

INDEX OF SHEETS	
SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS-SECTION OF IMPROVEMENT $2\frac{1}{2}$ " CRUSHED STONE MIXED IN PLACE SURFACE COURSE WITH CUT-BACK ASPH. AND PRIME COAT OF REFINED TAR, ITEMS 30 & 31
3	BANKING AND WIDENING TABLES
4-21	PLAN AND PROFILE
22	STANDARD STRUCTURE SHEET S-28 PIPE CULVERT HEADWALLS AND DROP INLETS
23	S-30 CABLE GUARD RAIL, ANCHORS AND WOOD GUARD RAIL
24	S-30A ERECTION OF STATE OR F.A. MARKERS, BOUNDARY MARKERS & UNDERDRAIN
25	S-40 BARRICADES, SIGNS & LIGHTS
26	S-41 TYPICAL GRADING CROSS SECTIONS
27-83	GROSS SECTIONS

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 S-30 — 5-12-41  
 S-30A — 4-19-41  
 S-40 — 9-5-40

STATE OF VERMONT

STATE HIGHWAY DEPARTMENT

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

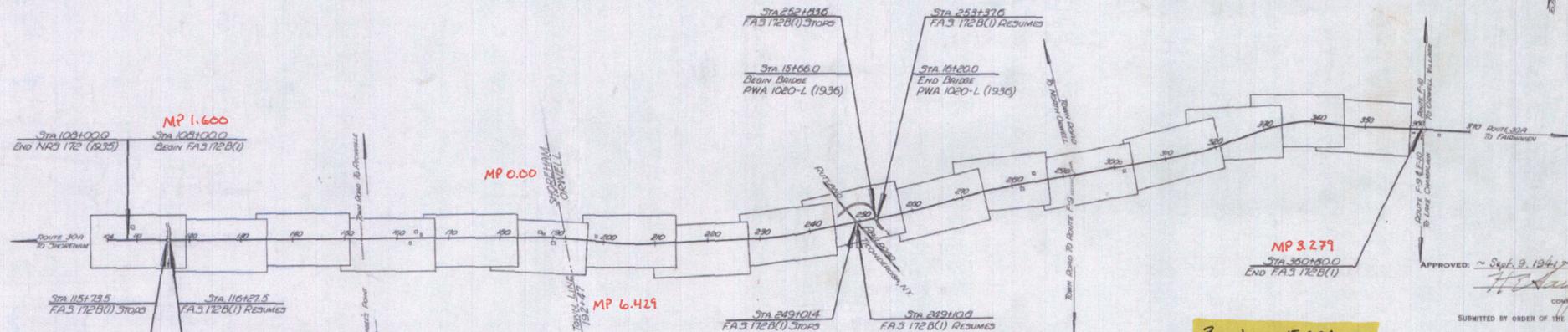
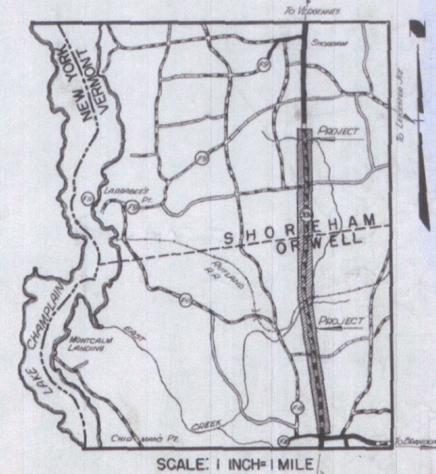
FEDERAL AID SECONDARY

## TOWNS OF SHOREHAM-ORWELL VERMONT ROUTE 30A

BEGINNING AT A POINT 1.6 MILES NORTHERLY OF THE SHOREHAM-ORWELL TOWN LINE, AND EXTENDING SOUTHERLY 4.765 MILES

LENGTH OF PROJECT 25162.6 FEET = 4.765 MILES

FED. ROAD DIST. NO.	STATE	F.A.S. DIST. NO.	TOTAL SHEETS	TOTAL SHEETS
9	VT	172B(1) 246	7	25



SYMBOL	DESCRIPTION
---	COUNTY LINE
---	TOWN LINE
---	FENCE LINE
---	STONE WALL
---	UNFENCED PROPERTY
---	GUARD RAIL
---	TRAVELED WAY
---	RAILROAD
---	RETAINING WALL
---	CENTER LINE
---	SURVEY LINE
---	CULVERT
---	DROP INLET
---	TROLLEY POLE
---	POWER POLE
---	TELEPHONE POLE
---	TREES

CURVE DATA	
DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P. I.
POINT OF CURVE	P. C.
POINT OF TANGENT	P. T.

SCALES	
TITLE	1" = 1000'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE	HORIZONTAL 1" = 50'
	VERTICAL 1" = 10'
CROSS SECTIONS	1" = 5'

Route VT 22A  
 Pin # 00R559  
 Date 9/5/1941

APPROVED: *[Signature]*  
 COMMISSIONER OF HIGHWAYS  
 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

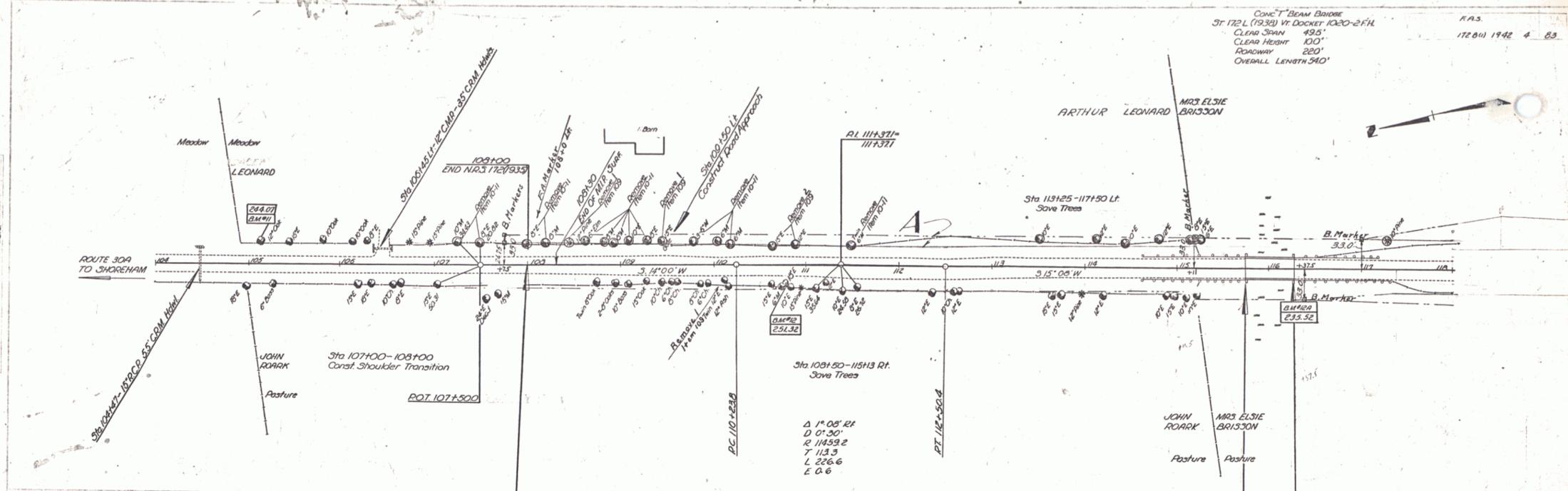
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.  
 CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1936, AS APPROVED DECEMBER 28TH, 1936 BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

RECOMMENDED FOR APPROVAL  
 DISTRICT ENGINEER  
 PUBLIC ROADS ADMINISTRATION  
 FEDERAL WORKS AGENCY

APPROVED  
 COMMISSIONER  
 PUBLIC ROADS ADMINISTRATION  
 FEDERAL WORKS AGENCY

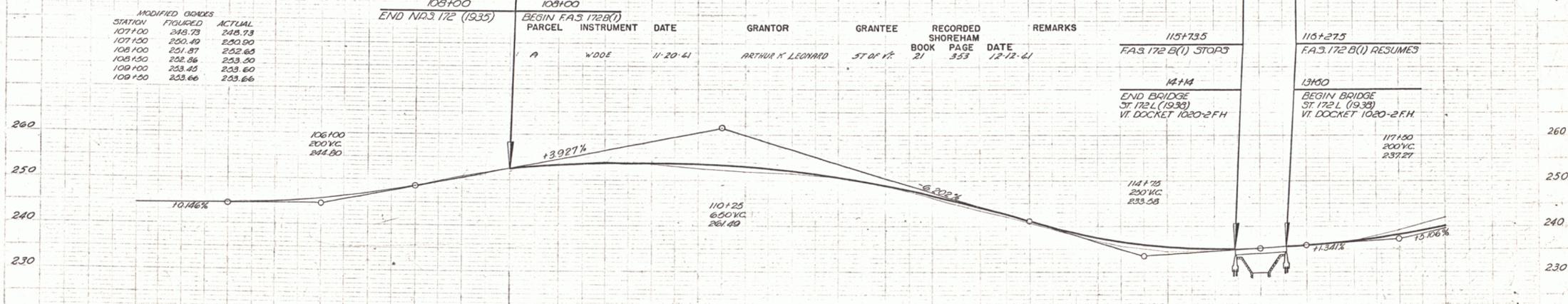
CONC. T-BEAM BRIDGE  
 ST. 172 L (1933) VI. DOCKET 1020-2 F.H.  
 CLEAR SPAN 49.5'  
 CLEAR HEIGHT 100'  
 ROADWAY 220'  
 OVERALL LENGTH 540'

K.A.S.  
 172(1) 1942 4 83



STATION	FIGURED	ACTUAL
107+00	248.73	248.73
107+100	250.49	250.90
108+100	251.87	252.60
108+100	252.86	253.30
109+100	253.45	253.60
109+100	253.66	253.66

STATION	END N.P.S. 172 (1935)	108+100	109+100	BEGIN F.A.S. 172 B(1)	PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED SHOREHAM	REMARKS
107+00					A	WODE	11-20-41	ARTHUR K. LEONARD	ST. OF VT.	BOOK 21 PAGE 353 DATE 12-12-41	115+735 F.A.S. 172 B(1) STOPS
116+275											116+275 F.A.S. 172 B(1) RESUMES



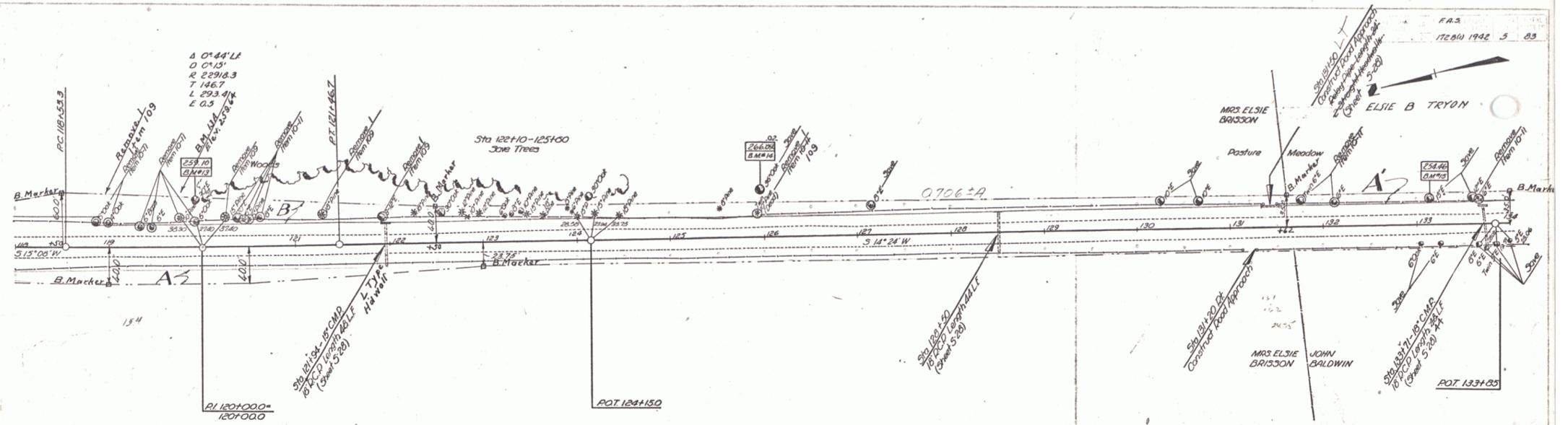
STATION	ELEVATION																
104+50	244.36	105+00	244.57	105+50	244.60	106+00	245.96	106+50	245.75	107+00	247.00	107+50	247.18	108+00	248.88	108+50	250.94
109+00	251.87	109+50	252.86	110+00	253.45	110+50	253.66	111+00	254.55	111+50	255.87	112+00	257.49	112+50	258.26	113+00	259.26
113+50	261.49	114+00	261.87	114+50	262.84	115+00	263.90	115+50	264.24	116+00	265.86	116+50	266.76	117+00	267.25	117+50	268.21
118+00	268.66																

104 B.M. #11 Spike in Root of 12" Oak 20.5 Ft. Lt. of Sta 105+11 Elev. 244.07  
 B.M. #12 Spike in Root of 10" Elm 17.5 Ft. Rt. of Sta 110+74 Elev. 251.32  
 B.M. #2A Spd on Concrete Bridge Wing 13 Ft. Rt. of Sta 116+27 Elev. 233.52

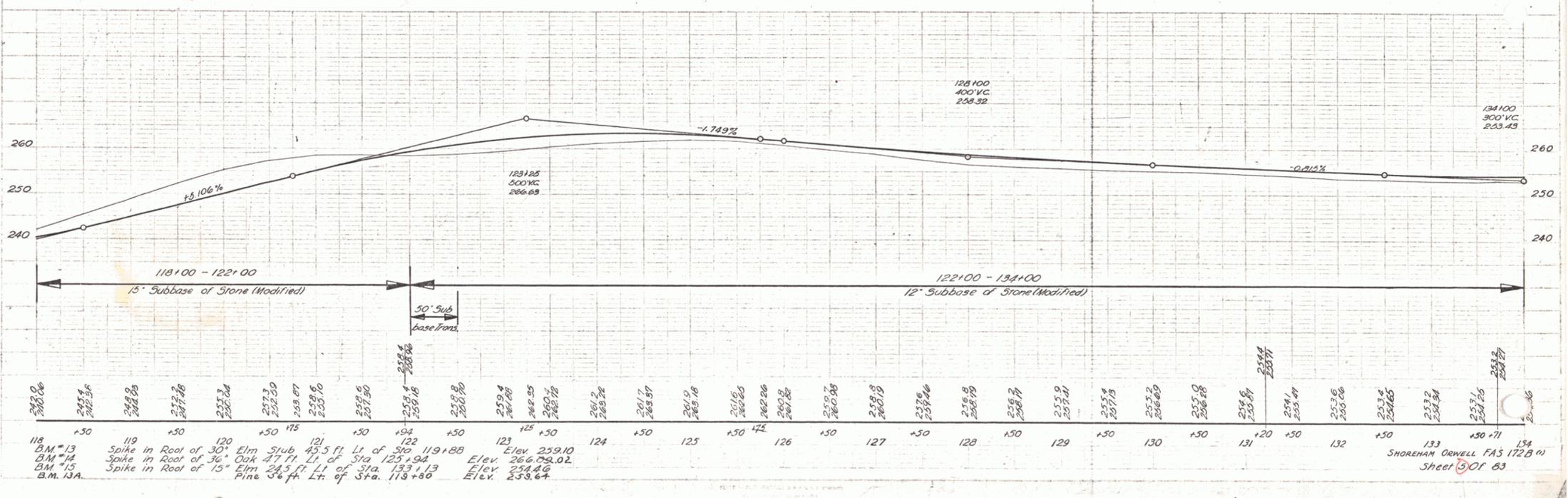
118 SHOREHAM ORWELL FAS 172 B(1) Sheet 4 OF 83

LOW ELEV. U.O.C.

SUMM. ADJUSTMENT



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED SHOREHAM BOOK PAGE DATE	REMARKS
A-B	W.D.O.E.	11-24-41	ELSIE D BRISSON	ST OF VT	21 355-36 12/2-41	NEW CUL STA 128+50
B	W.D.O.E.	11-29-41	ELSIE B TRYON	ST OF VT	21 360-61 12/27-41	

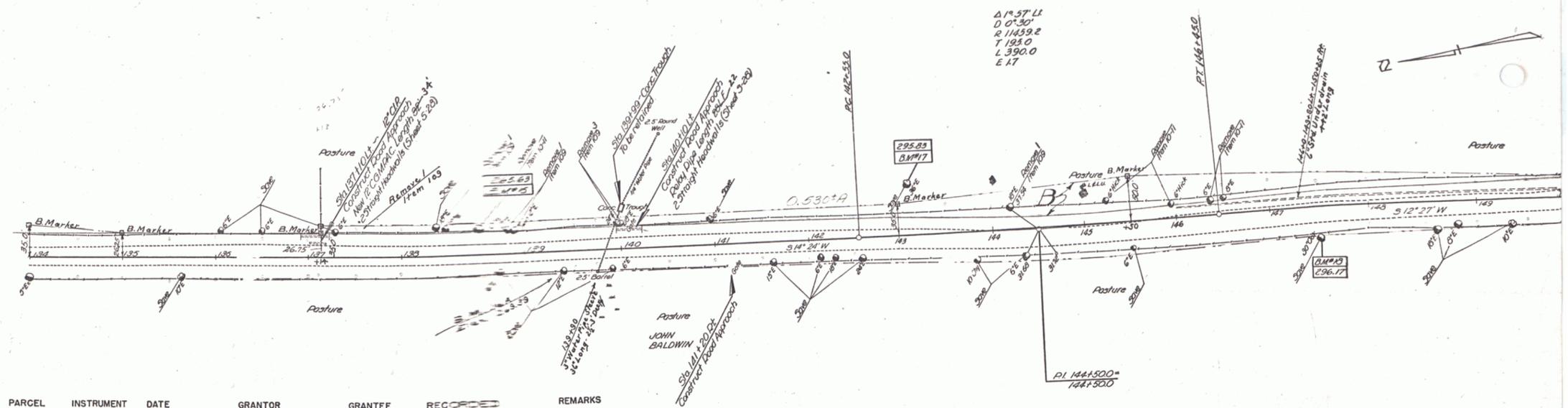


LOW FOR UOC

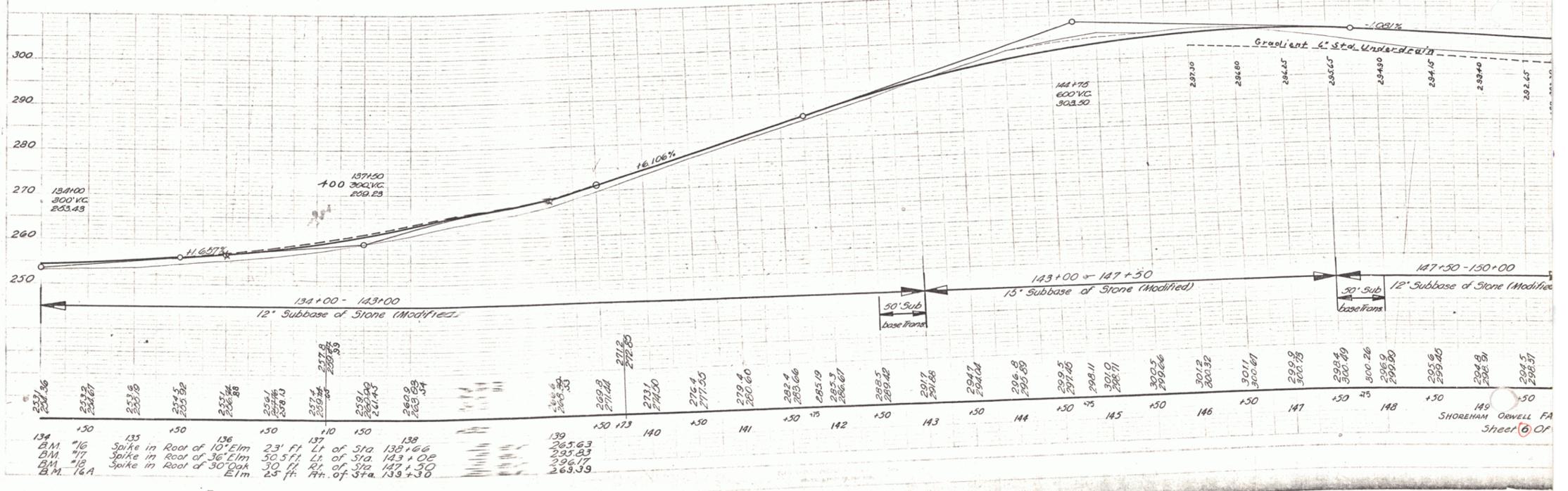
ABANE ABELLUCCI

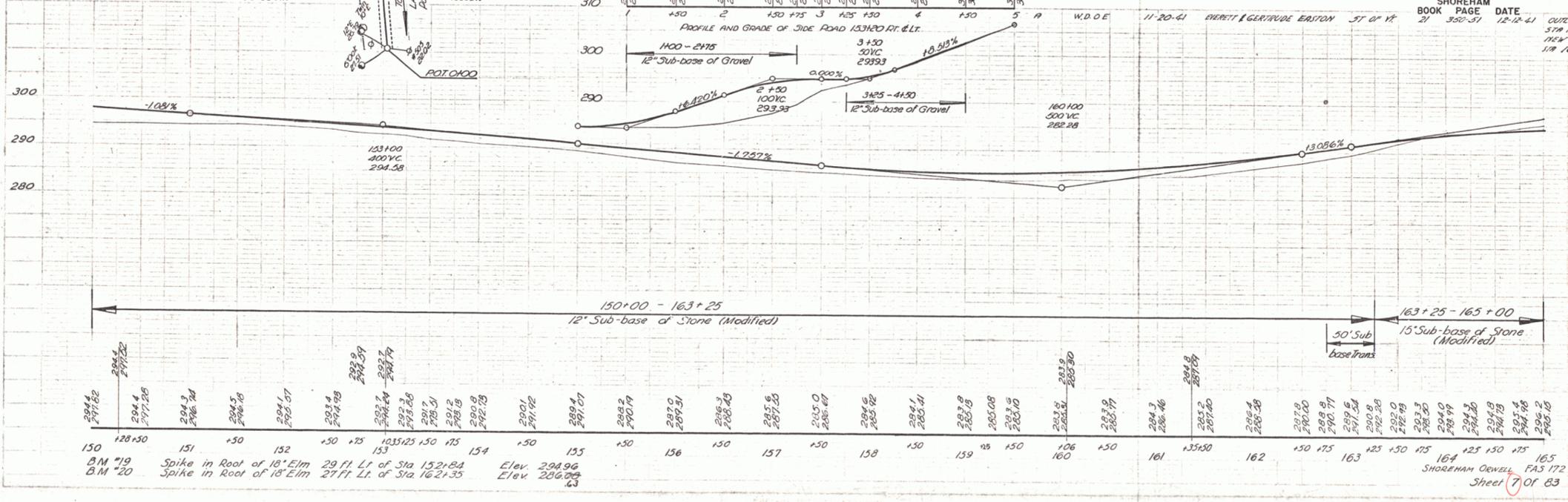
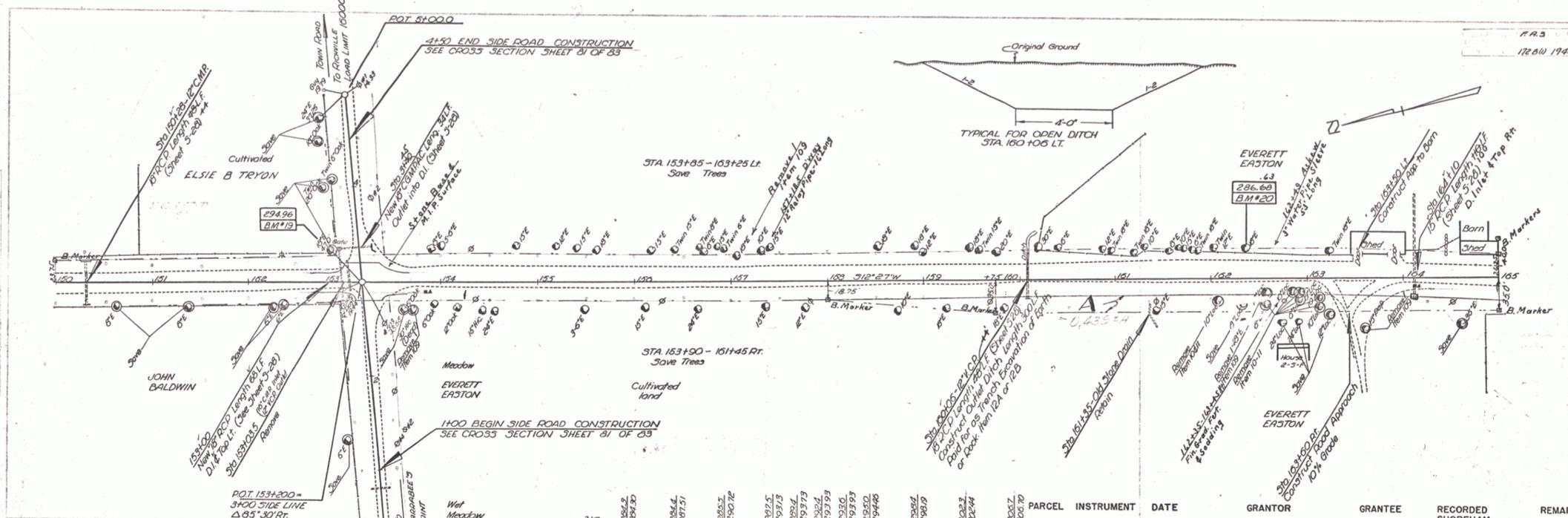
118 B.M. 13  
119 B.M. 14  
120 B.M. 15  
121 Spike in Root of 30" Elm 45.5 ft Lt. of Sta. 119+88  
122 Spike in Root of 36" Oak 77 ft Lt. of Sta. 125+94  
123 Spike in Root of 15" Elm 24.3 ft Lt. of Sta. 133+13  
124 Pine 36 ft Lt. of Sta. 118+80  
125 Elev. 259.10  
126 Elev. 266.02  
127 Elev. 254.46  
128 Elev. 253.64

7-39  
7-41  
7-41  
LOVE  
ADGERS  
CLARK



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
B	W.D.O.E.	11-29-41	ELIE B TRYON	ST OF VT	BOOK 21 PAGE 355-356	DATE 12-27-41





Level Assumed  
Clear

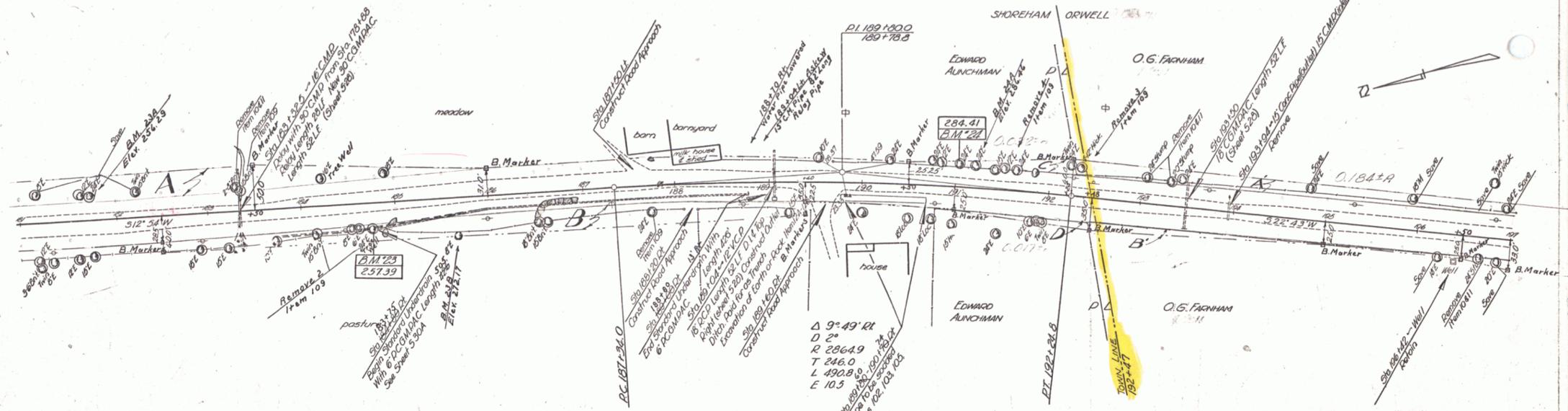
Vertical Curve



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED SHOREHAM BOOK PAGE DATE	REMARKS
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STA 184+04 - 193+00 Lr.  
SAVE TREES

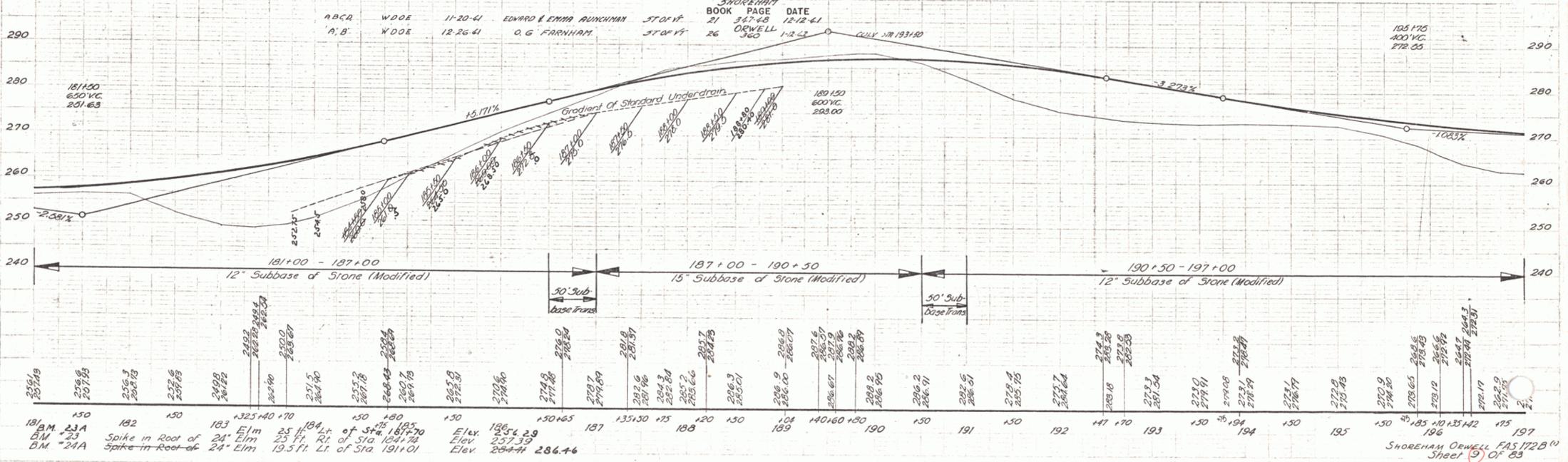
F.A.S.  
17200 1942 9 83



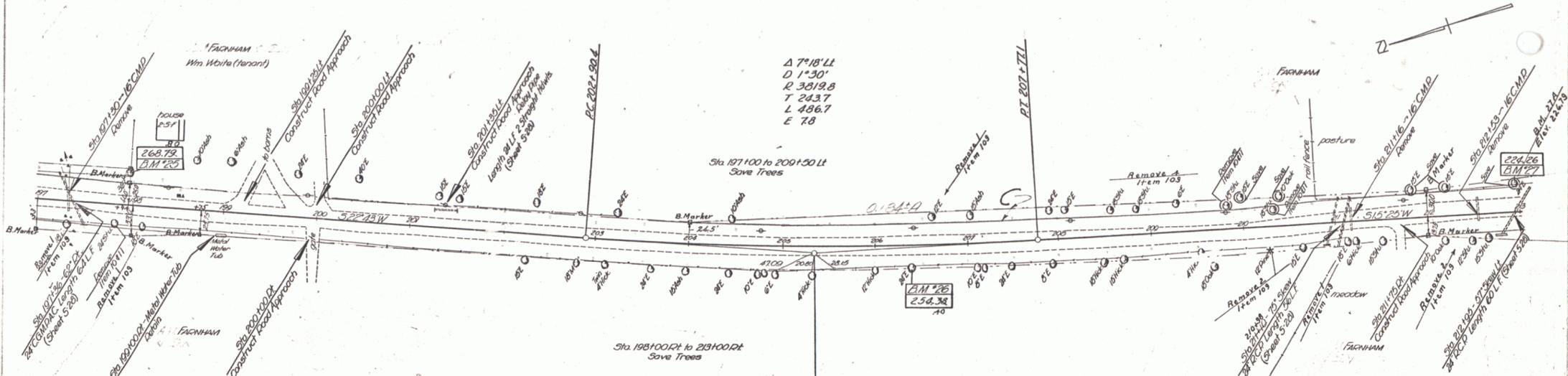
STA 181+5 - 186+3 Rt.  
SAVE TREES PARCEL

INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED SHOREHAM BOOK PAGE DATE	REMARKS
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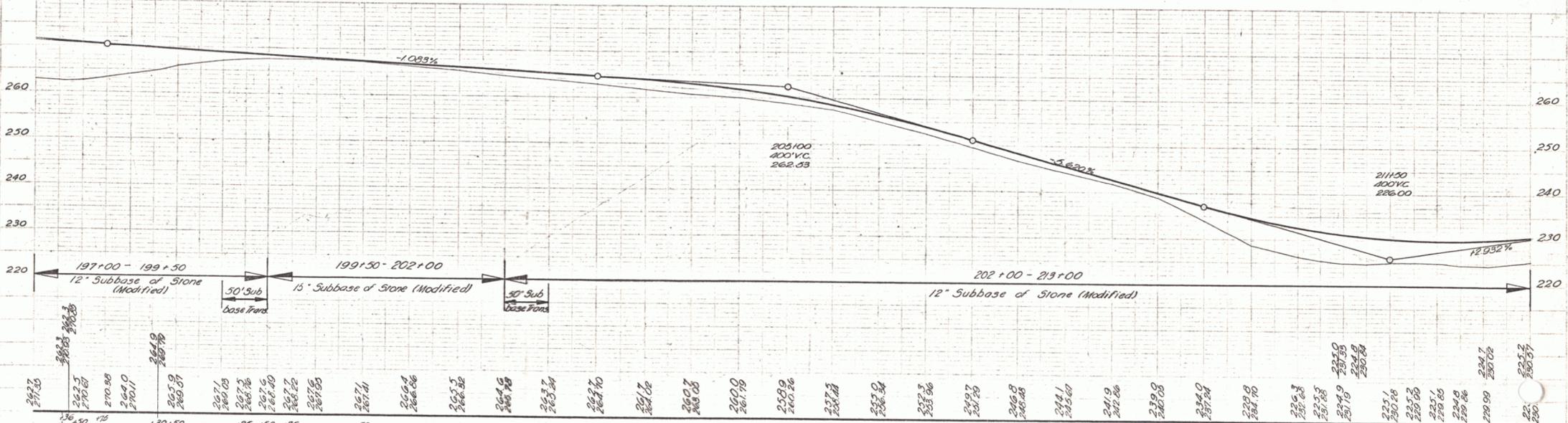
STA 189+20 - 196+00 Rt.  
SAVE TREES



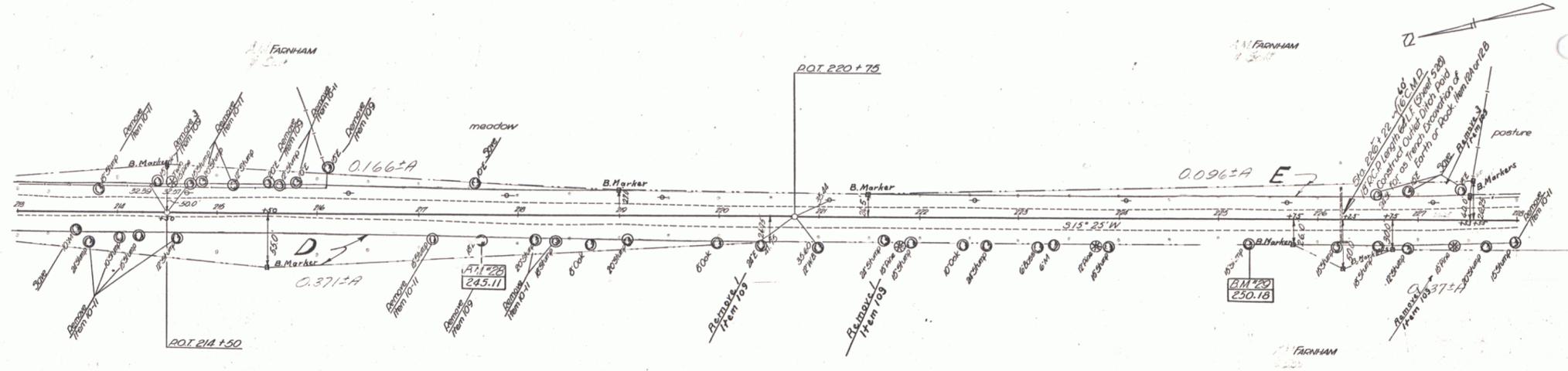
SHOREHAM ORWELL FAS 17200  
Sheet 9 of 83



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ORWELL BOOK PAGE	DATE	REMARKS
C	W.D.O.E.	12-26-41	O.G. FARNHAM	ST. OF VT.	26 363	7-12-42	CULV STA 212195

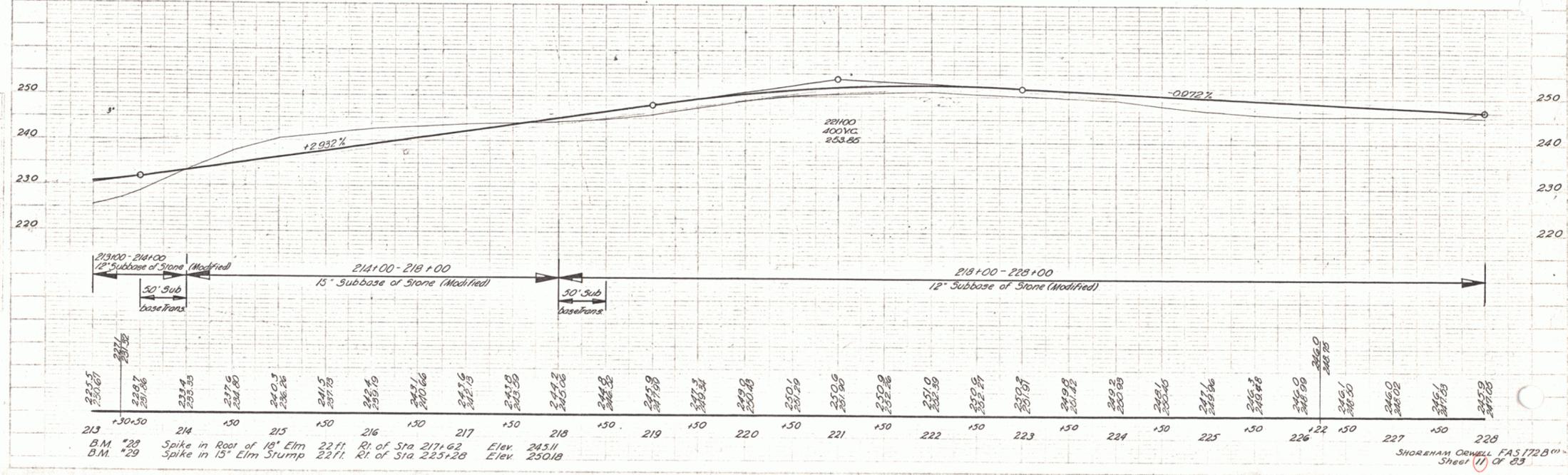


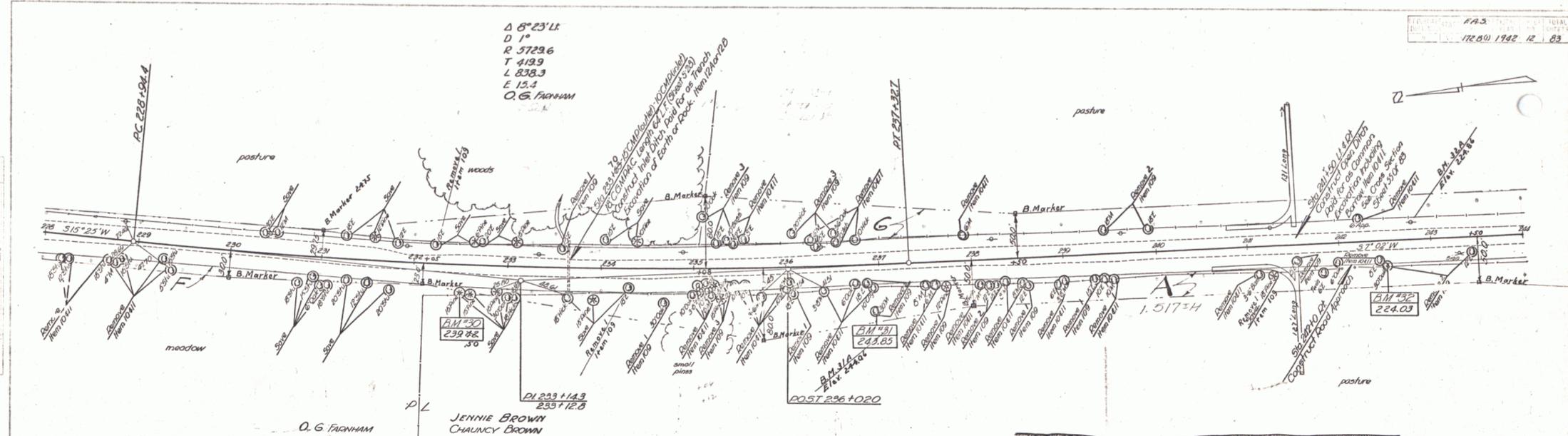
Station	Elevation	Notes
197	267.37	B.M. 25
197+30	267.37	
198	267.37	
198+30	267.37	
199	267.37	
199+30	267.37	
200	267.37	
200+30	267.37	
201	267.37	
201+30	267.37	
202	267.37	
202+30	267.37	
203	267.37	
203+30	267.37	
204	267.37	
204+30	267.37	
205	267.37	
205+30	267.37	
206	267.37	
206+30	267.37	
207	267.37	
207+30	267.37	
208	267.37	
208+30	267.37	
209	267.37	
209+30	267.37	
210	267.37	
210+30	267.37	
211	267.37	
211+30	267.37	
212	267.37	
212+30	267.37	
213	267.37	



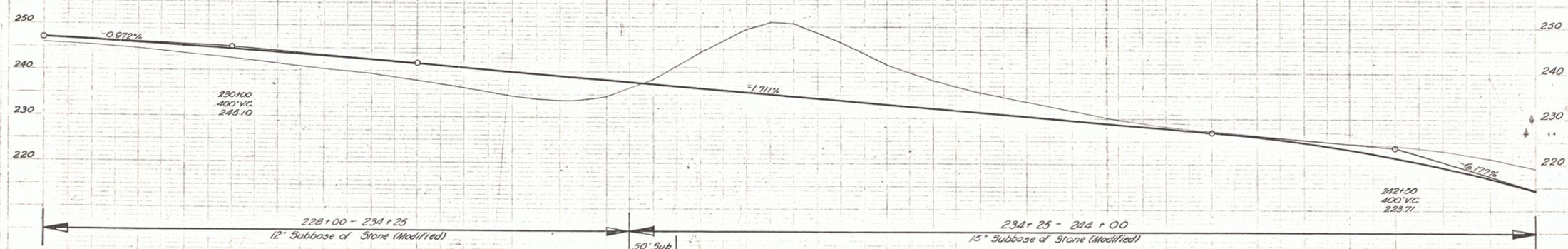
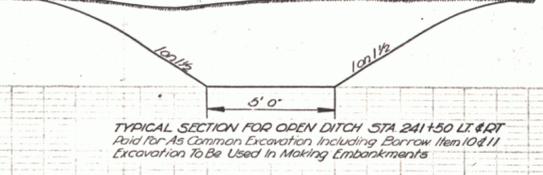
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ORWELL BOOK	RECORDED ORWELL PAGE	RECORDED ORWELL DATE	REMARKS
D, E	W D O E	12-26-41	O. G. FARNHAM	ST OF VT	26	360	1-12-42	OUTLET DITCH

STA 213+73-227+10 RT.  
 SAVE TREES

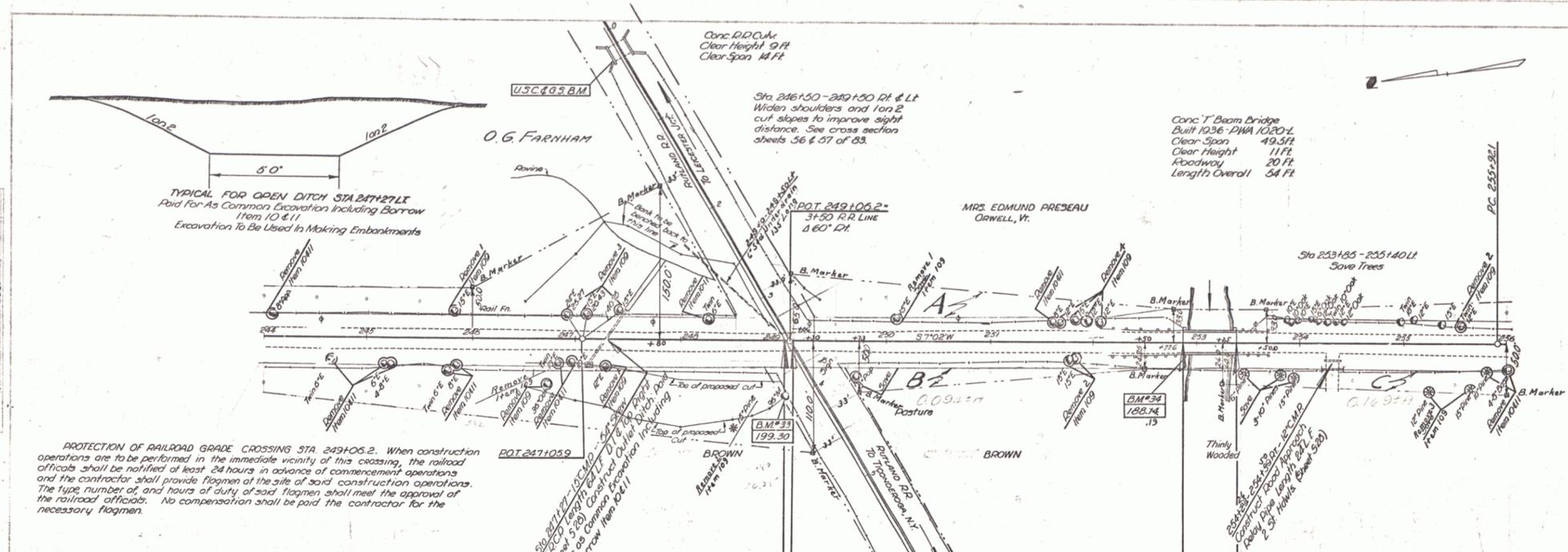




PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ORWELL BOOK	ORWELL PAGE	DATE	REMARKS
F. 6	W D O E	12-26-41	O. G. FARNHAM	ST. OF VT.	26	360	1-12-42	OPEN DITCH
A	GUNDRY'S MOE.	7-15-42	J. C. THOMAS	ST. OF VT.	26	409	7-8-42	OPEN DITCH

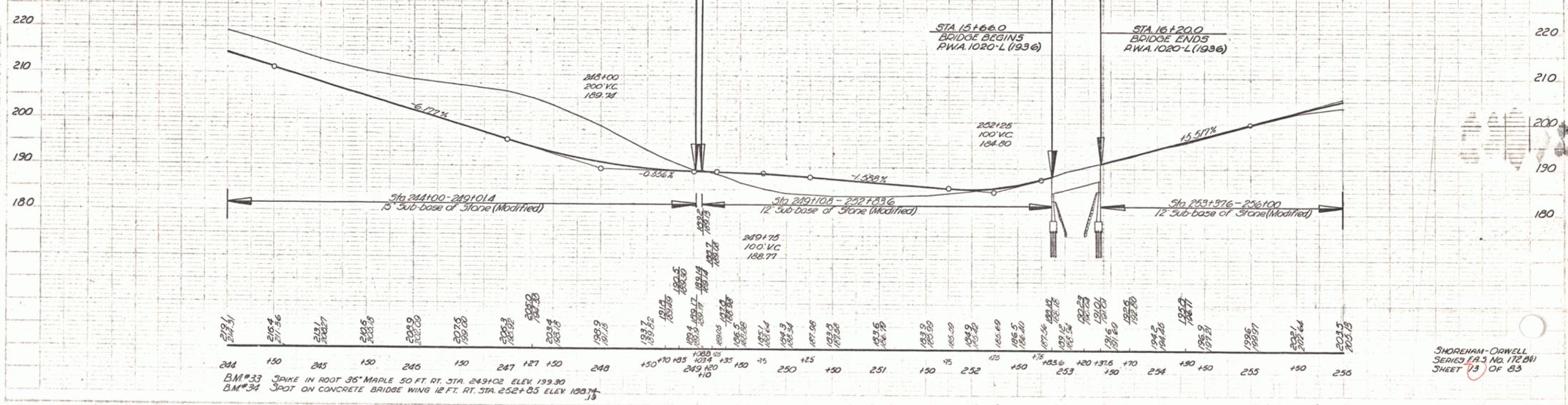


Station	Elevation	Description
228+00	241.00	B.M. #30
228+10	240.34	Spike in Root of 15" Pine
228+20	240.66	Spike in Root of 30" Maple
228+30	240.38	Spike in Root of 30" Oak
228+40	240.70	Dead Stub 100 ft. Rt. of Sta. 236+80
228+50	241.00	Tr. Pole 100 ft. Lt. of Sta. 242+75
228+60	240.30	
228+70	240.60	
228+80	240.90	
228+90	241.20	
229+00	241.50	
229+10	241.80	
229+20	242.10	
229+30	242.40	
229+40	242.70	
229+50	243.00	
229+60	243.30	
229+70	243.60	
229+80	243.90	
229+90	244.20	
230+00	244.50	
230+10	244.80	
230+20	245.10	
230+30	245.40	
230+40	245.70	
230+50	246.00	
230+60	246.30	
230+70	246.60	
230+80	246.90	
230+90	247.20	
231+00	247.50	
231+10	247.80	
231+20	248.10	
231+30	248.40	
231+40	248.70	
231+50	249.00	
231+60	249.30	
231+70	249.60	
231+80	249.90	
231+90	250.20	
232+00	250.50	
232+10	250.80	
232+20	251.10	
232+30	251.40	
232+40	251.70	
232+50	252.00	
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233+50	255.00	
233+60	255.30	
233+70	255.60	
233+80	255.90	
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234+00	256.50	
234+10	256.80	
234+20	257.10	
234+30	257.40	
234+40	257.70	
234+50	258.00	
234+60	258.30	
234+70	258.60	
234+80	258.90	
234+90	259.20	
235+00	259.50	
235+10	259.80	
235+20	260.10	
235+30	260.40	
235+40	260.70	
235+50	261.00	
235+60	261.30	
235+70	261.60	
235+80	261.90	
235+90	262.20	
236+00	262.50	
236+10	262.80	
236+20	263.10	
236+30	263.40	
236+40	263.70	
236+50	264.00	
236+60	264.30	
236+70	264.60	
236+80	264.90	
236+90	265.20	
237+00	265.50	
237+10	265.80	
237+20	266.10	
237+30	266.40	
237+40	266.70	
237+50	267.00	
237+60	267.30	
237+70	267.60	
237+80	267.90	
237+90	268.20	
238+00	268.50	
238+10	268.80	
238+20	269.10	
238+30	269.40	
238+40	269.70	
238+50	270.00	
238+60	270.30	
238+70	270.60	
238+80	270.90	
238+90	271.20	
239+00	271.50	
239+10	271.80	
239+20	272.10	
239+30	272.40	
239+40	272.70	
239+50	273.00	
239+60	273.30	
239+70	273.60	
239+80	273.90	
239+90	274.20	
240+00	274.50	
240+10	274.80	
240+20	275.10	
240+30	275.40	
240+40	275.70	
240+50	276.00	
240+60	276.30	
240+70	276.60	
240+80	276.90	
240+90	277.20	
241+00	277.50	
241+10	277.80	
241+20	278.10	
241+30	278.40	
241+40	278.70	
241+50	279.00	
241+60	279.30	
241+70	279.60	
241+80	279.90	
241+90	280.20	
242+00	280.50	
242+10	280.80	
242+20	281.10	
242+30	281.40	
242+40	281.70	
242+50	282.00	
242+60	282.30	
242+70	282.60	
242+80	282.90	
242+90	283.20	
243+00	283.50	
243+10	283.80	
243+20	284.10	
243+30	284.40	
243+40	284.70	
243+50	285.00	
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243+90	286.20	
244+00	286.50	

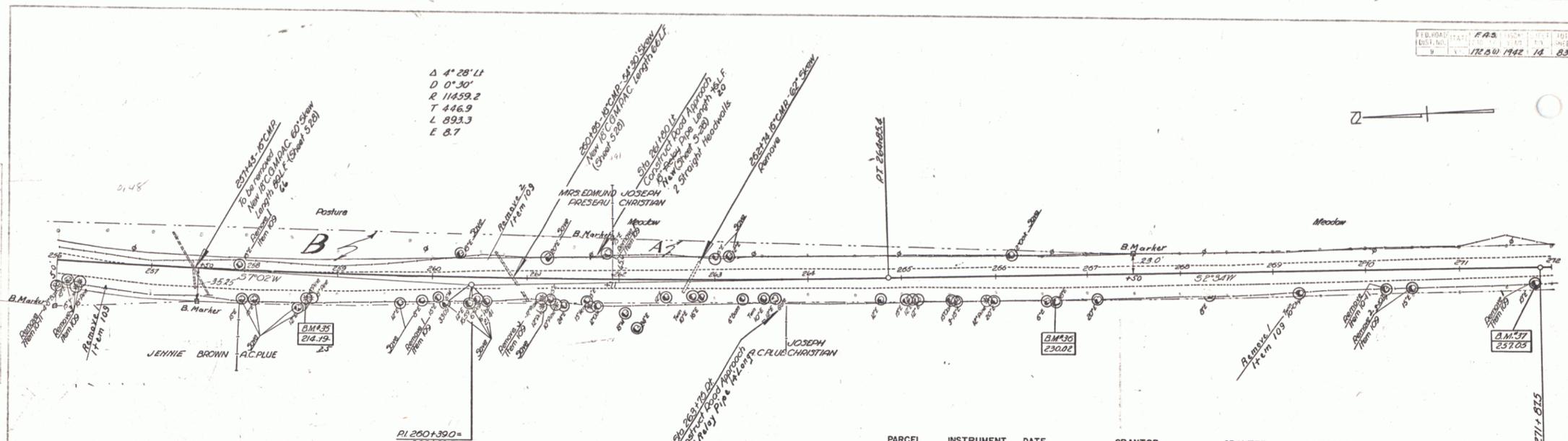


PROTECTION OF RAILROAD GRADE CROSSING STA. 249+05.2. When construction operations are to be performed in the immediate vicinity of this crossing, the railroad officials shall be notified at least 24 hours in advance of commencement operations and the contractor shall provide flagmen at the site of said construction operations. The type, number of, and hours of duty of said flagmen shall meet the approval of the railroad officials. No compensation shall be paid the contractor for the necessary flagmen.

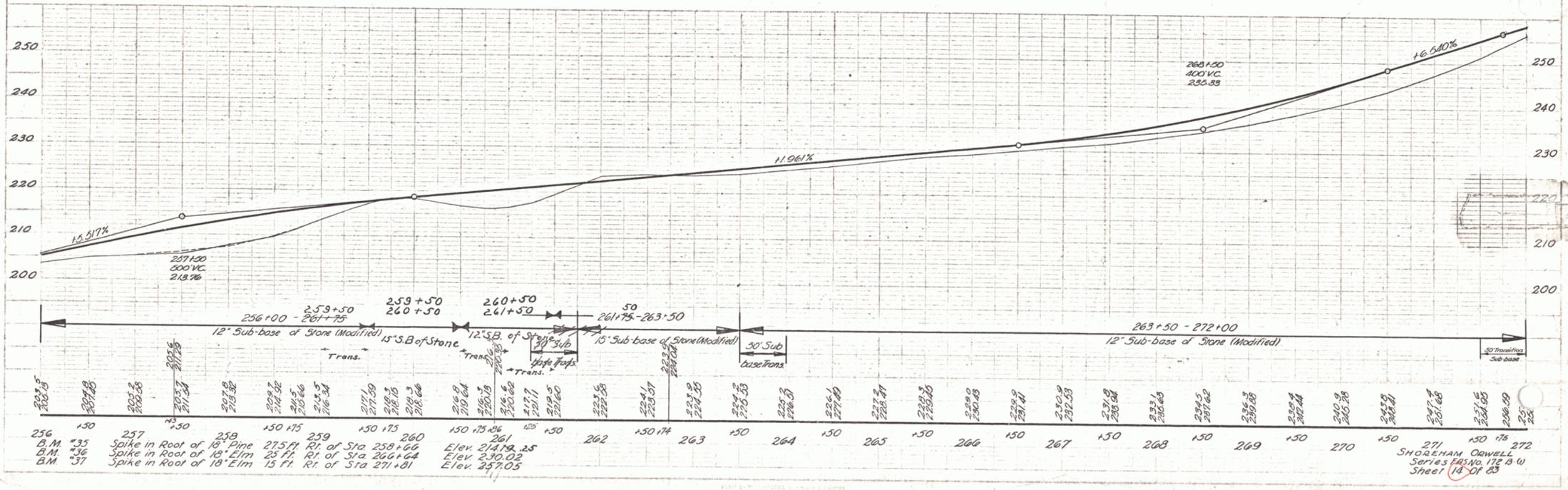
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B.C.	G.W.C. (M) WARE	7-15-42	J.C. THORNTON	ST. OF VT.	BOOK 26 PAGE 409	7-18-42

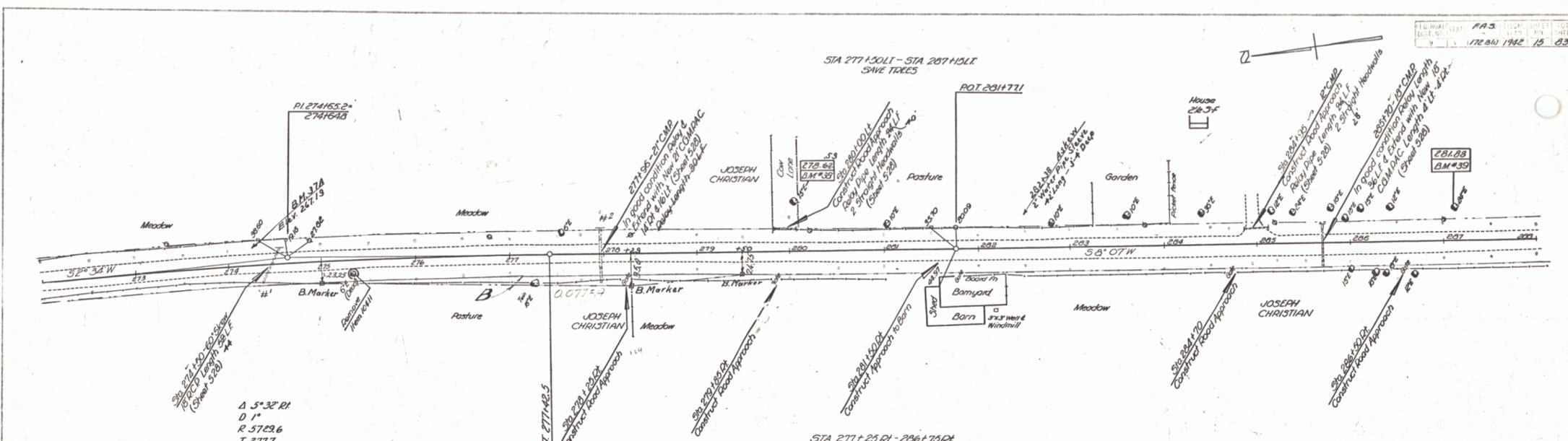


B.M.#33 SPIKE IN ROOT 36' MAPLE 50 FT. RT. STA. 249+02 ELEV. 199.30  
 B.M.#34 SPOT ON CONCRETE BRIDGE WING 12 FT. RT. STA. 252+05 ELEV. 198.75

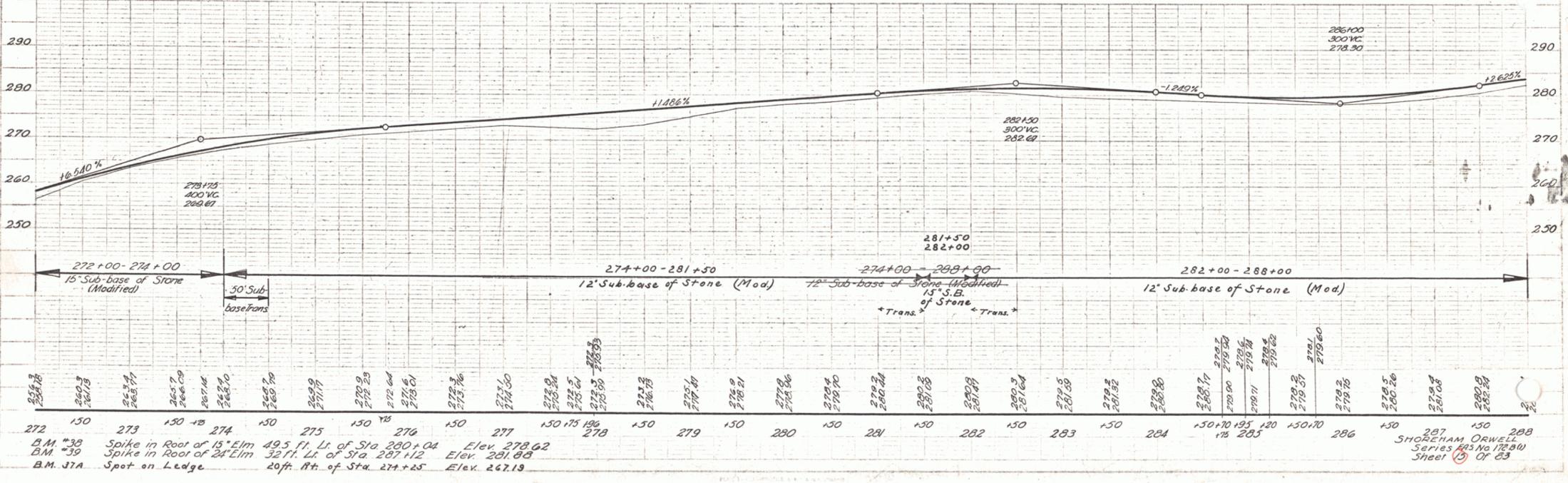


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ORWELL BOOK	ORWELL PAGE	DATE	REMARKS
B	W.D.O.E.	11-20-41	MRS. EDMUND PRESEAU	ST. OF VT.	26	349	12-12-41	
A	W.D.O.E.	11-20-41	JOSEPH ALBION CHRISTIAN	ST. OF VT.	26	347	12-12-41	



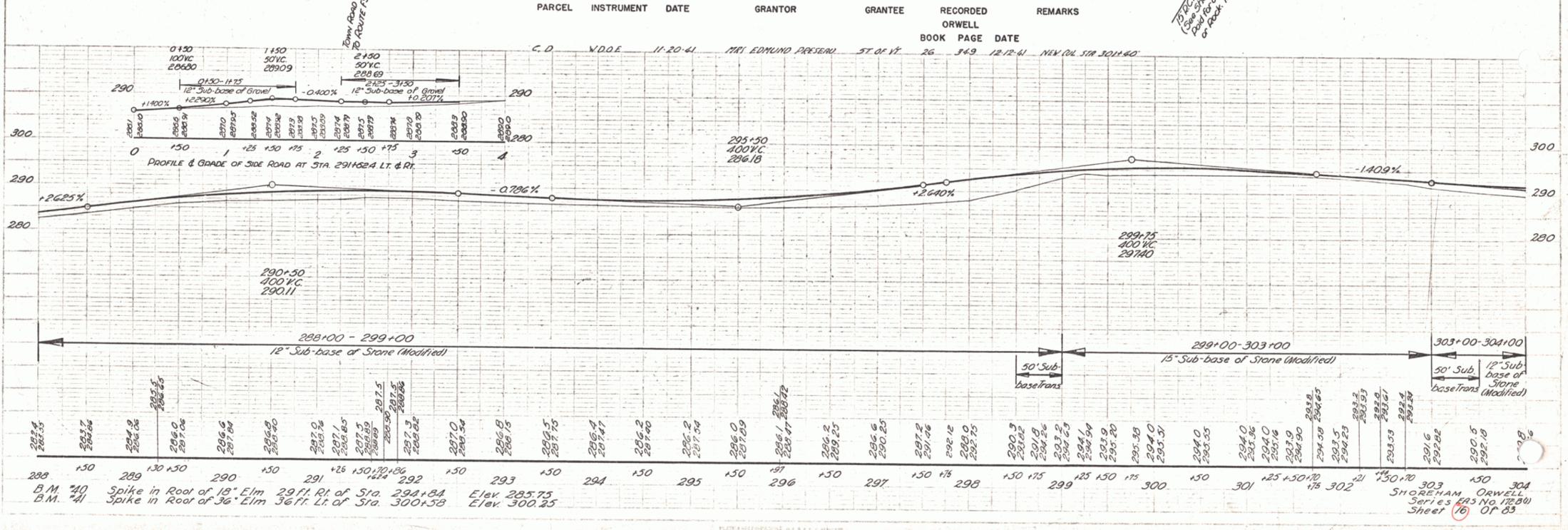
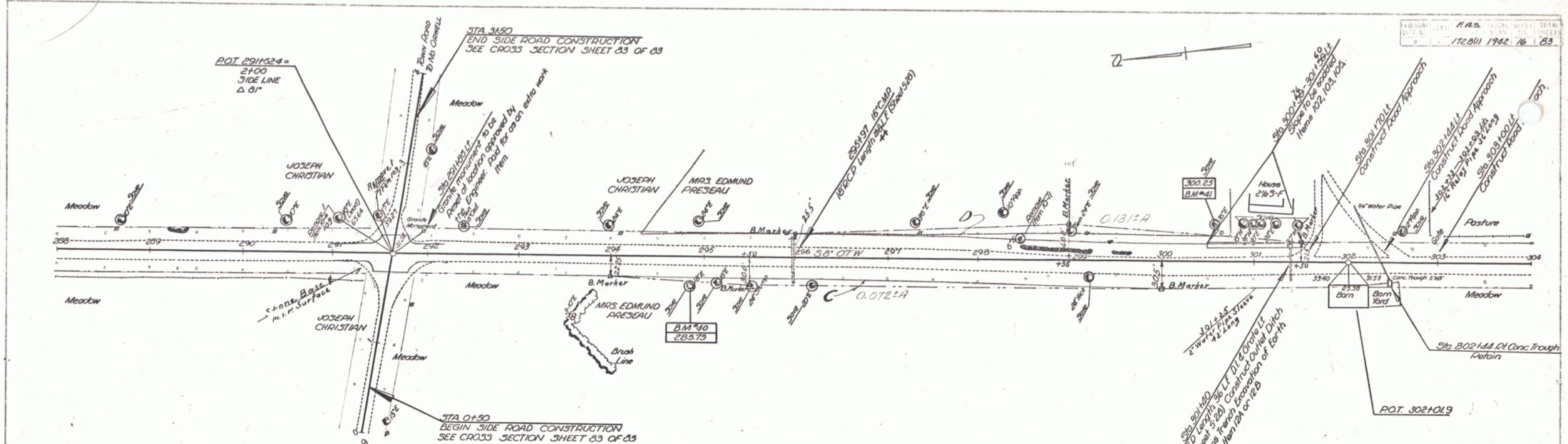


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	ORWELL PAGE	DATE	REMARKS
B	WDOE	11-20-41	JOSEPH & ALBINA CHRISTIAN	ST. OF VT.	26	347	12-12-41	
B	WDOE	7-15-42	JOSEPH & ALBINA CHRISTIAN	ST. OF VT.	26	413	8-12-42	



B.M. #38 Spike in Root of 15' Elm 49.5 ft. Lt. of Sta. 280+04 Elev. 278.62  
 B.M. #39 Spike in Root of 24' Elm 32.7 ft. Lt. of Sta. 287+12 Elev. 281.93  
 B.M. #37A Spot on Ledge 20 ft. Rt. of Sta. 274+25 Elev. 267.19

SHORHAM ORWELL  
 SERIES #15 No. 178.910  
 SHEET 13 OF 13

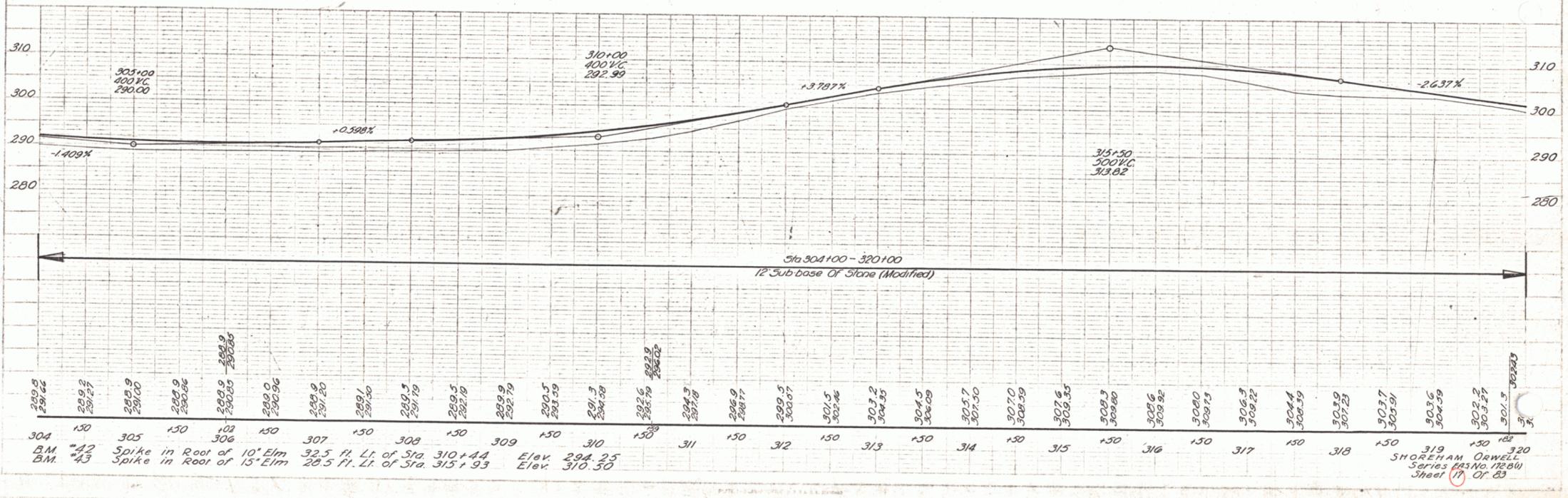
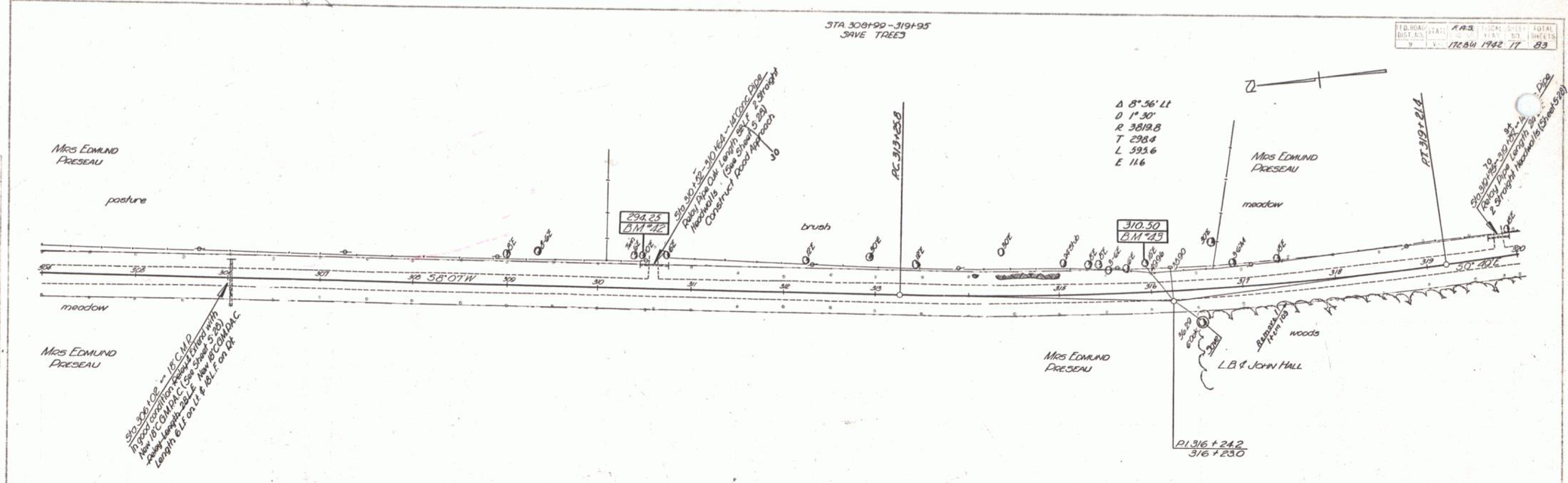


PLAN  
 CLARK  
 TRACED

A. S. LITTLE  
 DRAWN

STA 308+90 - 319+95  
SAVE TREES

PL. DRAWN	DATE	SHEET	TOTAL
17684	1942.17	83	83

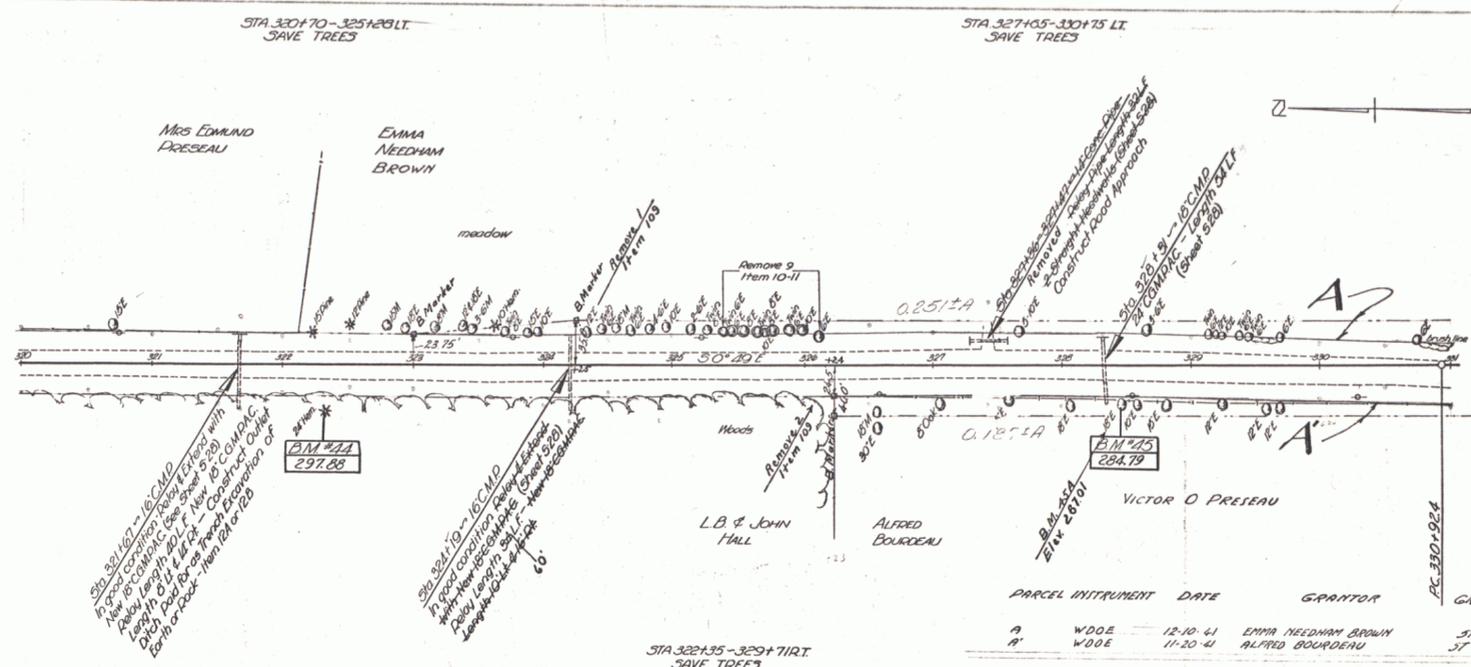


PLAN  
SHEET NO. 83  
DATE 1942.17

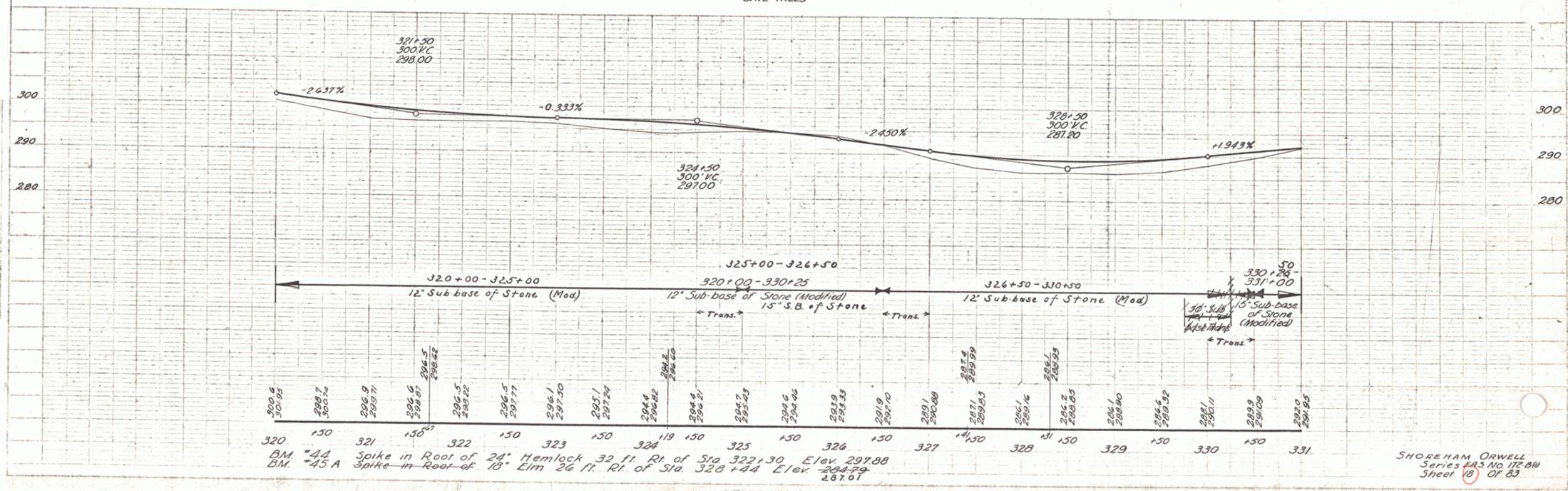
ENGINEER  
G. A. ADRIANO

304 B.M. #12 Spike in Root of 10' Elm  
305 B.M. #13 Spike in Root of 15' Elm  
306 32.5 ft. Lt. of Sta 310+44  
307 20.5 ft. Lt. of Sta 315+93  
310 Elev. 294.25  
310 Elev. 310.50

319 SHOREHAM ORWELL  
Series 243 No. 1284  
Sheet 17 of 83



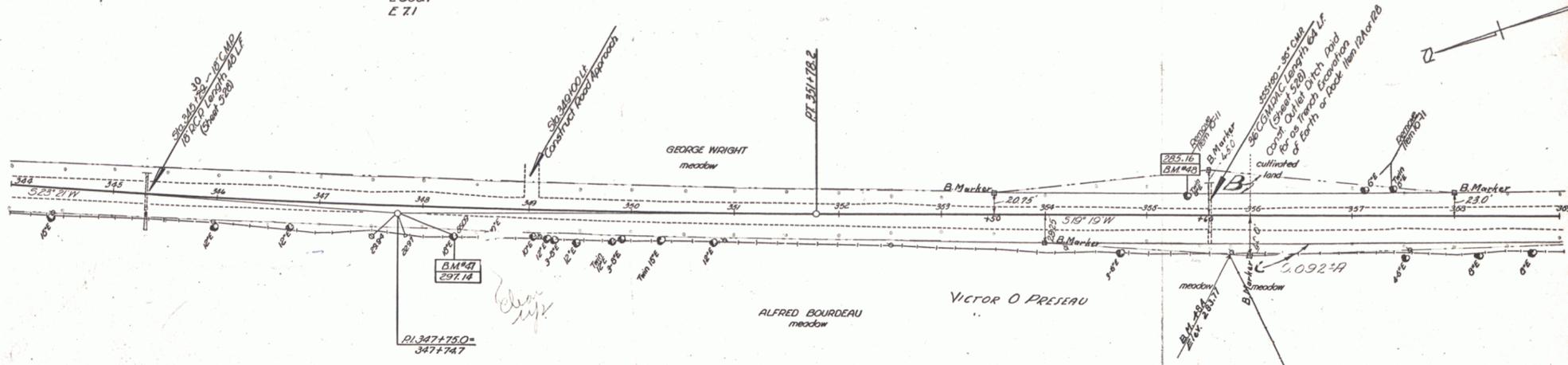
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED
A	W.D.D.E.	12-30-41	EMMA NEEDHAM BROWN	57' OF IT	ORWELL 26 325 12-27-41
A'	W.D.D.E.	11-20-41	ALFRED BOURGEOIS	57' OF IT	26 352 12-12-41



SHOREHAM ORWELL  
 Series 423 No 17280  
 Sheet 18 OF 83

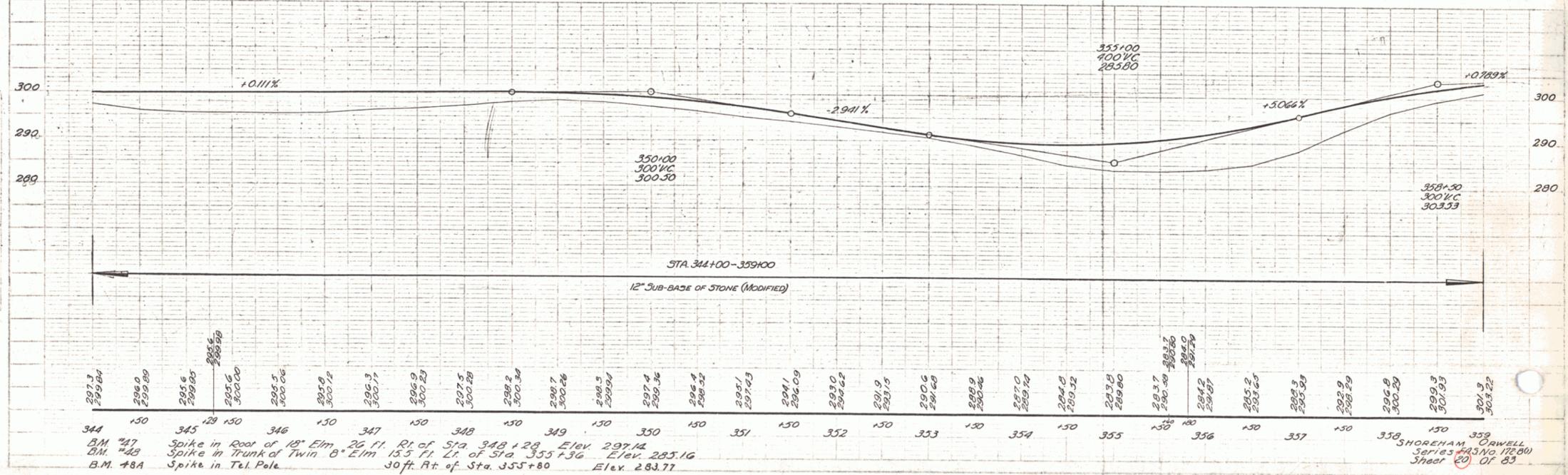


Δ 4°02'14"  
 D 0°30'  
 R 11459.2  
 T 403.5  
 L 806.7  
 E 71



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED ORWELL	REMARKS
B	W.D.O.E.	12.9.41	GEORGE B. WRIGHT	ST. OF VT.	26 346	12.12.41
C	W.D.O.E.	11.20.41	ALFRED BOURDEAU	ST. OF VT.	26 352	12.12.41

STA 344+40 - 358+75 RT. SAVE TREES



PLAN  
 SCALE 1" = 40'  
 DATE 12/12/41

PROFILE  
 SCALE 1" = 40'  
 DATE 12/12/41

SHOREHAM CORWELL  
 SERIES 143 NO 17280  
 SHEET 20 OF 83

