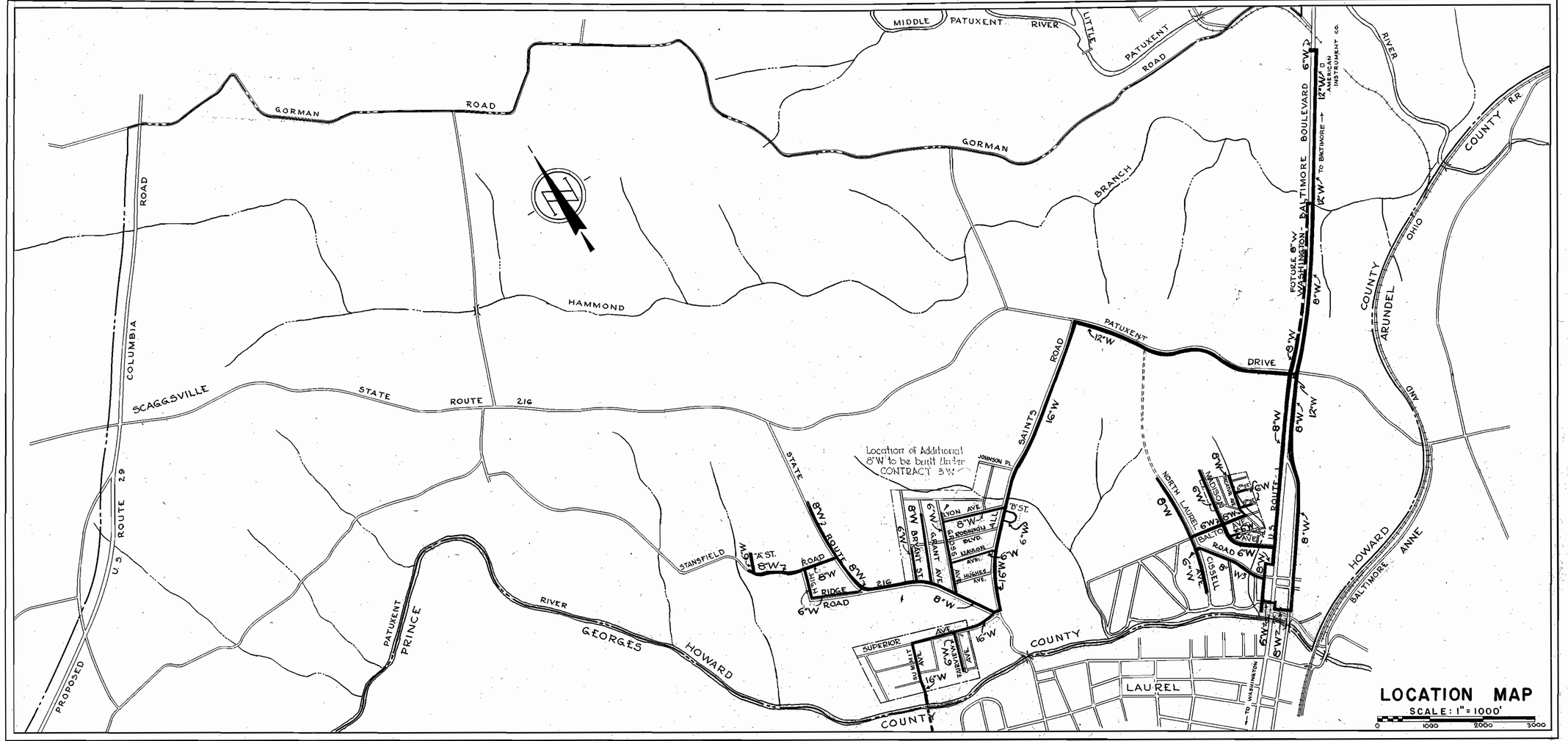


CONTRACT 1W
WATER MAIN EXTENSIONS
HOWARD COUNTY METROPOLITAN COMMISSION
PATUXENT SUB-DISTRICT, MARYLAND

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry F. Shaw CHIEF ENGINEER	LOCATION MAP OF WATER MAIN EXTENSIONS	DRAWING NO. 1 OF 25	SCALE AS SHOWN 55208 Y

AS BUILT

4205-2

AL TRACING CLOTH—D. K. ELLIOTT CO., PGH., PA.
4205-2

B.M. 2163 Elev. 153.189
USC&GS Marker N3-1933 about 350' N.E. of B&O station at S. end of bridge in top of E. end of the south backwall.

INDEX		
	SHEET No.	
STREET NAME	PLAN	PROFILE
BALTO.- WASH. BLVD	2 - 6	17 - 19
PATUXENT DRIVE	7	19
NORTH LAUREL RD.	3 14	17, 20
CISSEL AVE.	14	20
ALL SAINTS RD.	8 - 10	21
STATE ROUTE 216	10 - 12	22
HIGH RIDGE RD.	12, 13	23
BRYANT AVE.	11	23
GROSS AVE.	11	23
GRANT AVE.	11	23
ROBINSON BLVD.	9, 11	23
STANSFIELD RD.	13	23
"A" STREET (DONHARDT)	13	22
MADISON AVE.	15	24
FAIRVIEW AVE.	10	24
BALTIMORE AVE.	14, 15	24
SUPERIOR AVE.	10, 16	24
"B" STREET	8, 9	20
2ND STREET	15	24
3RD STREET	6, 15	24
SUMMIT AVE.	16	25
5TH STREET	6	25
6TH STREET	6	25
DECATUR AVE.	6	25

Pl. 3+03.71
36"C.I.P.
12"RCCP
12" RCCP
24"C.I.P.
24"RCCP
B. & O. RAILROAD
ANNE ARUNDEL COUNTY
HOWARD COUNTY
Pl. 5+25.67
Pl. 8+68.30
Pl. 11+16.45
Profile on Sheet No 17
78,000N 48,000E
78,500N 47,500E
78,500N 48,250E
U.S. 1
BALTIMORE BLVD.
WASHINGTON
Paving
8"H.P.G.
4"H.P.G.
14"H.P.G.
PROPERTY OF MARYLAND STATE FAIR INC.
PROPERTY OF JOSEPH D. HARDING
PROPERTY OF C. C. TALBOTT
PROPERTY OF E. S. GILLAN
PROPERTY OF J. H. INGRAM Jr.
END OF CONTRACT
12' Construction Strip
12' Right of Way
Valencia Motel
15 Cabins
PROPERTY OF R. R. MILINER
Office
Garage
9 Cabins
Cabins Overhead
CISSEL AVE.
Septic Tank
Pl. 2+12.49
Pl. 5+38.40
Pl. 4+13.91
Pl. 1+87.12
Strap F.H. to 8"x6"T. See detail on W.S.S.C. dwg. 5/1464-Y
Match Line "A-A" See Sheet No. 3
Contract 1W

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. For all standard details see standards bound in specifications.
4. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilites.
5. Before digging, pipe pushing or doing other work near Telephone Cables call collect, at any time, Lexington 9-9900 - Ext. 553, 554 or 555 Baltimore, Maryland.
6. 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.
7. All fittings shall be anchored or buttressed as required. See details bound in specifications.
8. Clear all poles by a 2'-0" min.
9. 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.
10. 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.
11. *All 2"W. to be Copper "Type K". All 6"&8"W. to be Class 22. All 12"W. to be Class 23. All 16"W. to be Class 25. Use concrete to block all fittings larger than 2". See W.S.S.C. std. detail dwgs. 4G714-L, 4G715-L, 4926D-L & 5486G-L. Blocking buttresses to be altered, wherever required, to provide space for existing utilities. For blocking details of 8"16B.H&V. & 12"-16B.H&V. See special details on Sheet of 16.*

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

HOWARD COUNTY METROPOLITAN COMMISSION
PATUXENT SUB-DISTRICT
MARYLAND

APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION
March 28, 1955 DATE
Floyd S. Mowen, Roger D. Gaynor COMMISSIONERS

APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION
MARCH 10, 1955 DATE
Harry B. Shaw CHIEF ENGINEER

PLAN OF
WATER MAIN EXTENSIONS

DRAWING NO. 2 OF 25

SCALE 1"=50'

55209
Y
SSNE16-2 SHEET 1
ANNE 16-2 ADDITION

AS BUILT

4205-2

W S 1/2

IMPERIAL TRACING CLOTH—D. K. ELLIOTT CO., PGH., PA.

Match Line "V-V" See Sheet No.14

DECATUR PLACE

PROPERTY OF LEAKE S. MEADOR

PROPERTY OF E. S. GILLAN

PROPERTY OF MECOLLINS ET. AL.

PROPERTY OF J. H. INGRAM & LENA M.

PROPERTY OF MARTHA E. COOK

PROPERTY OF G. R. STANSFIELD

PROPERTY OF M. E. COLLINS ET. AL

PROPERTY OF J. R. LYNCH

PROPERTY OF J. H. INGRAM

PROPERTY OF F. R. BALDWIN

PROPERTY OF A. B. CLOKEY

PROPERTY OF R. R. MILNER

N. LAUREL ROAD

WASHINGTON-BALTIMORE BLVD. U.S. 1

To Washington

To Baltimore

MADISON AVE.

DECATUR AVENUE

For Madison Avenue See Sheet 15

PROPERTY OF ALEXANDER LEAKAN

3 Cabins

Sunoco Gas Station

Macadam Parking Lot

Aliens Restaurant

4" Drain Tile

Cranes Trailer Park Office

Gulf Sign

Macadam Parking Lot

Laurel Park Grill

5 Cabins

PROPERTY OF GEORGE MILLER ET. AL.

PROPERTY OF J. V. HOWARD ET. AL.

PROPERTY OF W. J. WATTS

PROPERTY OF J. R. CRANE

PROPERTY OF JOSEPH HAYES

3 Cabins 3 Garages

Office for Crescent Drive

PROPERTY OF ARTHUR D. FRANCIS ET. AL.

PROPERTY OF LILLIAN A. BLANCHE

END OF CONTRACT

See W.S.S.C. std. detail dwg. 49269-L

Plug Cross and Tap

PROPERTY OF G. CONSTATINI

Strap F.H. to 8"x6"T. See W.S.S.C. dwg 51464-Y

Valencia De Luxe 10 Cabins

Mobil Gas Station

Cabin

Match Line "A-A" See Sheet No. 2

Match Line "B-B" See Sheet No. 4

Profiles on Sheets No. 17, 18, 20 & 24

Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE — CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 3 OF 25	SCALE 1"=50'

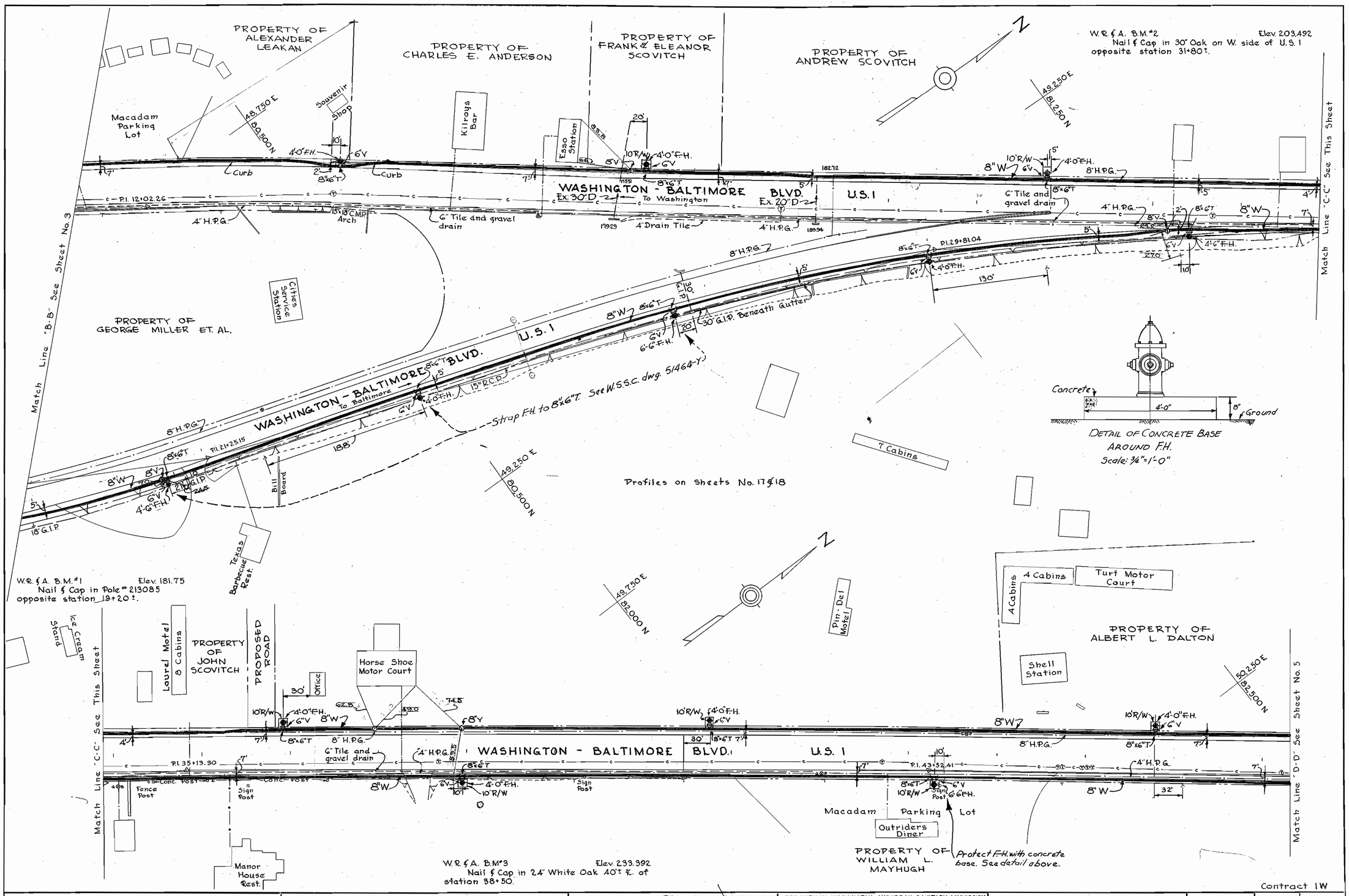
55210 Y

40NE17, 40NE27, 41NE17-3

AS BUILT

4205-E

WS 1/3



Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 4 OF 25	SCALE 1"=50'

55211 Y

4205-2

AS BUILT

WS 1/4

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

Match Line "D-D" See Sheet No.4

PATUXENT DRIVE

12"W 8"V 12"x12"C 8"W 12"x8"R 12"x8"R 12"V 12"W

MH 608

California Inn

PROPERTY OF CHARLES H. & GLADYS LAMPARTER

PROPERTY OF ERIC M. & ALBERTA C. GREDINGER

Laurel Veterinary

Emerson's Market

3 Cabins 3 Cabins 3 Cabins

50.750 E 83.250 N

Allen's Motel

END OF CONTRACT

WASHINGTON - BALTIMORE BLVD. U.S. 1

Curb Curb

8"H.P.G. 4"H.P.G.

8"W 8"V 8"x6"T 8"V 6"V 4"-0" F.H. 10'R/W

37339' 8"W 3 Gas Boxes 266.61' 8"W

P.I. Ch 11.72

Gas Valve Vaults

Sign Post

Pristers Mobile Home Park

G.&E. Power Station

45' 38.0' 3'G.

LIMIT OF PART "A"

LIMIT OF PART "B"

Edge of Woods

51.250 E 83.500 N

Match Line "E-E" See This Sheet

Profiles on Sheets No. 18 & 19

50.750 E 82.500 N

51.500 E 84.250 N

51.500 E 83.750 N

Hi-Way Auto Wreckers

WASHINGTON, BALTIMORE, BLVD. U.S. 1

8"V/8"B.V&H. 8"x6"T 4"H.P.G. Curb 8"W 4'-6" F.H. 10'R/W 45' 31' 22' 15' 12' Const Strip Right of Way 12' Const Strip Right of Way 20' 4'-2" F.H. 10'R/W P.I. 23+44.05 8"W 8"V 8"x6"T 4"H.P.G. Curb 8"W 6"V 4'-0" F.H. 10'R/W

11 Cabins Casa Le Grande

Sinclair Service Station

52.000 E 84.500 N

PROPERTY OF WALTER S. & LEDA E. LE COMPTE

PROPERTY OF CLARENCE T. & ROSIE W. REELEY

Match Line "F-F" See Sheet No.6

W.R.&A. B.M. "4A" Elev. 181.493
Cut in top of conc. parapet wall on W. end of wall. South side of U.S.1 approximately 7' right of station 18+85±.

Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE — CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 5 OF 25	SCALE 1"=50'

552.12 Y

4205-2

AS BUILT

2 12" Main & 6" Service to Race Track added - 5-15-56

1 Revised November 15, 1955

Contract IW

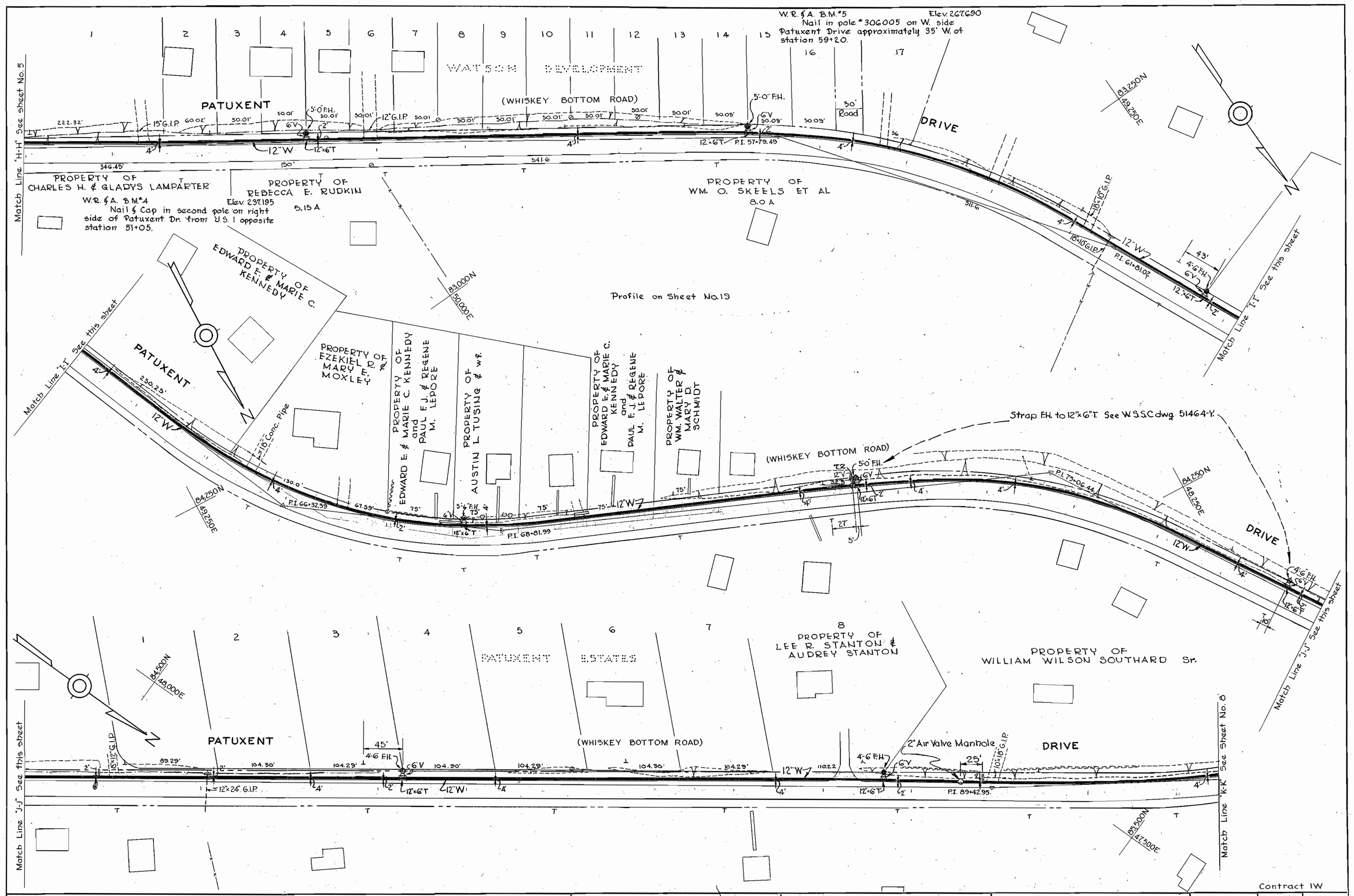
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 6 OF 25	SCALE 1"=50'	55213 Y 43NE18-1,2,3 44NE18-2,4

AS BUILT

4205-2

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

WS 1/6



Contract IW

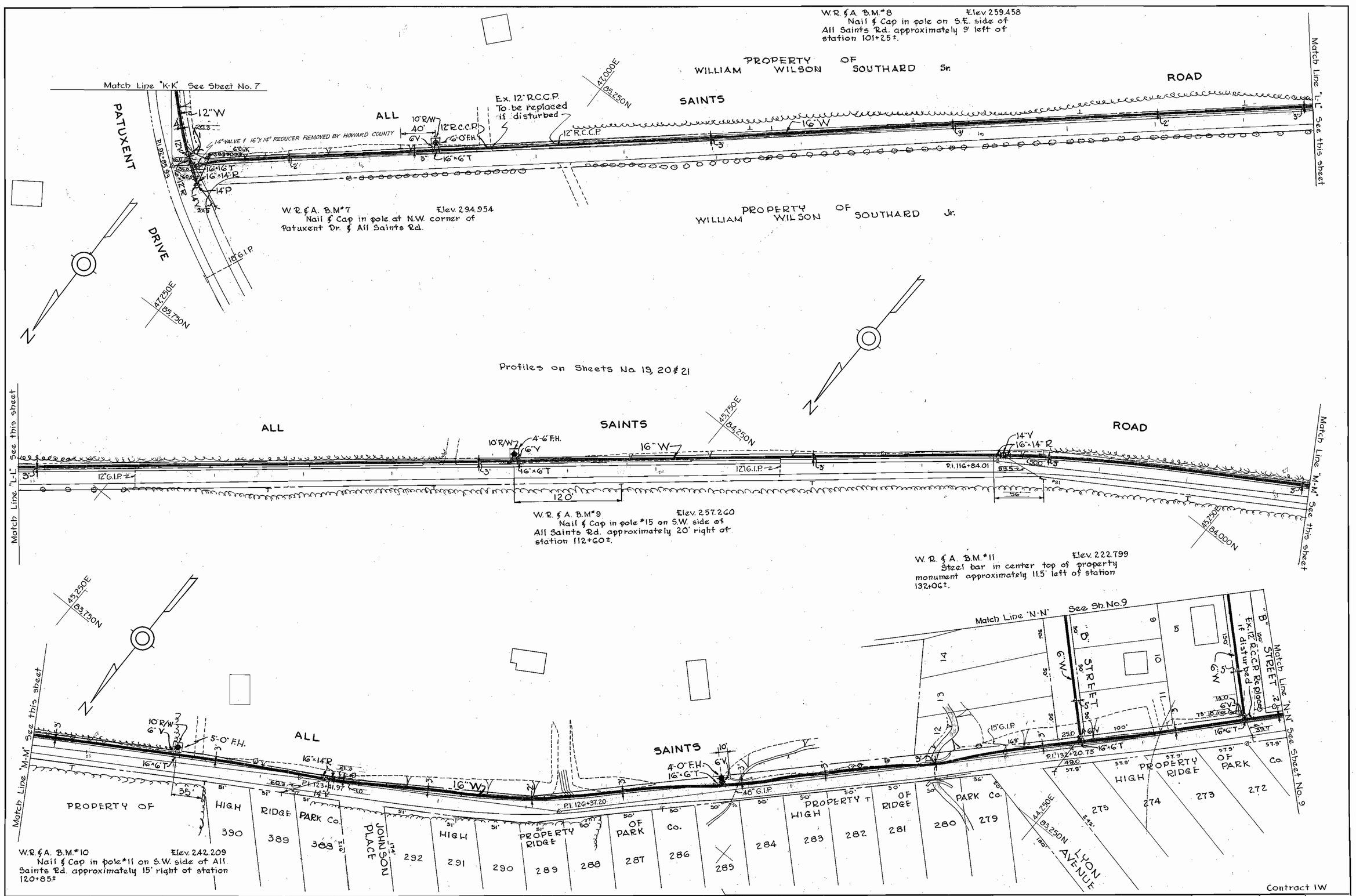
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION March 19, 1955 DATE — CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 7 OF 25	SCALE 1"=50'	55214 Y

4205-2

AS BUILT

PERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

WS 1/7

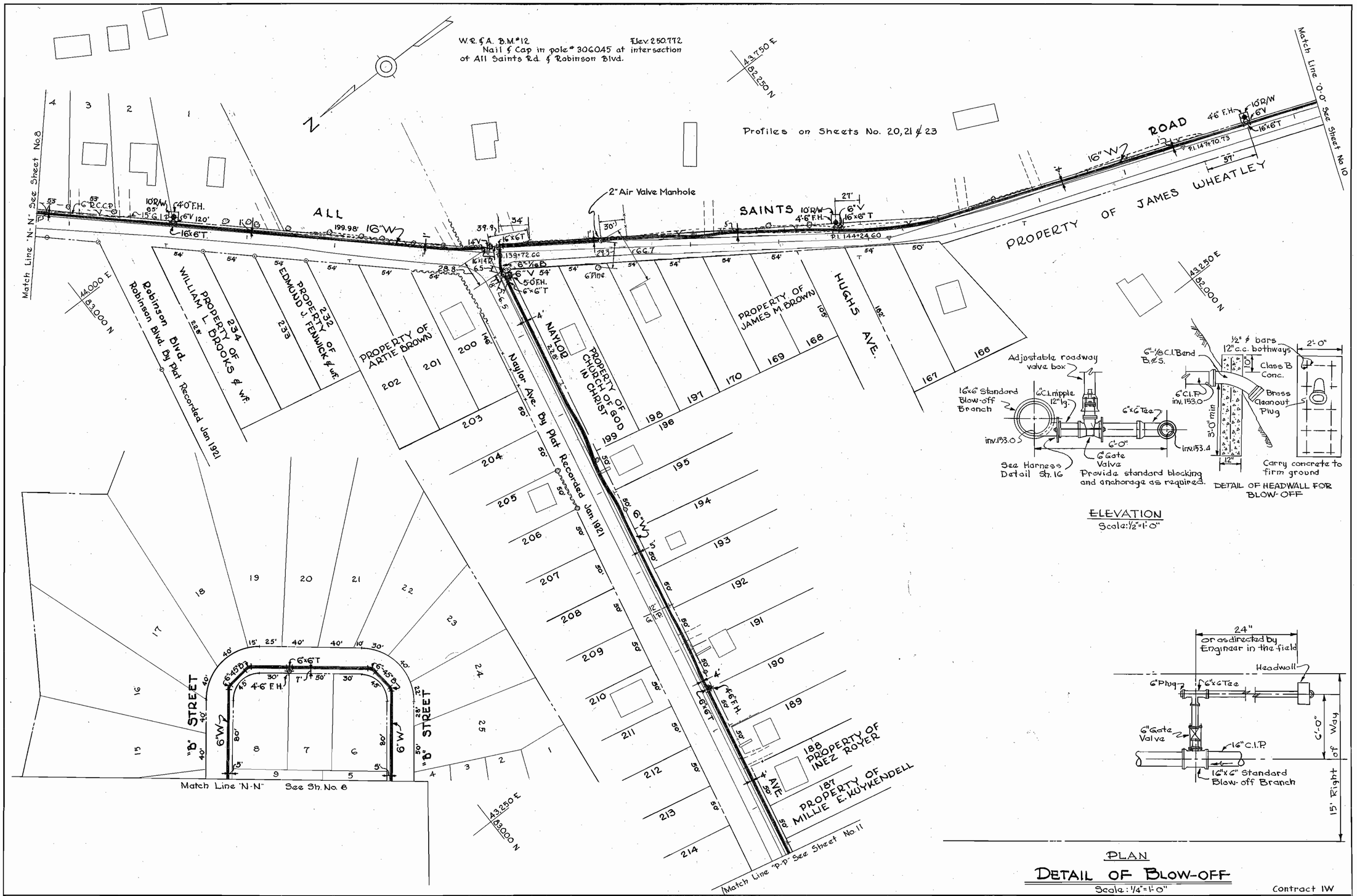


WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 8 OF 25	SCALE 1"=50'	55215 Y

4205-2

AS BUILT

SW 1/8



Contract IW

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry B. Shaw CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 9 OF 25	SCALE 1"=50'	55216 Y

4205-2

AS BUILT

W5 1/9

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

W.R.&A. B.M.#14 Elev. 193.517
Nail & Cap in pole 65'± E. of P.I. 153+55.32
on S. side of Route 216 at All Saints Rd.

W.R.&A. B.M.#13
Nail & Cap in pole opposite
149+85±.

W.R.&A. B.M. 14-A Elev. 243.63
Nail & Cap in pole #175808 at intersection
Fairview Ave. & Gravel Rd.

Profiles on Sheets No. 21, 22, & 24

① Revised alignment thru Property of C.R. Miles - June 8, 1955

Contract IW

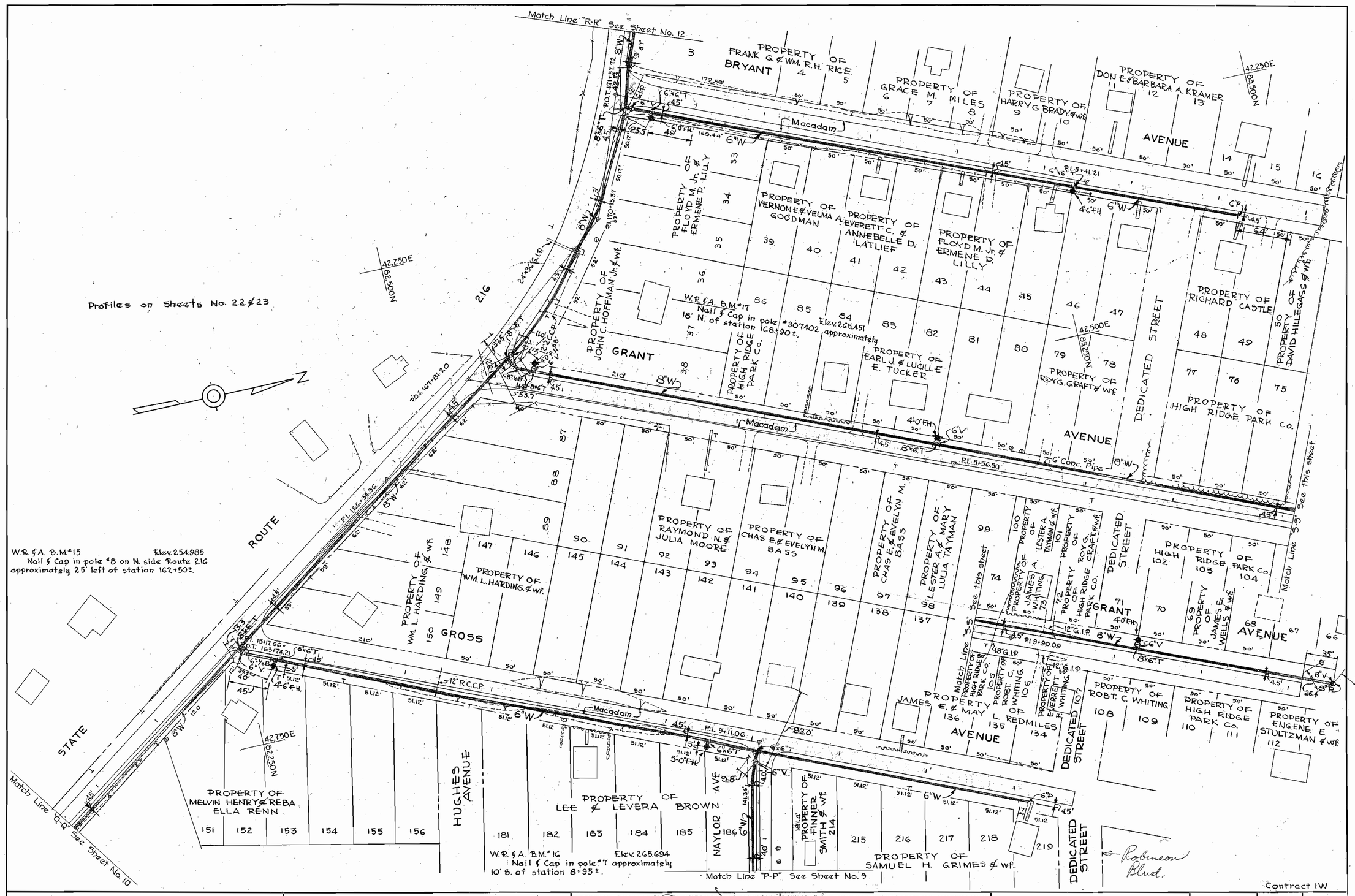
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 10, 1955 DATE Harry B. Shaw CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 10 OF 25	SCALE 1"=50'	552.17 Y 4INE15-1

4205-2

AS BUILT

WS 1/10

IMPERIAL TRACING CLOTH—E. K. ELLIOTT CO., PGH., PA.



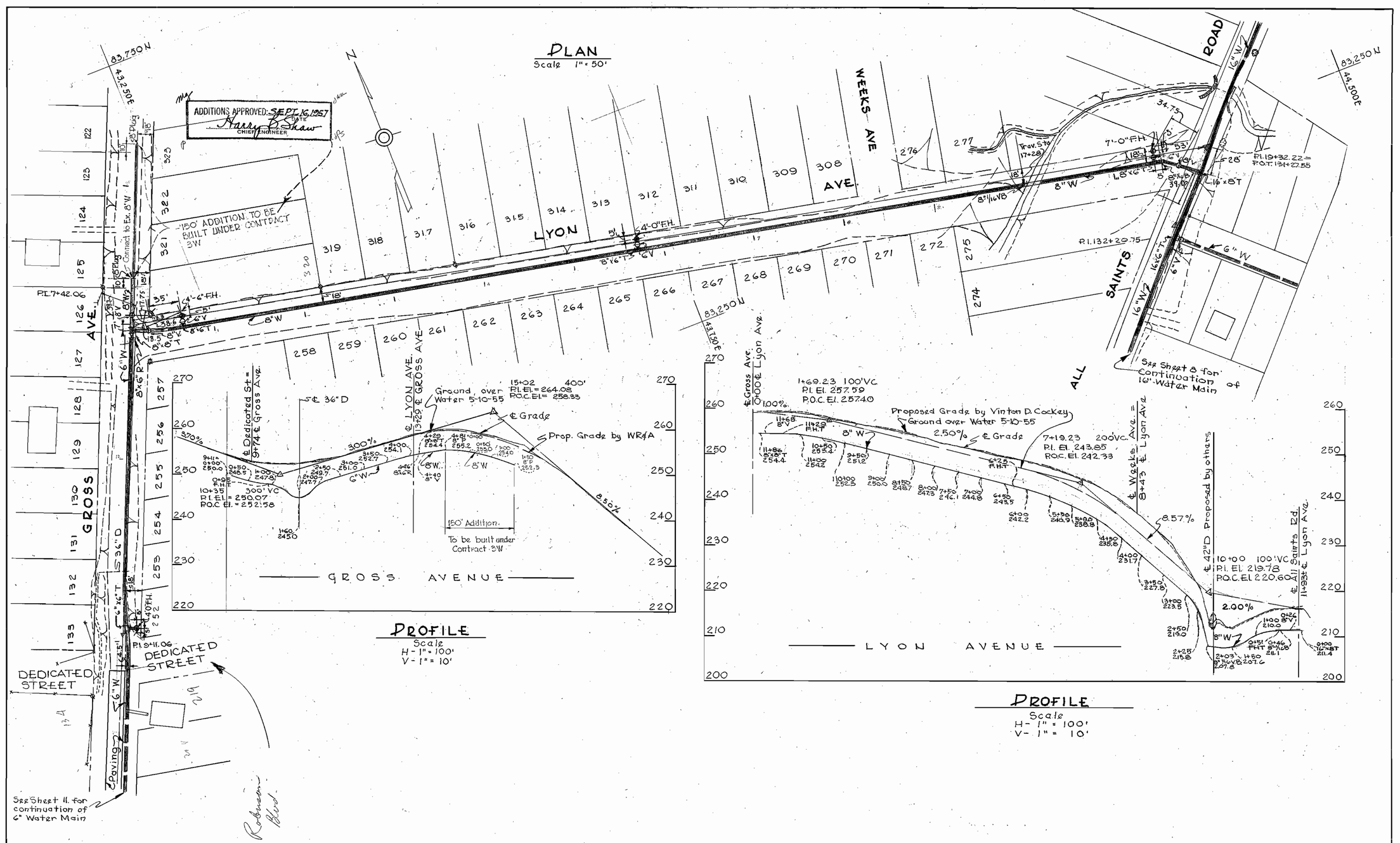
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 11 OF 25	SCALE 1"=50'	55218 Y 41NE15-1 42NE15-1-3

4205-2

AS BUILT

WS 1/11

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.



Revised 9/11/57
Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOPLITAN COMMISSION DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION May 31, 1955 DATE Harry B. Shaw CHIEF ENGINEER	PLAN AND PROFILE OF WATER MAIN EXTENSIONS	DRAWING NO. 11A OF 25	SCALE AS SHOWN 55218-A Y 42NE15-1,2

AS BUILT

WS 1/11A

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

FUTURE LOW ZONE

FUTURE HIGH ZONE

82,750N 41,750E

HIGH RIDGE ROAD

Match Line "R-R" See Sheet No. 11

STATE ROUTE 216

Future Division Valve

12"G.I.P.

8"W

8"V

6"V

8"x6"T

4'-6"F.H.

4'-0"F.H.

5'-0"F.H.

18"G.I.P.

12"G.I.P.-Zn

6"x6"T

6"W

6"Iron Pipe

P.I. 176+54.71

P.I. 180+59.77 = 0+00

P.I. 16+42.06

P.I. 19+78.70

P.I. 2+66.55

P.I. 15+25.38

P.I. 20+44.13

75.2±

80.0±

82.6

110.5±

78.7±

52.6

51'

45'

4.5'

10'

2'

3'

W.R.&A. B.M.#18 Elev. 316.938
+ Cut in top of S. end of culvert wall 150± N. of intersection of Route 216 & High Ridge Rd.

Profiles on Sheets No. 22 & 23

Clear all poles by 2'-0" Min.

83,750N 41,790E

W.R.&A. B.M.#22 Elev. 303.399
Nail & Cap in pole #315256 approximately 30' left of station 15+70±.

84,500N 41,000E

84,250N 41,250E

83,250N 41,250E

83,750N 41,000E

W.R.&A. B.M.#21 Elev. 320.422
Nail & Cap in pole #158874 at intersection of Stansfield Rd. & Route 216 approximately 20' left of station 9+20±.

STANSFIELD ROAD

Match Line "T-T" See this sheet

Match Line "T-T" See Sheet No. 13

Contract IW

N

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 10, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 12 OF 25	SCALE 1"=50'

55219 Y

42NE14-2,4
43NE14-2,4

AS BUILT

4205-2

WS 1/12

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

W.R.&A. B.M.#19 Elev. 314.584
Nail & Cap in base of 30" Red Oak approximately 12' N. of station 191+25±.

W.R.&A. B.M.#20B Elev. 317.792
Nail & Cap in Transmission Line Pole G.&E. #148307 approximately 100' N. of P.I. 12+05.21.

HIGH RIDGE ROAD

STANSFIELD ROAD

(DOMHARDT) "A" STREET

Match Line "T-T" See Sheet No. 12

Match Line "U-U" See This Sheet

Profiles on Sheets No. 22 & 23

W.R.&A. B.M.#20 Elev. 294.180
Nail & Cap in pole at intersection of High Ridge Rd. & Stansfield Rd.

W.R.&A. B.M.#20A Elev. 277.470
Nail & Cap in C.&P. pole #5 approximately 400± N.W. of High Ridge Rd. on E. side of Stansfield Rd.

Strap F.H. to 8"x6"T. See detail on W.S.S.C. dwg. 51464-Y.

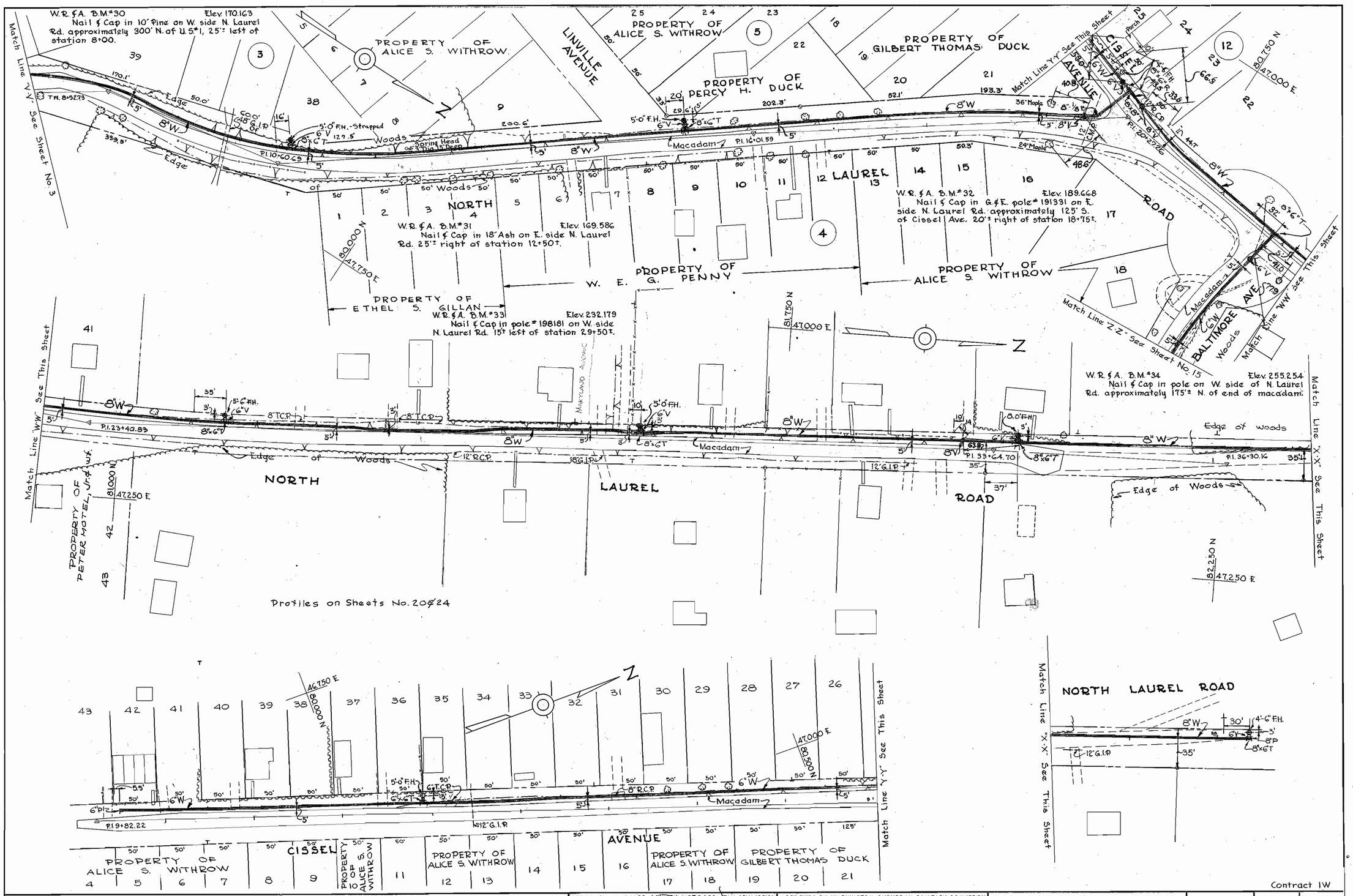
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE — CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 13 OF 25	SCALE 1"=50'	55220 Y

Contract 1W

4205-2

AS BUILT

WS 1/13



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 14 OF 25	SCALE 1"=50'

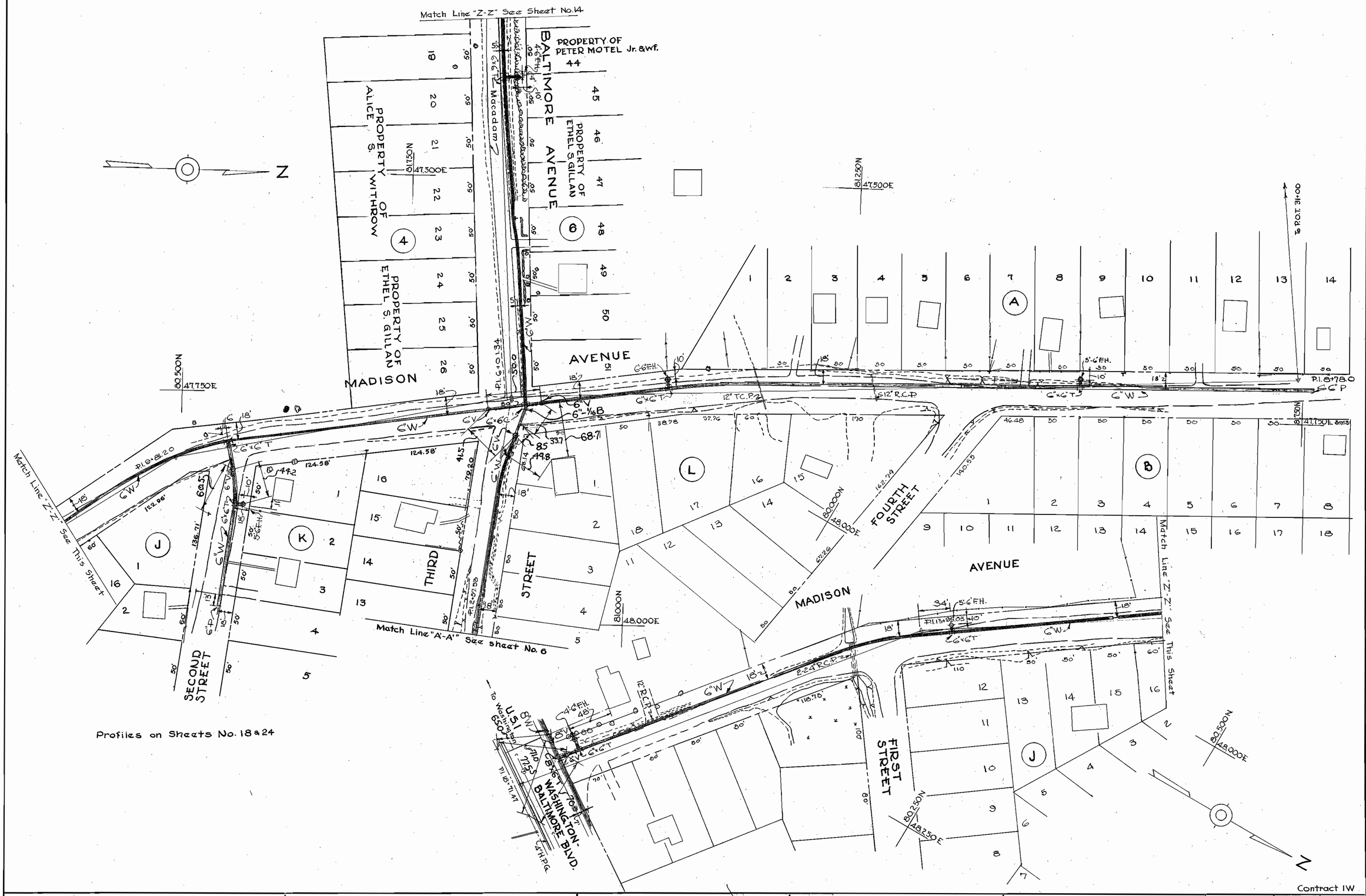
55221
Y
40NE16-2 41NE16-4
41NE16-4,2

AS BUILT

4205-2

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.

WS 1/14



Contract IW

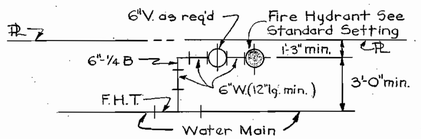
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry B. Shaw CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 15 OF 25	SCALE 1"=50'	55222 Y

4205-2

AS BUILT

PERIAL TRACING CLOTH—S. K. ELLIOTT CO., PGH., PA.

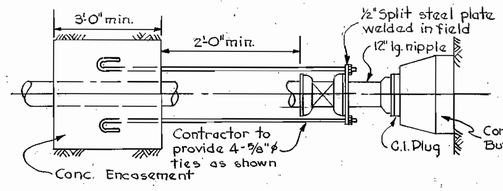
WS 1/15

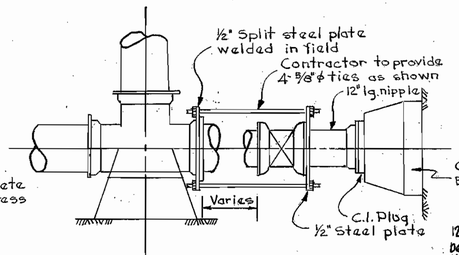


SCHEMATIC OF F. H. LEAD

No Scale

To be used only when directed by Engineer in the field.

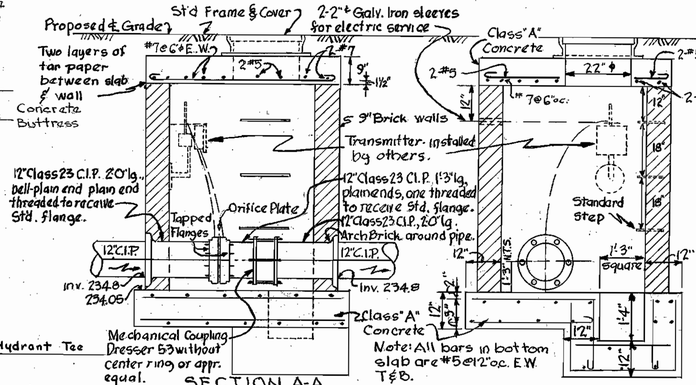




TYPICAL HARNESS DETAILS

FOR FUTURE WATER EXTENSIONS

No Scale

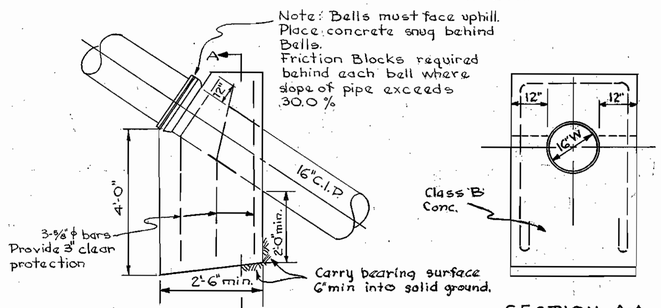


SECTION A-A

SECTION B-B

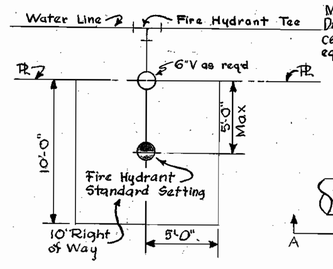
Match Line "Y-Y" See sheet No. 10

42,000E
80,850N



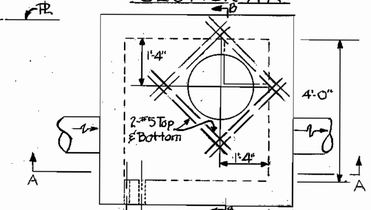
DETAIL OF ANCHOR BLOCK

Scale: ½"=1'-0



SCHEMATIC OF F.H. SET IN PRIVATE PROPERTY

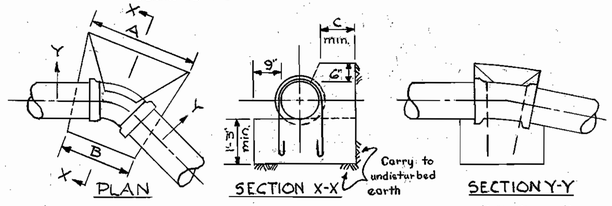
No Scale



PLAN

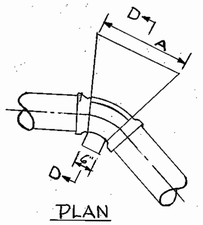
Size	Reinf. Bars	A	B	C
8"	2-½" ϕ	2'-4"	2'-0"	9"
12"	2-½" ϕ	3'-0"	2'-0"	12"

Embed bars 30 diameters. Paint exposed bars with two coats of approved bituminous paint



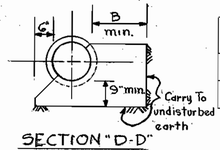
ANCHORAGE FOR ⅛ BENDS "H & V"

No Scale



METER VAULT

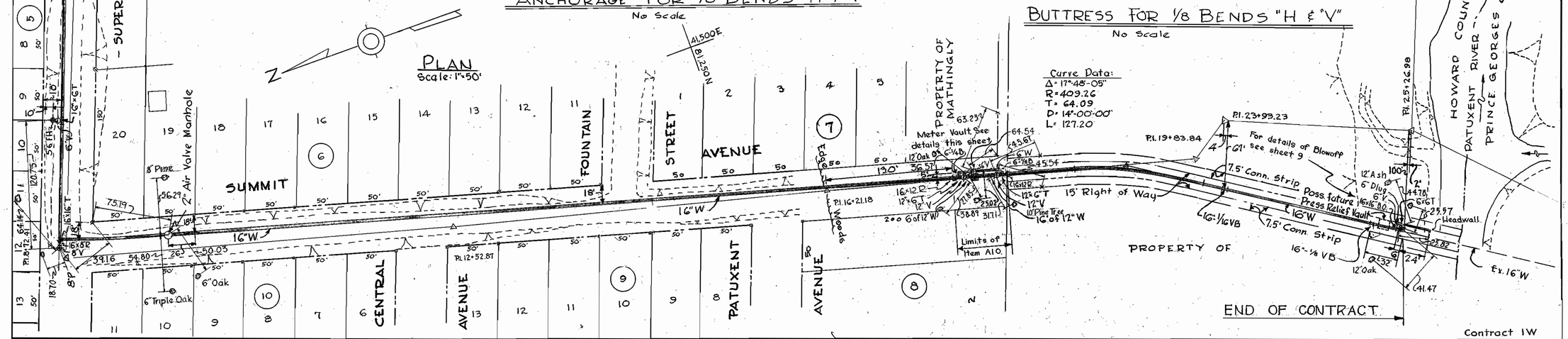
Scale ½"=1'-0"



Size	A	B
8"	2'-0"	12"
12"	2'-6"	1'-6"

BUTTRESS FOR ⅛ BENDS "H & V"

No Scale



PLAN

Scale: 1"=50'

Contract 1W

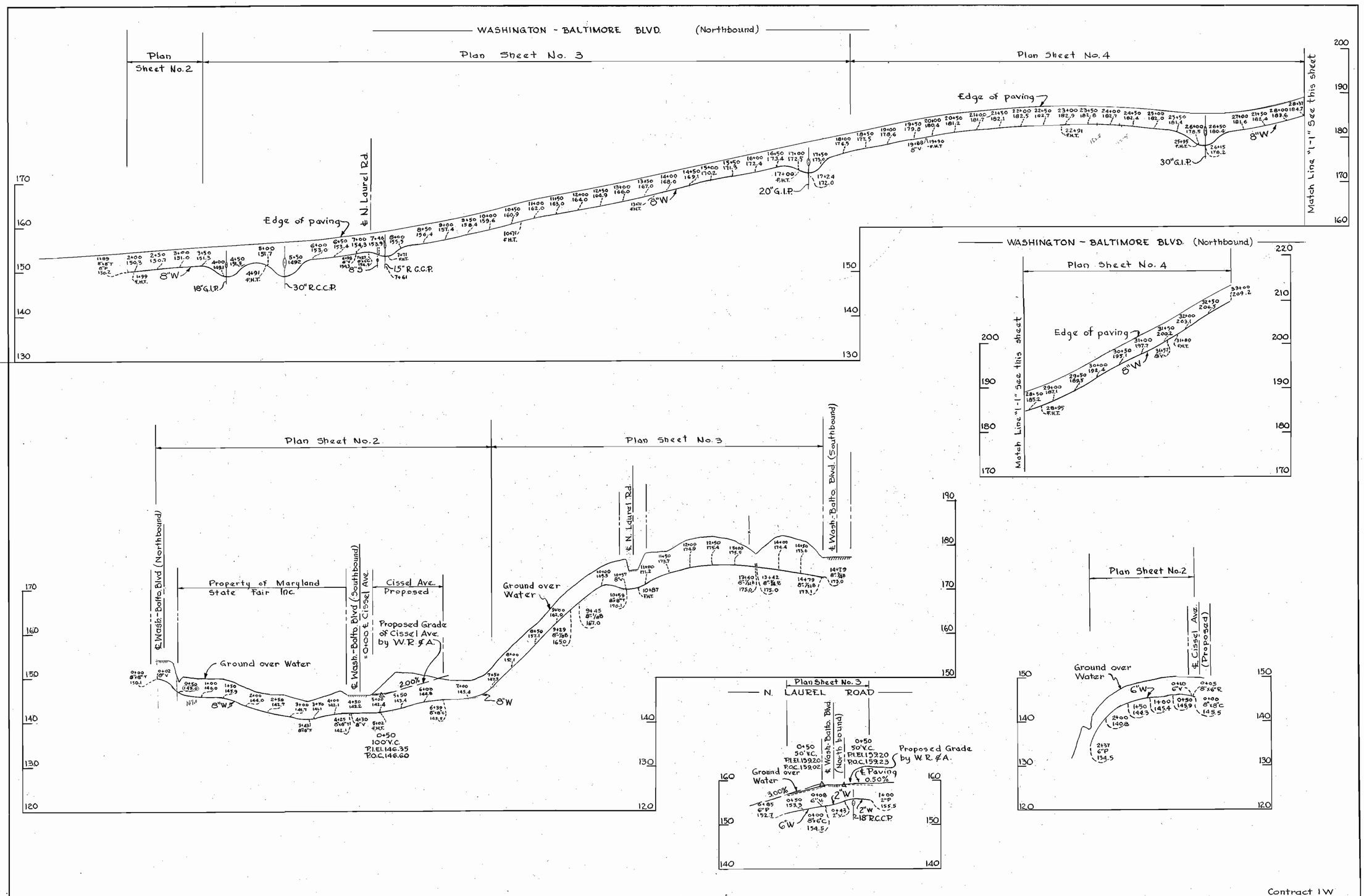
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY MET. COMMISSION. March 28, 1955 DATE. COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 10, 1955 DATE. CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	DRAWING NO. 16 OF 25	SCALE AS SHOWN

55223Y
Y
41N13-E4
41N15-1

AS BUILT

WS 1/16

IMPERIAL TRACING CLOTH—D. K. ELLIOTT CO., PGH., PA.



Contract 1W

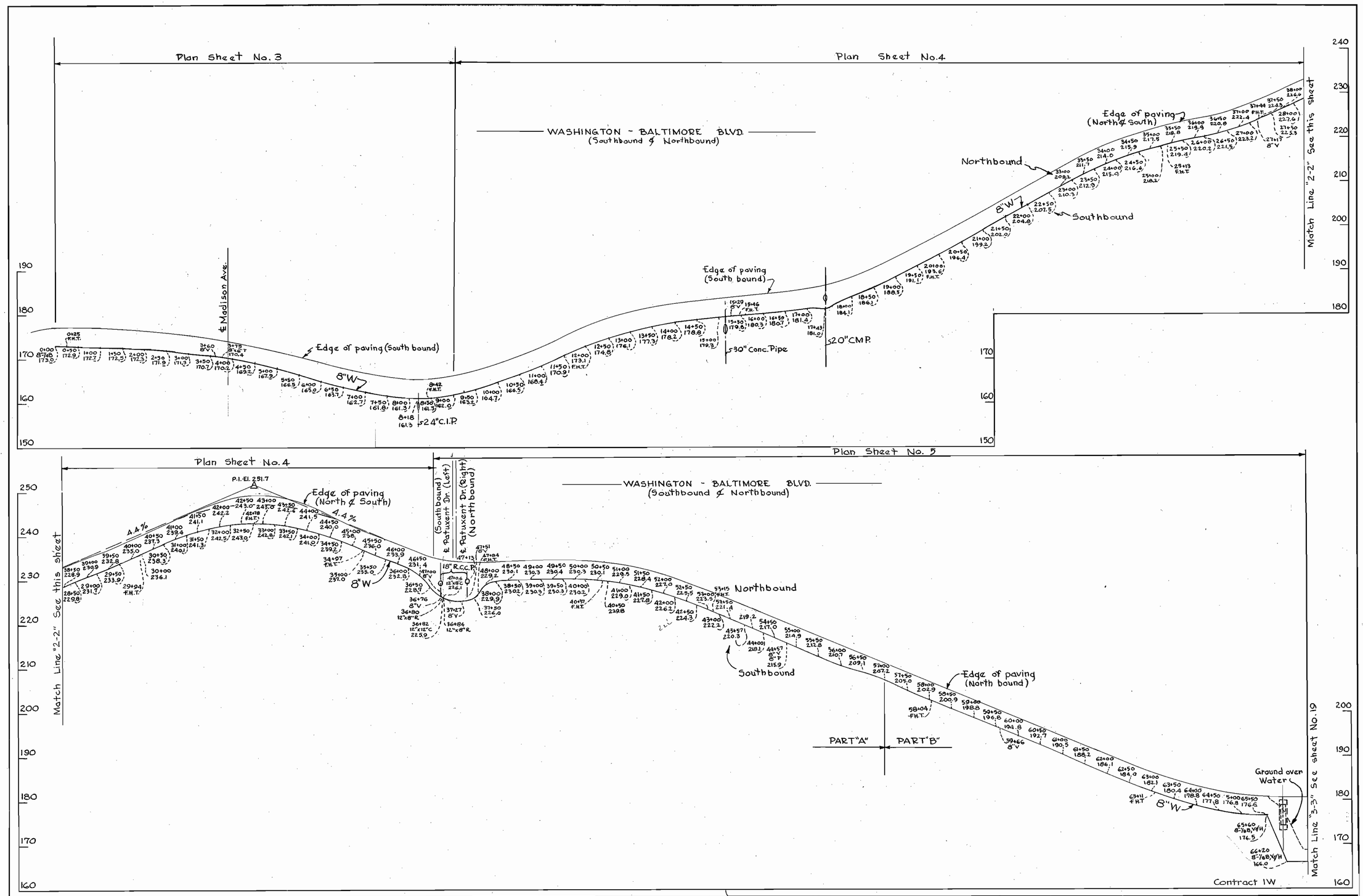
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 17 OF 25	SCALE H-1"=100' V-1"=10'	55224 Y

4205-2

AS BUILT

WS 1/17

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry B. Shaw CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 18 OF 25 SCALE H-1"=100' V-1"=10' 5522.5Y Y

4205-2

AS BUILT

WS 1/18

IMPERIAL TRACING CLOTH—S. K. ELLIOTT CO., PGH., PA.

Plan Sheet No. 5

Plan Sheet No. 6

WASHINGTON - BALTIMORE BLVD. (North Bound)

Match Line "3-3" See sheet No. 18

Ground over Water

Bottom of bank 10' East

67+26 8"W/8"V/H.

67+00 8"W/8"V/H 166.0

67+26 Ah.

67+48 Bk=

8"W

Edge of paving

72+86 F.H.T.

Ground over water

79+78 12"W/8"V/H 148.1

79+75 Bk=

79+76 Ah.

12"W

83+16 F.H.T.

Entrance to Laurel Race Track

Edge of paving

12"W

85+28 F.H.T.

93+73 F.H.T.

Match Line "4-4" See this sheet

Plan Sheet No. 6

WASHINGTON - BALTIMORE BLVD.

Edge of paving

12"W

Match Line "4-4" See this sheet

2" Air Valve MH 96+00 - 183.5

Plan Sheet No. 6

WASH-BALTO. BLVD. (North.)

℄ Drive

Edge of Paving

Ground over Water

12"W

99+04 Bk = 0+00 Ah.

SERVICE TO RACE TRACK

6" H.P.G.

℄ Conduit & Paving

6" H.P.G.

2 Meter Vault By Others

6"W

Plan. Sheet No. 7

PATUXENT DRIVE

9+52 400' V.C. P.I.El. 270.90 P.O.C. 266.92

Proposed Grade by W.R. & A.

1.85%

℄ Grade

18"x10" Arc

14+58 ΔH

14+58 Bk=

14+56 Ah.

16+26 400' V.C. P.I.El. 259.43 P.O.C. 262.31

20+05 200' V.C. P.I.El. 280.79 P.O.C. 279.73

1.65%

27+82 200' V.C. P.I.El. 293.61 P.O.C. 293.05

Match Line "5-5" See this sheet

℄ Washington - Baltimore Blvd.

0+50 100' V.C. P.I.El. 234.20 P.O.C. 234.45

1.0%

2+85 200' V.C. P.I.El. 236.55 P.O.C. 237.22

4.1%

Ground over water

6.1%

6+08 100' V.C. P.I.El. 249.90 P.O.C. 250.15

12"W

8"W

PATUXENT DRIVE

Plan Sheet No. 7

Match Line "5-5" See this sheet

Proposed Grade by W.R. & A.

0.60%

Ground over water

34+82 400' V.C. P.I.El. 289.41 P.O.C. 291.61

34+09 Bk = 34+24 Ah.

℄ Grade

3.80%

40+20 400' V.C. P.I.El. 309.85 P.O.C. 306.20

3.50%

Plan Sheet No. 8

℄ All Saints Road = 44+42 ℄ Patuxent Drive

2" Air Valve MH 40+50 - 301.2

12"W

16"W

[2] 12" Main & 6" Service added 5-15-56

ADDITIONS APPROVED: MAY 23, 1956 DATE
Harry B. Shaw CHIEF ENGINEER

WATER TO SERVE LAUREL RACEWAY

Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE — Harry B. Shaw CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 19 OF 25	SCALE H-1"=100' V-1"=10'	55226 Y

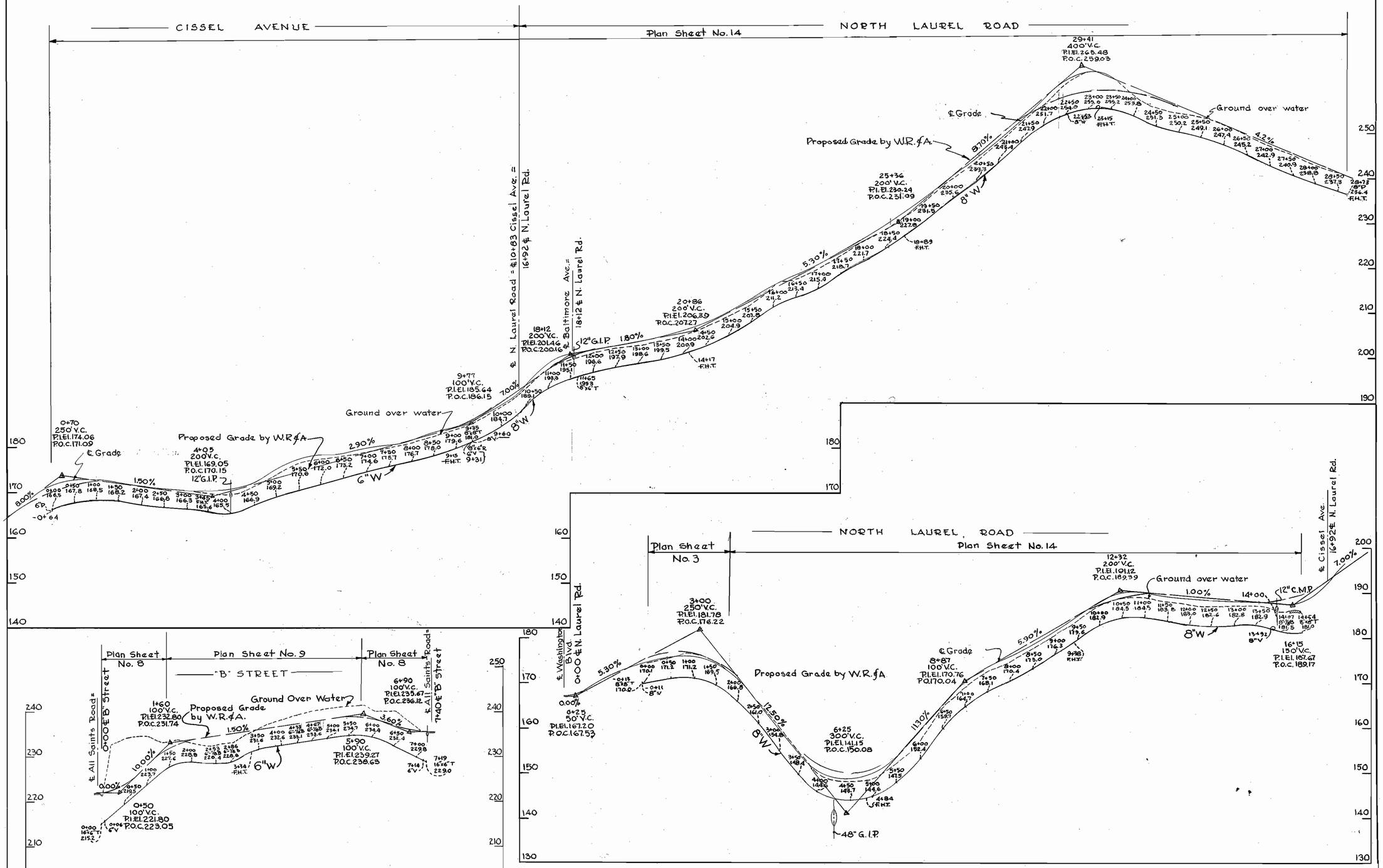
4205-2

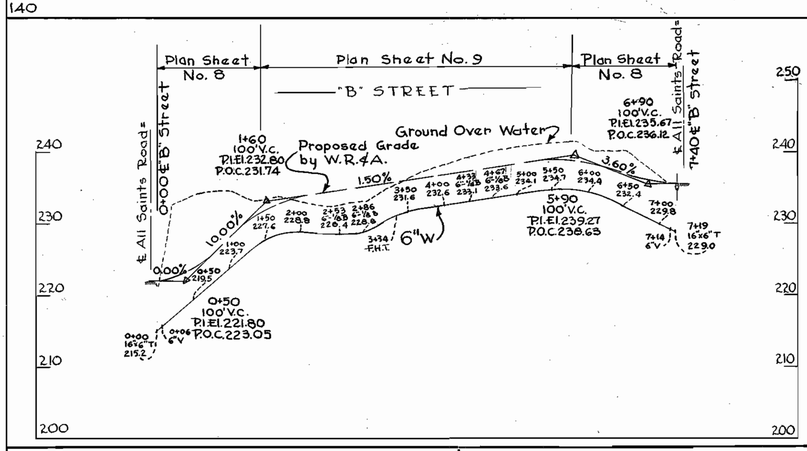
AS BUILT

WS 1/19

IMPERIAL TRAGING CLOTH—S. K. ELLIOTT CO., PGH., PA.

CISSEL AVENUE — Plan Sheet No. 14 — NORTH LAUREL ROAD





Contract IW

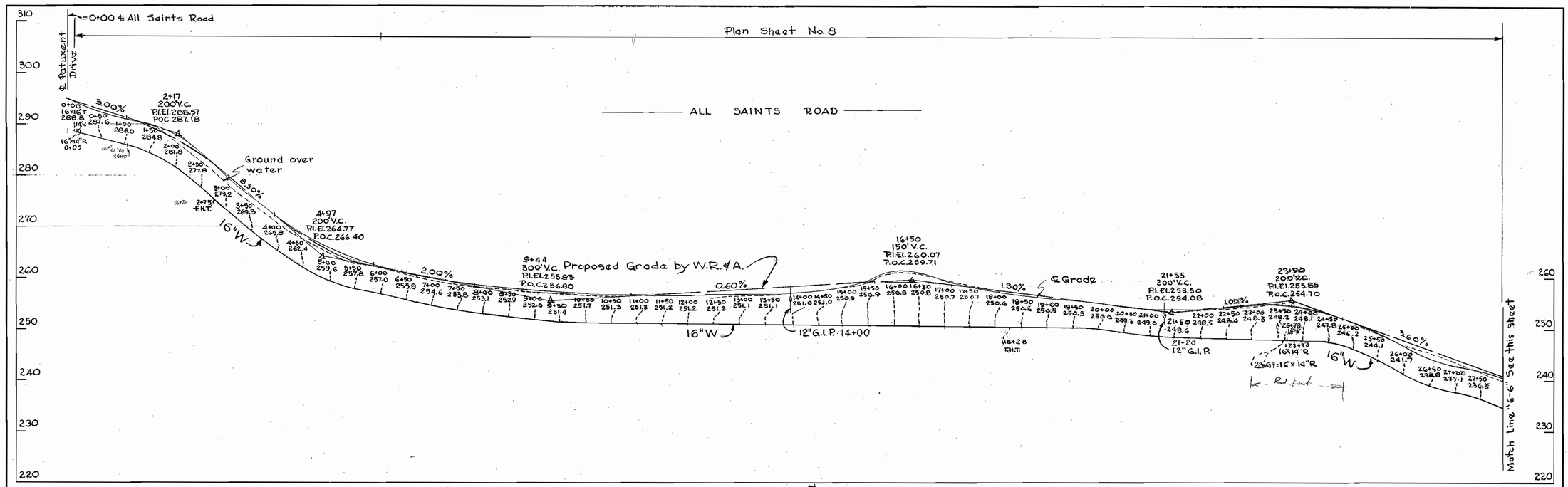
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONER'S	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 20 OF 25	SCALE H-1"=100' V-1"=10'

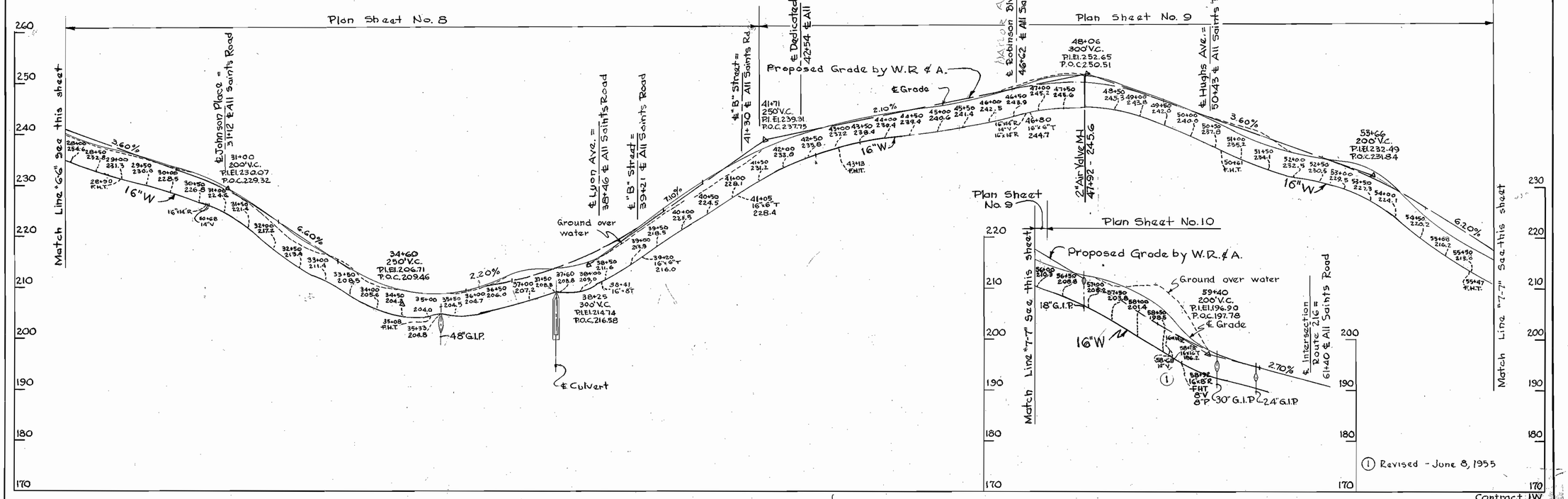
55227 Y

AS BUILT

WS 1/20

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.





① Revised - June 8, 1955

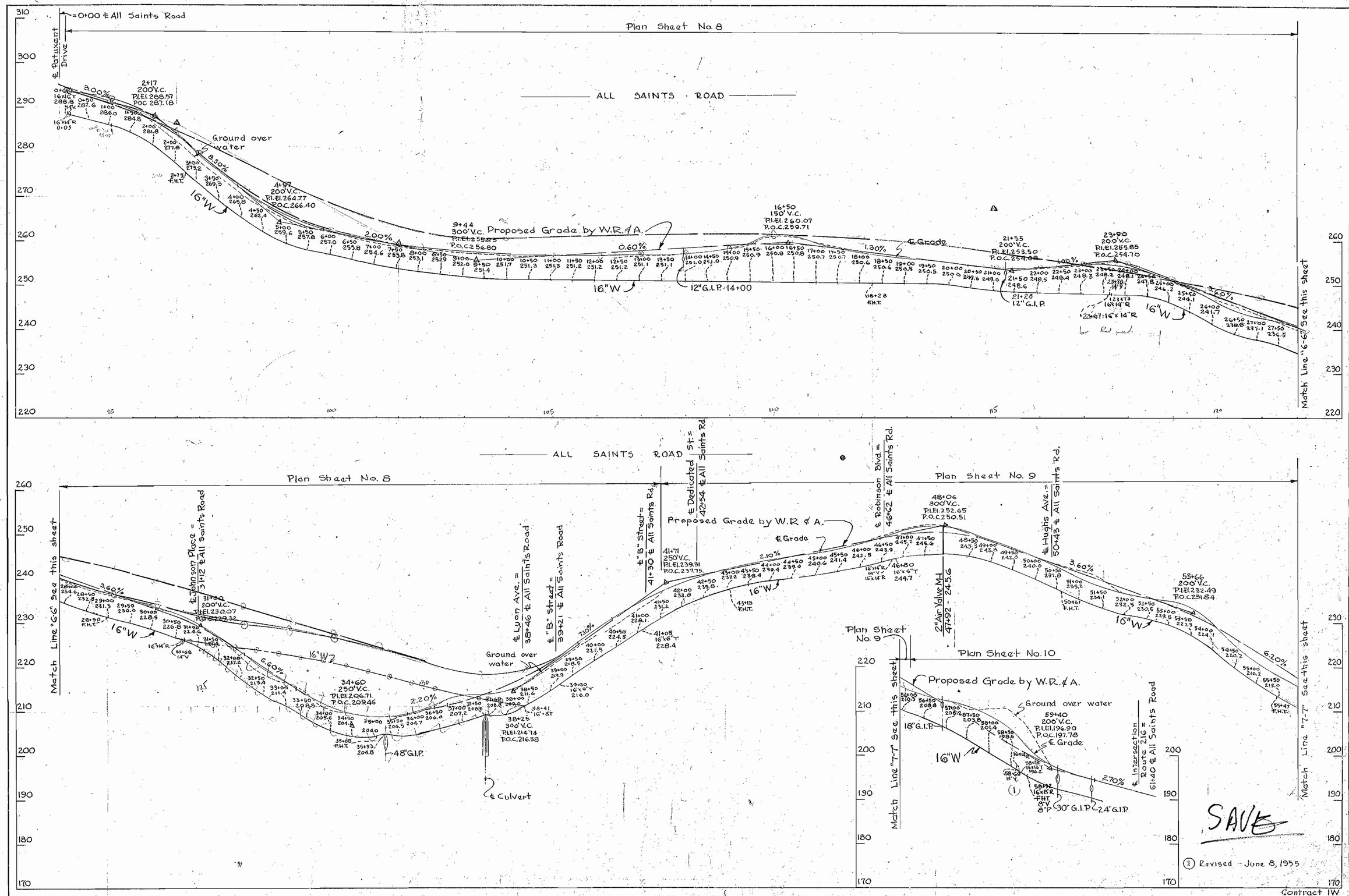
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONER'S	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 21 OF 25 SCALE H-1"=100' V-1"=10' 55228 Y

Contract IW

AS BUILT

WS 1/21

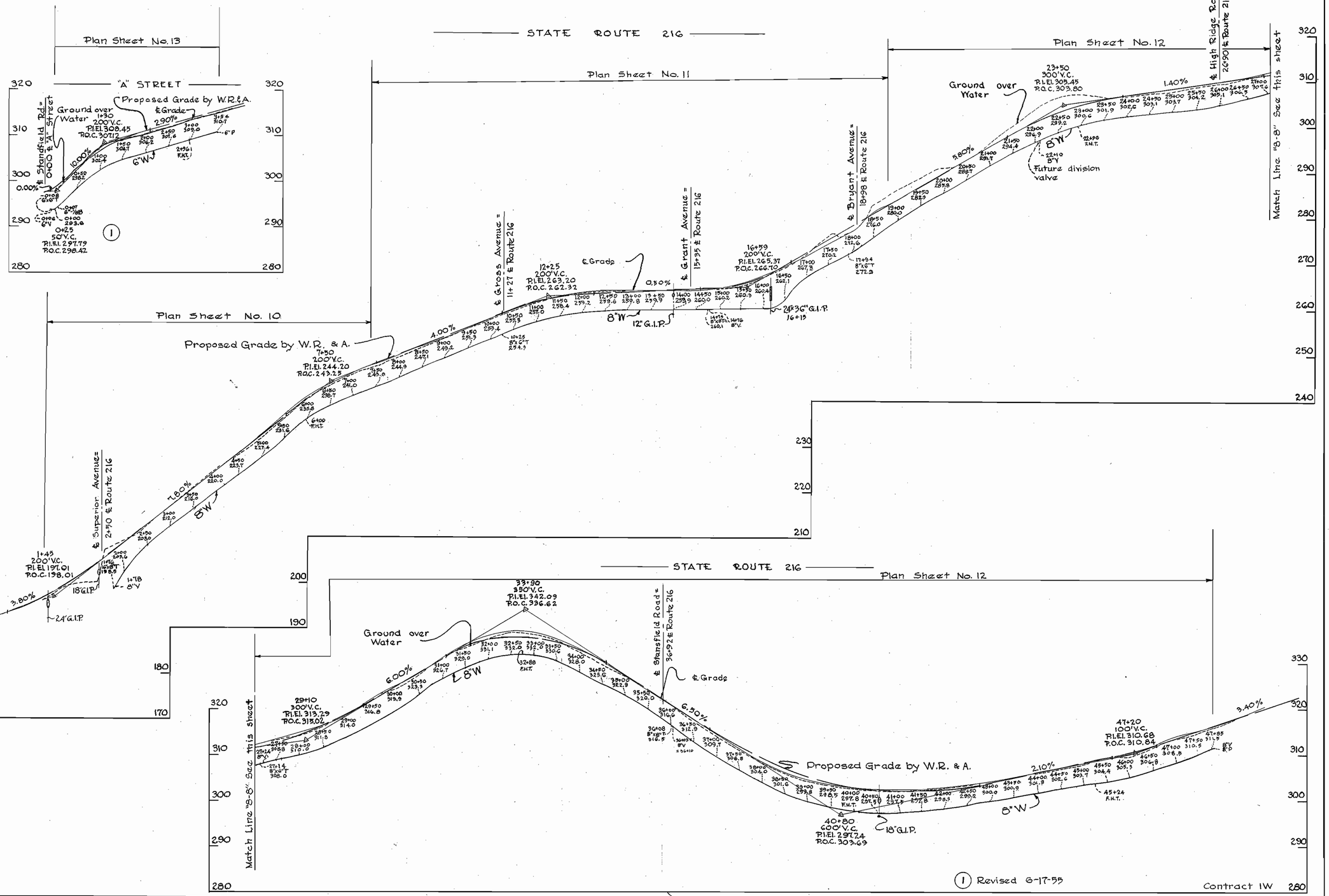
IMPERIAL TRACING CLOTH—D. K. ELLIOTT CO., PGH., PA.



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMM. ENGINEER	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 21 OF 25	SCALE H-1"=100' V-1"=10'

55228
Y

WS 1/21A



(1) Revised 6-17-55

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 12, 1955 DATE CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 22 OF 25	SCALE H-1"=100' V-1"=10'

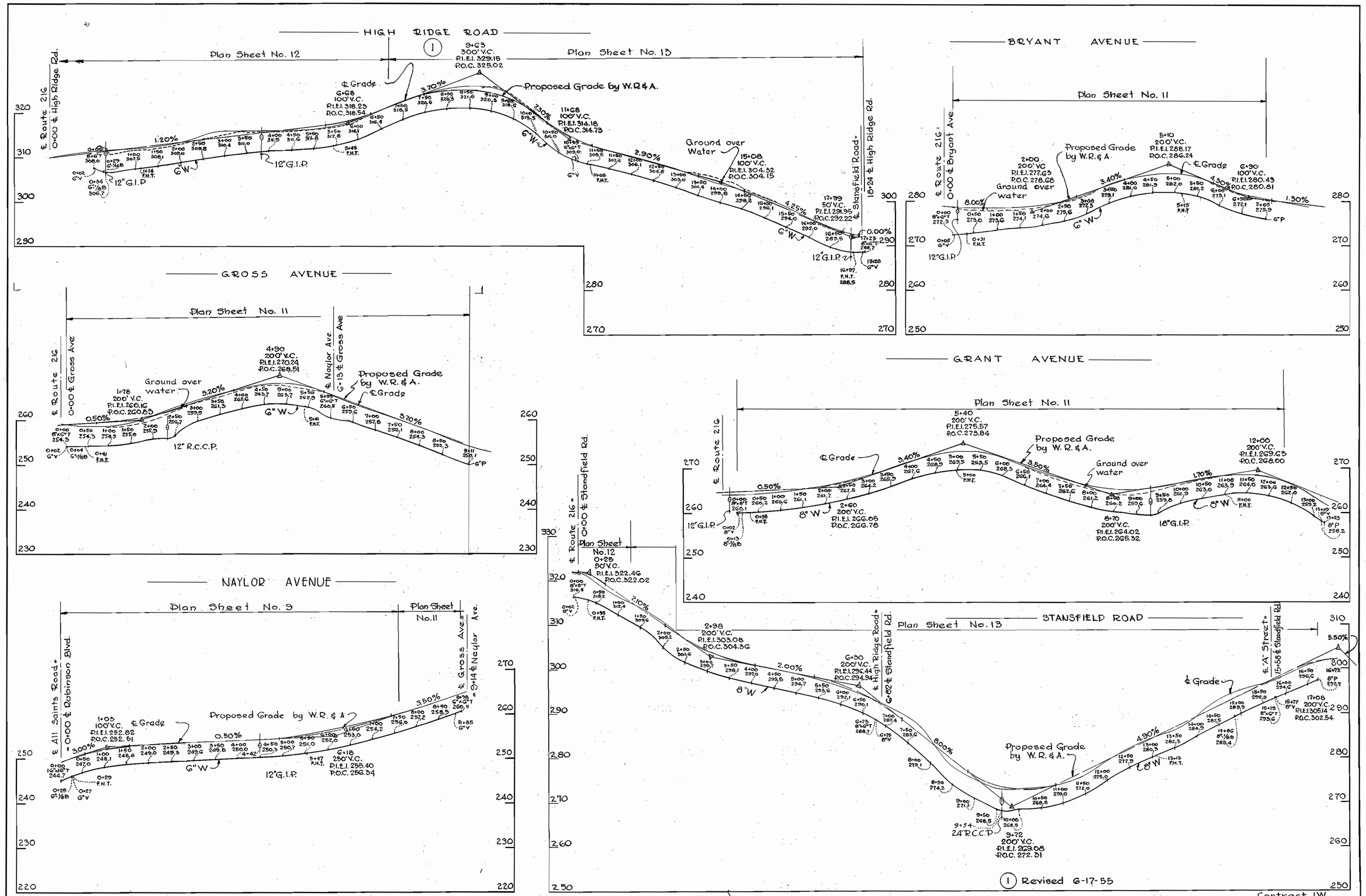
55229 Y

4205-2

AS BUILT

WS 1/22

PERFAIL TRACING CLOTH—D. K. ELLIOTT CO., PGH., PA.



Contract IW

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB - DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry F. Shaw CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 23 OF 25	SCALE H-1"=100' V-1"=10'

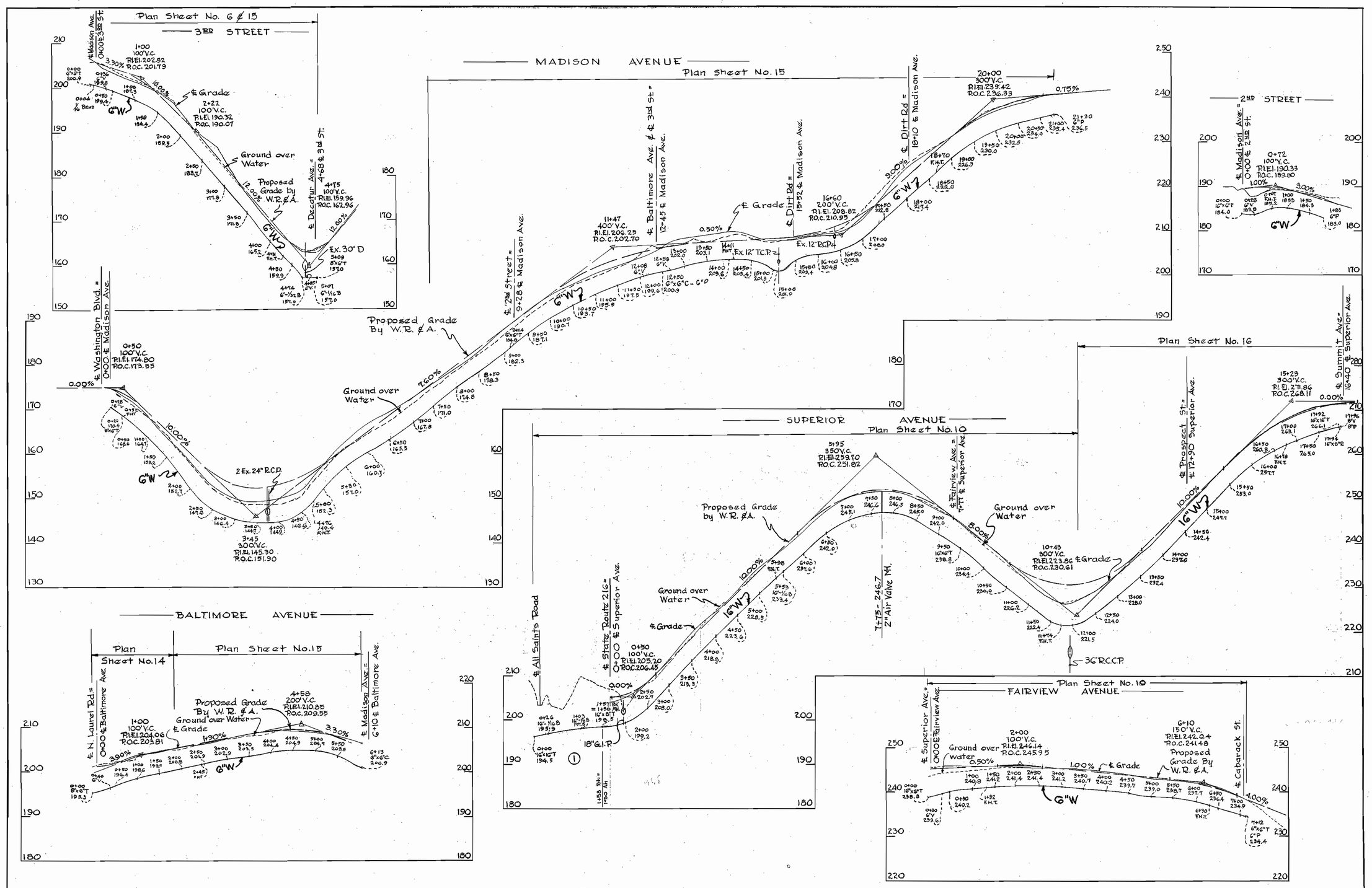
55230 Y

4205-2

AS BUILT

WS 1/23

PERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE — COMMISSIONER	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE — Harry P. Shaw CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 24 OF 25 — SCALE H-1"=100' V-1"=10' — 55231 Y

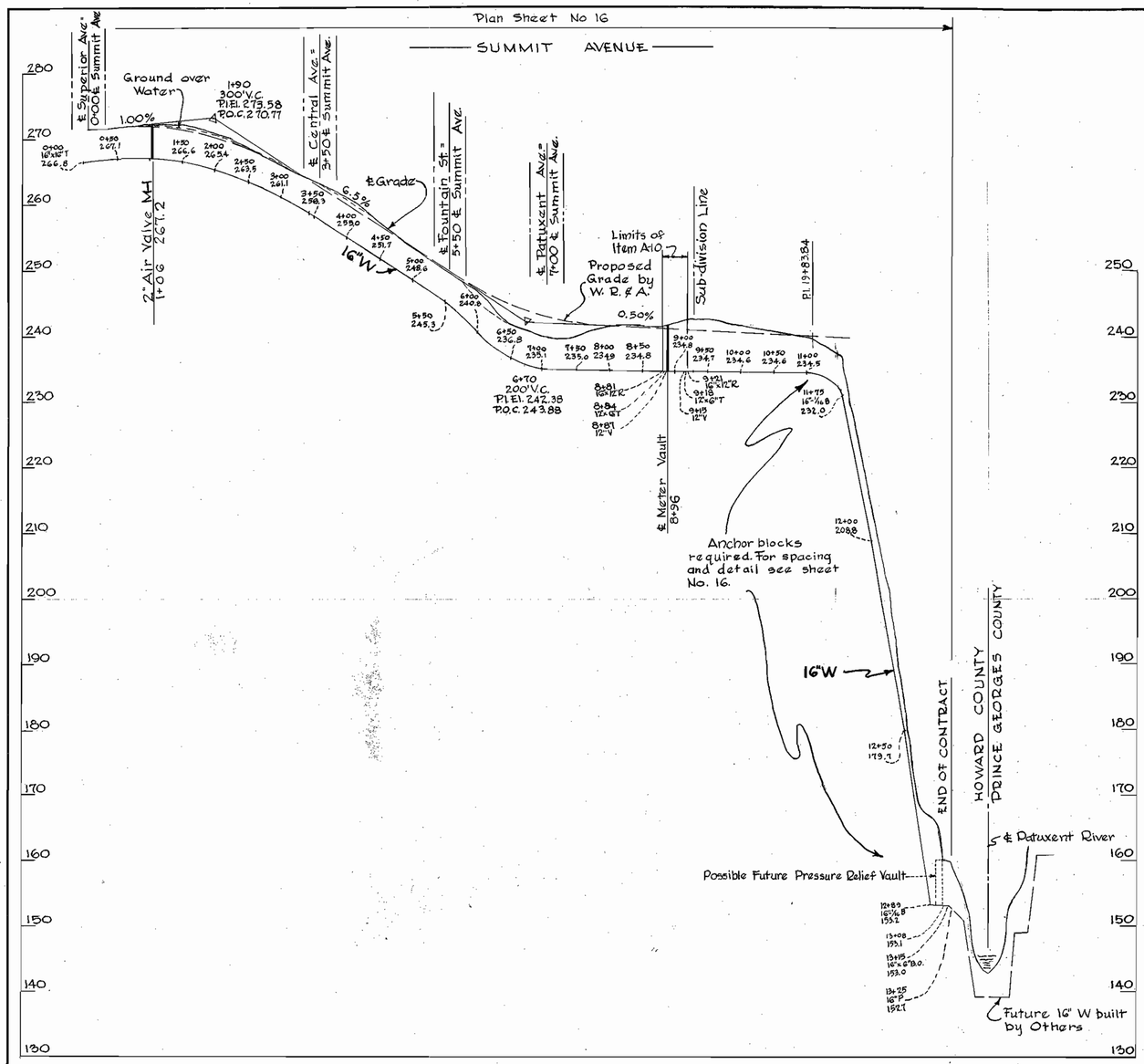
① Revised - June 8, 1955

4205-2

WS 1-24

AS BUILT

IMPERIAL TRACING CLOTH—B. K. ELLIOTT CO., PGH., PA.



① Revised November 15, 1955

Contract 1W

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION PATUXENT SUB-DISTRICT MARYLAND	APPROVED BY HOWARD COUNTY METROPOLITAN COMMISSION March 28, 1955 DATE COMMISSIONERS	APPROVED BY WASHINGTON SUBURBAN SANITARY COMMISSION MARCH 19, 1955 DATE Harry P. Shaw CHIEF ENGINEER	PROFILES OF WATER MAIN EXTENSIONS	DRAWING NO. 25 OF 25	SCALE H-1"=100' V-1"=10'

55232 Y

AS BUILT

W S 1/25

PERMA TRACING CLOTH—K. E. ELLIOTT CO., PGH., PA.