

CONTRACT 10W WATER MAIN EXTENSIONS

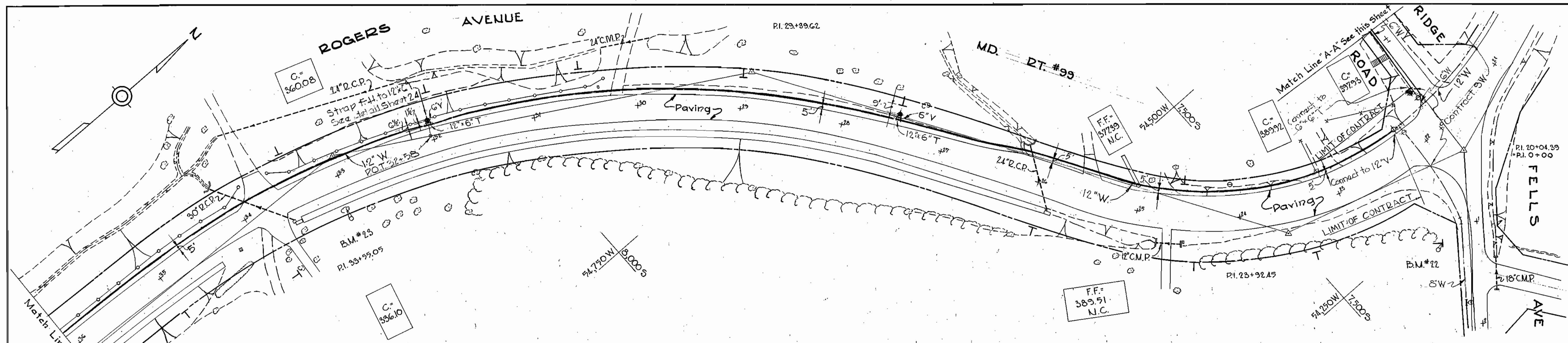
HOWARD COUNTY METROPOLITAN COMMISSION ELLICOTT CITY SUB-DISTRICT

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1955 <i>Carl W. Meyer</i> DATE CHAIRMAN	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

AS BUILT

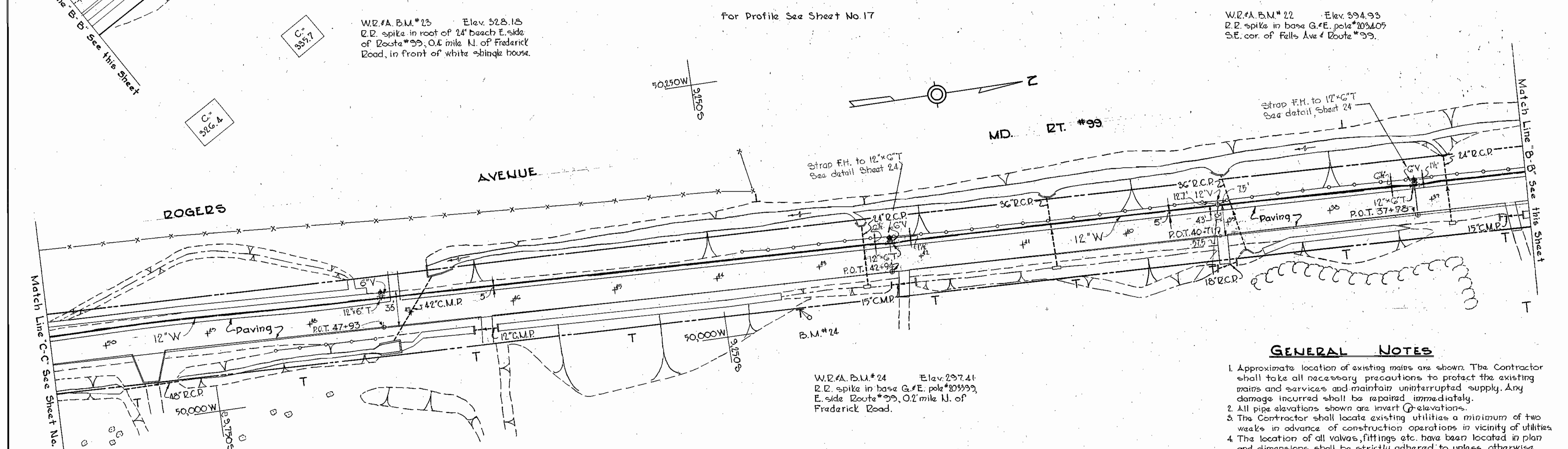
WS 10W/1



W.D.#A B.M.#23 Elev. 328.18
 R.R. spike in root of 24\"/>

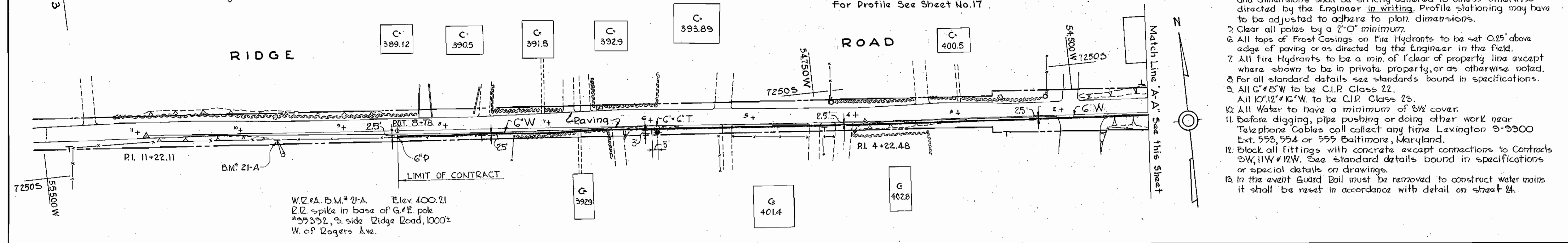
For Profile See Sheet No.17

W.D.#A B.M.#22 Elev. 334.93
 R.R. spike in base G.#E. pole #203405
 S.E. cor. of Falls Ave & Route #99.



W.D.#A B.M.#24 Elev. 297.41
 R.R. spike in base G.#E. pole #203993
 E. side Route #99, 0.2 mile N. of
 Frederick Road.

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" & 8" W to be C.I.P. Class 22.
 All 10" & 12" W to be C.I.P. Class 28.
10. All Water to have a minimum of 3 1/2' cover.
11. Before digging, pipe pushing or doing other work near Telephone Cables call collect any time Lexington 9-5500 Ext. 553, 554 or 555 Baltimore, Maryland.
12. Block all fittings with concrete except connections to Contracts 3W, 11W & 12W. See standard details bound in specifications or special details on drawings.
13. In the event Guard Rail must be removed to construct water mains it shall be reset in accordance with detail on sheet 24.

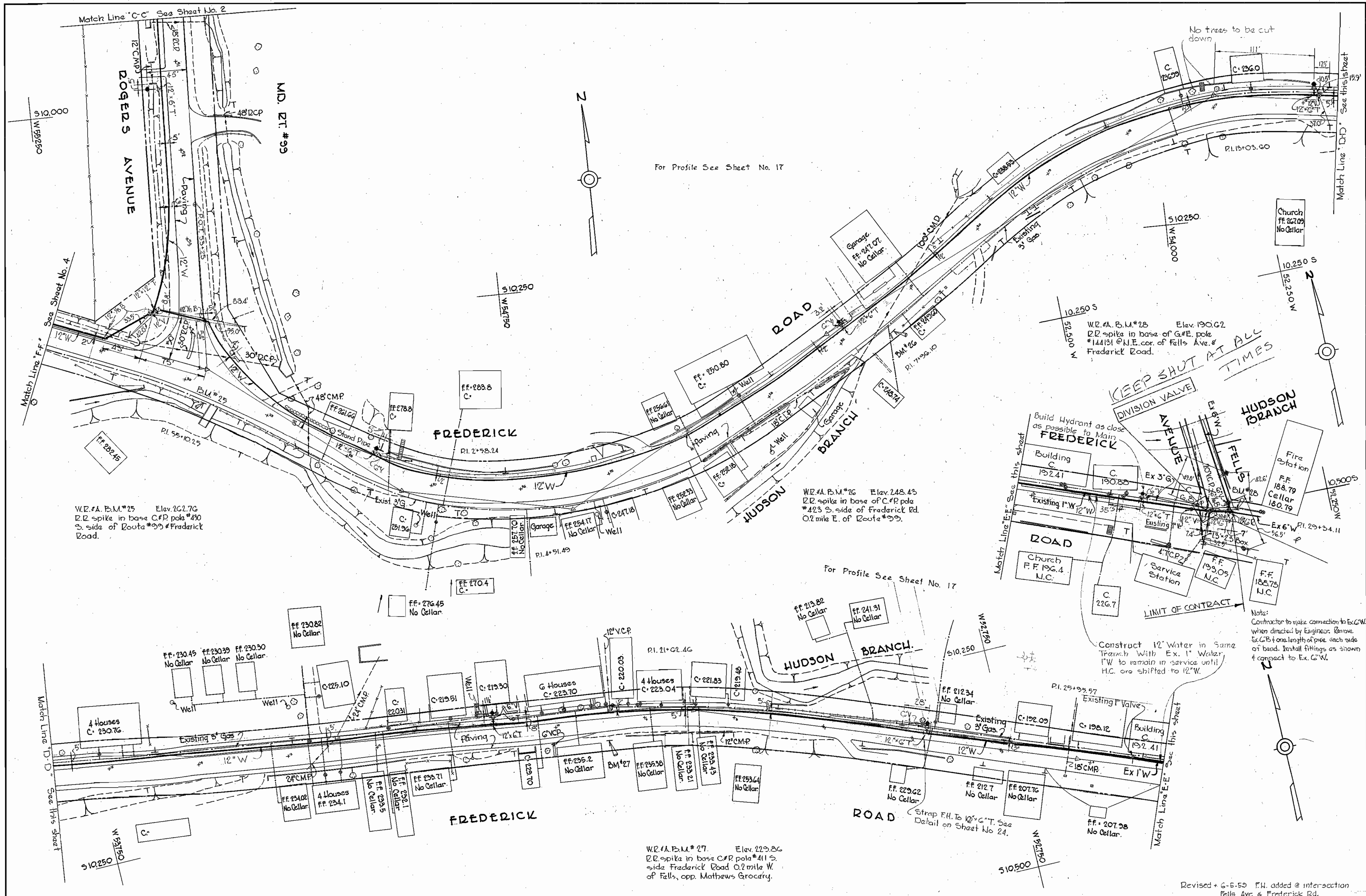
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 2	SCALE 1"=50' 8 1/2" X 11" 9 1/2" X 11" 10 1/2" X 11"
					OF 24	

W.0.4649

AS BUILT

WS 10W/2

WS 10W/3

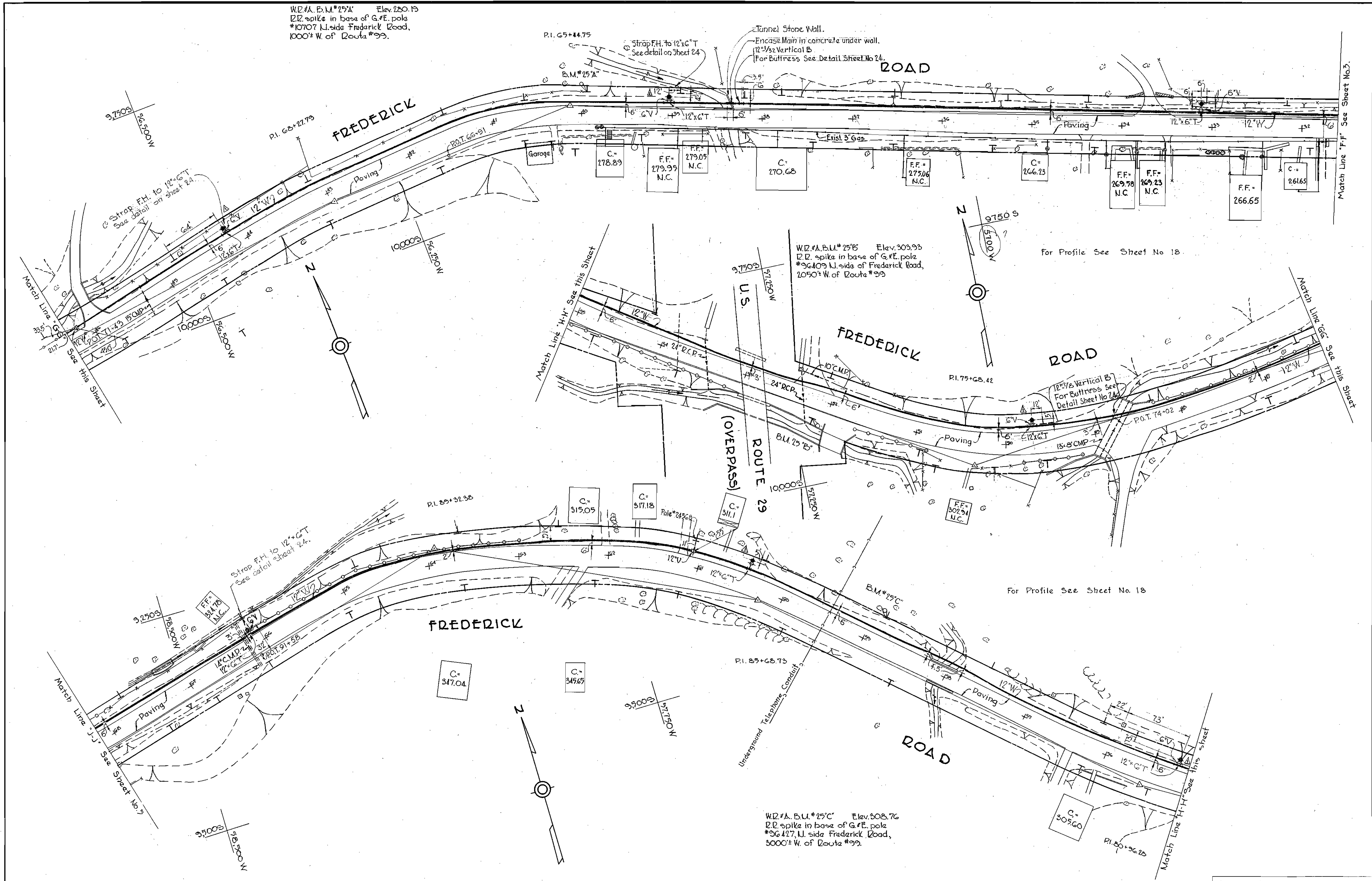


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 3 OF 24	SCALE 1" = 50' 11S W 36 11S W 37
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W.O. 4C.49

AS BUILT

WS 10W/4



W.D.#A.B.U.#25'A Elev. 280.19
 D.R. spike in base of G.F.E. pole
 *10707 N. side Frederick Road,
 1000'± W. of Route #99.

W.D.#A.B.U.#25'B Elev. 309.93
 D.R. spike in base of G.F.E. pole
 *96409 N. side of Frederick Road,
 2050'± W. of Route #99

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

△ Revised 3-26-1959
 Fire hydrants relocated.

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

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

CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

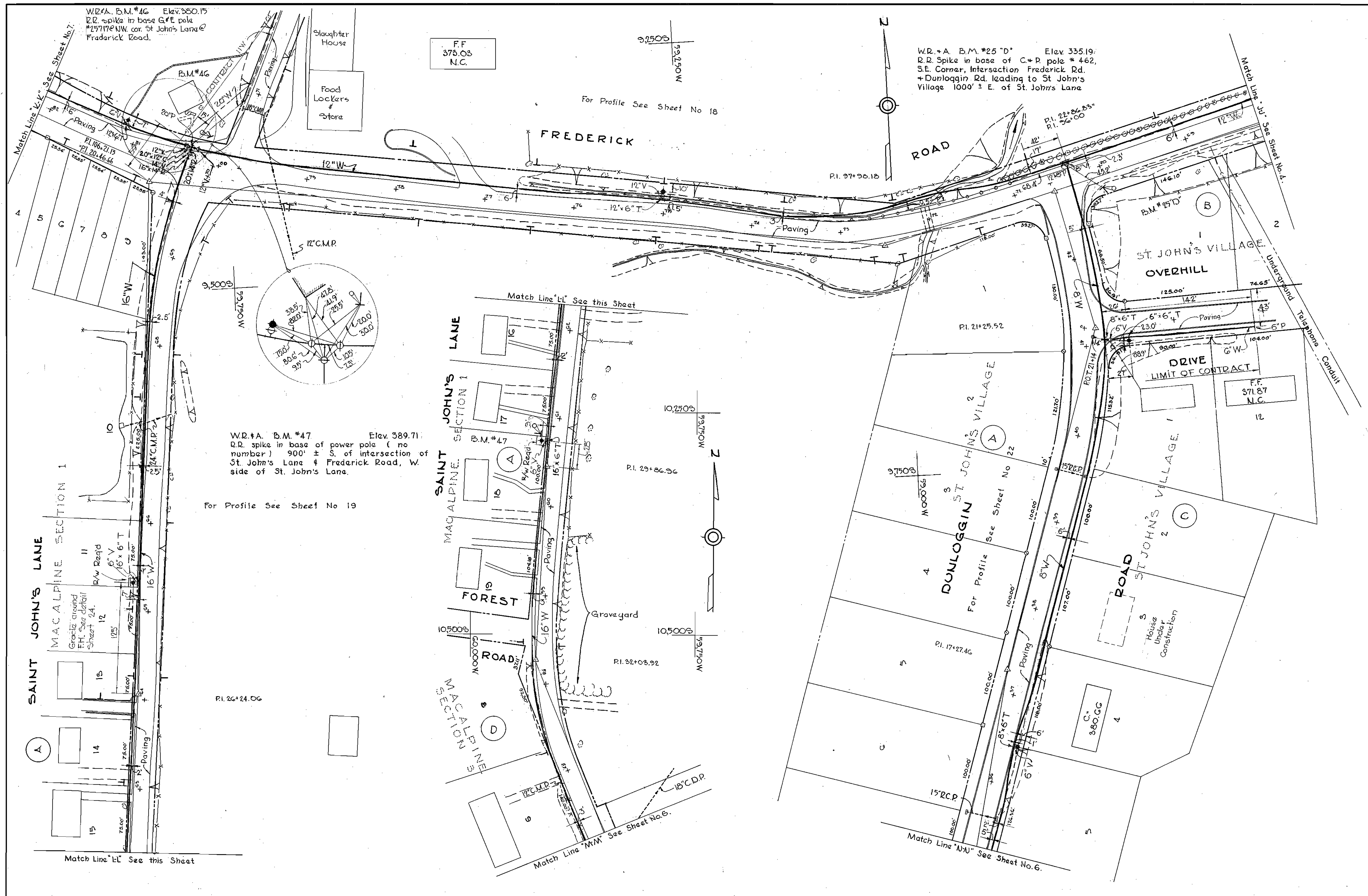
ELLCOTT CITY SUB-DISTRICT

DRAWING NO. 4 OF 24	SCALE	105W 38
	1" = 50'	115W 37

W.O. 4649

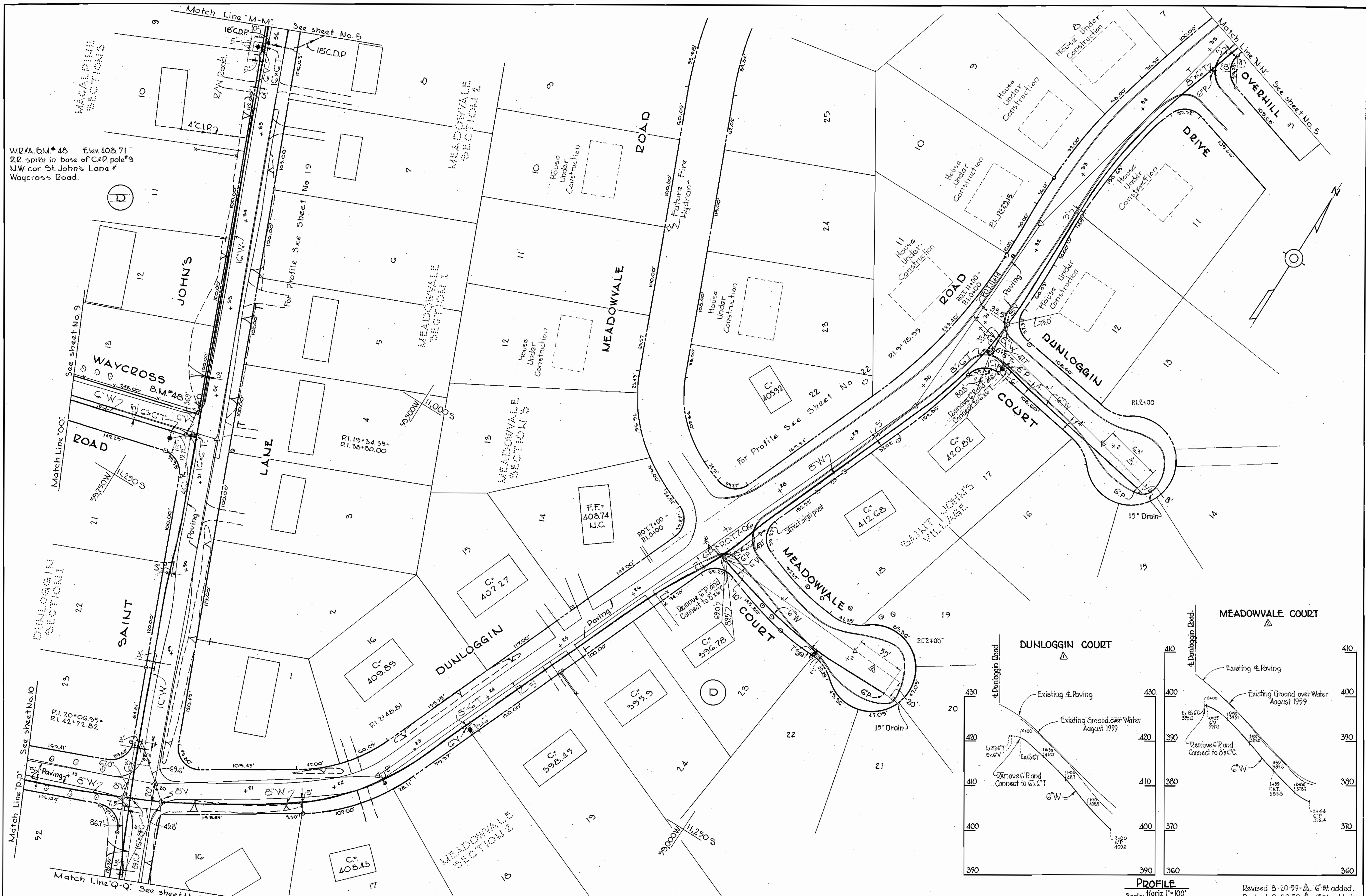
AS BUILT

WS 10W/5

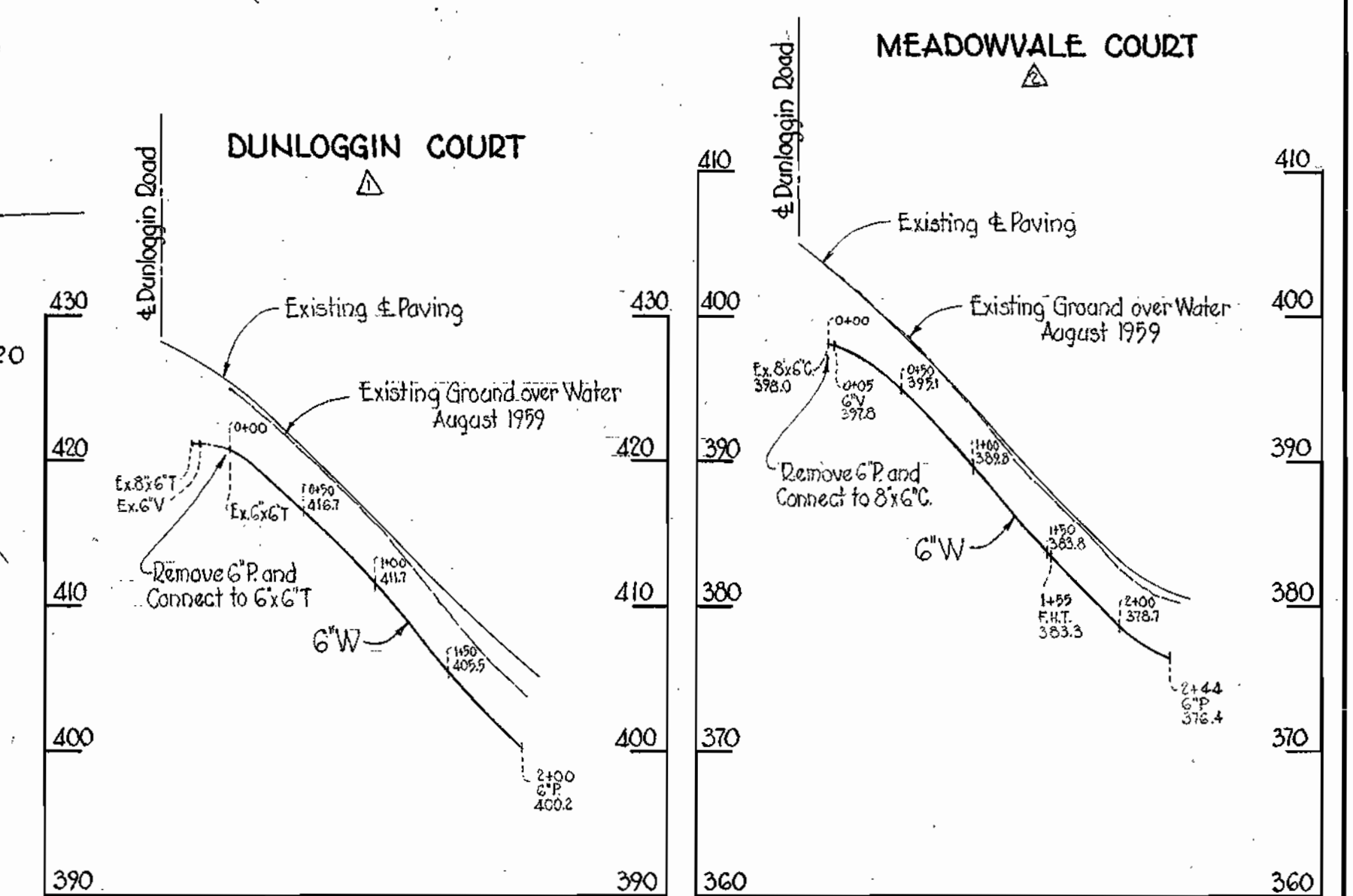


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 5 OF 24 SCALE 1"=50' 10 SW 40
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W.O.4649 AS BUILT



W.D.A. B.M. # 48 Elev. 408.71
 B.R. spike in base of C.P. pole #9
 N.W. cor. St. John's Lane &
 Waycross Road.



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

HOWARD COUNTY METROPOLITAN COMMISSION
 January 3, 1993
Carl W. Meyer
 CHAIRMAN

CONTRACT NO. 10W

PLAN OF WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

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

W.O. 4649

AS BUILT. F.B. #2236

WS 10W/6

WS 10W/7

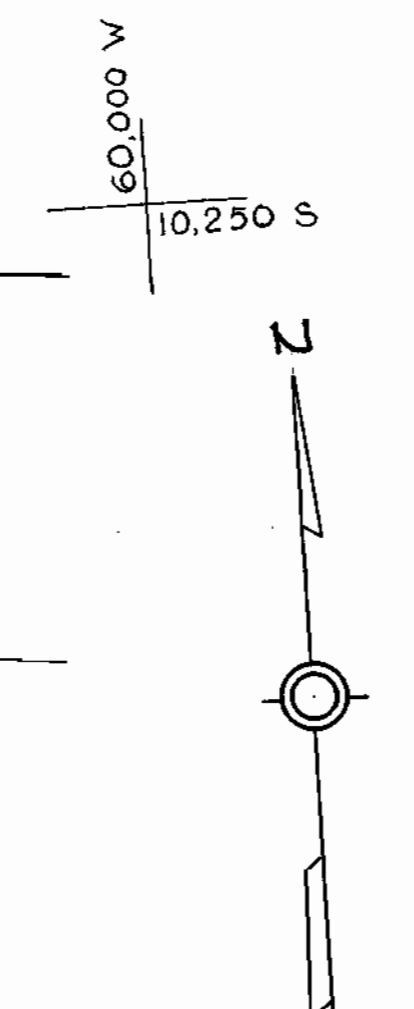


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 7 OF 24	SCALE 1" = 50' 105W41
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W.C. 4649

AS BUILT

WS 10W/8



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1979 <i>Carl W. Meyer</i> DATE CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 8	SCALE 1"=50' 10SW41 11SW41
					OF 24	

WO.4649

AS BUILT

WS 10W/9



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 9, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 9 OF 24	SCALE 1" = 50' (15W41) (125W41)
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W.O.4649

AS BUILT

WS 10W/10



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 4-9-59
 Revised 2-13-1959
 Δ C.W. added West side Crownwood Drive
 Δ C.W. added West side Macalpine Road between Dunloggin & Crescent Roads.
 Δ S.W. changed to C.W. on East side of Macalpine Road between above limits.

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

HOWARD COUNTY METROPOLITAN COMMISSION
 January 3, 1958
 DATE
Carl W. Neuman
 CHAIRMAN

CONTRACT NO. 10W

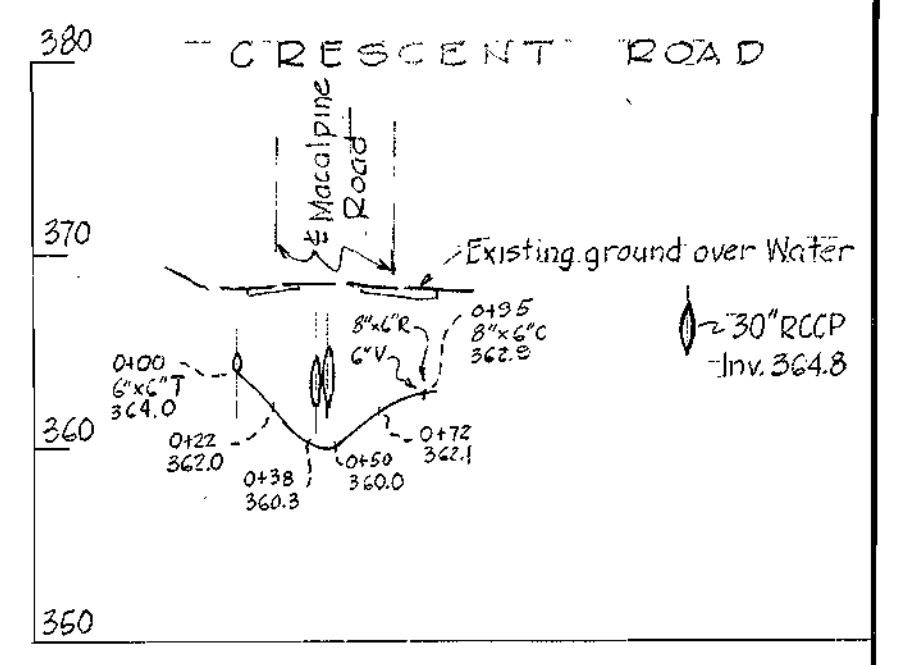
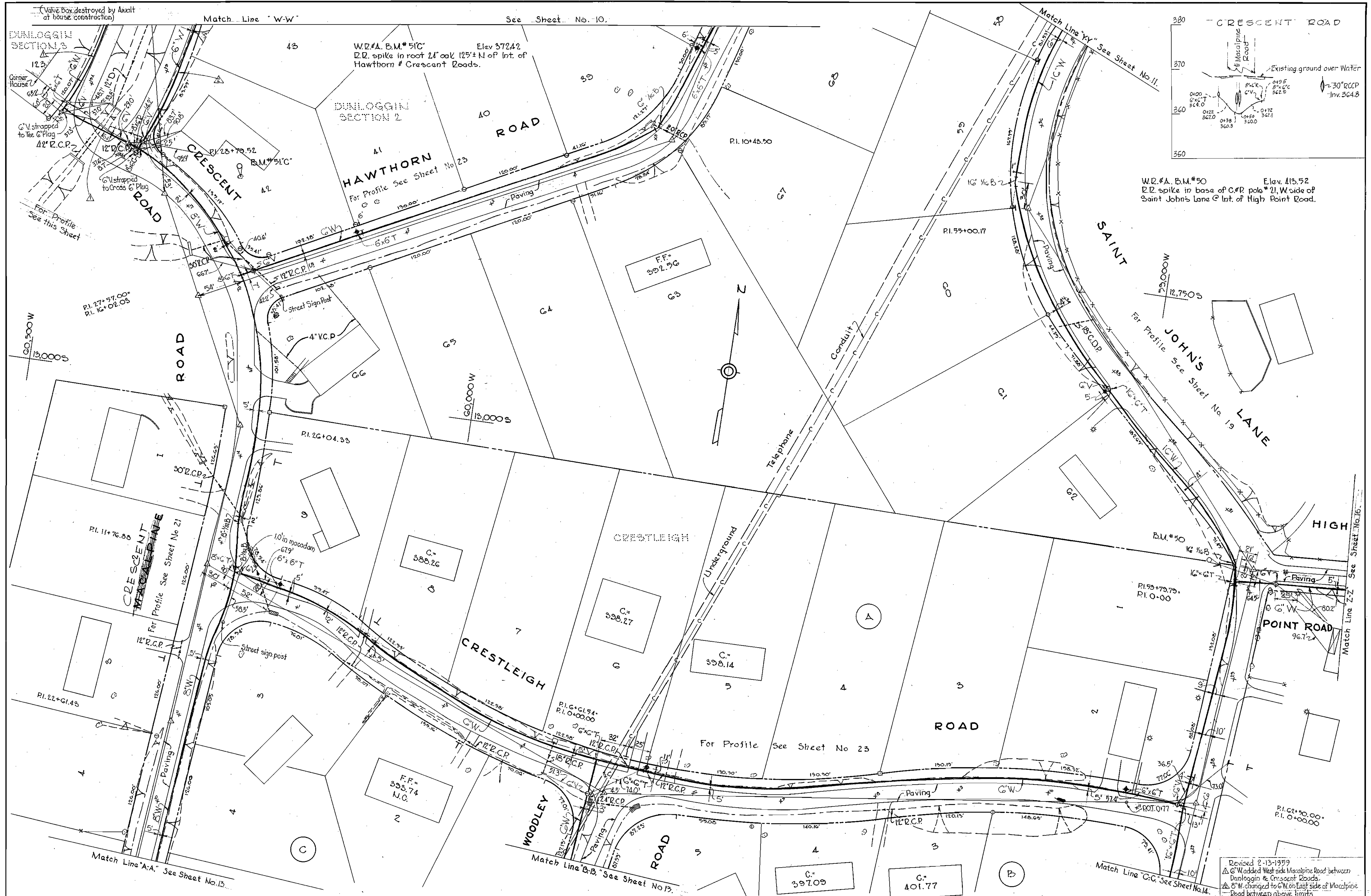
PLAN OF WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

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

W.O. 4C49

F.B. #2326 AS BUILT



W.R.#A, B.M.#50 Elev. 113.52
 I.R. 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 6\"/>

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyers</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	<table border="1"> <tr> <td>DRAWING NO. 12 OF 24</td> <td>SCALE 1"=50'</td> <td>14SW40</td> <td>14SW41</td> </tr> </table>	DRAWING NO. 12 OF 24	SCALE 1"=50'	14SW40	14SW41
DRAWING NO. 12 OF 24	SCALE 1"=50'	14SW40	14SW41						

AS BUILT

WS 10W/12

W.D.#A. B.M.#51'B ELEV. 367.21
 2" R. spike in base of C&P pole
 #12 SW cor. of Macalpine/Whitball
 Rds.



W.D.#A. B.M.#51'A ELEV. 384.78
 2" R. spike in base of C&P pole #25705
 N. side of Whitehall Rd. 60± E. of
 Woodley Rd.



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

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

CONTRACT NO. 10W

PLAN OF
 WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

DRAWING
 NO. 13
 OF 24

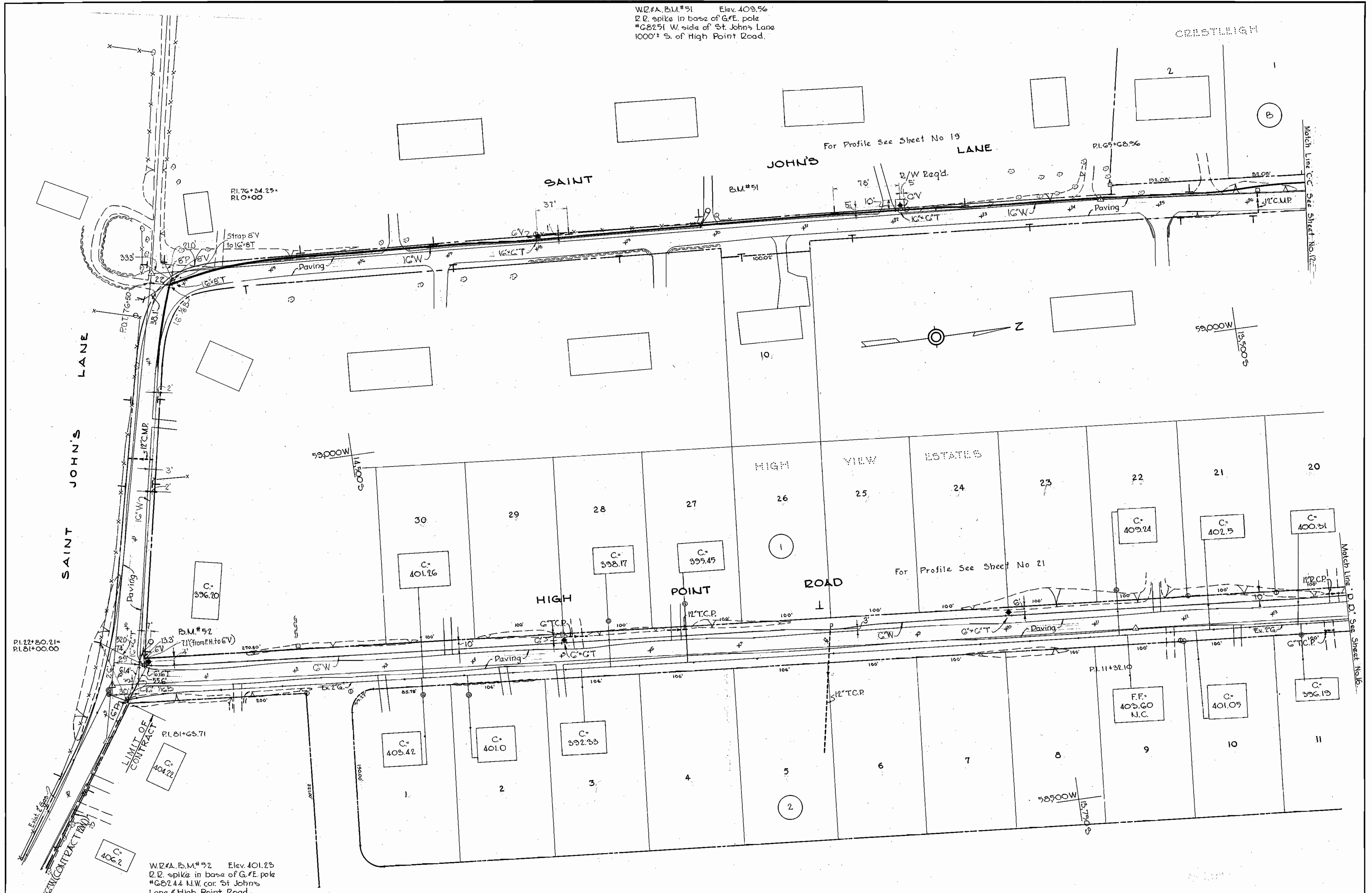
SCALE
 1" = 50'
 14#15 SW40
 14#15 SW41

WO. 4649

AS BUILT

WS 10W/13

W.R.#A. B.M.#51 Elev. 403.56
 R.R. spike in base of G.F.E. pole
 *G8251 W. side of St. John's Lane
 1000' S. of High Point Road.

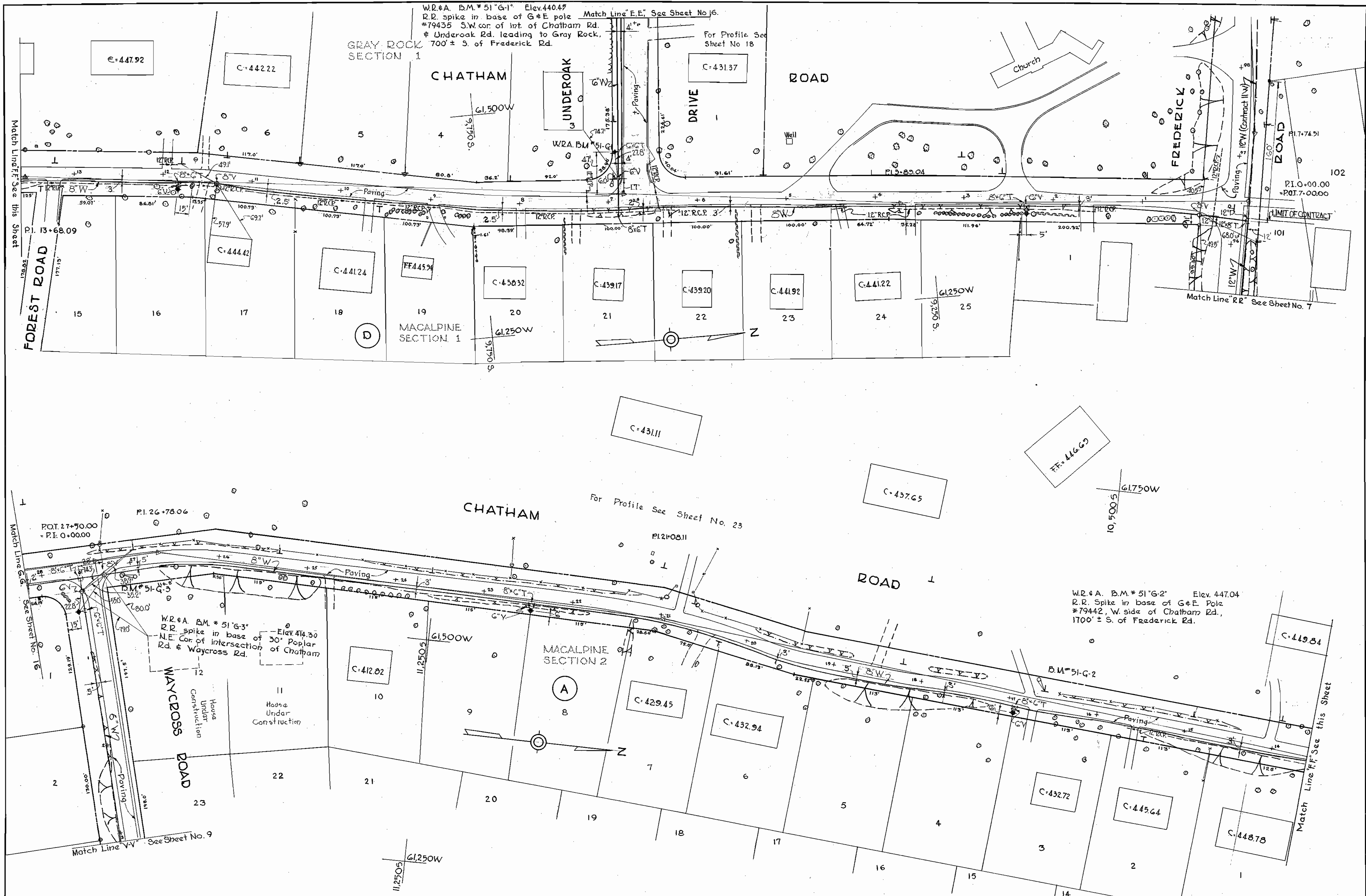


W.R.#A. B.M.#52 Elev. 401.25
 R.R. spike in base of G.F.E. pole
 *G8244 N.W. cor. St. John's Lane & High Point Road.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Charles W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 14 OF 24	SCALE 1" = 50' 14-SW-40 15-SW-40
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W.D. 4649

WS 10W/14



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

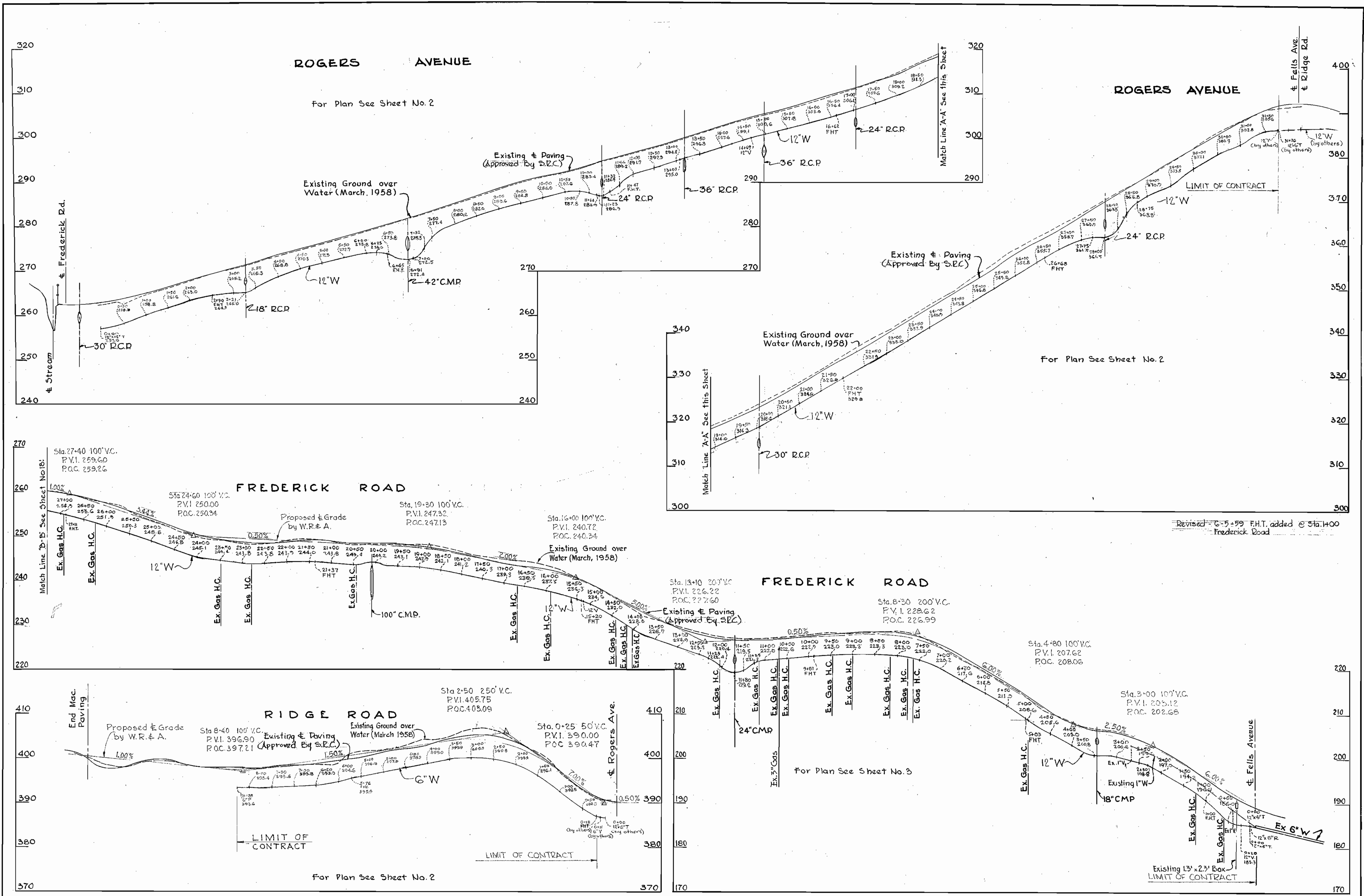
W.R.#A. B.M.*51'G-2" Elev.447.04
 R.R. Spike in base of G#E Pole
 #79442, W. side of Chatham Rd.,
 1700' ± S. of Frederick Rd.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1955 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 15 OF 24	SCALE 1" = 50' (10 SW 41-15 SW 1)
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W.O. 4649

AS BUILT

WS 10W/15



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

HOWARD COUNTY METROPOLITAN COMMISSION
January 2, 1959
DATE
Chairman

CONTRACT NO. 10W

PROFILE OF
WATER MAIN EXTENSIONS

ELLICOTT CITY SUB-DISTRICT

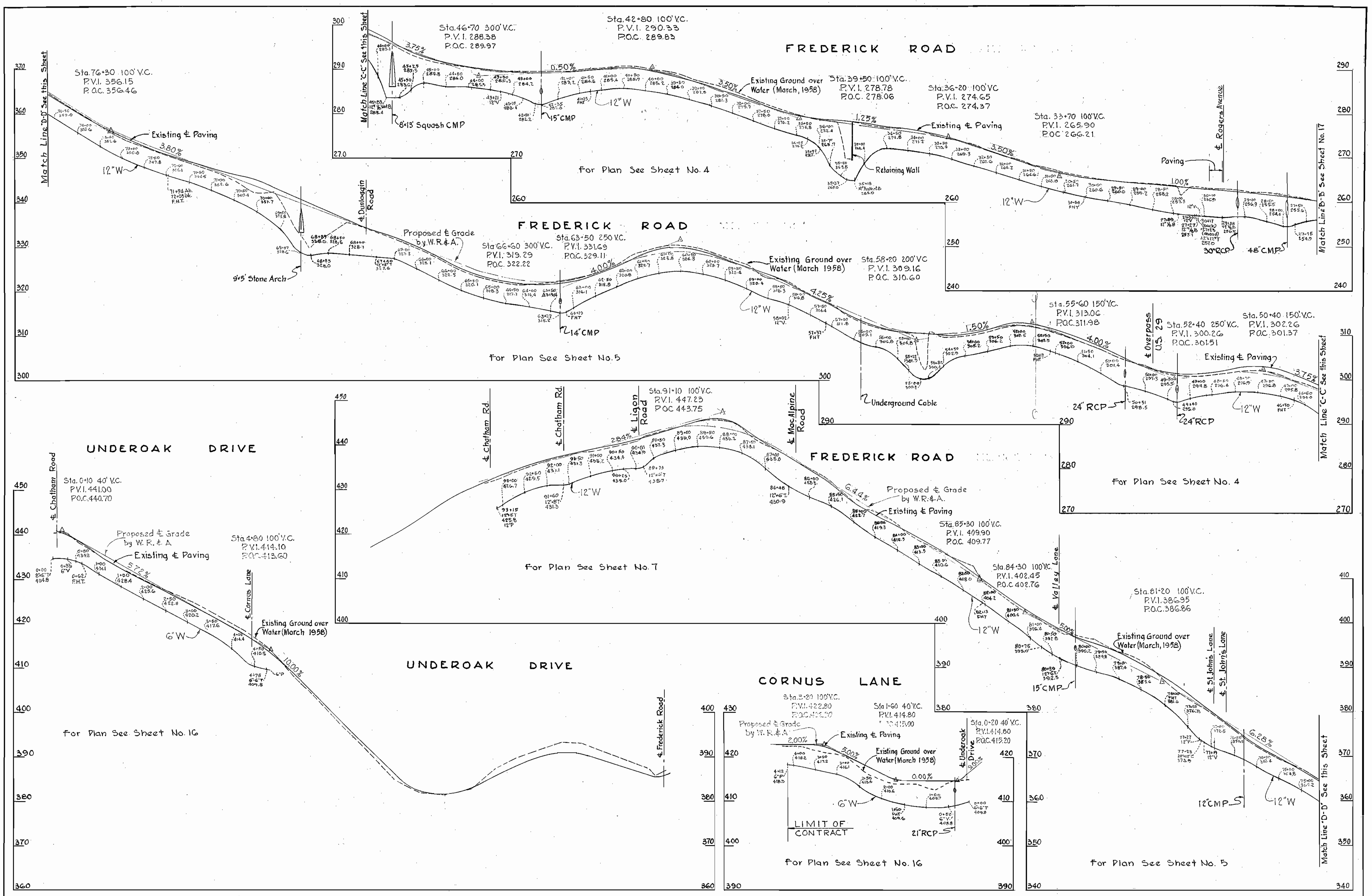
DRAWING
NO. 17
OF 24

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

AS BUILT

WS 10W/17

WS 10W/18

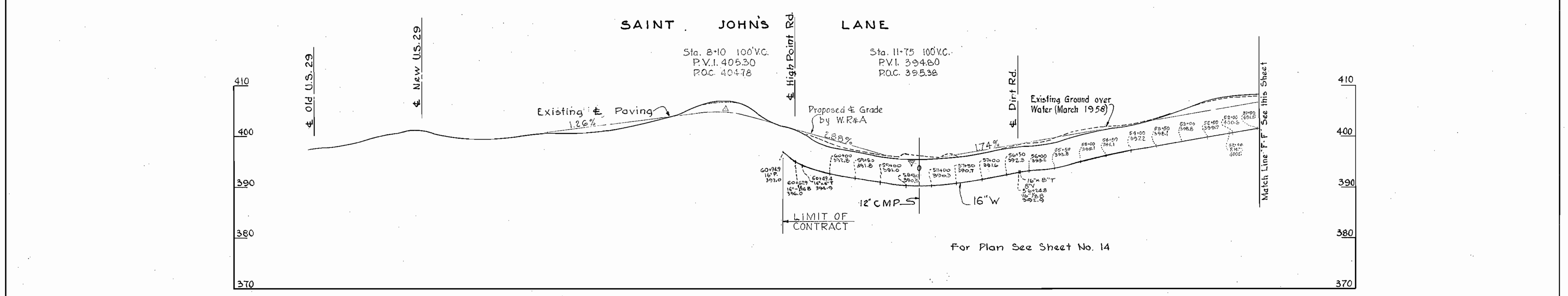
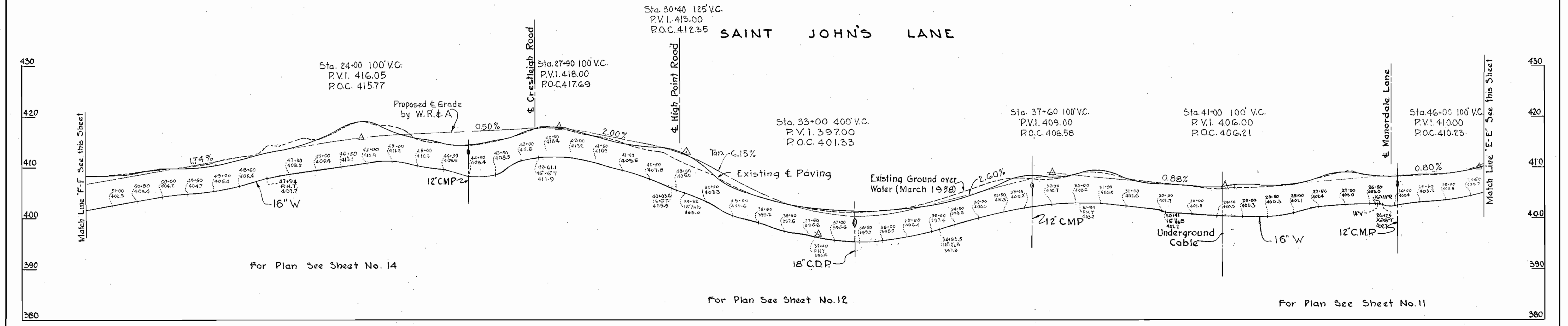
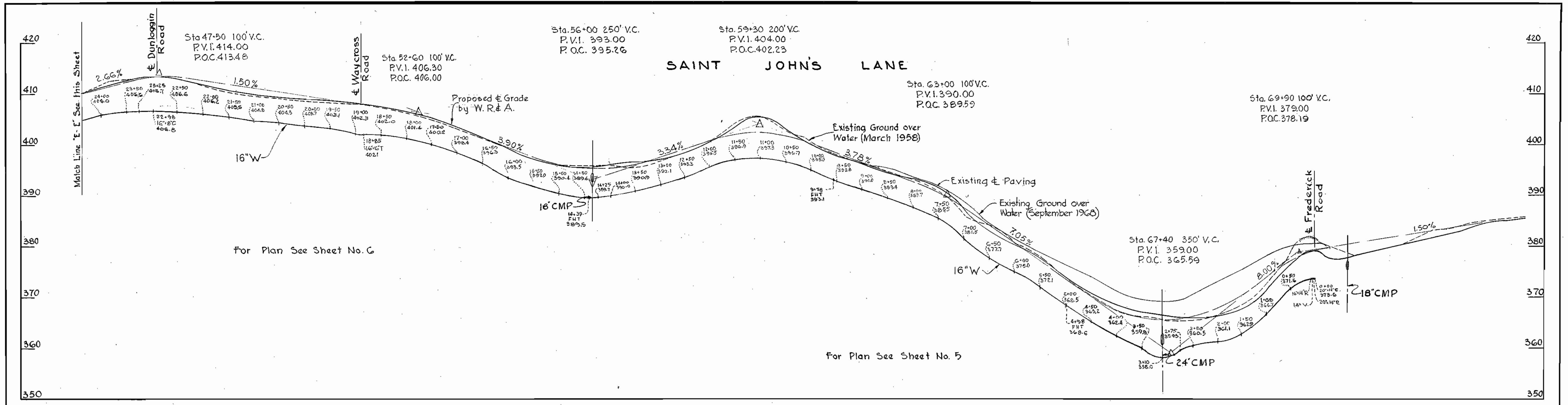


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>W. W. Meyer</i> CHAIRMAN	CONTRACT NO. 10 W	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 18 OF 24	SCALE H-1"=100' V-1"=10'
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W.O. 4649

AS BUILT

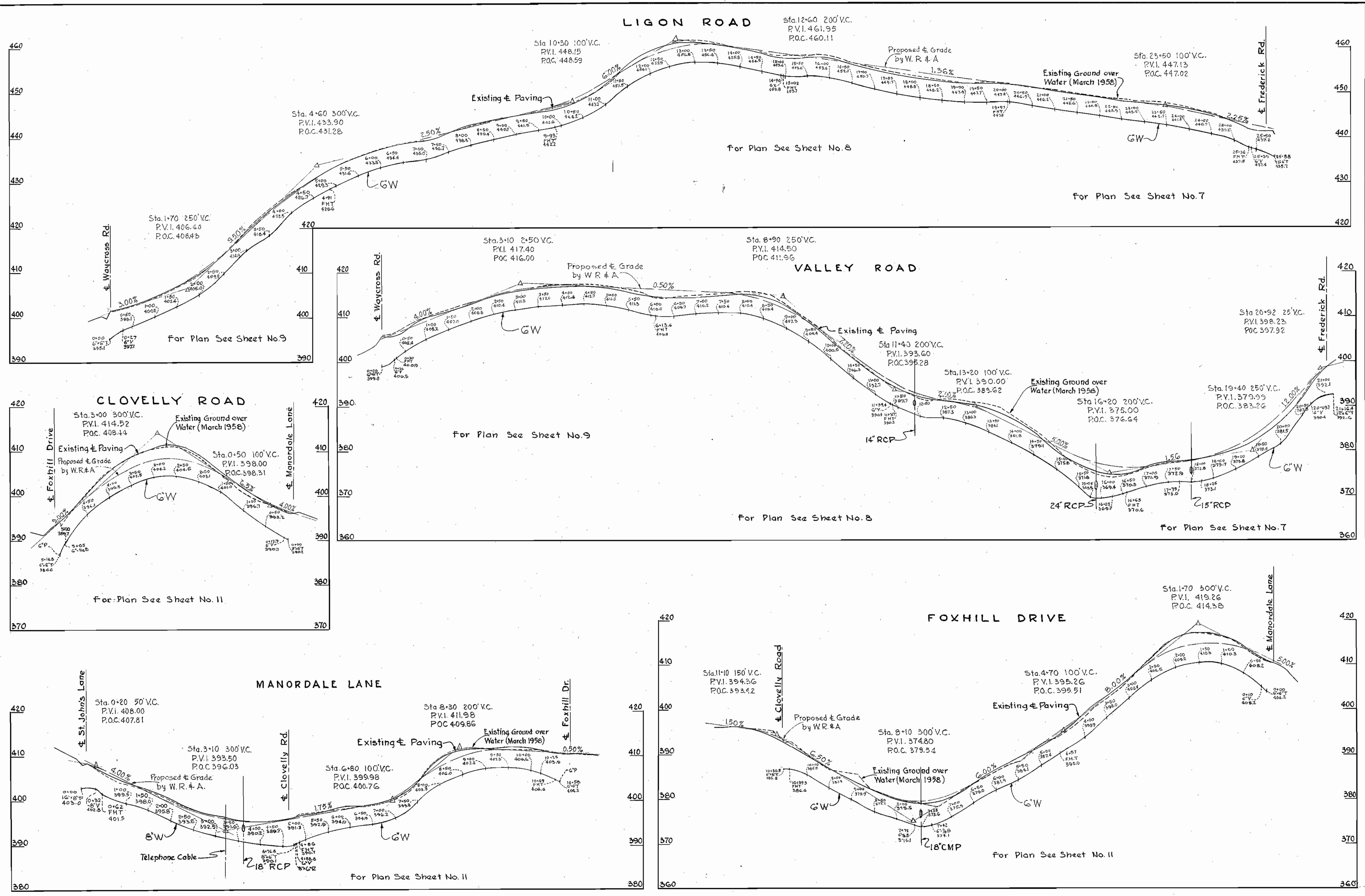
WS 10W/19



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1959 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 10W	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 19 OF 24	SCALE H-1"=40' V-1"=10'
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W.O. 4649

AS BUILT



WHITMAN, REQUARDT & ASSOCIATES
 ENGINEERS
 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

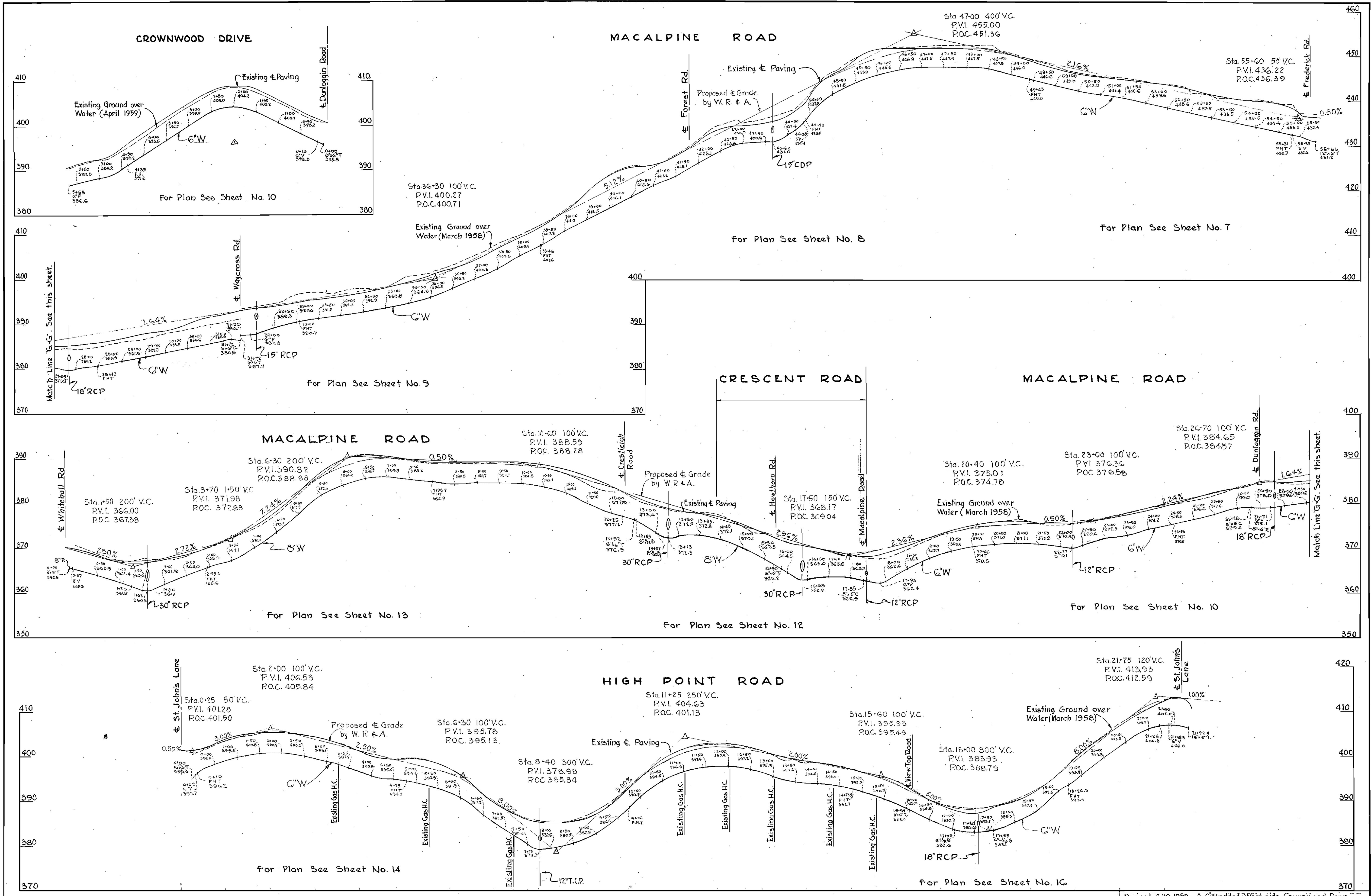
DRAWING
 NO. 20
 OF 24

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

AS BUILT

WS 10W/20

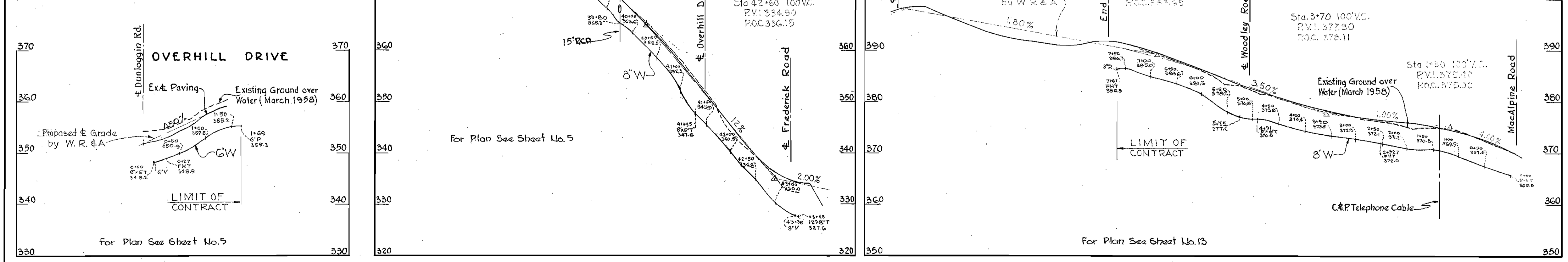
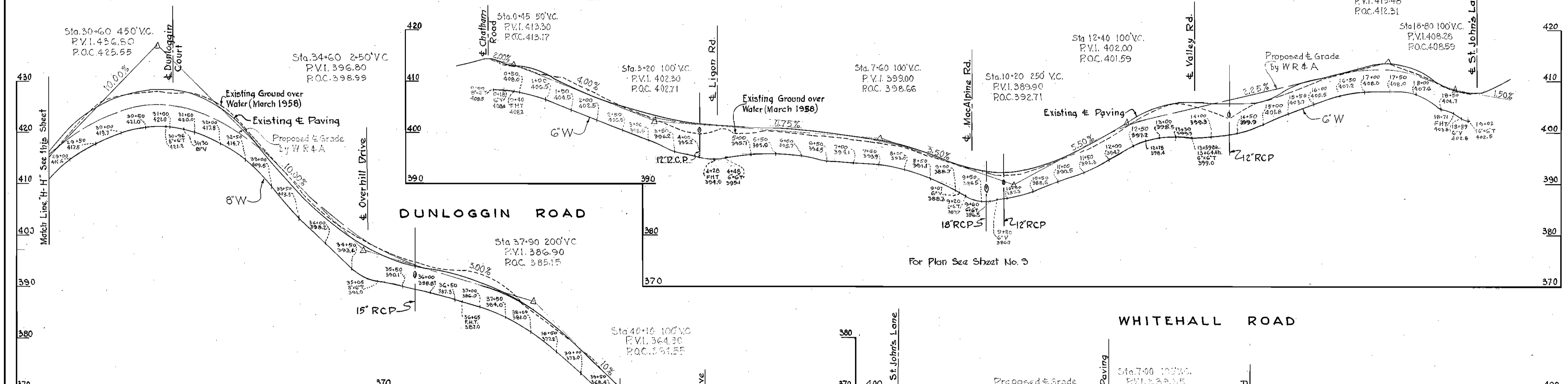
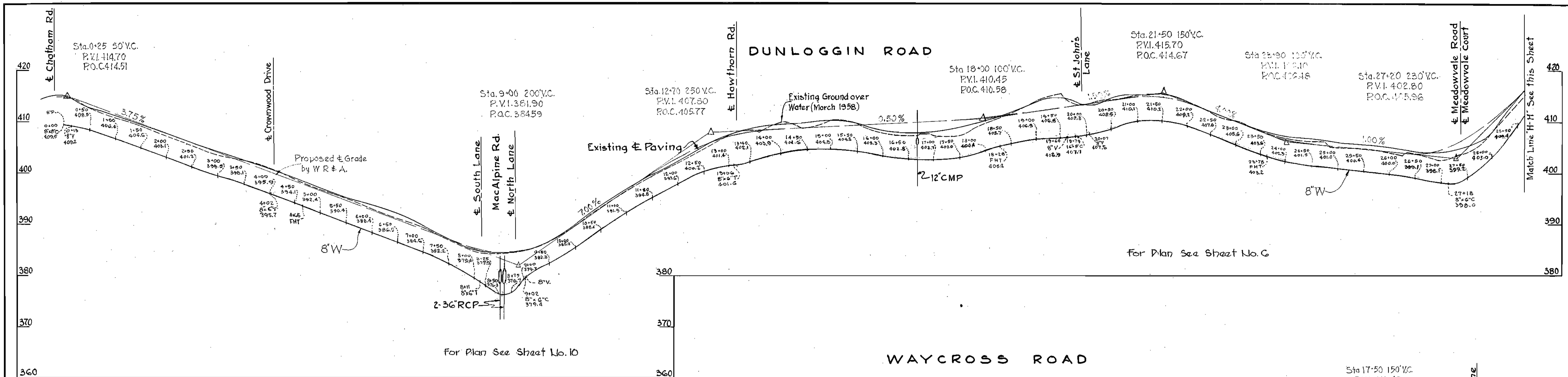
WS 10W/21



Revised 4-20-1999 Δ G'W added West side Crownwood Drive

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1999 DATE <i>Carl W. Meyer</i> CHAIRMAN	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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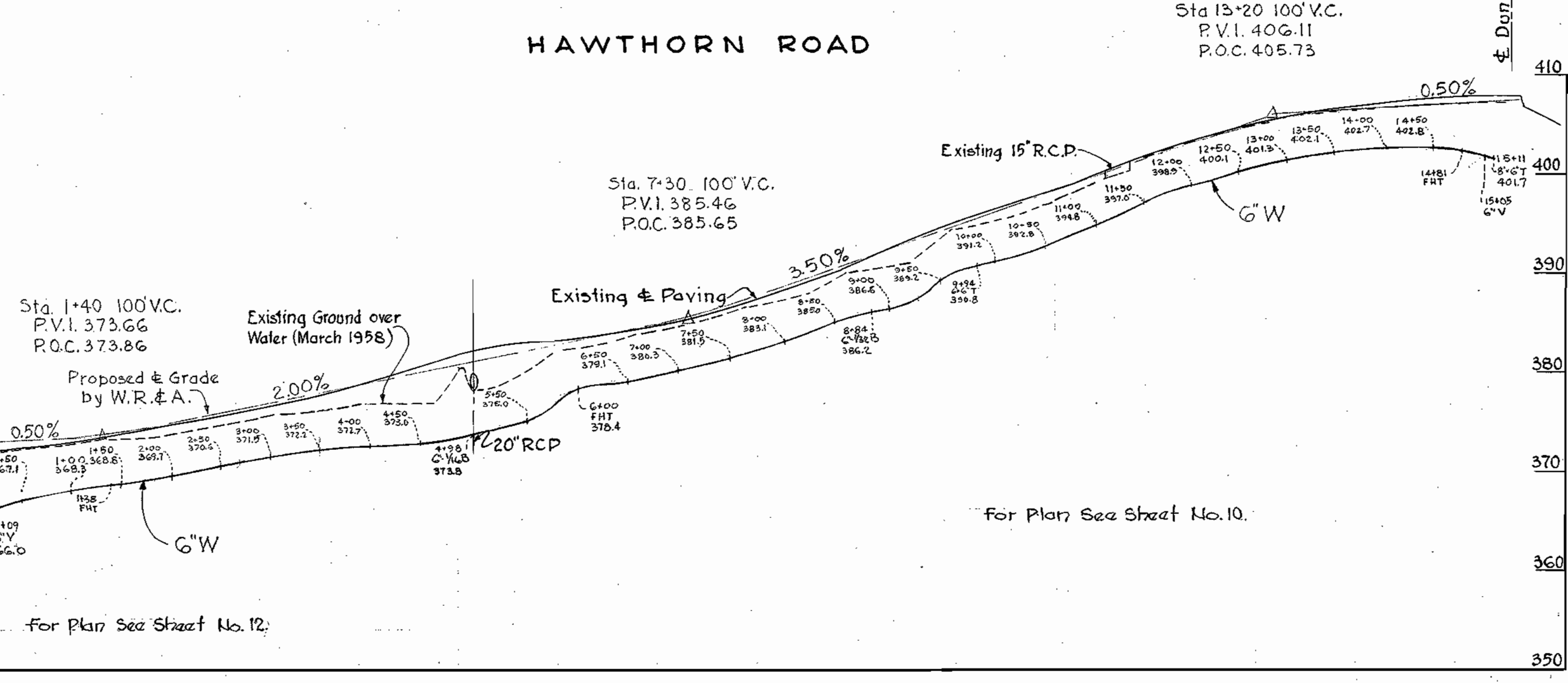
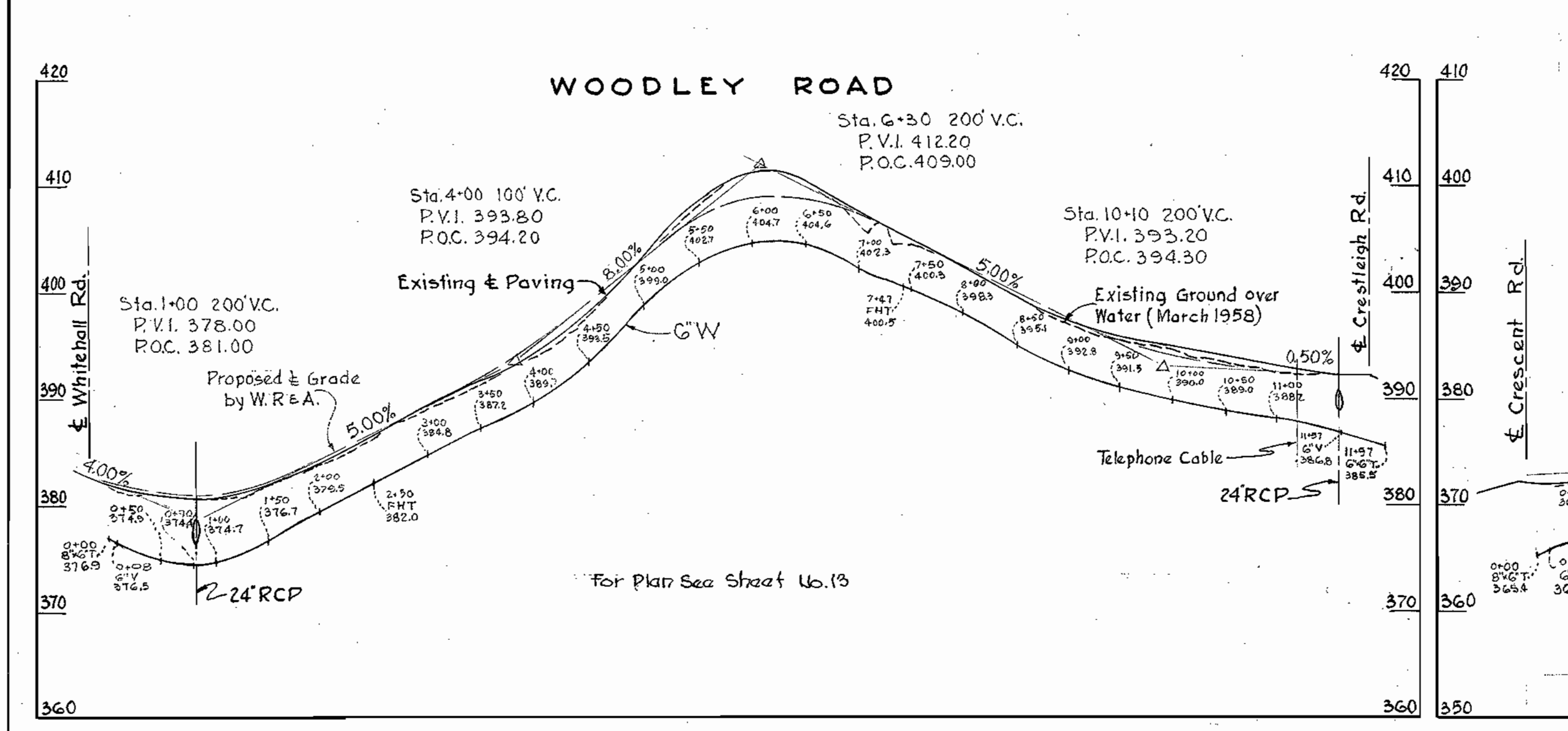
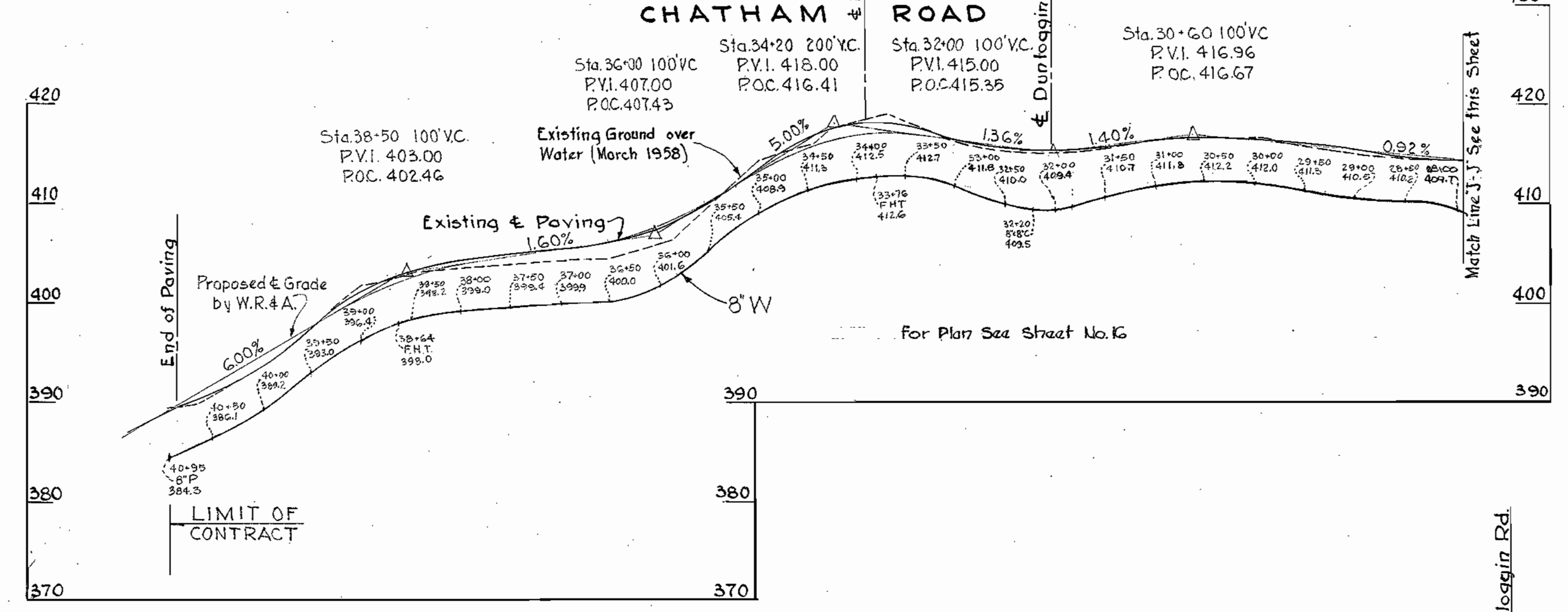
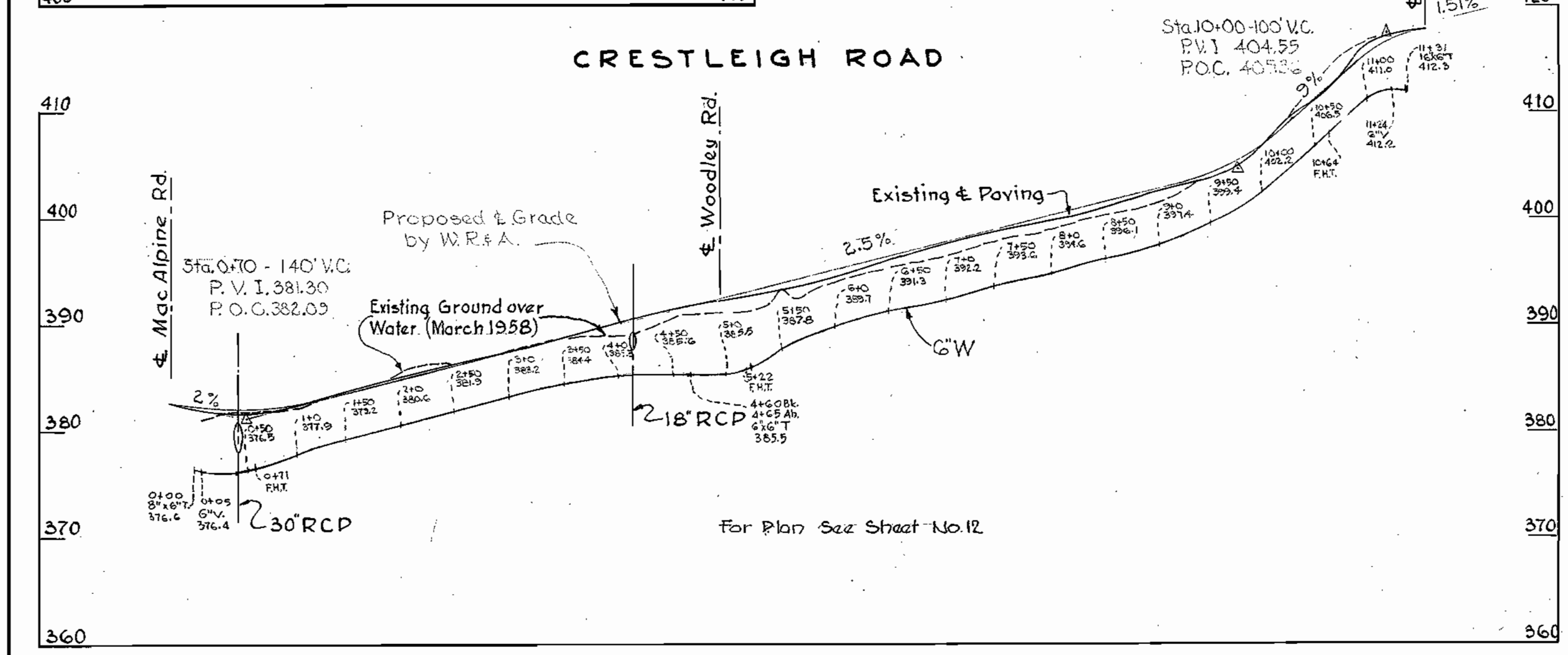
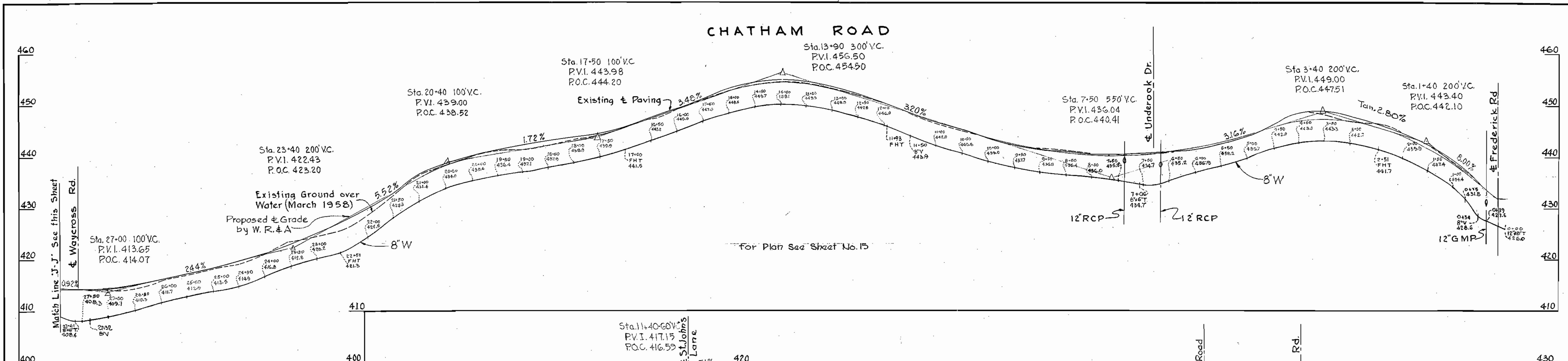
WS 10W/22



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 3, 1952 <i>Carl W. Meyer</i> CHAIRMAN	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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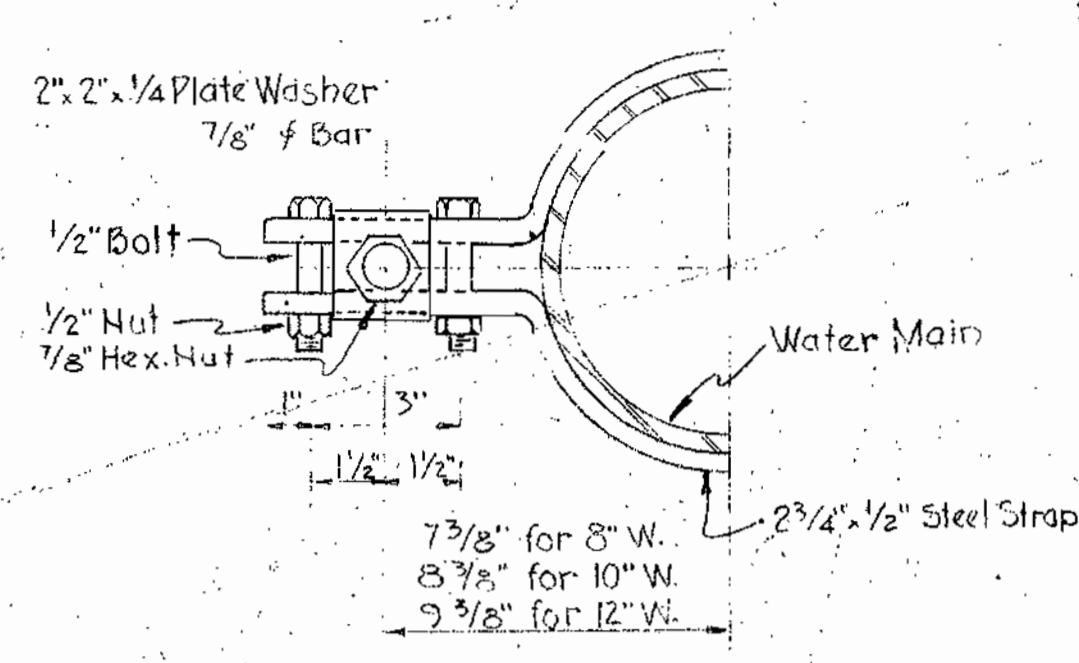
W.O. 4649

WS 10W/23

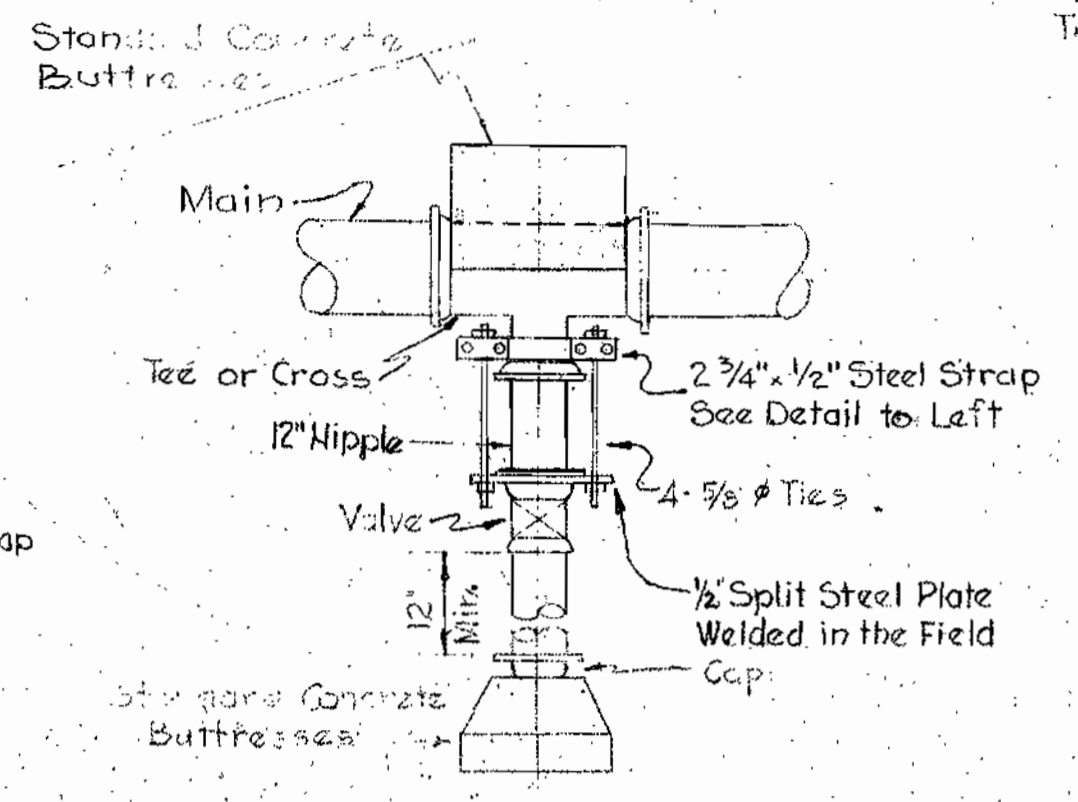


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION January 2, 1959 DATE	CONTRACT NO. 10W	PROFILE OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 23 OF 24 SCALE H-1"=100' V-1"=10' AS BUILT
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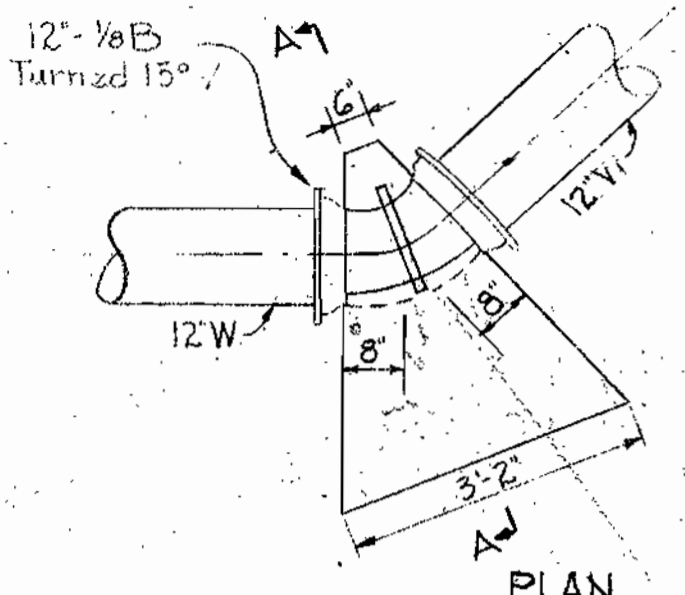
W.C. 4649



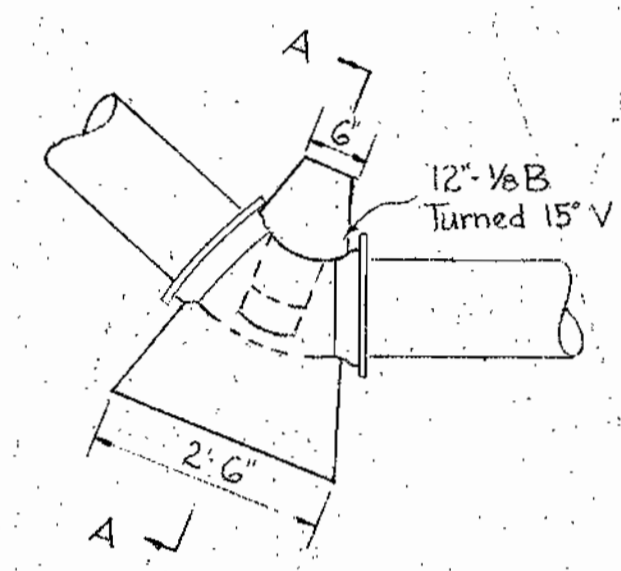
STRAPPING DETAIL
No Scale



HARNASS DETAIL
No Scale

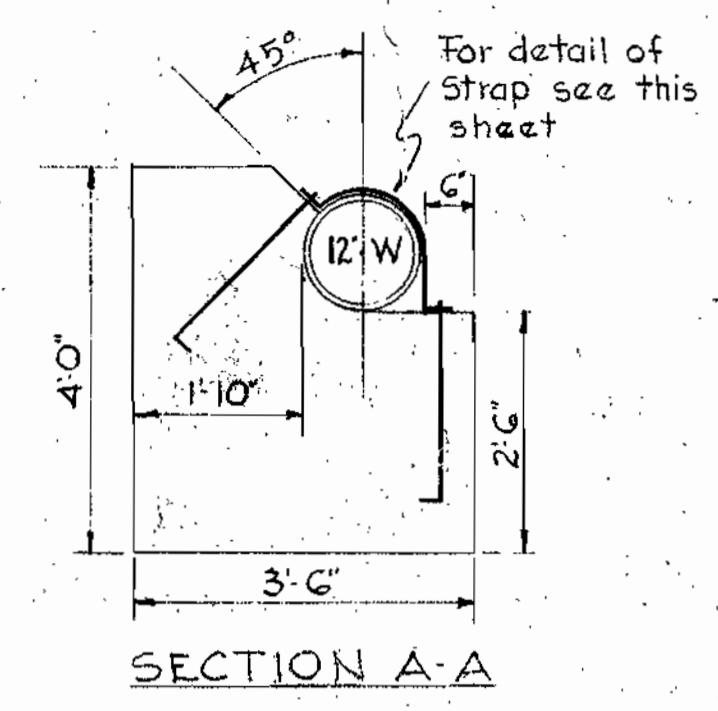


UPPER VERTICAL



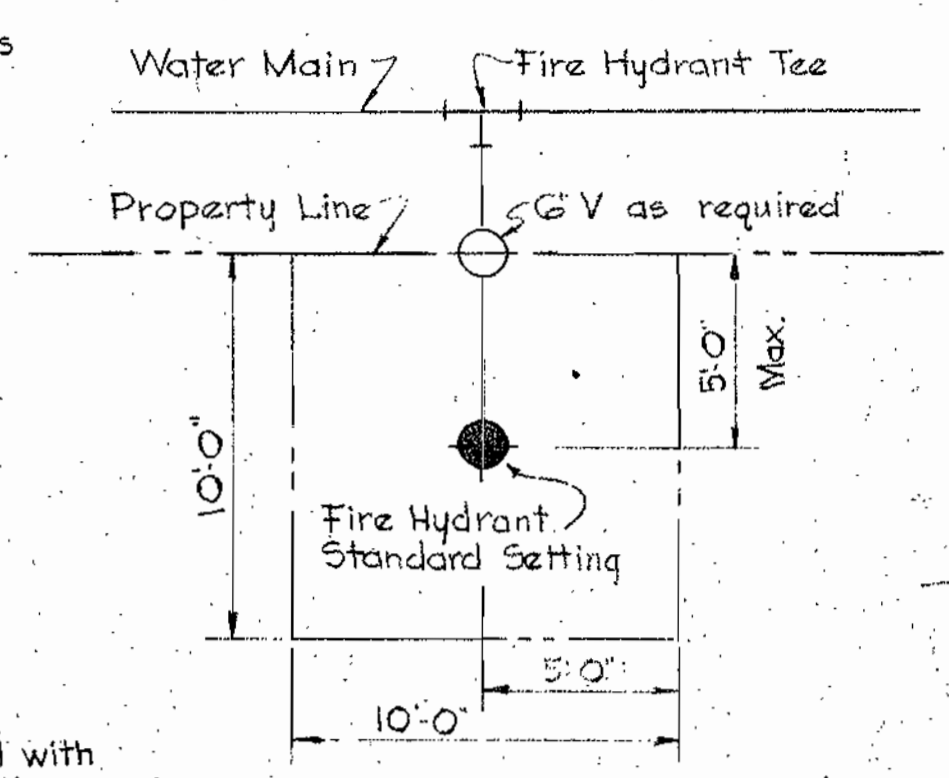
LOWER VERTICAL

BLOCKING DETAILS
(AT ROGERS AVENUE BRIDGE)
Scale: 1/2" = 1'-0"
CONTRACT 9W

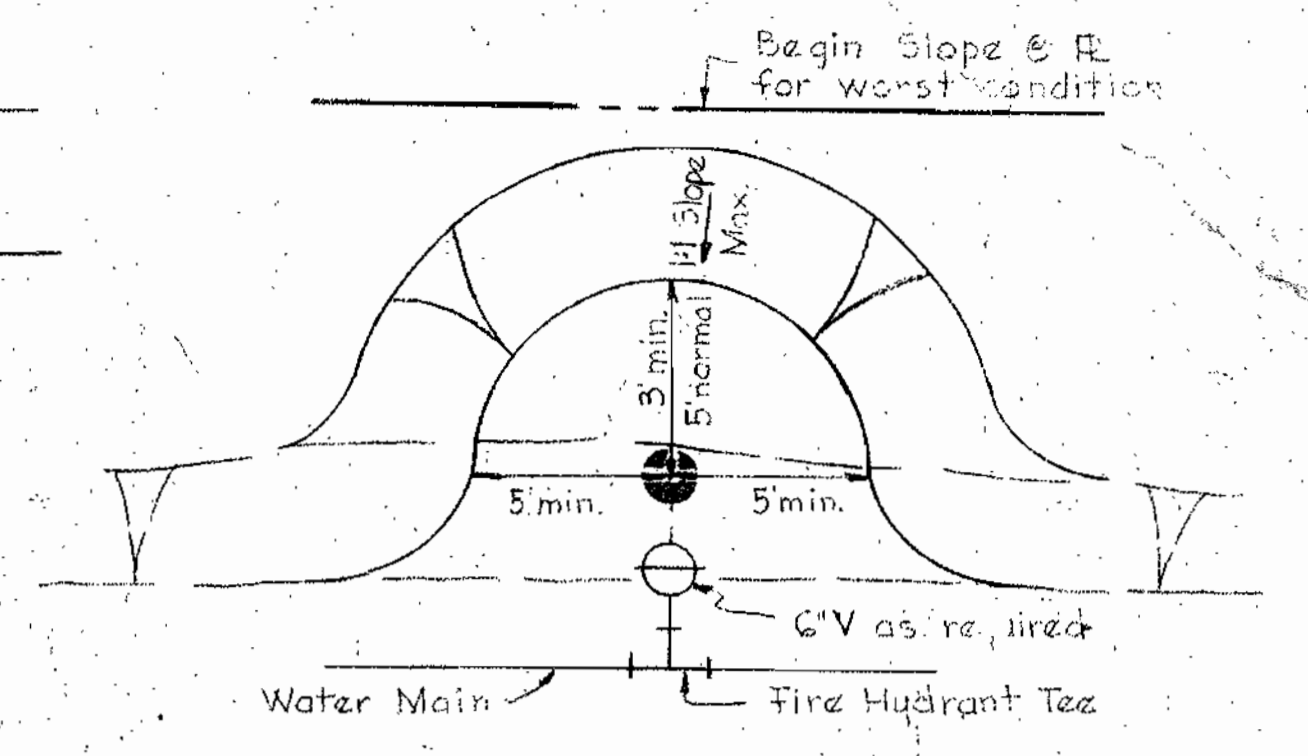


SECTION A-A

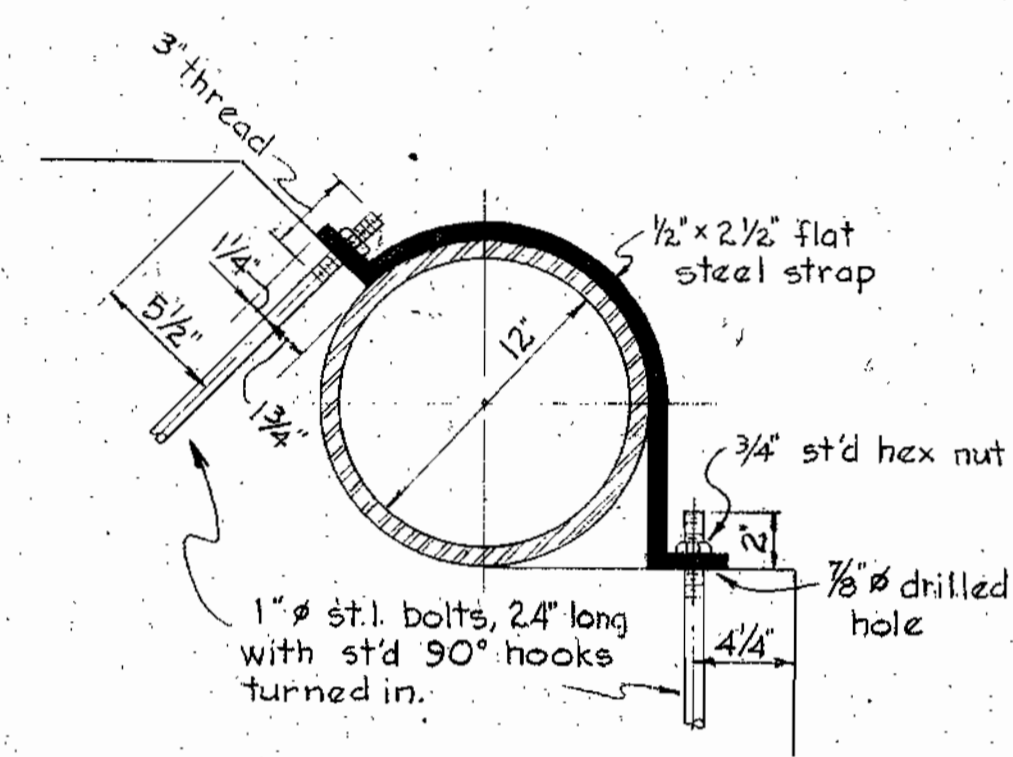
Note:
Paint all exposed steel with
2 coats Vokura asphalt
paint or approved equal.
Carry all bearing surfaces
to firm ground.
Concrete to be Class "B".



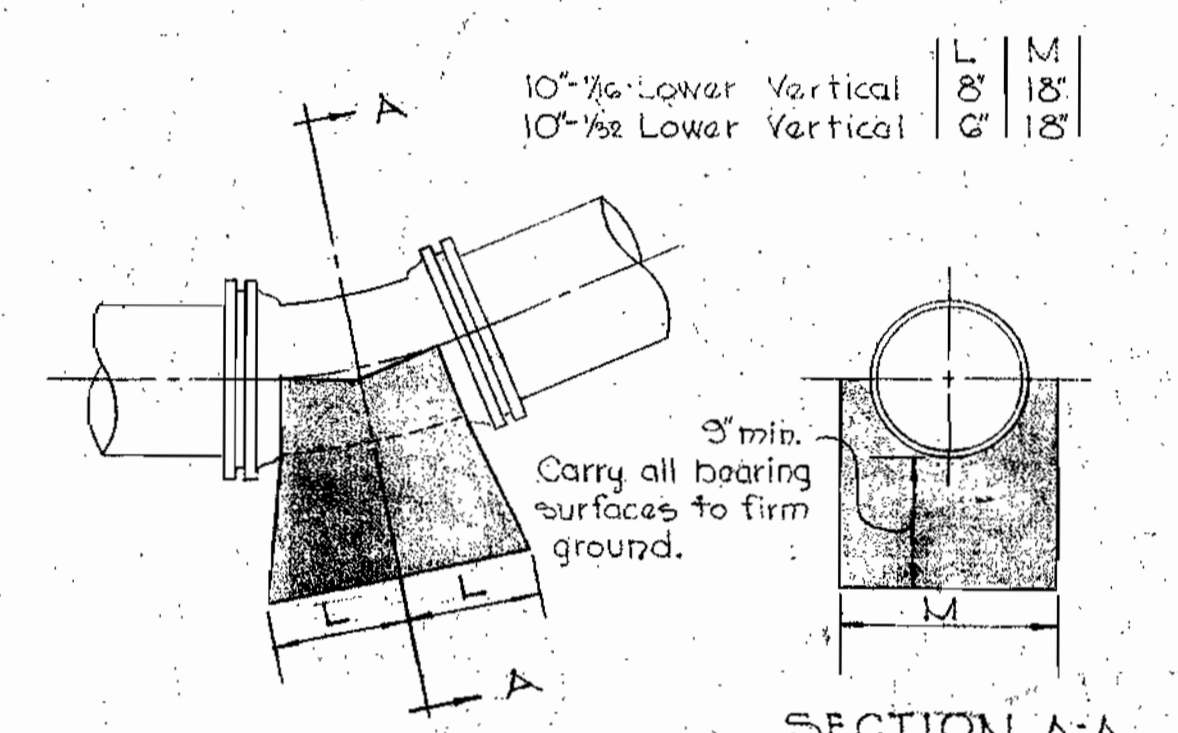
FIRE HYDRANT SETTING
IN PRIVATE PROPERTY
No Scale



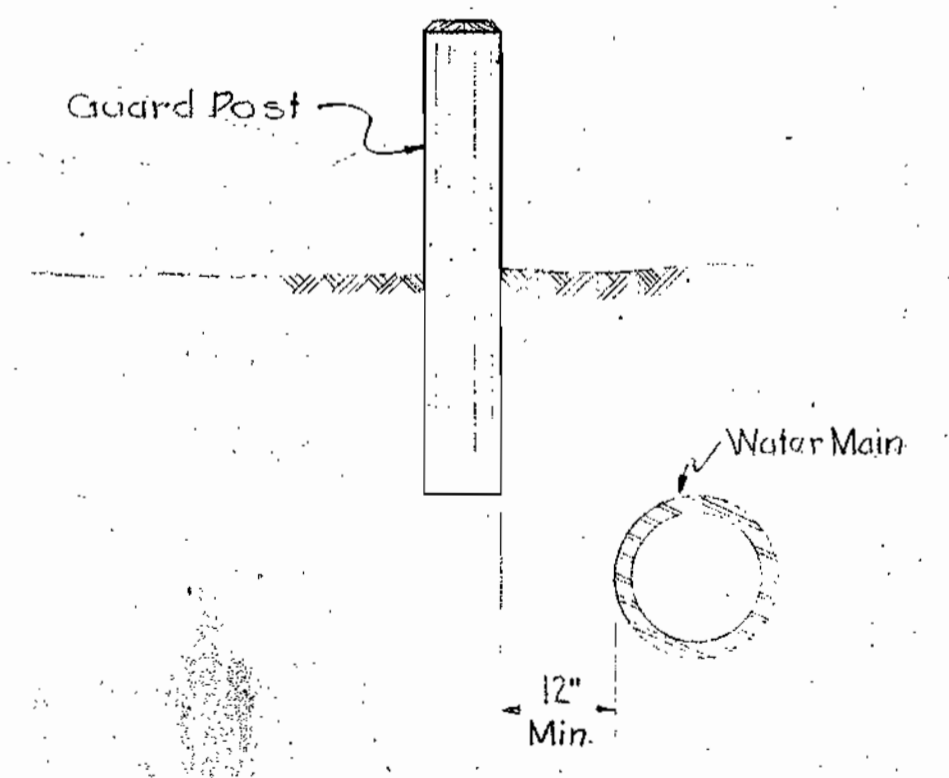
GRADING DETAIL FOR FIRE
HYDRANTS
No Scale



STRAPPING DETAIL
Scale: 1 1/2" = 1'-0"



ELEVATION
10" LOWER VERTICAL
BLOCKING DETAILS
(ALONG FREDERICK ROAD)
NO SCALE
CONTRACT 10W



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

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: January 9, 1959
CHAIRMAN

CONTRACT NO. 10W

DETAILS

ELLCOTT CITY SUB-DISTRICT

DRAWING NO. 24 OF 24

SCALE AS SHOWN

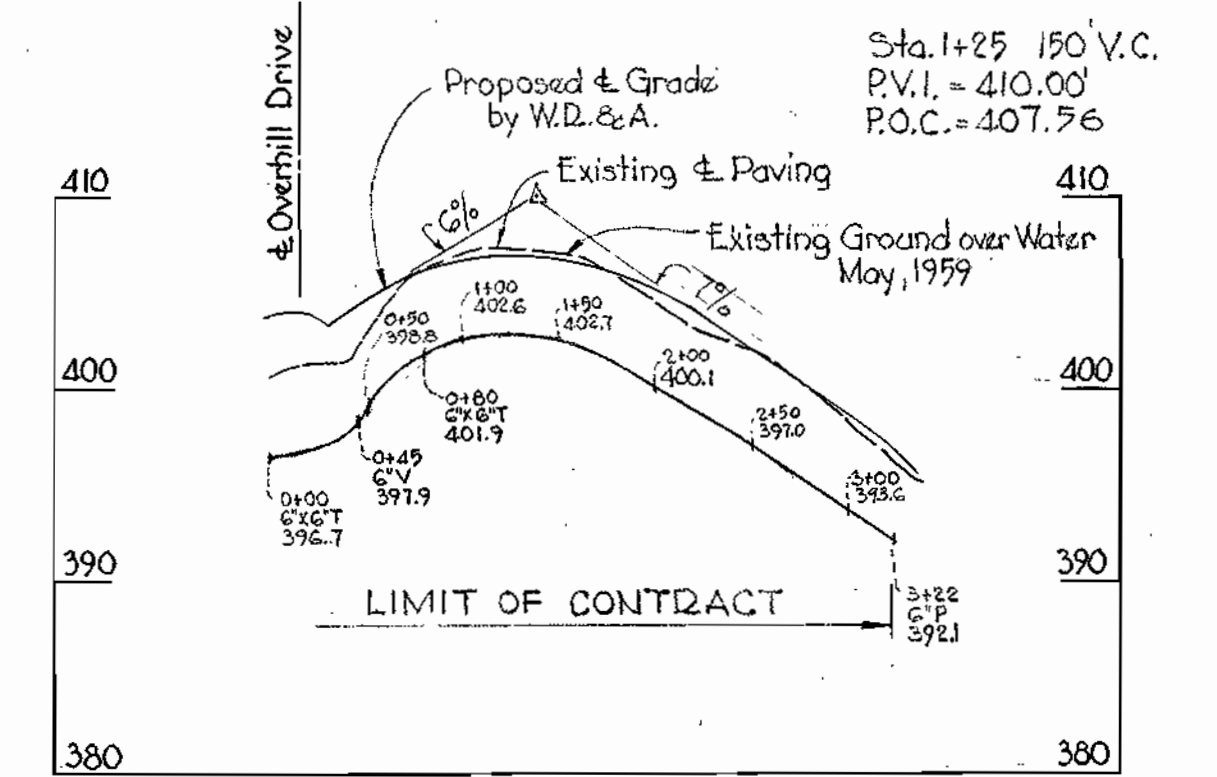
AS BU

72/MO1 SW

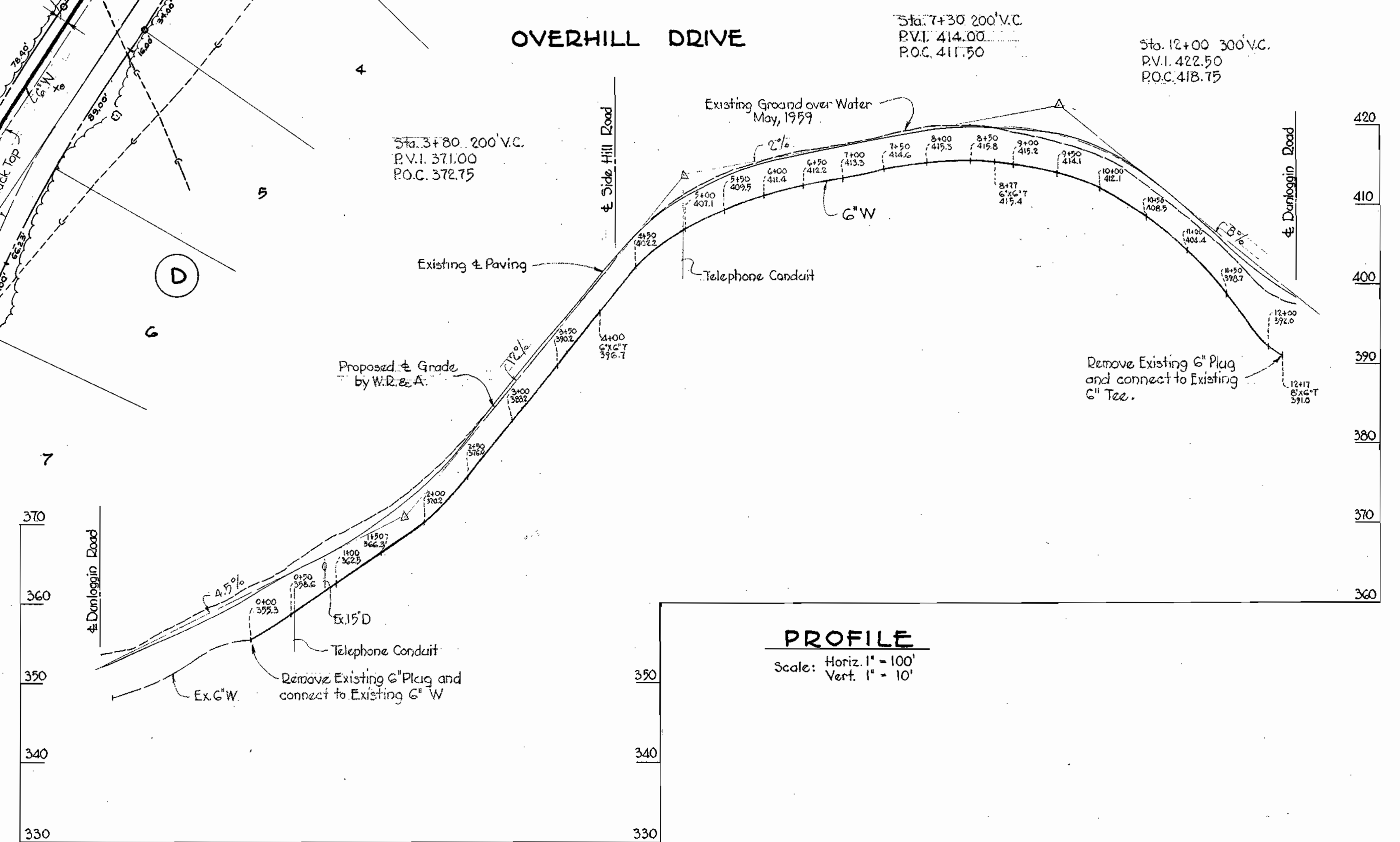
GENERAL NOTES

1. Water Main shall be constructed to provide 1' clearance from Telephone Conduit.
2. Profile may be adjusted in the field by the Engineer.
3. Contractor to call LE 9-9900 Ext. 353, 48 hours prior to trenching in vicinity of Telephone Cables.

SIDE HILL ROAD



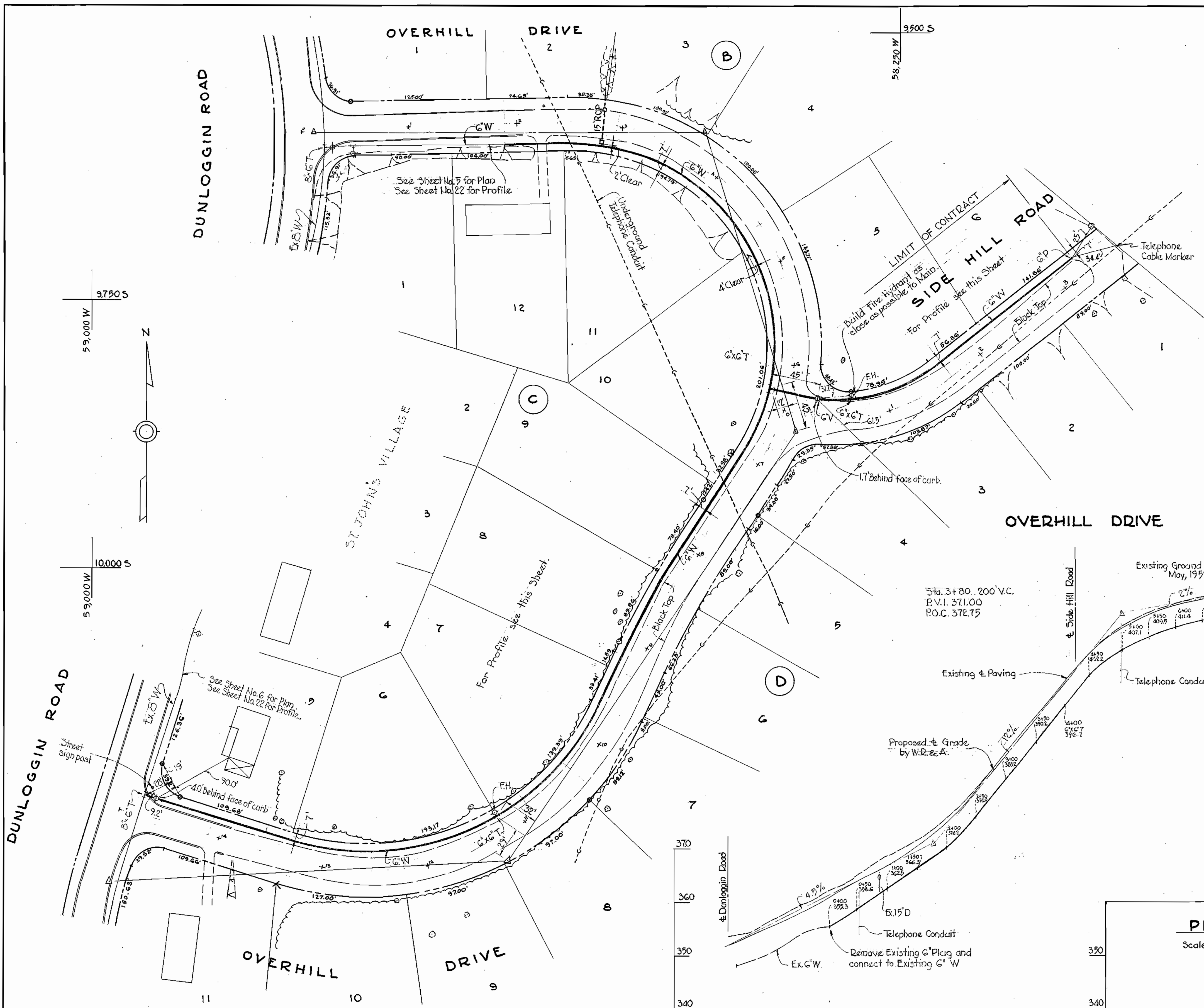
OVERHILL DRIVE



PROFILE

Scale: Horiz. 1" = 100'
Vert. 1" = 10'

PLAN
Scale: 1" = 50'



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HOWARD COUNTY METROPOLITAN COMMISSION

CONTRACT NO. 10W

PLAN AND PROFILE OF
WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

DRAWING
NO. 24-A
OF 24

SCALE
AS
SHOWN
11SW 39.40
10SW 39.40

Issued May 21, 1959

AS BUILT Field Book # 2326

W.O. 4649

WS 10W/24-A