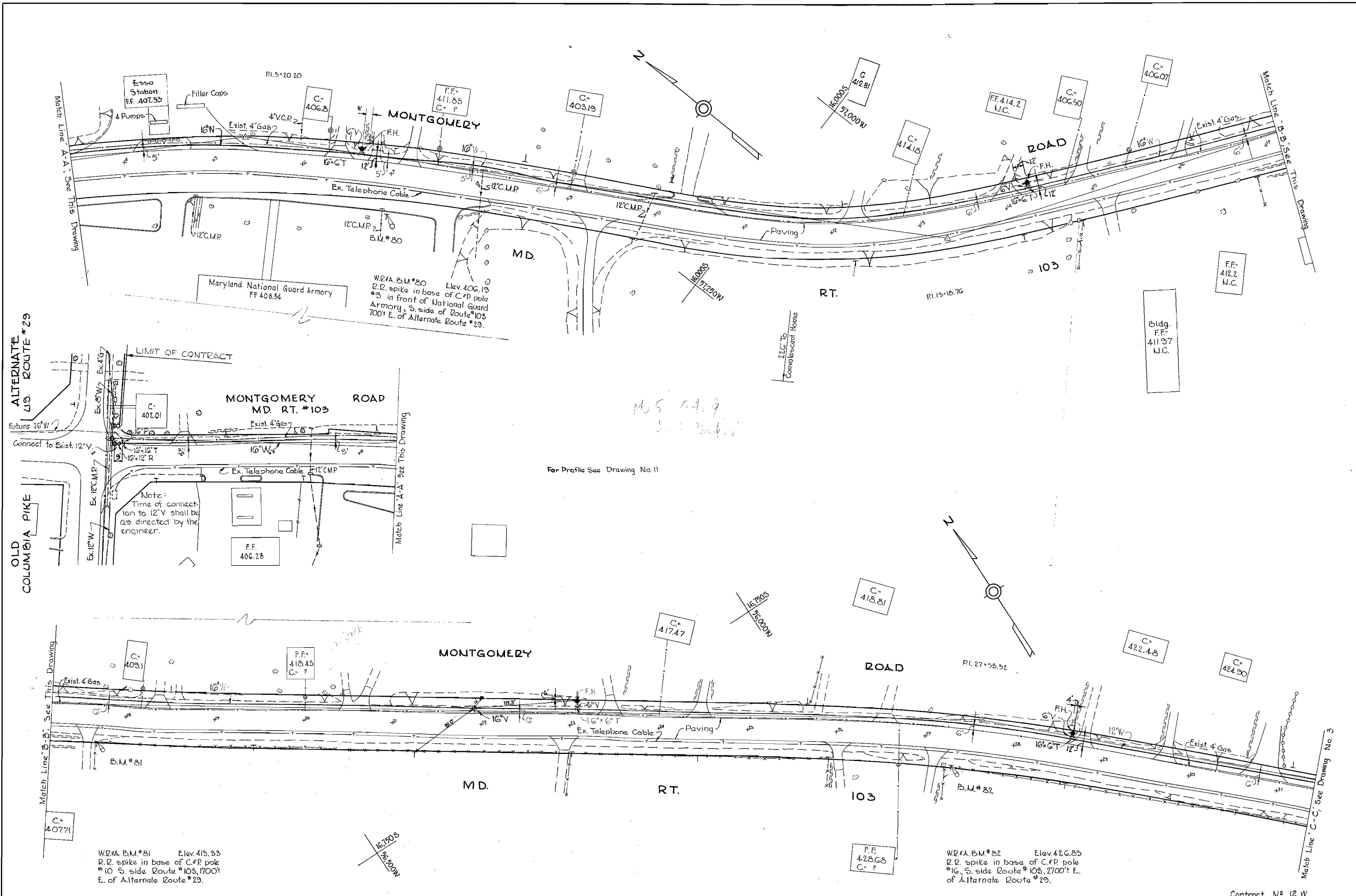


CONTRACT 12W
WATER MAIN EXTENSIONS
HOWARD COUNTY METROPOLITAN COMMISSION
ELLICOTT CITY SUB-DISTRICT

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug 30, 1963 <small>DATE</small>	CONTRACT NO. 12W	LOCATION MAP OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 14 OF 14	SCALE AS SHOWN
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WS 12W/1



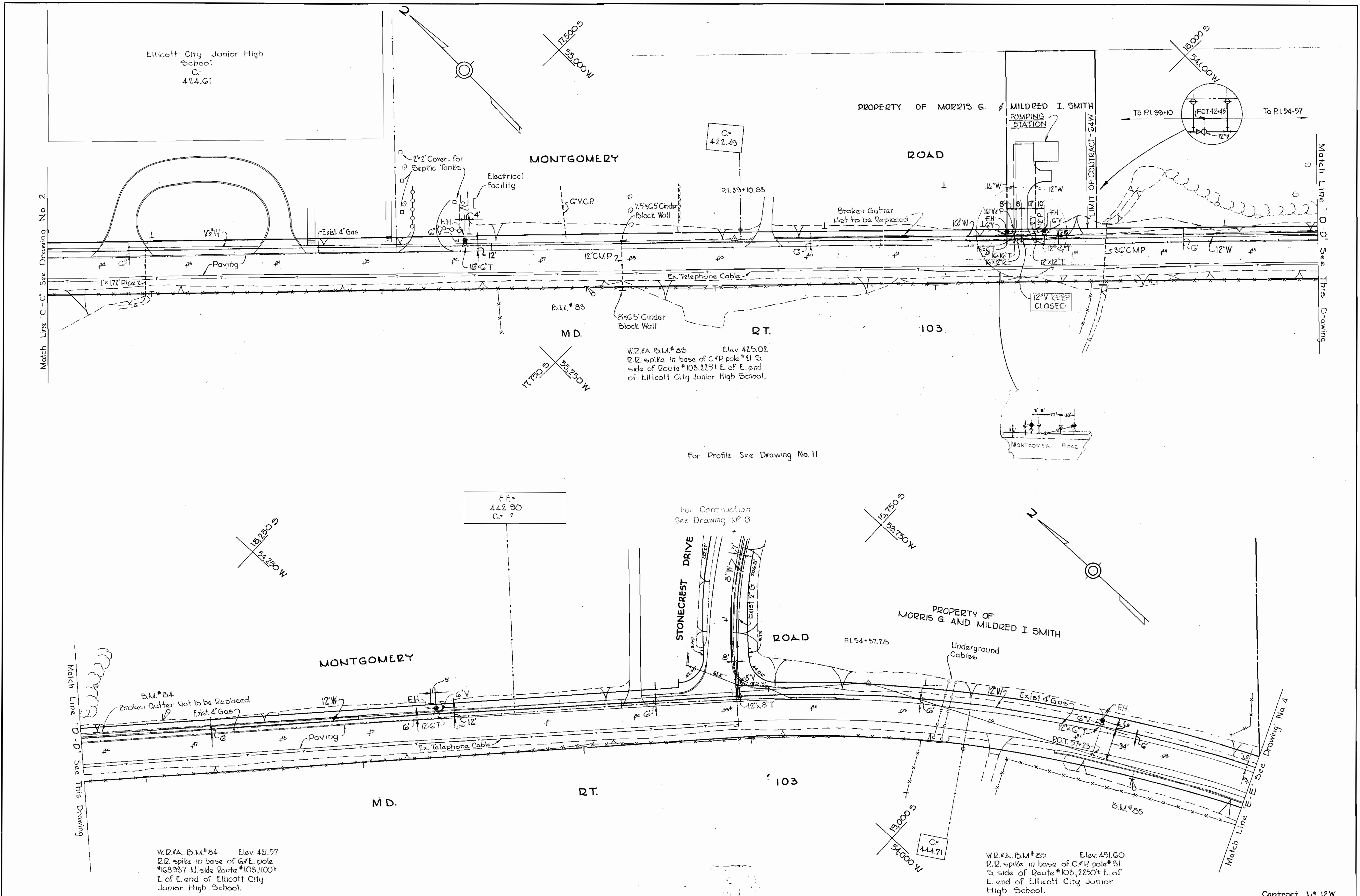
WS 12W/2

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE _____ CHIEF ENGINEER _____	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract No. 12 W DRAWING NO. 2 OF 14 SCALE 1"=50' 16SW55 17SW55
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W.O. 4649-5318-2A

AS BUILT 24 NOV, 1965

F.B. 3008



Match Line C-C See Drawing No. 2

Match Line D-D See This Drawing

Match Line D-D See This Drawing

Match Line E-E See Drawing No. 4

For Profile See Drawing No. 11

For Continuation See Drawing No. 8

W.I.P.A. B.M.#84 Elev. 421.57
 2.2 spike in base of G.P. pole #21 S
 side of Route #103, 1100' E. of E. end of Ellicott City Junior High School.

W.I.P.A. B.M.#85 Elev. 451.60
 2.2 spike in base of G.P. pole #31 S
 side of Route #103, 2250' E. of E. end of Ellicott City Junior High School.

Contract No. 12W

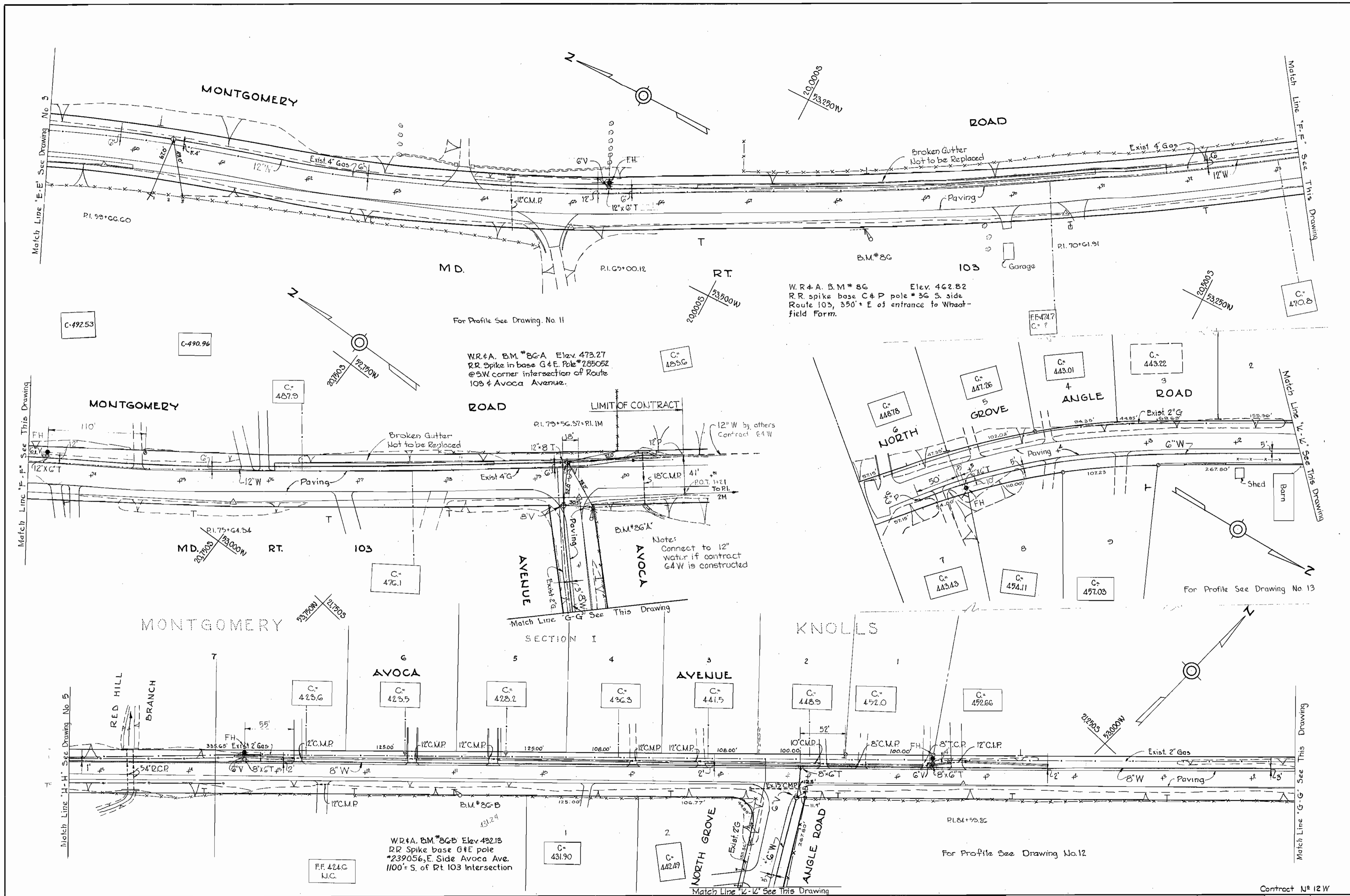
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 3 OF 14 SCALE 1"=50' 18,19 SW 57 19 SW 56
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W. O. 4649 - 5318-2A

AS BUILT 24 NOV. 1965

FB. 8008

3 / M21 SM



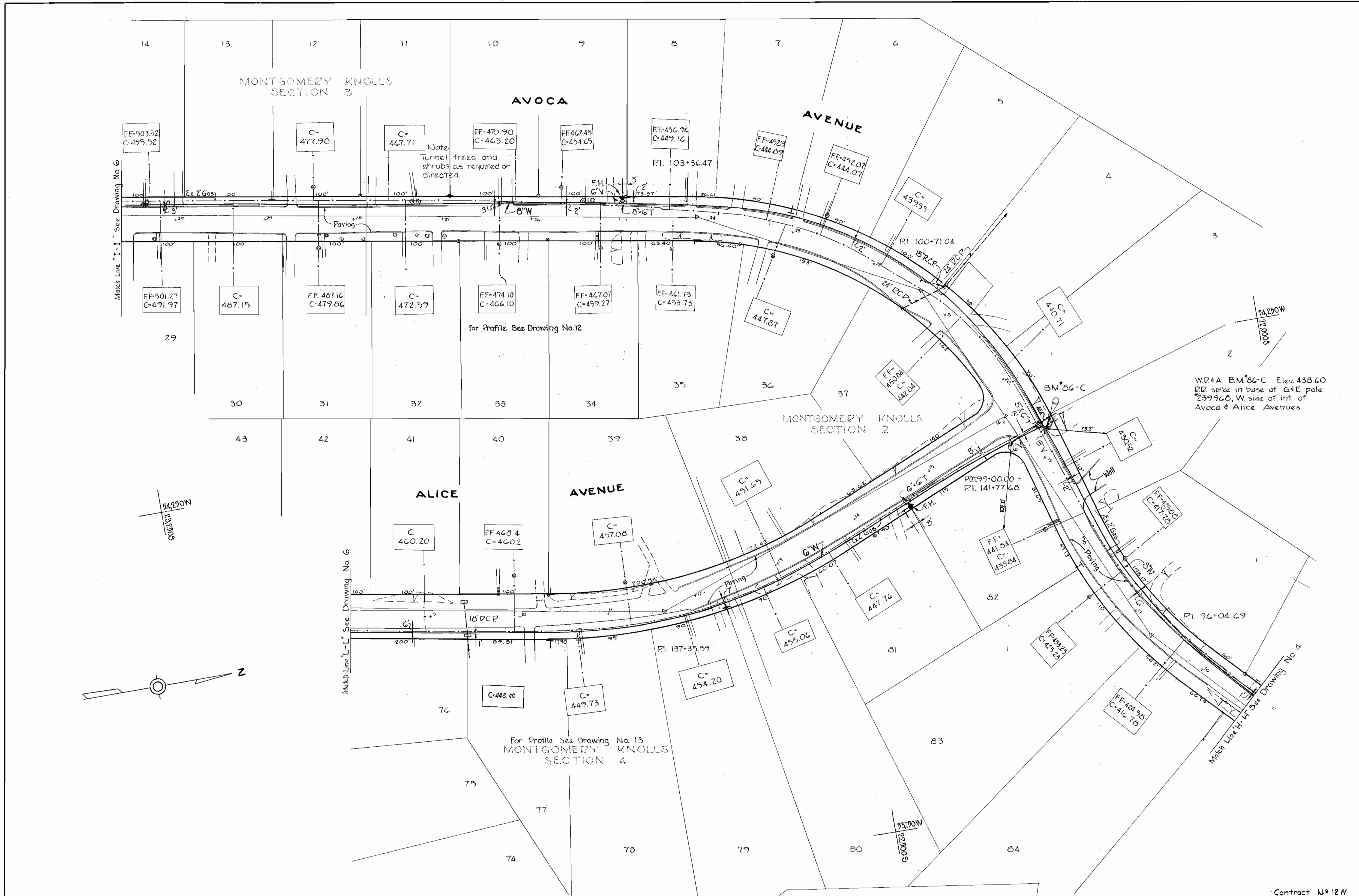
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE CHIEF ENGINEER	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	<table border="1"> <tr> <td rowspan="3">DRAWING NO. 4 OF 14</td> <td>SCALE</td> <td>20.21 SW 36</td> </tr> <tr> <td></td> <td>21.15 W 37</td> </tr> <tr> <td></td> <td>25.5 W 37</td> </tr> </table>	DRAWING NO. 4 OF 14	SCALE	20.21 SW 36		21.15 W 37		25.5 W 37
DRAWING NO. 4 OF 14	SCALE	20.21 SW 36										
		21.15 W 37										
		25.5 W 37										

W.O. 4649-5318-2A

AS BUILT 24 NOV., 1965 307

WS 12W/4

WS 12W/5



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

HOWARD COUNTY METROPOLITAN COMMISSION
 Aug. 30, 1963
 DATE

CONTRACT NO. 12 W

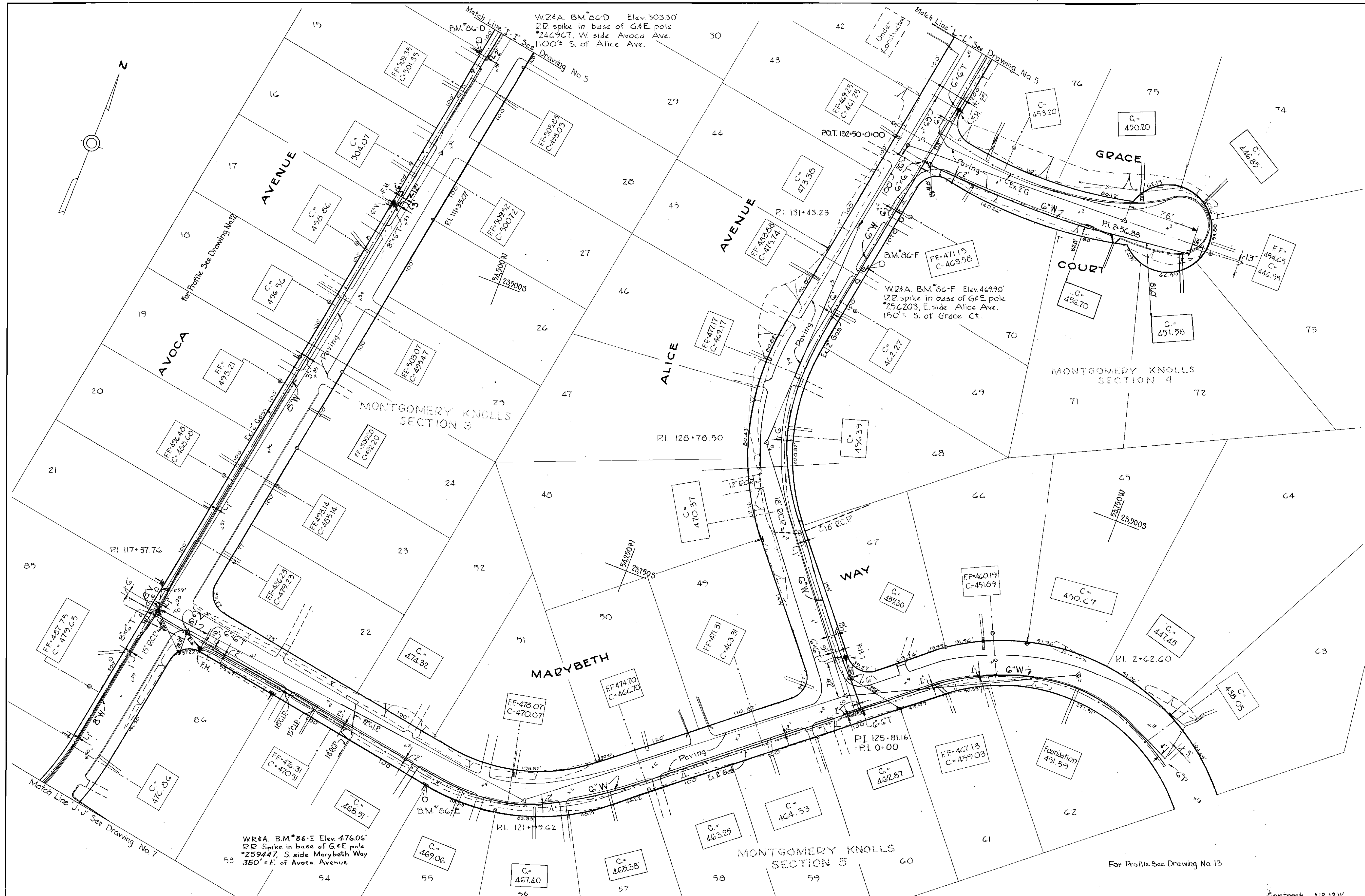
PLAN OF
 WATER MAIN EXTENSIONS

ELLCOTT CITY SUB-DISTRICT

DRAWING NO. 5 OF 14
 SCALE 1"=50'

WO.4649-5318-2A

AS BUILT 24 NOV., 1965

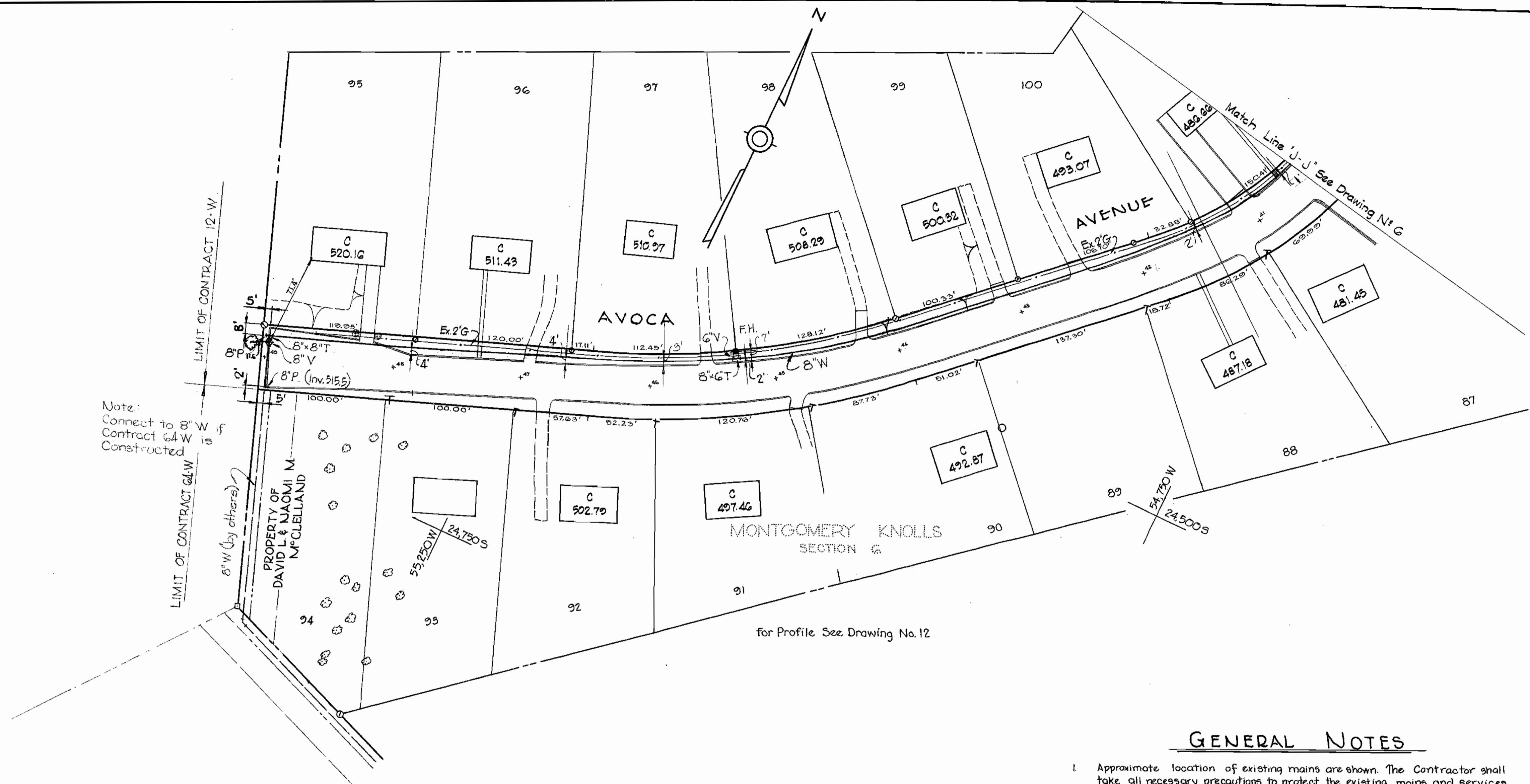


WS 12W/6

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE CHIEF ENGINEER	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 6 OF 14 SCALE 1"=50' <small>22,29 SWAG 22,29 SW37</small>
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W.O. 4649-5518-2A

AS BUILT. 24 NOV., 1965



Note:
Connect to 8" W if
Contract 64 W is
Constructed

GENERAL NOTES

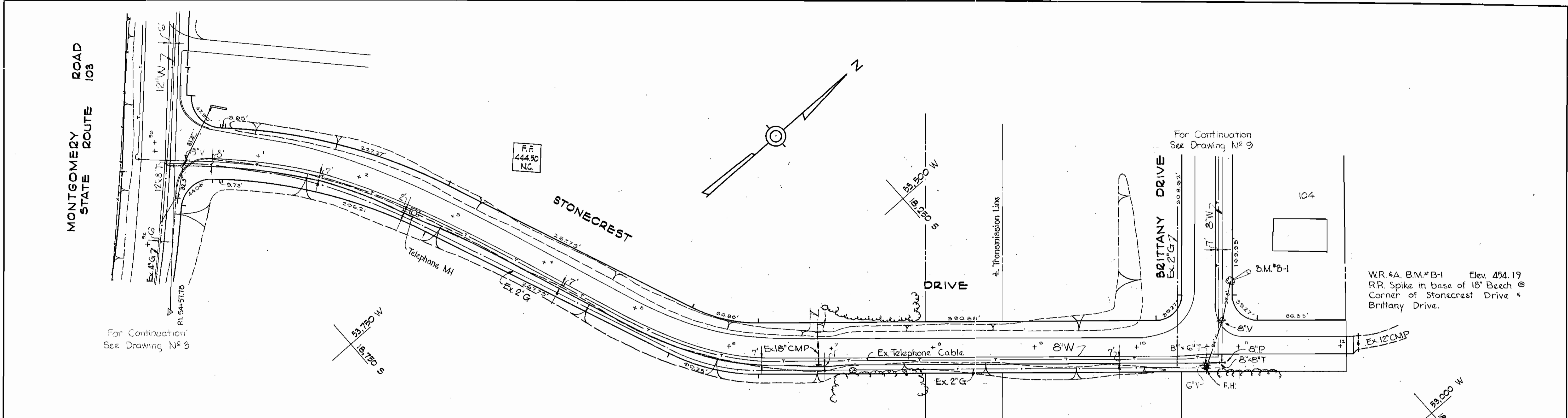
1. Approximate location of existing mains are shown. The Contractor shall take all necessary precautions to protect the existing mains and services and maintain uninterrupted supply any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. The contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details, see Standards bound in Specifications.
5. Block all fittings with concrete, see standard details bound in Specifications.
6. Bury line elevation on Fire Hydrants shall be set the same as edge of paving or as directed by the Engineer in the field.
7. All 6" W and 8" W to be class 22 C.I.P., all 12" W & 16" W to be Class 23, Water Mains to have a minimum of 3 1/2' cover unless otherwise noted.
8. Before digging, pushing pipe or doing other work near Telephone Cables call collect any time Lexington 9-9900 Ext. 533, 534 or 535, Baltimore, Maryland.
9. Clear all poles by 2'-0" minimum.
10. 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.
11. Buttress Fire Hydrants with concrete; provide copper pipe of weep holes as required for positive drainage. For Buttress dimensions see Standard Detail W-8 Buttress for Caps.

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 <small>DATE</small> <small>CHIEF ENGINEER</small>	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract No. 12 W DRAWING NO. 7 OF 14 SCALE 1"=50' <small>18 SW 97</small>
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W05518-2A

AS BUILT 24 NOV. 1965

WS 12W/7



For Continuation
See Drawing No. 3

For Continuation
See Drawing No. 9

For Profile See Drawing No. 14

W.R.#A. B.M.#B-1 Elev. 454.19
R.R. Spike in base of 18\"/>

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE CHIEF ENGINEER	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract No. 12 W DRAWING NO. 8 OF 14 SCALE 1"=50' 105W 36, 37
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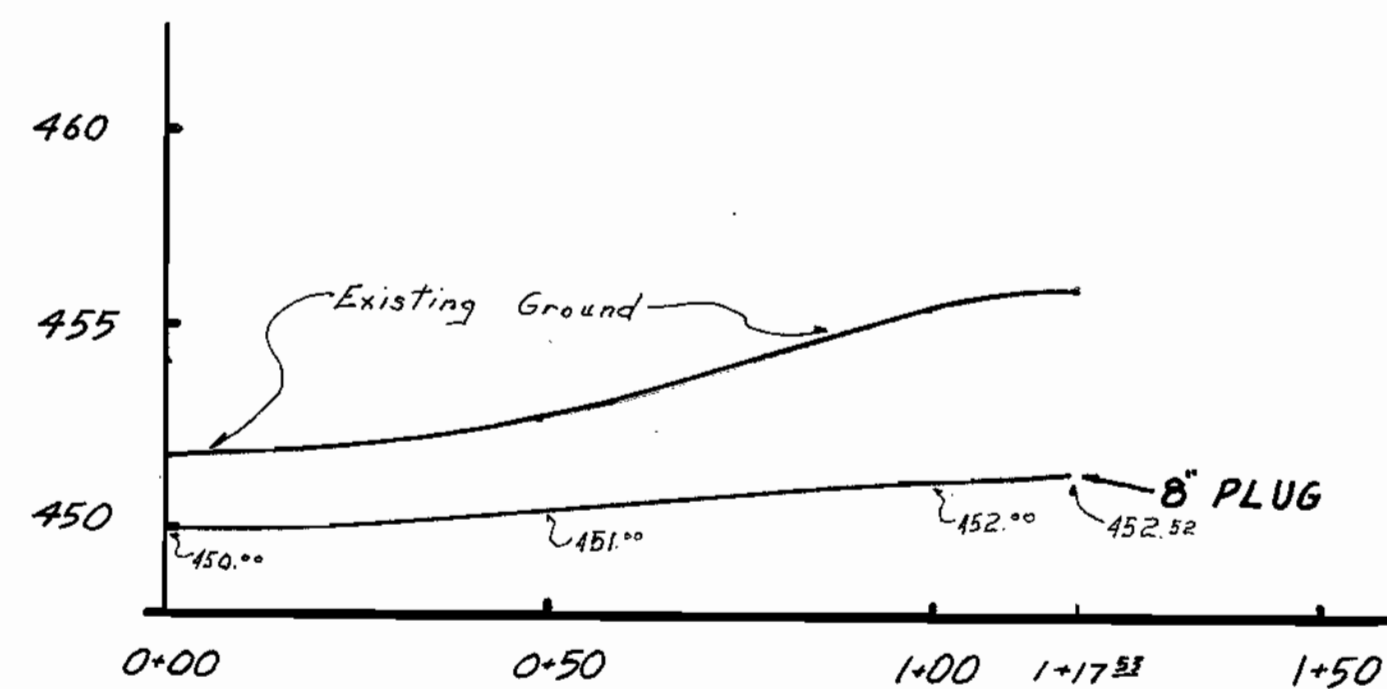
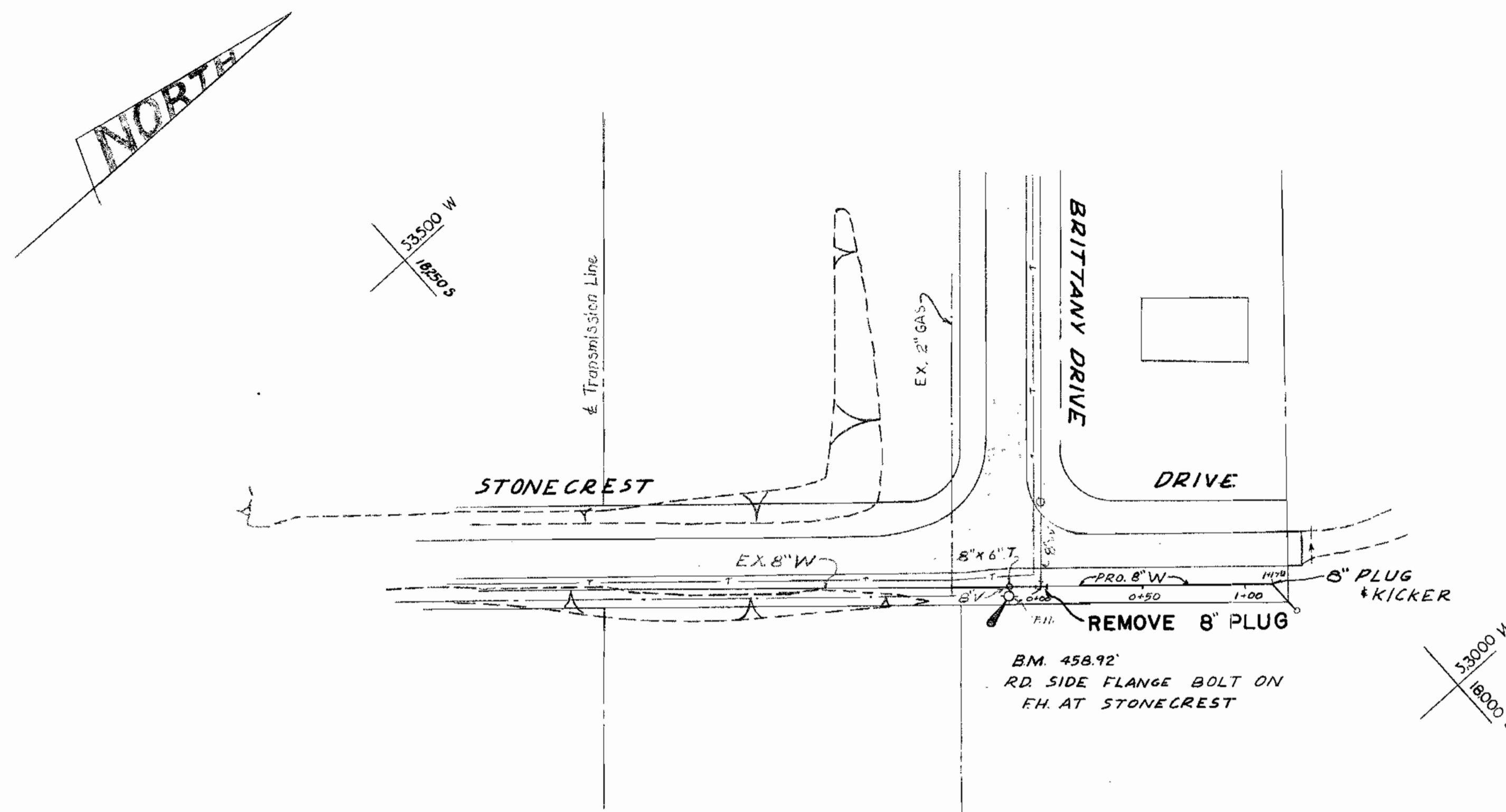
W. O. 5318-2A

AS BUILT 24 NOV., 1965

WS 12W/8

GENERAL NOTES

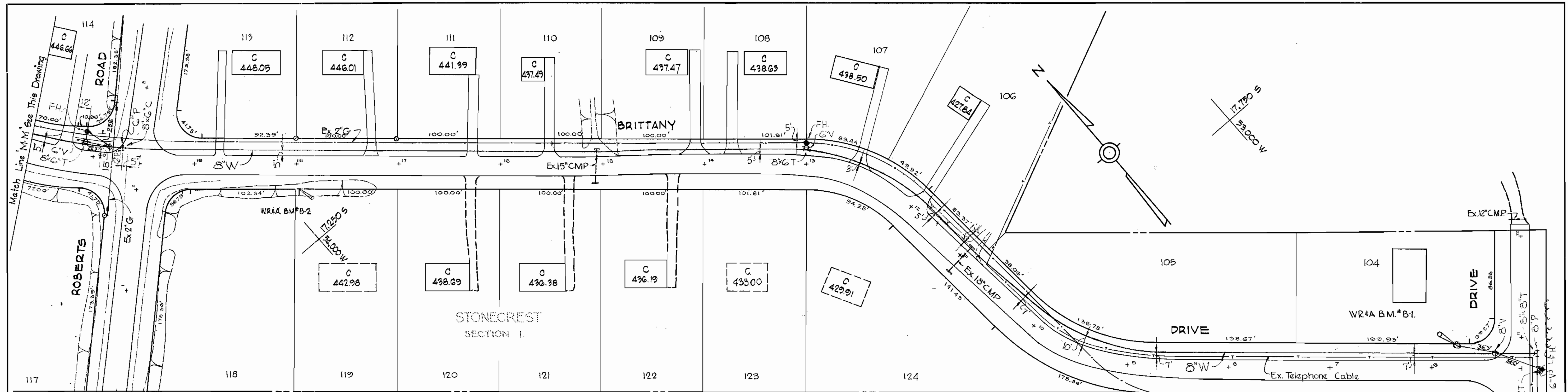
1. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
2. ALL PIPE ELEVATIONS ARE INVERT ELEVATIONS.
3. THE CONTRACTOR SHALL LOCATE 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. CLASS 22 AND HAVE A MINIMUM OF 3 1/2' COVER.
6. BLOCK ALL FITTINGS WITH CONCRETE SEE STANDARD DETAILS BOUND IN SPECIFICATIONS.
7. CLEAR ALL POLES BY 2' MINIMUM. CLEAR ALL UTILITIES BY A 6" MINIMUM



SCALE
 HOR. 1"=25'
 VERT. 1"=5'

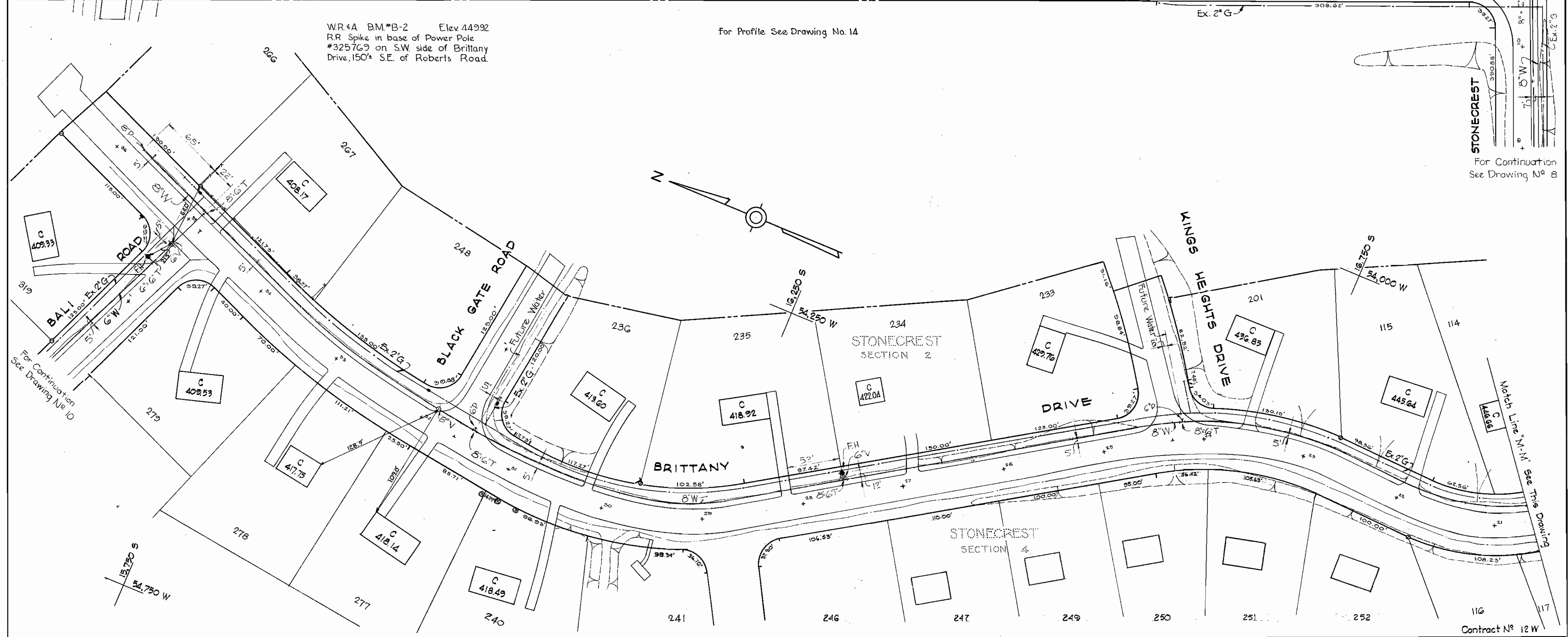
WS 12W/8-A

BUREAU OF ENGINEERING INSPECTION & SURVEY DIVISION	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 11/26/78 [Signature] CHIEF BUREAU OF WATER AND SEWER	CONTRACT NO. 12-W	PLAN AND PROFILE WATER MAINS	ELLICOTT CITY SECOND ELECTION DISTRICT	DRAWING NO. 89	SCALE 1"=50'
					OF 14	-10 As Built 2-14-74



WR&A BM#B-2 Elev 44992
 RR Spike in base of Power Pole
 #325769 on SW side of Brittany
 Drive, 150' SE. of Roberts Road.

For Profile See Drawing No. 14



For Continuation
 See Drawing No. 8

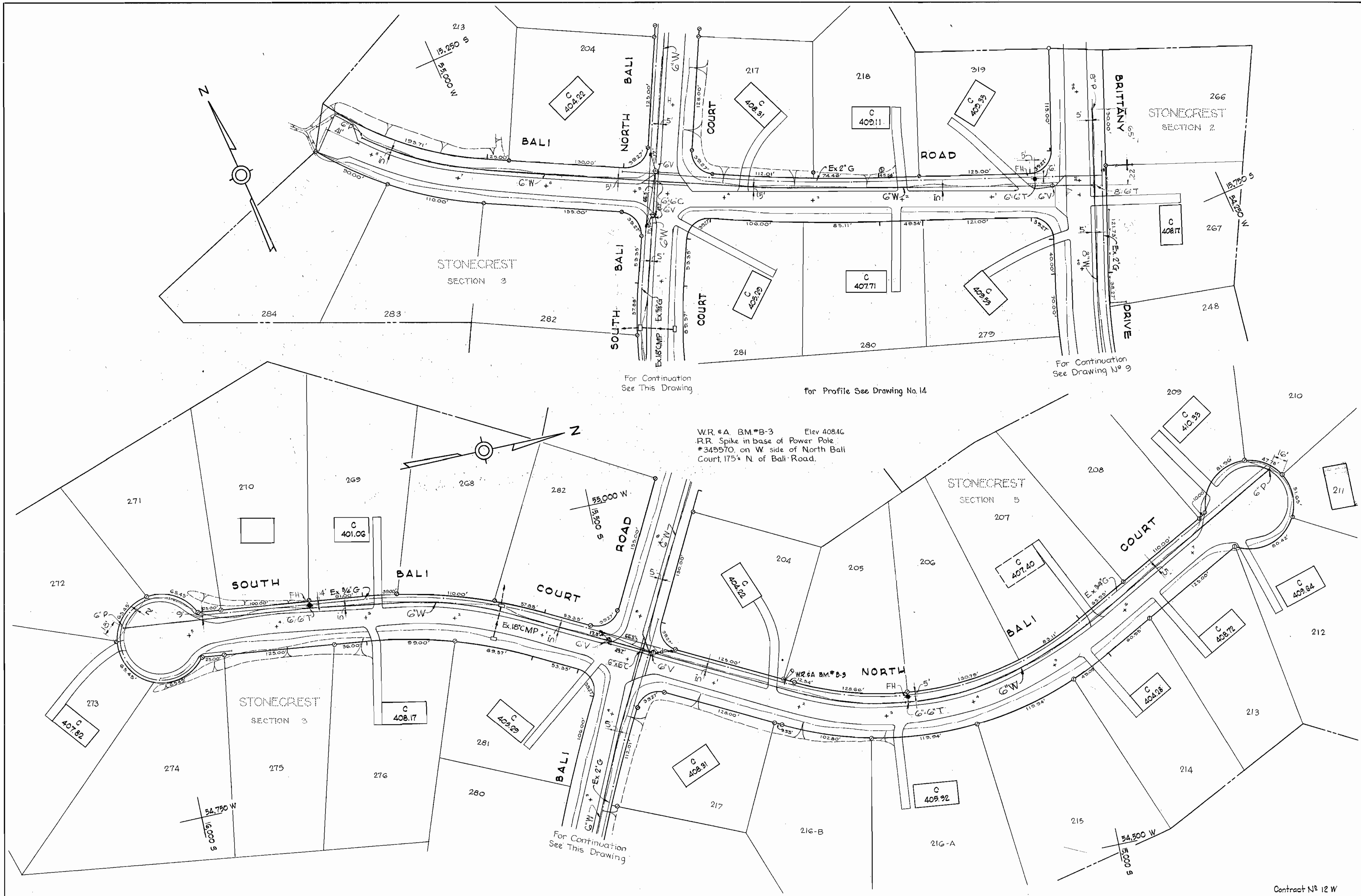
Contract No. 12 W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 9 OF 14	SCALE 1" = 50' 16.78 SW 37 16.19 SW 36 FB. 3018
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W. O. 5318-2A

AS BUILT 24 NOV 1965

WS 12W/9



For Continuation
See This Drawing

For Profile See Drawing No. 14

For Continuation
See Drawing No. 9

W.R. #A. B.M. #B-3 Elev 408.46
R.R. Spike in base of Power Pole
*348570 on W side of North Bali
Court, 175' N. of Bali Road.

For Continuation
See This Drawing

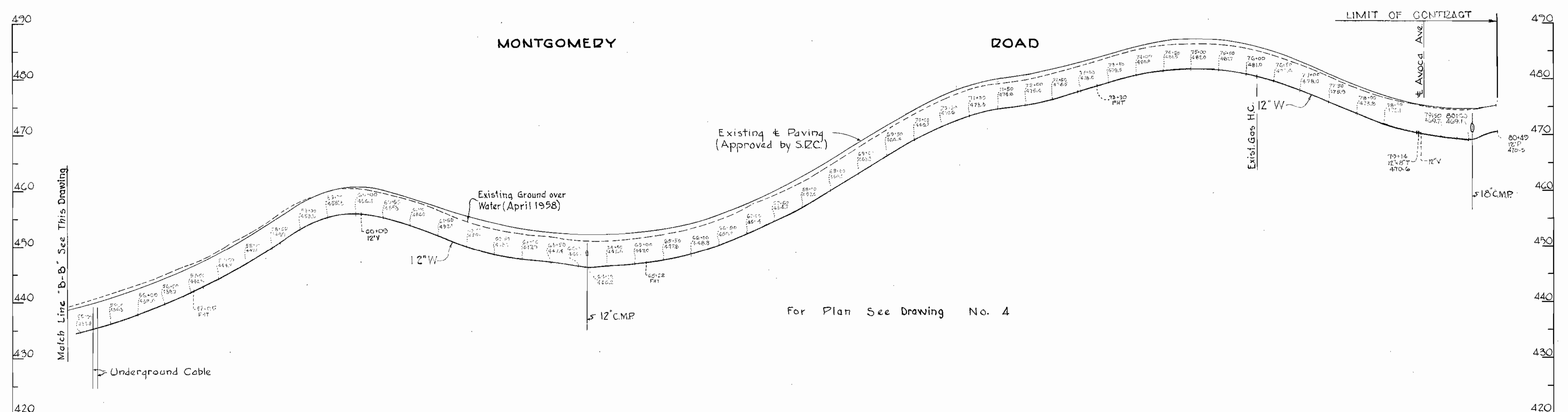
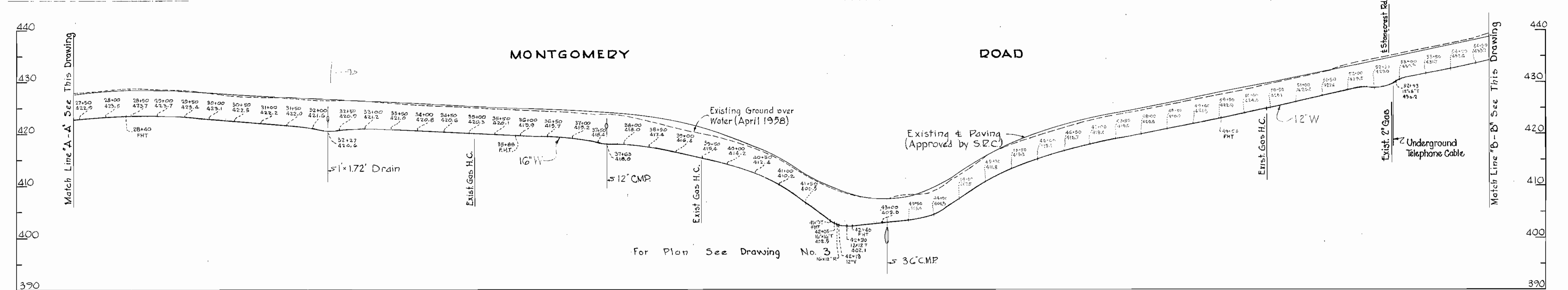
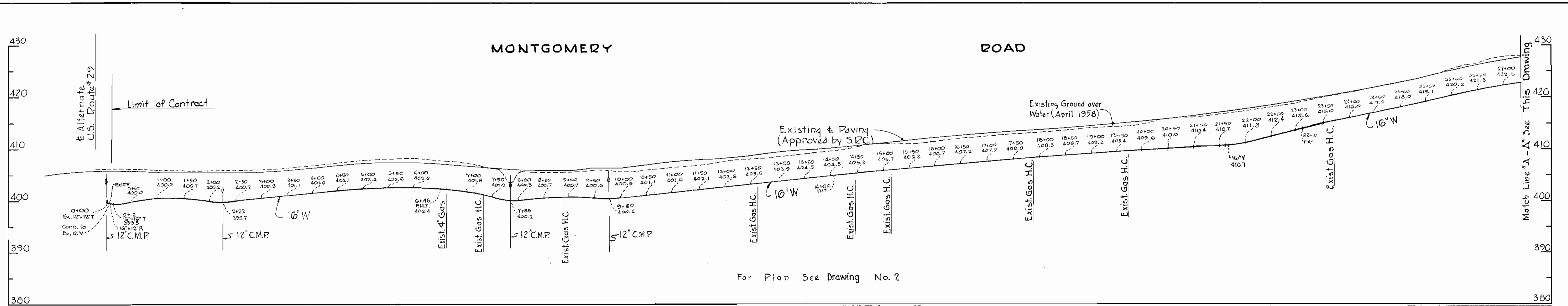
Contract No. 12 W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 30, 1963 DATE CHIEF ENGINEER	CONTRACT NO. 12 W	PLAN OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	DRAWING NO. 10 OF 14	SCALE 1" = 50' 15/16, 17 SW 37 FB. 3018
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W. O. 5518-2A

AS BUILT 24 NOV. 1965

WS 12W/10

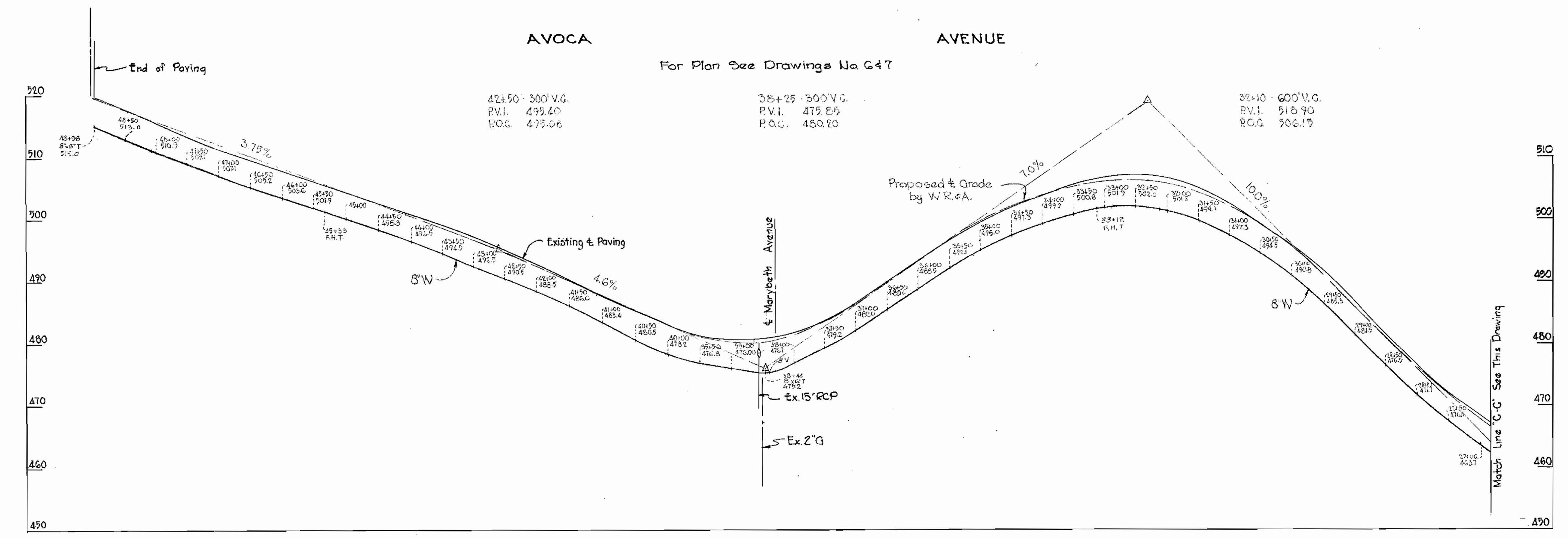
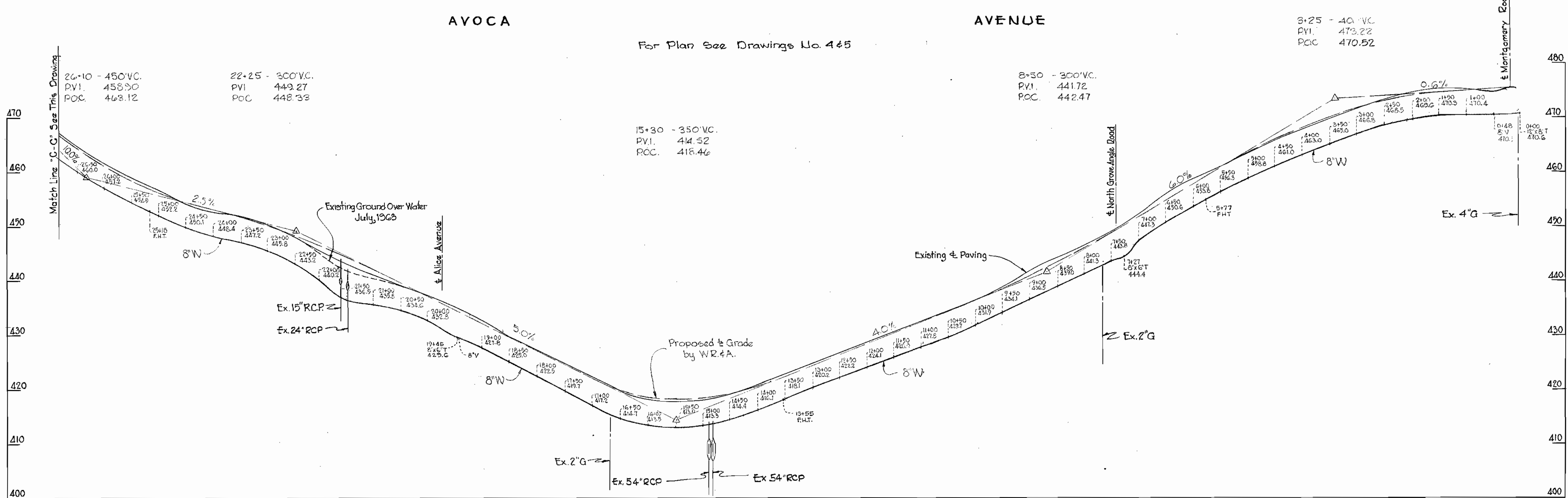


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 20, 1964. <i>W. O. Libat</i> DATE CHAIRMAN	CONTRACT NO. 12 W	PROFILES OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract No. 12 W
					DRAWING NO. 11 OF 14

W.O. 4C47; 5316-2A

AS BUILT 24 NOV. 1965

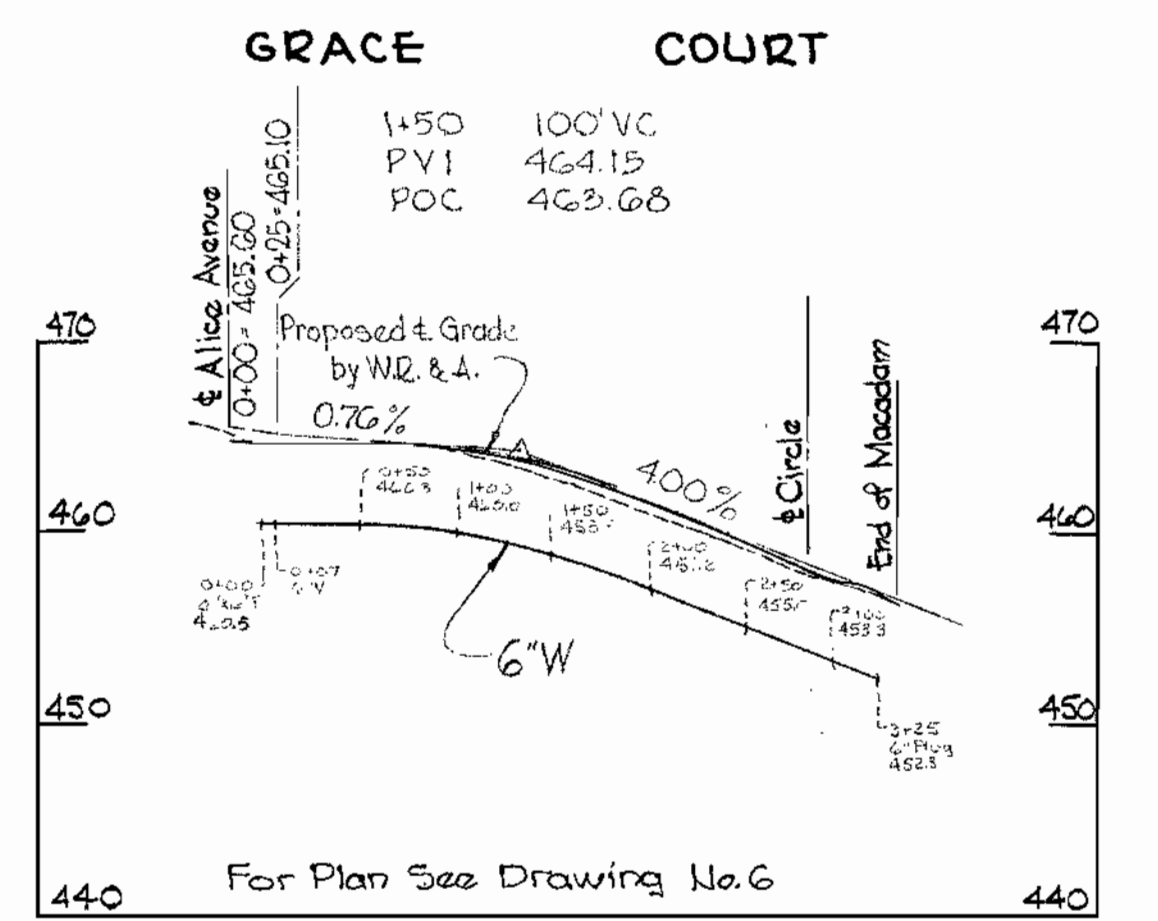
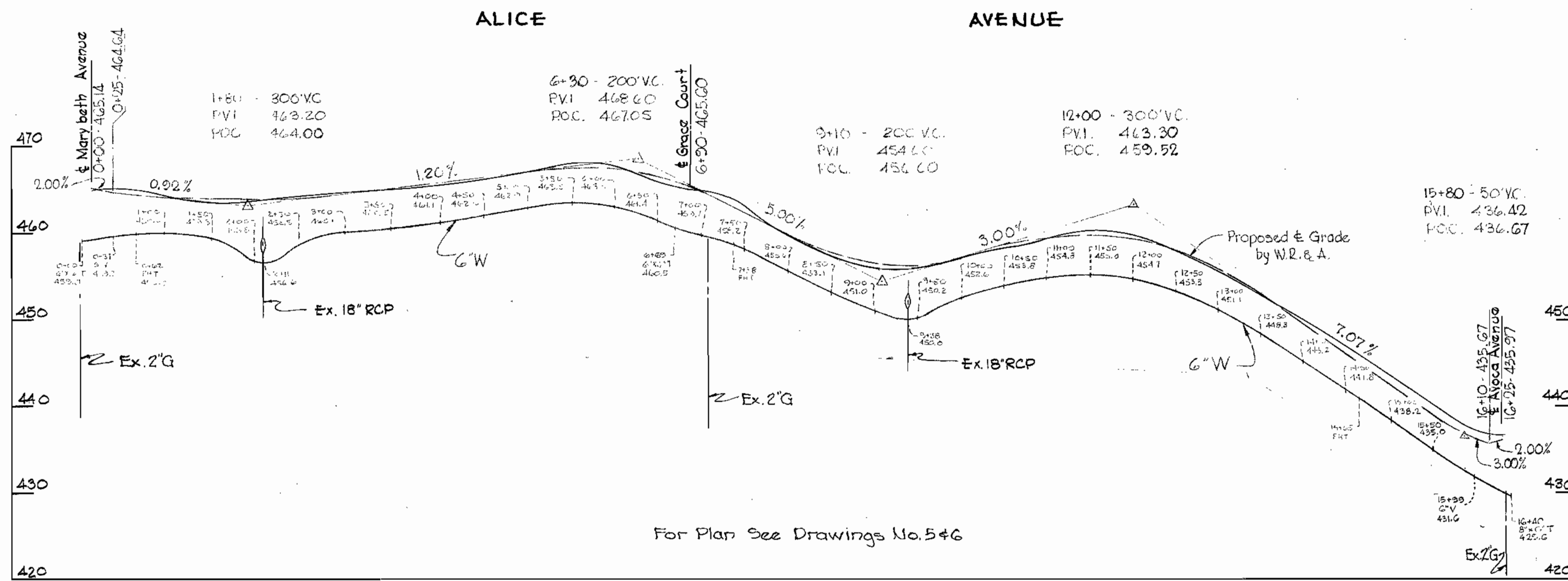
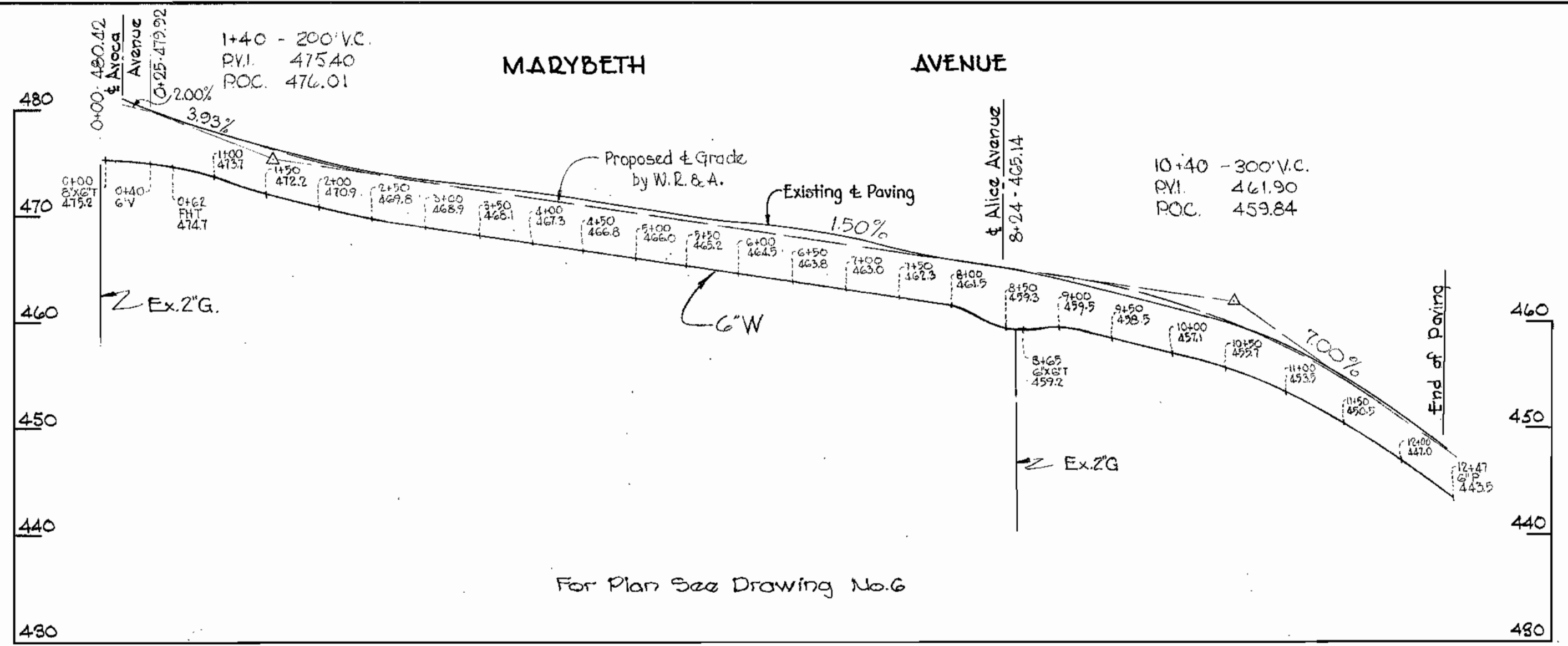
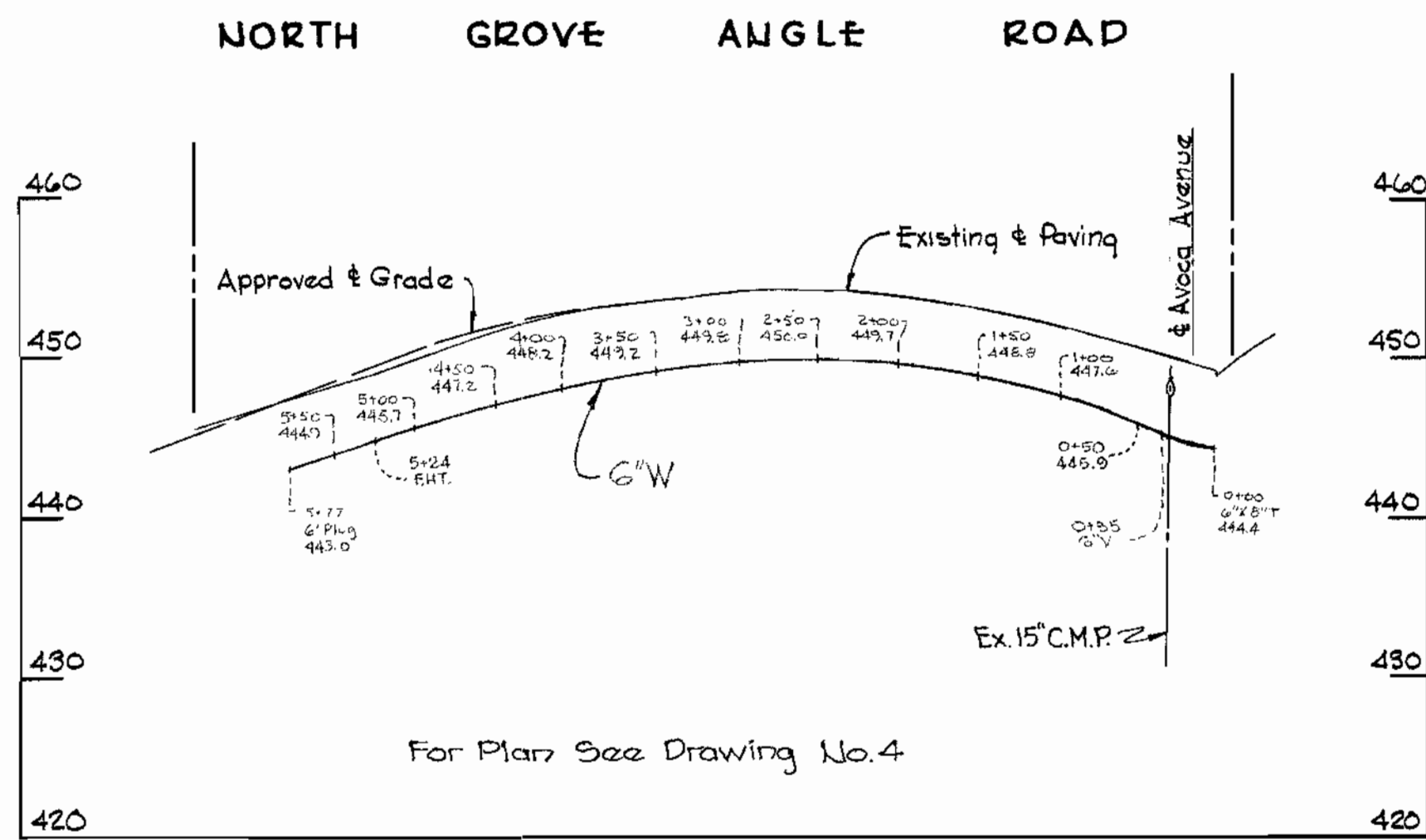
WS 12W/11



WS 12W/12

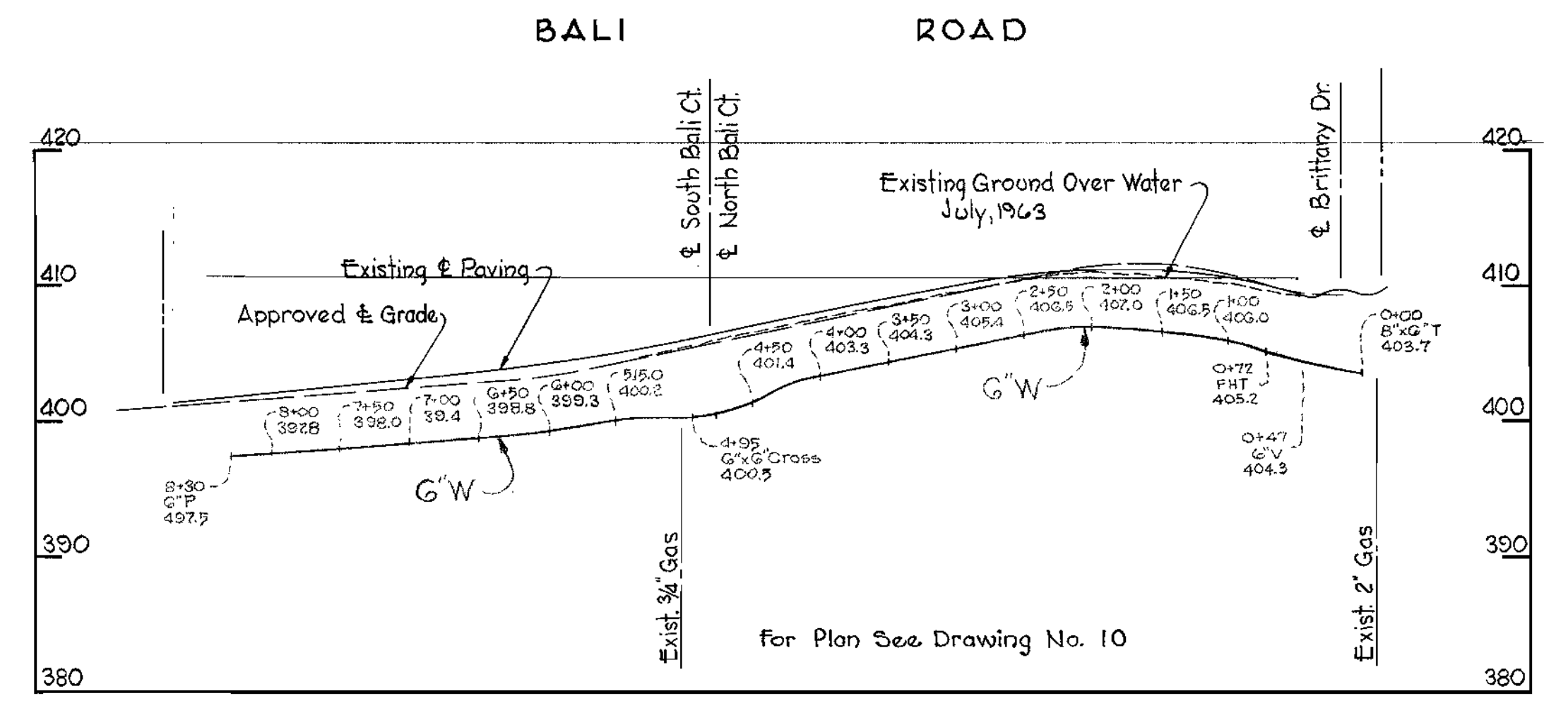
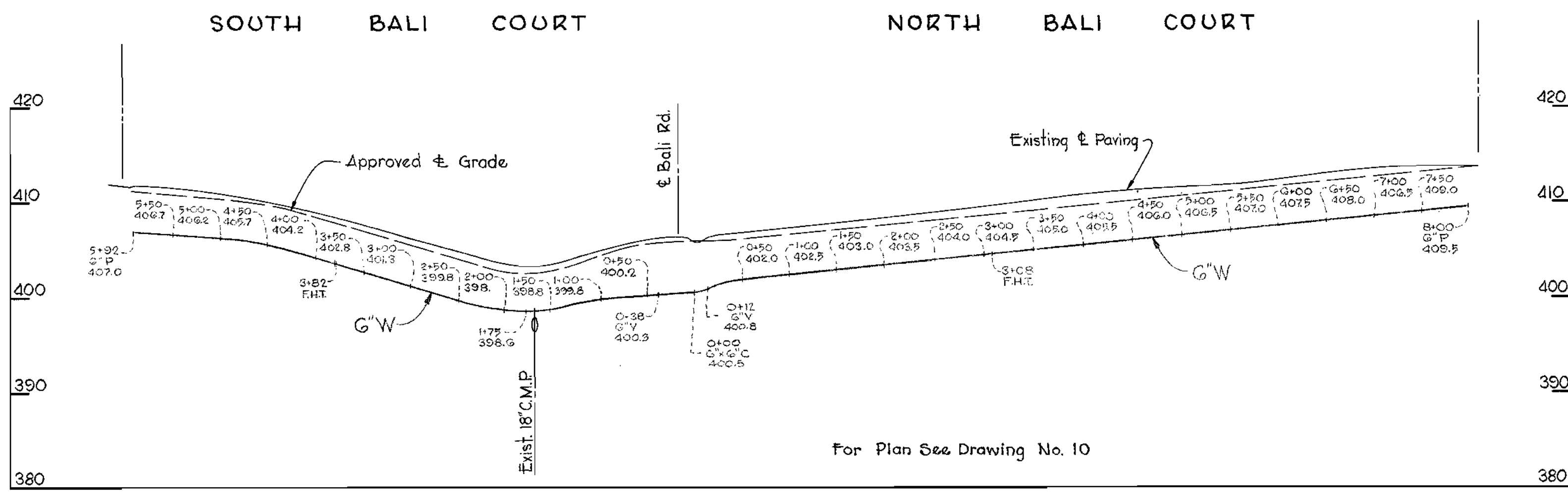
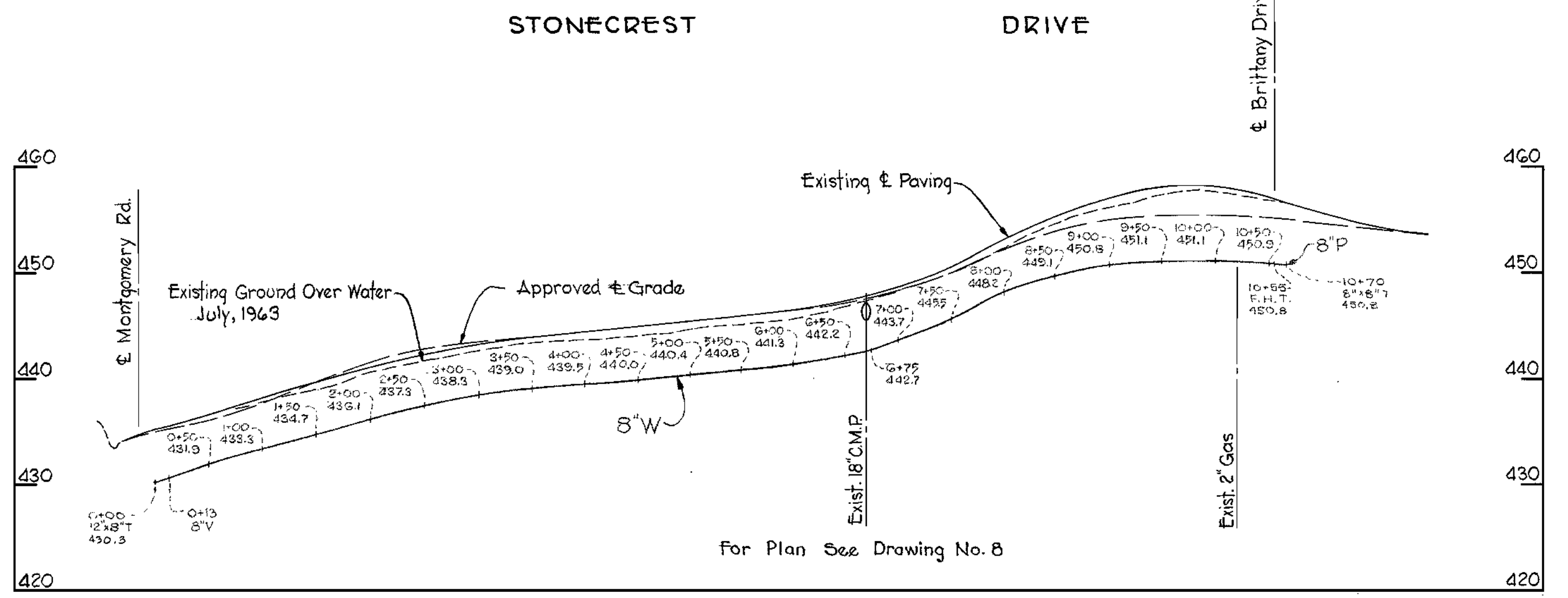
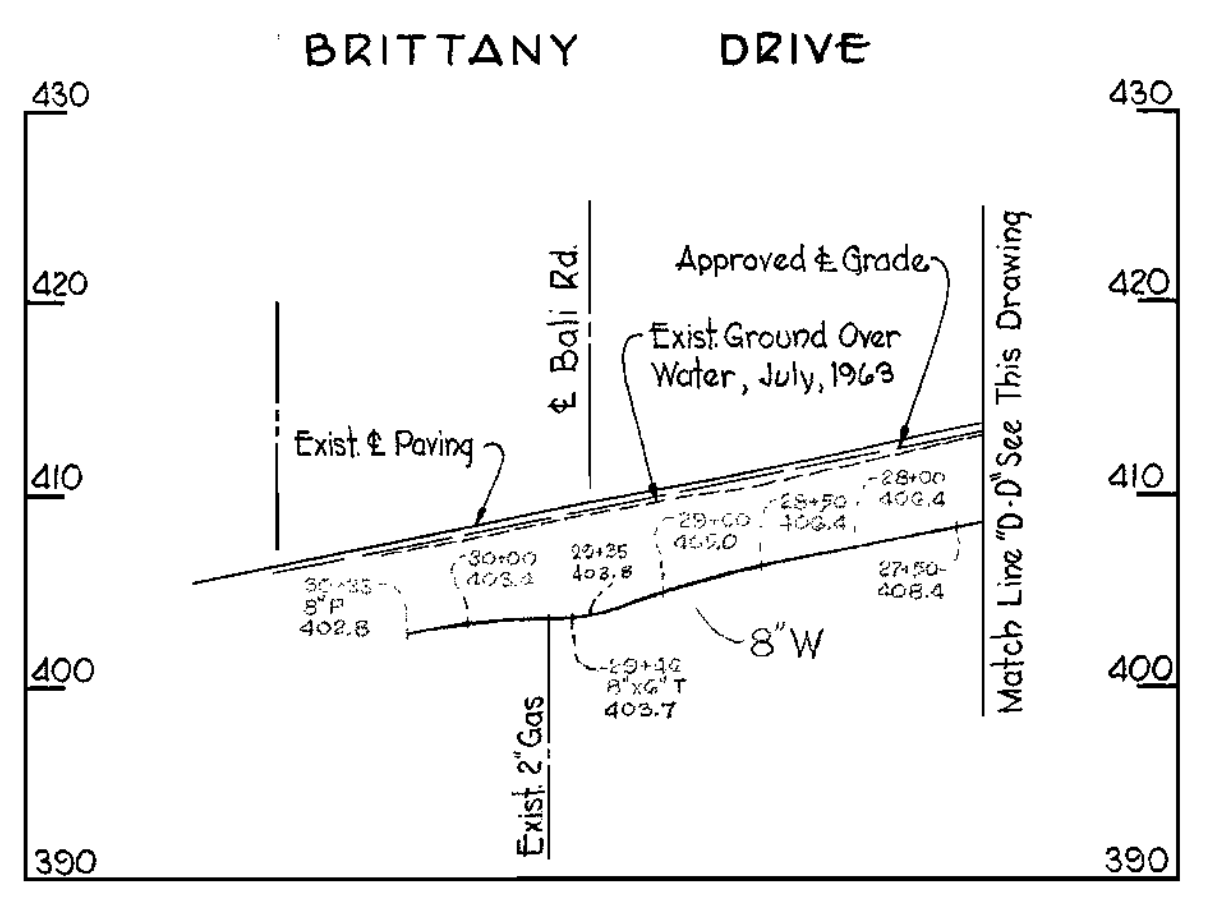
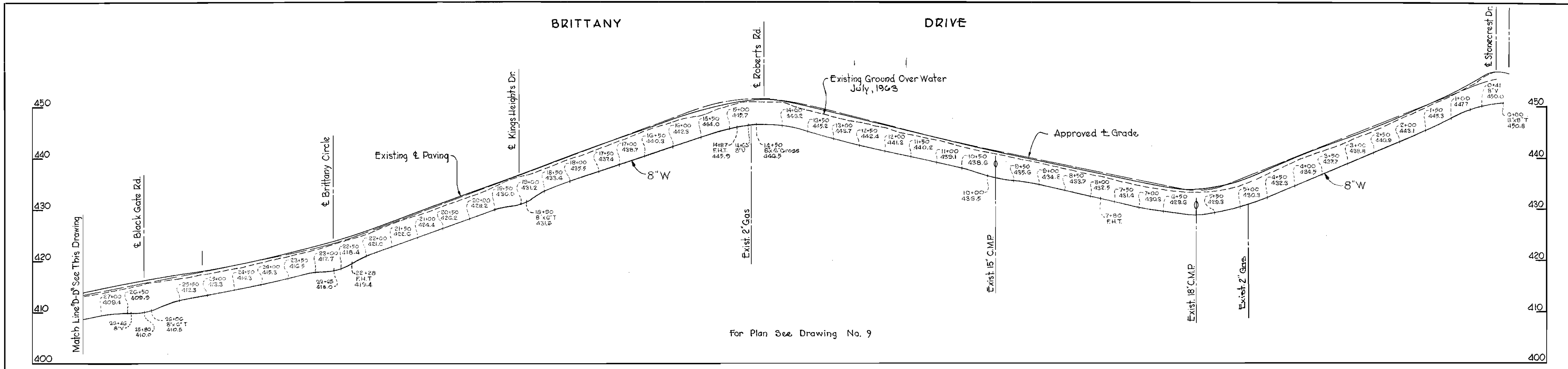
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION AUG. 20, 1964 DATE	CONTRACT NO. 12 W <i>W.O. Filbert</i> CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract No. 12W
					DRAWING NO. 12 OF 14

W. O. 5315-2A AS BUILT 24 NOV. 1965



WS 12W/13

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION Aug. 20, 1964 DATE	CONTRACT NO. 12 W Chief Engineer	PROFILES OF WATER MAIN EXTENSIONS	ELLICOTT CITY SUB-DISTRICT	Contract N ^o 12 W DRAWING NO. 13 OF 14 SCALE H-1"=100' V-1"=10'
	AS BUILT 24 NOV., 1965				



<p>WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND</p>	<p>HOWARD COUNTY METROPOLITAN COMMISSION Aug. 20, 1964 DATE</p> <p style="text-align: center;"><i>W. O. Silbert</i> CHIEF ENGINEER</p>	<p>CONTRACT NO. 12 W</p>	<p>PROFILES OF WATER MAIN EXTENSIONS</p>	<p>ELLICOTT CITY SUB-DISTRICT</p>	<p>Contract N^o 12 W</p>	<p>DRAWING NO. 14 OF 14</p>	<p>SCALE H-1"=100' V-1"=10'</p>
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W. O. 5318-2A

24 NOV. 1965

WS 12W/14