

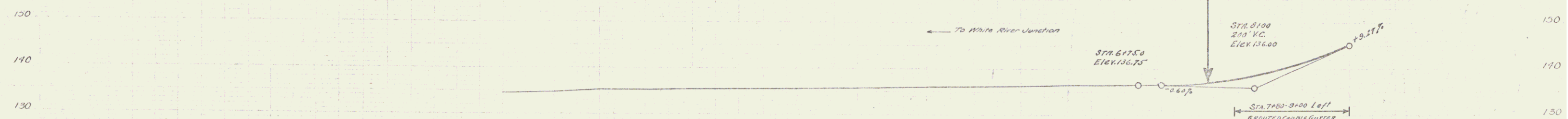
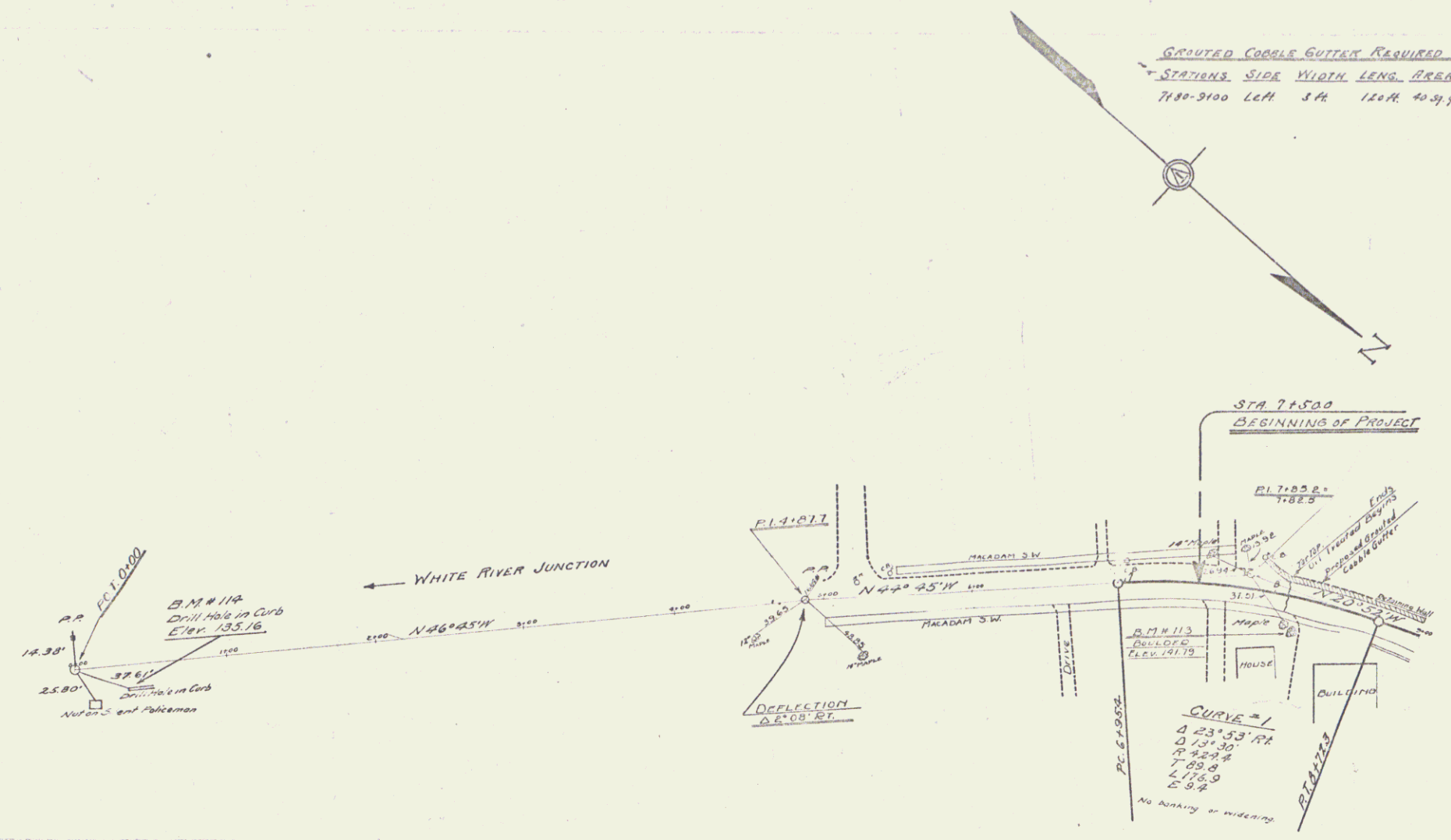


DATE: SEPTEMBER 11, 1958  
DRAWN BY: J. W. BROWN

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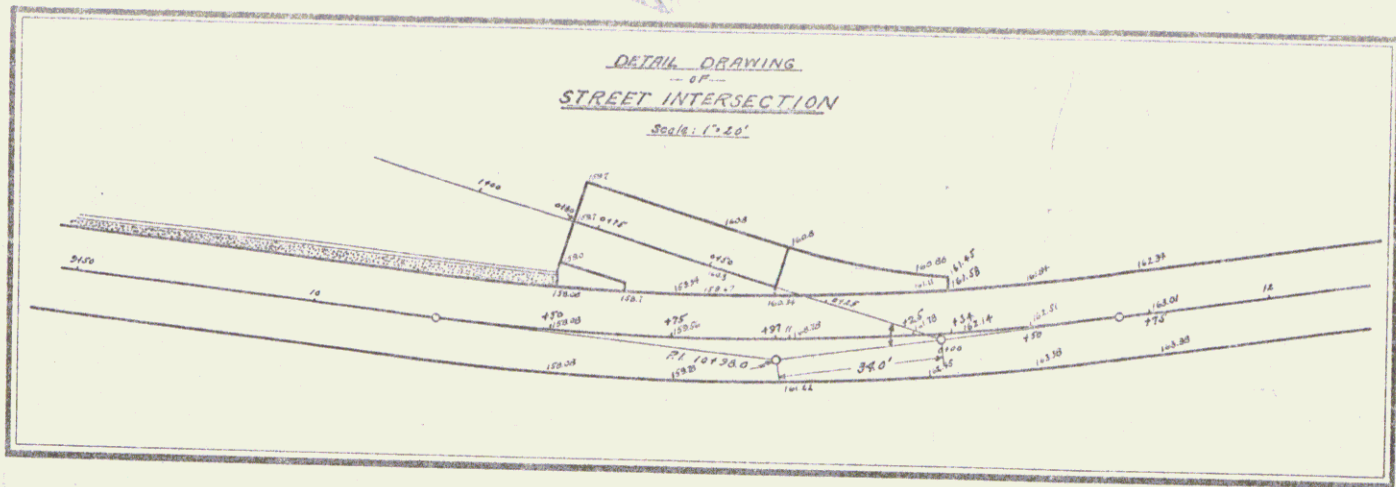
GRADED COBBLE GUTTER REQUIRED  
STATIONS: SIDE WIDTH LENG. AREA  
7180-9100 LHM 5 FT 1200 40-51 yds

77E 1023 4 73



B.M. # 113 BOULDER RIGHT DIA. 8" x 15" ELEV 141.75  
D.T. # 114 Drill Hole in Boulder Curb Right of Sta 0+00 Elev 135.16

SHEET 4 OF 73

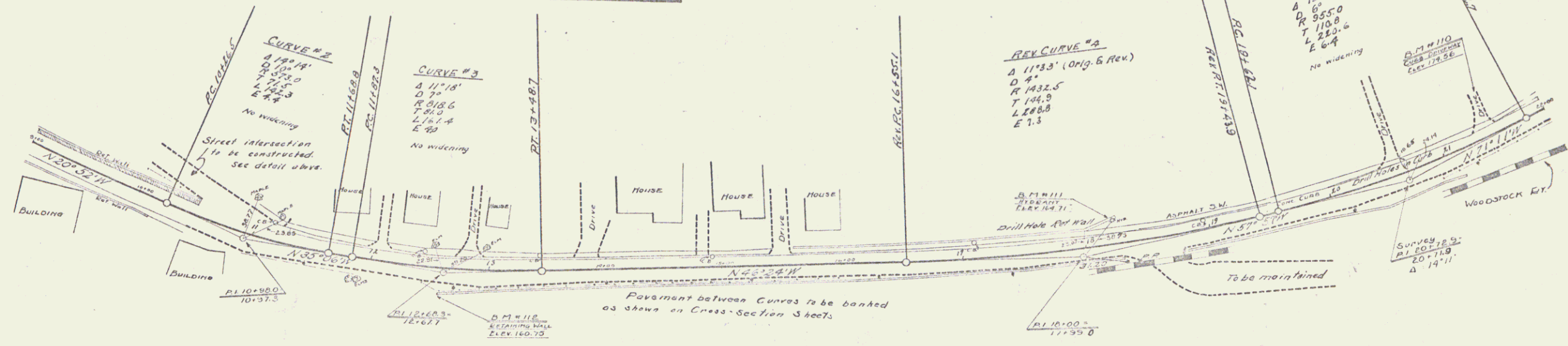


**GRADED COBBLE GUTTER REQUIRED**  
Stations 9140-10140 Left 3.0 M 140 M 47.9 sqds

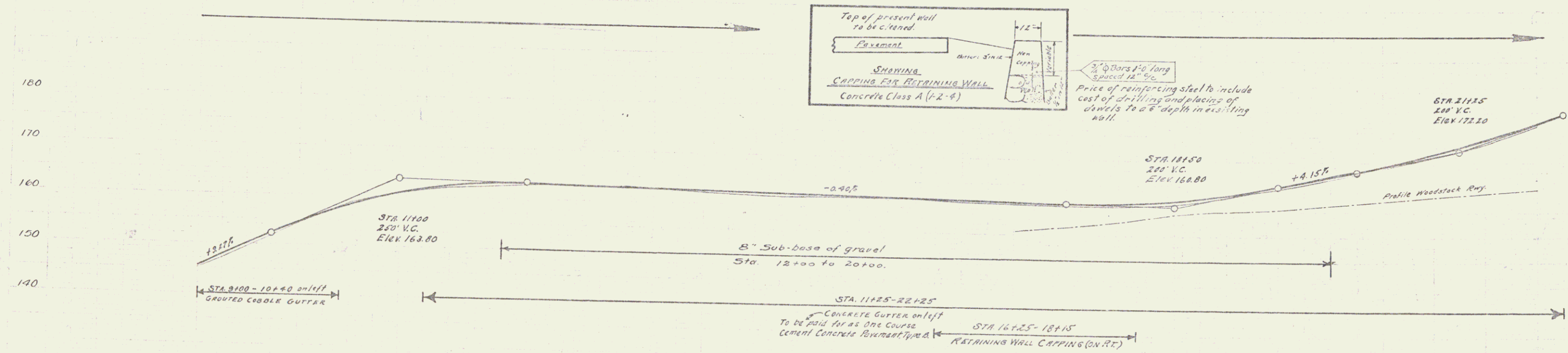
**CONCRETE RETAINING WALL REQUIRED**  
Stations 16125-18115 Height Conc. A  
16125-18115 Ht 1000 M Vanitie Baccuys  
Reinforcing Steel 285'

71-E 1989 S 73

Doc  
STEVENS M.  
A-3-80



Doc  
ALS  
M.L.S.  
A-3-80



122.1	122.7	123.1	123.4	123.7	124.0	124.3	124.6	124.9	125.2	125.5	125.8	126.1	126.4	126.7	127.0	127.3	127.6	127.9	128.2	128.5	128.8	129.1	129.4	129.7	130.0	130.3	130.6	130.9	131.2	131.5	131.8	132.1	132.4	132.7	133.0	133.3	133.6	133.9	134.2	134.5	134.8	135.1	135.4	135.7	136.0	136.3	136.6	136.9	137.2	137.5	137.8	138.1	138.4	138.7	139.0	139.3	139.6	139.9	140.2	140.5	140.8	141.1	141.4	141.7	142.0	142.3	142.6	142.9	143.2	143.5	143.8	144.1	144.4	144.7	145.0	145.3	145.6	145.9	146.2	146.5	146.8	147.1	147.4	147.7	148.0	148.3	148.6	148.9	149.2	149.5	149.8	150.1	150.4	150.7	151.0	151.3	151.6	151.9	152.2	152.5	152.8	153.1	153.4	153.7	154.0	154.3	154.6	154.9	155.2	155.5	155.8	156.1	156.4	156.7	157.0	157.3	157.6	157.9	158.2	158.5	158.8	159.1	159.4	159.7	160.0	160.3	160.6	160.9	161.2	161.5	161.8	162.1	162.4	162.7	163.0	163.3	163.6	163.9	164.2	164.5	164.8	165.1	165.4	165.7	166.0	166.3	166.6	166.9	167.2	167.5	167.8	168.1	168.4	168.7	169.0	169.3	169.6	169.9	170.2	170.5	170.8	171.1	171.4	171.7	172.0	172.3	172.6	172.9	173.2	173.5	173.8	174.1	174.4	174.7	175.0	175.3	175.6	175.9	176.2	176.5	176.8	177.1	177.4	177.7	178.0	178.3	178.6	178.9	179.2	179.5	179.8	180.1	180.4	180.7	181.0	181.3	181.6	181.9	182.2	182.5	182.8	183.1	183.4	183.7	184.0	184.3	184.6	184.9	185.2	185.5	185.8	186.1	186.4	186.7	187.0	187.3	187.6	187.9	188.2	188.5	188.8	189.1	189.4	189.7	190.0	190.3	190.6	190.9	191.2	191.5	191.8	192.1	192.4	192.7	193.0	193.3	193.6	193.9	194.2	194.5	194.8	195.1	195.4	195.7	196.0	196.3	196.6	196.9	197.2	197.5	197.8	198.1	198.4	198.7	199.0	199.3	199.6	199.9	200.2	200.5	200.8	201.1	201.4	201.7	202.0	202.3	202.6	202.9	203.2	203.5	203.8	204.1	204.4	204.7	205.0	205.3	205.6	205.9	206.2	206.5	206.8	207.1	207.4	207.7	208.0	208.3	208.6	208.9	209.2	209.5	209.8	210.1	210.4	210.7	211.0	211.3	211.6	211.9	212.2	212.5	212.8	213.1	213.4	213.7	214.0	214.3	214.6	214.9	215.2	215.5	215.8	216.1	216.4	216.7	217.0	217.3	217.6	217.9	218.2	218.5	218.8	219.1	219.4	219.7	220.0	220.3	220.6	220.9	221.2	221.5	221.8	222.1	222.4	222.7	223.0	223.3	223.6	223.9	224.2	224.5	224.8	225.1	225.4	225.7	226.0	226.3	226.6	226.9	227.2	227.5	227.8	228.1	228.4	228.7	229.0	229.3	229.6	229.9	230.2	230.5	230.8	231.1	231.4	231.7	232.0	232.3	232.6	232.9	233.2	233.5	233.8	234.1	234.4	234.7	235.0	235.3	235.6	235.9	236.2	236.5	236.8	237.1	237.4	237.7	238.0	238.3	238.6	238.9	239.2	239.5	239.8	240.1	240.4	240.7	241.0	241.3	241.6	241.9	242.2	242.5	242.8	243.1	243.4	243.7	244.0	244.3	244.6	244.9	245.2	245.5	245.8	246.1	246.4	246.7	247.0	247.3	247.6	247.9	248.2	248.5	248.8	249.1	249.4	249.7	250.0	250.3	250.6	250.9	251.2	251.5	251.8	252.1	252.4	252.7	253.0	253.3	253.6	253.9	254.2	254.5	254.8	255.1	255.4	255.7	256.0	256.3	256.6	256.9	257.2	257.5	257.8	258.1	258.4	258.7	259.0	259.3	259.6	259.9	260.2	260.5	260.8	261.1	261.4	261.7	262.0	262.3	262.6	262.9	263.2	263.5	263.8	264.1	264.4	264.7	265.0	265.3	265.6	265.9	266.2	266.5	266.8	267.1	267.4	267.7	268.0	268.3	268.6	268.9	269.2	269.5	269.8	270.1	270.4	270.7	271.0	271.3	271.6	271.9	272.2	272.5	272.8	273.1	273.4	273.7	274.0	274.3	274.6	274.9	275.2	275.5	275.8	276.1	276.4	276.7	277.0	277.3	277.6	277.9	278.2	278.5	278.8	279.1	279.4	279.7	280.0	280.3	280.6	280.9	281.2	281.5	281.8	282.1	282.4	282.7	283.0	283.3	283.6	283.9	284.2	284.5	284.8	285.1	285.4	285.7	286.0	286.3	286.6	286.9	287.2	287.5	287.8	288.1	288.4	288.7	289.0	289.3	289.6	289.9	290.2	290.5	290.8	291.1	291.4	291.7	292.0	292.3	292.6	292.9	293.2	293.5	293.8	294.1	294.4	294.7	295.0	295.3	295.6	295.9	296.2	296.5	296.8	297.1	297.4	297.7	298.0	298.3	298.6	298.9	299.2	299.5	299.8	300.1	300.4	300.7	301.0	301.3	301.6	301.9	302.2	302.5	302.8	303.1	303.4	303.7	304.0	304.3	304.6	304.9	305.2	305.5	305.8	306.1	306.4	306.7	307.0	307.3	307.6	307.9	308.2	308.5	308.8	309.1	309.4	309.7	310.0	310.3	310.6	310.9	311.2	311.5	311.8	312.1	312.4	312.7	313.0	313.3	313.6	313.9	314.2	314.5	314.8	315.1	315.4	315.7	316.0	316.3	316.6	316.9	317.2	317.5	317.8	318.1	318.4	318.7	319.0	319.3	319.6	319.9	320.2	320.5	320.8	321.1	321.4	321.7	322.0	322.3	322.6	322.9	323.2	323.5	323.8	324.1	324.4	324.7	325.0	325.3	325.6	325.9	326.2	326.5	326.8	327.1	327.4	327.7	328.0	328.3	328.6	328.9	329.2	329.5	329.8	330.1	330.4	330.7	331.0	331.3	331.6	331.9	332.2	332.5	332.8	333.1	333.4	333.7	334.0	334.3	334.6	334.9	335.2	335.5	335.8	336.1	336.4	336.7	337.0	337.3	337.6	337.9	338.2	338.5	338.8	339.1	339.4	339.7	340.0	340.3	340.6	340.9	341.2	341.5	341.8	342.1	342.4	342.7	343.0	343.3	343.6	343.9	344.2	344.5	344.8	345.1	345.4	345.7	346.0	346.3	346.6	346.9	347.2	347.5	347.8	348.1	348.4	348.7	349.0	349.3	349.6	349.9	350.2	350.5	350.8	351.1	351.4	351.7	352.0	352.3	352.6	352.9	353.2	353.5	353.8	354.1	354.4	354.7	355.0	355.3	355.6	355.9	356.2	356.5	356.8	357.1	357.4	357.7	358.0	358.3	358.6	358.9	359.2	359.5	359.8	360.1	360.4	360.7	361.0	361.3	361.6	361.9	362.2	362.5	362.8	363.1	363.4	363.7	364.0	364.3	364.6	364.9	365.2	365.5	365.8	366.1	366.4	366.7	367.0	367.3	367.6	367.9	368.2	368.5	368.8	369.1	369.4	369.7	370.0	370.3	370.6	370.9	371.2	371.5	371.8	372.1	372.4	372.7	373.0	373.3	373.6	373.9	374.2	374.5	374.8	375.1	375.4	375.7	376.0	376.3	376.6	376.9	377.2	377.5	377.8	378.1	378.4	378.7	379.0	379.3	379.6	379.9	380.2	380.5	380.8	381.1	381.4	381.7	382.0	382.3	382.6	382.9	383.2	383.5	383.8	384.1	384.4	384.7	385.0	385.3	385.6	385.9	386.2	386.5	386.8	387.1	387.4	387.7	388.0	388.3	388.6	388.9	389.2	389.5	389.8	390.1	390.4	390.7	391.0	391.3	391.6	391.9	392.2	392.5	392.8	393.1	393.4	393.7	394.0	394.3	394.6	394.9	395.2	395.5	395.8	396.1	396.4	396.7	397.0	397.3	397.6	397.9	398.2	398.5	398.8	399.1	399.4	399.7	400.0	400.3	400.6	400.9	401.2	401.5	401.8	402.1	402.4	402.7	403.0	403.3	403.6	403.9	404.2	404.5	404.8	405.1	405.4	405.7	406.0	406.3	406.6	406.9	407.2	407.5	407.8	408.1	408.4	408.7	409.0	409.3	409.6	409.9	410.2	410.5	410.8	411.1	411.4	411.7	412.0	412.3	412.6	412.9	413.2	413.5	413.8	414.1	414.4	414.7	415.0	415.3	415.6	415.9	416.2	416.5	416.8	417.1	417.4	417.7	418.0	418.3	418.6	418.9	419.2	419.5	419.8	420.1	420.4	420.7	421.0	421.3	421.6	421.9	422.2	422.5	422.8	423.1	423.4	423.7	424.0	424.3	424.6	424.9	425.2	425.5	425.8	426.1	426.4	426.7	427.0	427.3	427.6	427.9	428.2	428.5	428.8	429.1	429.4	429.7	430.0	430.3	430.6	430.9	431.2	431.5	431.8	432.1	432.4	432.7	433.0	433.3	433.6	433.9	434.2	434.5	434.8	435.1	435.4	435.7	436.0	436.3	436.6	436.9	437.2	437.5	437.8	438.1	438.4	438.7	439.0	439.3	439.6	439.9	440.2	440.5	440.8	441.1	441.4	441.7	442.0	442.3	442.6	442.9	443.2	443.5	443.8	444.1	444.4	444.7	445.0	445.3	445.6	445.9	446.2	446.5	446.8	447.1	447.4	447.7	448.0	448.3	448.6	448.9	449.2	449.5	449.8	450.1	450.4	450.7	451.0	451.3	451.6	451.9	452.2	452.5	452.8	453.1	453.4	453.7	454.0	454.3	454.6	454.9	455.2	455.5	455.8	456.1
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WOOD GUARD RAIL REQUIRED

Station	Left	Right
25180-26142	24H	-
27143-27143	24H	-

CONC. GUARD RAIL REQUIRED

Station	Left	Right
22148-22152	-	1048H
31100-32152	152H	-

NEW REIN. CONC. PIPE CULVERTS REQUIRED

Station	Dist.	Size	Class	Steel
26100	18'	36"	-	30cy 35"
27171	18'	48"	-	30cy 35"

NEW REIN. CONC. BOX CULVERTS REQUIRED

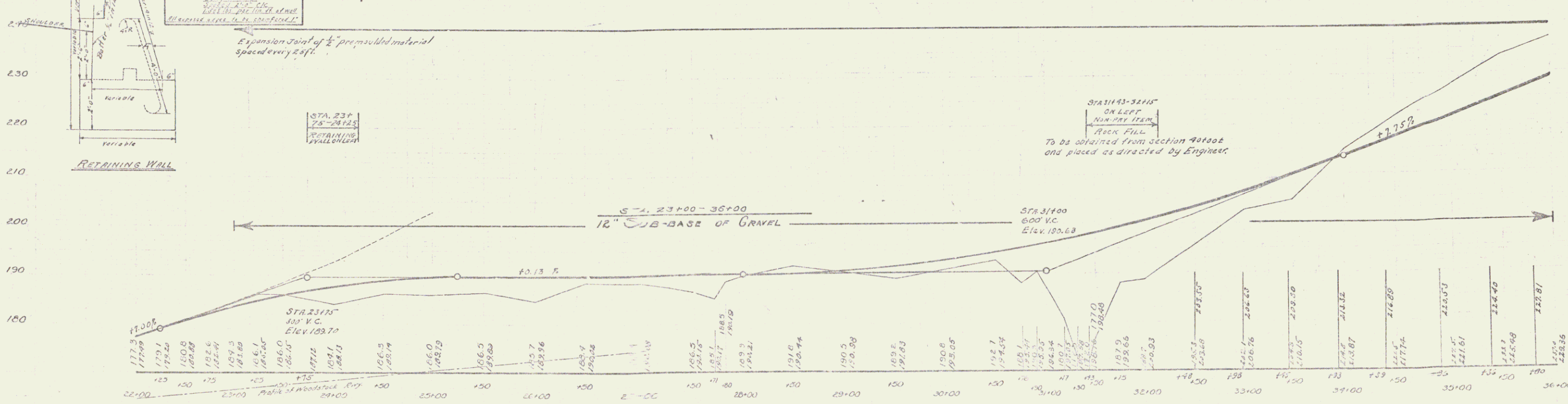
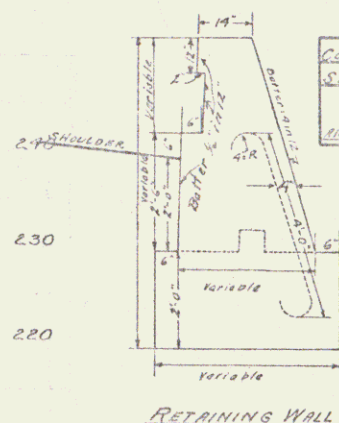
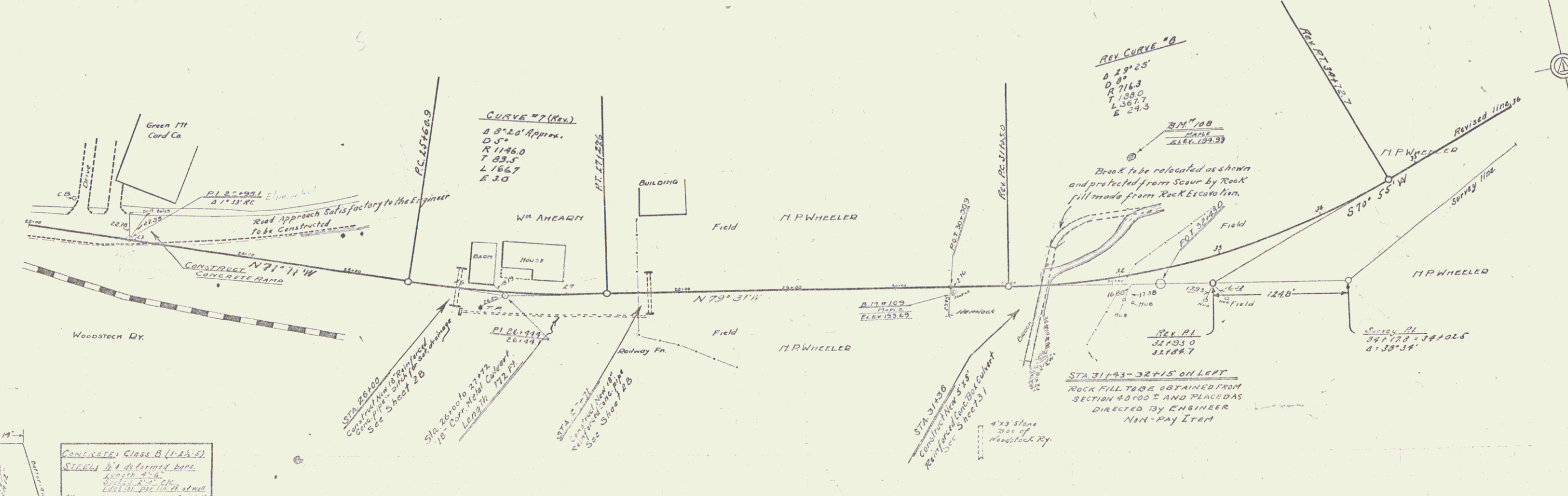
Station	Size	Class	Steel
31156	5X5'	757cy	6876"

REIN. CONC. RETAINING WALL REQUIRED

Station	Left	Right	Class	Steel
21775-21775	50H	300cy	75"	-

Corr. Galv. Metal Pipe Required

Sta.	L+R	Size	Length	Class	Class	Steel
26+00 to 27+72	R.	18"	172	14	15	116



B.M. #108 MAPLE LEFT STA 32+20 ~ ELEV. 193.99  
 B.M. #109 MAPLE RIGHT STA 30+54 ~ ELEV. 193.69

**WOOD GUARD RAIL REQUIRED**

Stations	Left	Right
39104-40100	24 ft	
39102-40106		24 ft
43178-44182	24 ft	24 ft
45155-45179	24 ft	
45175-45199		24 ft
47190-48114		24 ft
49183-50107		24 ft

**CABLE GUARD RAIL REQUIRED**

Stations	Left	Right
47165-51100	375 ft	

**NEW RAINING PIPE SOLUTIONS REQUIRED**

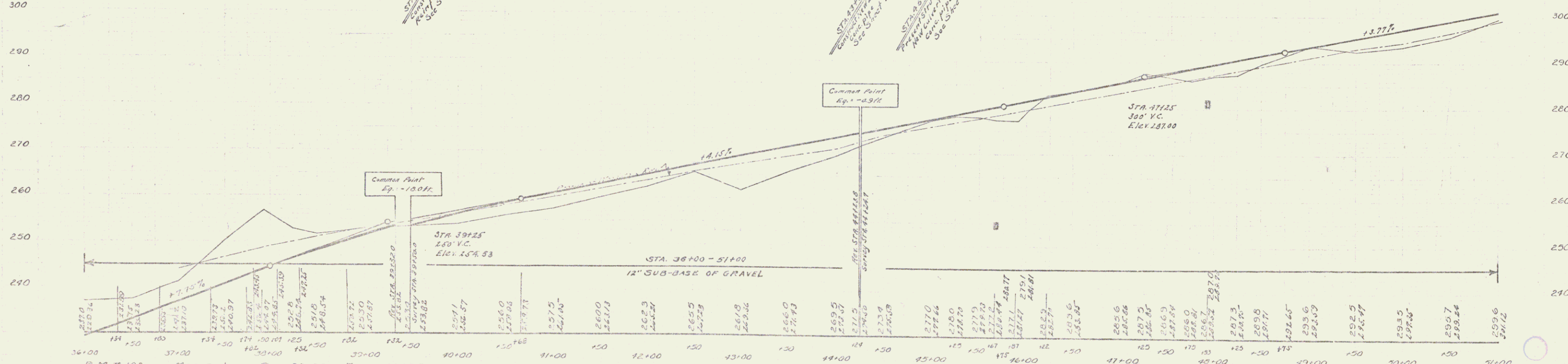
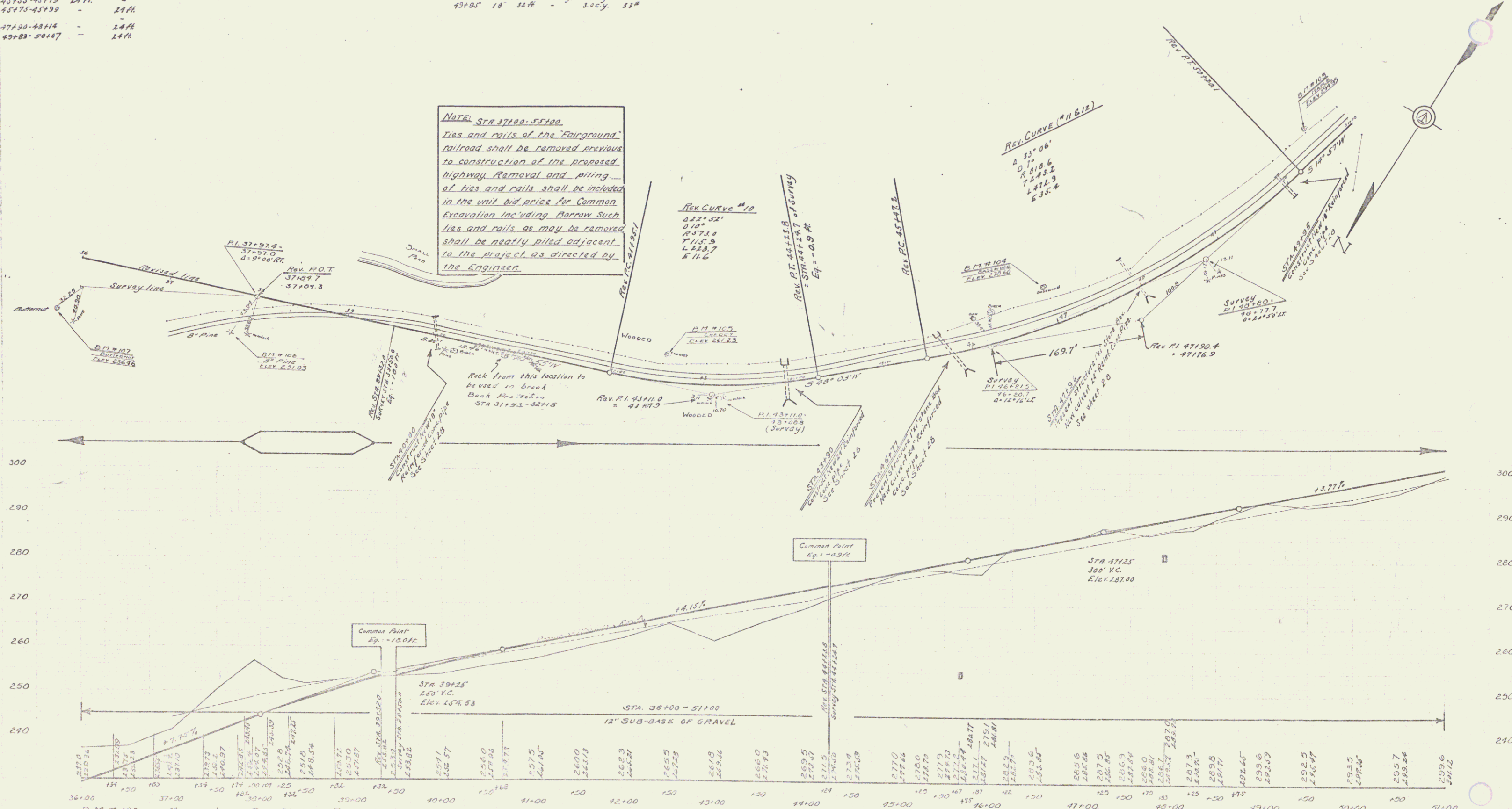
Station	Dist. Key	Conc. D.	Conc. S.
40100	18'	48"	30 cy
45100	24'	48"	1.5 cy
45177	24'	48"	1.5 cy
47196	24'	48"	1.5 cy
49195	18'	36"	30 cy

775 1929 7 73

DRS  
STEVENS & ASSOCIATES

DRS  
M.L.S.

**NOTE: STA 37100-51100**  
Ties and rails of the "Fairground" railroad shall be removed previous to construction of the proposed highway. Removal and piling of ties and rails shall be included in the unit bid price for Common Excavation including Barron. Such ties and rails as may be removed shall be neatly piled adjacent to the project as directed by the Engineer.



BM # 103	MAPLE LEFT STA 30+56 ~ ELEV 294.95
BM # 104	BADWOOD LEFT STA 46+98 ~ ELEV 278.60
BM # 103	CHERRY LEFT STA 42+36 ~ ELEV 261.23
BM # 106	HEMLOCK RIGHT STA 31+13 ~ ELEV 251.03
BM # 107	BUTTERNUT RIGHT STA 35+78 ~ ELEV 236.46

SERIES F 17071E  
SHEET 7 OF 73

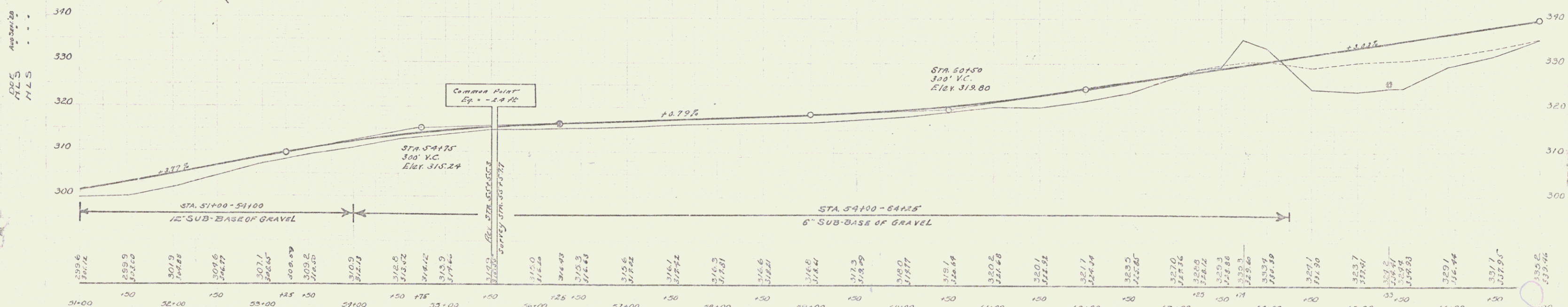
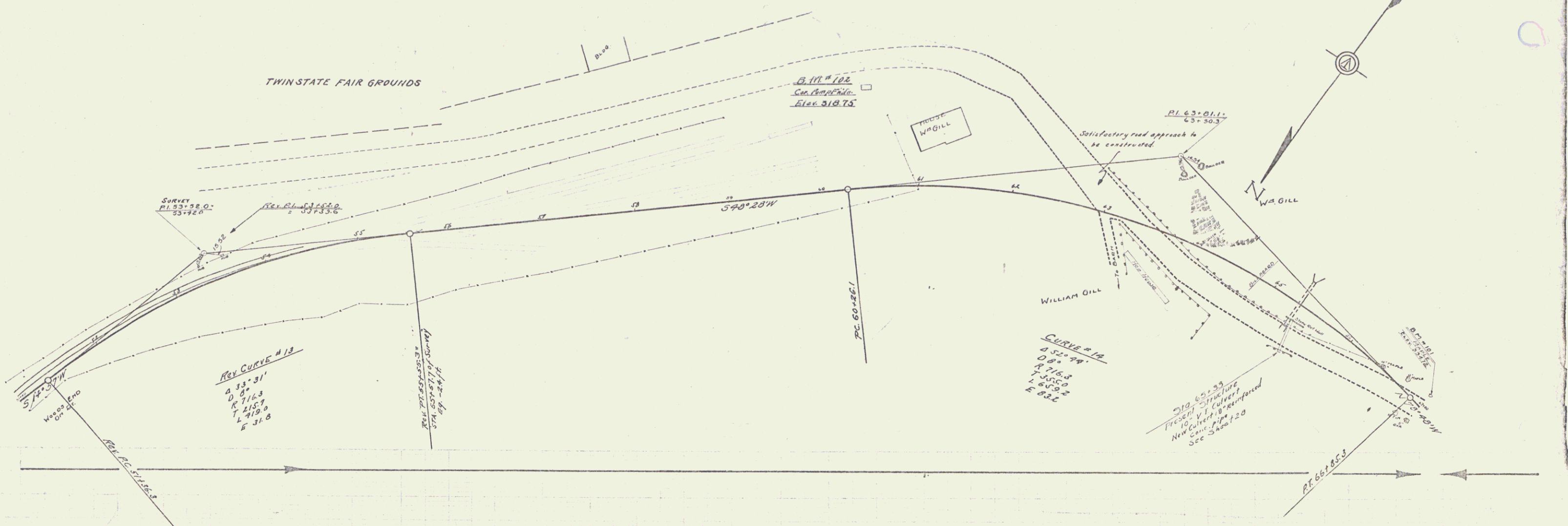
5

WOOD GUARD RAIL REQUIRED  
 Station Left Right  
 65+21-65+46 - 24 FT

CABLE GUARD RAIL REQUIRED  
 Station Left Right  
 51+00-51+21 121 FT  
 64+25-64+49 124 FT

NEW 4" RING CONC. PIPE COLLECTOR REQUIRED  
 Station Left Right  
 51+00-51+21 121 FT  
 64+25-64+49 124 FT

77E 1929 8 73



B.M. #101 MAPLE LEFT STA 66+98 ~ ELEV. 334.12  
 B.M. #102 CORNER GAS PUMP FOUNDATION LEFT STA. 60+50 E. ELEV. 318.75

SERIES F - 11077E  
 SHEET 8 OF 73

6

WOOD GUARD RAIL REQUIRED

Station	Left	Right
7114-7162	48 FT	-
7116-7150	-	24 FT
75138-76122	24 FT	24 FT

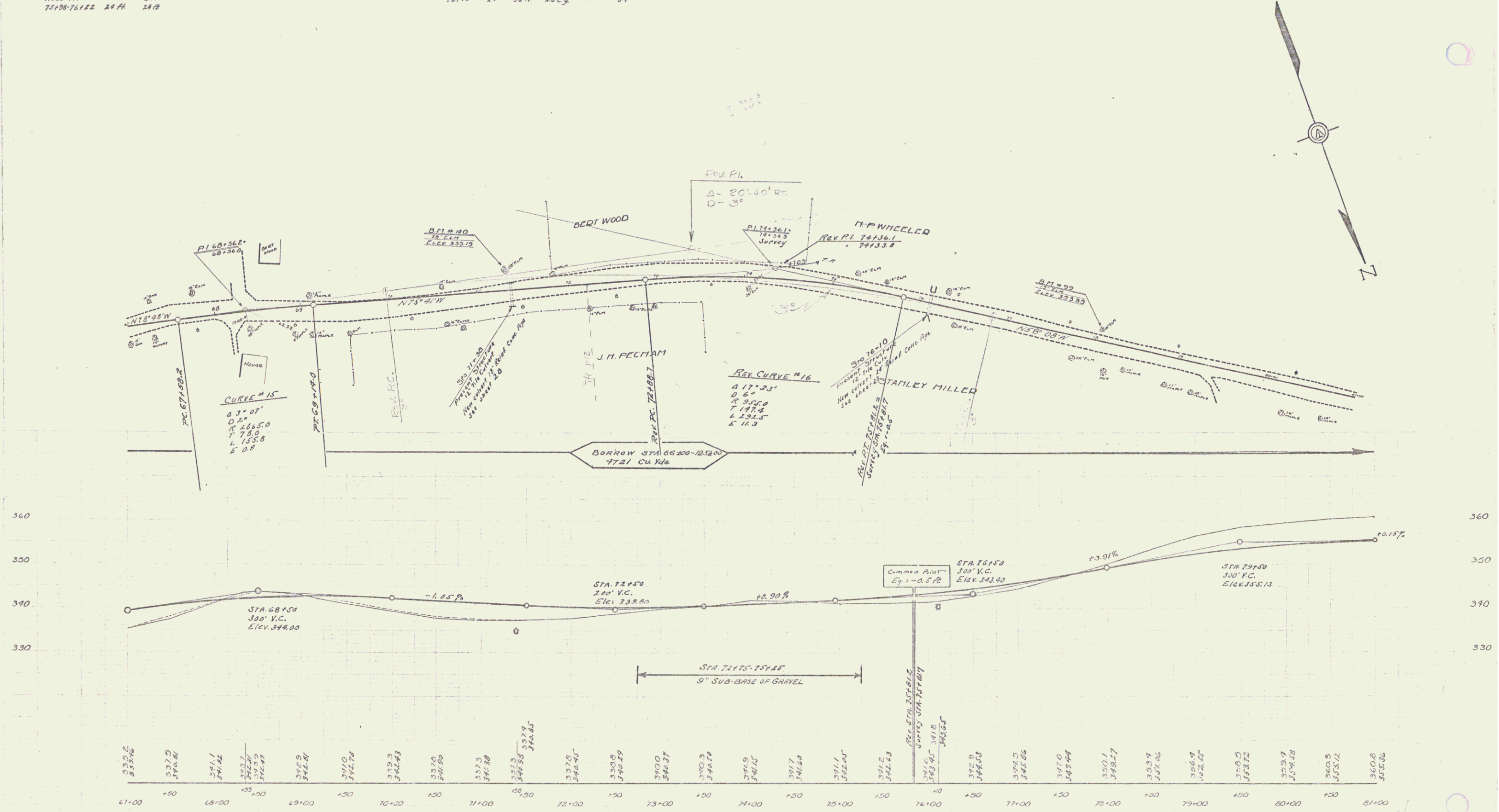
NEW BRINE CONC. P.C.A. CURVES REQUIRED

Station	Dial	Lev.	Conc. A	Conc. B	Steel
71128	18"	40 FT	-	30cy	32"
76110	24"	36 FT	15cy	-	34"

777 1929 9 73

D.W. STEVENS M. 10/20/08

M.L.S. 11/2



BM # 99 15' ELM LEFT STA 78'05" ~ ELEV 353.33  
 BM # 100 25' ELM LEFT STA 71'32" ~ ELEV 335.19

SERIES F 11071E  
 SHEET 9 OF 73



WEEP GUARD PAV. REQUIRED

Station	Left	Right
95+00-96+04	24"	24"
99+23-99+47	24"	24"
104+76-105+04	24"	24"
104+83-105+12	-	24"

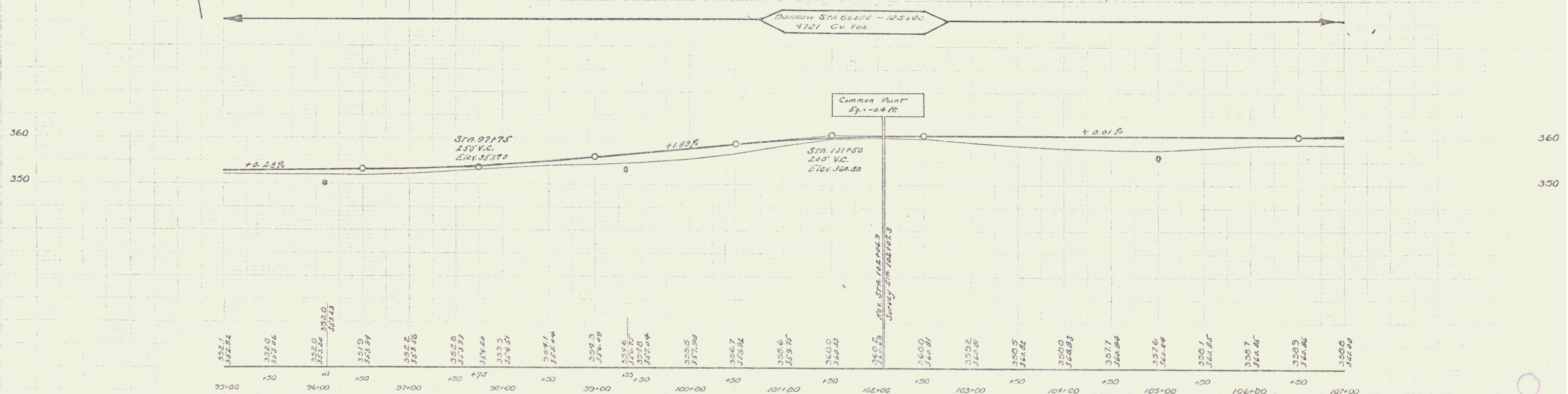
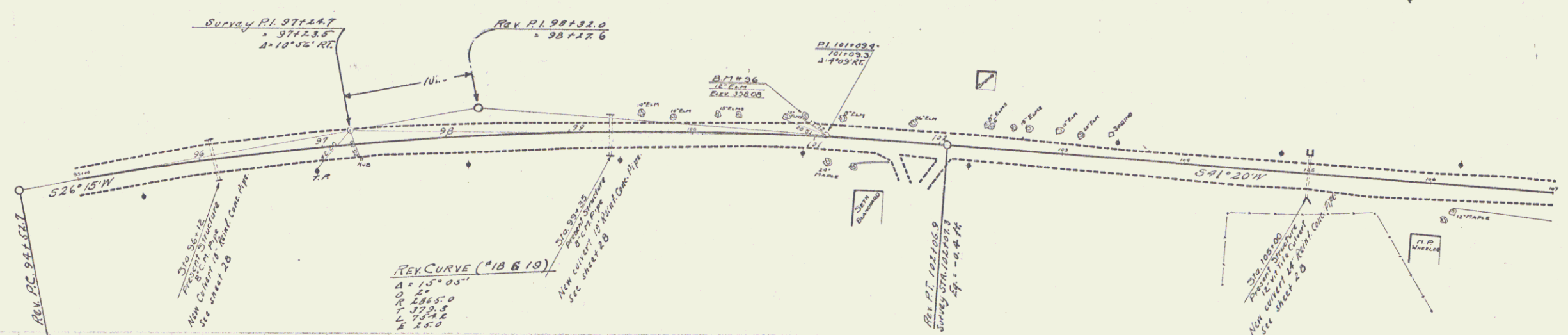
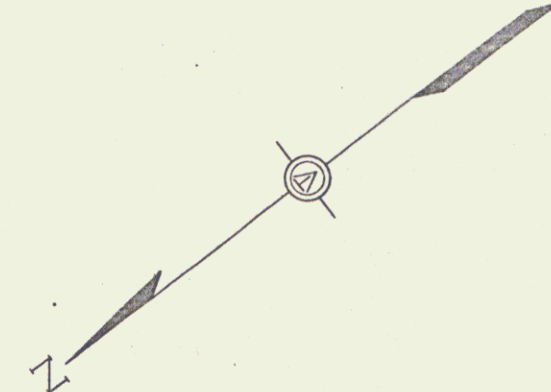
NEW KRYPTON CONCRETE CULVERTS REQUIRED

Station	Depth	Length	Concrete	Steel
96+72	10'	31'	30cy	38"
99+35	15'	35'	30cy	38"
105+00	14'	44'	25cy	34"

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Dwg. No. 200-20  
S. Stevens Pl. - 10-1-20

D.P.E. 11-1-20  
M.L.S.



B.M. # 36 12' ELM LEFT STA 100+32 ELEV 358.05

SERIES F 11077E  
SHEET 11 OF 73



WOOD GUARD RAIL REQUIRED

Station	Left	Right
128107-128131	24 ft	24 ft
128111-128135	24 ft	-

CABLE GUARD RAIL REQUIRED

Station	Left	Right
126100-127102	152 ft	-
136119-136177	-	48 ft

NEW REIN. CONC. PIPE CULVERTS REQUIRED

Station	Width	Depth	Material
128123	18"	32 ft	3.0cy, 33"
134124	18"	32 ft	1.4cy, 33"

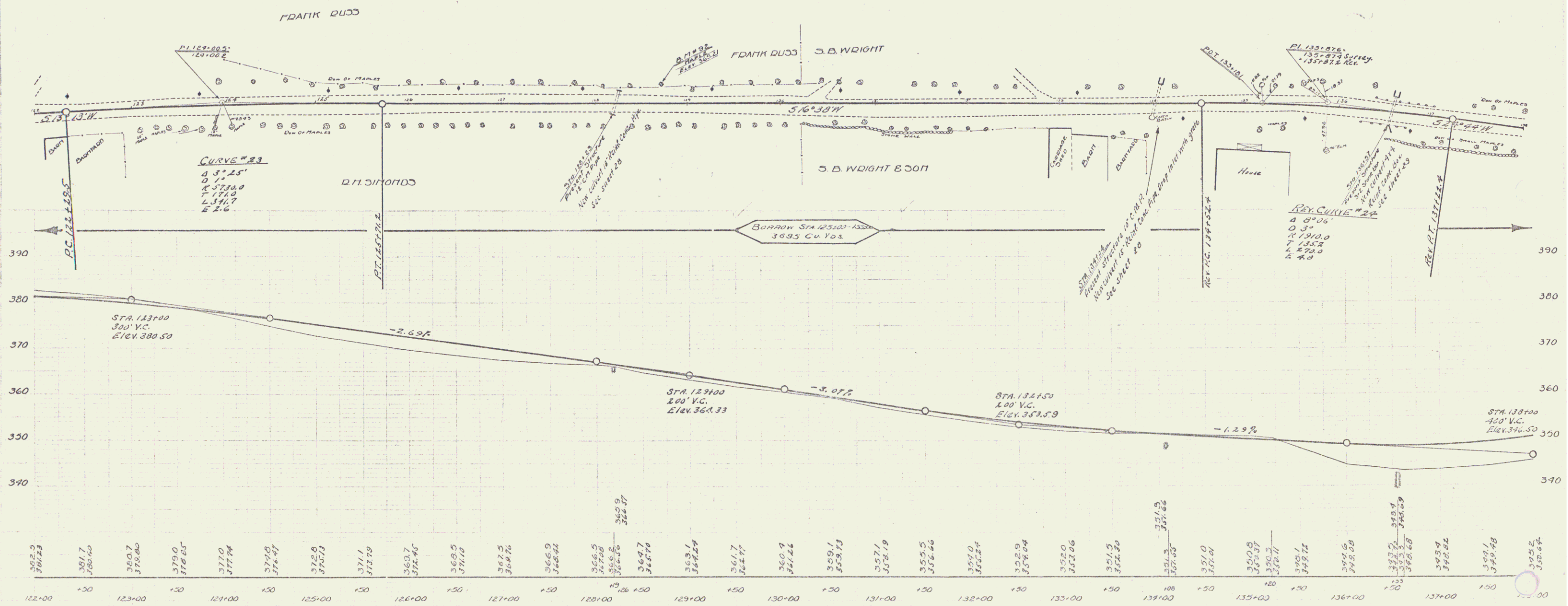
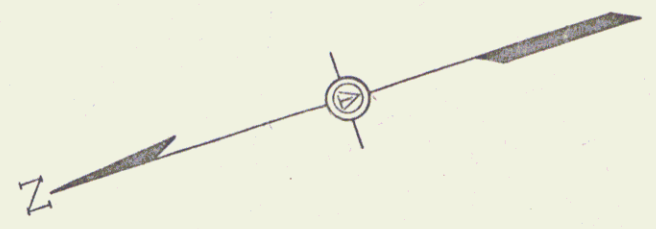
NEW REIN. CONC. BOX CULVERTS REQUIRED

Station	Width	Depth	Material
136153	4'x4'	26.0cy	172 ft

77° 19' 29" 13 7.3

DATE: 11/11/2010

D.P.S. H.L.S. M.L.S.



BM #92 MAPLE LEFT STA. 128+71 ~ ELEV. 365.21

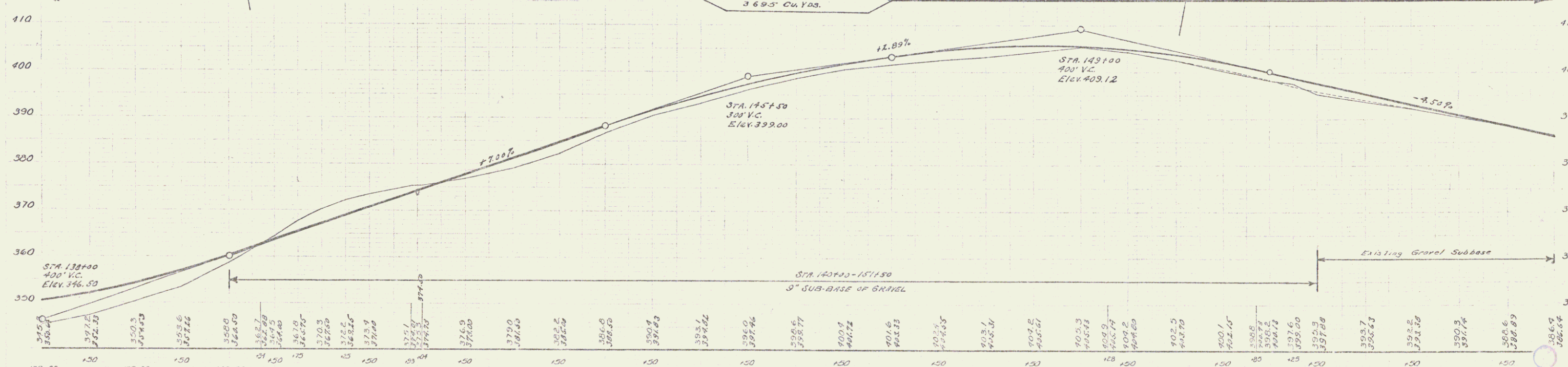
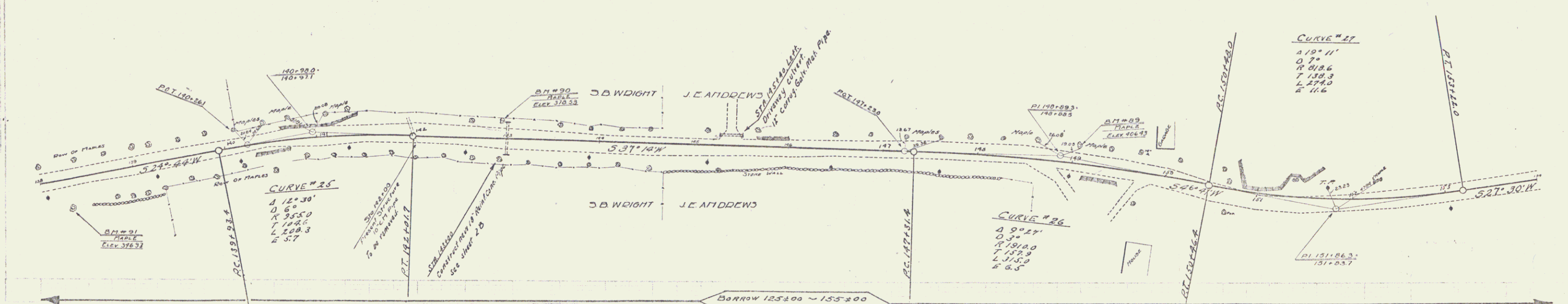
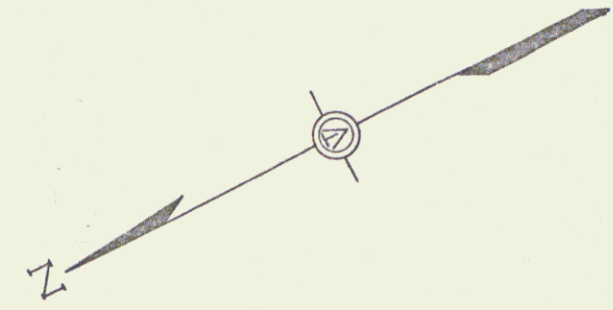
SERIES F HOTEL  
SHEET 3 OF 73

WOOD GUARD RAIL REQUIRED  
 Station Left Right  
 142188-143112 24' 24'

NEW BRINK CUNK PIPE CULVERTS REQUIRED  
 Station Diam LEGS CORR. B. STEEL  
 143100 18" 36" 31cy 33"

NEW DRIVEWAY PIPE CULVERTS REQUIRED  
 CURVES ONLY MAPLE PIPE  
 Station Side Diam LEGS CORR. B. STEEL  
 145140 24" 12" 24' 16 cu yds

275 1929 19 73



B.M. #09 MAPLE LEFT STA. 149+06 ~ ELEV. 406.93  
 B.M. #30 MAPLE LEFT STA. 142+96 ~ ELEV. 318.53  
 B.M. #31 MAPLE RIGHT STA. 138+26 ~ ELEV. 346.31

COPIED FROM NOTE  
 SHEET 73 OF 73

12

WOOD GUARD RAIL REQUIRED

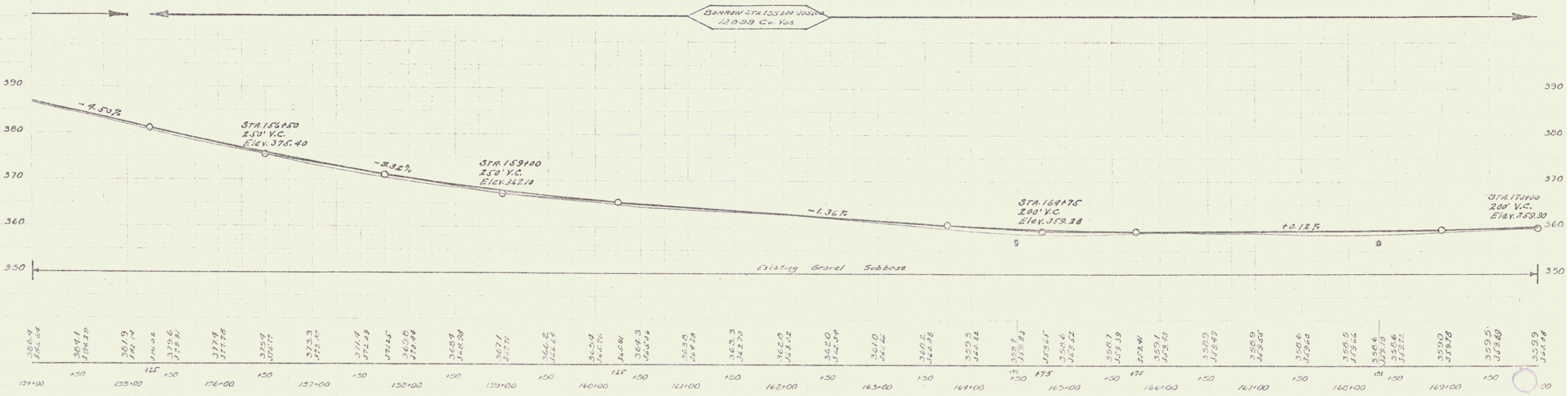
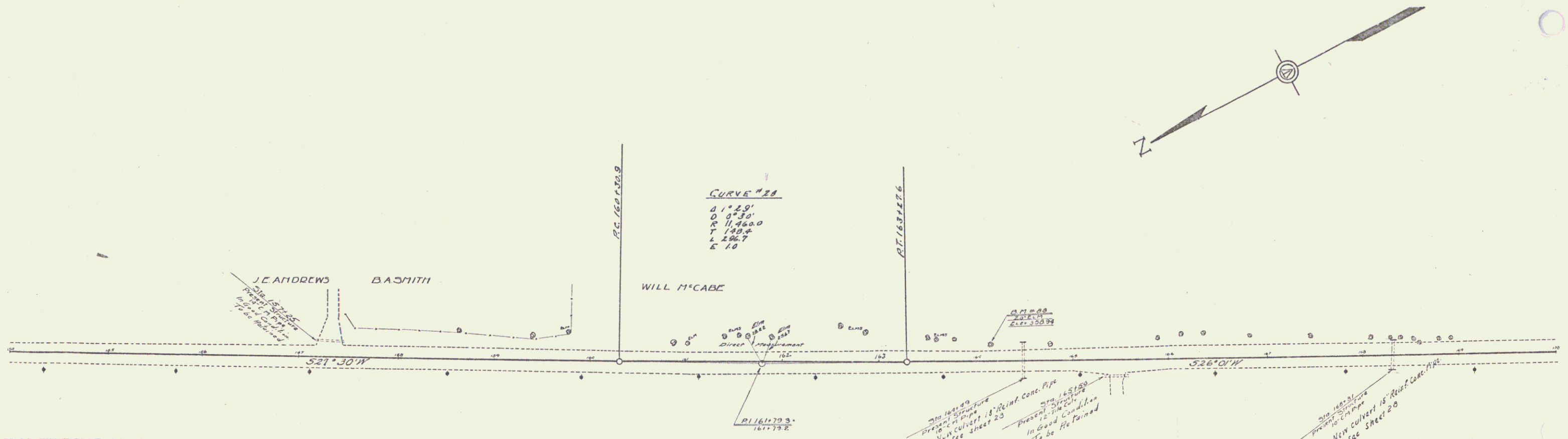
Station	Left	Right
16417-16418	24R	24R
16819-16820	24R	24R

NEW POINT COPE PIPE CURVE DATA REQUIRED

Station	Dim.	Qty.	Conc.	Steel
16419	18"	36R	30CY	33"
16819	18"	32R	28CY	33"

775 1229 15 73

D.C. STEVENSON, Inc. 1973



SERIES F No 17E  
SHEET 73 OF 73

13

WOOD GUARD RAIL REQUIRED  
 Station Left Right  
 17102.1744 24' 24' 17102.1744

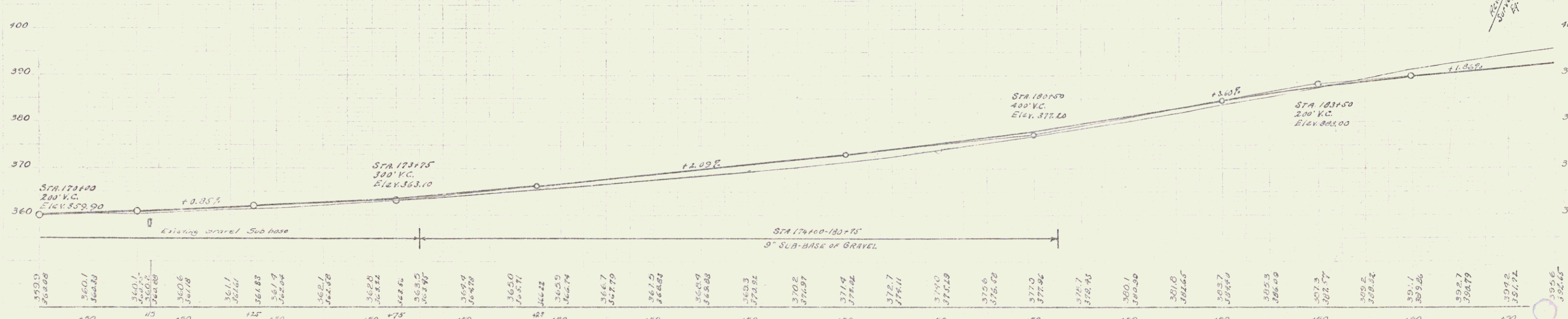
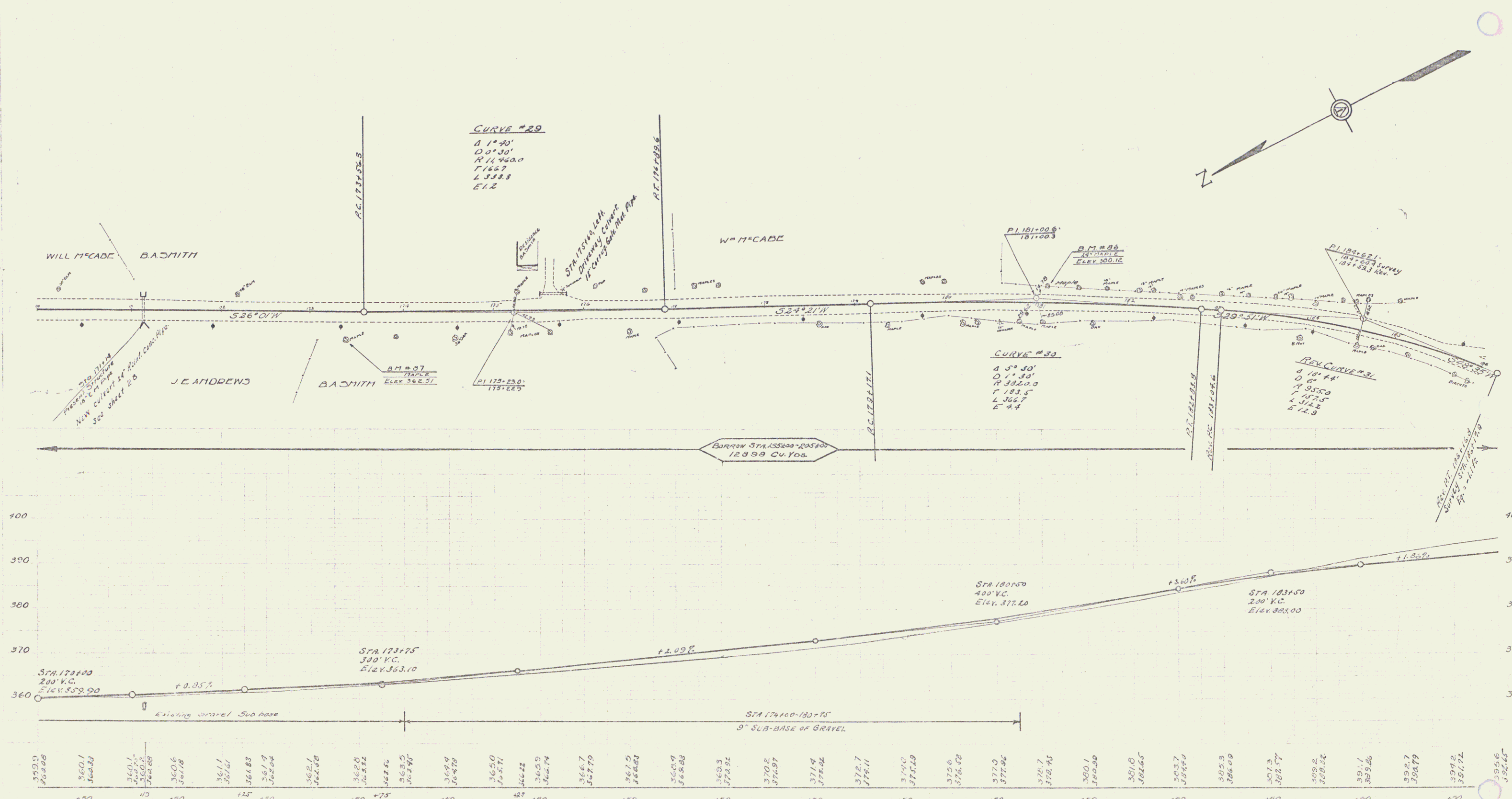
NEW REIN. CONC. PIPE CONCRETS REQUIRED  
 Station 24" 12" 24" 25CY 34"  
 171114 24' 24" 25CY 34"

NEW DRIVEWAY PIPE CONCRETS REQUIRED  
 CORRUG. GALV. METAL PIPE  
 Station 24" 12" 24" 16 CY 16"  
 175160 24' 12" 30ft 16 cyds.

712 1923 16 73

STEVENS 11' 8" 10' 9"

RL'S  
 40' 30" 20' 00"  
 M.L.S.



B/M #86 24" MAPLE LEFT STA 181+11 ~ ELEV 360.12  
 B/M #87 12" MAPLE RIGHT STA 113+37 ~ ELEV 362.51

SERIES F No 77E  
 SHEET 16 OF 73

CABLE GUARD RAIL REQUIRED

Station	Left	Right
188700-190100	-	200 ft.
188715-189121	136 ft.	-
193105-196178	176 ft.	-
194100-194976	-	176 ft.

NEW REIN CONC. PIPE CULVERTS REQUIRED

Sixteen 24" Dia. 15cy. 54"

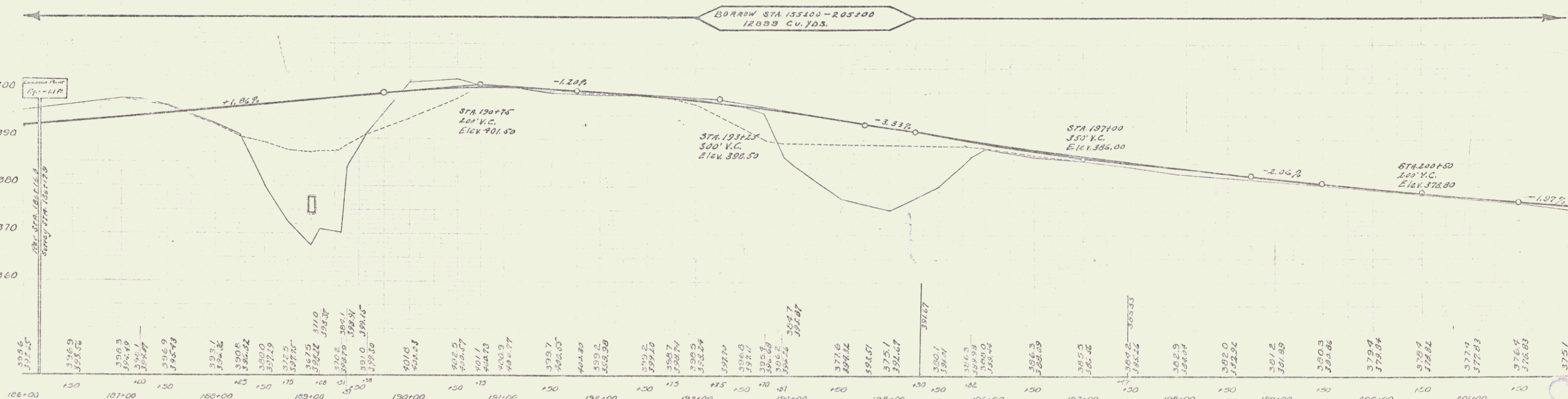
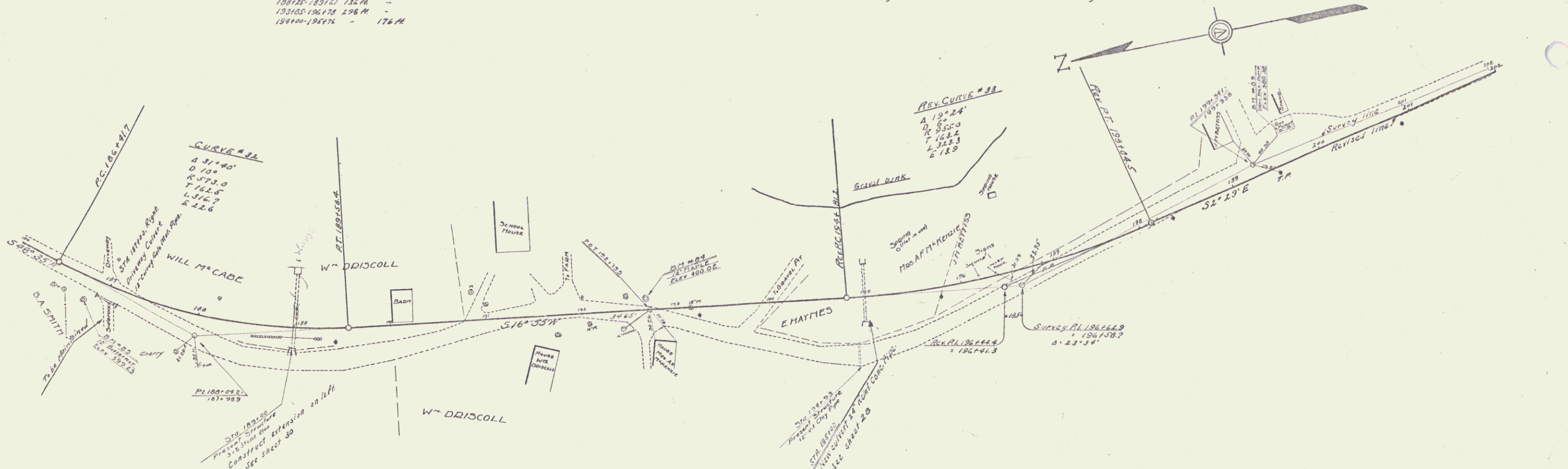
NEW DRIVEWAY PIPE CULVERTS REQUIRED

CONCRETE GUTTER METAL PIPE  
Station Six Dia. 18" Cam. Subble Masonry 14 cu. yds.

BRIDGE CONC. CULVERT REPAIRS REQUIRED

Station Six 5'x6' Box 48cy. 2900'

77E 1923 17 13



BM #83 DOILL HOLE - PUMP LEFT STA 199+76 ~ ELEV 380.38  
 BM #84 MAPLE LEFT STA 192+71 ~ ELEV 400.02  
 BM #85 B. NUT RIGHT STA 186+81 ~ ELEV 399.23

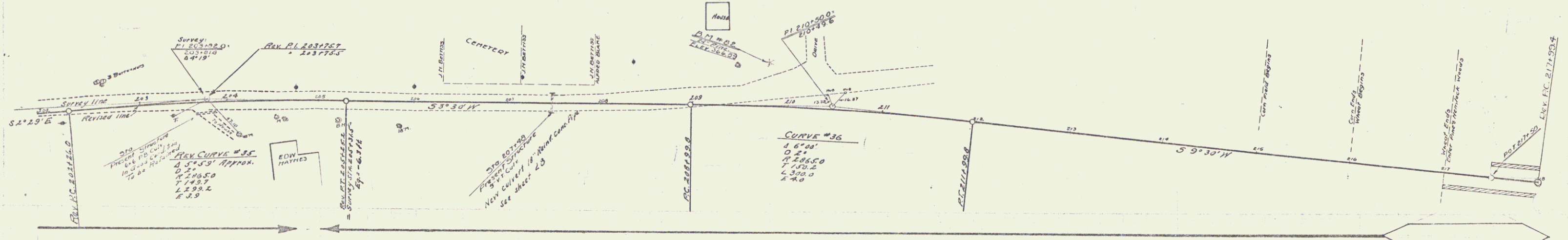
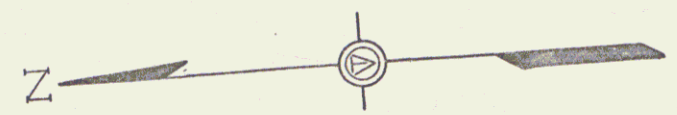
DEWIS F. HOTTIE  
 SHEET 7 OF 73

WOOD GUARD RAIL REQUIRED  
 Station 127136-207160 24" 24"

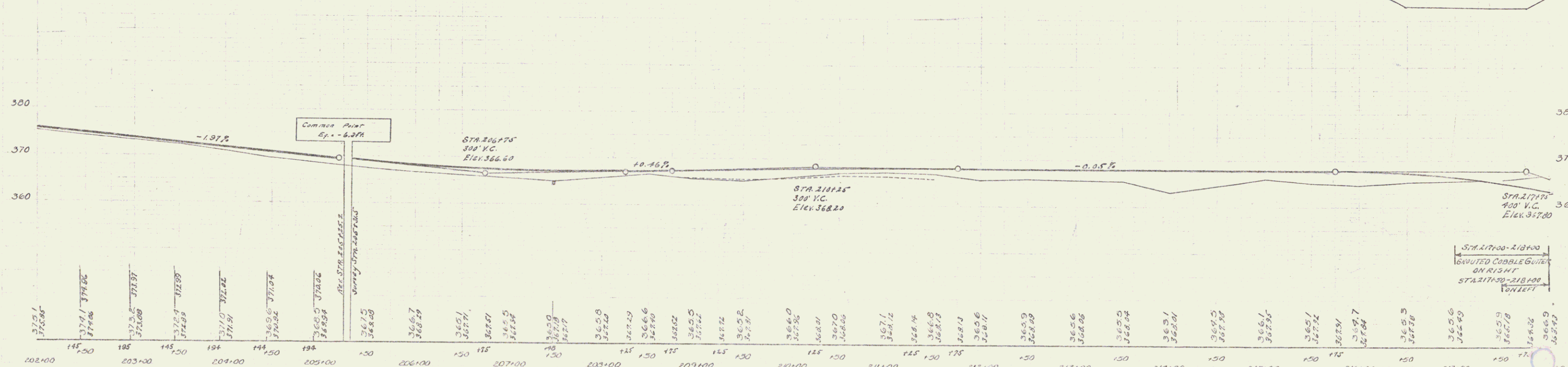
NEW REIN. CONC. P.C. CURB REQUIRED  
 Station 207148 18" 32" S.C.Y. 33"

GRADED COBBLE GUTTER REQUIRED  
 Station 21700-21800 17' 100' 44.73 yds 4' 8"  
 21700-21800 21' 50' 111' 7' 7"  
 For Design See Sheet 2

77E 1929 10 73



RLS  
 H.S.



BM # 62 24" PINE, LEFT STA. 209180 ~ ELEV. 366.59

DESIGNED BY No. 77E  
 SHEET 10 OF 73

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WOOD GUARD RAIL REQUIRED

Station	Left	Right
121183-121907	24ft	
121183-121917		24ft
121130-121114		24ft
121130-121154	14ft	

NEW RAINING CONC. PIPE CULVERTS REQUIRED

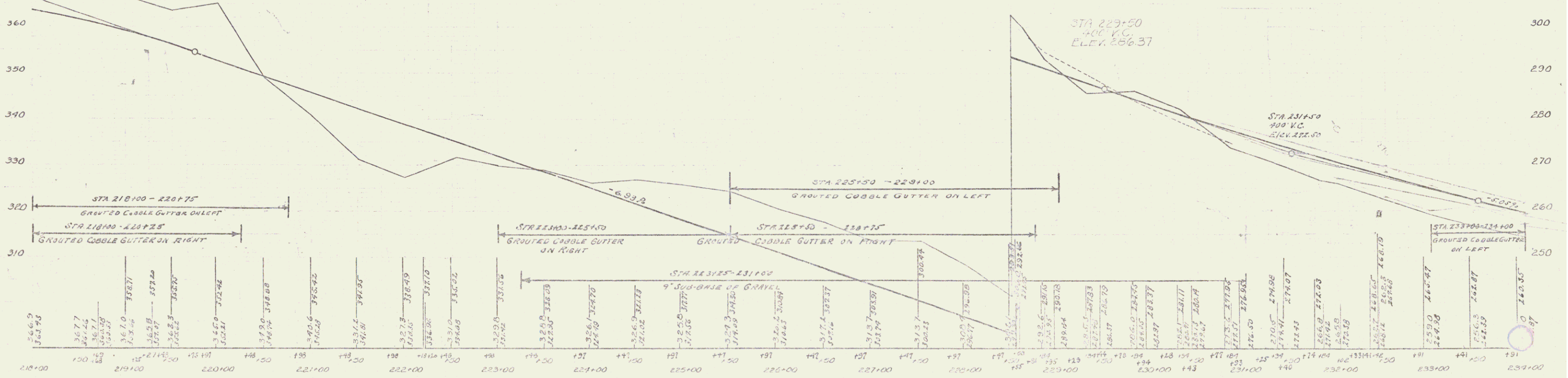
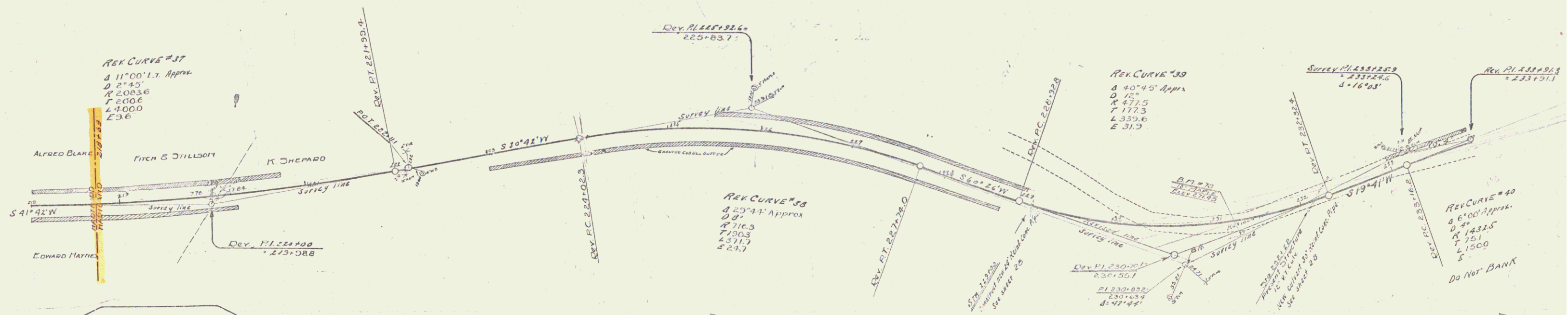
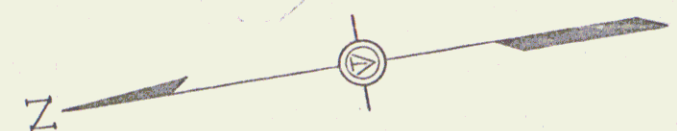
Station	Diam	Len	Conc	Steel
122100	14"	36ft	16CY	54"
132122	30"	16ft	3.5CY	58"

GROUTED COBBLE GUTTER REQUIRED

Station	Len	Area	Width
118100-121128	28ft	1111 sq ft	4 FT
118100-121128	LA	175 ft	4 FT
121100-121128	RL	150 ft	4 FT
121100-121100	LA	350 ft	4 FT
121100-121100	LA	100 ft	4 FT

For Design See Sheet 2

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BM #78 10" MAPLE RIGHT STA 231137 ELEV. 211.95

SERIES F No 77E SHEET 19 OF 73

Station	Left	Right
24110-24117	24K	24K
24118-24122	24K	-

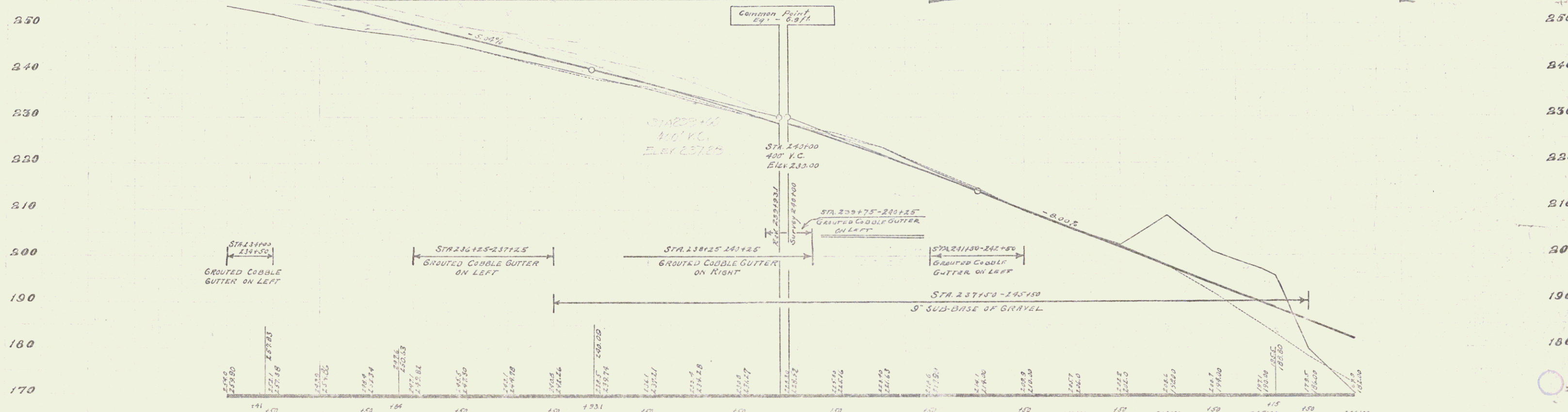
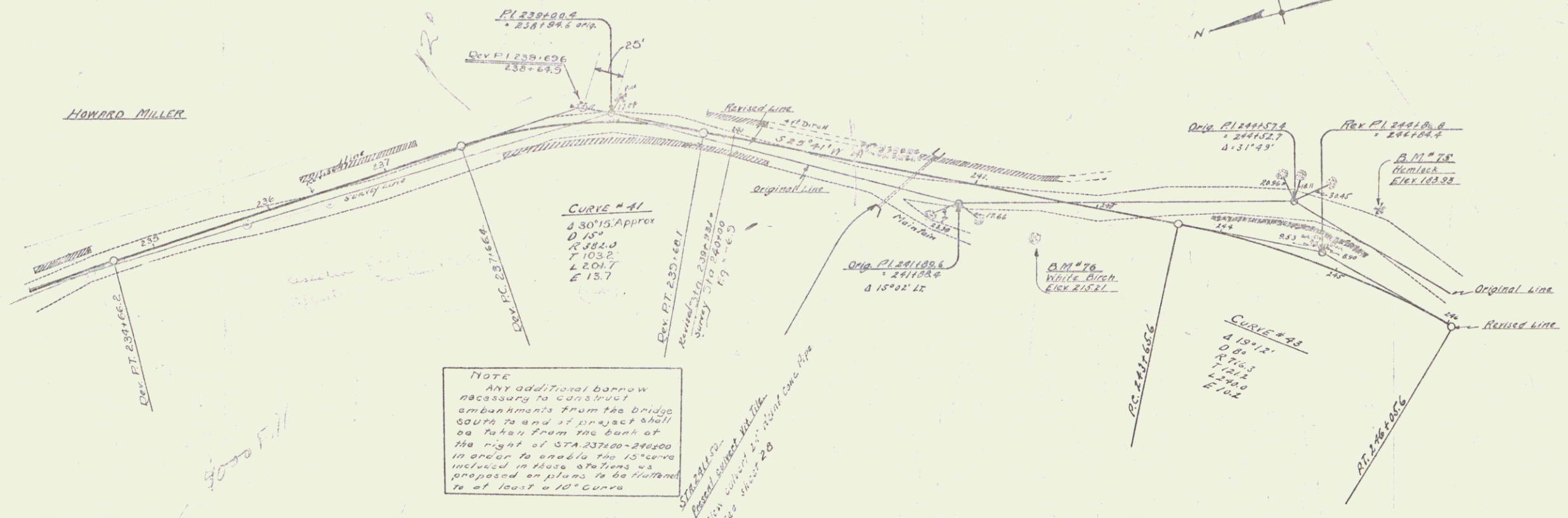
Station	Left	Right
24110-24117	100M	-

Station	Left	Right
24110-24117	100M	-

Station	Left	Right	Width
24110-24117	50K	22.5M	4 FT
24118-24122	50K	44.4	4 FT
24123-24127	50K	22.5	4 FT
24128-24132	50K	44.4	4 FT

For Design See Sheet 2

DATE: 7/24/20 73



B.M. #75 Hemlock left of STA 245110 Elev 103.55  
B.M. #76 White Birch right of STA 242150 Elev 115.81

SERIES F, #77-E  
SHEET 20 OF 23

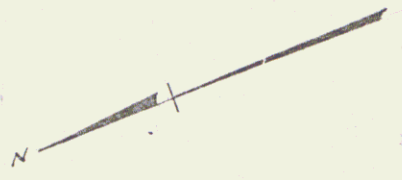
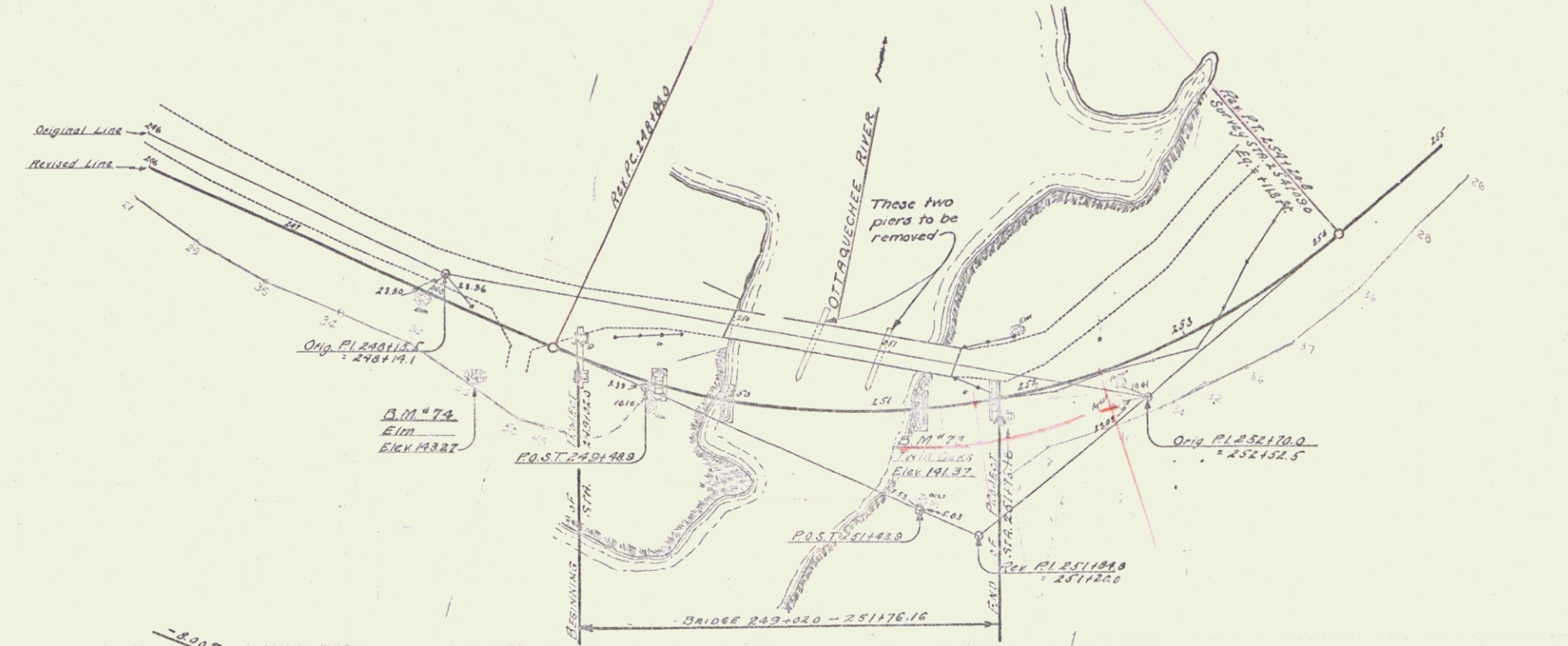
CABLE GUARD RAIL REQUIRED

STATION	LEFT RIGHT
246100-249124	324 ft -
246100-249124	- 320 ft
251175-251175	- 124 ft
251175-253111	126 ft -

REV. CURVE (R=42' 50")  
 Δ 64° 25'  
 D 12'  
 R 477.5'  
 T 302.9'  
 L 536.8'  
 E 86.9'

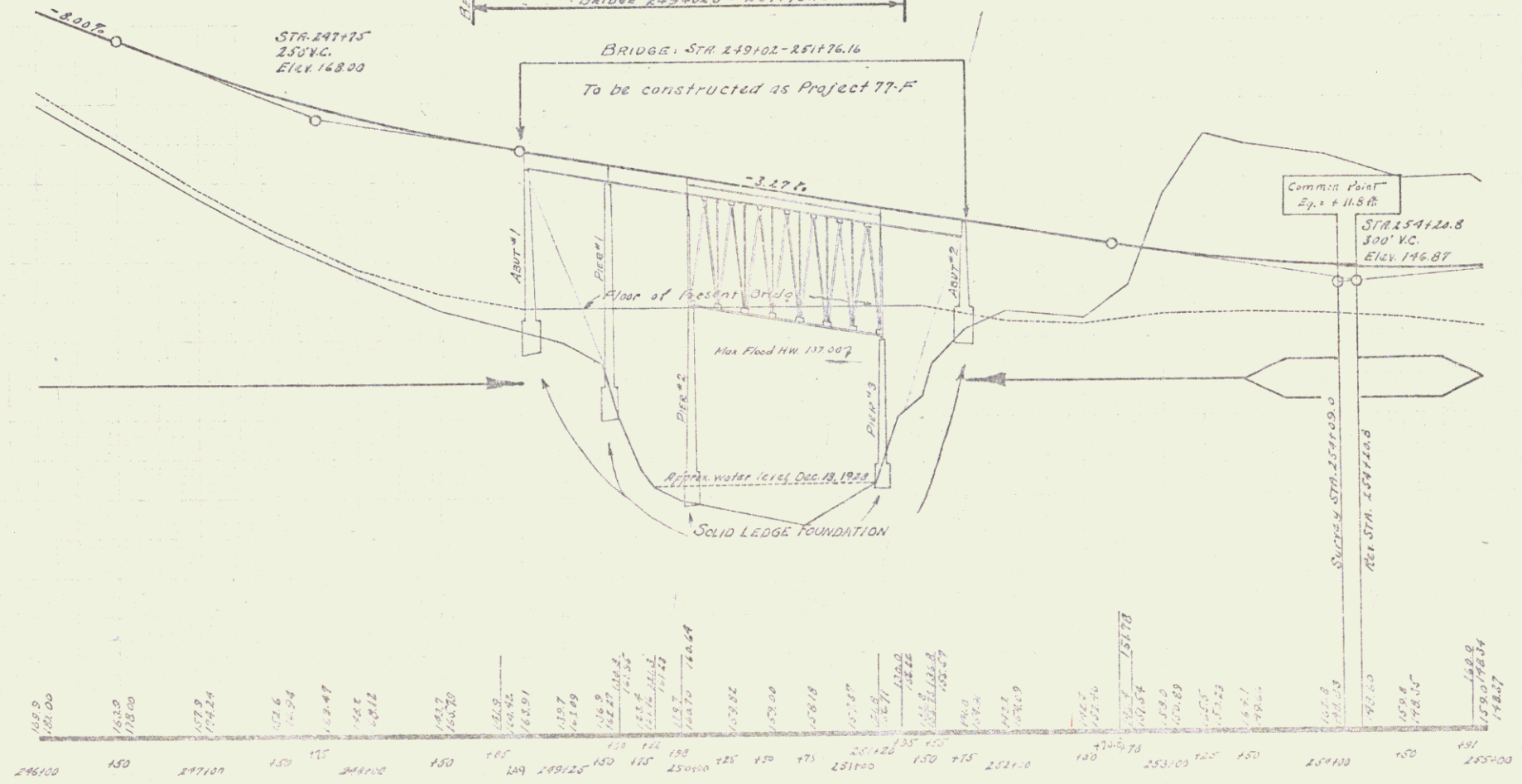
The material in the present Superstructure to become the property of the Contractor and to be removed by him from the site.  
 The two concrete piers to be removed to the low water elevation by the Contractor and to be paid for as Structure Excavation.  
 Estimated Quantity for Two Piers = 150 Cu. Yds.

77E 1929 21 73



170  
160  
150  
140  
130  
120

170  
160  
150  
140  
130  
120



Top of Slope from Final Sections by Conis June 21, 1930

HARTLAND BRIDGE  
 P.L. 77E  
 SCALE 1" = 50 FT.

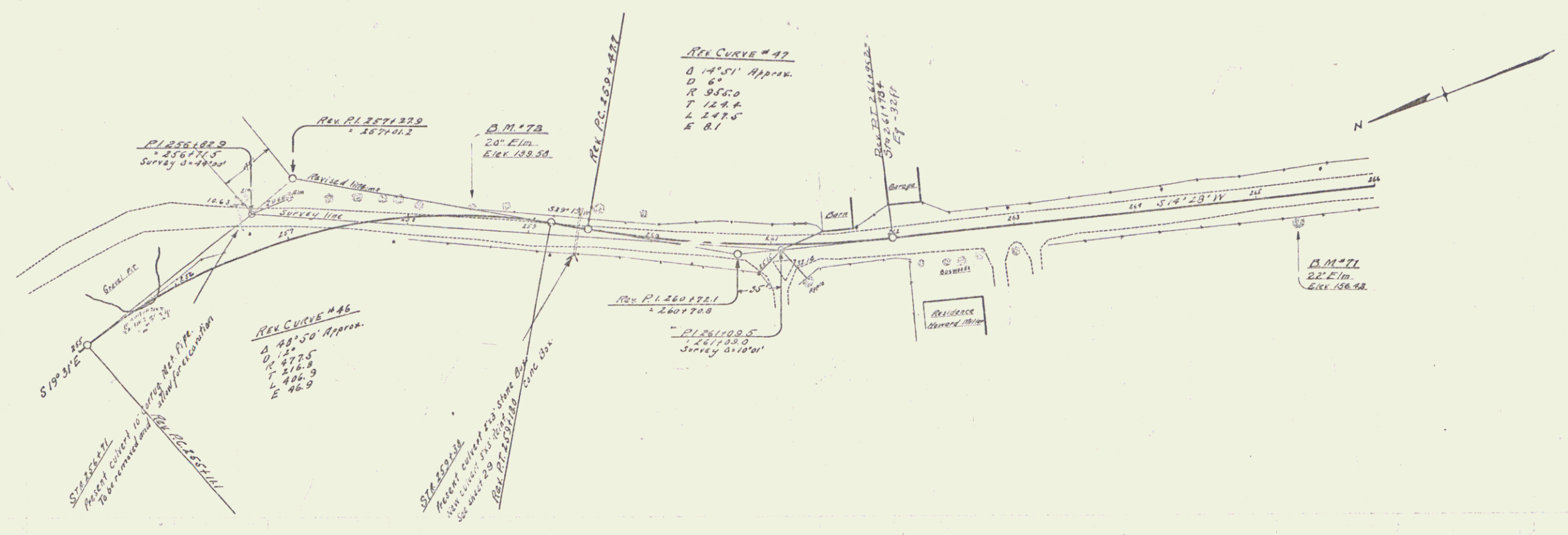
Δ 11° 7' 30" sight of STR 251176 Elev 141.37  
 Δ 11° 7' 30" sight of STR 249102 Elev 143.87

SERIES P 77E  
 SHEET 21 OF 73

CHOLE GUARD RAIL REQUIRED  
 Station Size Right  
 256130-260130 400' 200ft  
 258100-260100 - 200ft

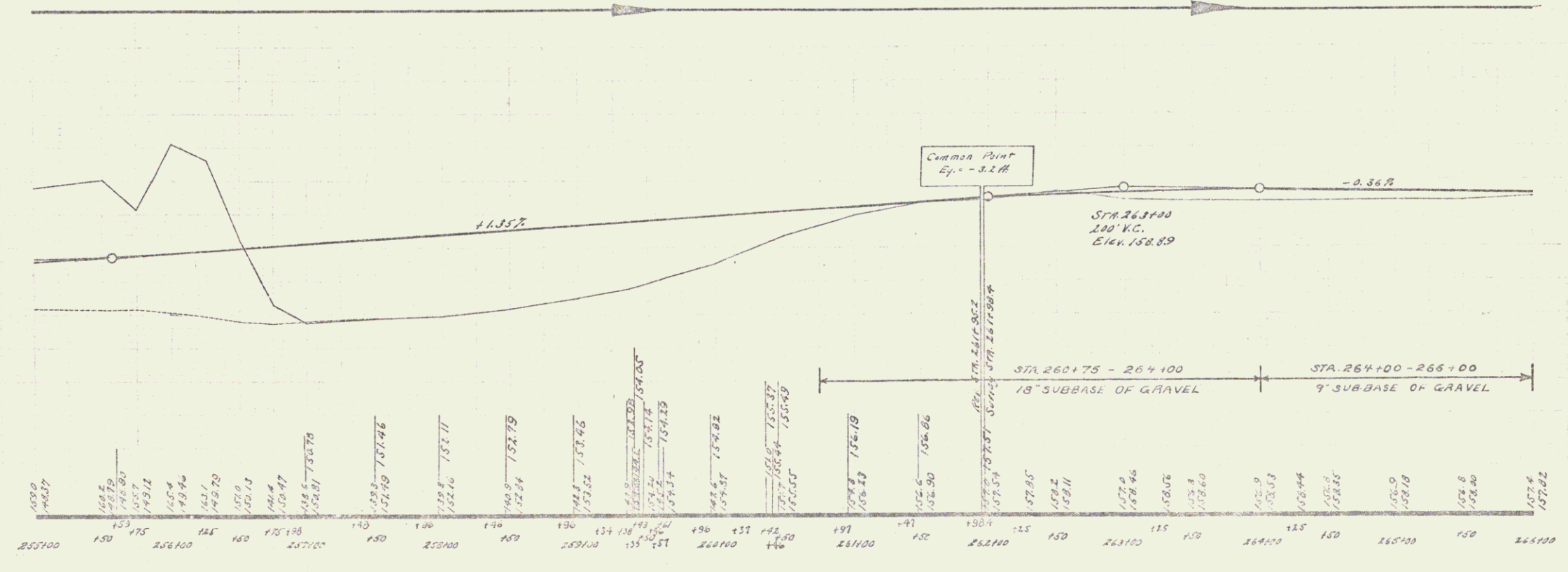
NEW REIN. CONC. BOX CULVERTS REQUIRED  
 Station Size CONC. P. STEEL  
 259130 315 254cy 1710"

776 1020 22 73



170  
160  
150  
140  
130

170  
160  
150  
140  
130



Δ M 71 22° 21' right of STA 25938 Elev 150.45  
 Δ M 72 20° 21' left of STA 25015 Elev 139.58

SERIES F. # 77-E  
 SHEET 22 OF 73

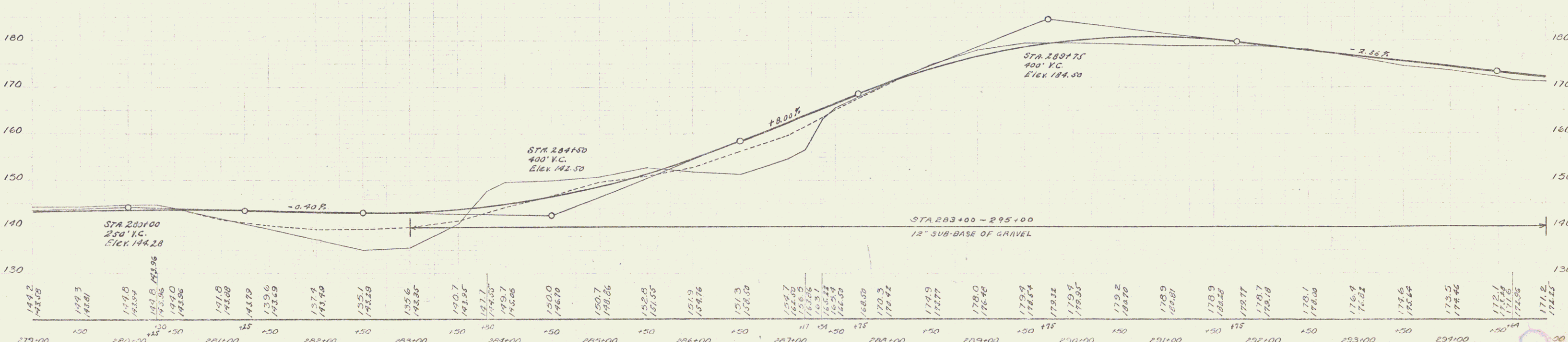
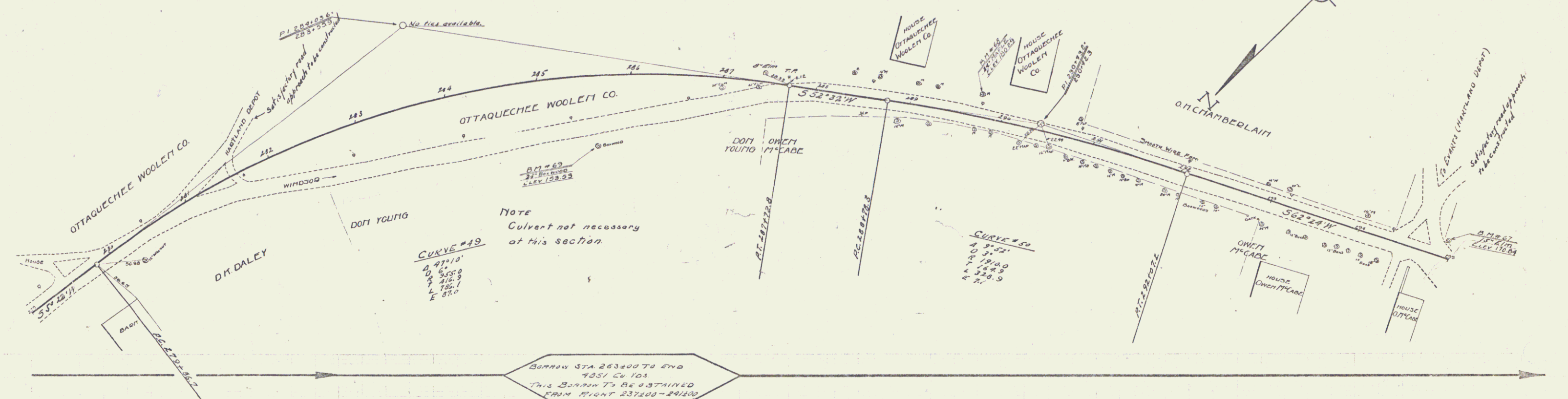
22



COBLE GUARD RAIL REQUIRED  
 Station 141. Right  
 22177-23145 143A  
 26700-29102 132B

775 1929 24 73

DATE AUGUST 24 1929



BM #67 15' Elm Left STA 291+92 ~ ELEV 170.84  
 BM #68 24' Maple Left STA 289+75 ~ ELEV 180.29  
 BM #69 14' Boxwood Right STA 285+61 ~ ELEV 153.53

SERIES F PROFILE  
 SHEET 24 OF 73

