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3	BANKING AND WIDENING TABLES
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17	STANDARD STRUCTURE SHEET S-28 PIPE CULVERTS
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27	DETAILS OF 3-72" CGMPAC CULVERTS AT STA. 1010+58
28-30	DETAILS OF SUPERSTRUCTURE AND ABUTS OF "T"-BEAM BRIDGE STA. 1043+75
31-33	DETAILS OF SUPERSTRUCTURE AND ABUTS OF "T"-BEAM BRIDGE STA. 1079+80
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STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER

S-28	APRIL 26, 1941
S-30	MAY 12, 1941
S-30A	APRIL 19, 1941
S-40	DEC. 18, 1945

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

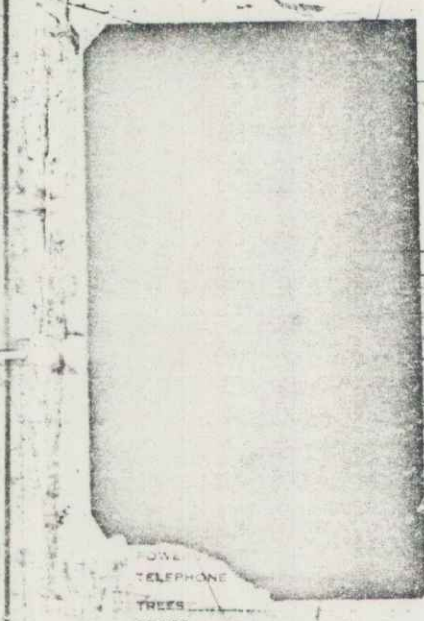
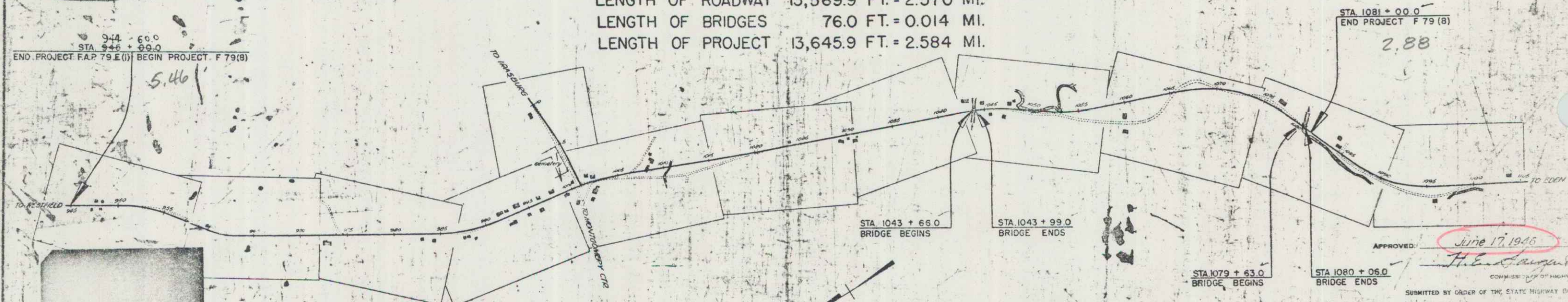
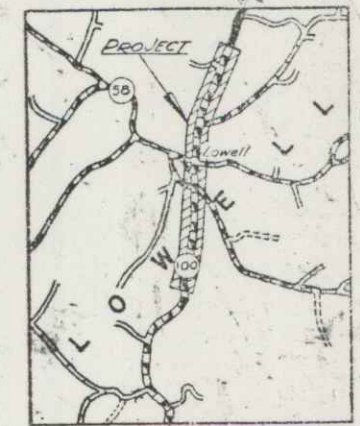
TOWN OF LOWELL

VERMONT ROUTE 100
NEWPORT - HYDE PARK ROAD

BEGINNING AT A POINT ON VERMONT ROUTE 100, 8284 FEET SOUTH OF THE WESTFIELD-LOWELL TOWN LINE AND EXTENDING SOUTHERLY 13,645.9 FEET

LENGTH OF ROADWAY 13,569.9 FT. = 2.570 MI.
LENGTH OF BRIDGES 76.0 FT. = 0.014 MI.
LENGTH OF PROJECT 13,645.9 FT. = 2.584 MI.

PER ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	PLAN NO.	SHEET NO.
9	Vt.	79(8)	1946	1	117



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.
POINT ON TANGENT	P. O. T.

SCALES

TITLE	1" = 300'
TYPICAL	1" = 25'
PLAN	1" = 50'
PROFILE	HORIZONTAL 1" = 50'
	VERTICAL 1" = 10'
CROSS SECTIONS	1" = 5'

RECORD PLANS
Prepared by Gary L. Goidl, July 5, 1948
Revised by J. Durfee

PROJECT F 79(8)
Plan 01R291

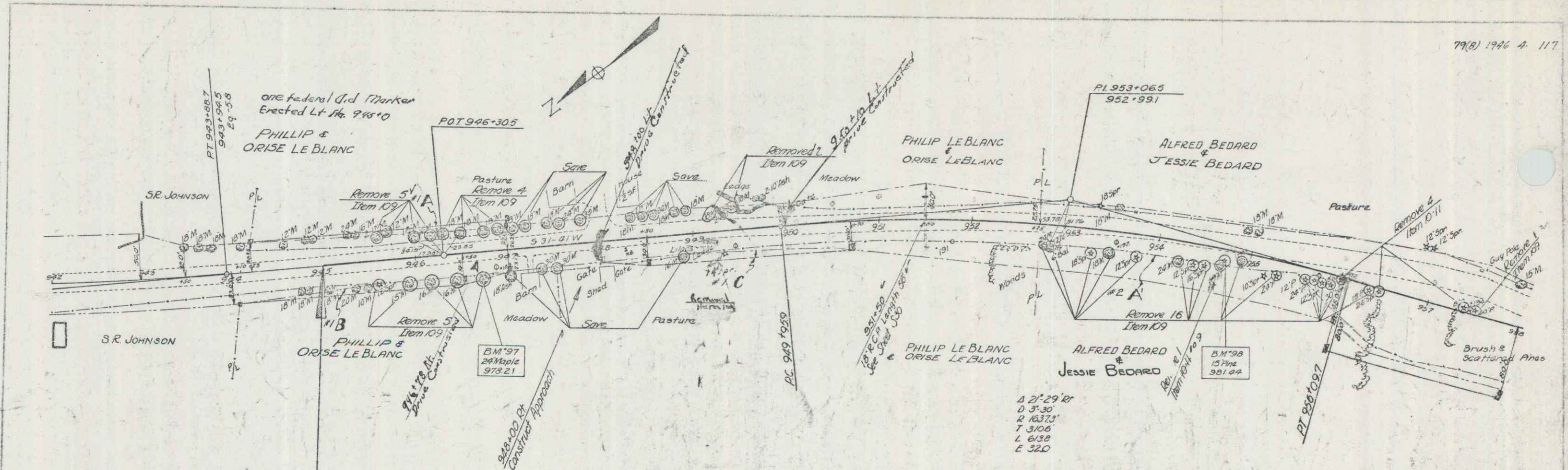
APPROVED: June 17, 1946
H. E. ...
COMMISSIONER OF HIGHWAYS

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, 1935, BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED: [Signature] HIGHWAY ENGINEER
APPROVED: [Signature] DISTRICT HIGHWAY COMMISSIONER
SERIES F - NO. 79(8) FILED
SHEET 1 OF 117

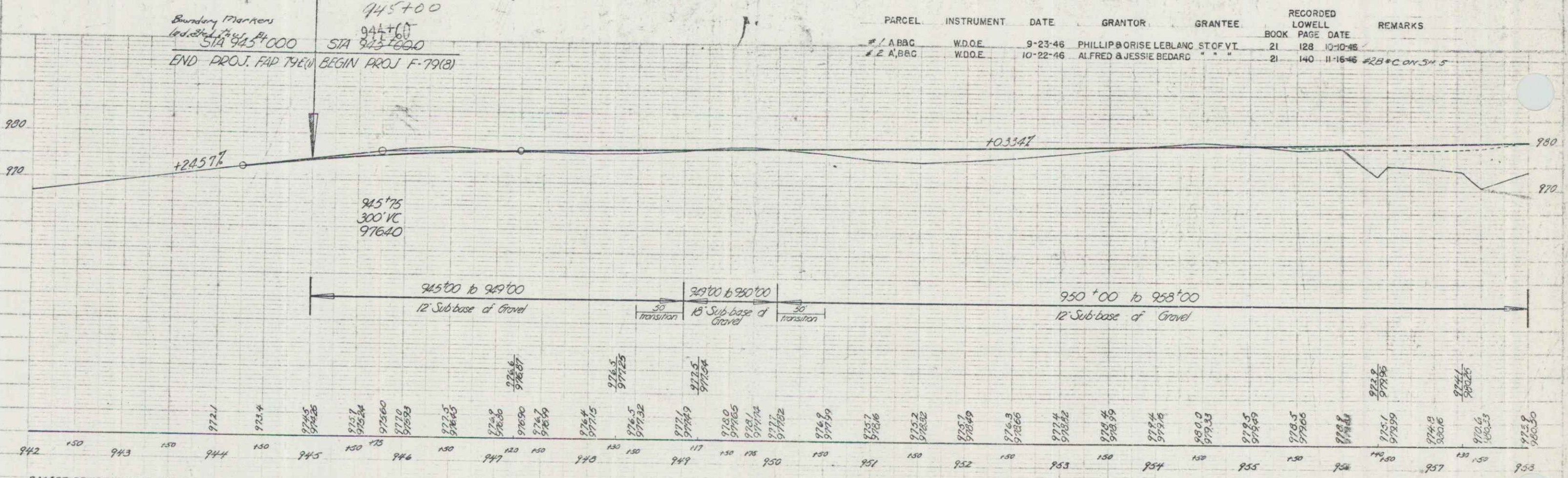
107 101 85



PLAN
 SCALE 1" = 40'
 DATE 12/19/45
 DRAWN BY [illegible]

PROFILING
 SCALE 1" = 10'
 DATE 12/19/45
 DRAWN BY [illegible]

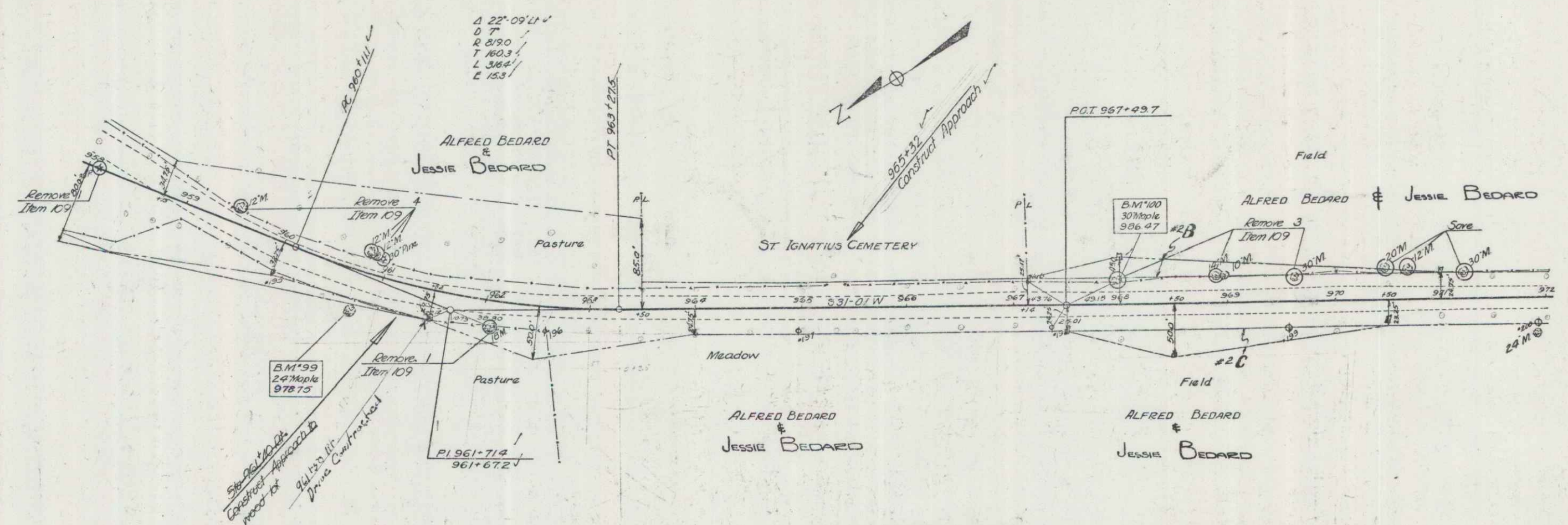
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
#					BOOK	PAGE DATE
# 1 A, B, C	W.D.O.E.	9-23-46	PHILLIP & ORISE LEBLANC	ST OF VT.	21	128 10-10-45
# 2 A, B, C	W.D.O.E.	10-22-46	ALFRED & JESSIE BEDARD	" "	21	140 11-16-46 #2B+C ON 34' S



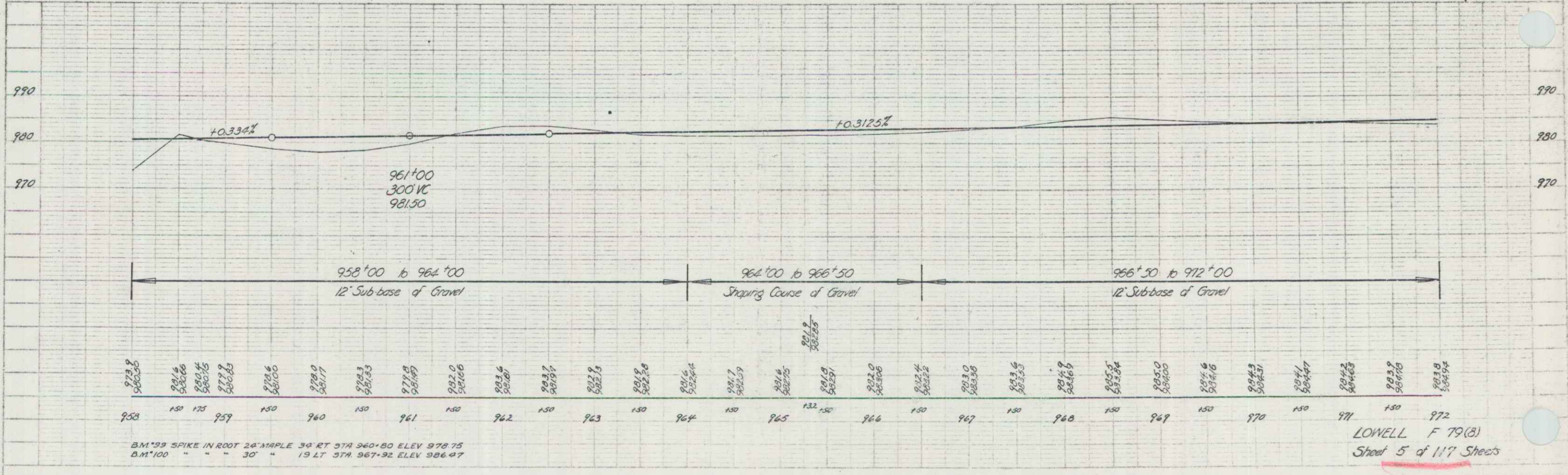
B.M. 97 SPIKE IN ROOT 2 1/2" MAPLE 2 1/2" RT STR 946+70 ELEV 978.21
 B.M. 98 " " " 1 1/2" PINE 10' RT STR 954+72 ELEV 981.44

LOWELL F 79(B)
 Sheet 4 of 117 Sheets

Spanning 9403
 12895
 12895
 12895



Spanning 11145
 12895
 12895
 12895



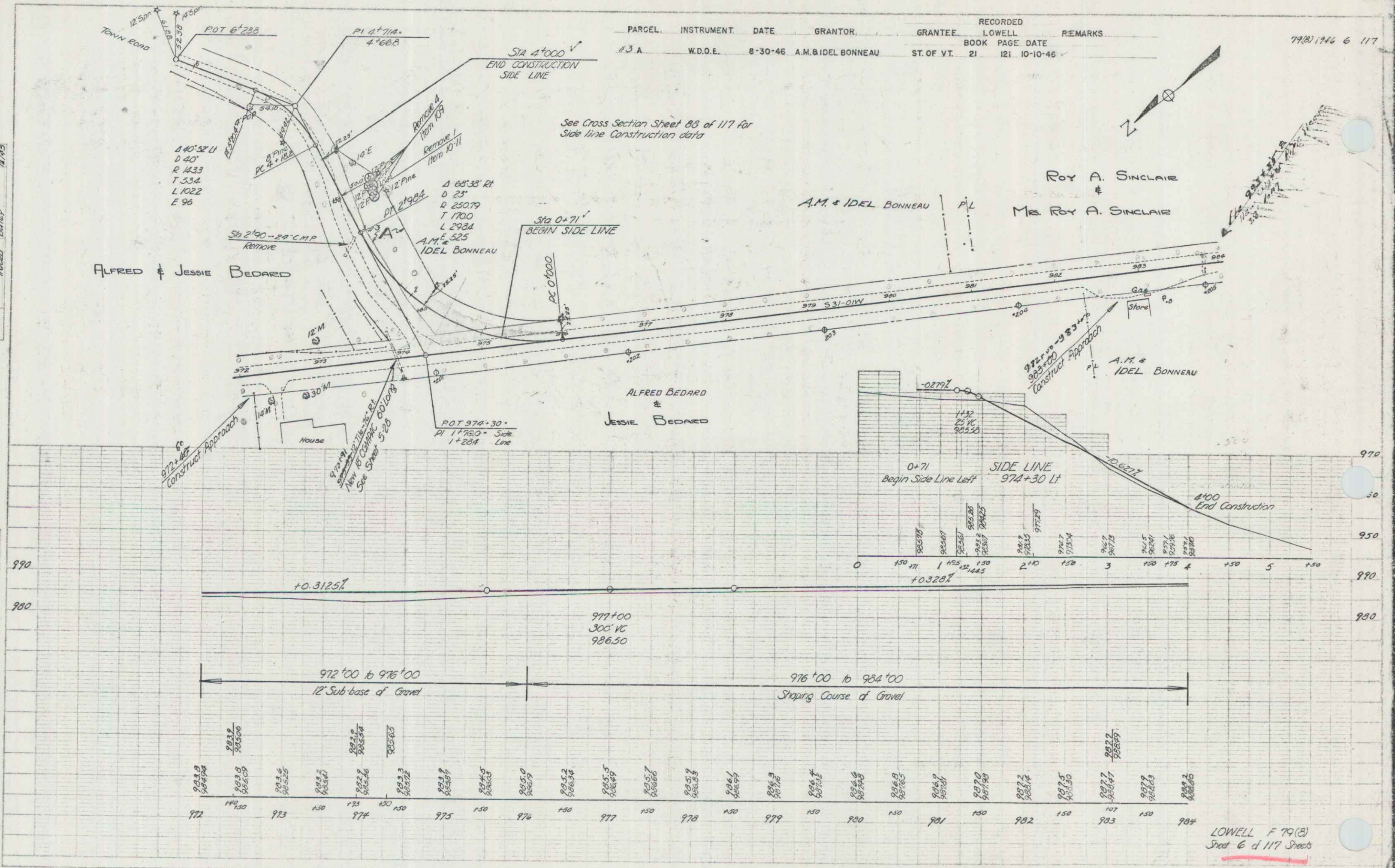
LOWELL F 79(B)
 Sheet 5 of 117 Sheets

PLAN
 DATE: 8-30-46
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]
 SCALE: 1" = 40'

PROFILE
 DATE: 8-30-46
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]
 SCALE: 1" = 10'

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
13 A	W.D.O.E.	8-30-46	A.M. & IDEL BONNEAU	ST. OF VT.	BOOK PAGE DATE 21 121 10-10-46	

79(2) 1746 6 117

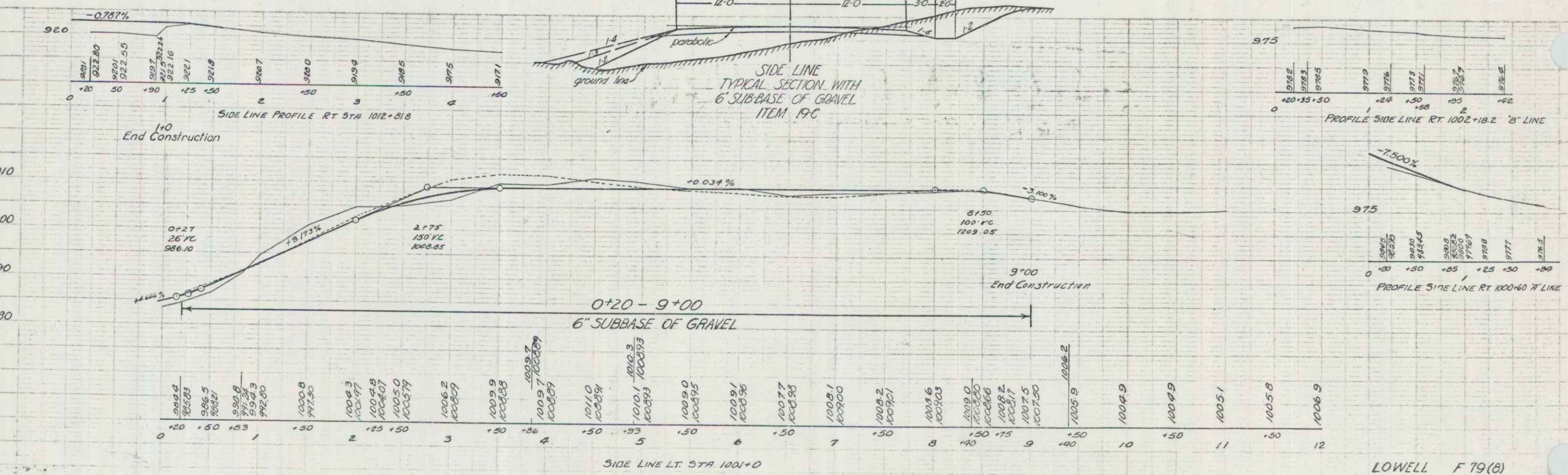
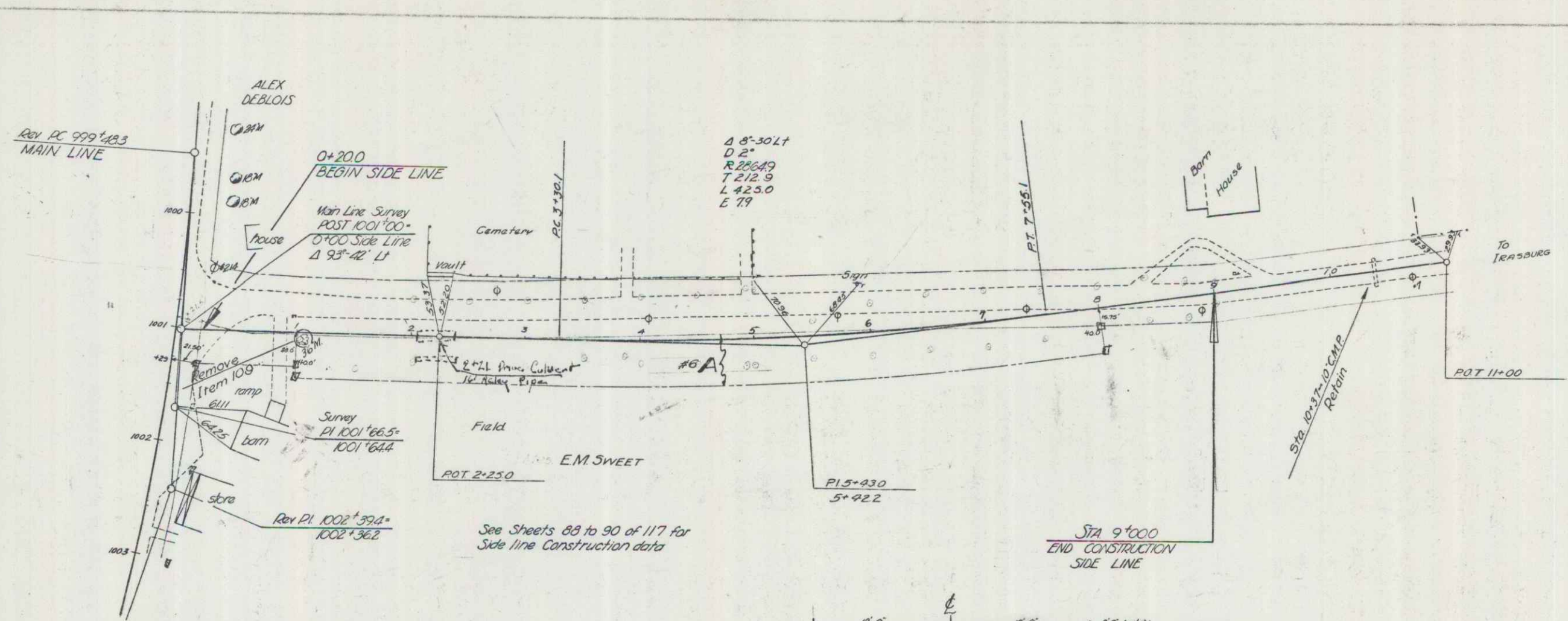


LOWELL F 79(2)
 Sheet 6 of 117 Sheets



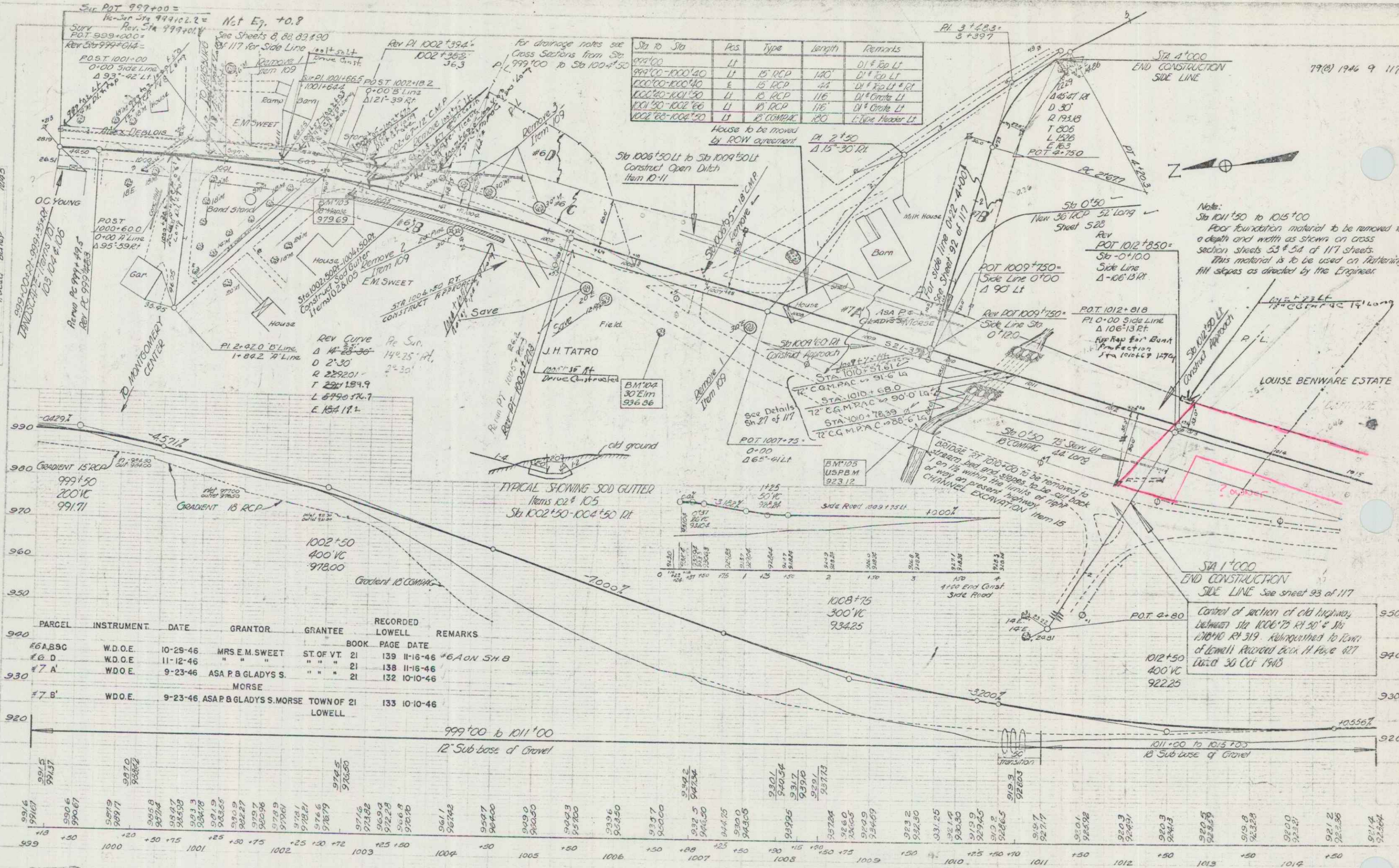
Spanning 5/45
Toward Bully 12/45

Spanning 11/45

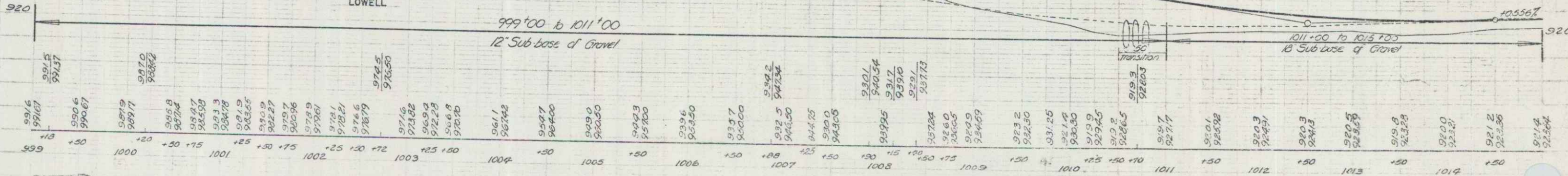


79(2) 1946 9 117

Sta to Sta	Pos	Type	Length	Remarks
999+00	LI	15' RCP	140'	D1 4" 60' LT
999+00-1000+40	LI	15' RCP	40'	D1 4" 60' LT
1000+00-1000+40	E	15' RCP	40'	D1 4" 60' LT
1000+40-1001+50	LI	15' RCP	110'	D1 4" 60' LT
1001+50-1002+00	LI	15' RCP	50'	D1 4" 60' LT
1002+00-1004+50	LI	15' COMPACT	250'	L-Type Header LT



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED LOWELL	REMARKS
#6A.B.9C	W.D.O.E.	10-29-46	MRS E.M. SWEET	ST. OF VT	21 139 11-16-46	#6A ON SH. B
#6.D	W.D.O.E.	11-12-46	"	"	21 138 11-16-46	
#7.A	W.D.O.E.	9-23-46	ASA P.B. GLADYS S.	"	21 132 10-10-46	
#7.B'	W.D.O.E.	9-23-46	ASA P.B. GLADYS S. MORSE	TOWN OF 21 LOWELL	133 10-10-46	



999+00 to 1011+00
12" Sub-base of Gravel

1011+00 to 1015+00
18" Sub-base of Gravel

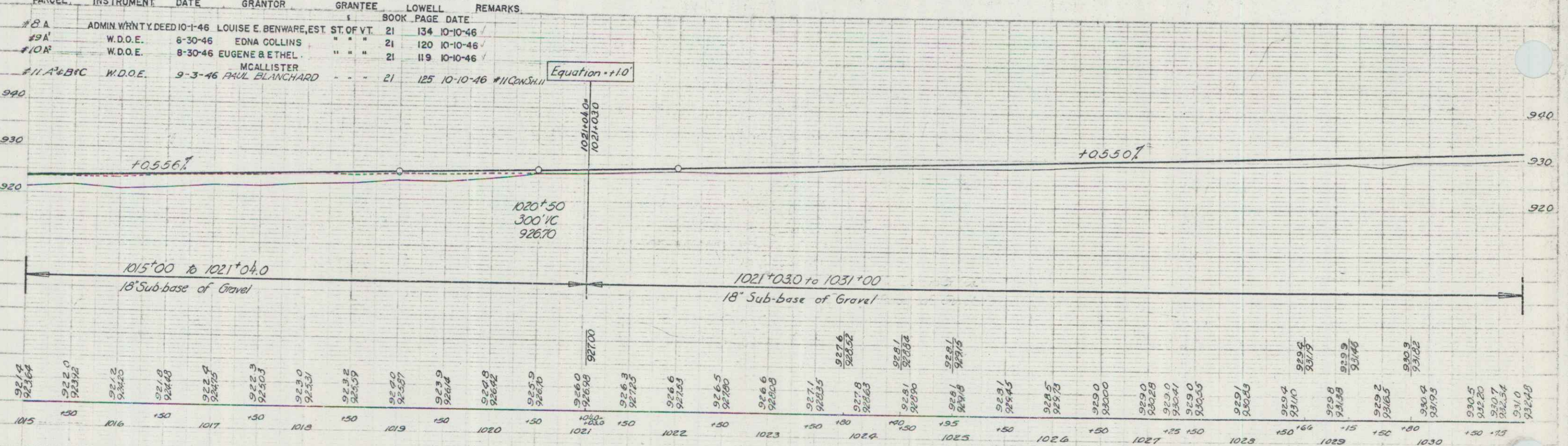
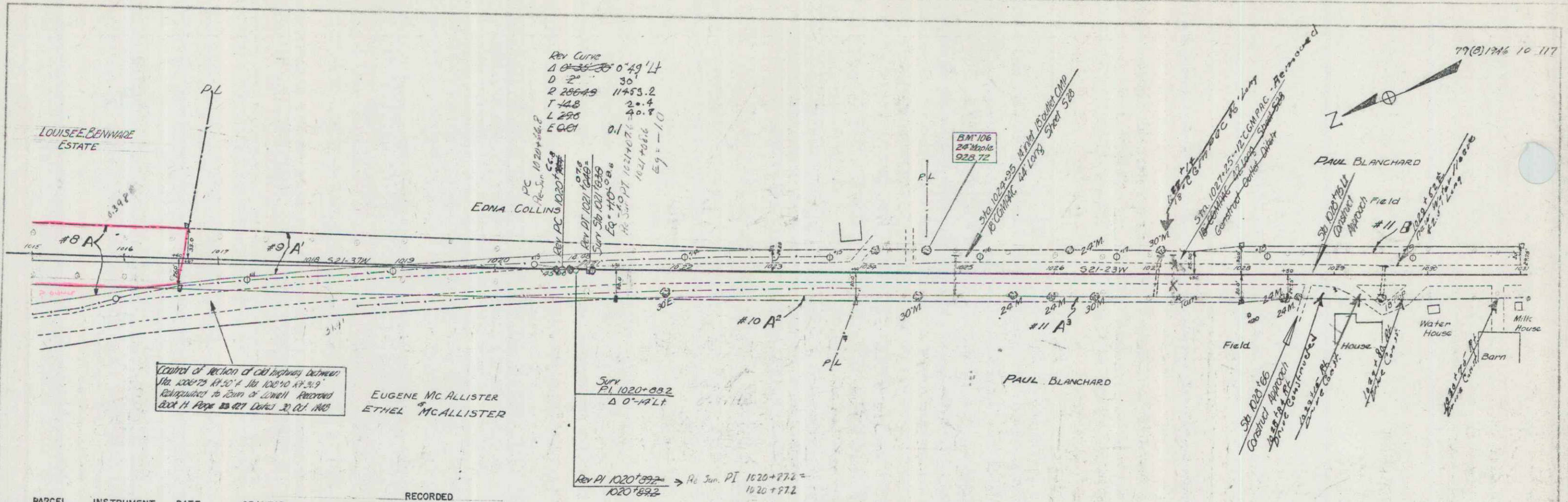
Note:
Sta 1011+50 to 1015+00
Floor foundation material to be removed to a depth and width as shown on cross section sheets 53 & 54 of 117 sheets.
This material is to be used on hatching fill slopes as directed by the Engineer.

Control of section of old highway between Sta 1006+75 R/L 30' & Sta 1010+40 R/L 319' relinquished to Town of Lowell. Reverted Dec 11, 1943. Laid 30 Oct 1943.

LOWELL F 75
Sheet 9 of 117 Sheets

PLAN
 DATE: 12/95
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]

Profile
 DATE: 1/05
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]

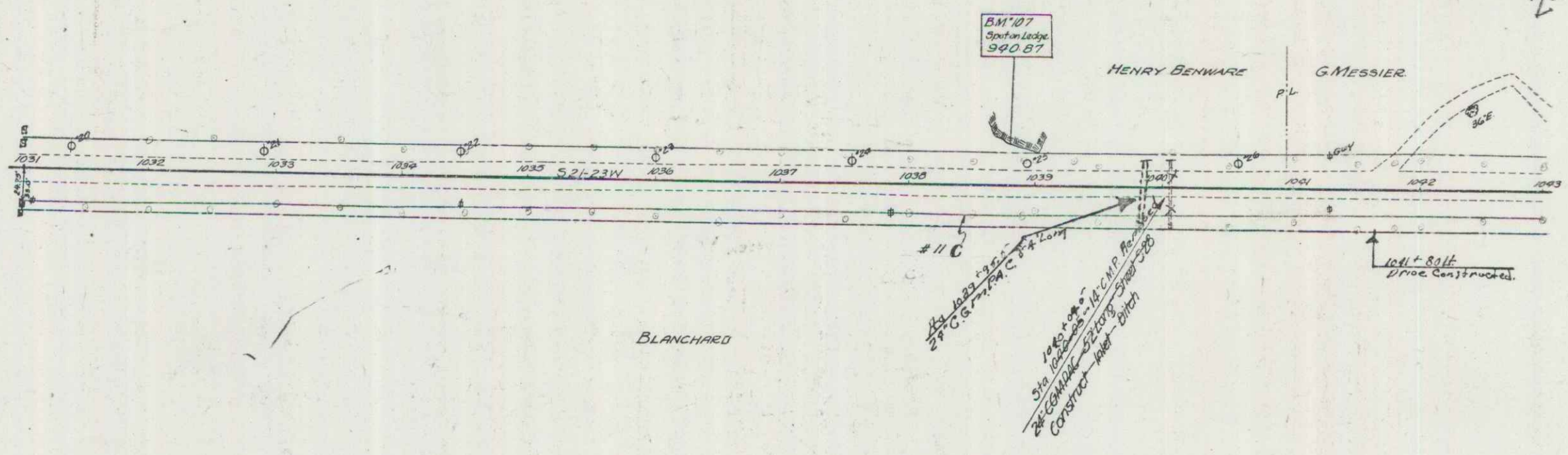


PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
#8A	ADMIN WHTY DEED	10-1-46	LOUISE E. BENWARE, EST	ST. OF VT.	21	134 10-10-46
#9A	W.D.O.E.	8-30-46	EDNA COLLINS	"	21	120 10-10-46
#10A	W.D.O.E.	8-30-46	EUGENE & ETHEL MCALLISTER	"	21	119 10-10-46
#11A+B+C	W.D.O.E.	9-3-46	PAUL BLANCHARD	"	21	125 10-10-46 #11 CON'S

LOWELL F 79(B)
 Sheet 10 of 117 Sheets

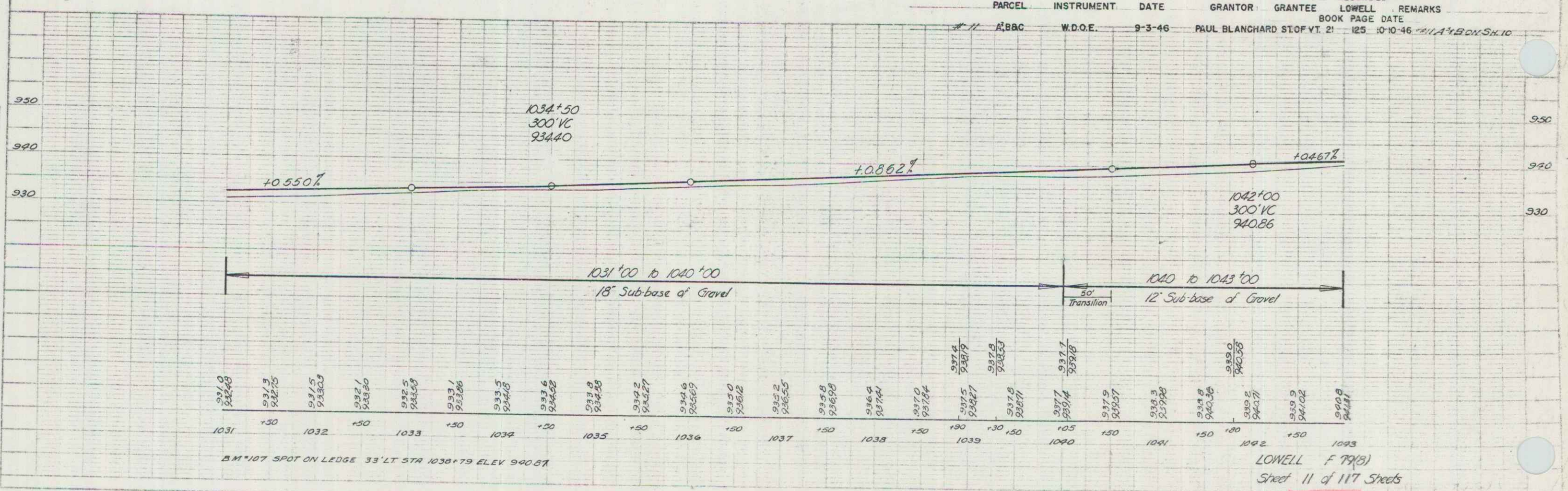
79(B) 1946 11 117

PLAN
 DRAWN BY: Spaulding 9/45
 CHECKED BY: Thayer 10/45



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK PAGE DATE	REMARKS
# 11	A, B, C	W.D.O.E.	9-3-46	PAUL BLANCHARD ST OF VT. 21	125 10-10-46	11A-B-C-S-L-D

PROFILE
 DRAWN BY: Spaulding 11/45
 CHECKED BY: Thayer 12/45



BM *107 SPOT ON LEDGE 33' LT STA 1038 + 79 ELEV 940.87

LOWELL F 79(B)
 Sheet 11 of 117 Sheets

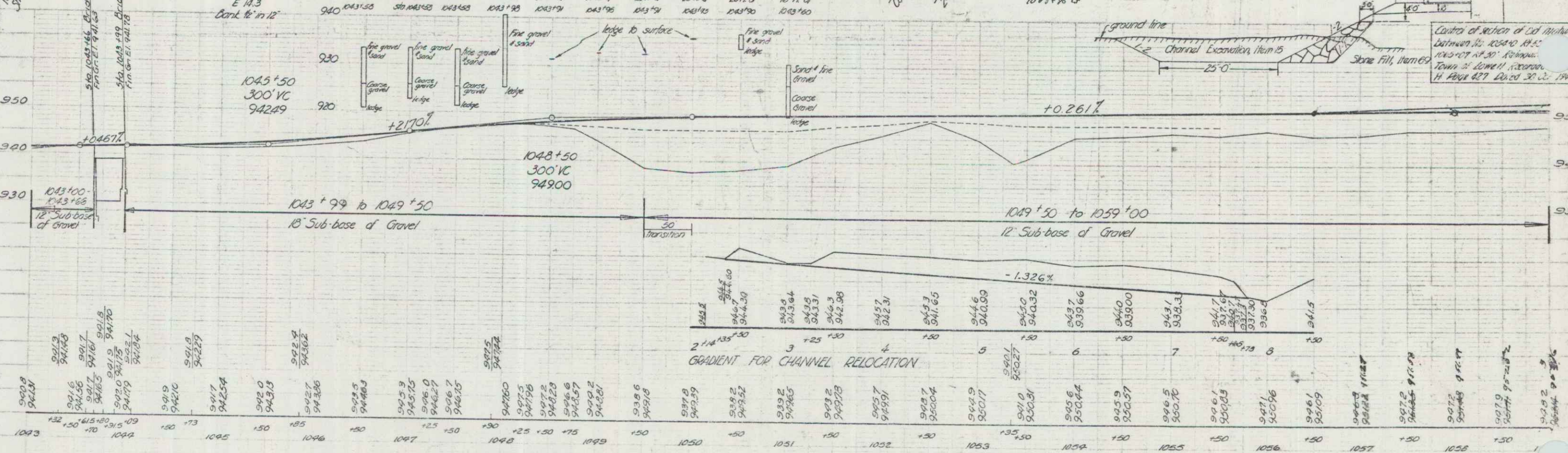
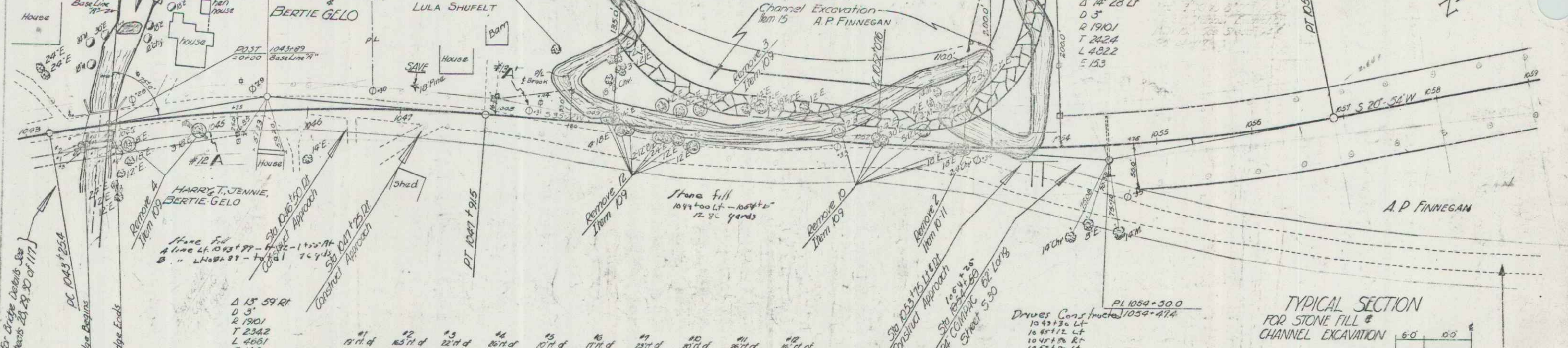
BRIDGE DATA

NEW CONSTRUCTION		OLD	
Type	Conc T-Beam	Type	Conc T-Beam
Overall Span	33'-0"	Overall Span	33'-0"
Clear Span	30'-0"	Clear Span	30'-0"
Clear Height	8'-0"	Clear Height	8'-0"
Roadway Width	12'-0"	Roadway Width	12'-0"
Waterway	12'-0"	Waterway	12'-0"
stream data		stream data	
Velocity		Velocity	
Drift		Drift	
Ice Conditions		Ice Conditions	

Sta 1043+89 ± LT
Channel Excav, Item 15 & Stone Fill, Item 69
See X-section sheets 61-64 of 117

Sta 1049+45 ± LT - Sta 1053+75 ± LT
Channel Excav, Item 15 & Stone Fill, Item 69
See X-section sheets 67-69 of 117.

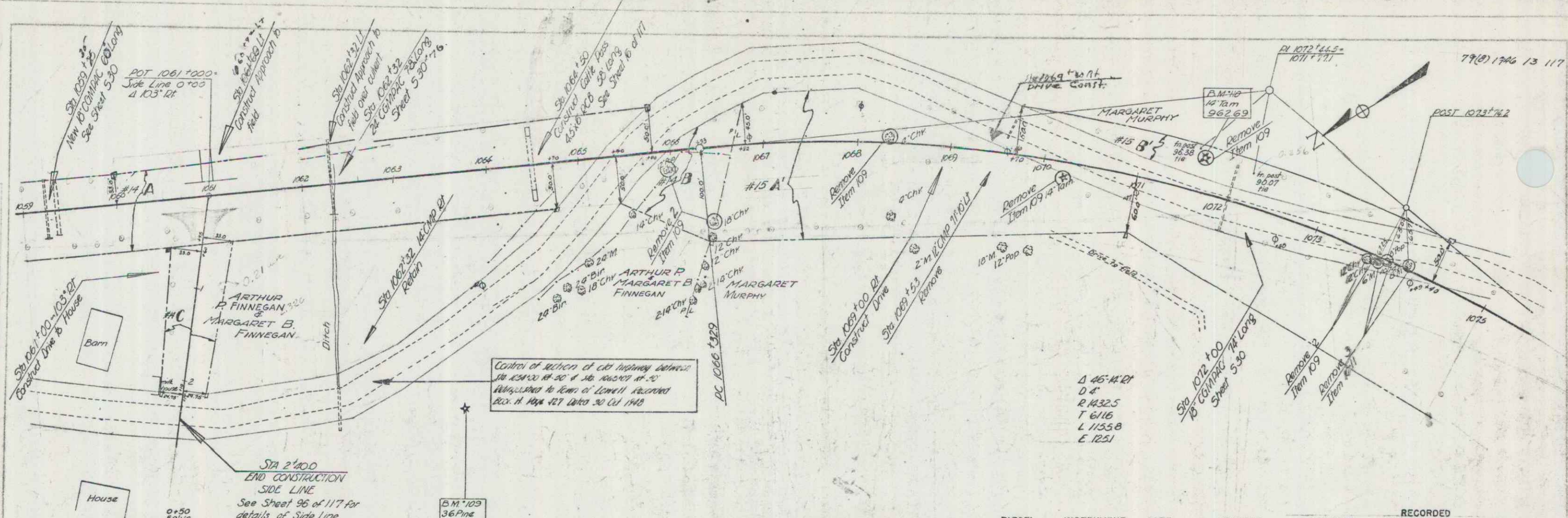
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	REMARKS
12 A	W.D.O.E.	10-1-46	HARRY T, JENNIE & JENNIE GELO	STOF VT. 21	135 10-10-46	
12 B	W.D.O.E.	9-13-46	LULA SHUFELT	STOF VT. 21	126 10-10-46	



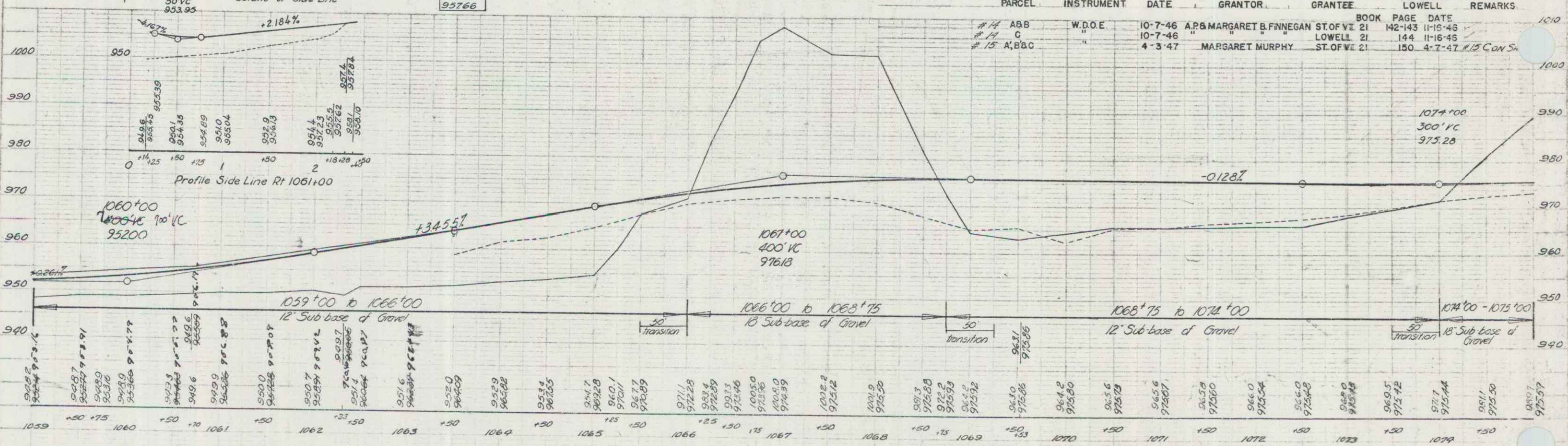
B.M. 108 SPIKE IN ROOT 12 ELM TO LT STA 1048+60 ELEV 943.56

LOWELL F 79(3)
Sheet 12 of 117 Sheets

Spanning 945
 Traced Butler 1845



Spanning 1145



BM 109 SPIKE IN ROOT 36 PINE 217 RT STA 1063+67 ELEV 95766
 BM 110 " " " 19 TRM 110 LT STA 1071+50 ELEV 96269

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED LOWELL	REMARKS
#14 A&B	W.D.O.E.	10-7-46	A.P. & MARGARET B. FINNEGAN	ST. OF VT. 21	BOOK 142 PAGE 143	11-15-43
#14 C	"	10-7-46	"	"	LOWELL 21	144 11-16-43
#15 A, B & C	"	4-3-47	MARGARET MURPHY	ST. OF VT. 21	150	4-7-47 R. 15 CON. S.

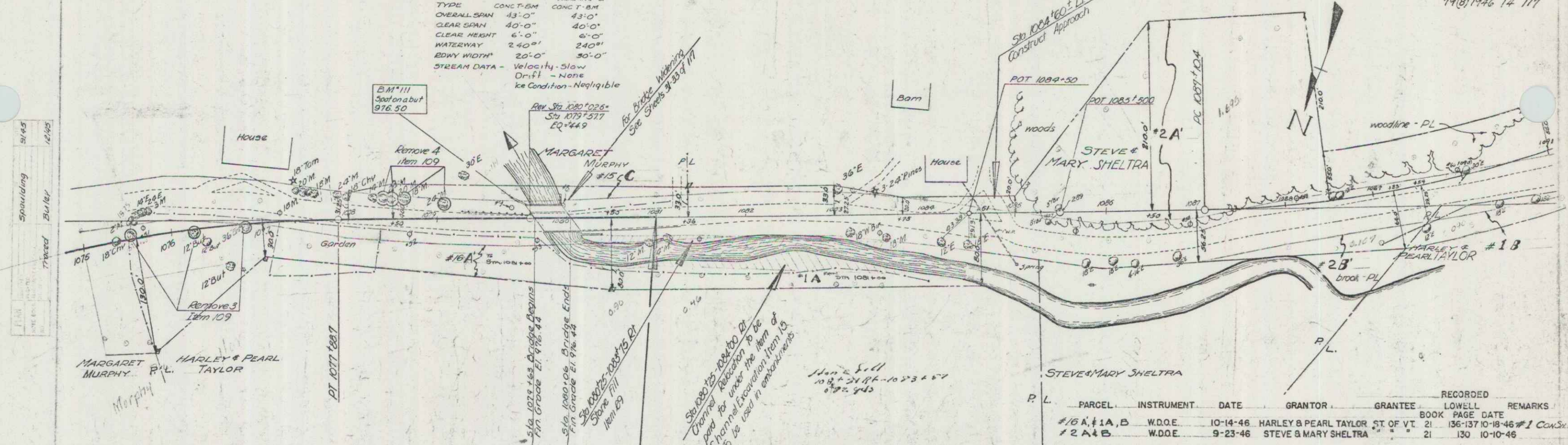
LOWELL F 79 (8)
 Sheet 13 of 117 Streets

BRIDGE CONTRACTED
 BY MARGARET MURPHY
 1077 1078 1079

BRIDGE DATA NEW CONSTRUCTION

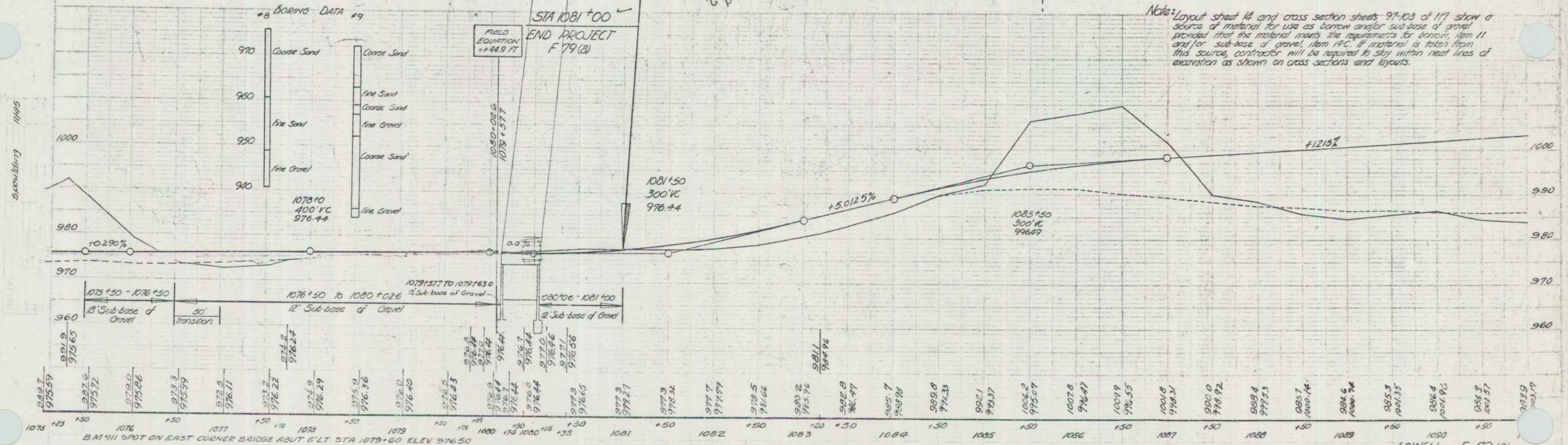
TYPE	CONC.T-BM	CONC.T-BM
OVERALL SPAN	43'-0"	43'-0"
CLEAR SPAN	40'-0"	40'-0"
CLEAR HEIGHT	6'-0"	6'-0"
WATERWAY	24'-0"	24'-0"
BODY WIDTH	20'-0"	50'-0"
STREAM DATA	Velocity - Slow	Drift - None
		Ice Condition - Negligible

79(8)1946 14 117



P. L.	PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	LOWELL	REMARKS
	#16 A, #1A, B	W.D.O.E.	10-14-46	HARLEY & PEARL TAYLOR	ST. OF VT.	21	136-137	10-18-46 #1 Con. S. 17
	#2 A, B	W.D.O.E.	9-23-46	STEVE & MARY SHELTRA		21	130	10-10-46

Note: Layout sheet 14 and cross section sheets 97-103 of 117 show a source of material for use as borrow and/or sub-base of gravel provided that the material meets the requirements for borrow, item 11 and for sub-base of gravel, item 14C. If material is taken from this source, contractor will be required to stay within neat lines of excavation as shown on cross sections and layouts.



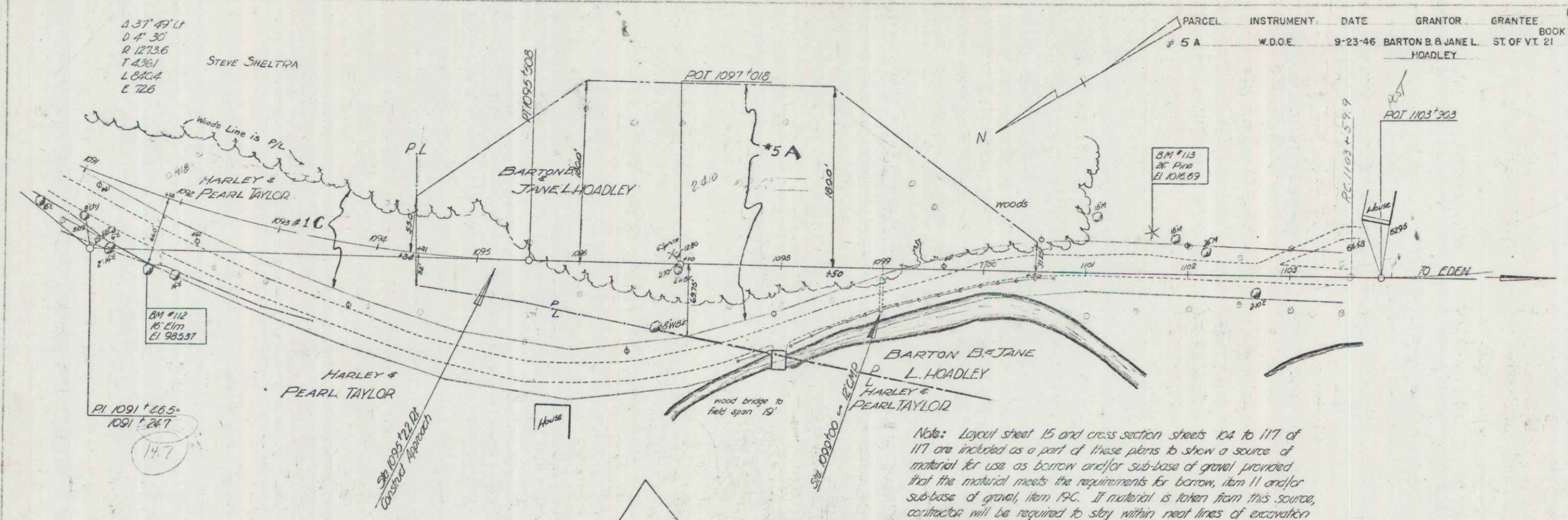
LOWELL F 79 (8)
 Sheet 14 of 117 Sheets

437' 49" LI
 D 4' 30"
 R 1273.6
 T 4.361
 L 840.4
 E 12.6

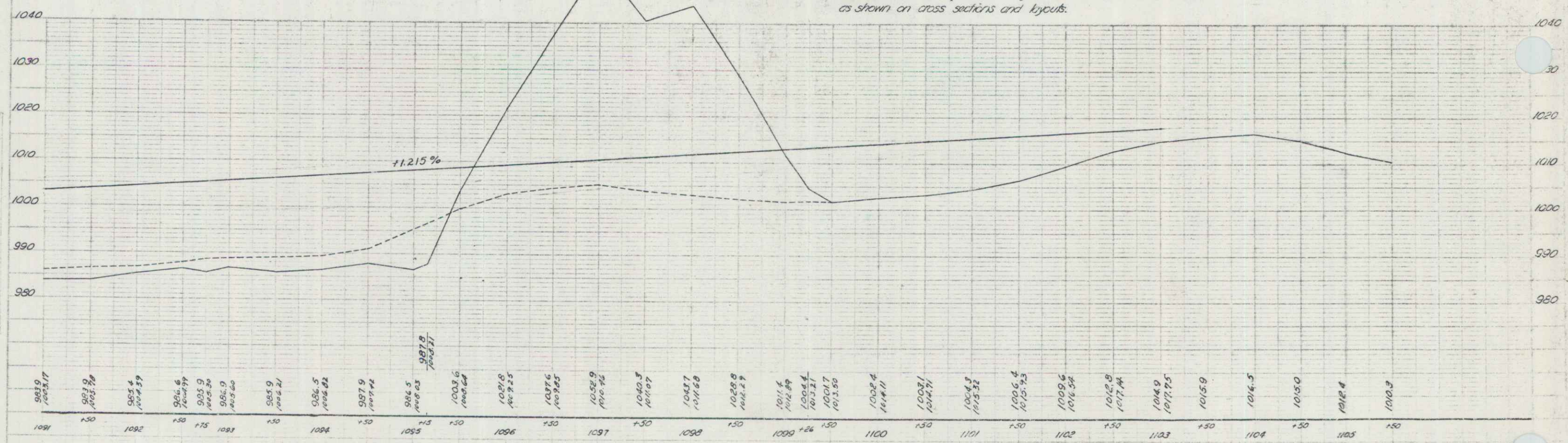
STEVE SHELTRA

Surveying
 1-23
 LAYIN L
 17862
 1-40

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED LOWELL	REMARKS
# 5 A	W.D.O.E.	9-23-46	BARTON B. & JANE L. HOADLEY	ST. OF VT. 21 HOADLEY	BOOK PAGE DATE 131 10-10-46	



Note: Layout sheet 15 and cross section sheets 104 to 117 of 117 are included as a part of these plans to show a source of material for use as borrow and/or sub-base of gravel provided that the material meets the requirements for borrow, item 11 and/or sub-base of gravel, item 19C. If material is taken from this source, contractor will be required to stay within neat lines of excavation as shown on cross sections and layouts.



983.9 1003.17	983.9 1003.17	985.4 1004.59	986.6 1005.74	985.9 1005.30	986.9 1005.60	985.9 1005.21	986.5 1005.82	987.9 1007.44	986.5 1006.63	987.8 1008.27	1003.6 1008.64	1001.6 1009.25	1007.6 1009.85	1002.9 1010.74	1040.3 1011.67	1042.7 1011.68	1028.8 1012.29	1011.6 1012.89	1006.4 1013.21	1001.7 1013.55	1008.2 1014.11	1007.1 1014.71	1006.4 1015.24	1006.4 1015.25	1005.6 1016.58	1012.9 1017.44	1014.9 1017.85	1015.9 1018.59	1016.5 1019.5	1015.0 1019.5	1012.4 1019.5	1010.3 1019.3	
1091	+50	1092	+50	1093	+75	1094	+50	1095	+50	1096	+50	1097	+50	1098	+50	1099	+26	1100	+50	1101	+50	1102	+50	1103	+50	1104	+50	1105	+50	1106	+50	1107	+50

LOWELL F 79 (8)
 Sheet 15 of 117 Sheets