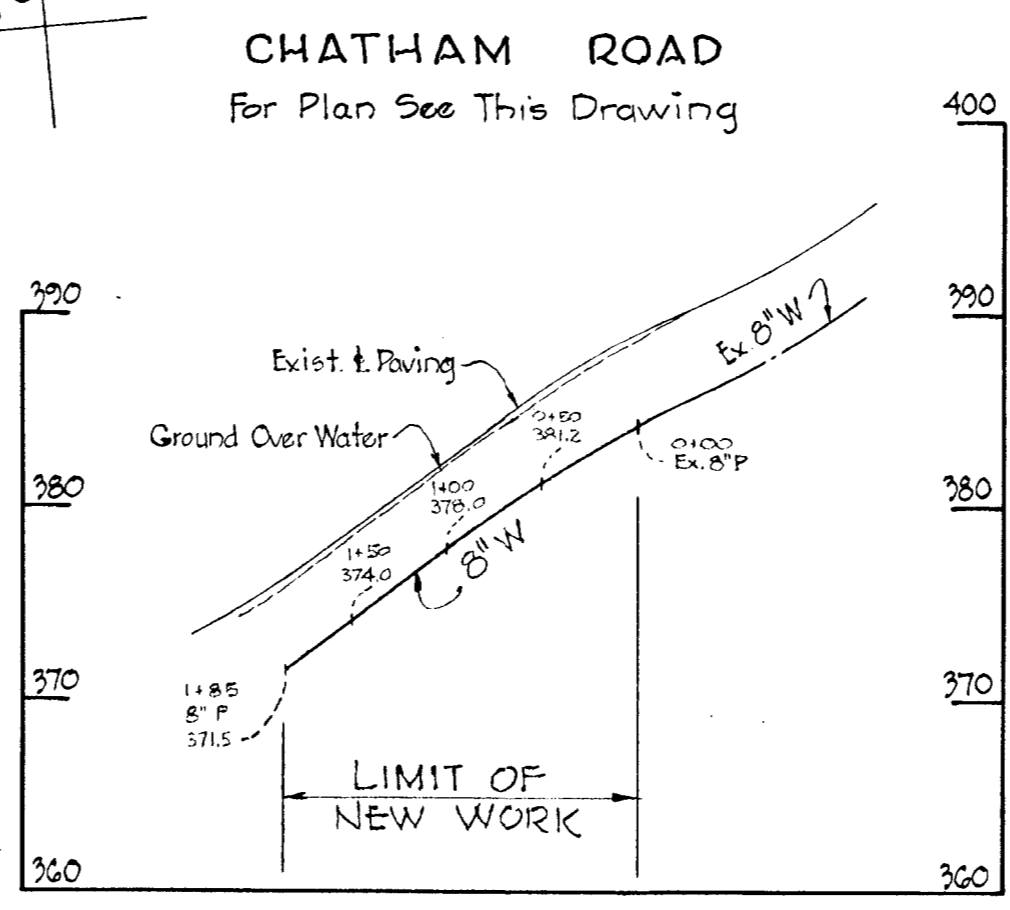
W.R. & A. B.M. #51-G-1 Elev. 440.47
 R.R. spike in base of G & E pole Match Line E.E. See Sheet No. 16
 #79435 S.W. cor. of Int. of Chatham Rd.
 # Underoak Rd. leading to Gray Rock.
 700' ± S. of Frederick Rd.
 For Profile See Sheet No. 18

W.R. & A. B.M. #51-G-2 Elev. 447.04
 R.R. Spike in base of G & E Pole
 #79442, W. side of Chatham Rd.,
 1700' ± S. of Frederick Rd.

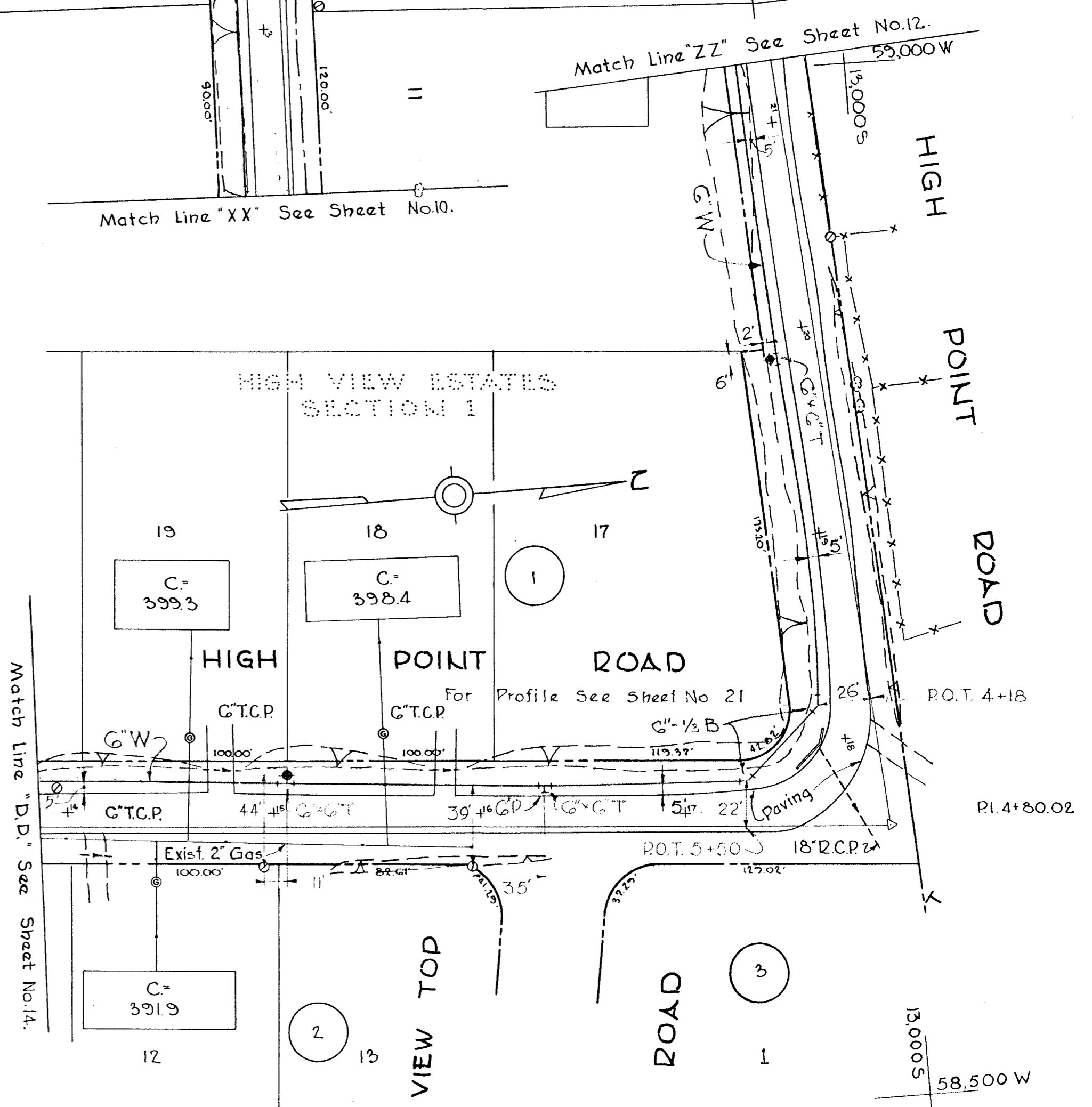
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1979 DATE <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 15 OF 24 SCALE 1" = 50' 1055W4-HISW4
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W.R. & A. B.M. # 51 "G-4" Elev. 417.46
 D.R. spike root of 40" Oak 225' ± S.
 of intersection of Chatham Rd. &
 Dunloggin Rd. on W. Side of Chatham Rd.



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



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 DATE

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PLAN OF
 WATER MAIN EXTENSIONS

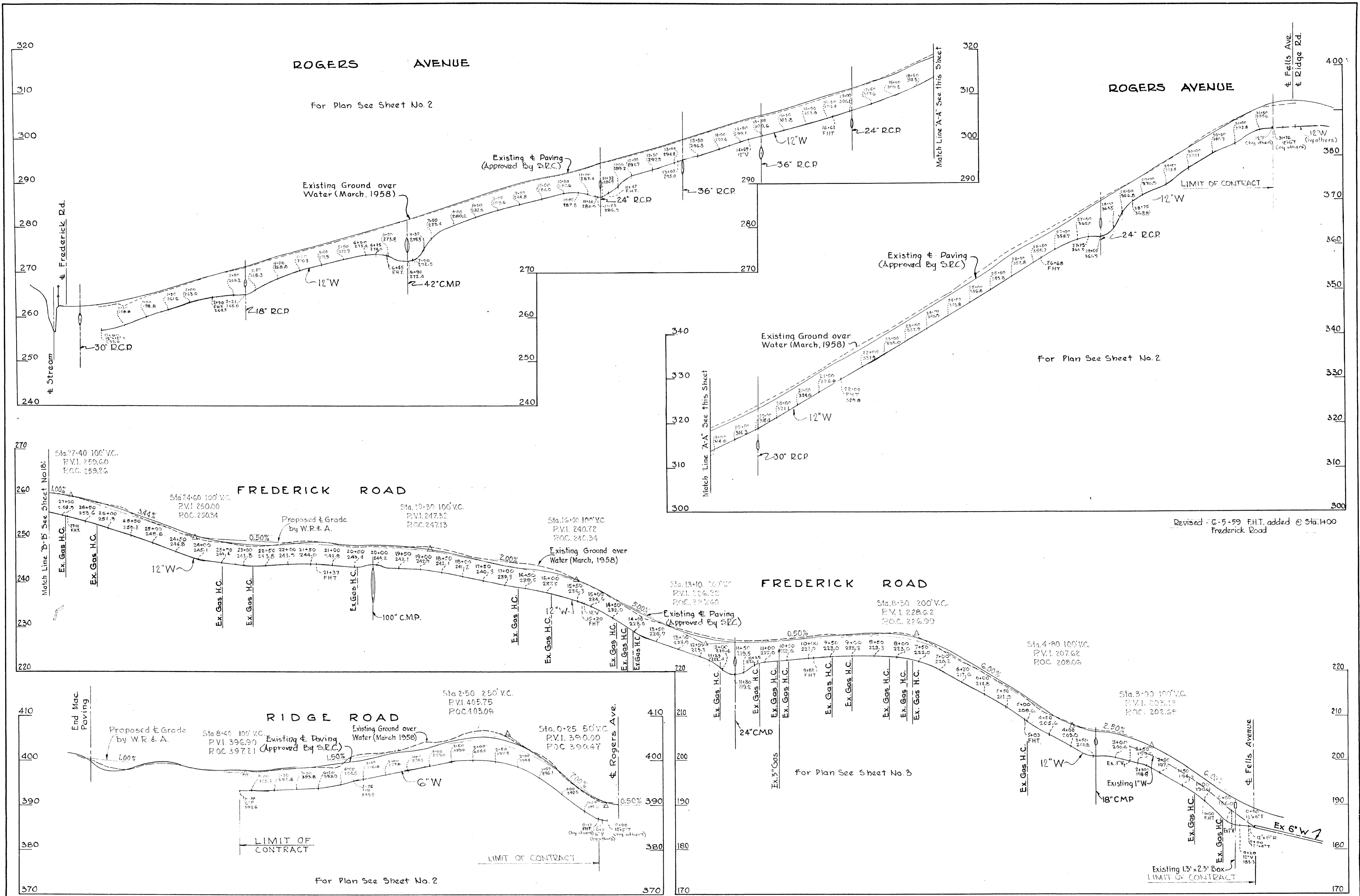
ELLCOTT CITY SUB-DISTRICT

DRAWING
 NO. 16
 OF 24

SCALE
 1" = 50'
 105W42
 135W41
 145W40

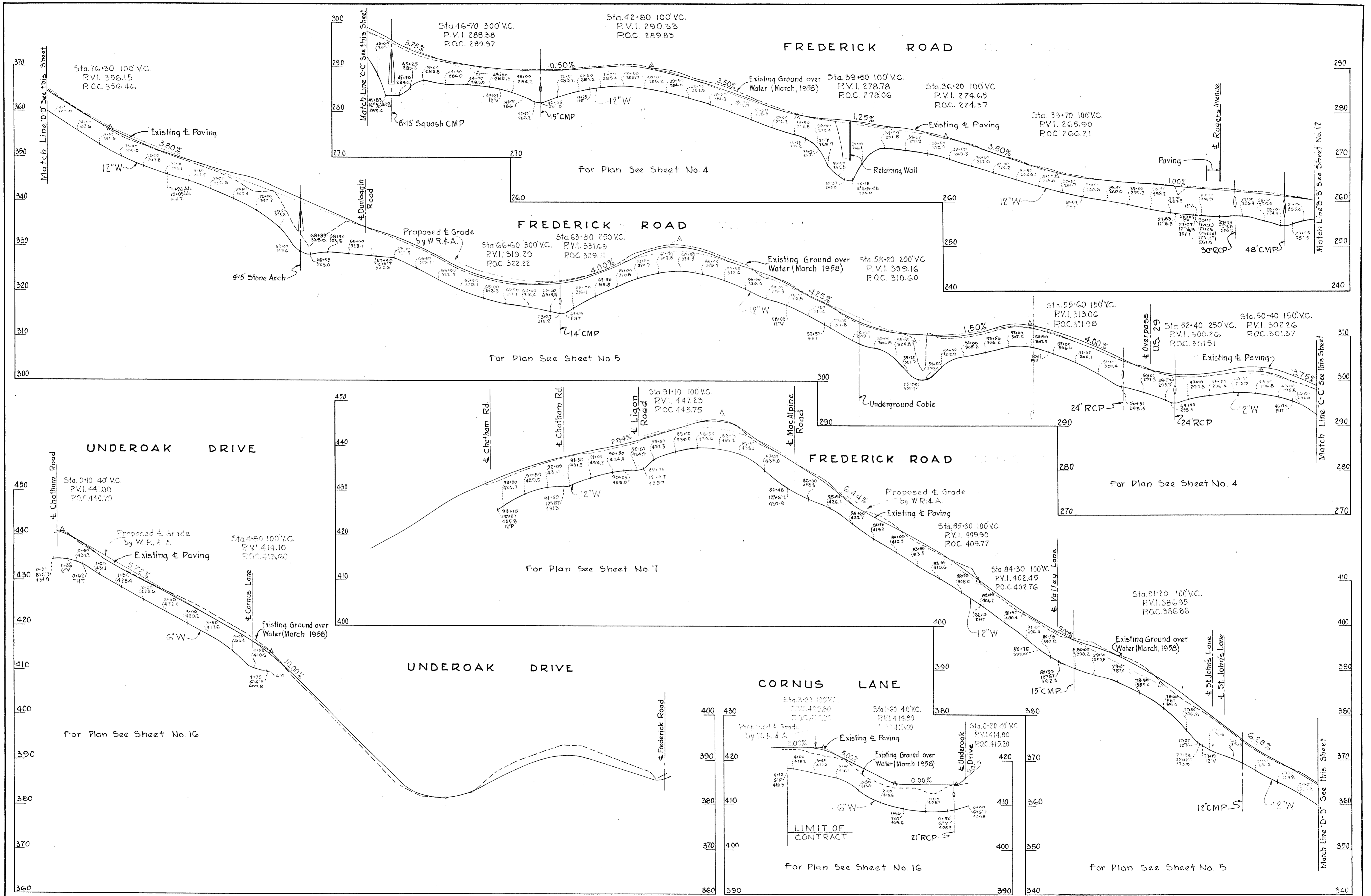
WO 4649

NEW WORK - 17 MARCH 1961 AS BUILT



Revised - C-5-59 F.H.T. added @ Sta. 1+00 Frederick Road

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 2, 1959 DATE	CONTRACT NO. 10W Chairman	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 17 OF 24	SCALE H-1"=100' V-1"=10' AS BUILT
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WHITMAN, REQUARDT & ASSOCIATES
ENGINEERS
1304 ST. PAUL ST.
BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION
January 9, 1959
DATE

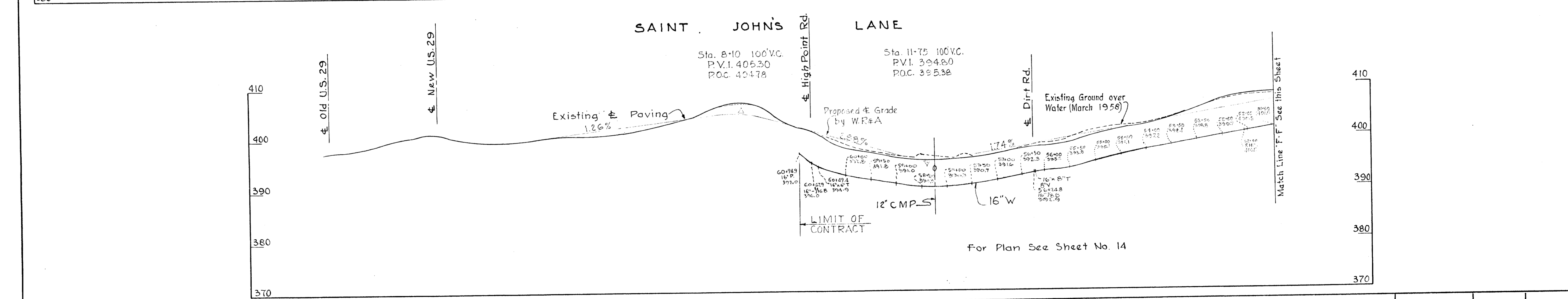
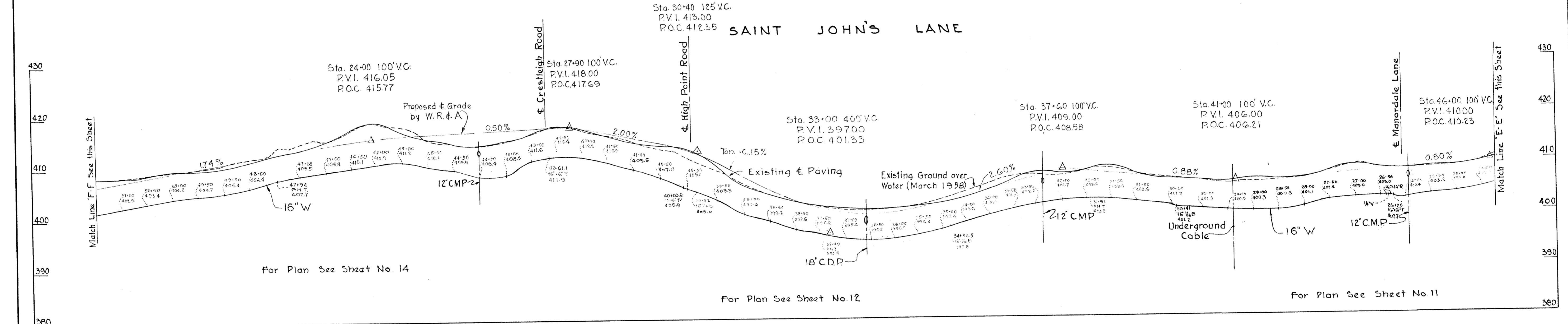
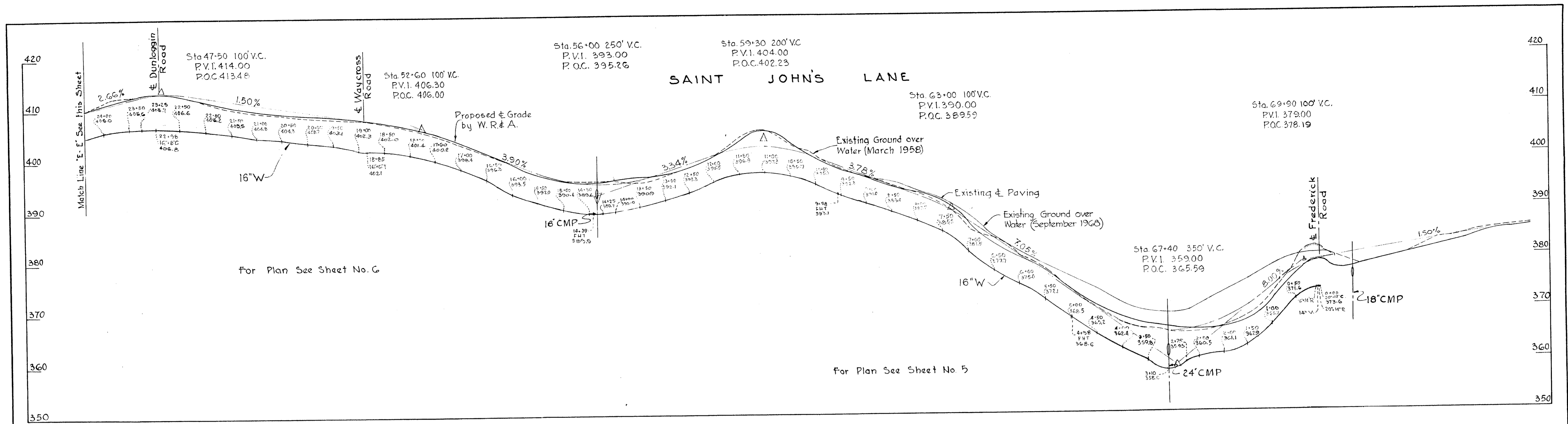
CONTRACT NO. 10 W

PROFILE OF
WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

DRAWING
NO. 18
OF 24

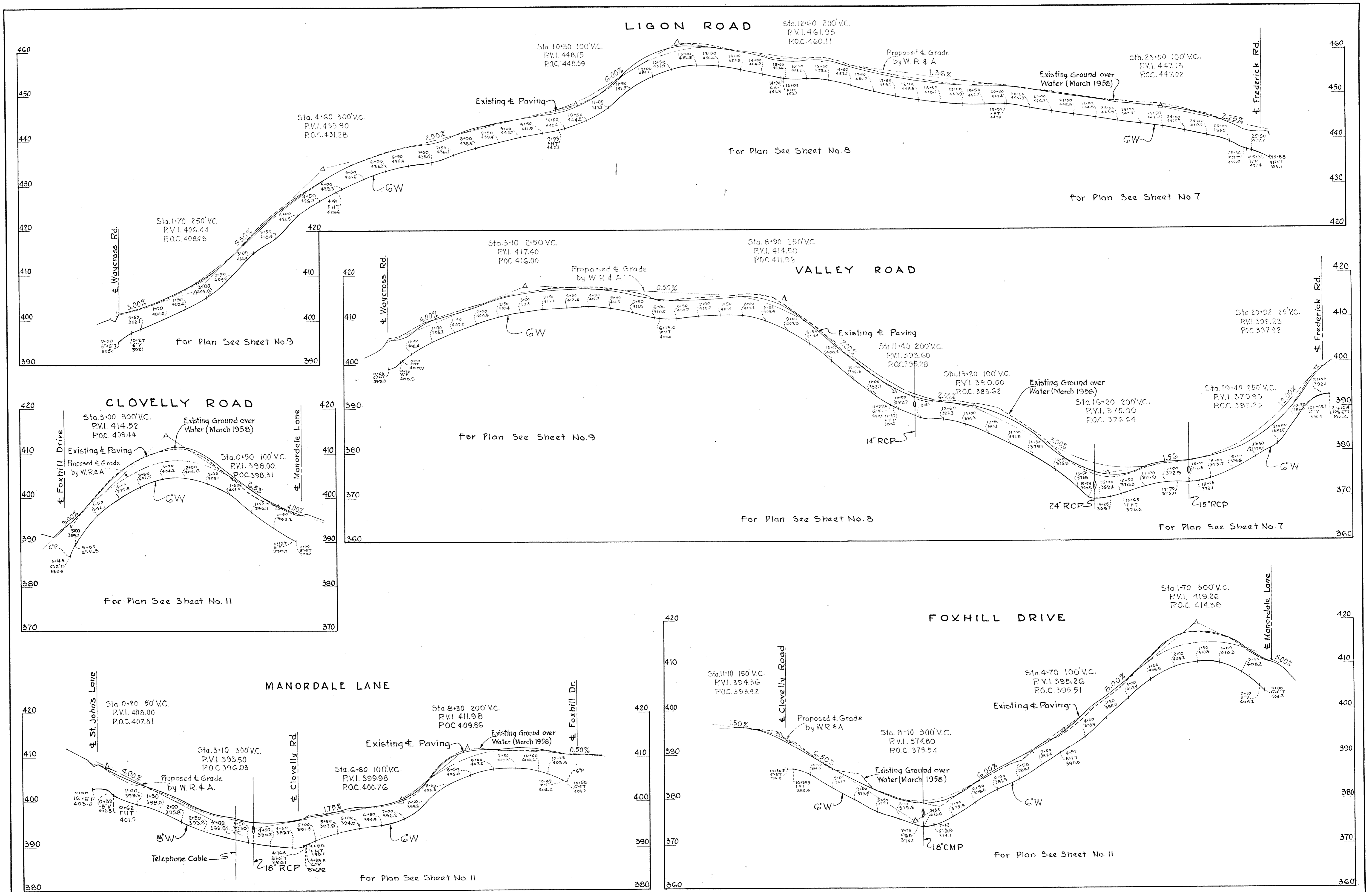
SCALE
H-1"=100'
V-1"=10'



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 DATE	CONTRACT NO. 10 W Chairman	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 19 OF 24	SCALE H-1"=100' V-1"=10'
					AS BUILT	

W.O. 4649

WS 10W/19



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

HOWARD COUNTY METROPOLITAN COMMISSION
 January 3, 1959
 DATE
Carl W. Meyer
 CHAIRMAN

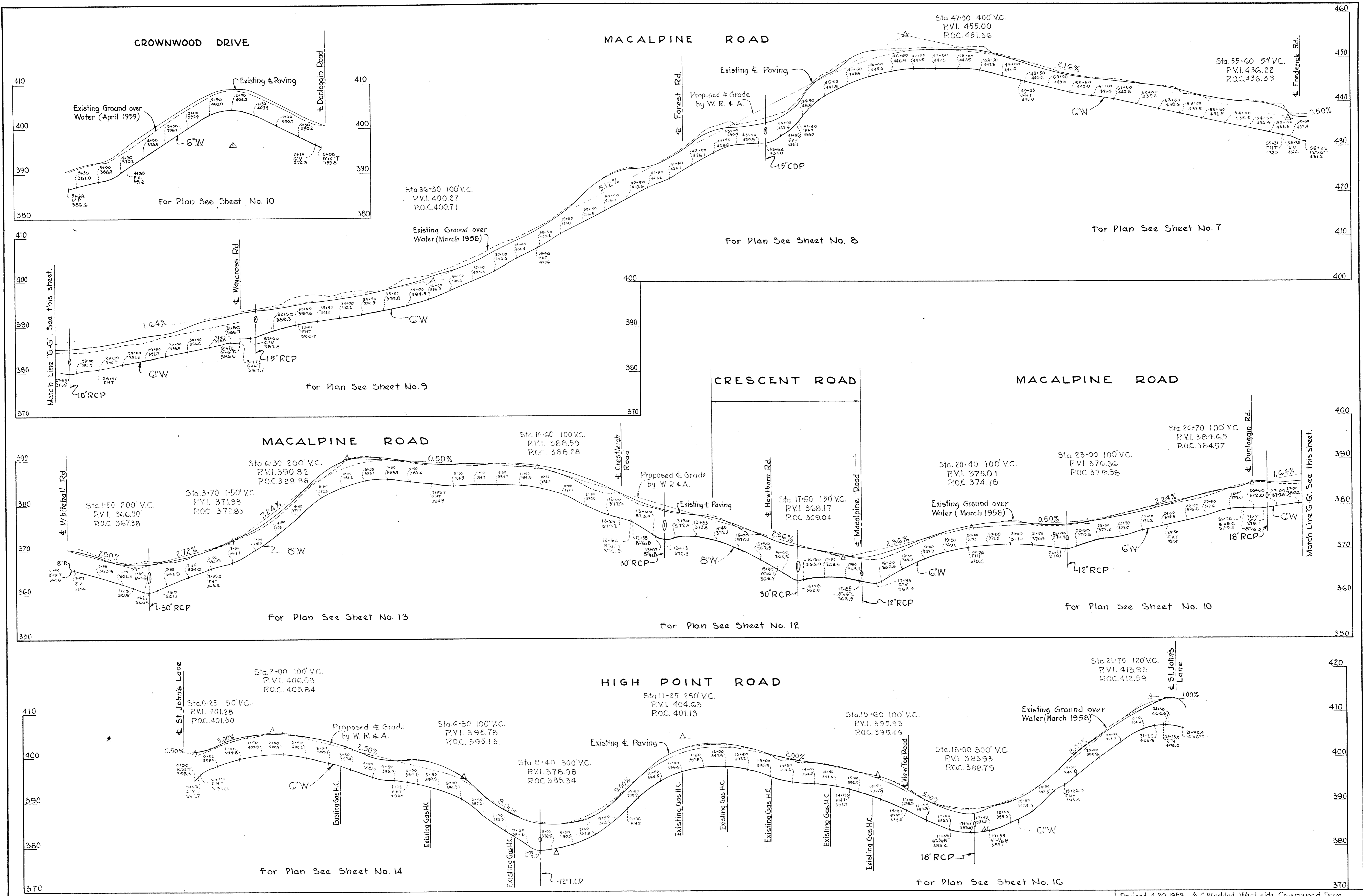
CONTRACT NO. 10W

PROFILE OF
 WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

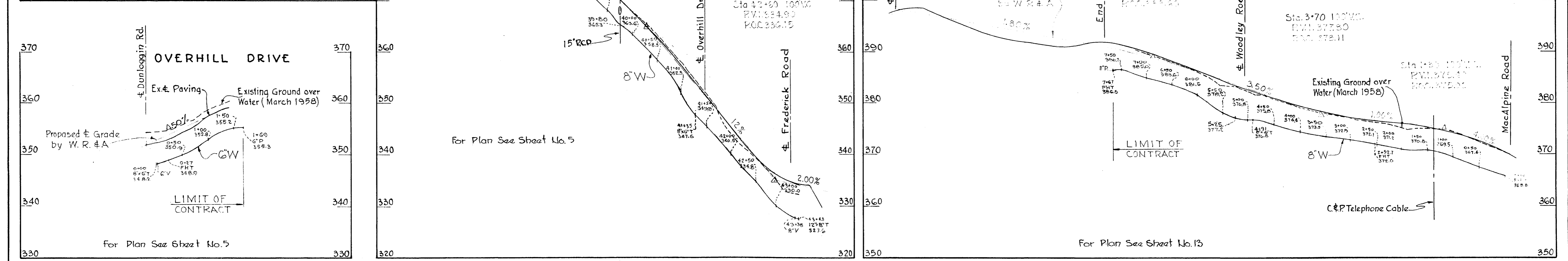
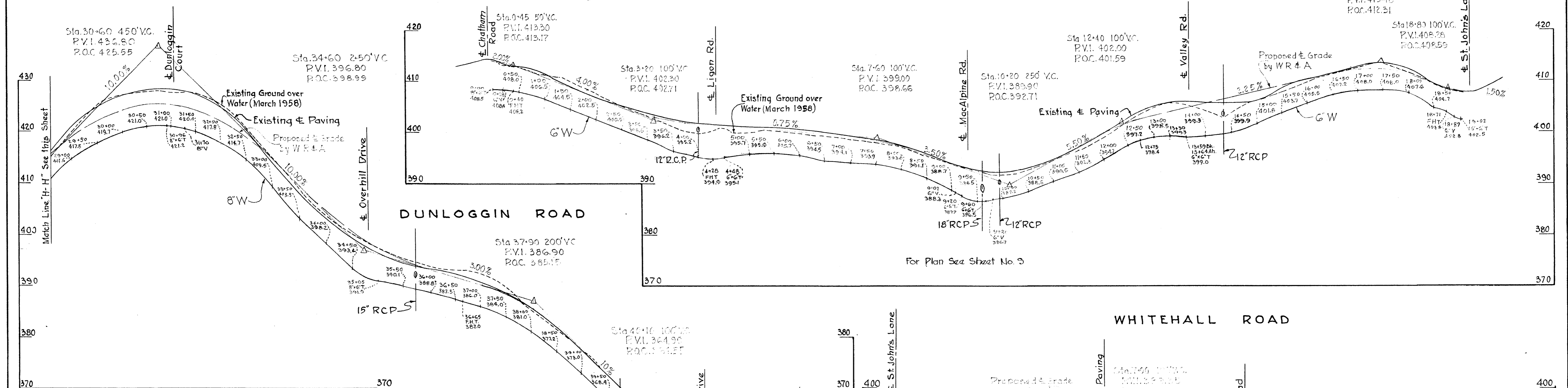
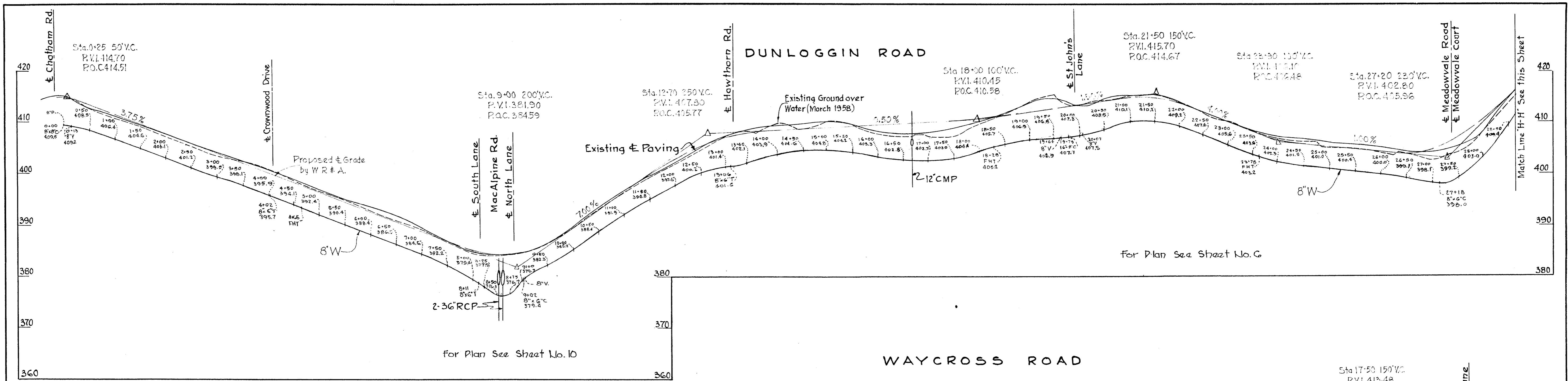
DRAWING
 NO. 20
 OF 24

SCALE
 H=1"=100'
 V=1"=10'

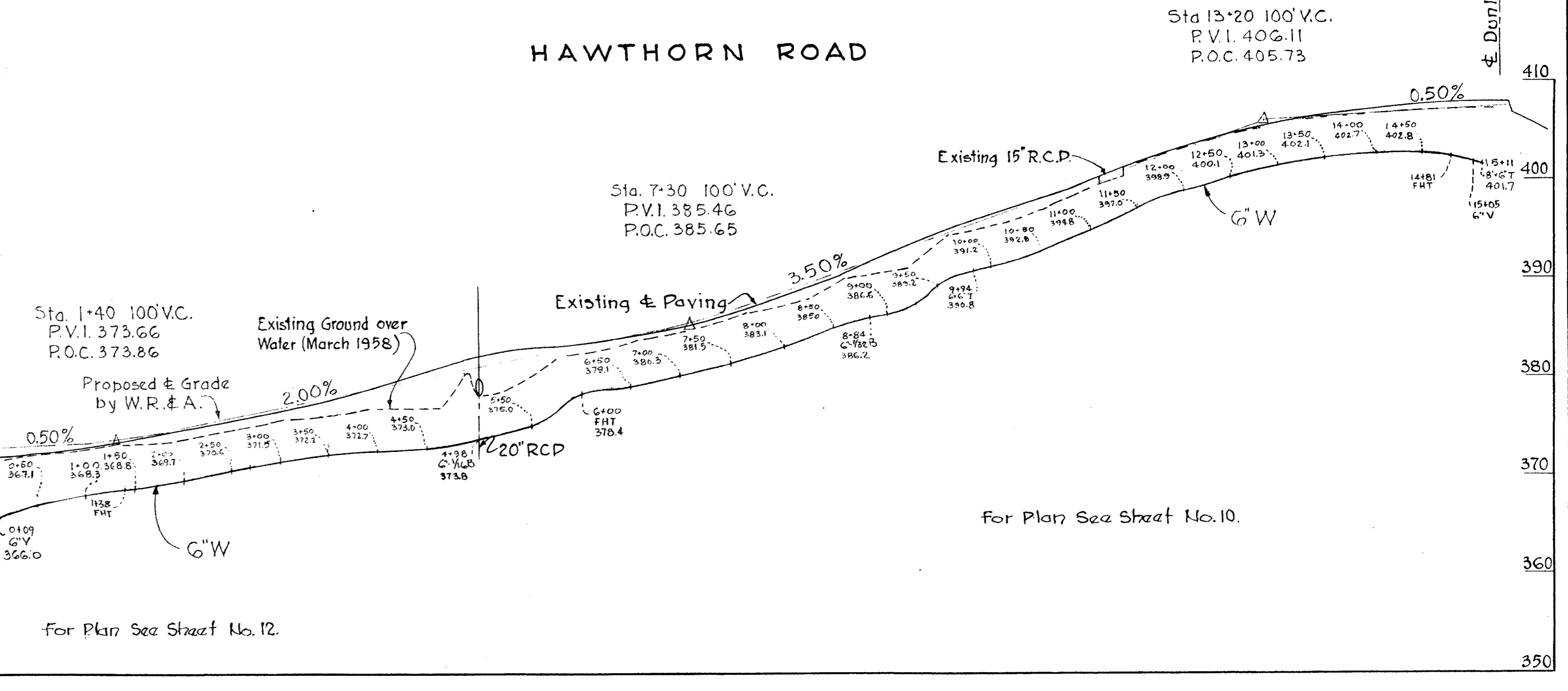
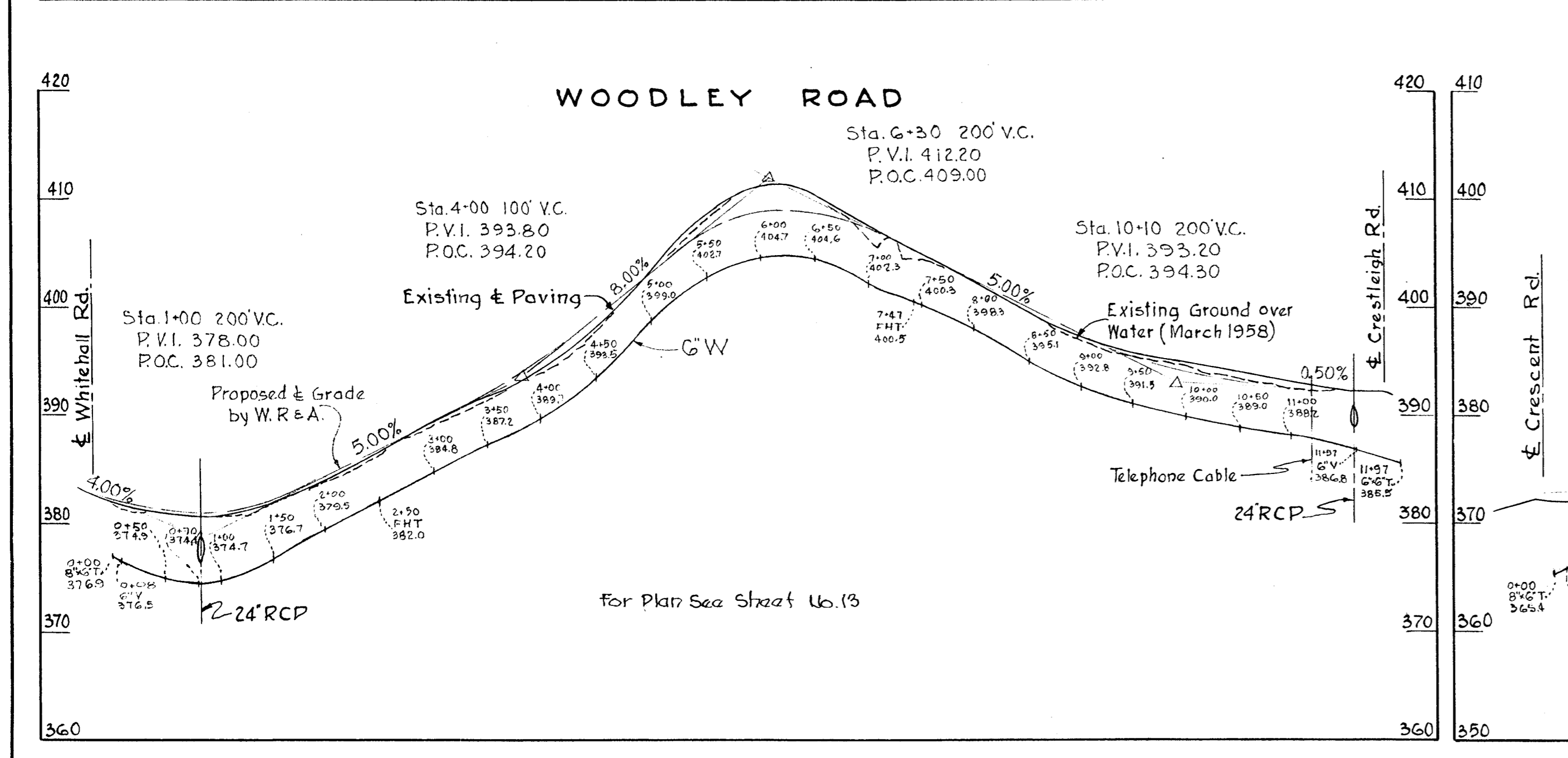
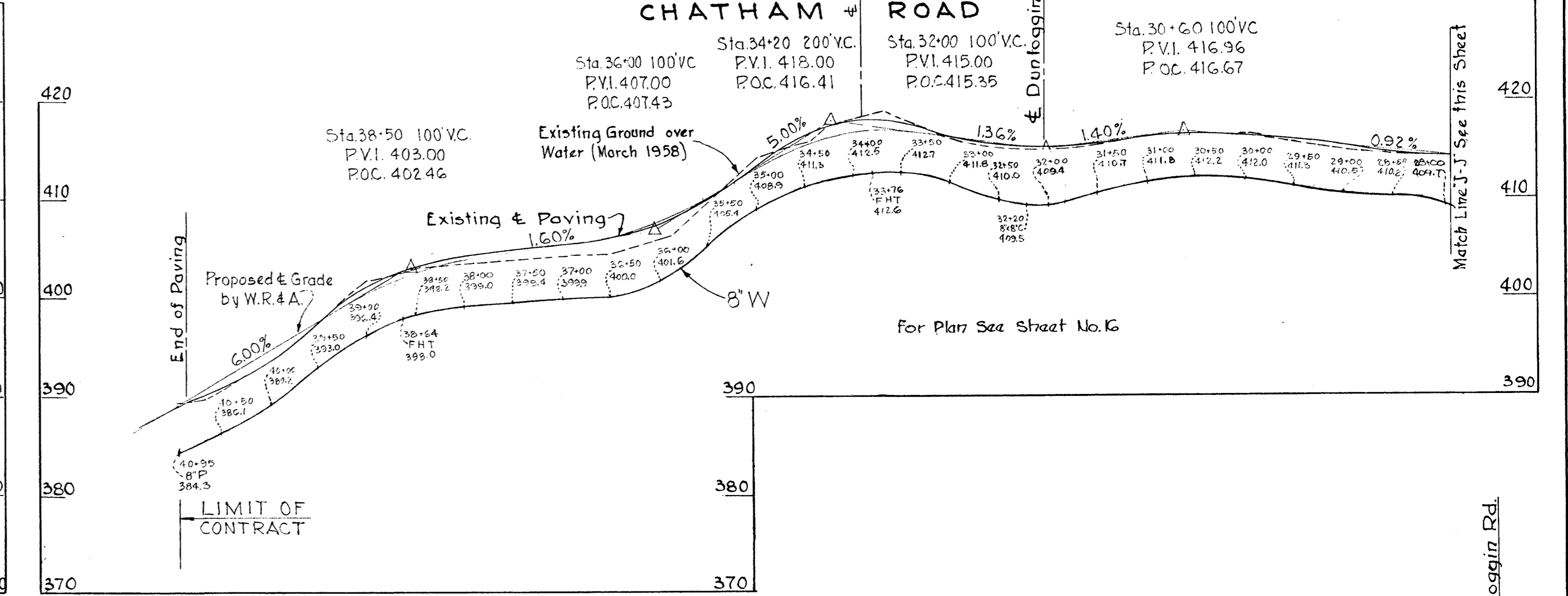
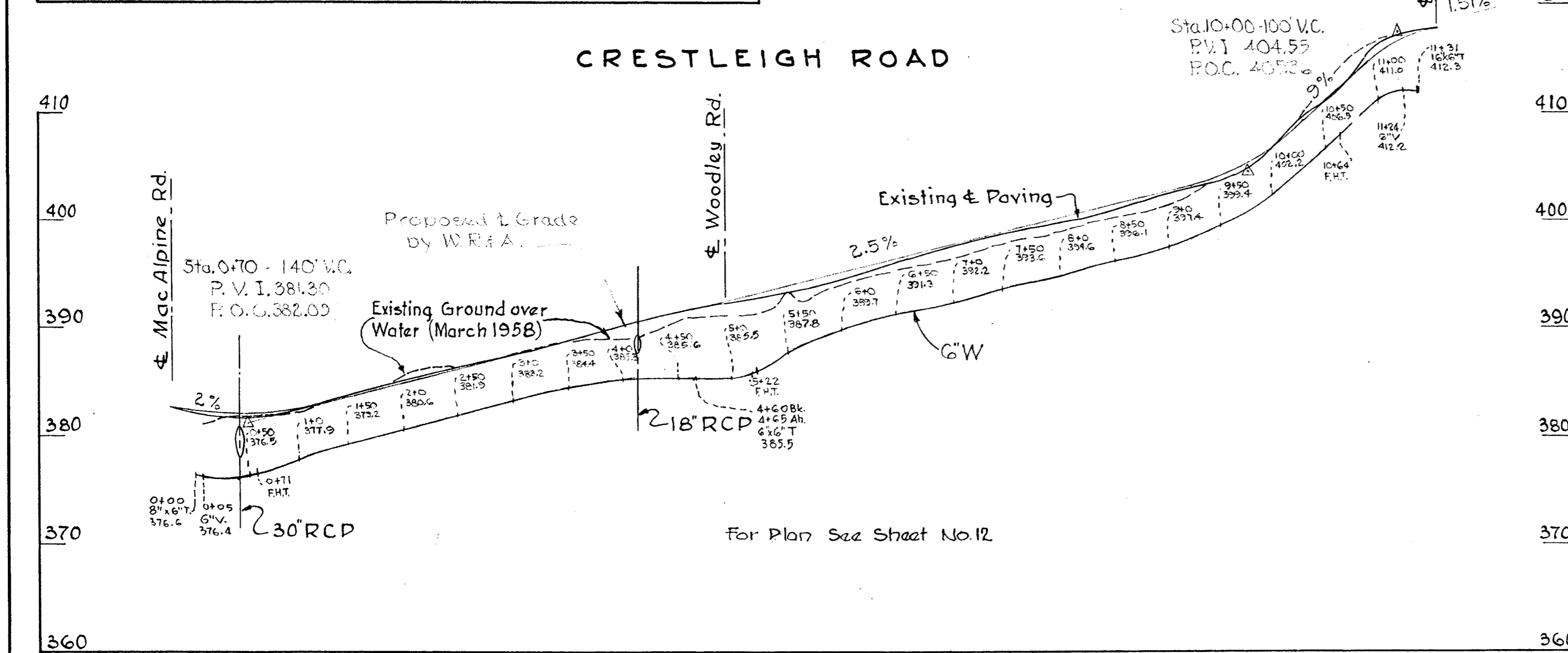
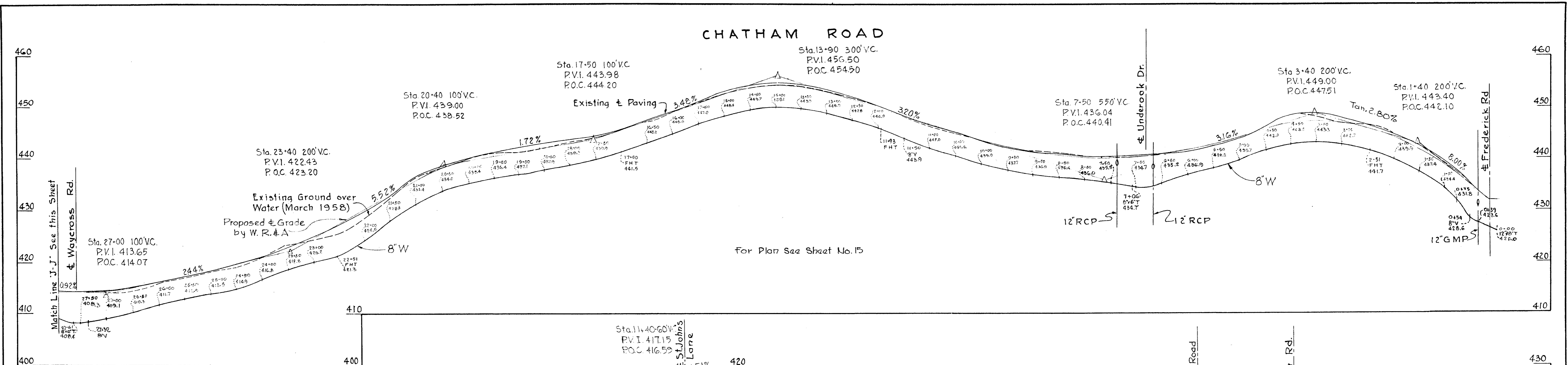


Revised 4-20-1959 Δ G.W. added West side Crownwood Drive

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS & ARCHITECTS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: January 3, 1959 CHAIRMAN: [Signature]	CONTRACT NO. 10W	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 21 OF 24 SCALE: H-1"=100' V-1"=10' AS BUILT
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WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1953 DATE	CONTRACT NO. 10 W	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 22 OF 24 SCALE H-1"=100 V-1"=10 AS BUILT
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WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 2, 1959 DATE	CONTRACT NO. 10W	PROFILE OF WATER MAIN EXTENSIONS	ELLCOTT CITY SUB-DISTRICT	DRAWING NO. 23 OF 24	SCALE H-1"=100' V-1"=10'
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