

CONTRACT 3W WATER MAIN EXTENSIONS

EXAMINED FOR		
STORM SEWERS		
R/W-REQ'D		
OTHER UTILITIES		

HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT NO. 2

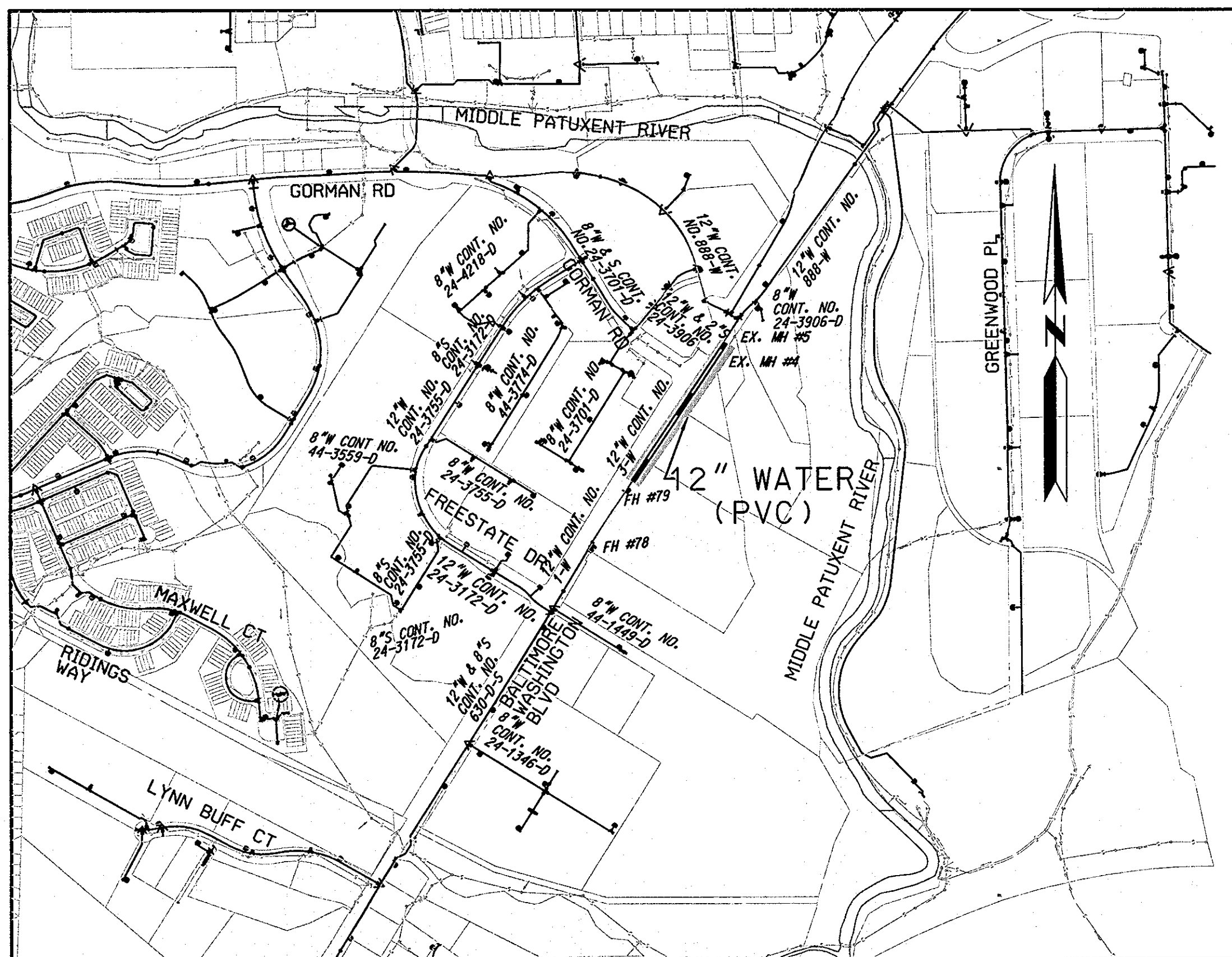
WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED: *Harry B. Shaw* JULY 24 1957
CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3 W	LOCATION MAP OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 1 OF 20 SCALE AS SHOWN 571034 Y
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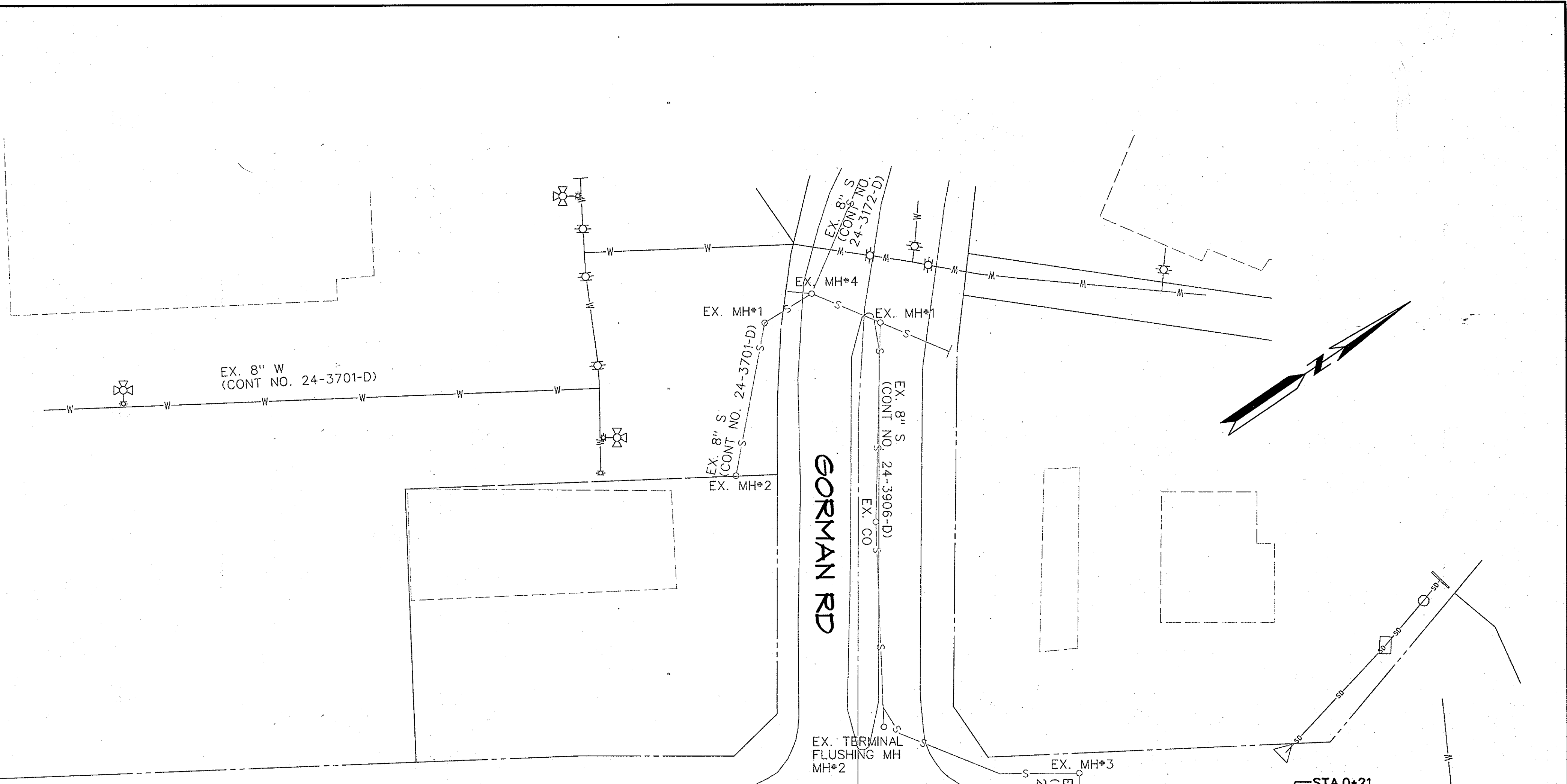
4521

AS BUILT

WS 3W/1

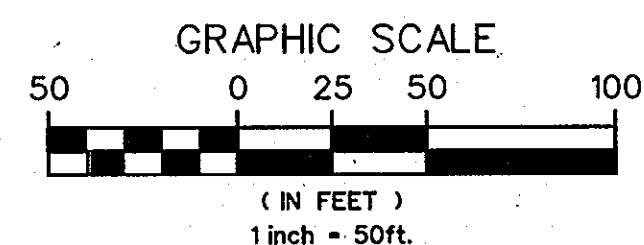


LOCATION MAP
SCALE: 1"=600'



PLAN
SCALE: 1"=50'

QUANTITIES				
ITEM	UNIT	ESTIMATE	AS-BUILT	MATERIAL SUPPLIER
12" WATER (PVC C900)	L.F.		982	
1 1/2" W.H.C.	L.F.		6	
12" VALVE	EA		3	
6" VALVE	EA		1	
6" FH	EA		1	
12" CAP	EA		3	
NAME OF UTILITY CONTRACTOR:				
AS-BUILT DATE: MARCH 3, 2011				



LEGEND

- W WATER MAIN
- ⊗ FIRE HYDRANT
- ⊕ VALVE
- W WATER HOUSE CONNECTION
- ⊕ TEST STATION
- P PROPERTY LINE
- W EXISTING WATER MAIN
- ⊗ EXISTING FIRE HYDRANT
- ⊕ EXISTING VALVE
- S EXISTING SEWER MAIN
- EXISTING SEWER MANHOLE
- SD EXISTING STORM DRAIN
- EXISTING POLE

AS BUILT

PLOTTED: 04:42 PM on Thursday, July 14, 2011
 FILE: H:\2407\01071378_S1\46.dwg
 PLOT: H:\2407\01071378_S1\46.dwg

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 7/27/11
DIRECTOR OF PUBLIC WORKS

[Signature] 7/26/10
CHIEF, BUREAU OF ENGINEERING

[Signature] 7/26/11
CHIEF, UTILITY DESIGN DIVISION

[Signature] 7/26/11
CHIEF, BUREAU OF UTILITIES

KCI TECHNOLOGIES

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD
SHARPS, MARYLAND 21152
TELEPHONE: (410) 316-7800
FAX: (410) 316-7818
www.kci.com

DES:				
DRN:	SAH			
CHK:	GW			
DATE:	SAH 1	AS BUILT	6/11	
JUNE 2011	BY NO.	REVISION	DATE	

WATER PLAN

600' SCALE MAP NO. 47 BLOCK NO. 1

US ROUTE 1 WATER MAIN

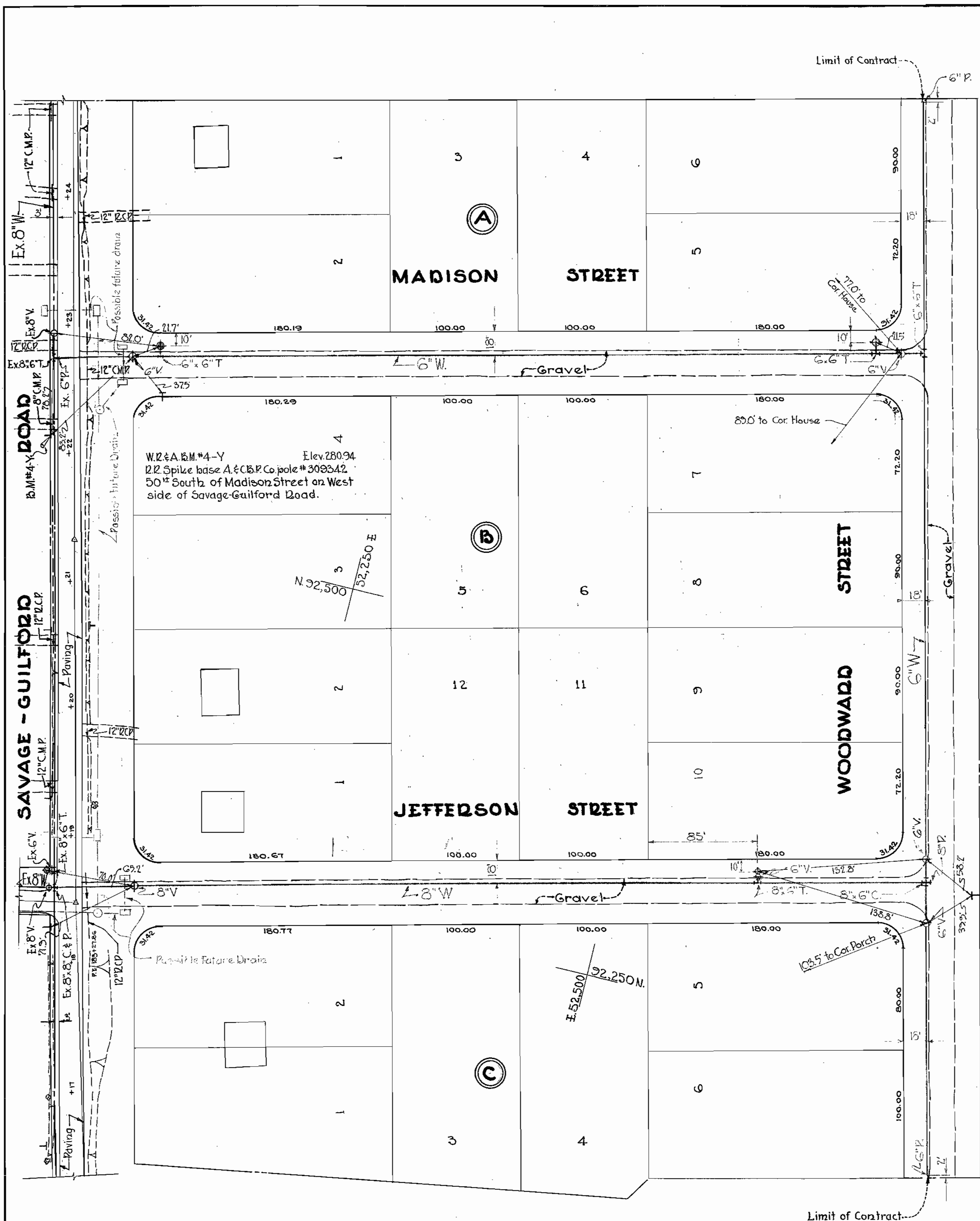
CONTRACT No. 3-W

ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND

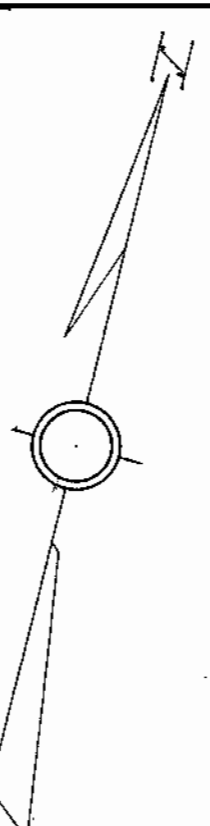
SCALE AS SHOWN

SHEET 1 OF 1

WS 3W / 1-A

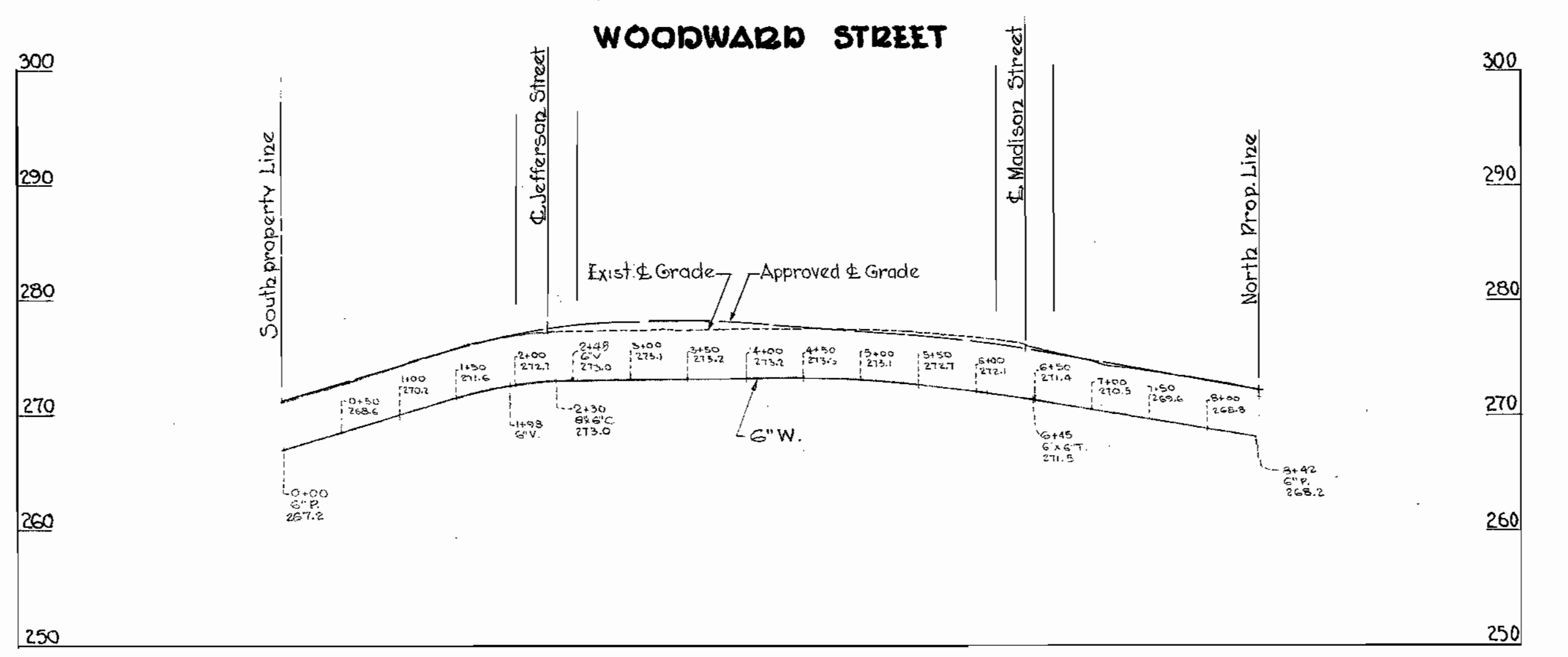
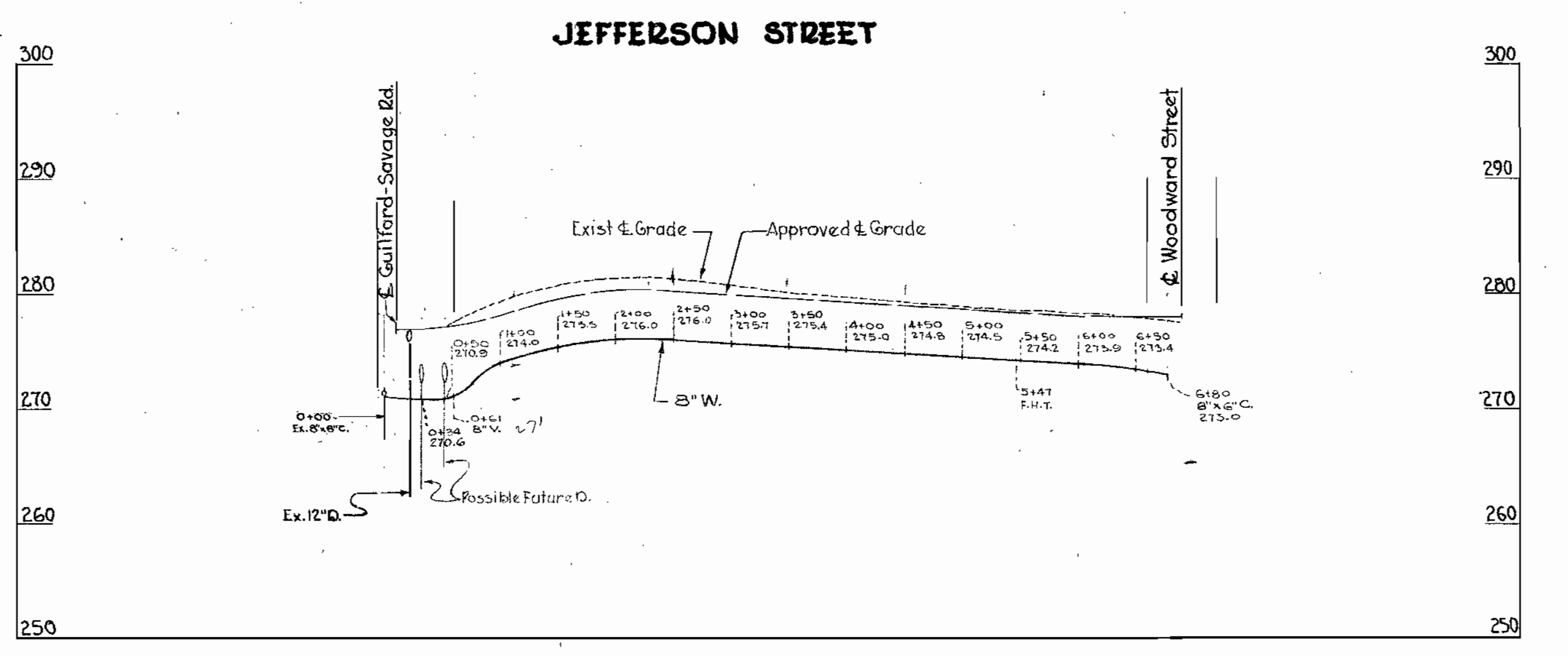
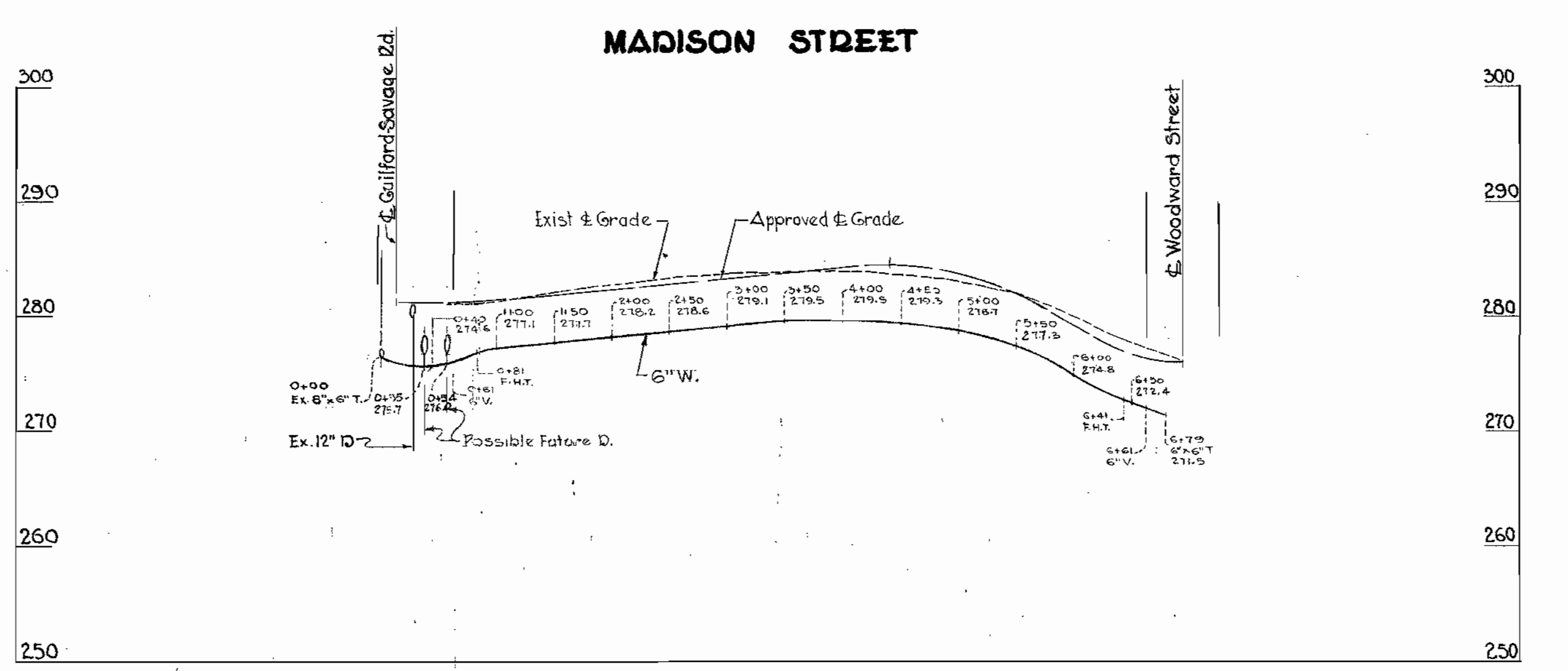


PLAN
Scale: 1"=50'



N. 22.750
E. 52.150

All water pipe to be C.I. Class 22.
Use wood to block all fittings. See W.S.C.
standard detail drawings 57806-L & 57808-L.



PROFILE

Hor: 1"=100'
Scale: Vert: 1"=10'

WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED: *Harry B. Shaw* 1/30/58
CHIEF ENGINEER DATE

DRAWING NO. 1A OF 20
SCALE AS SHOWN
58332
Y.
47 NE 18-3,4

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

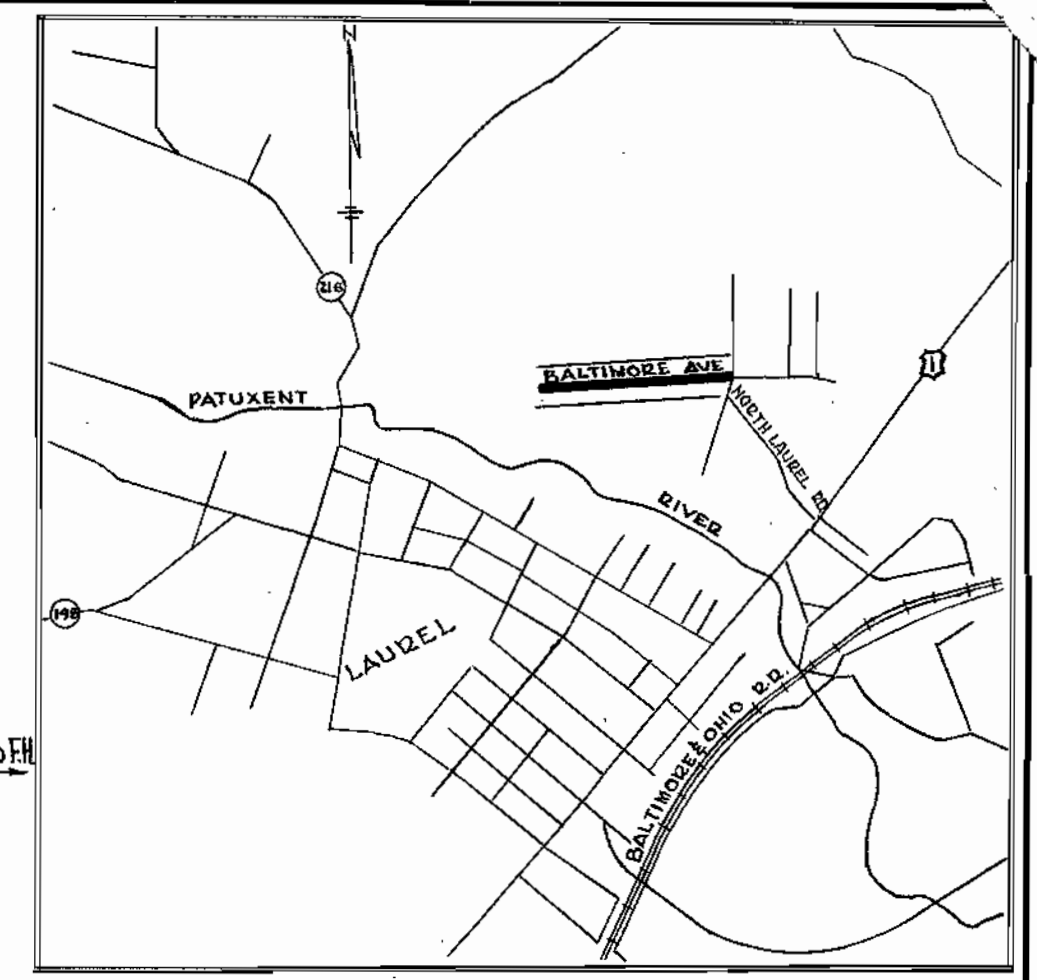
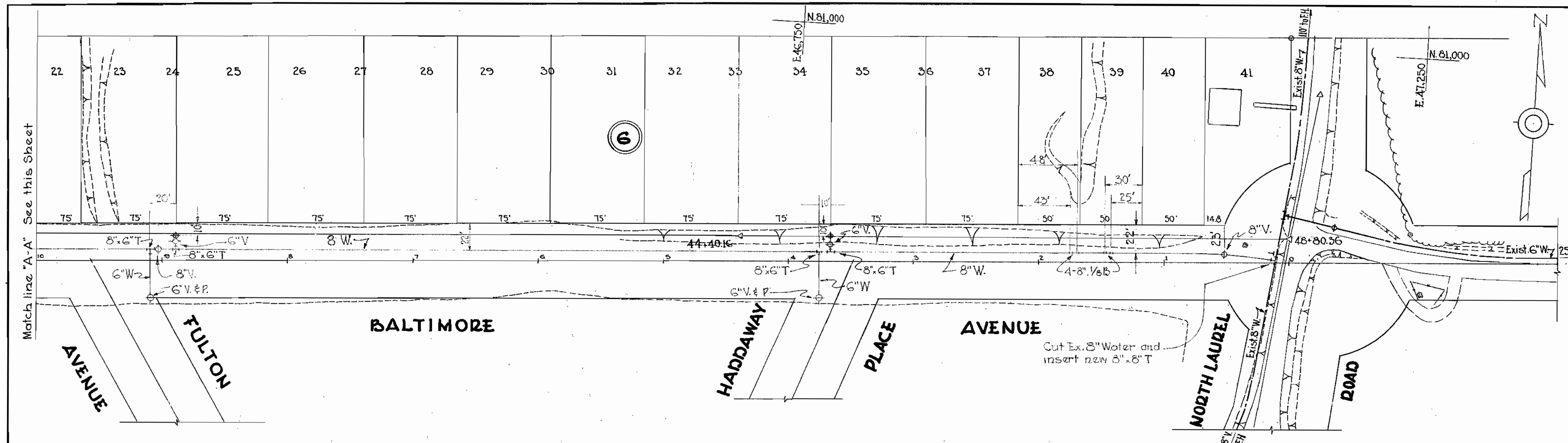
HOWARD COUNTY METROPOLITAN COMMISSION
February 3, 1958
DATE
Charles W. Meyer
CHAIRMAN

CONTRACT NO. 3 W

PLAN AND PROFILE OF
WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2.

WS 3W/1 (North Laurel)

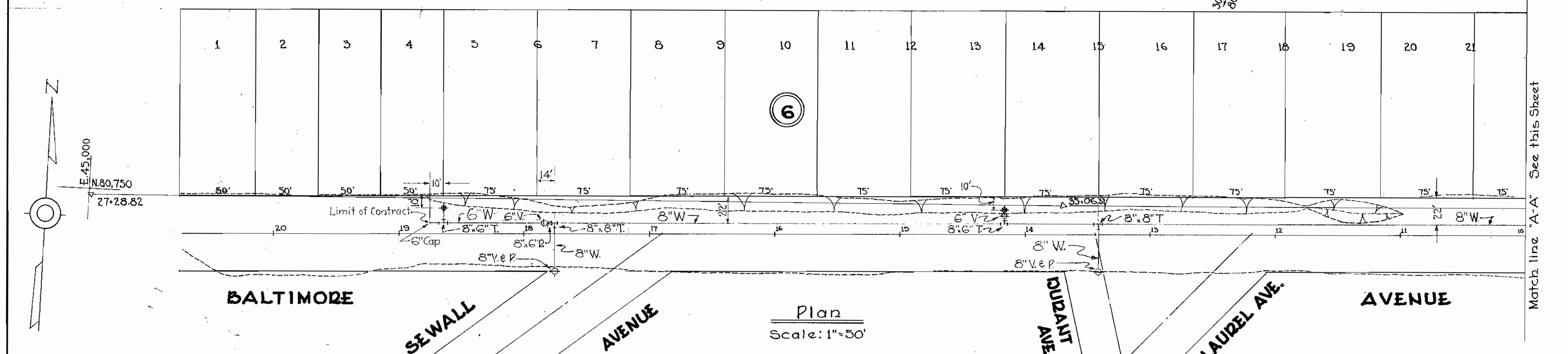


VICINITY MAP
Scale: 1 in = 2,000 ft.

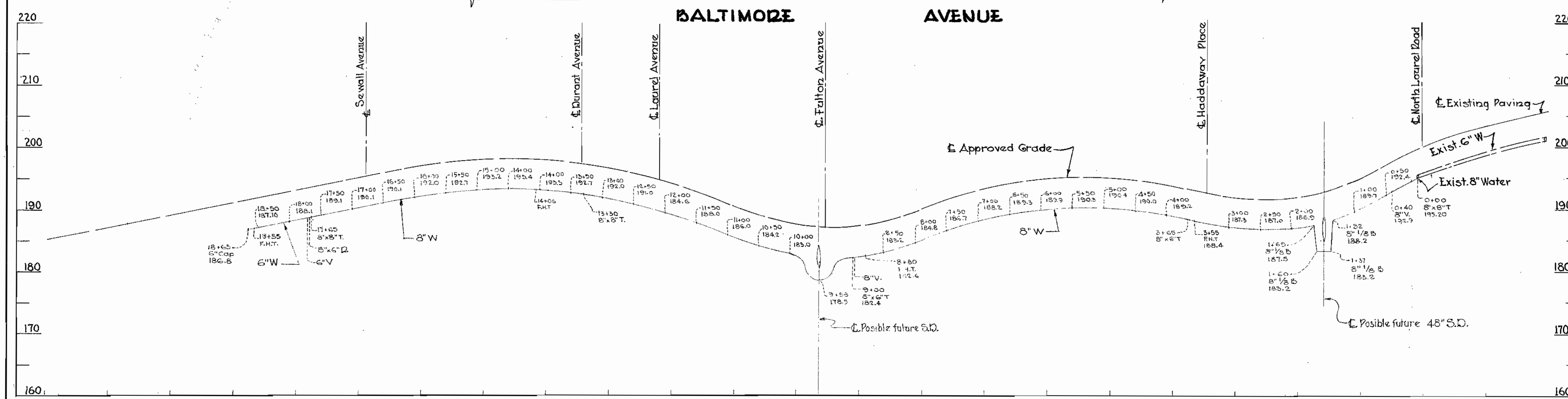
BENCH MARKS

W. 12 & A. B. M. # 32, E. 1189.67, Nail & Cap in G. & E. Pole # 191531.
East side of North Laurel Rd., 125' South of Cissell Avenue.

W. 12 & A. B. M. # 32-A, E. 1206.42, Nail & Tin Top in C. & P. Pole # 163865 on N.E. corner Madison Avenue & Baltimore Avenue



Plan
Scale: 1" = 50'



PROFILE :
Vert. 1" = 10'
Scale: Hor. 1" = 100'

WASHINGTON SUBURBAN SANITARY COMMISSION

APPROVED: _____
CHIEF ENGINEER: _____ DATE: _____

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

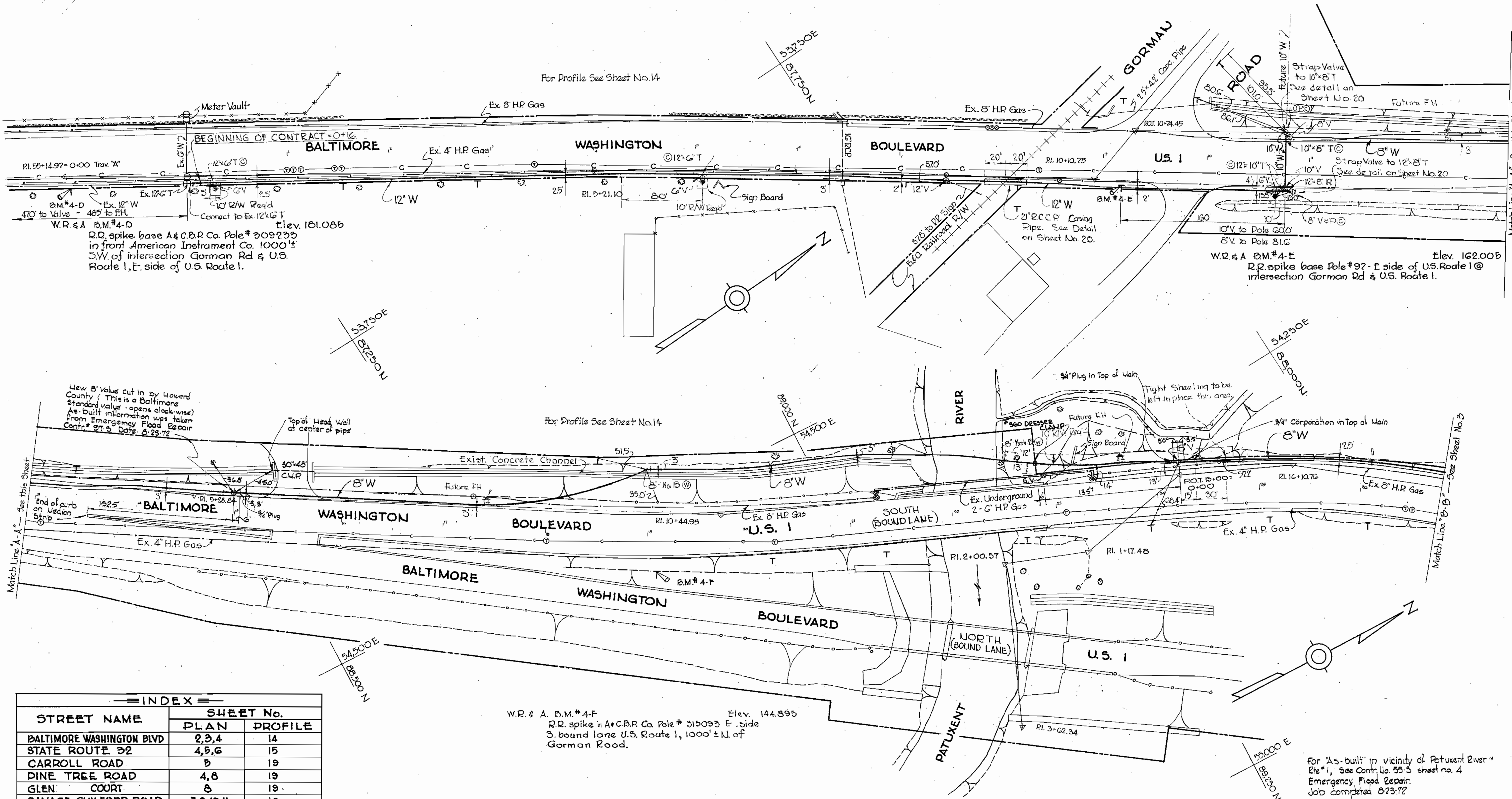
HOWARD COUNTY METROPOLITAN COMMISSION
DATE: _____ CHAIRMAN: _____

CONTRACT NO. 3.W.

VICINITY MAP, PLAN & PROFILE OF WATER MAIN EXTENSION

PUTUXENT SUB-DISTRICT NO. 2.

DRAWING NO. 1 OF 1 SCALE AS SHOWN
58331
Y
41 NE 1634



INDEX

STREET NAME	SHEET No.	
	PLAN	PROFILE
BALTIMORE WASHINGTON BLVD	2,3,4	14
STATE ROUTE 32	4,5,6	15
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DINE TREE ROAD	4,8	19
GLEN COURT	8	19
SAVAGE-GUILFORD ROAD	7,8,10,11	16
VOLMERHAUSEN ROAD	7,8	16
JEFFERSON STREET	8,9	19
WINDERMERE WAY	9	19
LINCOLN STREET	10	18
COMMERCIAL STREET	10,11	17
FOUNDRY STREET	10,11	17
COMMERCE STREET	10	17
BALTIMORE STREET	3,11,12,13	18
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FAIR STREET	11	17
WILLIAMS STREET	6,11	18
SAVAGE ROAD	6,11	17
WOODWARD STREET	10,12	19
BALDWIN STREET	13	18
HOWARD STREET	3,13	18

W.R. & A. D.M.#4-F Elev. 144.895
 R.R. spike in A.C.B.R. Co. Pole # 315093 E. side
 S. bound lane U.S. Route 1, 1000' ± N. of
 Gorman Road.

GENERAL NOTES

- 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.
- All pipe elevations shown are invert elevations.
- The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
- Before digging, pipe pushing or doing other work near Telephone Cables call collect at any time, Lexington 9-99-00 Ext. 552, 554 or 555 Baltimore, Maryland.
- 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.
- Clear all poles by a 2'-0" minimum.
- All tops of Frost Casings on fire Hydrants to be set 0.25' above edge of paving or as directed by Engineer in the field.
- 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.
- For all standard details see standards bound in specifications.
- All 6" & 8" W. to be Class 22. All 10" W & 12" W to be "Class 23"
- All 2" W to be copper Type "K"
- Use wood to block all fittings marked ⊗ See standard detail plan 57806-L & 57808-L.
- Use concrete to block fittings marked ⊙ See standard detail plan 46715-L & the following:

STREET	STATION	FITTING	TYPE	STANDARD DETAIL	CLASS
ST. RT. 32	39+64 & 39+44	12" 1/2	V.B.U.	56 B11-L	A
" "	39+59 & 39+49	12" 1/2	V.B.L.	56 B12-L	A
" "	24+62 & 25+37	12" 1/2	H.V.U.	Special Detail Dwg 20	"
" "	25+00 & 25+26	12" 1/2	H.V.L.	"	"
COMMERCE ST	1+22 & 1+40	6" 1/2	V.B.U.	56 B11-L	B
" "	1+26 & 1+36	6" 1/2	V.B.L.	56 B12-L	B

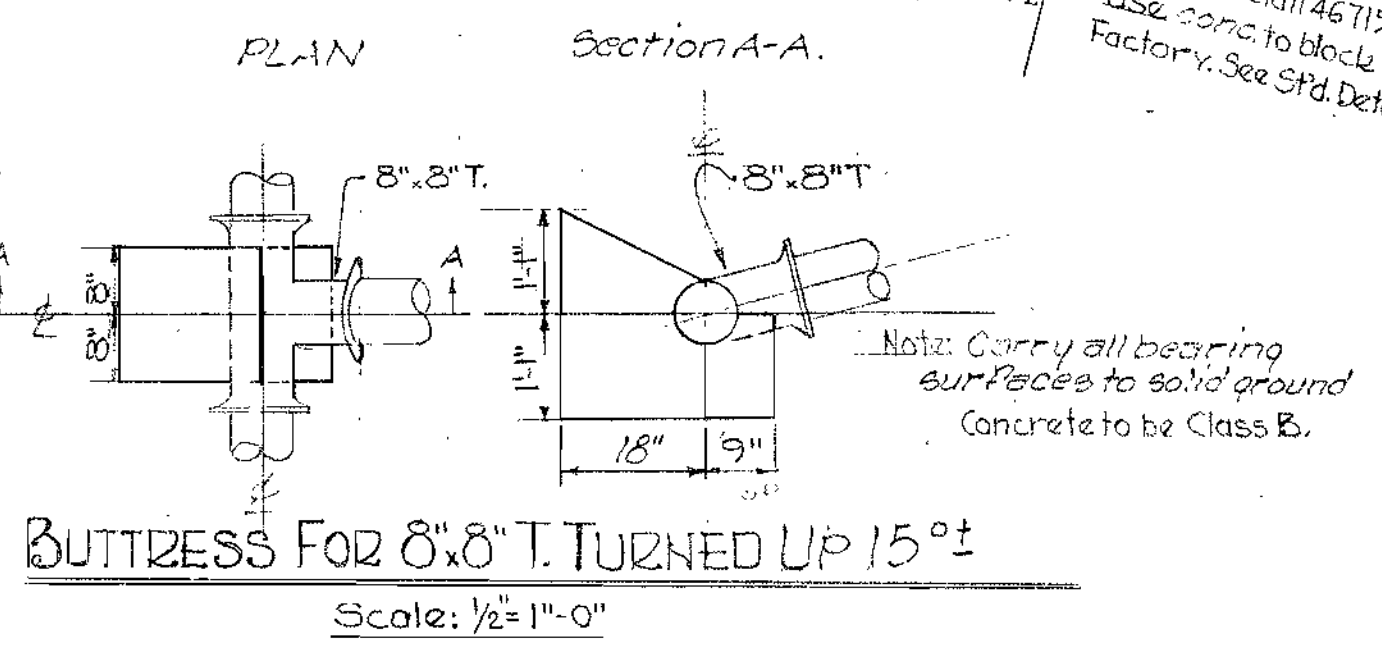
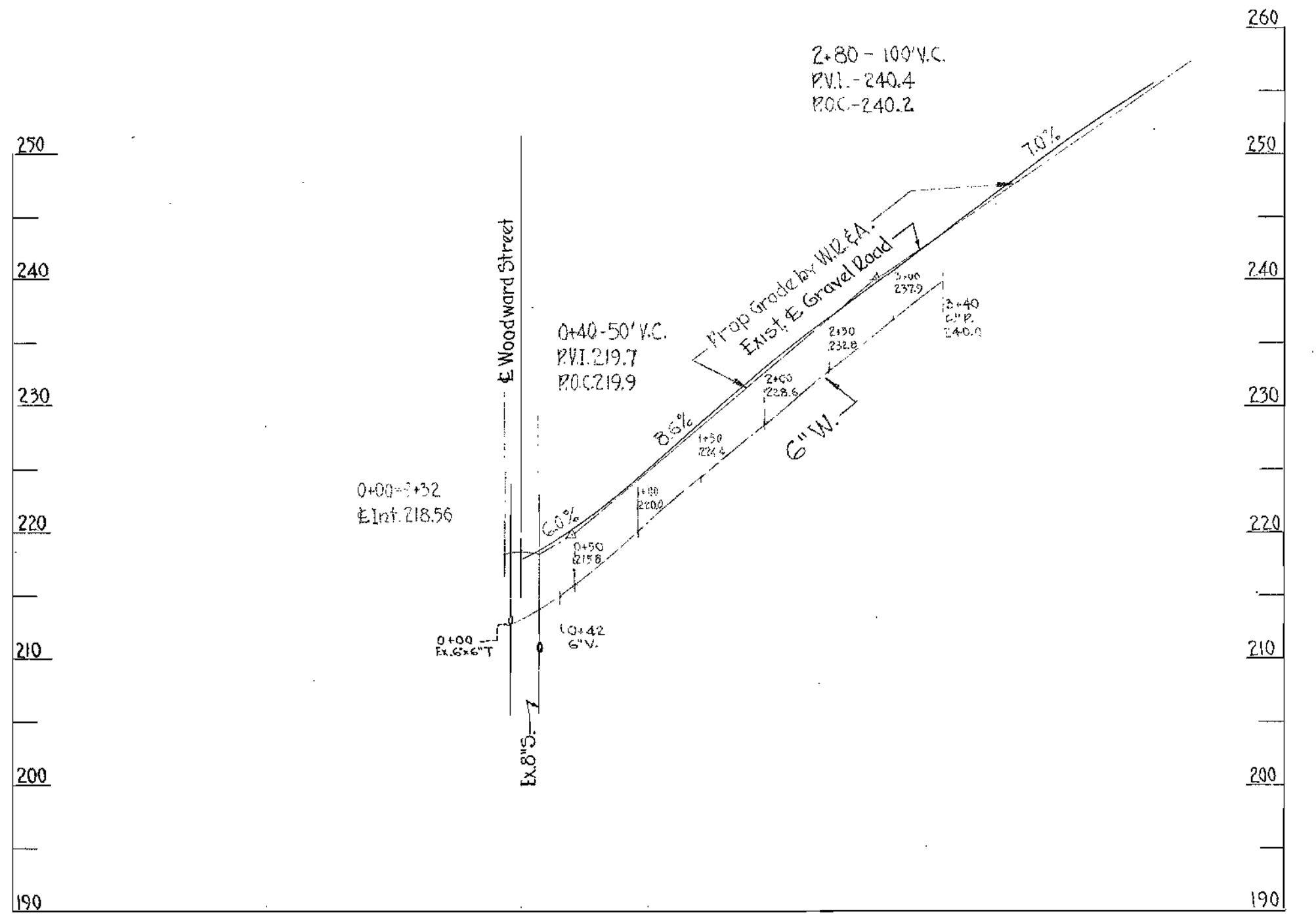
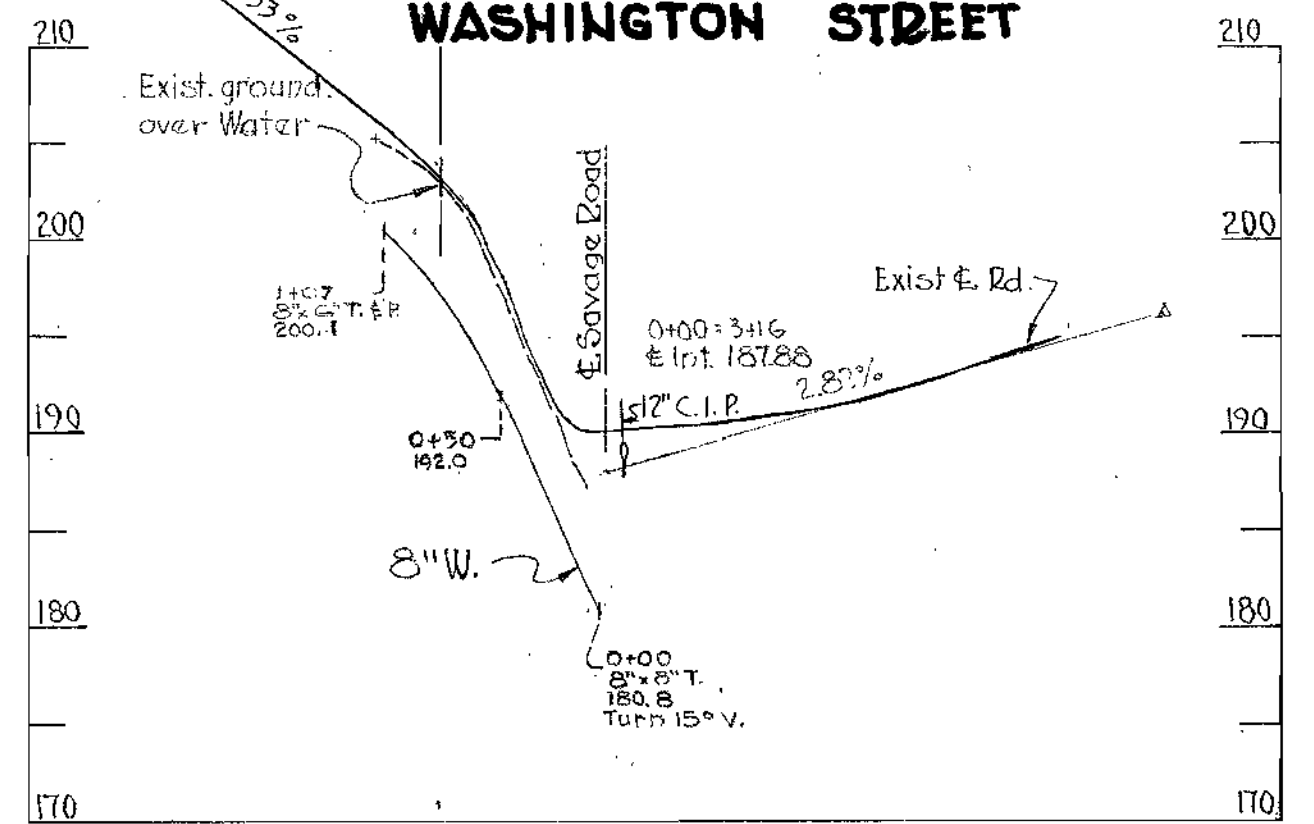
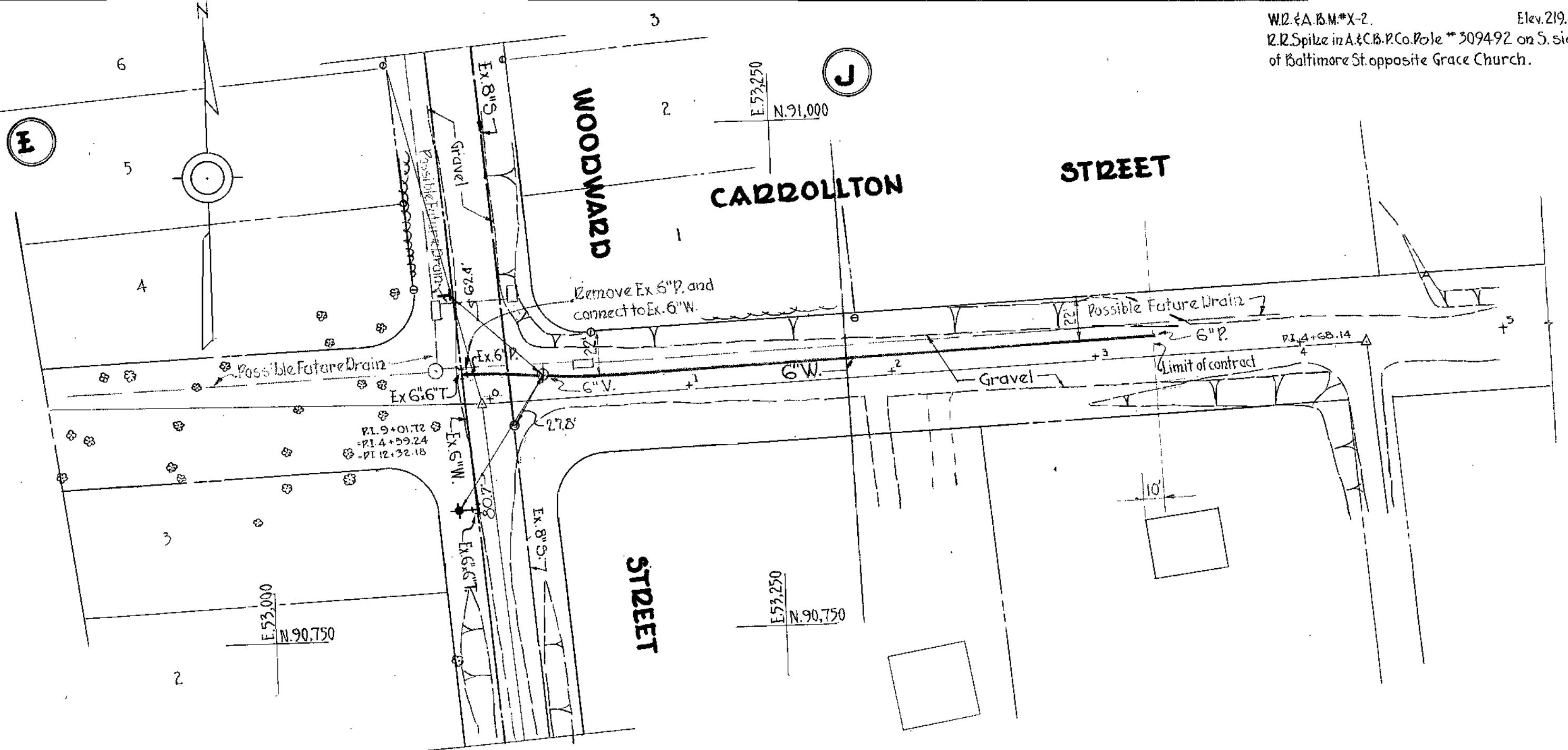
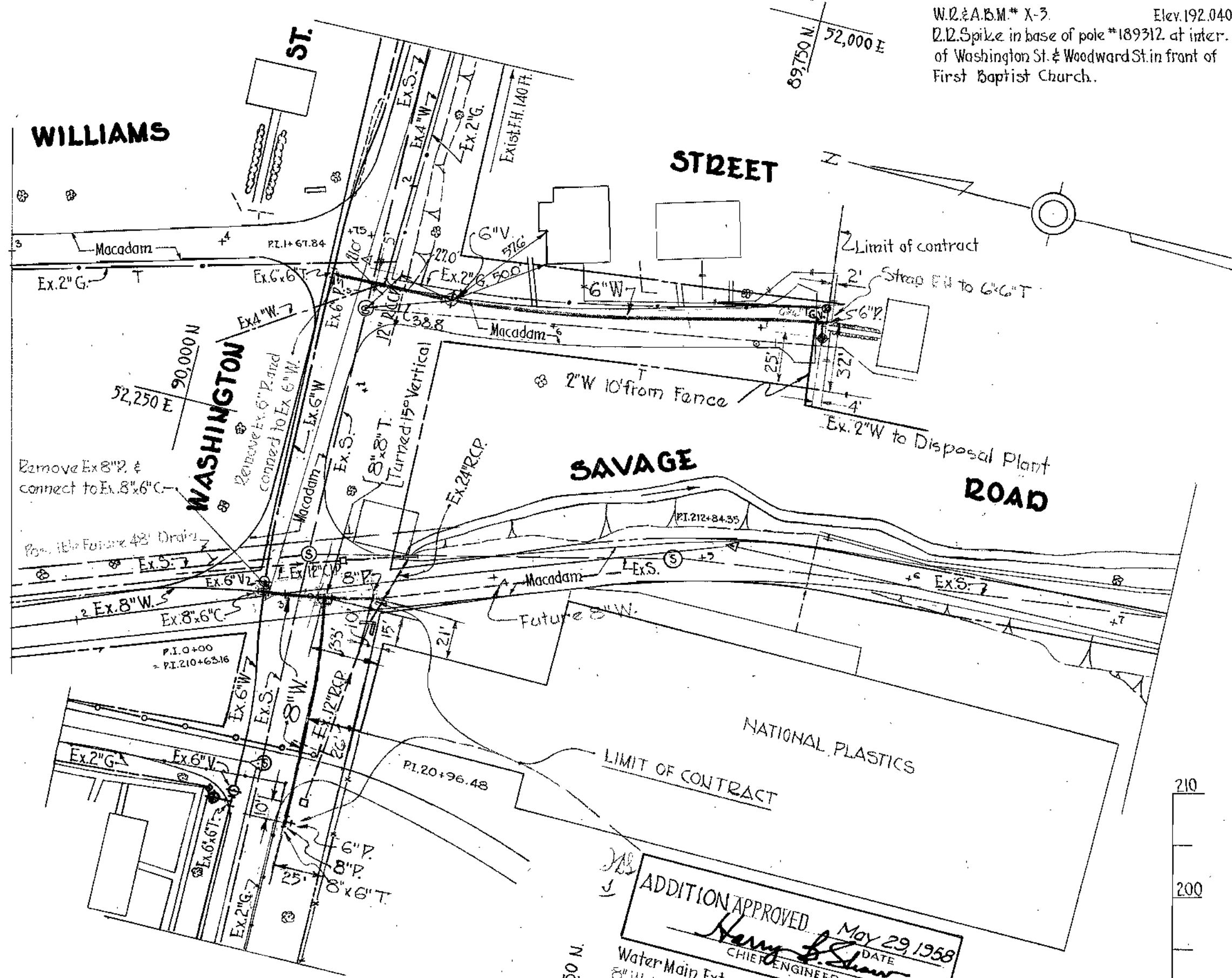
WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3 W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2 DRAWING NO. 2 OF 20 SCALE 1"=50' 571035
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WS 3W/2

W.D. & A.M. *X-2 Elev. 219.476
 D.I. Spike in A.C.B. P.Co. Pole # 309492 on S. side of Baltimore St. opposite Grace Church.

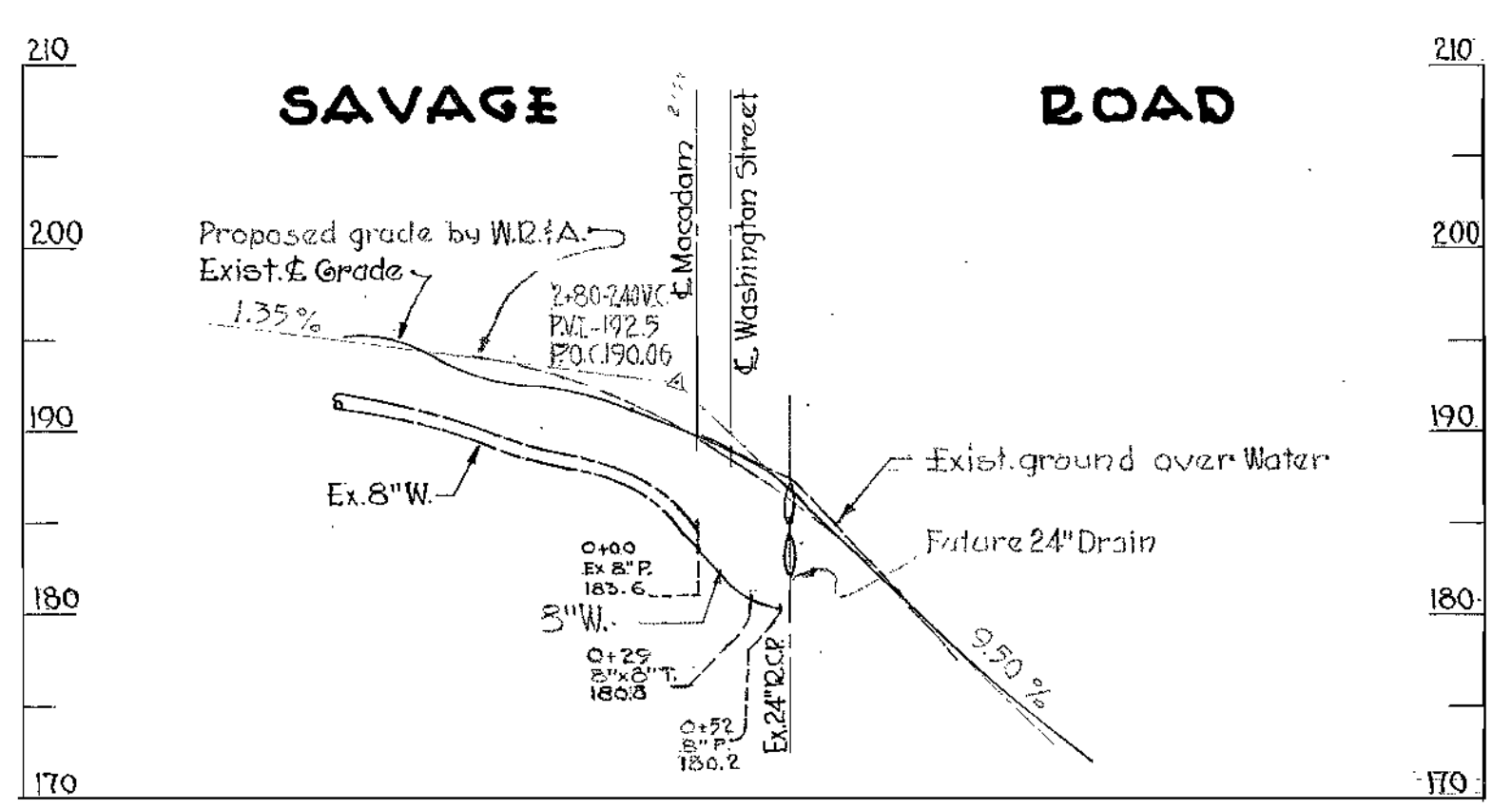
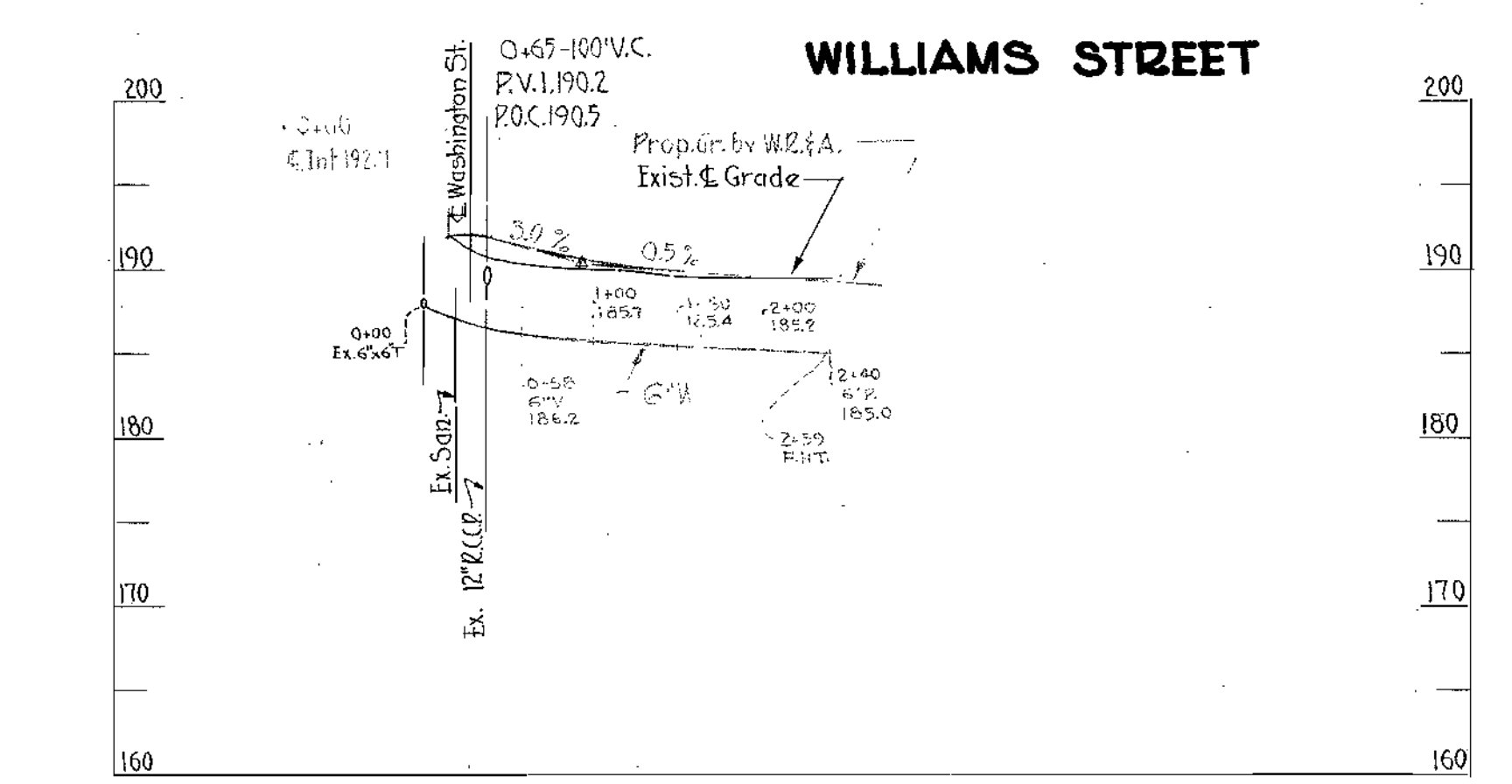
W.D. & A.M. *X-3 Elev. 192.040
 D.I. Spike in base of pole #18912 at inter- of Washington St. & Woodward St. in front of First Baptist Church.



ADDITION APPROVED
 May 29, 1958
 HARRY B. SHAW
 CHIEF ENGINEER

Water Main Extended 160' in Plan and Profile, Wash. St. & Savage Rd.
 8\"/>

6\"/>



PROFILE:
 SCALE: Hor. 1\"/>

PROFILE:
 SCALE: Hor. 1\"/>

PROFILE:
 SCALE: Hor. 1\"/>

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED: *Harry B. Shaw* March 13, 1958
 CHIEF ENGINEER DATE:

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

HOWARD COUNTY METROPOLITAN COMMISSION
 May 12, 1958
 DATE

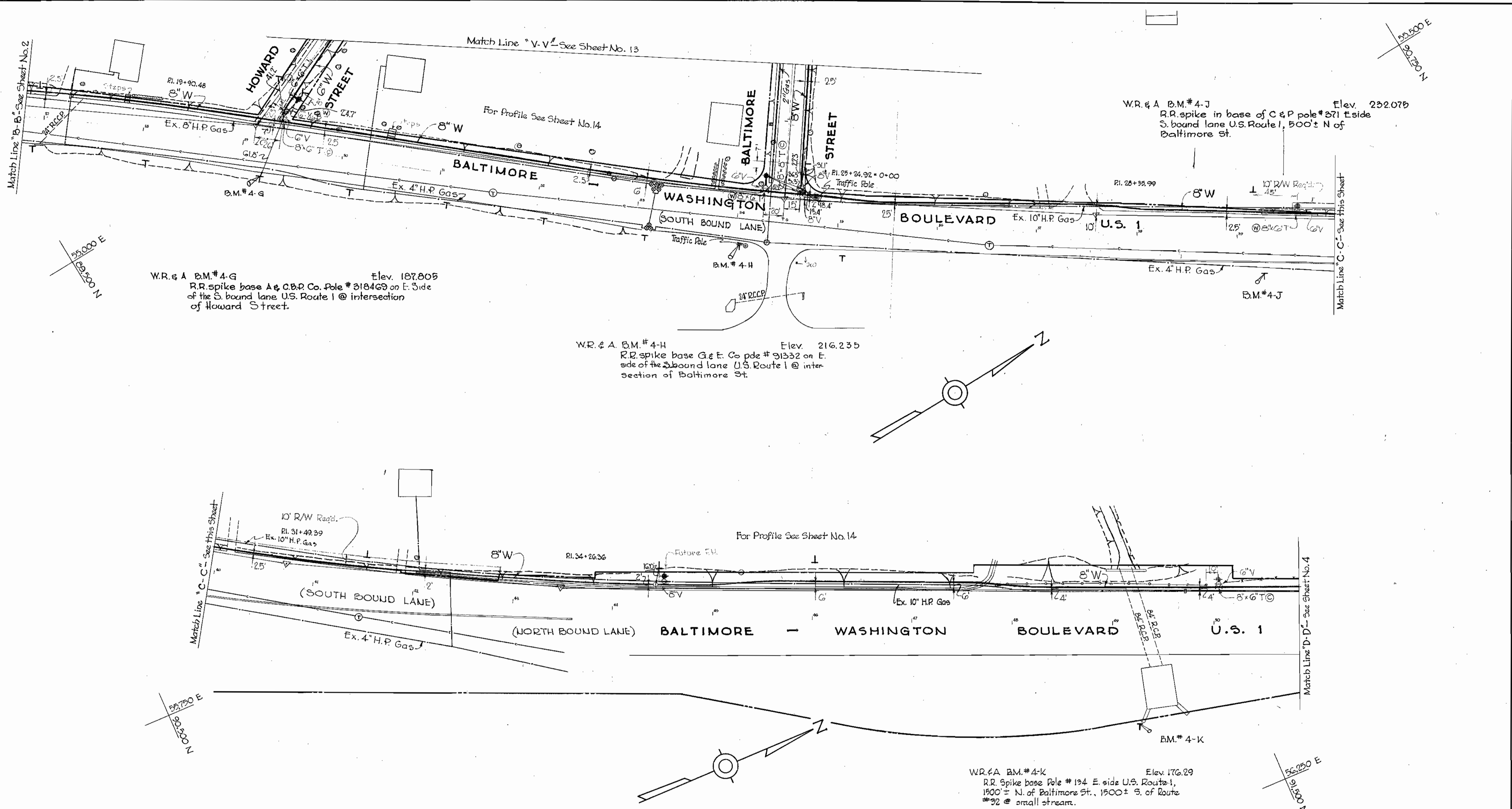
CONTRACT NO. 3.W

PLAN AND PROFILE OF
 WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2.

DRAWING NO. 2.A OF 20
 SCALE AS SHOWN
 58389
 Y
 45 NE 16-1
 46 NE 16-4

WS 3W/2A



W.R. & A. B.M.#4-G Elev. 187.805
 R.R. spike base A & C.B.P. Co. Pole # 318469 on E. Side of the S. bound lane U.S. Route 1 @ intersection of Howard Street.

W.R. & A. B.M.#4-H Elev. 216.235
 R.R. spike base G & E. Co pole # 31332 on E. side of the S. bound lane U.S. Route 1 @ intersection of Baltimore St.

W.R. & A. B.M.#4-K Elev. 176.29
 R.R. Spike base Pole # 194 E. side U.S. Route 1, 1500' ± N. of Baltimore St., 1500' ± S. of Route #32 @ small stream.

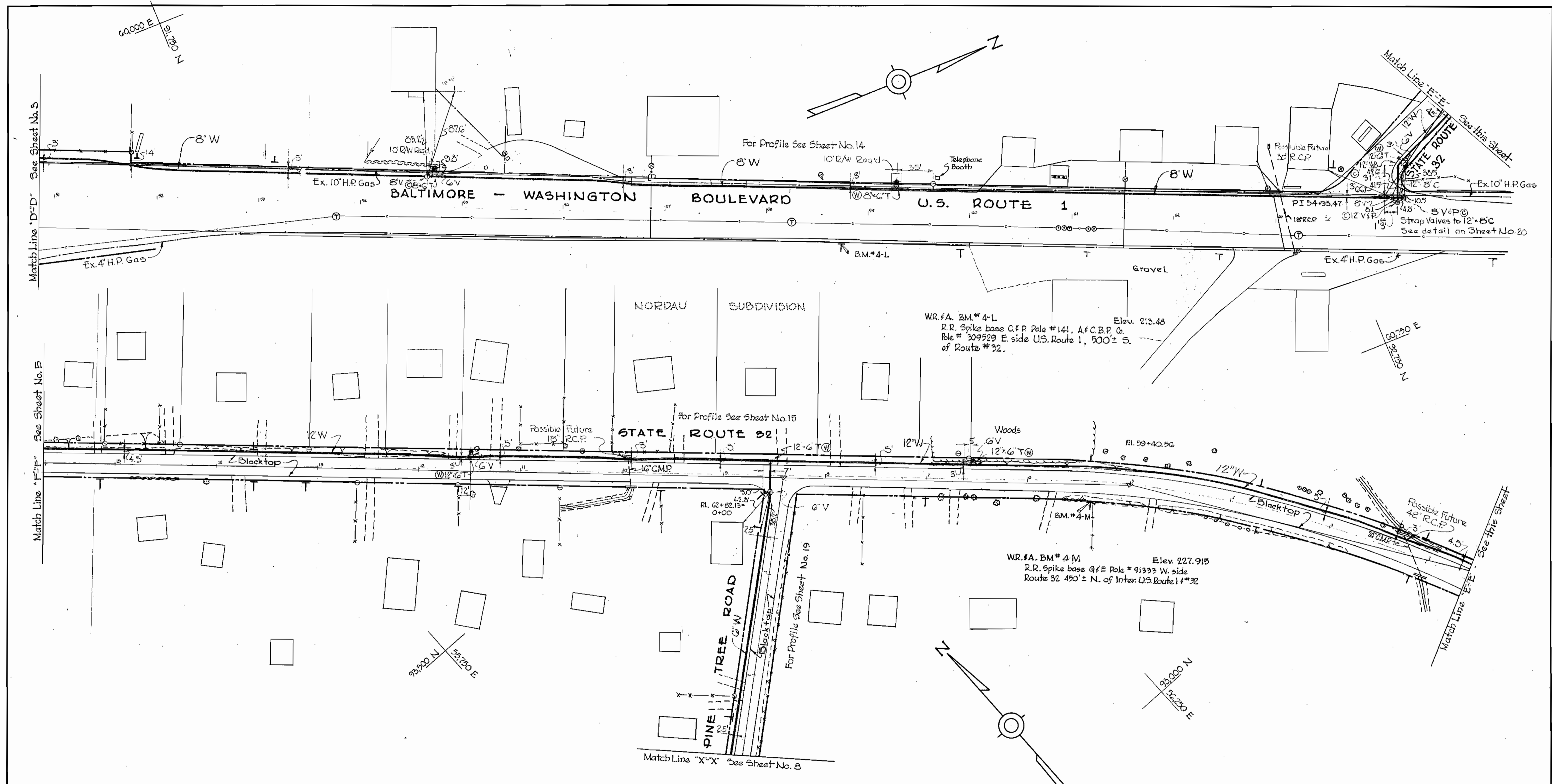
Continued from Sheet 2

STREET	STATION	FITTING	TYPE	STANDARD DETAIL	CLASS
FOUNDRY ST	4+67	6" 1/8	V.B.U.	56811-L	B
"	4+29	8" 1/8	V.B.U.	56811-L	B
"	4+62	6" 1/8	V.B.U.	56812-L	B
"	4+34	8" 1/8	V.B.L.	56812-L	B
WASH. ST	9+81 & 9+51	6" 1/8	V.B.U.	56811-L	B
"	1+35 & 1+05	6" 1/8	V.B.U.	56811-L	B
"	9+76 & 9+56	6" 1/8	V.B.L.	56812-L	B
"	1+30 & 1+10	6" 1/8	V.B.L.	56812-L	B
BALTO. ST	29+42 & 29+02	8" 1/8	V.B.U.	57784-L	B
"	29+32 & 29+12	8" 1/8	V.B.L.	57785-L	B
"	10+56 & 10+37	8" 1/8	V.B.U.	56811-L	B
"	10+31 & 10+11	8" 1/8	V.B.L.	56812-L	B

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 3 OF 20 SCALE 1"=50' 571036 Y 42 NE 19-2, 3, 4 49 NE 19-1 F.B. 1903, 1925
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WS 3W/3



WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Harry B. Shaw JULY 24, 1957
CHIEF ENGINEER DATE

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

HOWARD COUNTY METROPOLITAN COMMISSION
DATE July 26, 1957
Carl W. Meyer
CHAIRMAN

CONTRACT NO. 3W

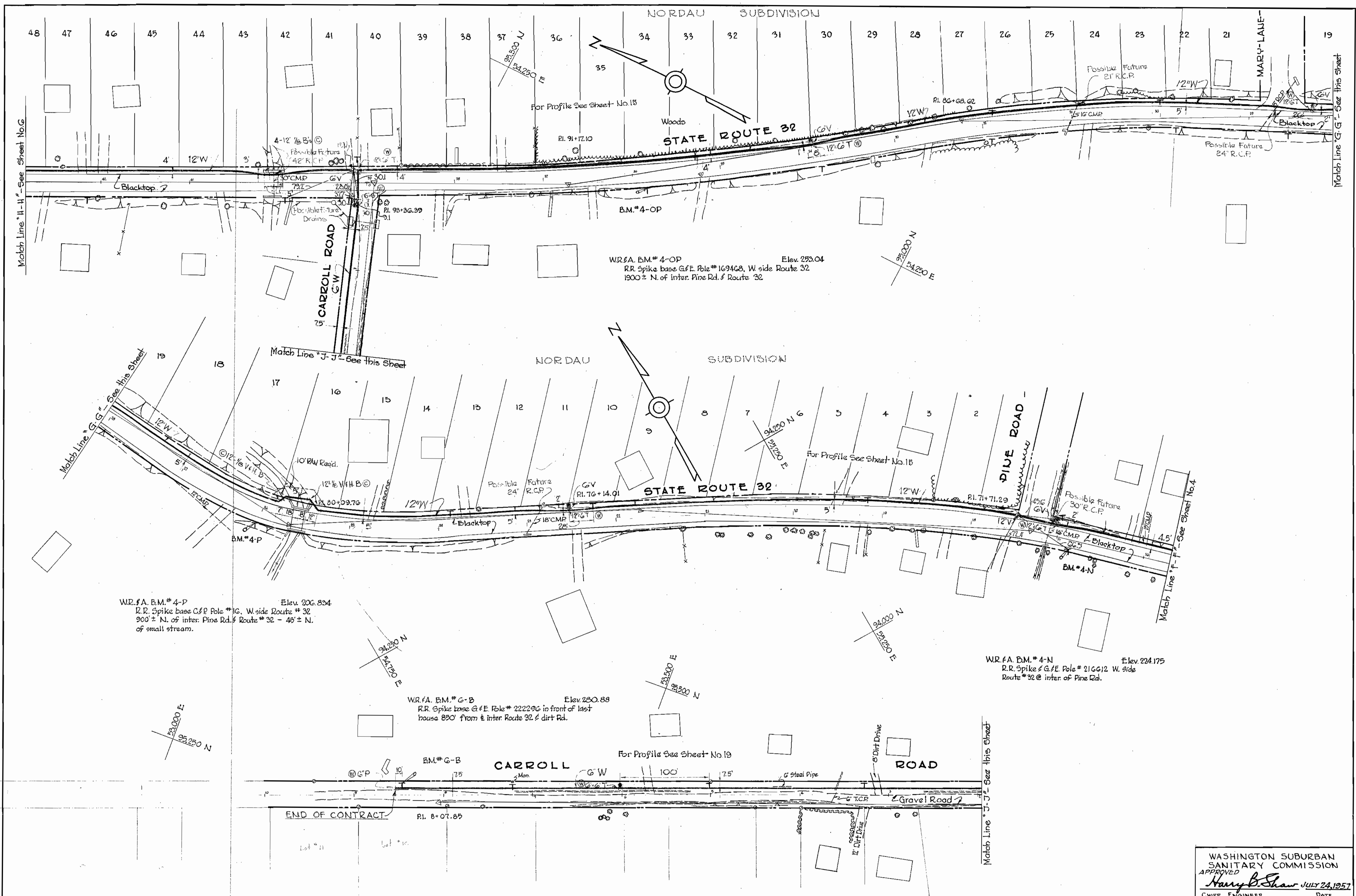
PLAN OF
WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 4 OF 20	SCALE 1"=50'
571037	Y

WS 3W/4

WS 3W/5



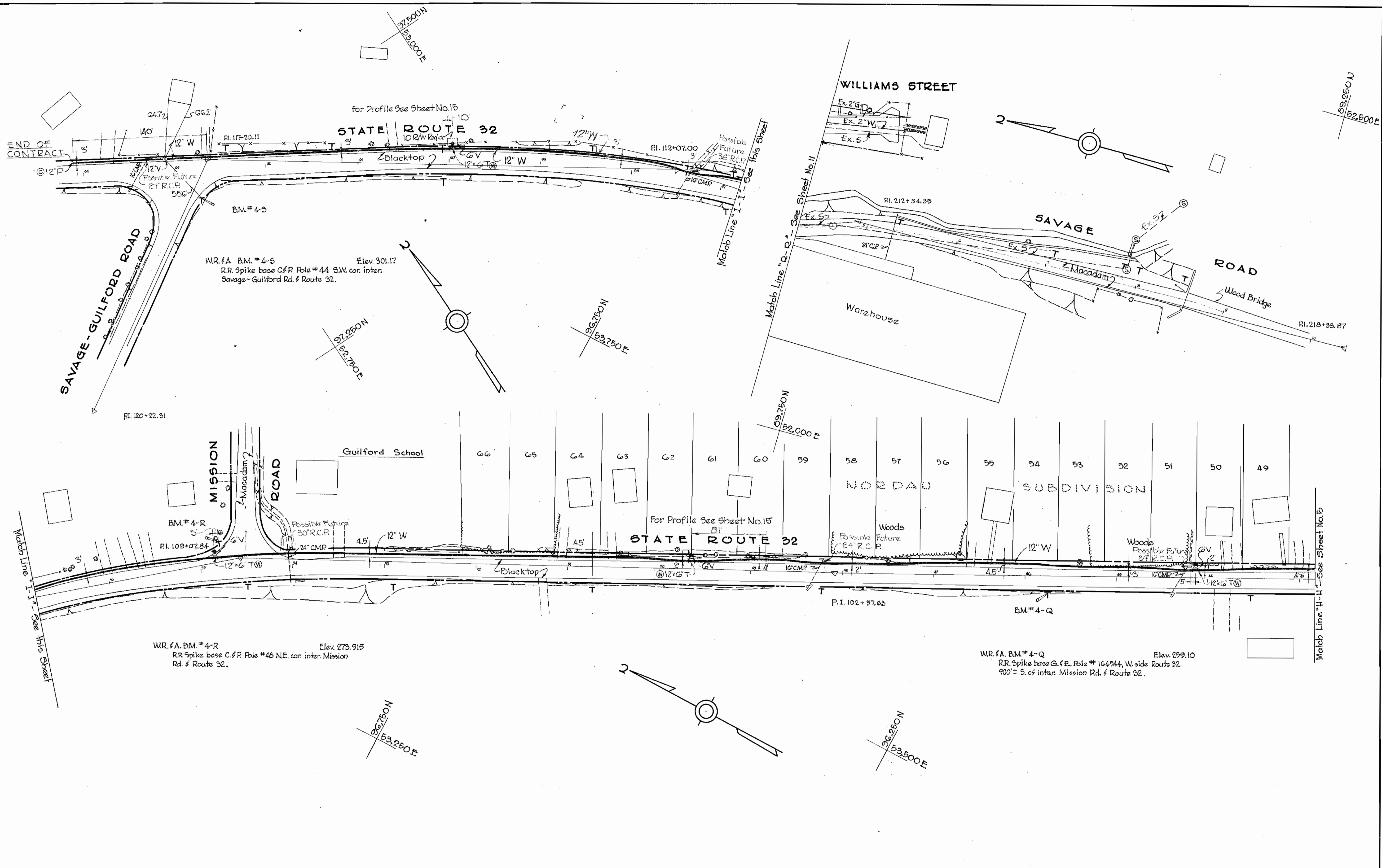
WR. & A. B.M. # 4-P
 R.R. Spike base of E. Pole # 16, W. side Route # 32
 900' ± N. of inter. Pine Rd. & Route # 32 - 45' ± N.
 of small stream.
 Elev. 206.834

WR. & A. B.M. # G-B
 R.R. Spike base of E. Pole # 222296 in front of last
 house 850' from E. inter. Route 32 & dirt Rd.
 Elev. 250.88

WR. & A. B.M. # 4-N
 R.R. Spike & G. & E. Pole # 216612 W. side
 Route # 32 @ inter. of Pine Rd.
 Elev. 224.175

WR. & A. B.M. # 4-OP
 R.R. Spike base of E. Pole # 1694C8, W. side Route 32
 1800' ± N. of inter. Pine Rd. & Route # 32
 Elev. 253.04

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	WASHINGTON SUBURBAN SANITARY COMMISSION APPROVED <i>Harry B. Shaw</i> JULY 24, 1957 CHIEF ENGINEER DATE
				DRAWING NO. 5 OF 20	SCALE 1"=50' 571038 Y 40 NE 7-3 48 NE 8-7 REE-14-12 FEB. 1911-1919



WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Harry B. Shaw JULY 24, 1957
CHIEF ENGINEER DATE

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

HOWARD COUNTY METROPOLITAN COMMISSION
DATE July 26, 1957
Carl W. Meyer
CHAIRMAN

CONTRACT NO. 3W

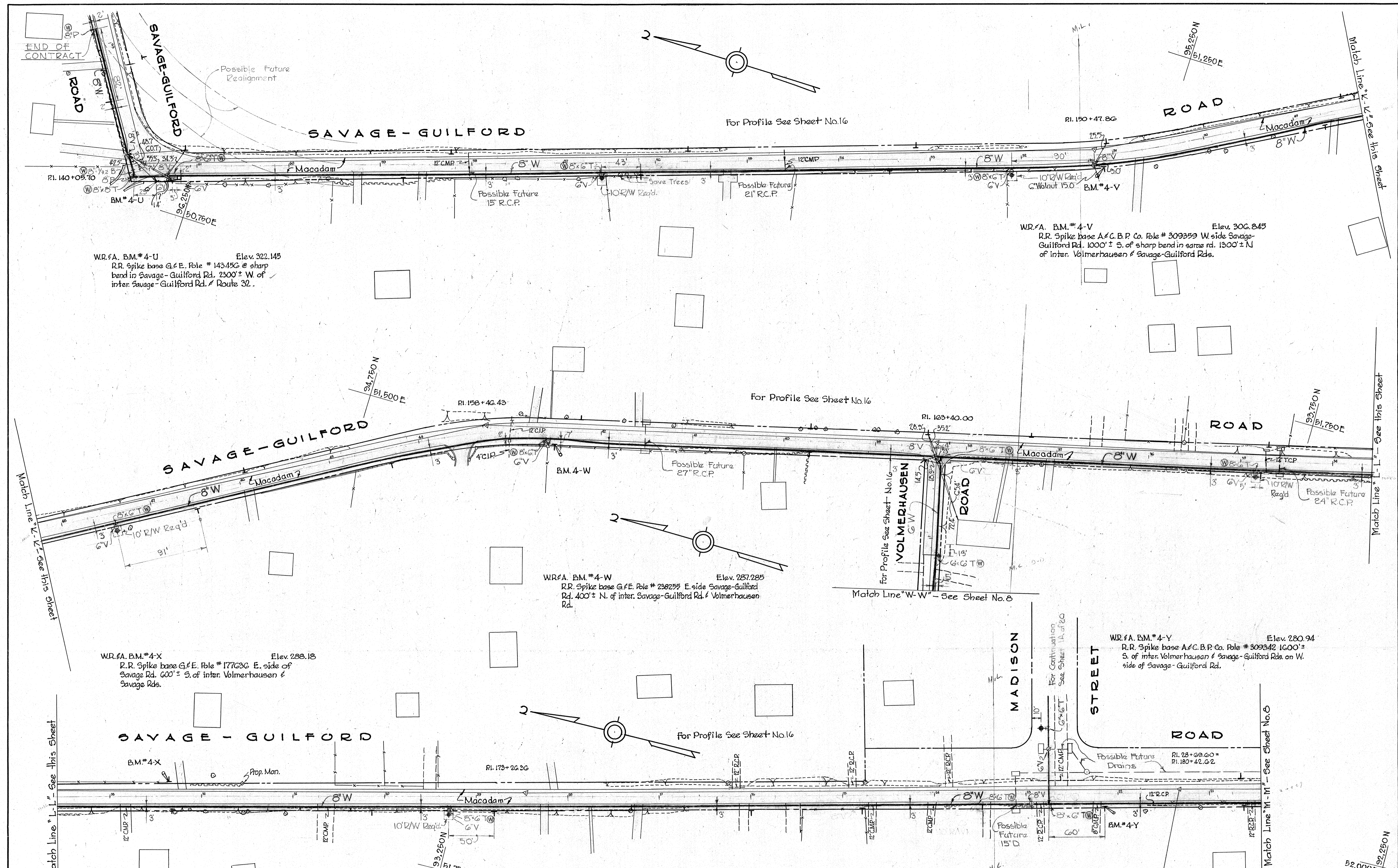
PLAN OF
WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 6 OF 20
SCALE 1"=50'
571030
Y
F.B. 1915, 1932

WS 3W/6

WS 3W/7



WR. & A. B.M.*4-U
 R.R. Spike base G. & E. Pole # 143456 @ sharp bend in Savage-Guilford Rd. 2300' ± W of inter. Savage-Guilford Rd. & Route 32.
 Elev. 322.145

WR. & A. B.M.*4-V
 R.R. Spike base A & C. B. P. Co. Pole # 309359 W. side Savage-Guilford Rd. 1000' ± S. of sharp bend in same rd. 1300' ± N of inter. Volmerhausen & Savage-Guilford Rds.
 Elev. 306.845

WR. & A. B.M.*4-W
 R.R. Spike base G. & E. Pole # 238255 E. side Savage-Guilford Rd. 400' ± N. of inter. Savage-Guilford Rd. & Volmerhausen Rd.
 Elev. 287.285

WR. & A. B.M.*4-X
 R.R. Spike base G. & E. Pole # 177636 E. side of Savage Rd. 600' ± S. of inter. Volmerhausen & Savage Rds.
 Elev. 288.18

WR. & A. B.M.*4-Y
 R.R. Spike base A & C. B. P. Co. Pole # 309342 1600' ± S. of inter. Volmerhausen & Savage-Guilford Rds on W. side of Savage-Guilford Rd.
 Elev. 280.94

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

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

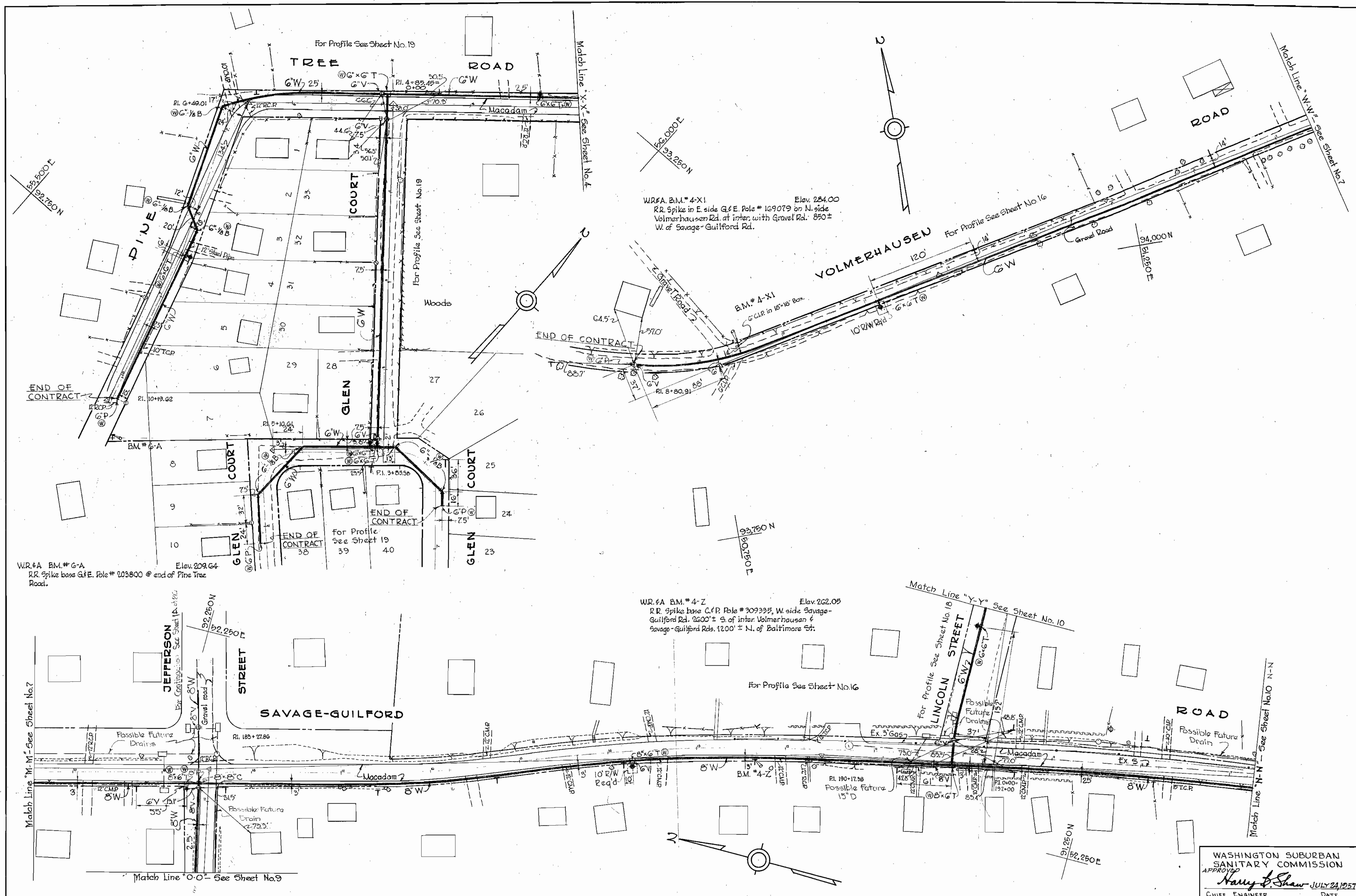
HOWARD COUNTY METROPOLITAN COMMISSION
 July 26, 1957
 DATE
Carl W. Meyer
 CHAIRMAN

CONTRACT NO. 3W

PLAN OF
 WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 7 OF 20
 SCALE 1"=50'
 571040
 Y
 AS BUILT



WR&A B.M.# G-A
 R.R. Spike base G.F.E. Pole # 103800 @ end of Pine Tree Road.
 Elev. 209.64

WR&A B.M.# 4-Z
 R.R. Spike base C.F.P. Pole # 309395, W. side Savage-Guilford Rd. 2200' ± S. of inter. Volmerhausen & Savage-Guilford Rds. 1200' ± N. of Baltimore St.
 Elev. 262.05

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry D. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> DATE CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 8 OF 20 SCALE 1"=50' 571041 AS BUILT
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WS 3W/8



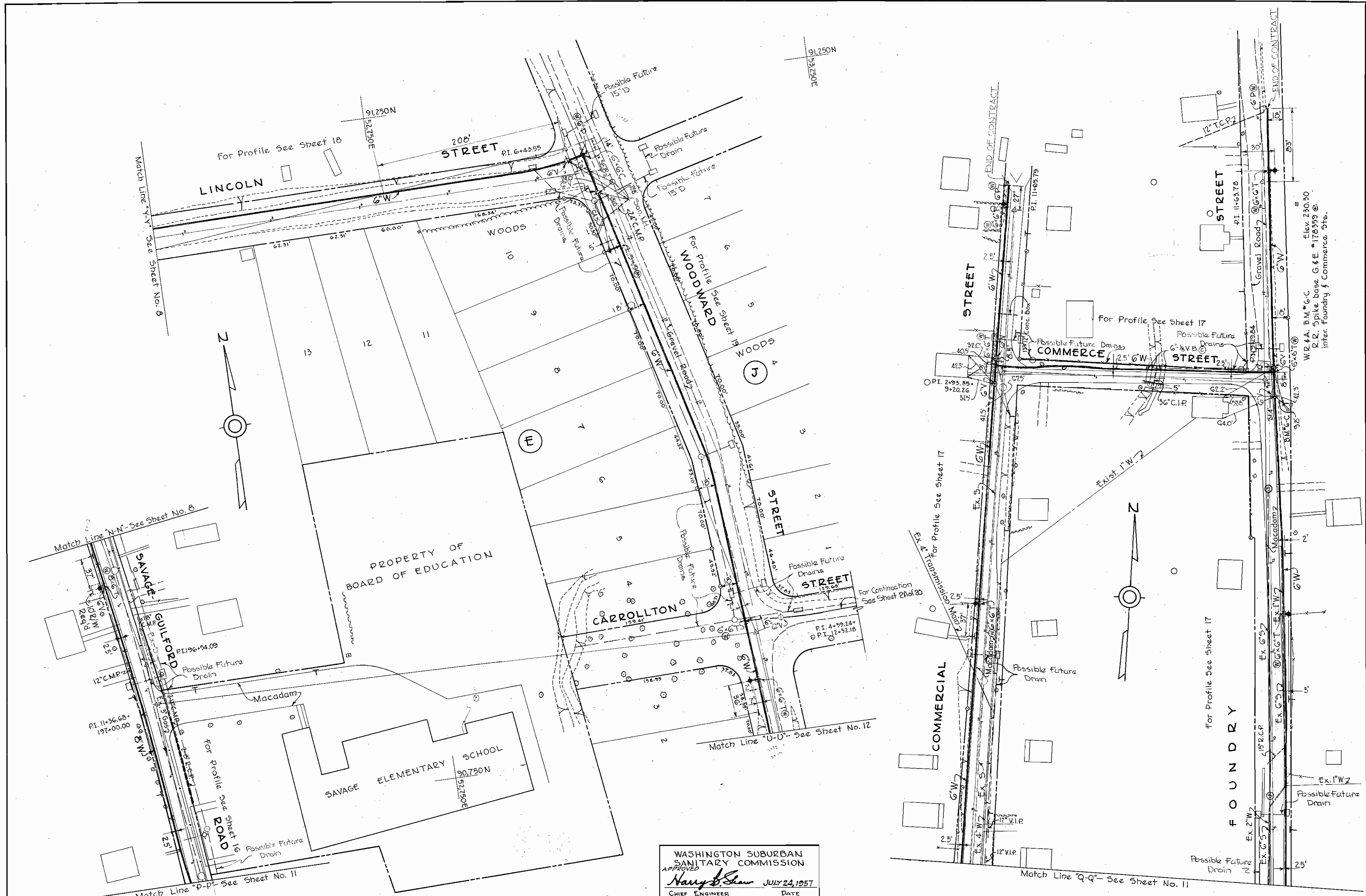
W.R. #A. B.M. "X-7" Elev. 282.772
 Square-headed bolt 12" above ground in G.F.E. Pole
 "241629 at inter. of Windemere Way & Jefferson St. +
 at southwestern most cor. of Windemere Acres.

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry B. Shaw JULY 23, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 9 OF 20 SCALE 1"=50' 571042 Y <small>STANDARD SCALE 1"=50' 47 NO. 17-4 ACNS 15-1 FEB. 1919</small>
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WS 3W/9

WS 3W/10



WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Nancy S. Shaw JULY 24, 1957
CHIEF ENGINEER DATE

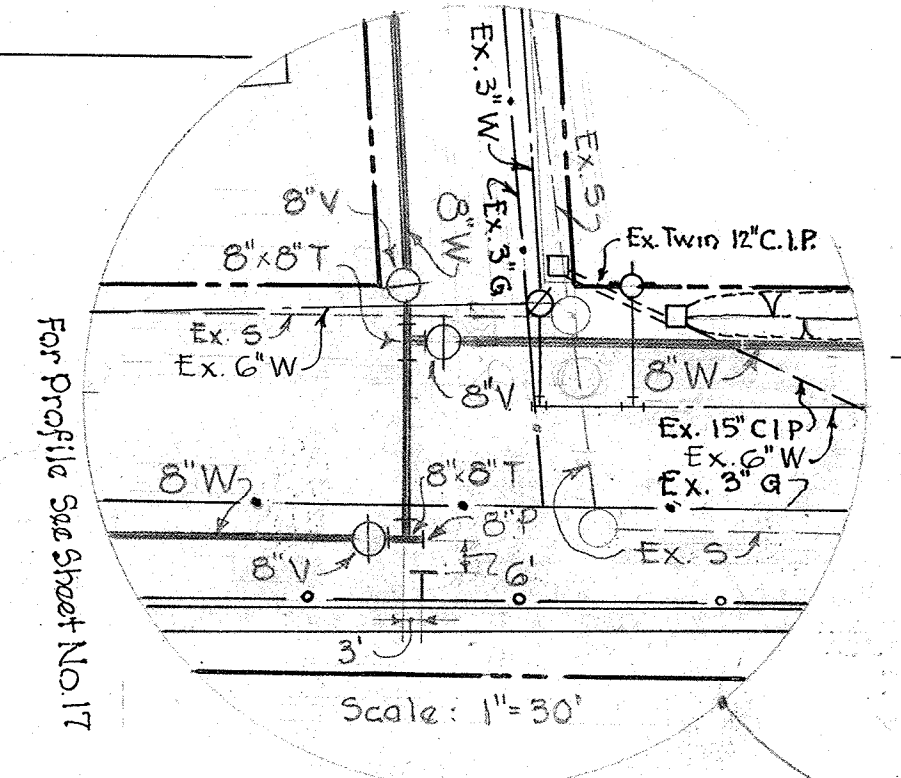
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 10 OF 20 SCALE 1"=50' 571023 1/1 40 NE 18-1, 5, 6 FEB. 1951, 1950
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W.R.F.A. B.M. * X-5 Elev. 242.272
 R.R. Spike in base of pole G+E # 189307 at
 int. Balt. St. and Fair St.

W.R.F.A. B.M. * X-G Elev. 229.974
 Galv. Spike in C.F.P. # 799 at inter. of
 Commercial St. & Washington St.

W.R.F.A. B.M. * 5-A Elev. 209.310
 R.R. Spike base C.F.P. # 789 S. side
 Baltimore St. @ inter. of Savage-Guilford Rd.



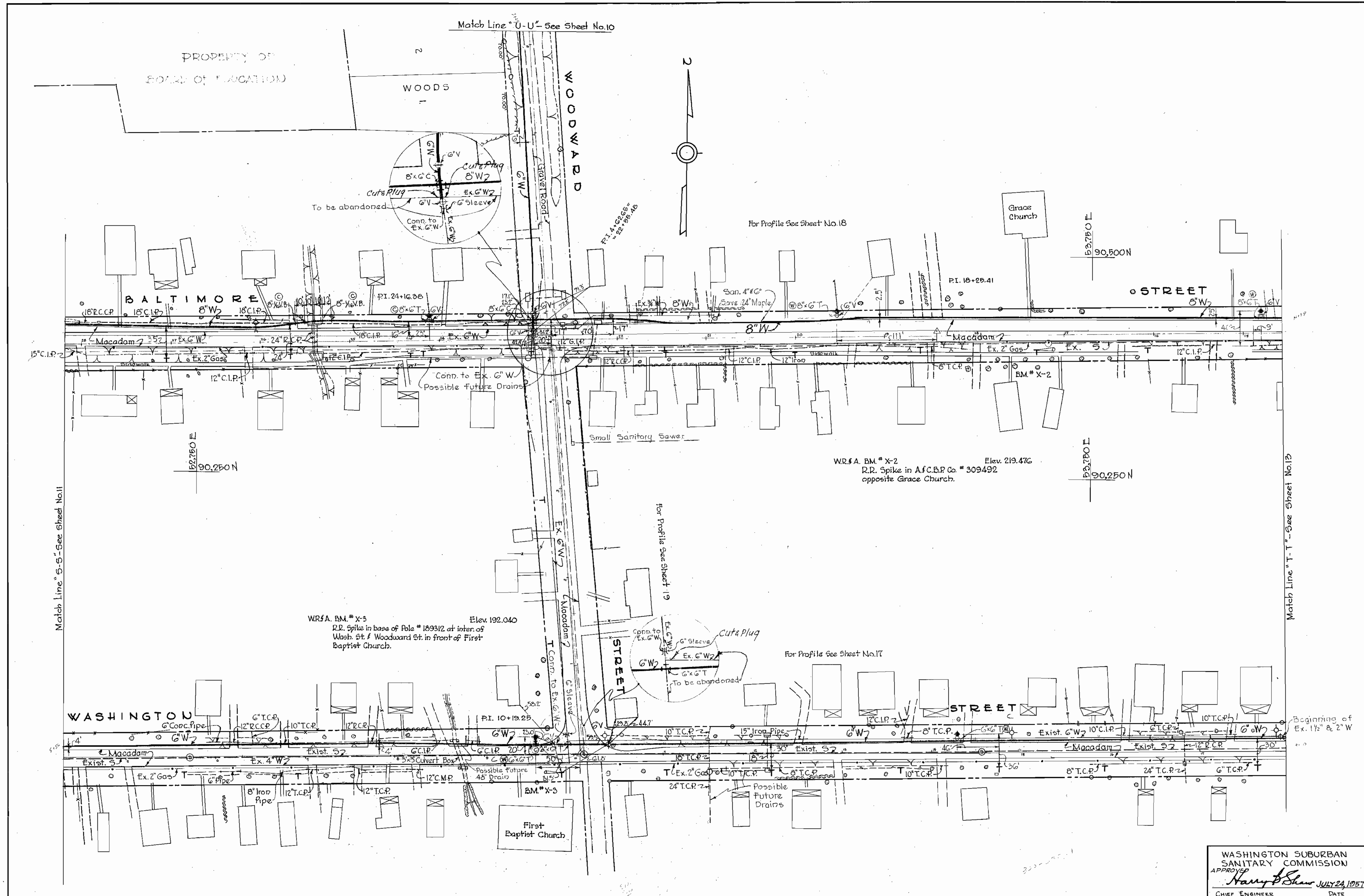
WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Nancy S. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3W	PLAN OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 11 OF 20 SCALE 1"=50' 571044 Y
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4521 AS-BUILT 12-5-58 Relocate F.H. on Commercial St. N. of Balt. St. AS-BUILT

WS 3W/11

WS 3W/12



WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Harry B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

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

HOWARD COUNTY METROPOLITAN COMMISSION
 July 20, 1957
 DATE
Carl W. Meyer
 CHAIRMAN

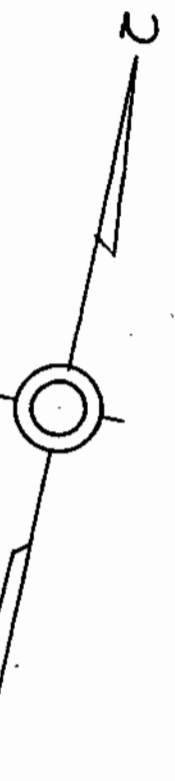
CONTRACT NO. 3W

PLAN OF
 WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 12 OF 20
 SCALE 1"=50'
 571045
 Y
 E.E. 1901, 1923, 1939

WS 3W/13



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

HOWARD COUNTY METROPOLITAN COMMISSION
 July 26, 1957
 DATE
Carl W. Meyer
 CHAIRMAN

CONTRACT NO. 3W

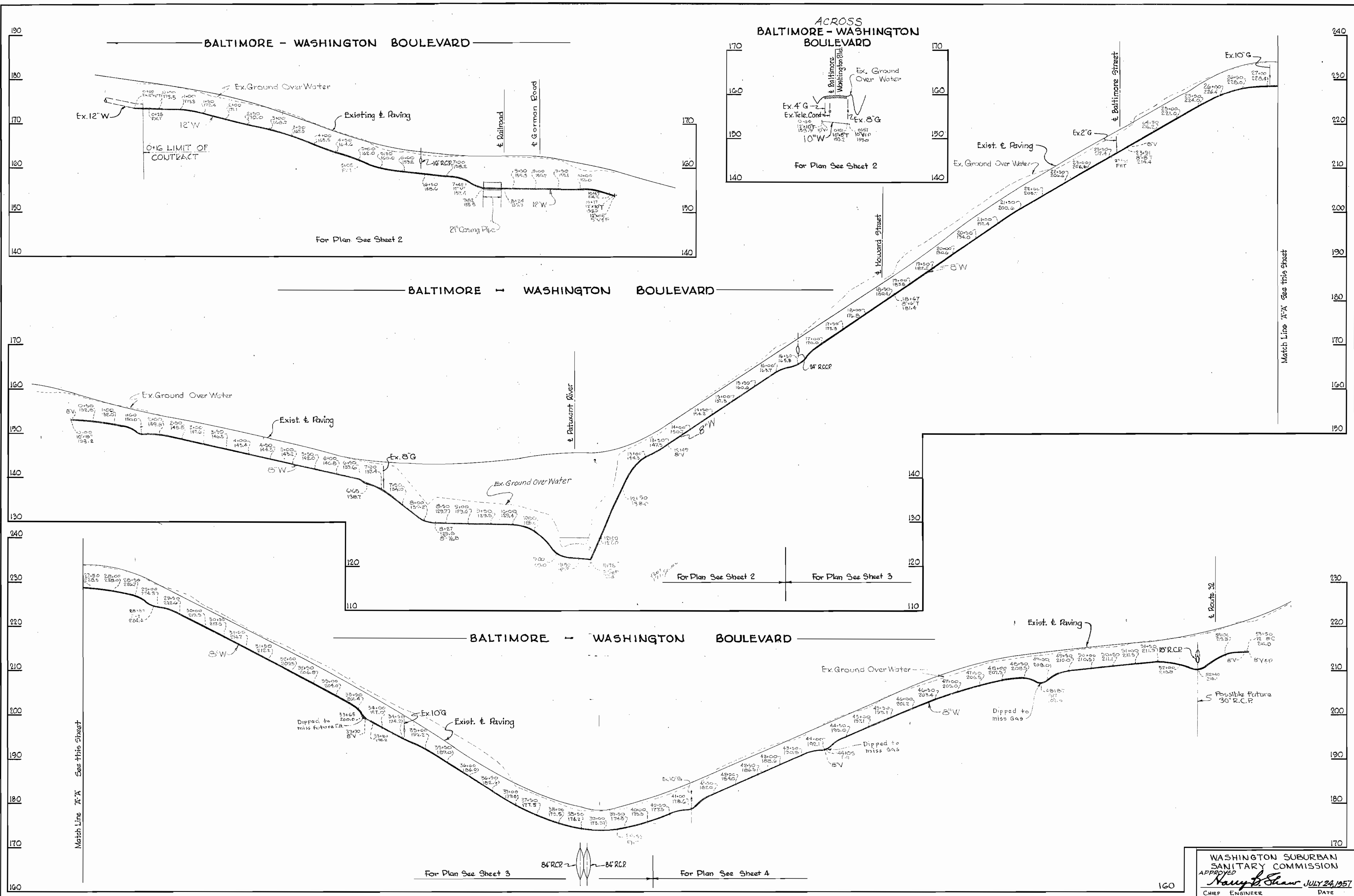
PLAN OF
 WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Nancy B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

DRAWING NO. 13 OF 20	SCALE	571026
	1"=50'	Y

WS 3W/14



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

HOWARD COUNTY METROPOLITAN COMMISSION
 July 26, 1957
 DATE
Carl W. Meyer
 CHAIRMAN

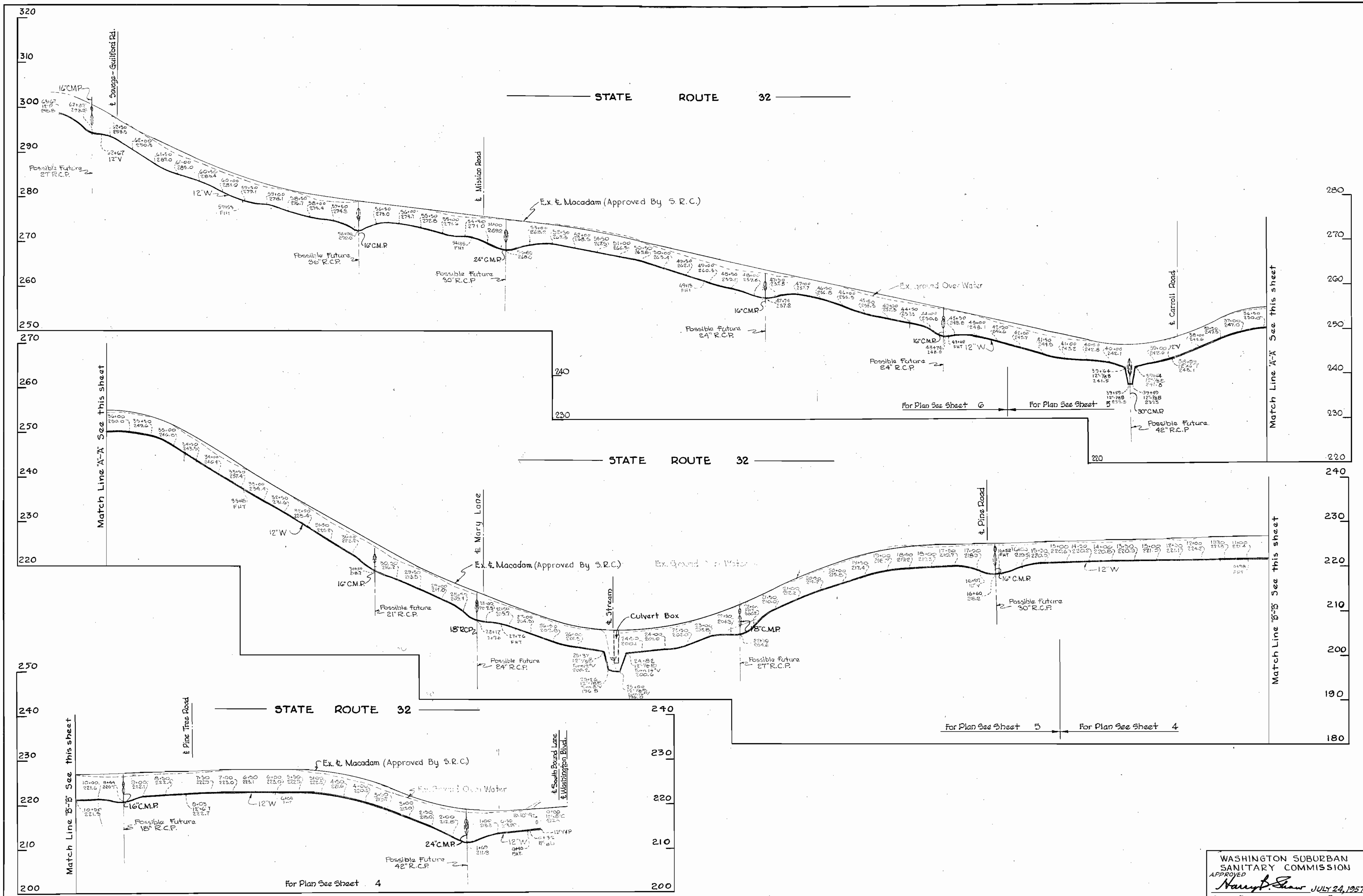
CONTRACT NO. 3 W

PROFILES OF
 WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Nancy B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

DRAWING NO. 14 OF 20
 SCALE H-1"=100' V-1"=10'
 571047
 7



WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Harry P. Shaw JULY 24, 1957
CHIEF ENGINEER DATE

DRAWING NO. 15 OF 20
SCALE H-1"=100 V-1"=10'
571028

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

HOWARD COUNTY METROPOLITAN COMMISSION
July 26, 1957
Carl W. Meyer
CHAIRMAN

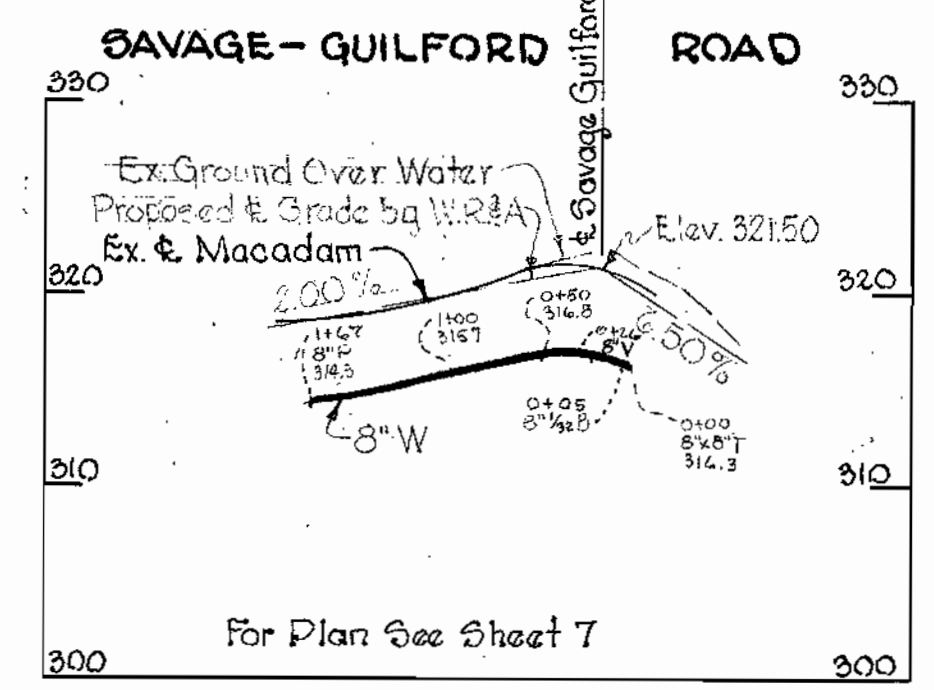
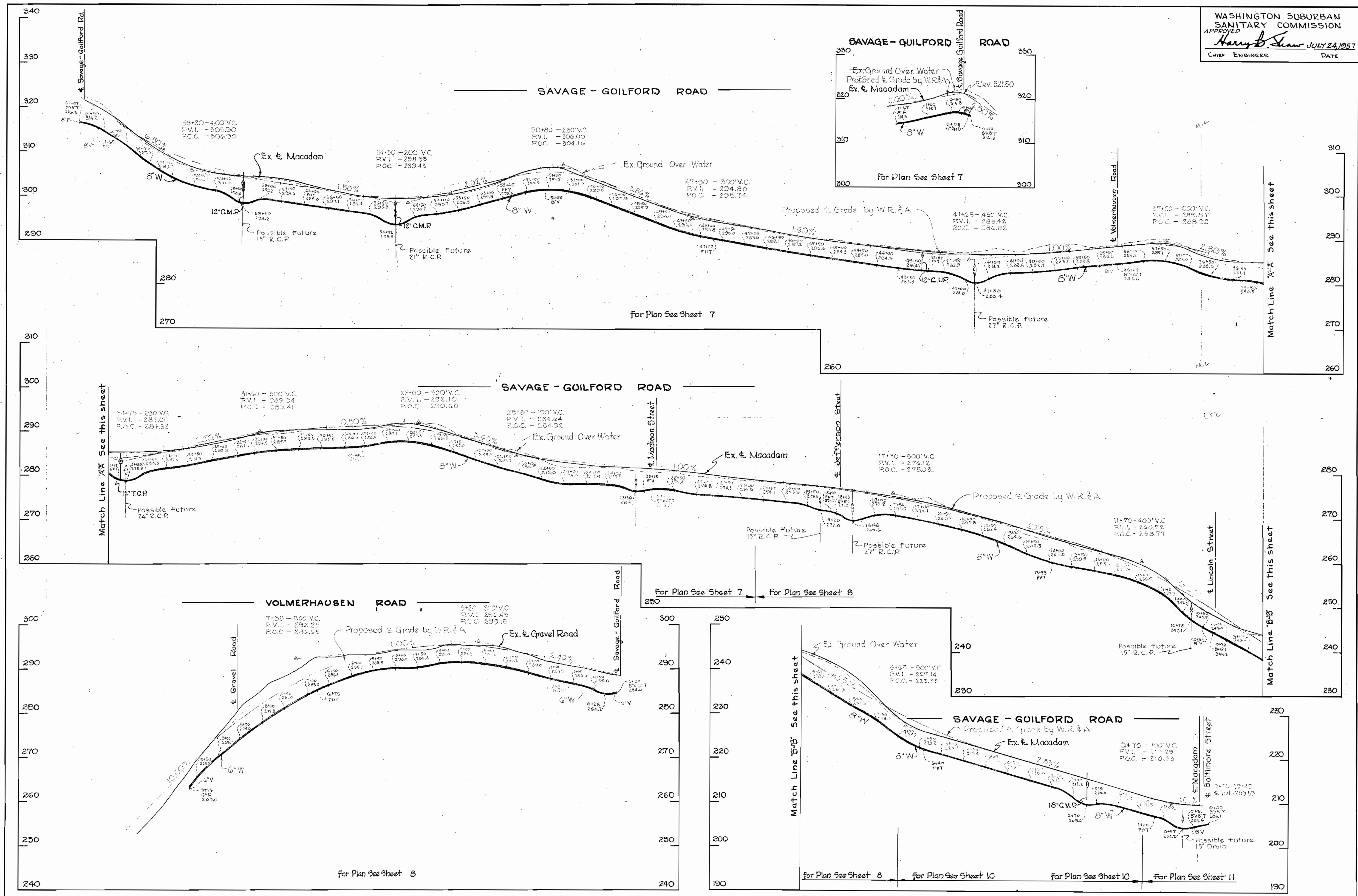
CONTRACT NO. 3 W

PROFILES OF
WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

WS 3W/15

WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Harry B. Shaw JULY 24, 1957
CHIEF ENGINEER DATE



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

HOWARD COUNTY METROPOLITAN COMMISSION
July 26, 1957
DATE
Carl W. Meyer
CHAIRMAN

CONTRACT NO. 3 W

PROFILES OF
WATER MAIN EXTENSIONS

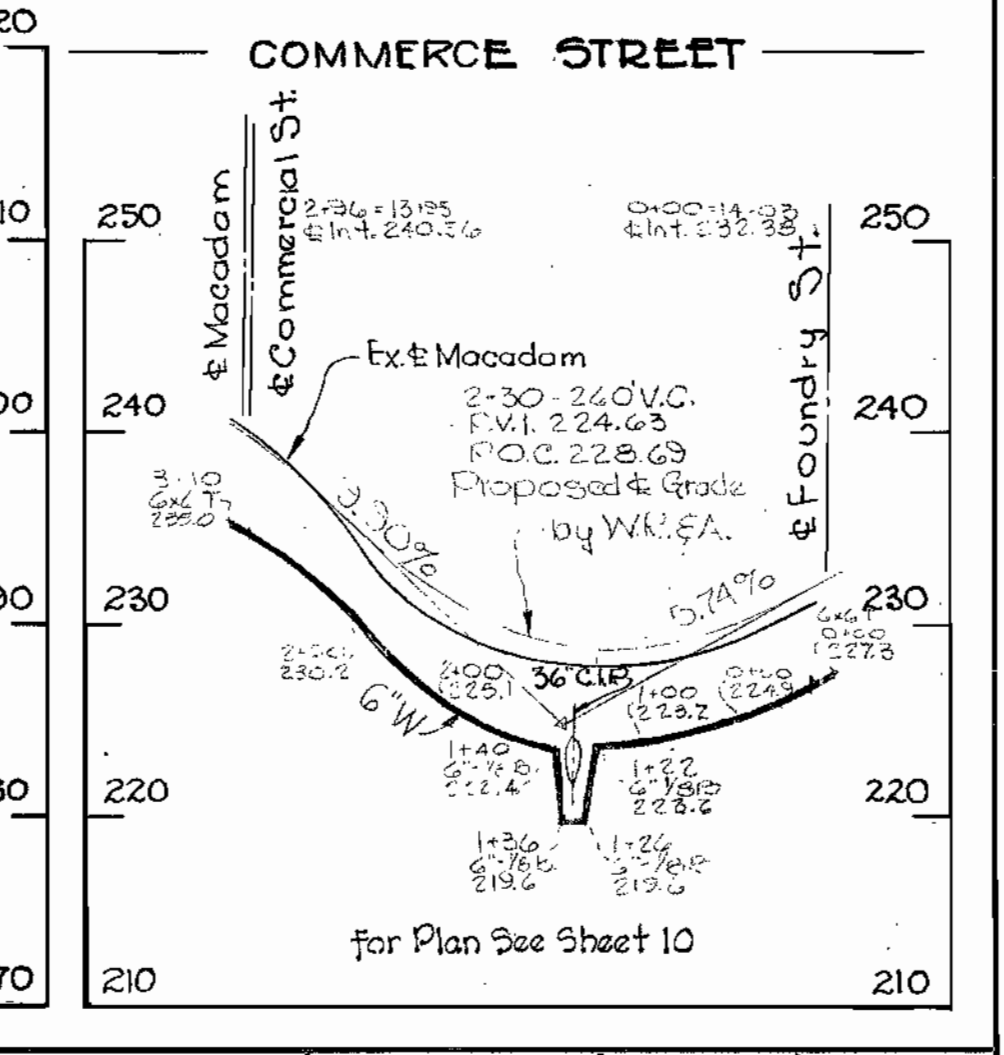
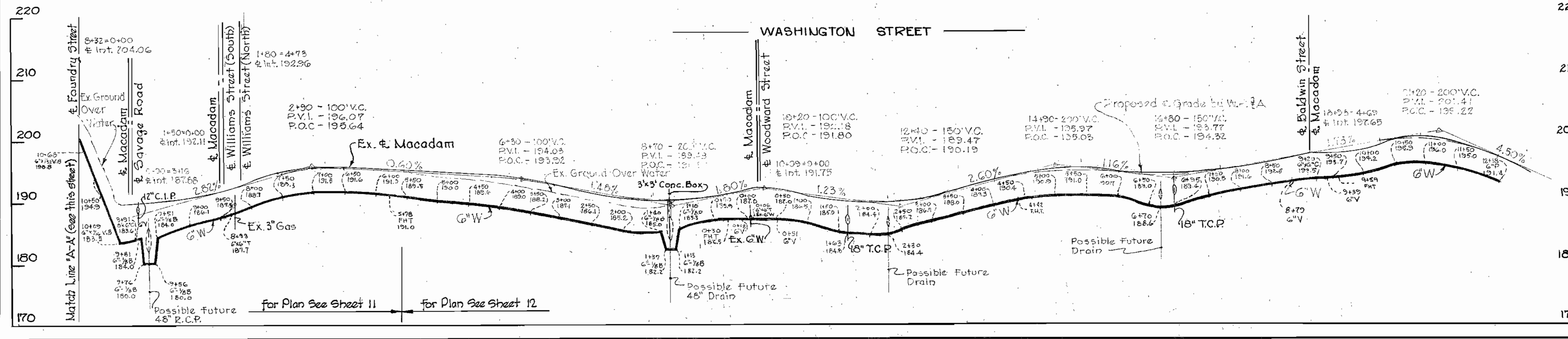
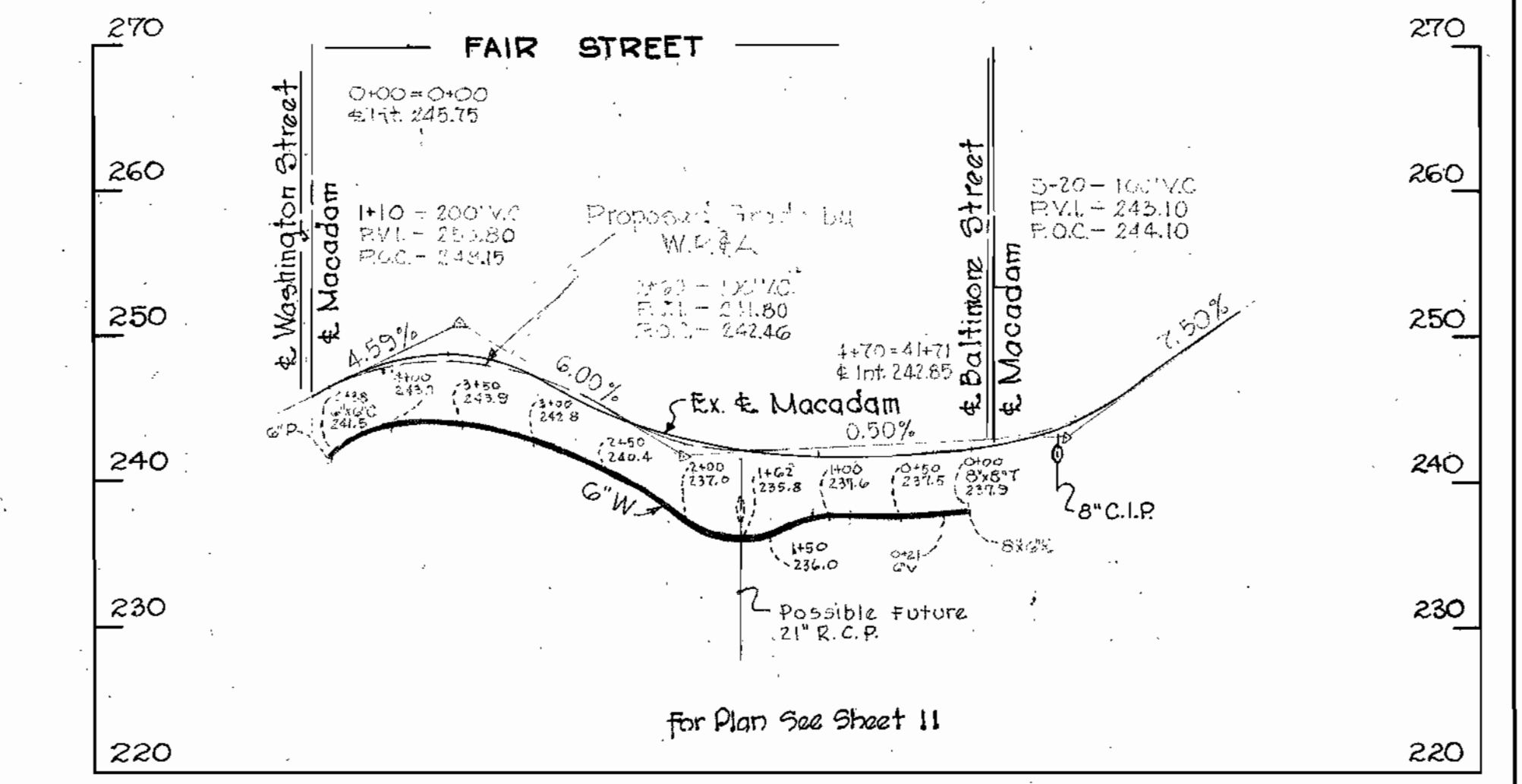
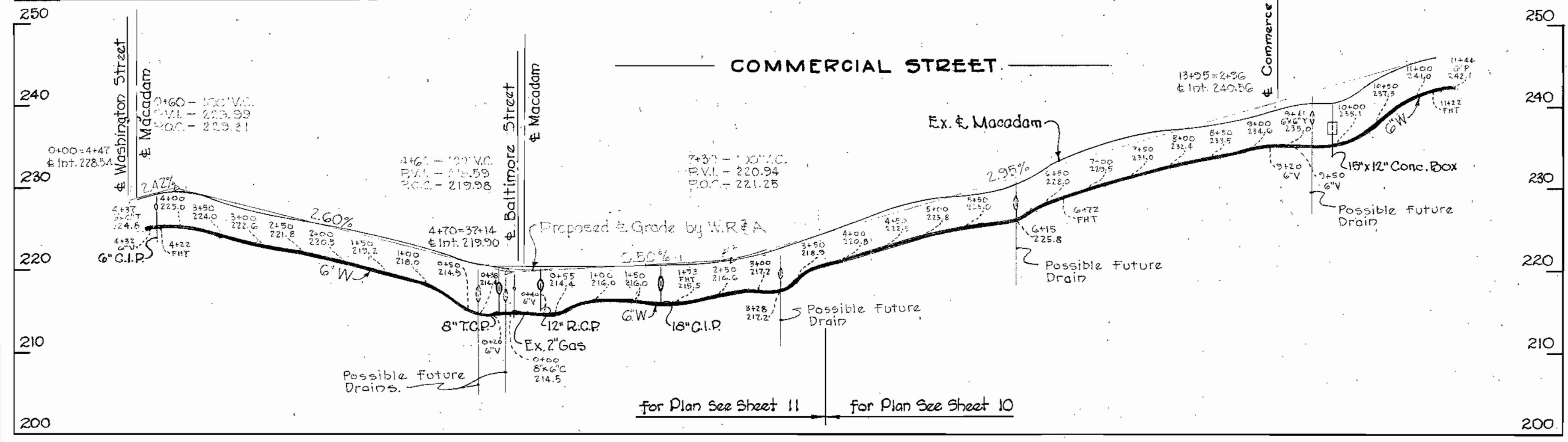
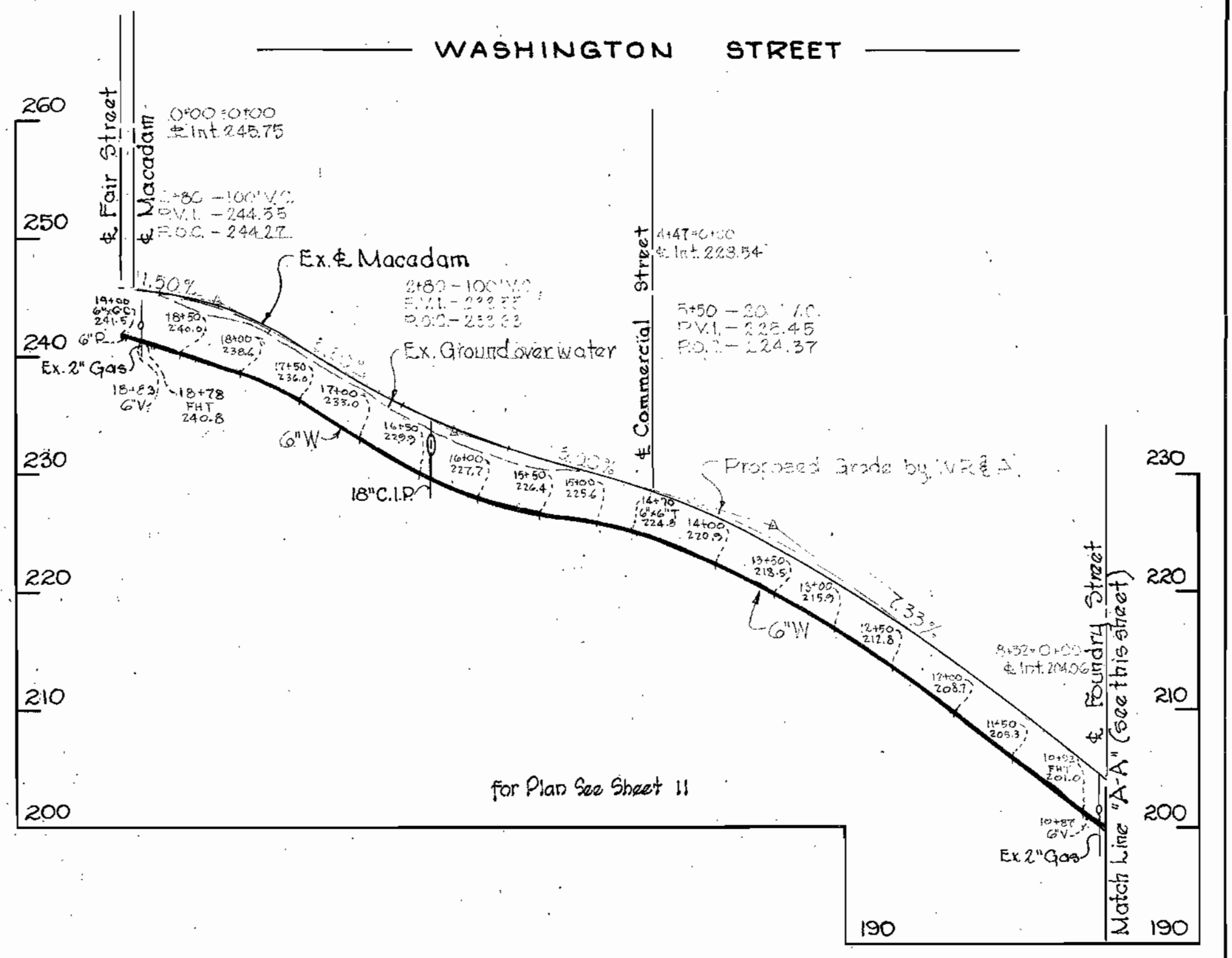
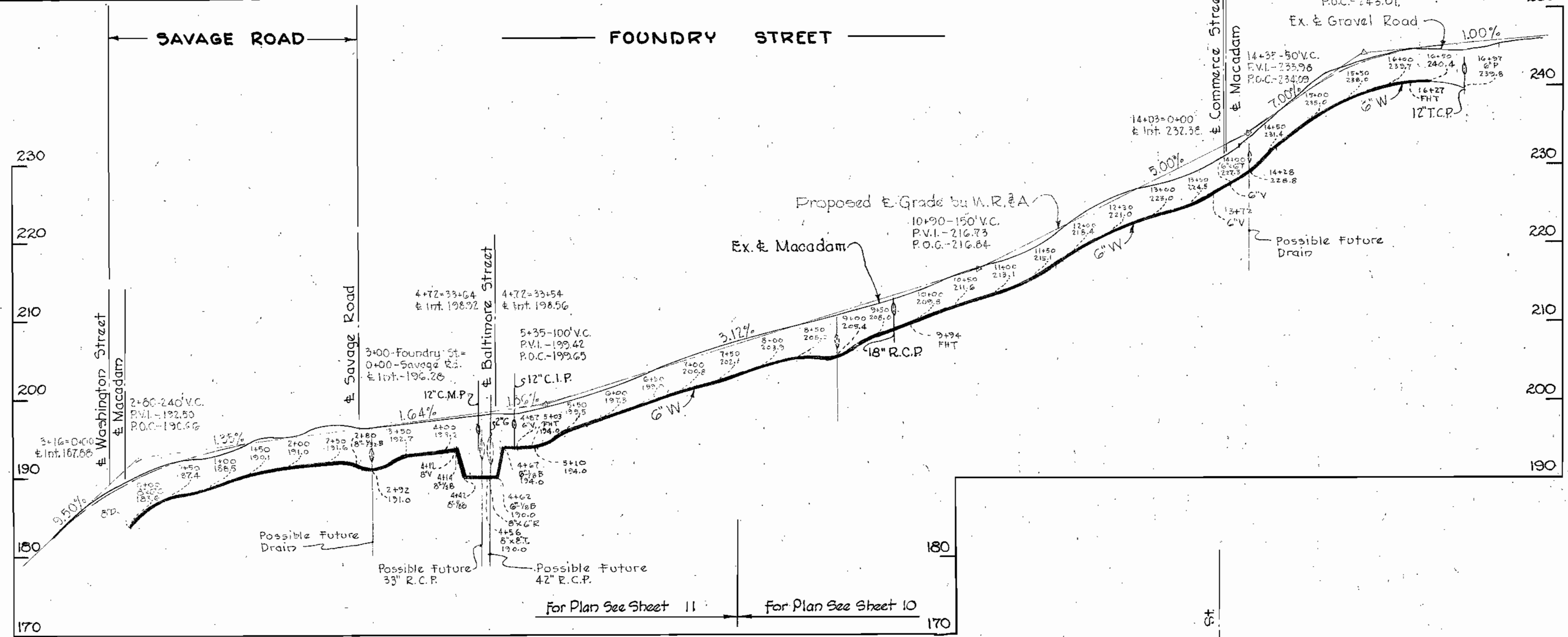
PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 16 OF 20
SCALE H-1"=100' V-1"=10'

WS 3W/16

Signature

WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
Harry B. Shaw JULY 24, 1957
CHIEF ENGINEER DATE



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

HOWARD COUNTY METROPOLITAN COMMISSION
July 26, 1957
DATE
Carl W. Meyer
CHAIRMAN

CONTRACT NO. 3 W

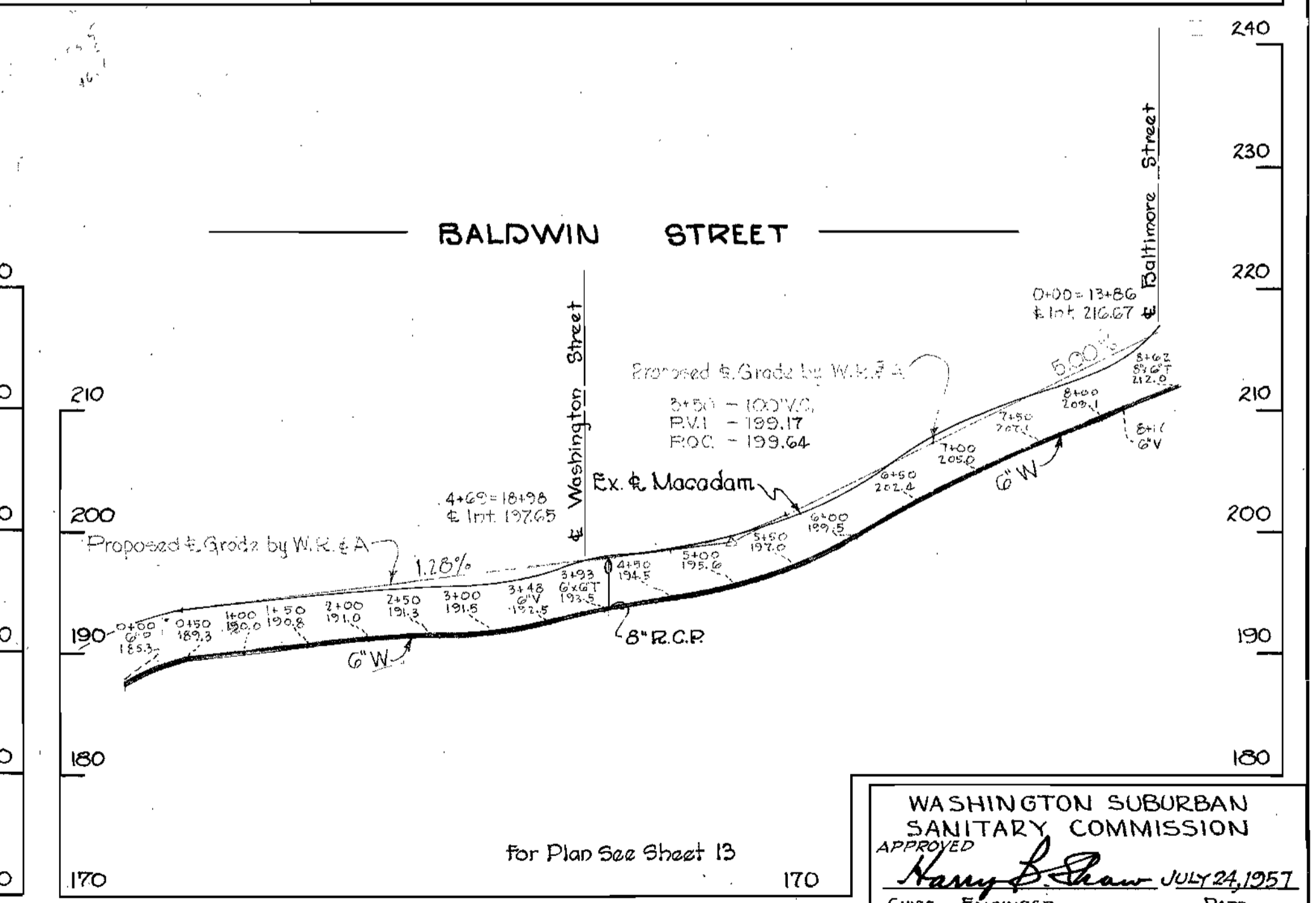
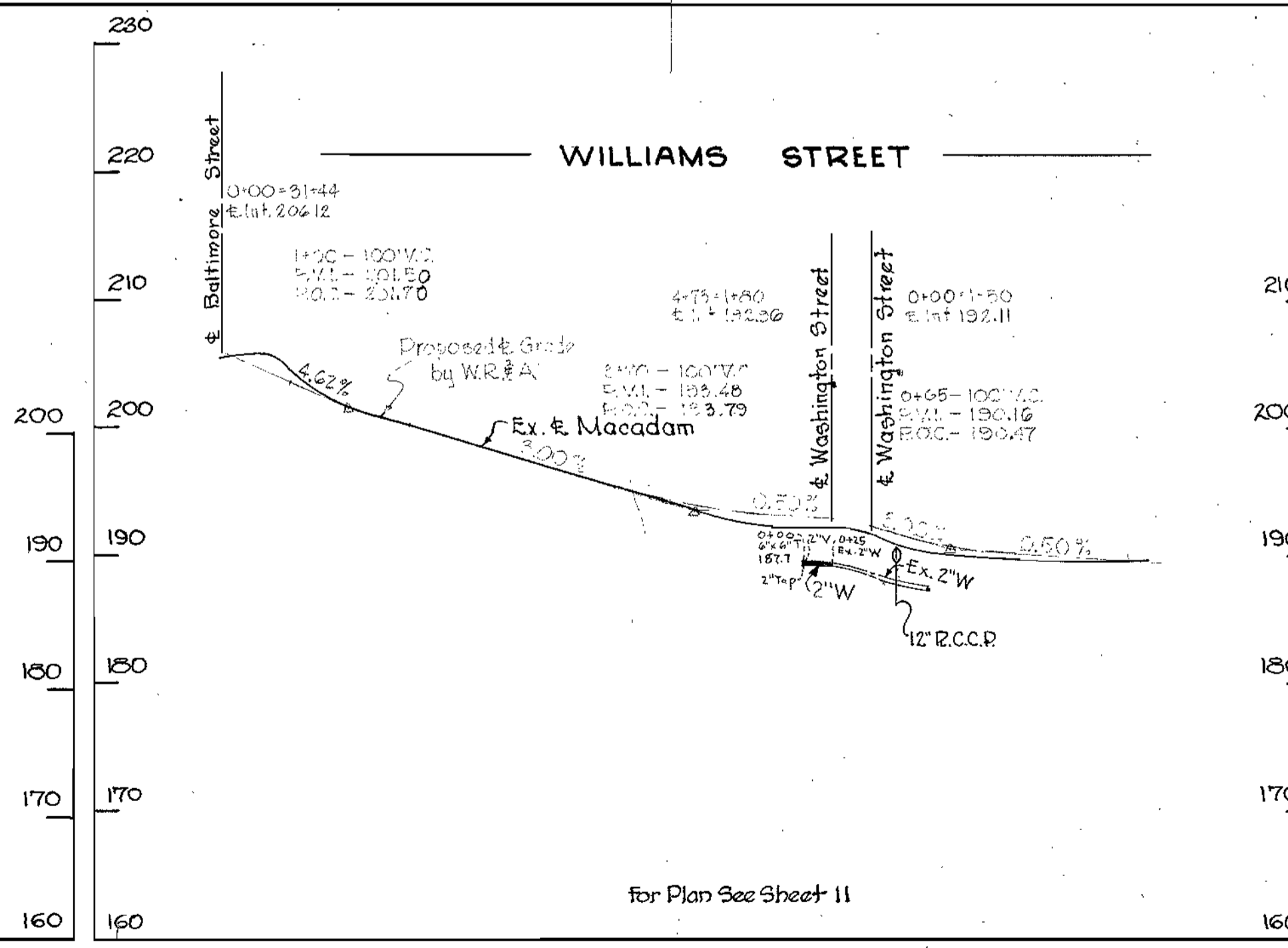
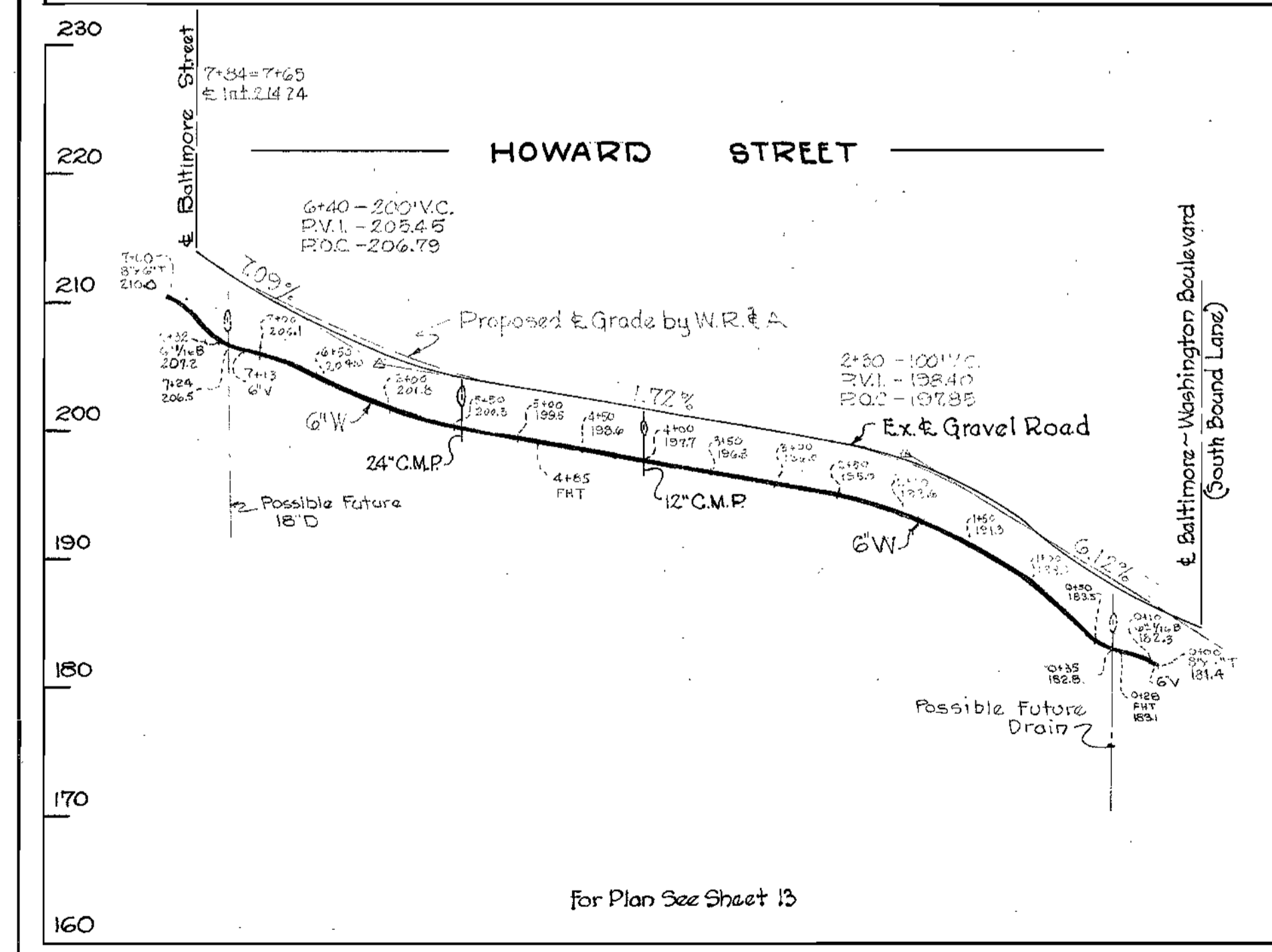
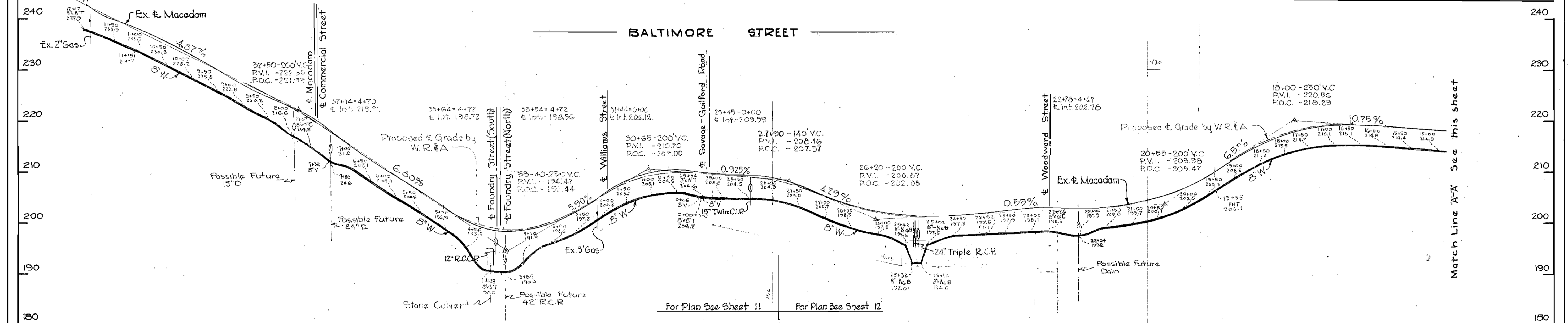
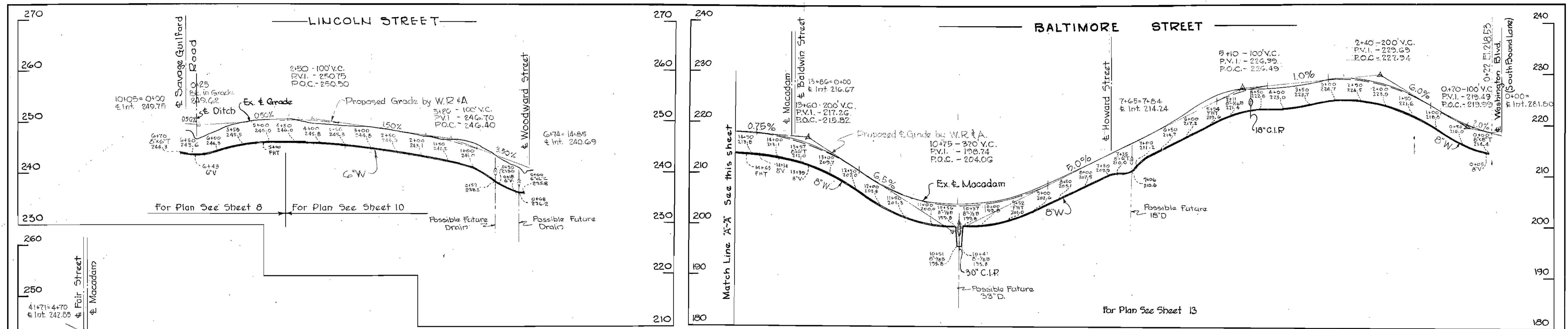
PROFILES OF
WATER MAIN EXTENSIONS

PATUXENT SUB-DISTRICT NO. 2

DRAWING NO. 17 OF 20
SCALE H"=100' V"=10'
571050
Y

WS 3W/17

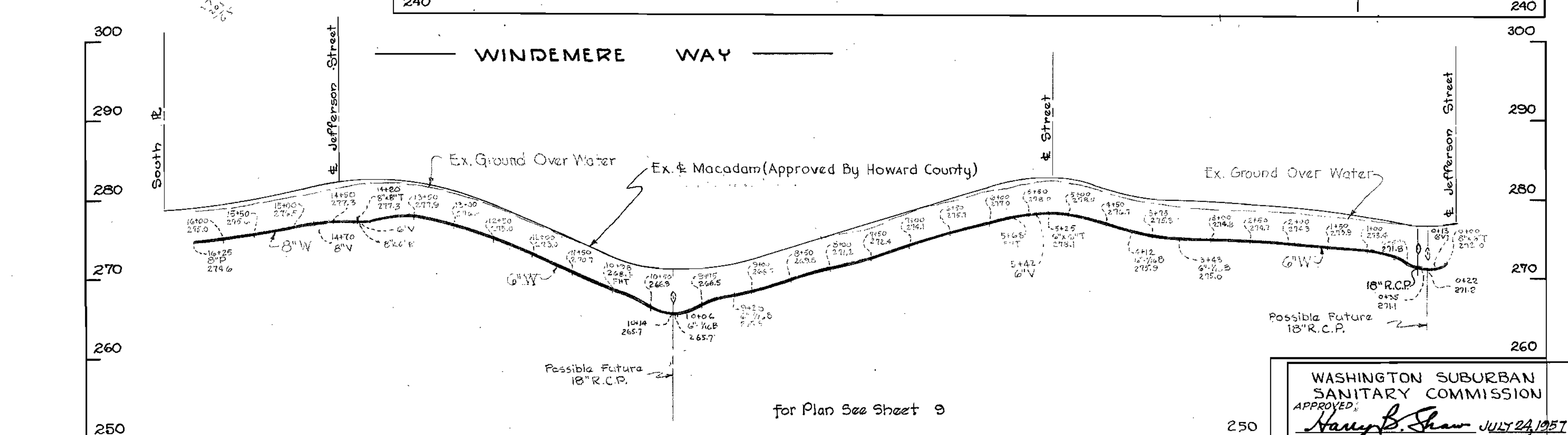
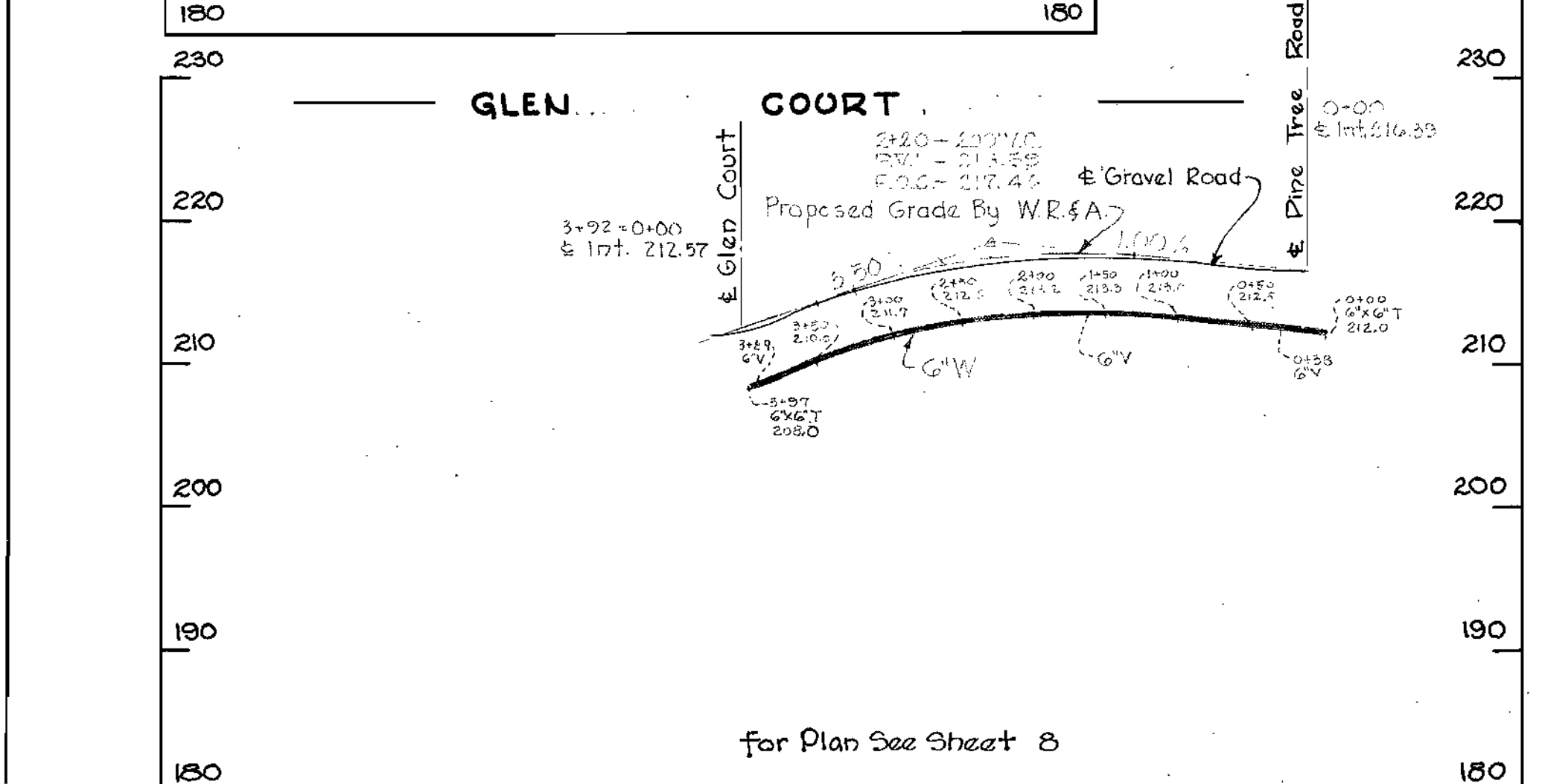
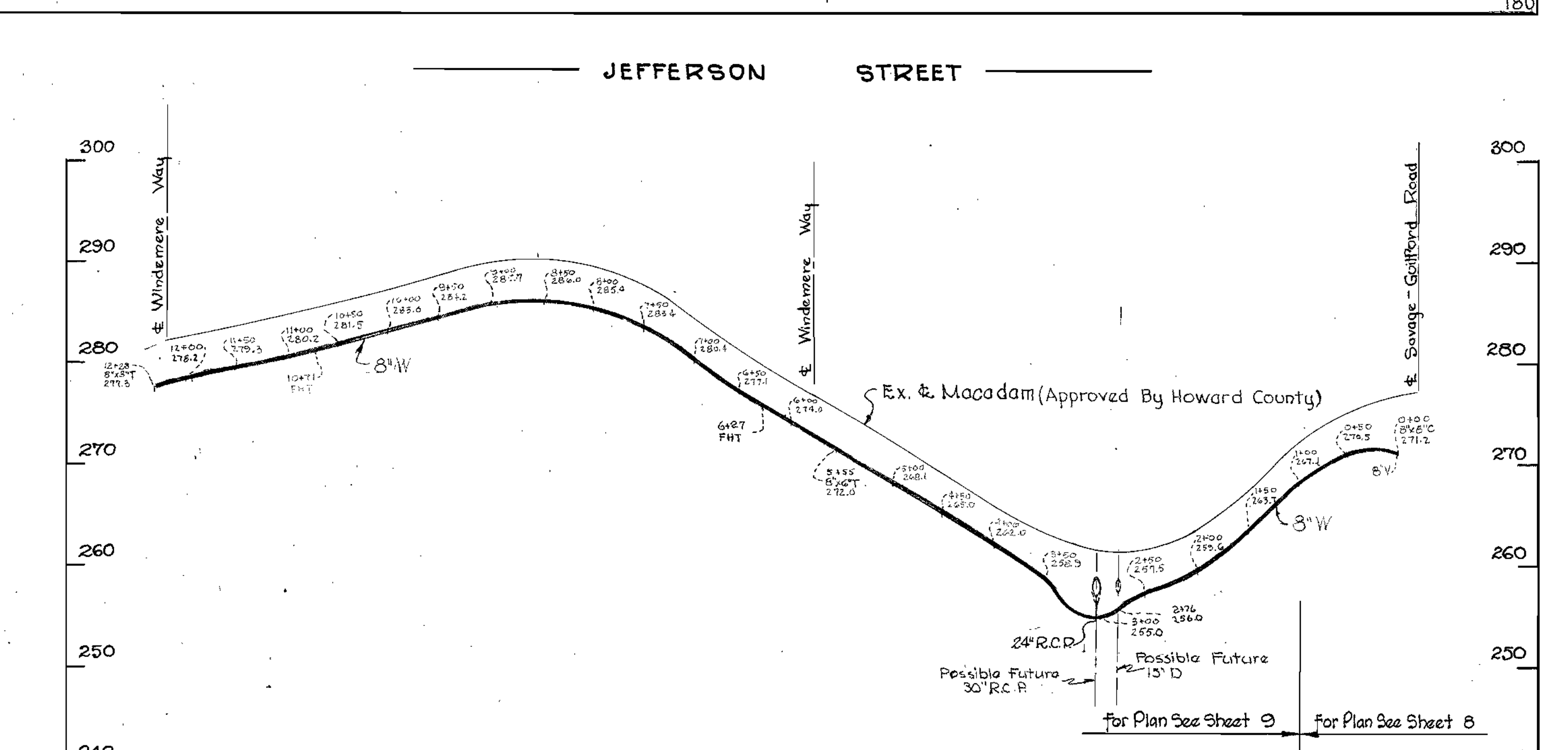
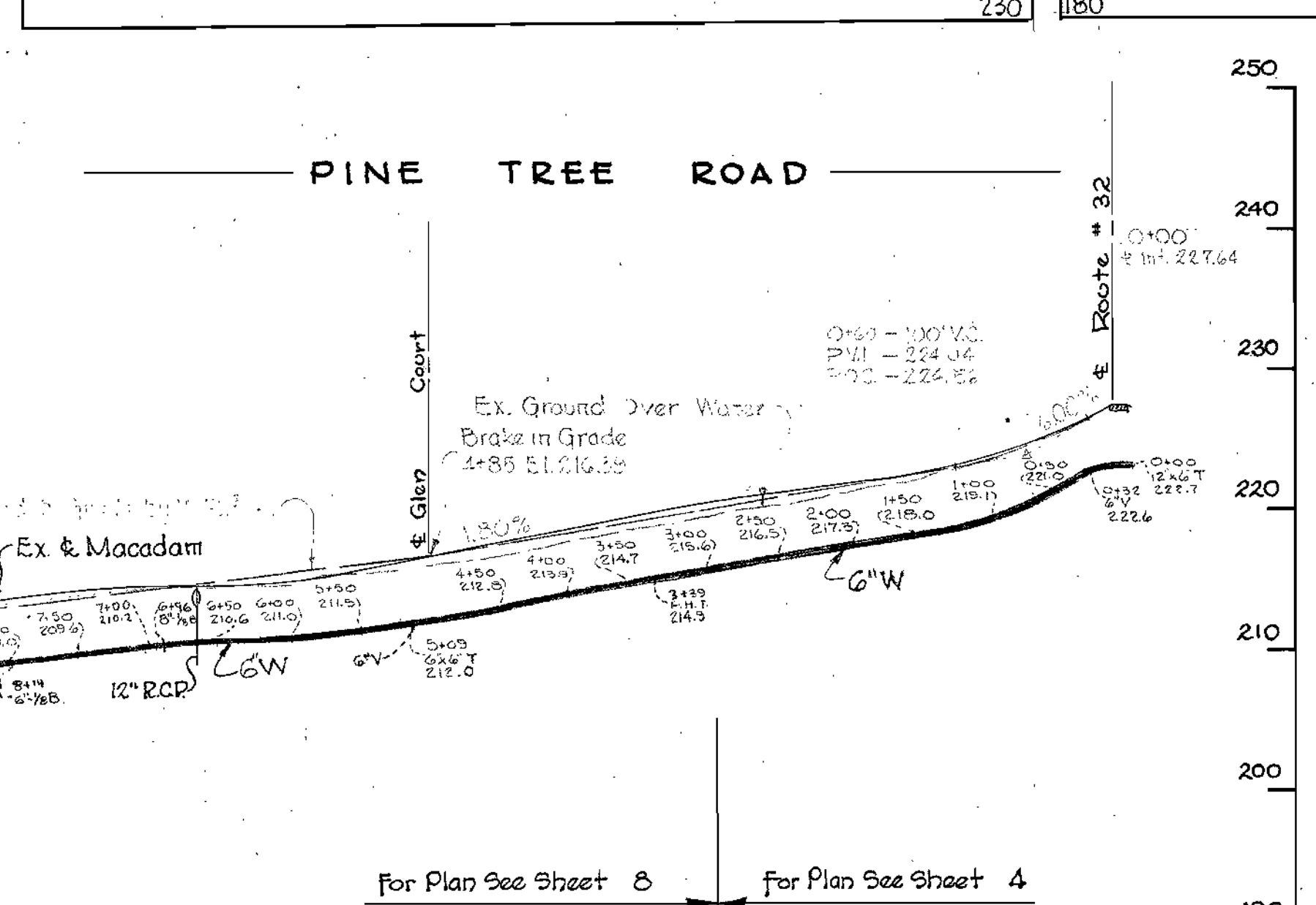
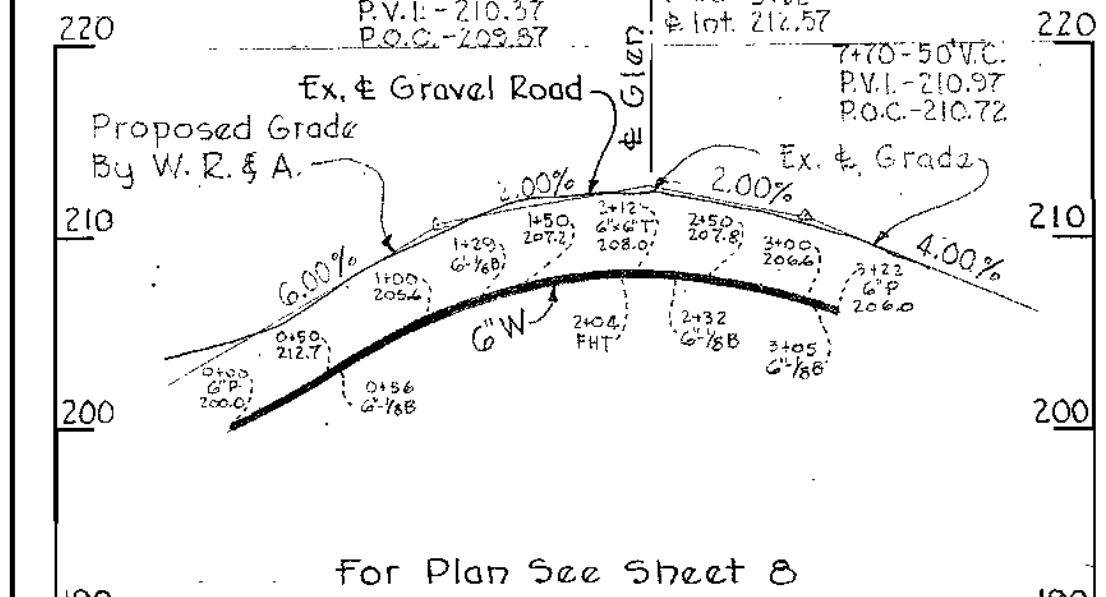
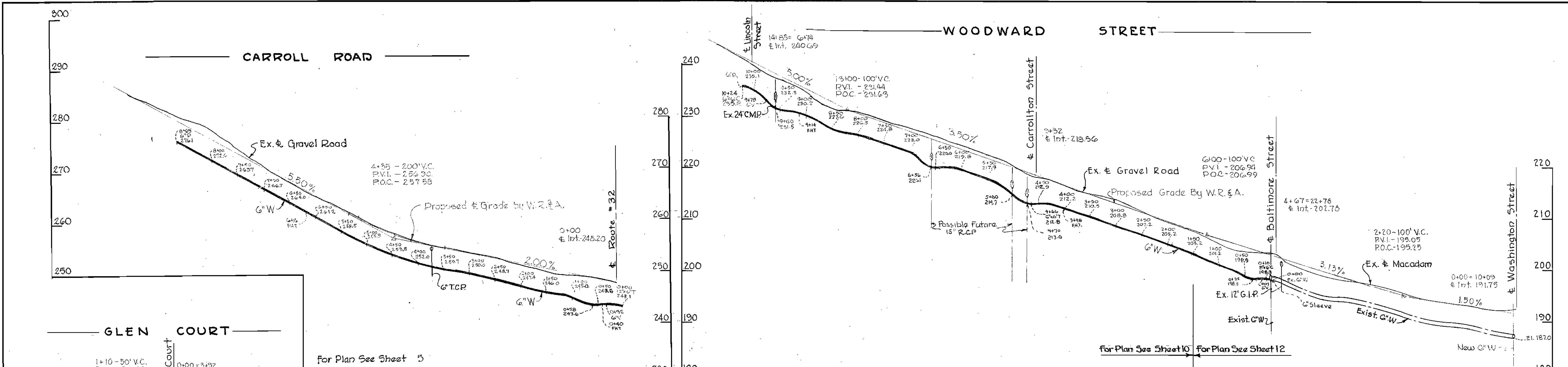
Signature block upper left



WASHINGTON SUBURBAN
 SANITARY COMMISSION
 APPROVED
Nancy P. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

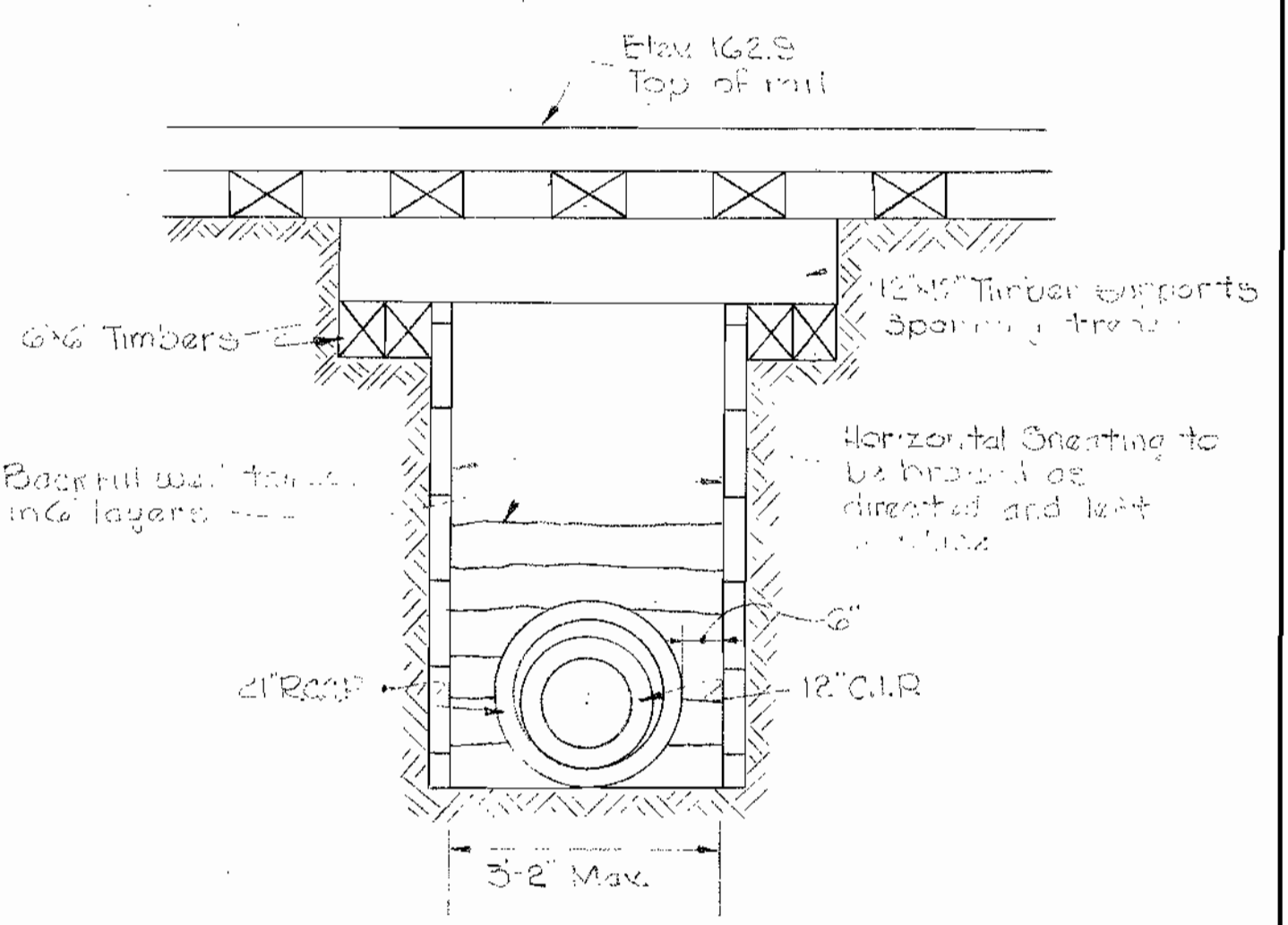
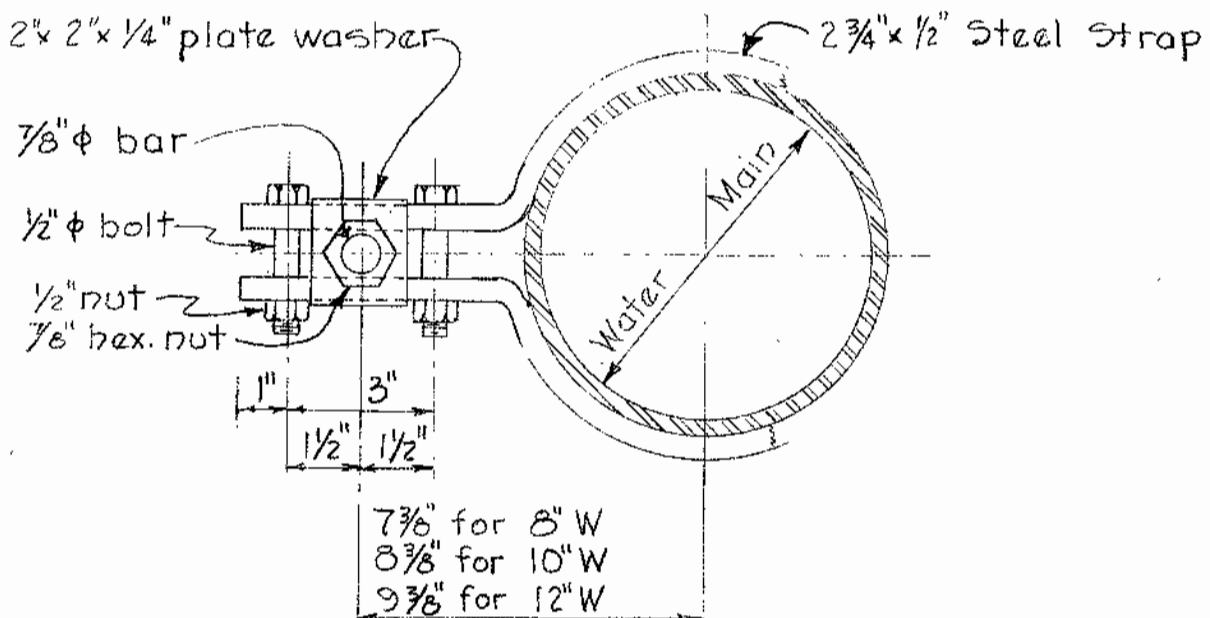
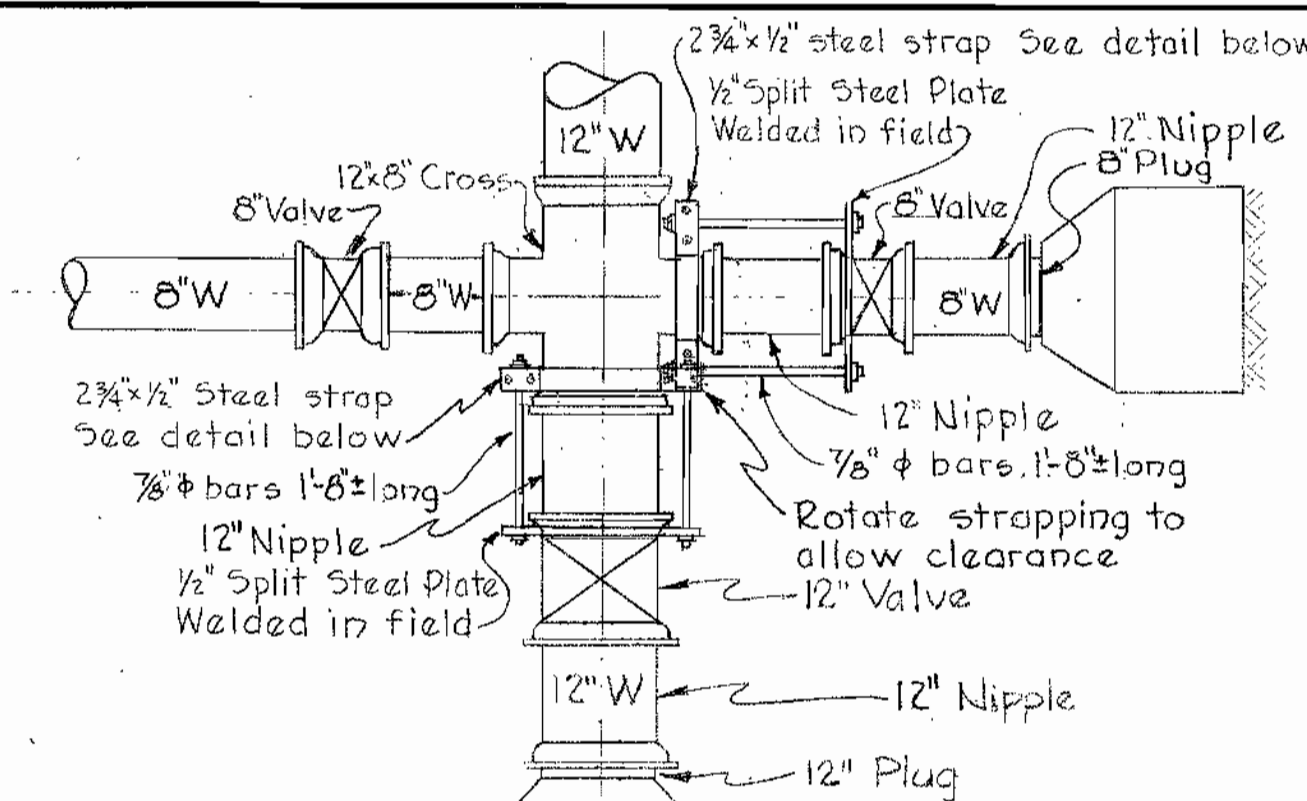
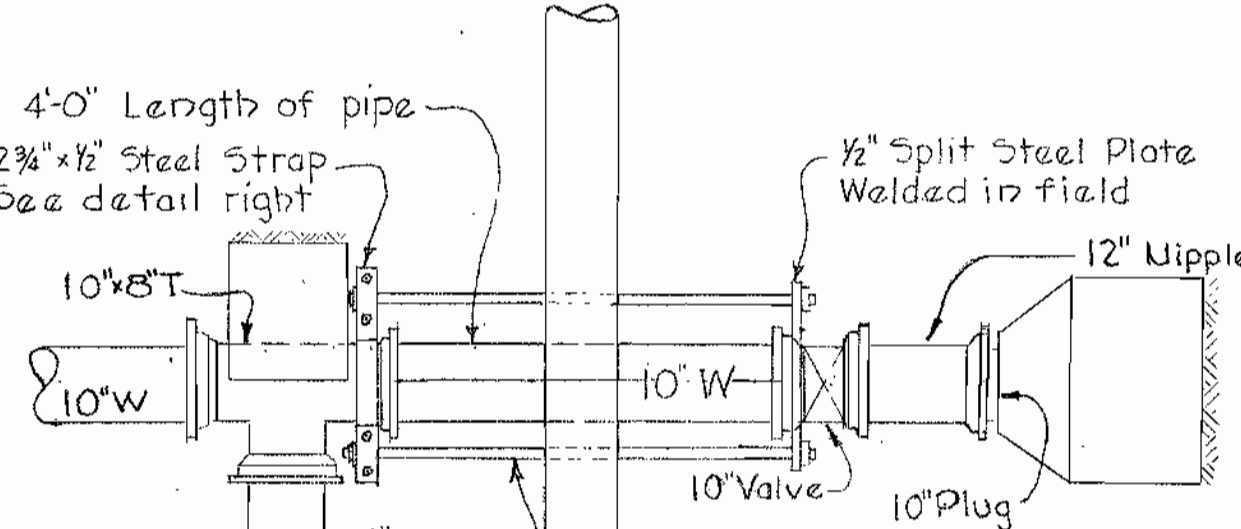
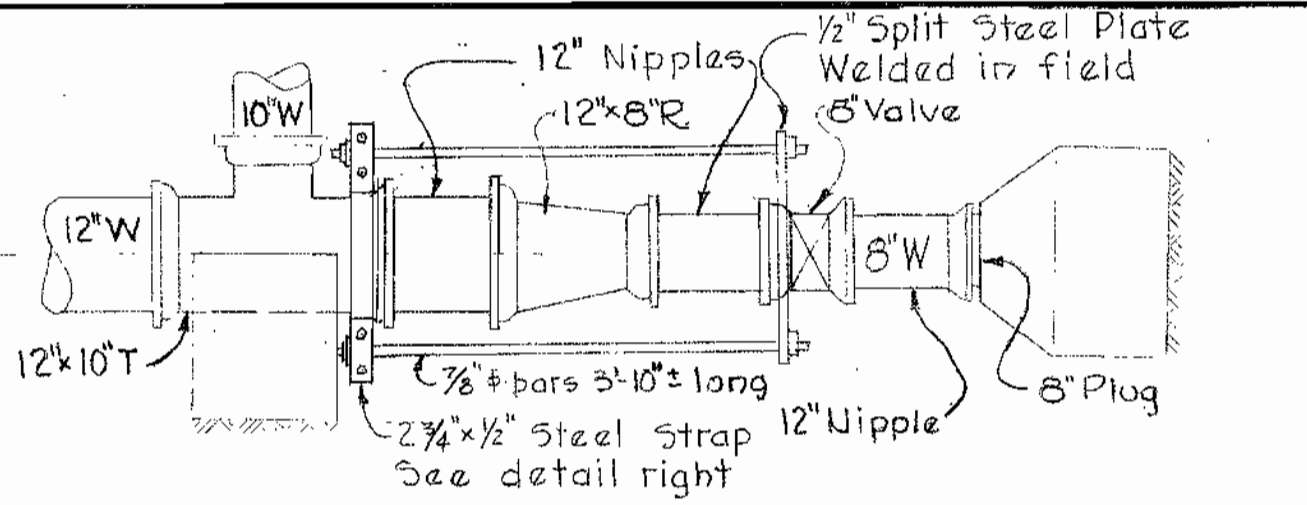
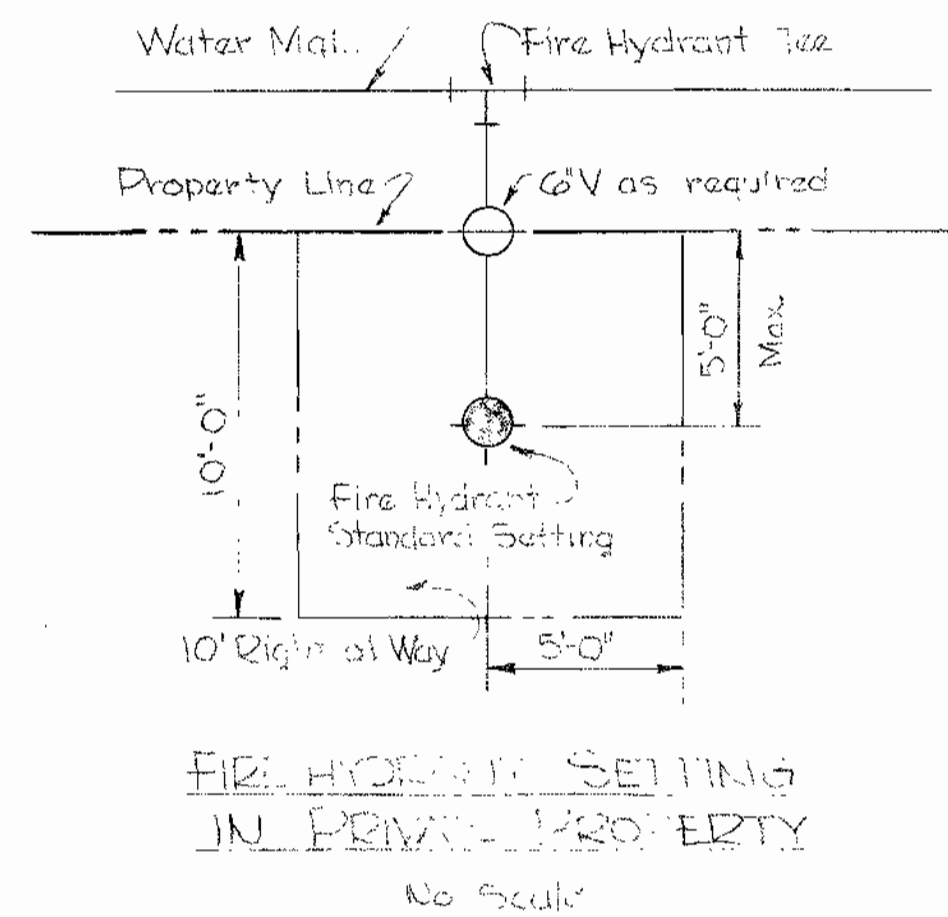
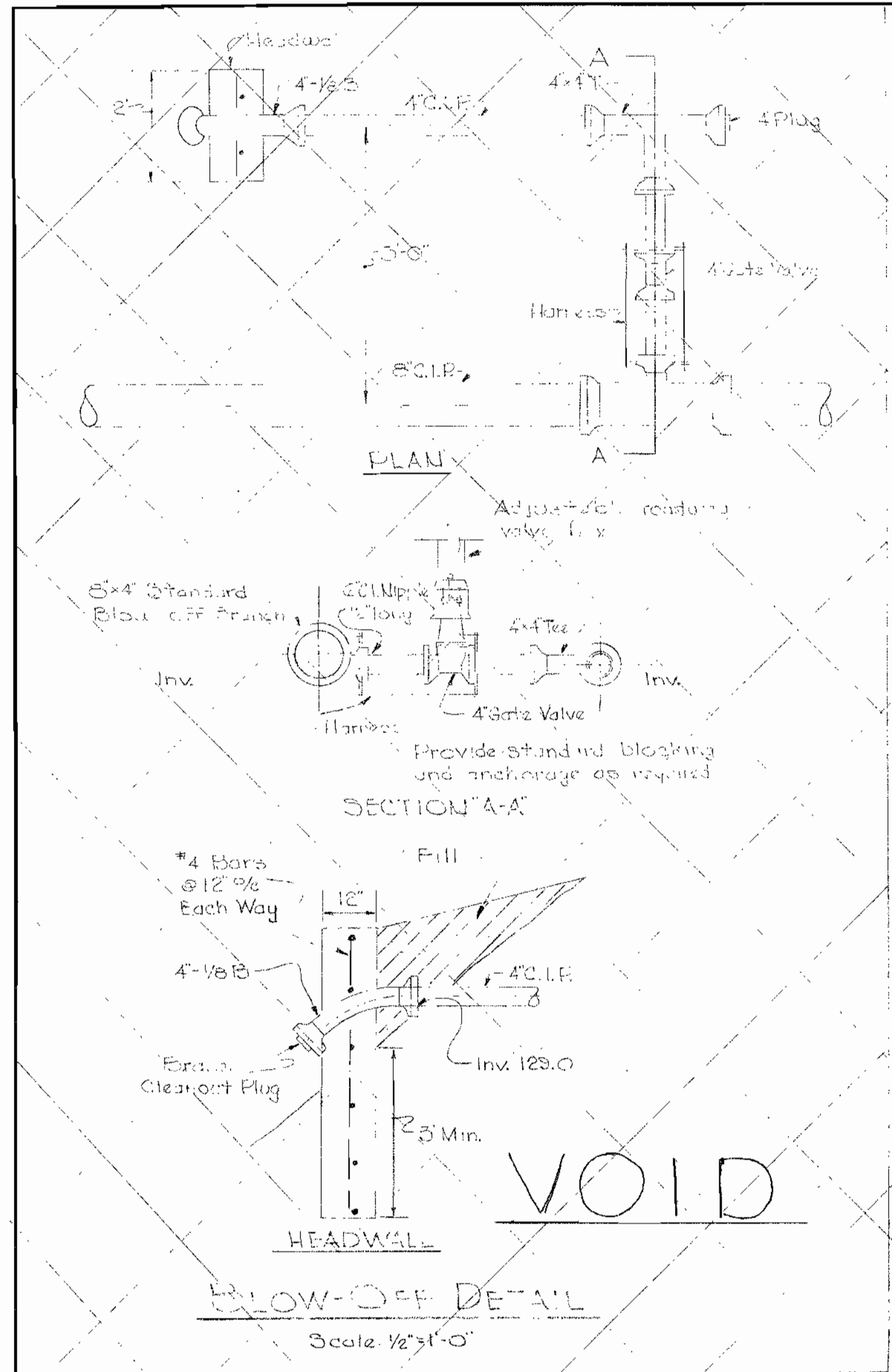
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 DATE <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3 W	PROFILES OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 18 OF 20	SCALE H-1"=100' V-1"=10'	57/051 Y
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WS 3-W/18



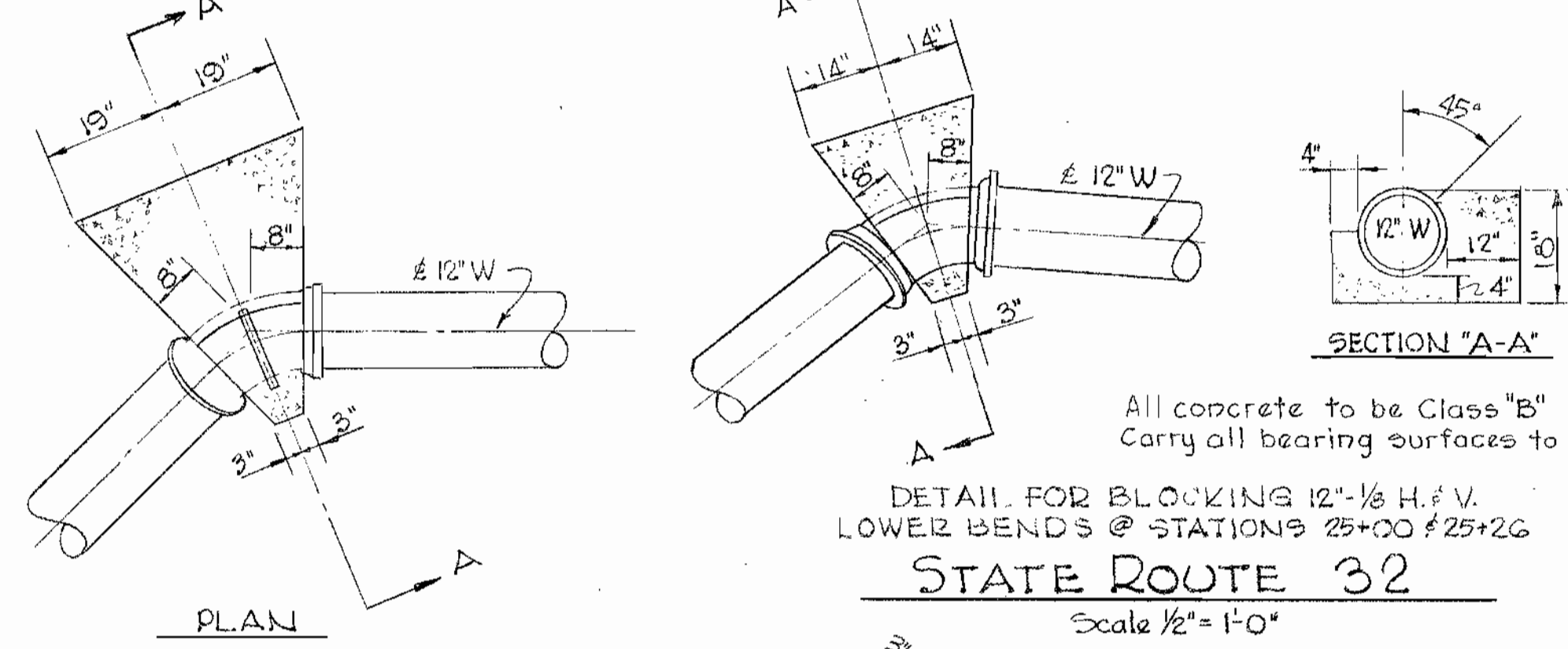
WASHINGTON SUBURBAN SANITARY COMMISSION
 APPROVED
Nancy B. Shaw JULY 24, 1957
 CHIEF ENGINEER DATE

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION July 26, 1957 DATE <i>Carl W. Meyer</i> CHAIRMAN	CONTRACT NO. 3 W	PROFILES OF WATER MAIN EXTENSIONS	PATUXENT SUB-DISTRICT NO. 2	DRAWING NO. 19 OF 20	SCALE H-1"=100' V-1"=10'	57/052 Y
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HARNESSES DETAILS

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



Notes:
Paint all exposed steel with 2 coats Valdura asphalt paint or approved equal. Carry all bearing surfaces to firm ground.

Note:
Concrete to be Class "B"

All concrete to be Class "B"
Carry all bearing surfaces to solid ground

DETAIL FOR BLOCKING 12-1/8 H.V. LOWER BENDS @ STATIONS 25+00 & 25+20

STATE ROUTE 32

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

DETAIL FOR BLOCKING 12-1/8 H.V. UPPER BENDS @ STATIONS 24+82 & 25+37

STATE ROUTE 32

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

STRAPPING DETAIL

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

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

HOWARD COUNTY METROPOLITAN COMMISSION
July 26, 1957
DATE

Chairman

CONTRACT NO. 3W

DETAILS

PATUXENT SUB-DISTRICT NO. 2

WASHINGTON SUBURBAN
SANITARY COMMISSION
APPROVED
July 24, 1957
DATE

CHIEF ENGINEER

DRAWING NO. 20 OF 20

SCALE AS SHOWN

5/1053

Y

02/W/SW