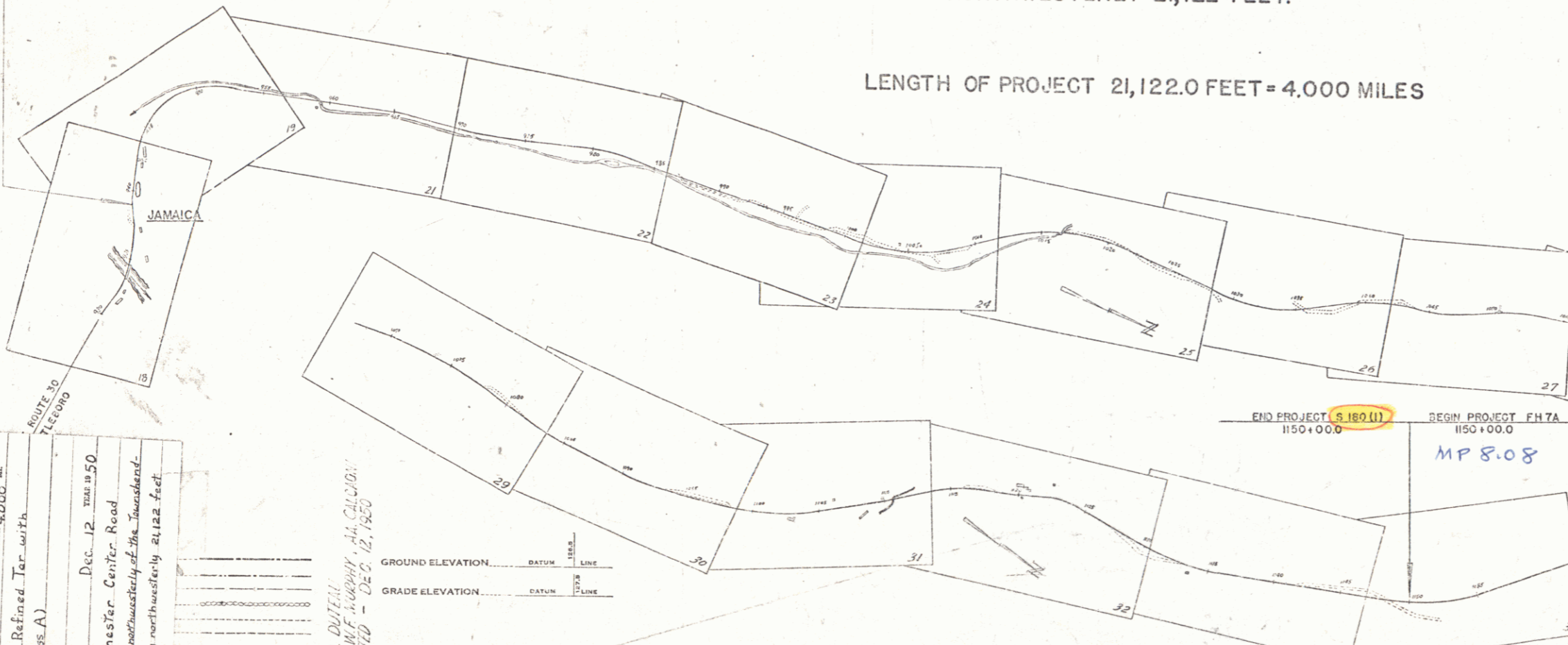


INDEX OF SHEETS	
SHEET NO. 1	TITLE PAGE
2	TYPICAL CROSS-SECTION OF IMPROVEMENT (DOUBLE TACK COAT OF REFINED TAR WITH PEASTONE SEAL (CLASS A), ITEM 312-A)
3	BANKING AND WIDENING TABLES
4	QUANTITY SHEET, (ITEMS)
5-6	QUANTITY SHEET, (DRAINAGE)
7-17	EARTHWORK SHEETS
18-34	PLAN AND PROFILE
35-38	STANDARD STRUCTURE SHEET: DETAILS 10' X 8' RCB STA. 959+48
37	DETAILS 8' X 9' RCB STA. 956+50
38-39	DETAILS 12' X 8' RCB STA. III+25
40	S-40 BARRICADES, SIGNS & LIGHTS
41	S-41 ROUNDING OF SLOPES
42	S-45-45 PLANK GUARD RAIL
43	S-46-45 MARKERS
44	S-47-45 PIPE CULVERTS
45	S-48-46 THREE CABLE GUARD RAIL
46	SB-II BARRICADES, SIGNS & LIGHTS (BRIDGE)
47	SC-21 CULVERT DETAILS (BRIDGE)
48-100	CROSS SECTIONS
101-102	CROSS SECTIONS (CHANNEL - 12' X 8' RCB STA. III+25)

STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS.

S-40	FEB. 28 - 1949
S-41	DEC. 3 - 1941
S-45-45	OCT. 8 - 1945
S-46-45	FEB. 28 - 1949
S-47-45	FEB. 28 - 1949
S-48-46	MAY 13 - 1946

MP 4.08
BEGIN PROJECT S-180 (1)
938+78.0



LENGTH OF PROJECT 21,122.0 FEET = 4.000 MILES

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

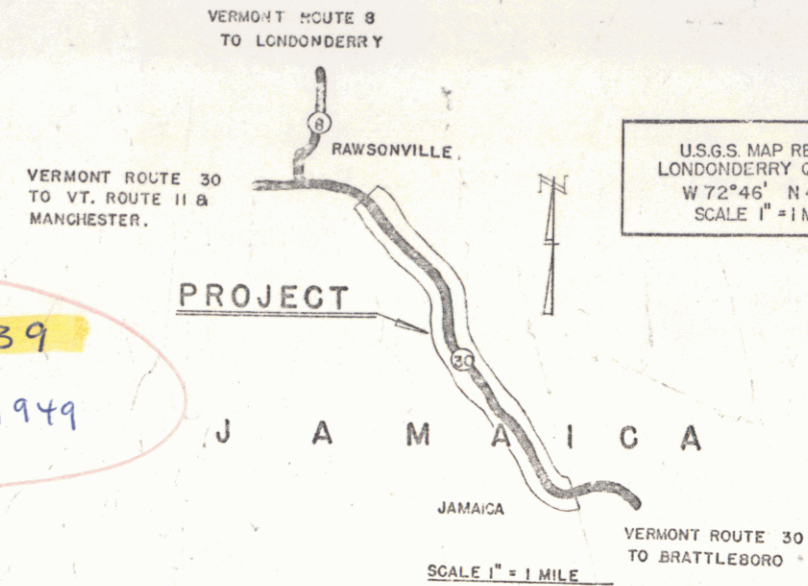
SECONDARY PROJECT

TOWN OF JAMAICA

VT. ROUTE 30

BRATTLEBORO-MANCHESTER CENTER ROAD

BEGINNING AT A POINT 21,782 FEET NORTHWESTERLY OF THE TOWNSHEND-JAMAICA TOWN LINE AND EXTENDING NORTHWESTERLY 21,122 FEET.



FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	HBO (1)	1	102

POST WAR SECONDARY J

U.S.G.S. MAP REFERENCE
LONDONDERRY QUADRANGLE
W 72°46' N 43°06'
SCALE 1" = 1 MILE

PROJECT NAME AND NUMBER	TYPE	PAVEMENT AREA
JAMAICA S-180 (1)	TYPE	PAVEMENT AREA
RECORD PLANS		
MATERIALS		
CEMENT - Portland - Air-entraining, Alpha, Atlas, Ironclad, Natural - Rosendale Nat. Cement Co.	ACCGMP - New Eng. Culvert Co. - Palmer, Mass.	
SAND } Brattleboro Sand & Gravel Co. Brattleboro, Vt.	CG RAIL - Bethlehem Steel Corp.	
GRANUL } Brattleboro, Vt.	STEEL ROYS - Bethlehem Steel Corp.	
TAR - Barrett Co. - Worcester, Mass.	CRUSHED STONE - Brattleboro Sand & Gravel Co. Northfield Washed Gravel Co. Northfield, Vt.	
PCP - Vt. Concrete Pipe Co. - Windsor, Vt.	SAND - Brattleboro Sand & Gravel Co.	
Butler Pit - East Jamaica, Walker Pit - Rawsonville, DeKamp Pit - East Jamaica, Hoaday Pit - East Townsend, Vt.	GRAVEL - Walker Pit - So. Londonderry, Vt.	
CONTRACTOR - George E. Duteau	CONTRACT DATED - June 10, 1949	
RES. ENGR. - W. B. McAllister	STARTED - June 13, 1949	
INSPECTORS - Wiley, Bentley, Doherty, Austin	COMPLETED - Dec 12, 1950	
RECORD PLANS BY: W. S. Murphy	ACCEPTED - Dec 12, 1950	

PROJECT: Jamaica
SHEET: S-180 (1)
TITLE: Double Tack Coat of Refined Tar with Peastone Seal (Class A)
DESIGNED BY: Geo. A. Duteau
LOCATION: Brattleboro-Manchester Center Road
Beginning at a point 21,782 feet northwesterly of the Townshend-Jamaica town line and extending northwesterly 21,122 feet.

JAMAICA S-180 (1)
DESIGNED BY: Geo. A. Duteau
CHECKED BY: W. S. Murphy
DATE: DEC. 12, 1950
CONSTRUCTION COMMENTED - DEC. 12, 1950

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" = 500'
TYPICAL PLAN	1" = 2'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS SECTIONS	1" = 5'

APPROVED: 18 FEB. 1949
H. E. August
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

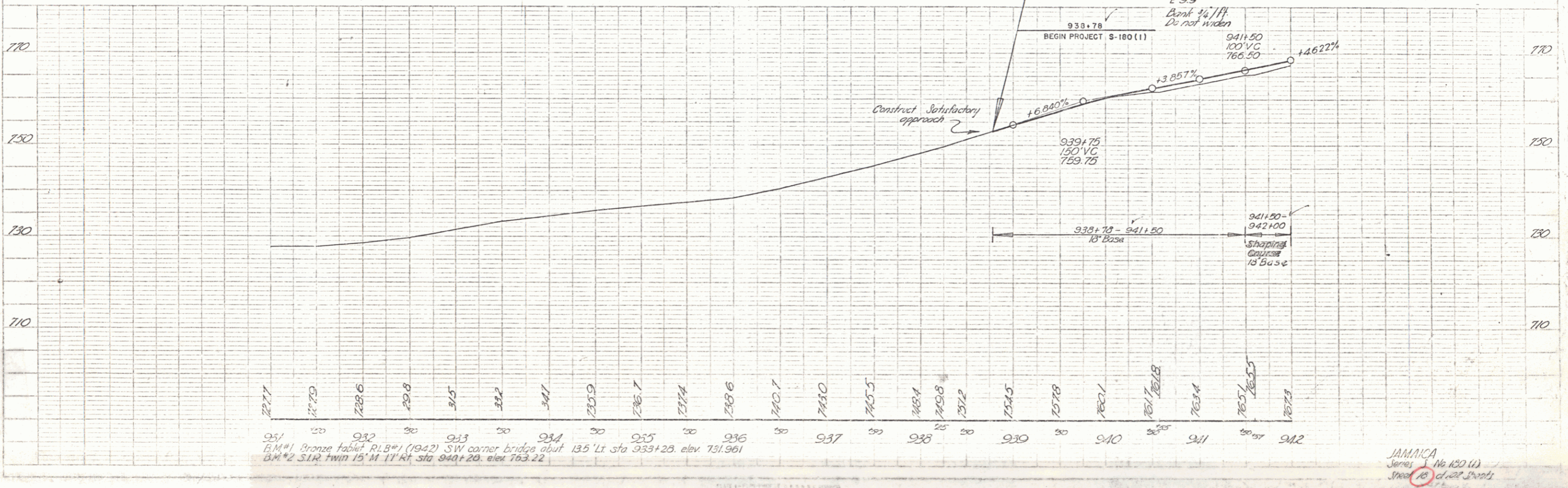
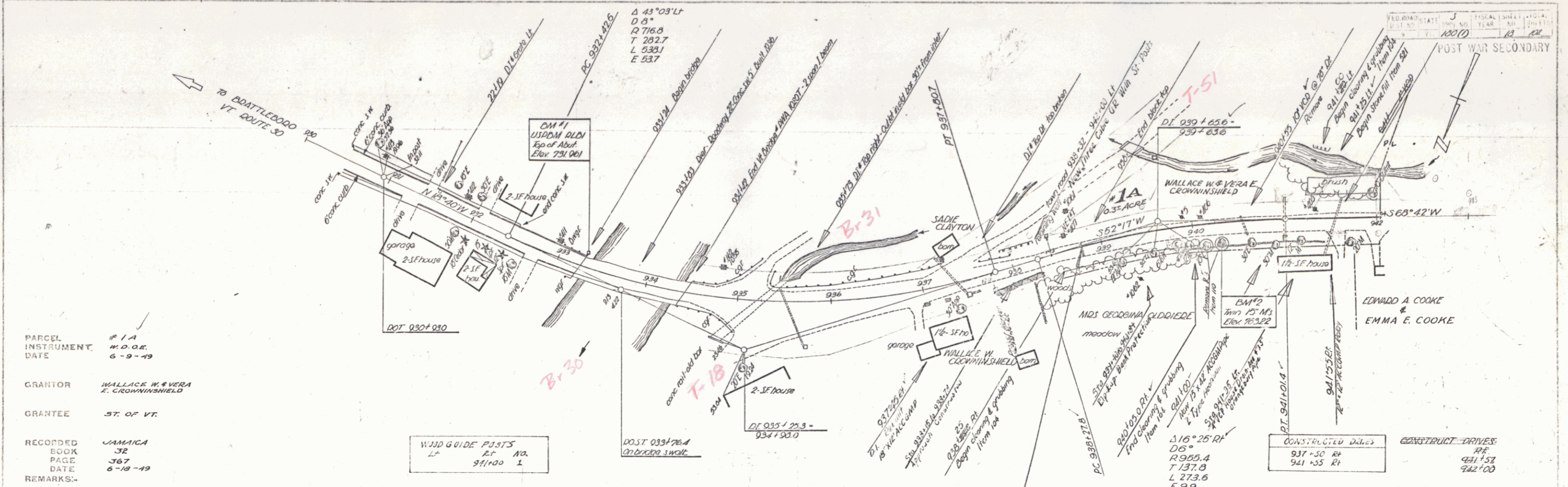
MP 4.08 - 8.08
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1949, INCLUDING ALL SUBSEQUENTLY APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED: 18 FEB. 1949 W. S. Murphy DISTRICT HIGHWAY ENGINEER	APPROVED: 18 FEB. 1949 H. E. August DISTRICT HIGHWAY COMMISSIONER	SERIES S No. 180 (1) TITLED SHEET 1 OF 102
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STEARNS R. JENKINS
Rte 30

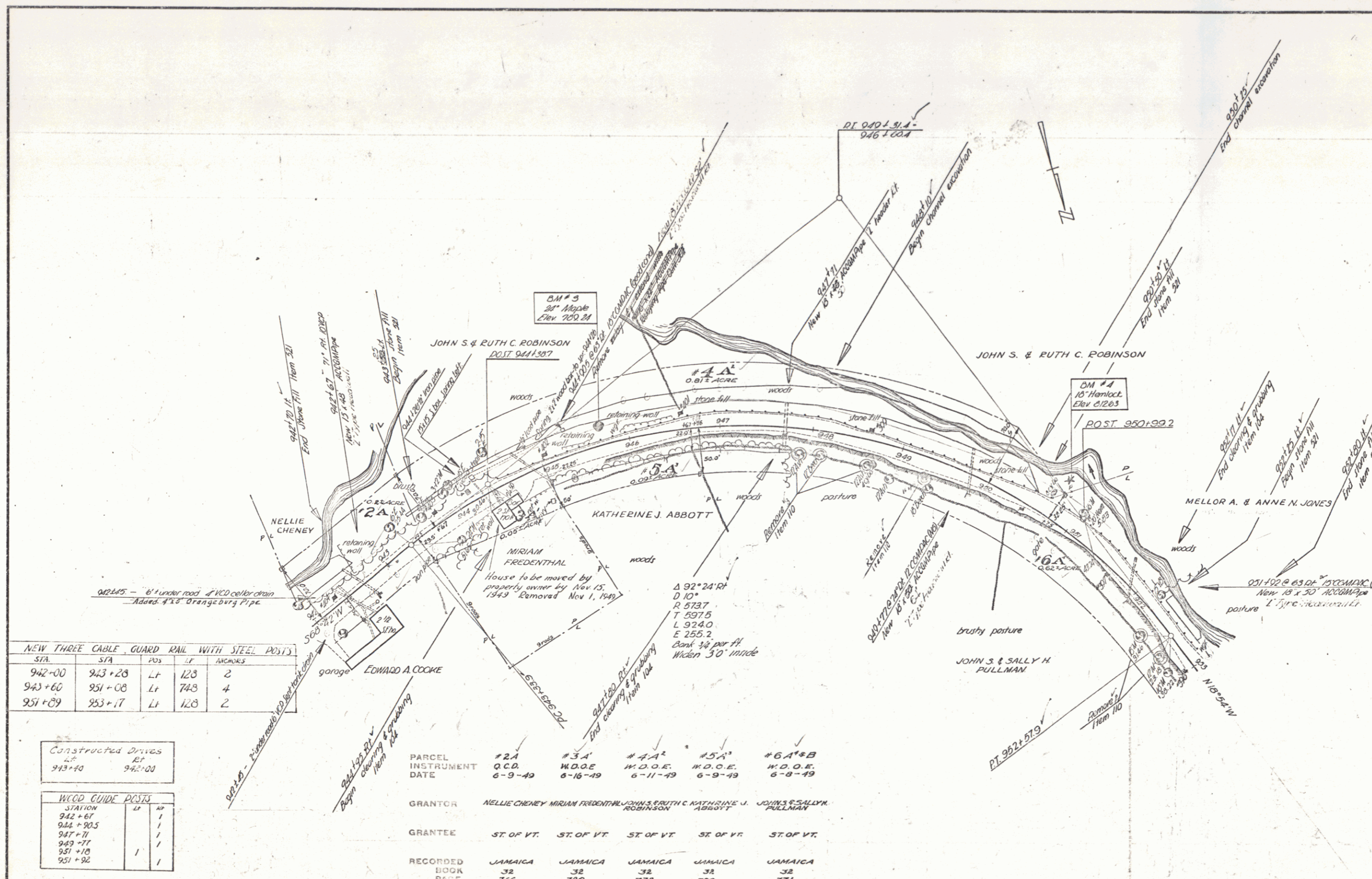
PLAN
 DATE
 SHEET NO. 10-40
 TOTAL SHEETS 10-45

PLAN
 DATE
 SHEET NO. 10-40
 TOTAL SHEETS 10-45



951
 B.M. #1 Bronze tablet R.L.B. #1 (1942) SW corner bridge abut 135' Lt sta 933+25 elev. 731.961
 B.M. #2 S.I.R. twin 15' M 11' Rt sta 940+20 elev. 763.22

JAMAICA
 Series 1 No 120 (1)
 Sheet 10 of 10 Sheets



NEW THREE CABLE GUARD RAIL WITH STEEL POSTS

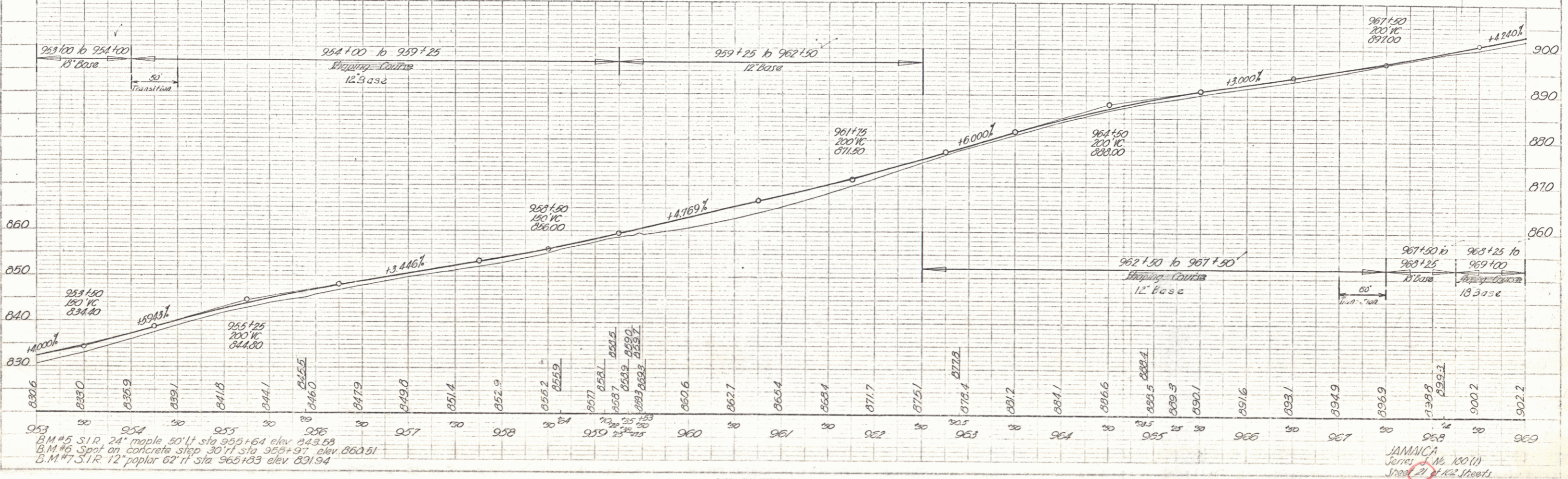
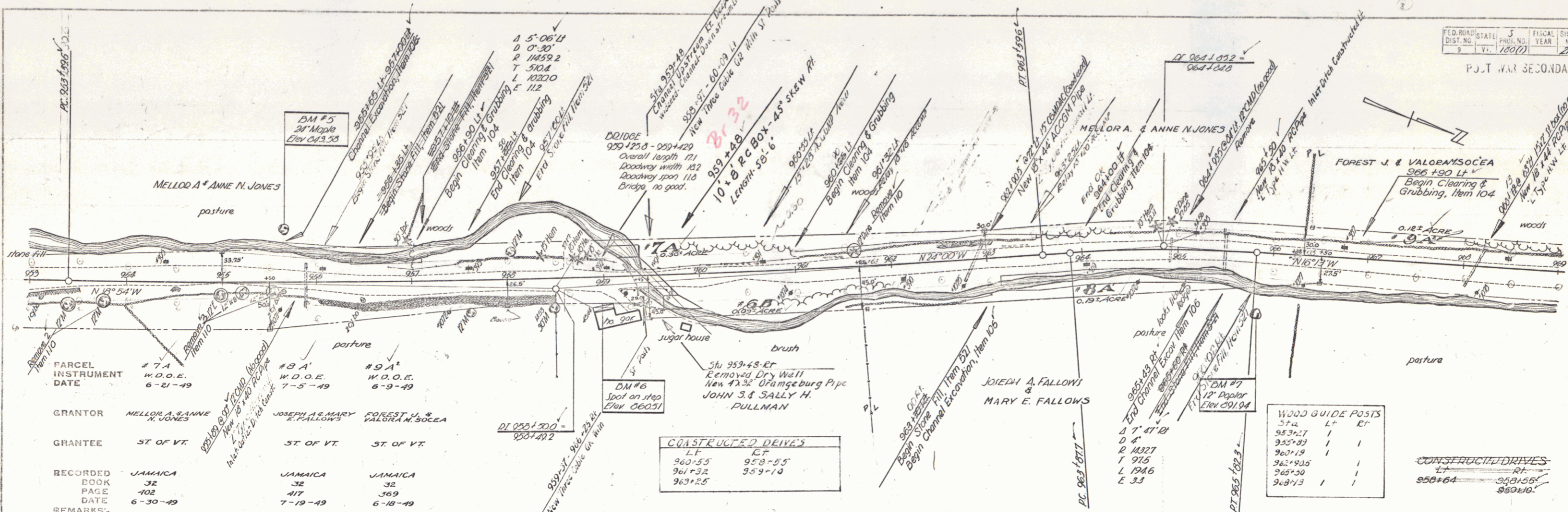
STA.	S/A	POS.	L.F.	MARKINGS
942+00	943+28	Lt	123	2
943+60	951+08	Lt	743	4
951+89	953+17	Lt	123	2

Constructed Drives

STATION	Lt	AP
942+67	1	1
944+90.5	1	1
947+11	1	1
949+77	1	1
951+18	1	1
951+92	1	1

PARCEL	#2A	#3A	#4A	#5A	#6A+B
INSTRUMENT	Q.C.D.	W.D.O.E.	W.D.O.E.	W.D.O.E.	W.D.O.E.
DATE	6-9-49	8-18-49	6-11-49	6-9-49	6-9-49
GRANTOR	NELLIE CHENEY	MIRIAM FREDENTHAL	JOHN S. & RUTH C. ROBINSON	KATHERINE J. ABBOTT	JOHN S. & SALLY H. PULLMAN
GRANTEE	ST. OF VT.	ST. OF VT.	ST. OF VT.	ST. OF VT.	ST. OF VT.
RECORDED BOOK	JAMAICA	JAMAICA	JAMAICA	JAMAICA	JAMAICA
PAGE	366	390	372	380	371
DATE	6-18-49	6-22-49	6-18-49	8-18-49	6-18-49
REMARKS					#6.B ON ST. 21

Surveyed by *Peper*
 Designed by
 Drawn by *Dorling*
 Traced by *Haughton*
 Checked by
 Series *J* No. *180 (1)* Filed
 Sheet *19* of *102* Sheets



PLAN
DATE: 8-22
BY: [Signature]
CHECKED: [Signature]

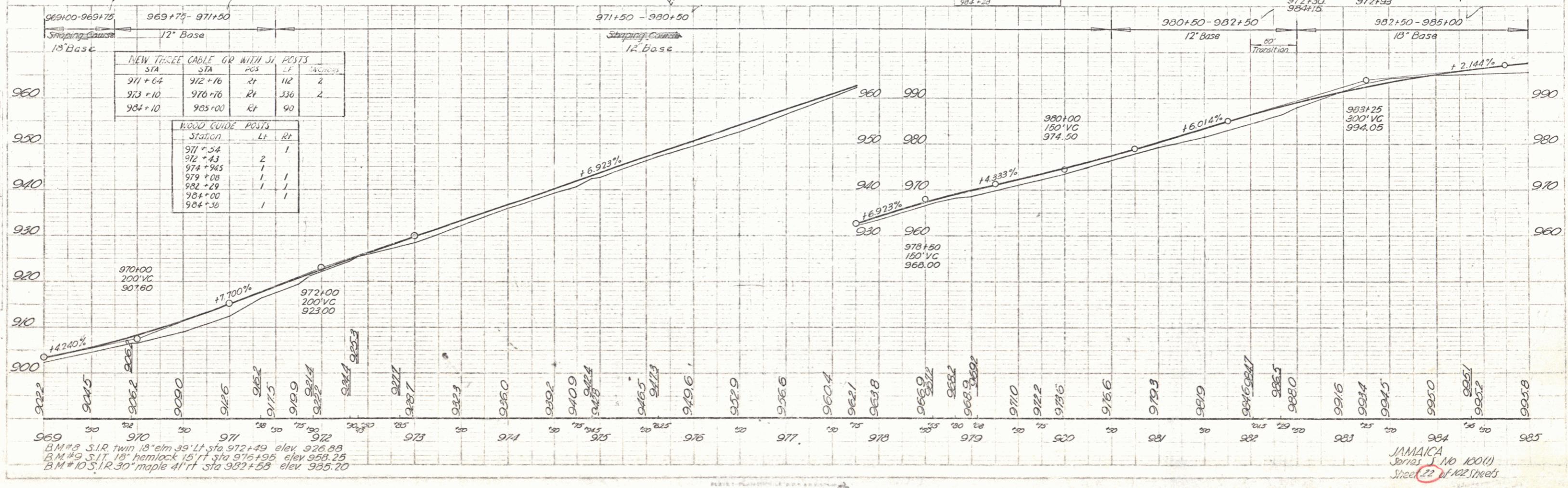
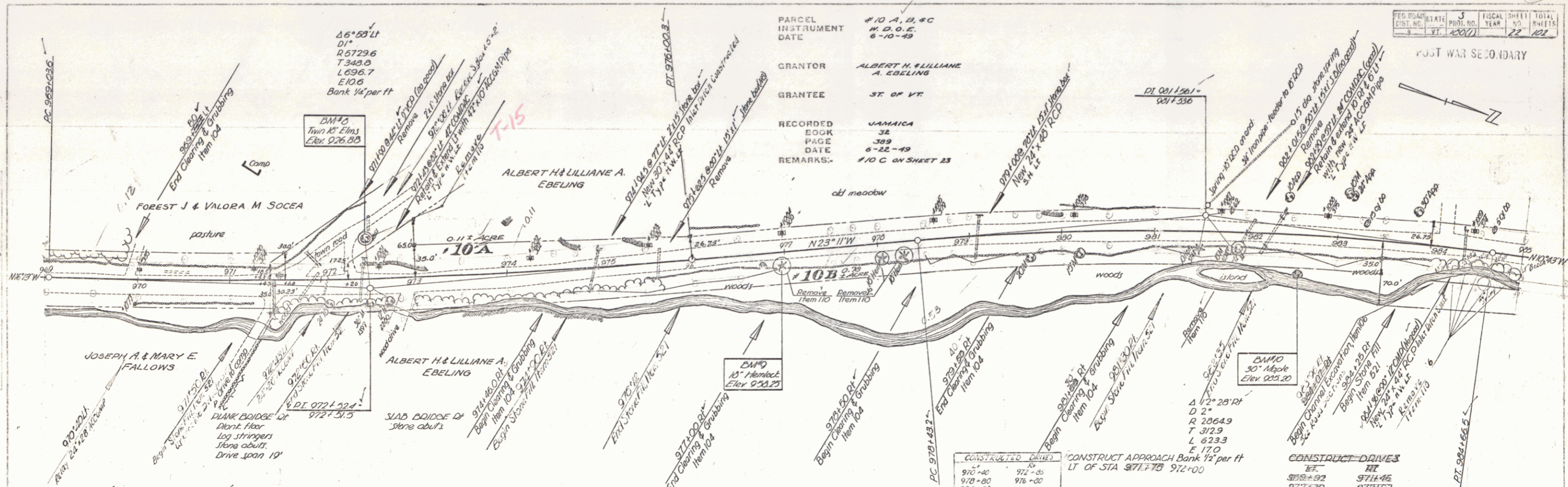
PROFILE
DATE: 8-22
BY: [Signature]
CHECKED: [Signature]

B.M. #5 S.I.R. 24' maple 50' l. sta. 953+64 elev. 843.58
B.M. #6 Spot on concrete step 30' l. sta. 955+97 elev. 860.51
B.M. #7 S.I.R. 12' poplar 62' l. sta. 965+83 elev. 831.94

JAMNICA
Series J. No. 180(1)
Sheet 21 of 122 Sheets

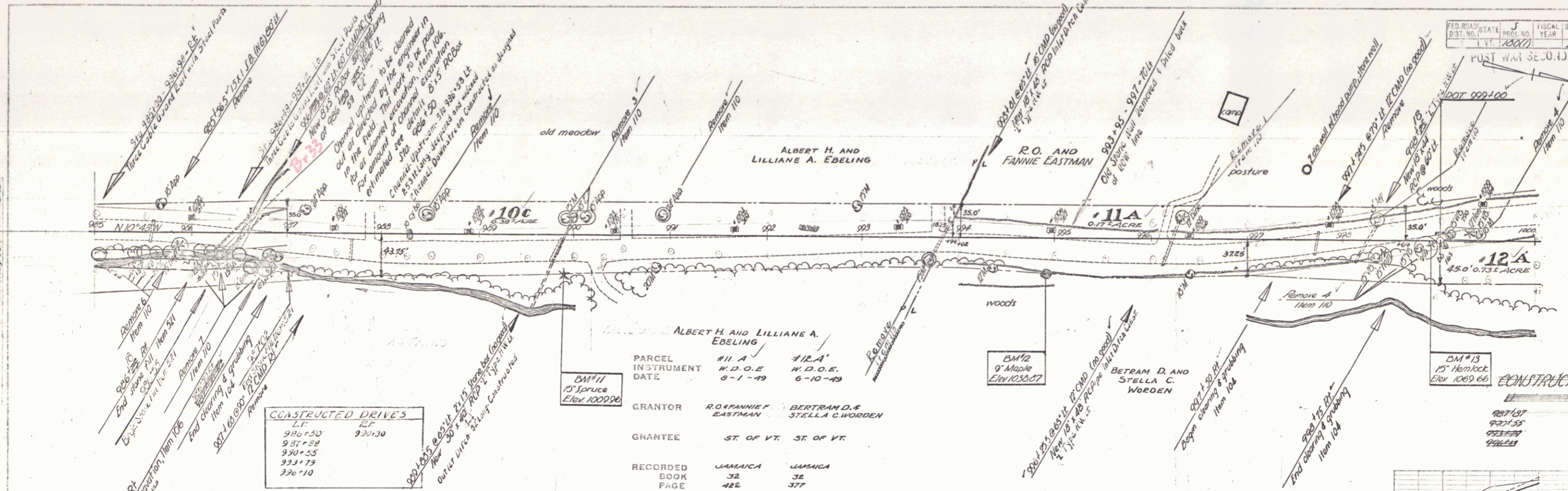
PARCEL INSTRUMENT # 10 A, B, C
 DATE W. D. E. 6-10-49
 GRANTOR ALBERT H. & LILLIANE A. EBELING
 GRANTEE ST. OF VT.
 RECORDED JAMAICA
 EOOK PAGE 389
 DATE 6-22-49
 REMARKS: #10 C ON SHEET 23

POST WAR SECONDARY



B.M. # 8 S.I.R. twin 18" elm 39' lt sta 972+49 elev 926.88
 B.M. # 9 S.I.T. 18" hemlock 15' rt sta 976+55 elev 928.25
 B.M. # 10 S.I.R. 30" maple 41' rt sta 982+58 elev 935.20

JAMAICA Series No 100(1) Sheet 22 of 102 Sheets

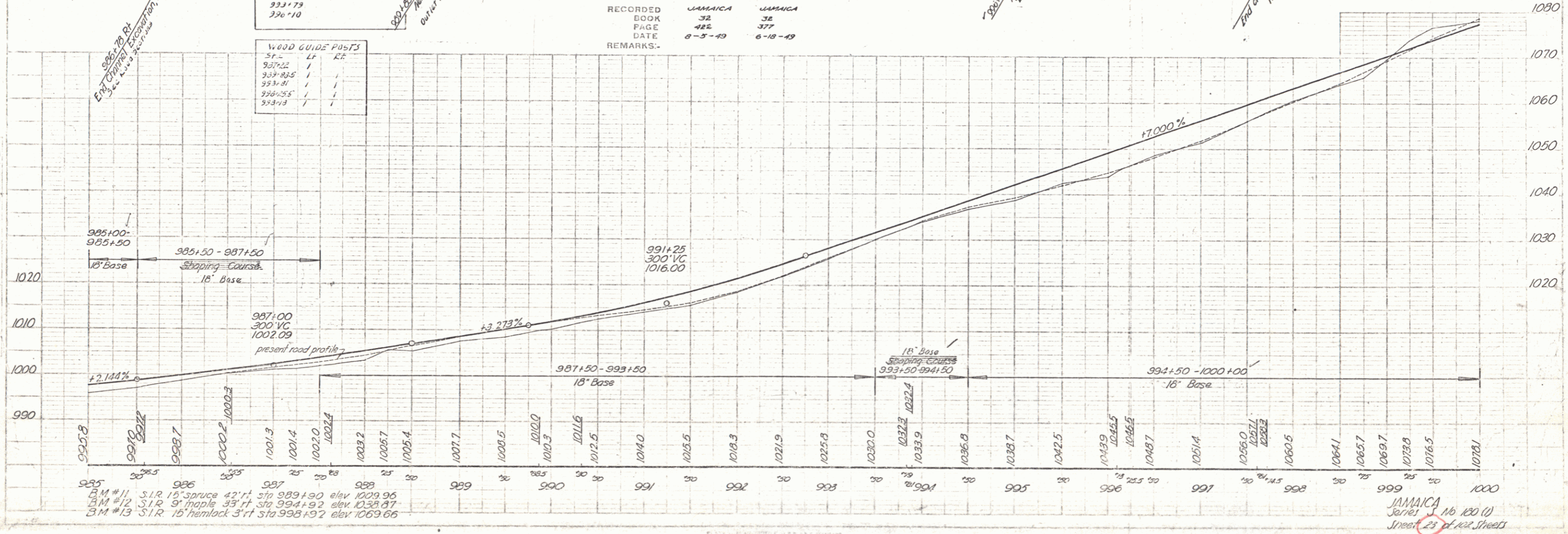


LT	RT
986+50	986+30
987+28	
987+55	
987+79	
987+10	

ST.	LT	RT
987+28	1	
987+55	1	
987+79	1	
987+10	1	

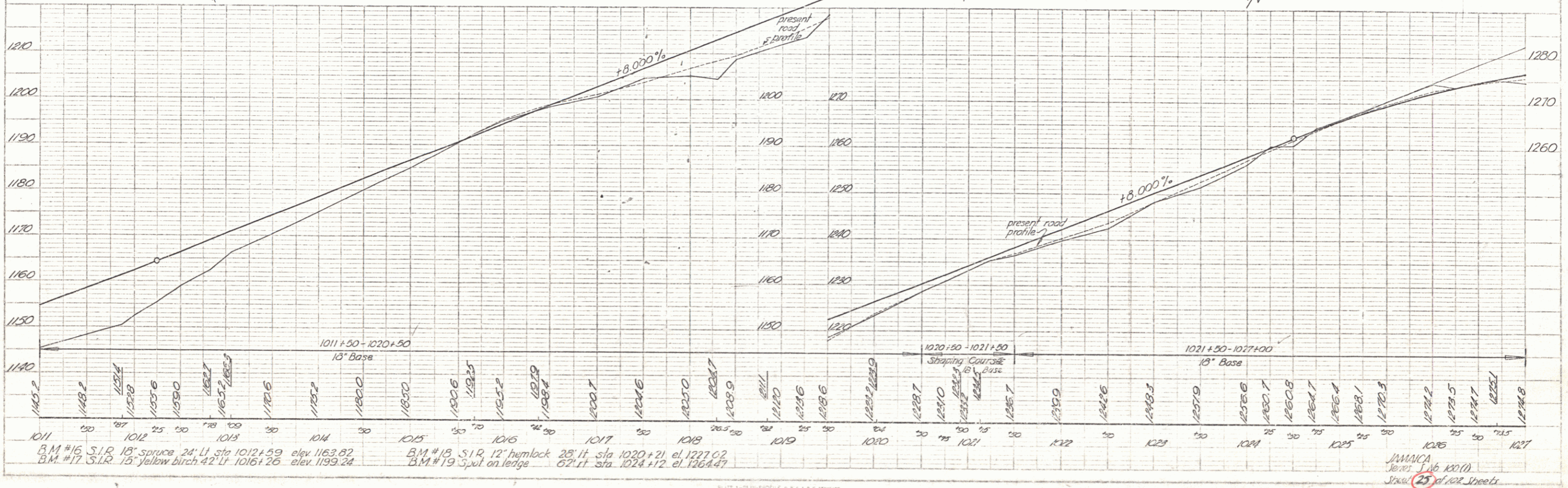
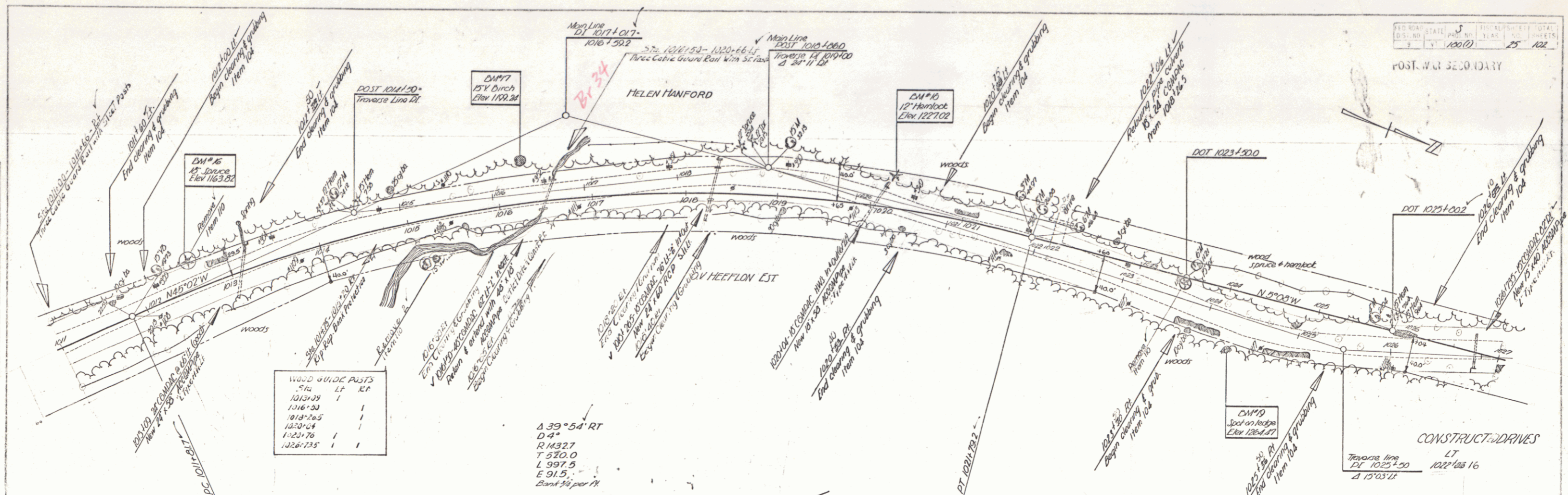
ALBERT H. AND LILLIANE A. EBELING	
PARCEL #	11 A
INSTRUMENT DATE	W.D.O.E. 6-1-49
GRANTOR	ROSEANNE EASTMAN
GRANTEE	ST. OF VT.
RECORDED BOOK	JAMAICA 32
RECORDED PAGE	422
RECORDED DATE	8-5-49
REMARKS	

ALBERT H. AND LILLIANE A. EBELING	
PARCEL #	12 A
INSTRUMENT DATE	W.D.O.E. 6-10-49
GRANTOR	BERTRAM D. & STELLA C. WORDEN
GRANTEE	ST. OF VT.
RECORDED BOOK	JAMAICA 32
RECORDED PAGE	377
RECORDED DATE	6-18-49
REMARKS	



31M #11 S.1R 15' spruce 42' r. s.p. 989+90 elev. 1009.96
 31M #12 S.1R 9' maple 33' r. s.p. 994+92 elev. 1038.87
 31M #13 S.1R 15' hemlock 3' r. s.p. 998+92 elev. 1069.66

JAMAICA
 Street 23 of 122 Streets

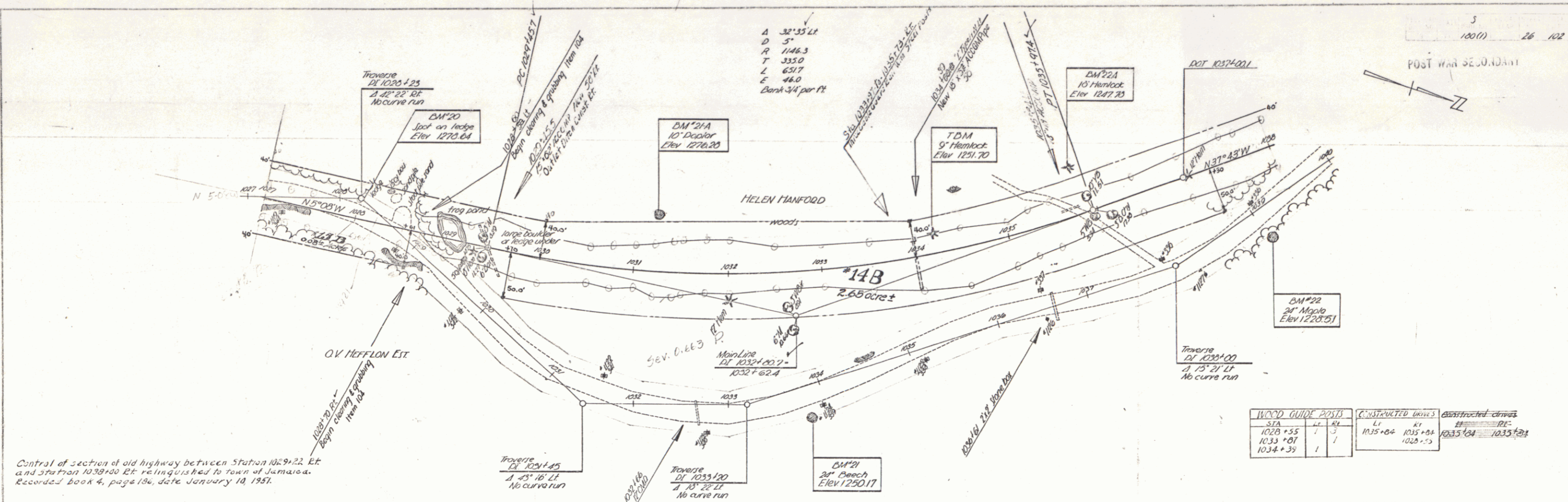


PLAN
 DATE
 DRAWN BY
 CHECKED BY
 PROJECT NO.

PROFILE
 DATE
 DRAWN BY
 CHECKED BY
 PROJECT NO.

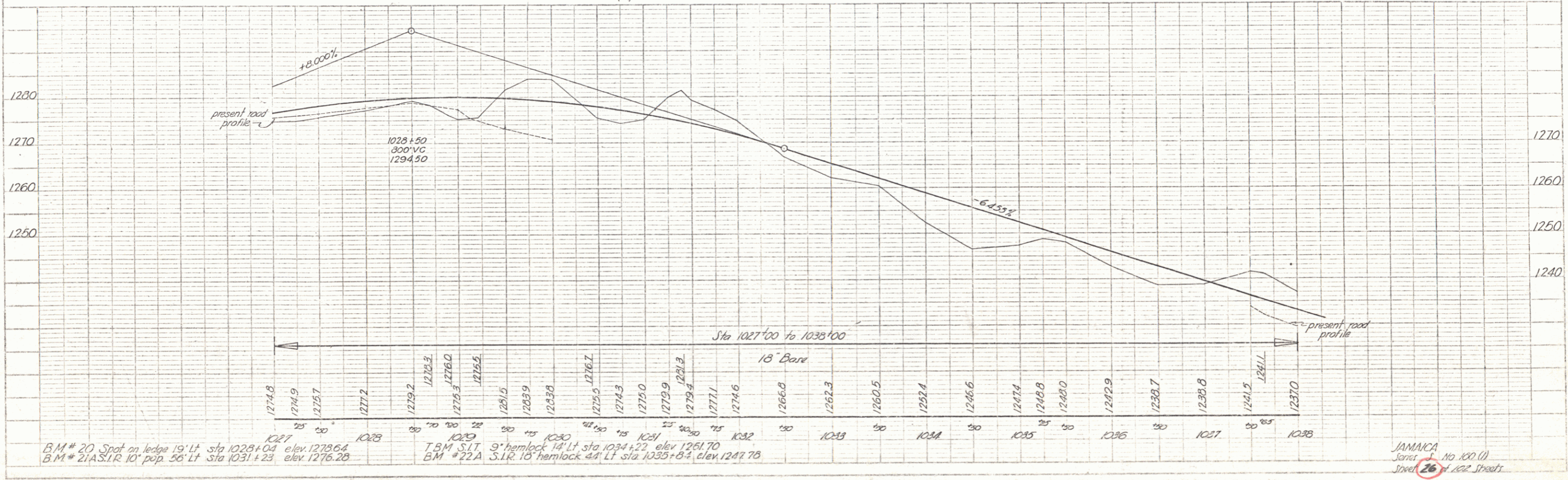
JAWANCA
 Series 1-16 100(1)
 Sheet 25 of 102 Sheets

PLAN
 DATE 8-26
 1957
 PROJECT
 CONTROL OF SECTION OF OLD HIGHWAY BETWEEN STATION 1029+22 ET AL. AND STATION 1038+00 ET AL. REINQUISHED TO TOWN OF JAMAICA.
 DRAWN BY
 H. H. HARRIS
 CHECKED BY
 H. H. HARRIS



WOOD GUIDE POINTS	CONSTRUCTED MARKS	CONSTRUCTED MARKS
1028+55	1	1
1033+01	1	1
1034+39	1	1

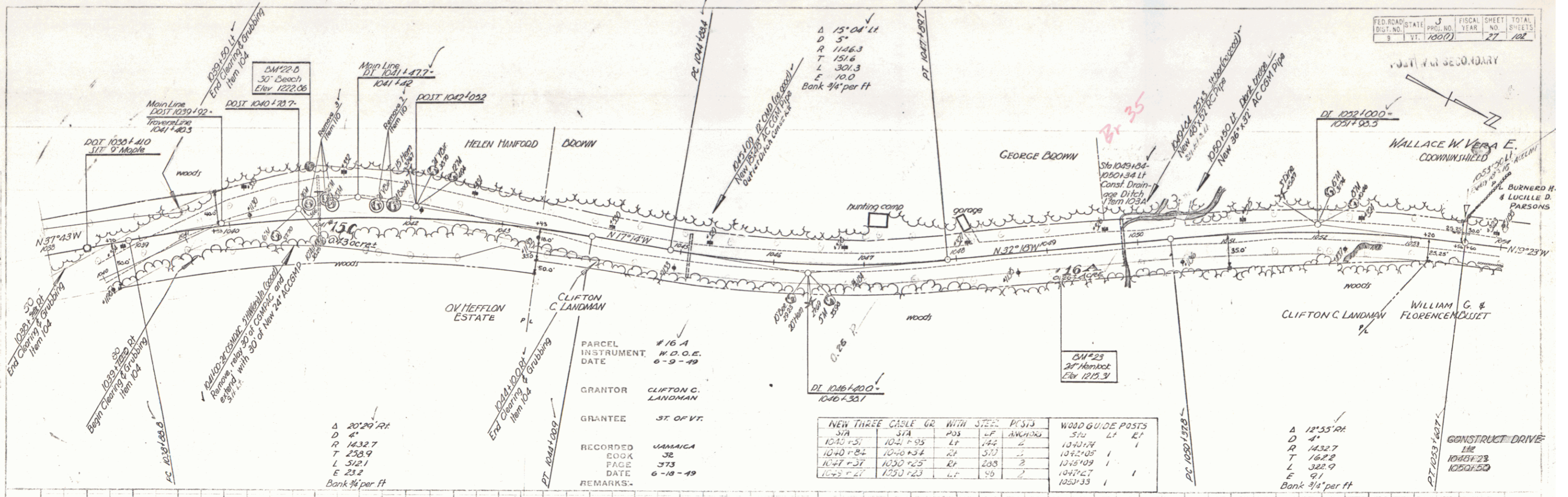
PROFILE
 DATE 8-26
 1957
 PROJECT
 CONTROL OF SECTION OF OLD HIGHWAY BETWEEN STATION 1029+22 ET AL. AND STATION 1038+00 ET AL. REINQUISHED TO TOWN OF JAMAICA.
 DRAWN BY
 H. H. HARRIS
 CHECKED BY
 H. H. HARRIS



B.M. # 20 Spot on ledge 19' Lt. sta 1028+04 elev. 1273.64
 B.M. # 21 A.S.I.R. 10' pop. 56' Lt. sta 1031+23 elev. 1276.28
 T.B.M. S.I.T. B.M. # 22 A 9" hemlock 14' Lt. sta 1034+22 elev. 1261.70
 S.I.R. 18" hemlock 44' Lt. sta 1035+82 elev. 1247.78

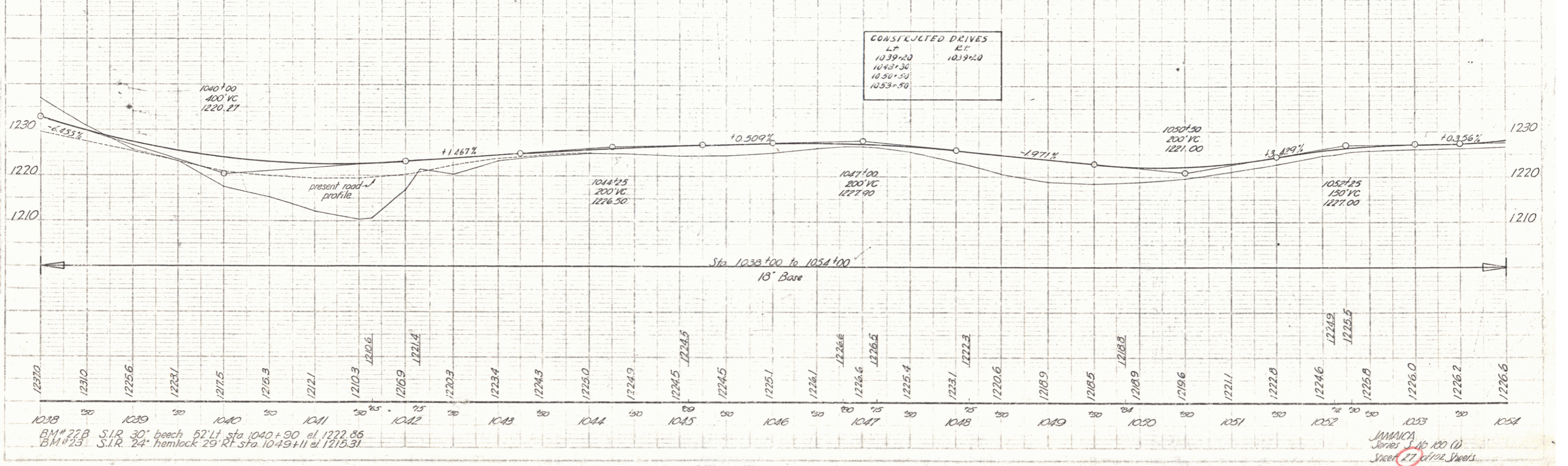
JAMAICA
 Series No. 100 (1)
 Sheet 26 of 102 Sheets

PLATE 1 - PLAN PROFILE - P.P.A. & E. STAMING
 SCALE 1" = 40' HORIZ.
 SCALE 1" = 10' VERT.
 J. & J. CIVIL, 285-10



PARCEL #16 A
 INSTRUMENT W.D.O.E.
 DATE 6-9-49
 GRANTOR CLIFTON C. LANDMAN
 GRANTEE ST OF VT.
 RECORDED JAMAICA
 BOOK 373
 DATE 6-18-49
 REMARKS-

STA	S/A	P33	L/F	AVG. H2O	WOOD GUIDE POSTS
1040+50	1041+05	LT	144	2	574 LT ET
1040+84	1040+34	RT	573	2	1040+74
1041+27	1030+25	RT	203	2	1040+09
1042+21	1030+23	LT	59	2	1041+27
					1050+33

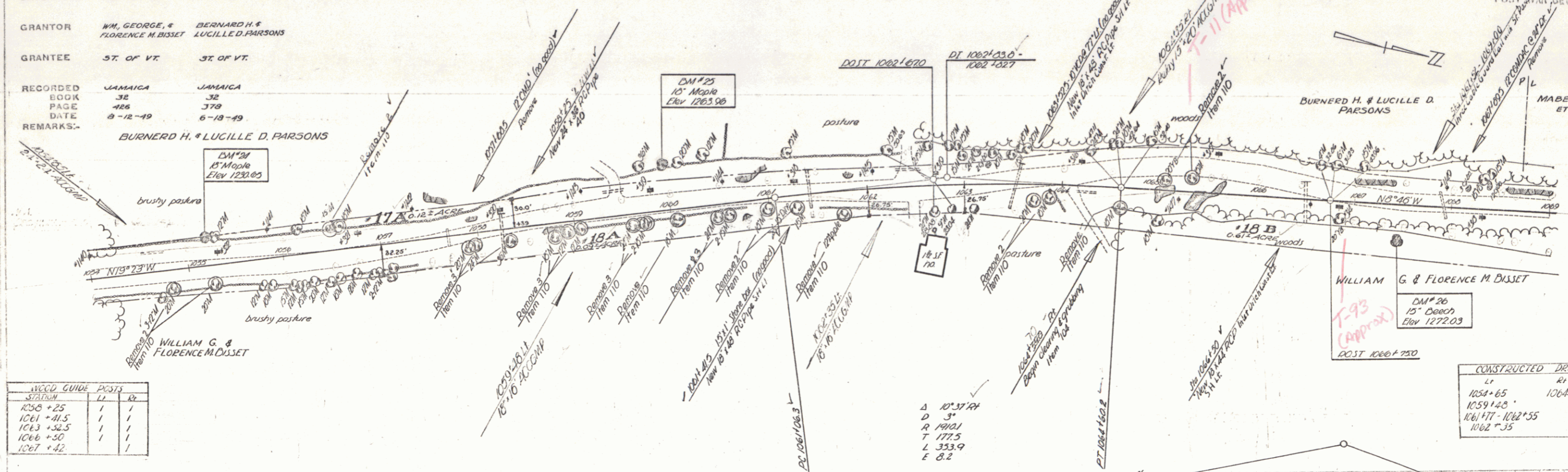


BM# 22B S.I.R. 30' beech 52' lt sta 1040+30 el 1222.86
 BM# 23 S.I.R. 24' hemlock 29' rt sta 1049+11 el 1215.31

JAMAICA
 Street 10 100 (D)
 Street 27 1012 Street

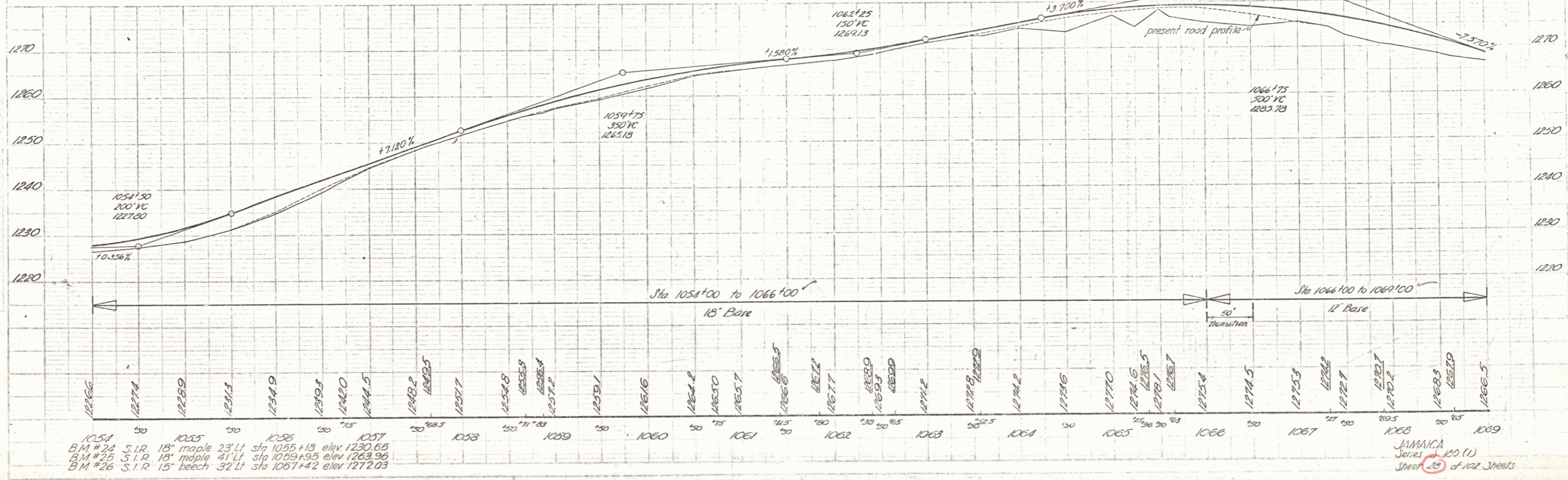
PARCEL # 13 183 # 17 A
 INSTRUMENT W.D.O.E. W.D.O.E.
 DATE 9-9-49 6-10-49
 GRANTOR WM. GEORGE & FLORENCE M. DISSET BERNARD H. & LUCILLE D. PARSONS
 GRANTEE ST. OF VT. ST. OF VT.
 RECORDED JAMAICA JAMAICA
 BOOK 3E 3E
 PAGE 486 378
 DATE 9-12-49 6-18-49
 REMARKS: BURNED H. & LUCILLE D. PARSONS

DIST. NO. 3 FISCAL YEAR 1950 SHEET NO. 25 TOTAL SHEETS 102
 POST WAR SECONDARY



WOOD GUIDE	POSTS	
STATION	11	12
1056+25	/	/
1061+41.5	/	/
1063+32.5	/	/
1066+50	/	/
1067+42	/	/

CONSTRUCTED DRIVES	
STATION	DRIVE
1058+65	1064+35
1059+40	
1061+17	1062+55
1062+55	



1054 B.M. #24 S.I.R. 18" maple 23' 11" stp 1055+13 elev 1230.65
 1055 B.M. #25 S.I.R. 18" maple 41' 11" stp 1059+95 elev 1263.96
 1056 B.M. #26 S.I.R. 15" beech 32' 11" stp 1067+42 elev 1272.03

JAMAICA
 SHEET # 100 (1)
 SHEET 25 OF 102 SHEETS

PARCEL: 19-44B #20-A
 INSTRUMENT: W.D.O.E. W.D.O.E.
 DATE: 5-20-49 6-9-49

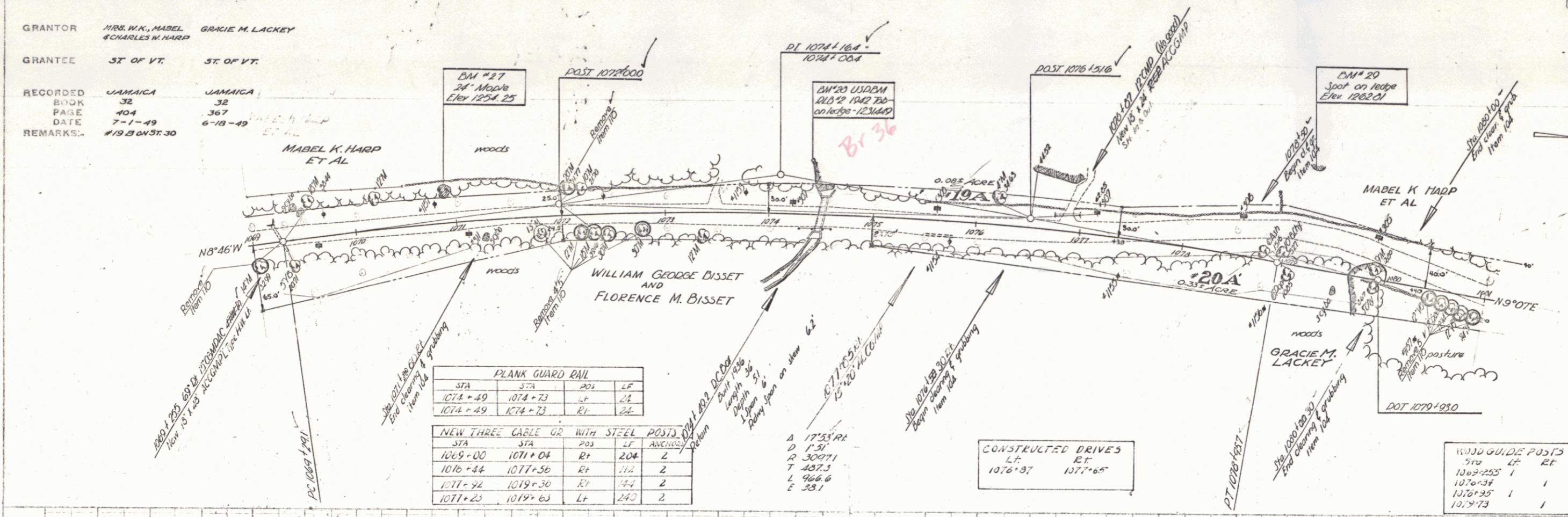
GRANTOR: MRS. W.K. MABEL CHARLES W. HARP GRACIE M. LACKEY

GRANTEE: ST OF VT. ST OF VT.

RECORDED BOOK: JAMAICA JAMAICA
 PAGE: 32 367
 DATE: 7-1-49 6-18-49

REMARKS: #19 B ON ST. 30

FED. ROAD DIST. NO. 3 STATE 9 PROJ. NO. 100(1) FISCAL YEAR 49 SHEET NO. 24 TOTAL SHEETS 102
 POST WAR SECONDARY 1

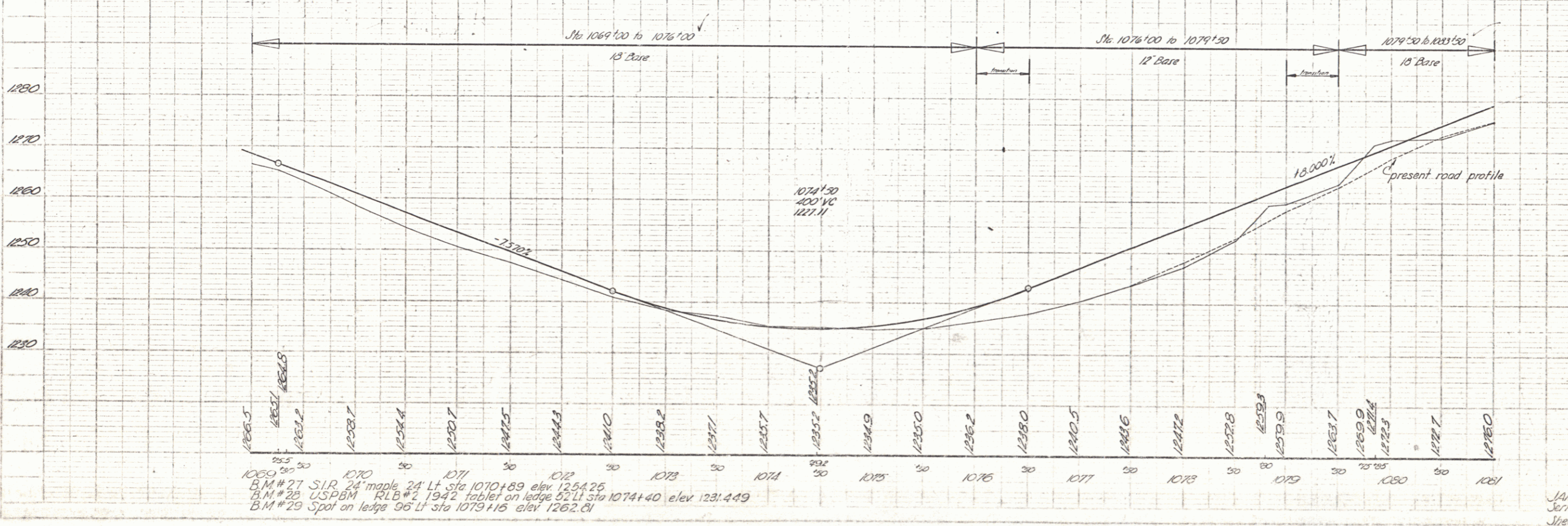


STA	STA	POS	LT	RT
1074+49	1074+73	RT	24	24
1074+49	1074+73	RT	24	24

STA	STA	POS	LT	RT
1069+00	1071+04	RT	204	2
1076+44	1077+56	RT	112	2
1077+42	1079+30	RT	144	2
1077+42	1079+63	LT	240	2

LT	RT
1076+37	1077+05

STA	LT	RT
1076+255	1	1
1076+34	1	1
1076+35	1	1
1076+73	1	1

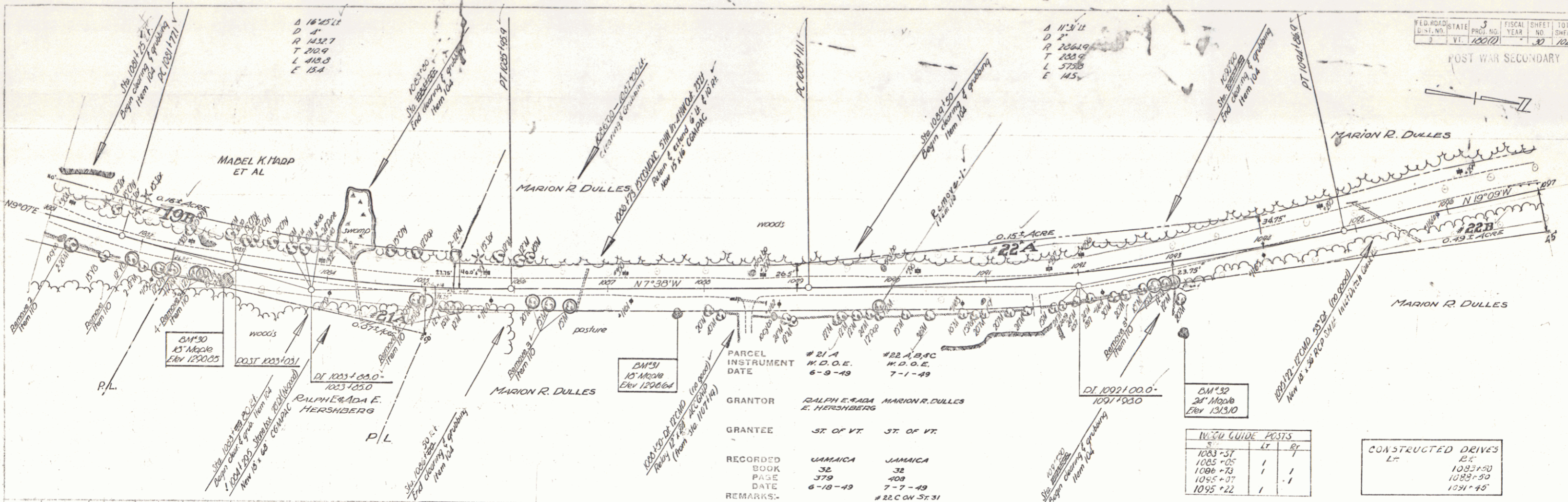


1069 20 50 1070 50 1071 50 1072 50 1073 50 1074 50 1075 50 1076 50 1077 50 1078 50 1079 50 1080 50 1081

B.M. #27 S.I.R. 24' maple 24' Lt. sta 1070+89 elev 1254.25
 B.M. #28 USPBM RLB #2 1942 tablet on ledge 52' Lt. sta 1074+40 elev 1231.449
 B.M. #29 Spot on ledge 96' Lt. sta 1079+15 elev 1262.61

JAMAICA Series 5 No 100(1) Sheet 24 of 102 Sheets 12

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT	1930	30	102

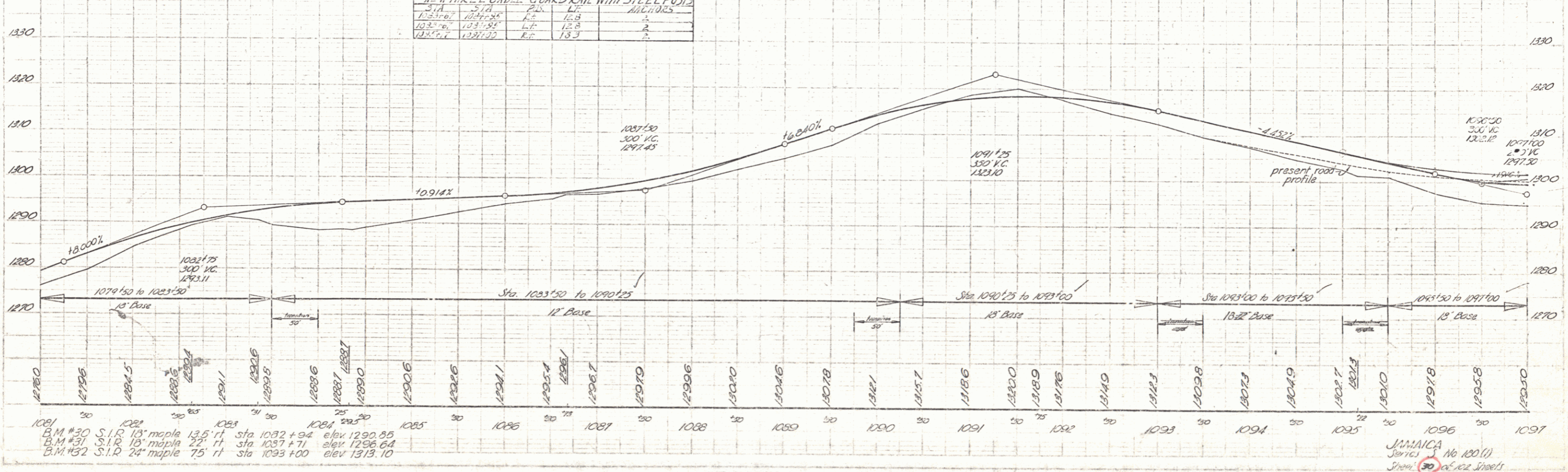


PARCEL INSTRUMENT DATE	#21 A W.D.O.E. 6-9-49	#22 A,B,C W.D.O.E. 7-1-49
GRANTOR	RALPH E. ADA E. HERSHBERG	MARION R. DULLES
GRANTEE	ST. OF VT.	ST. OF VT.
RECORDED BOOK	JAMAICA 32	JAMAICA 32
PAGE	379	408
DATE	6-18-49	7-7-49
REMARKS		#22 ON ST. 31

W.G.U. GUIDE POSTS	ST	LT	RT
1083+37			
1085+25	1		
1086+73		1	
1085+07			1
1095+22	1		

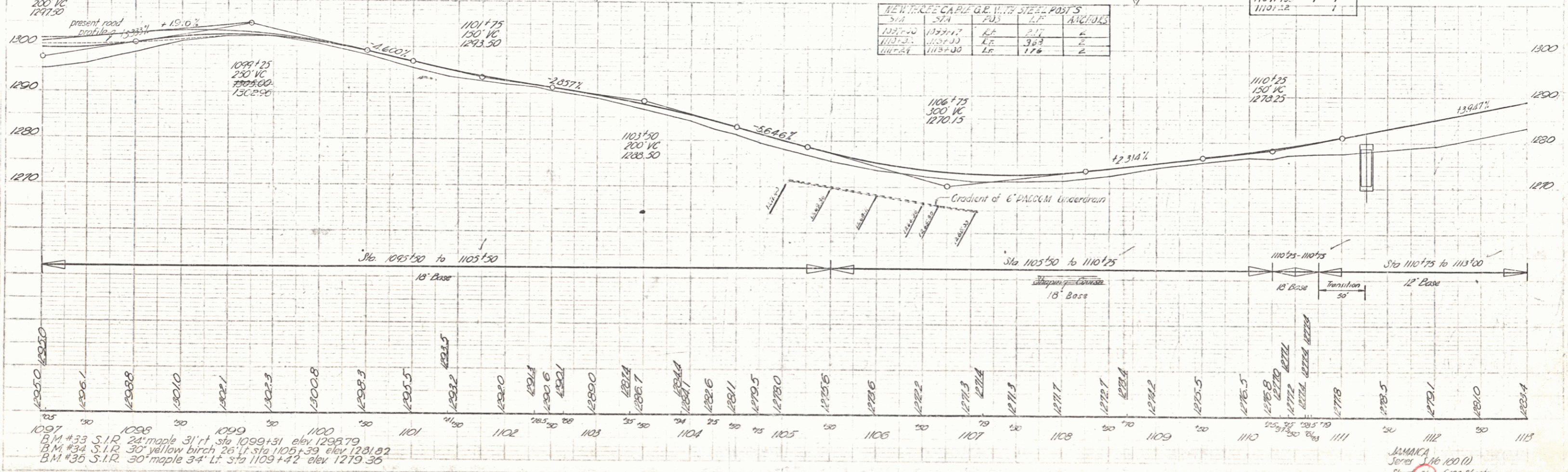
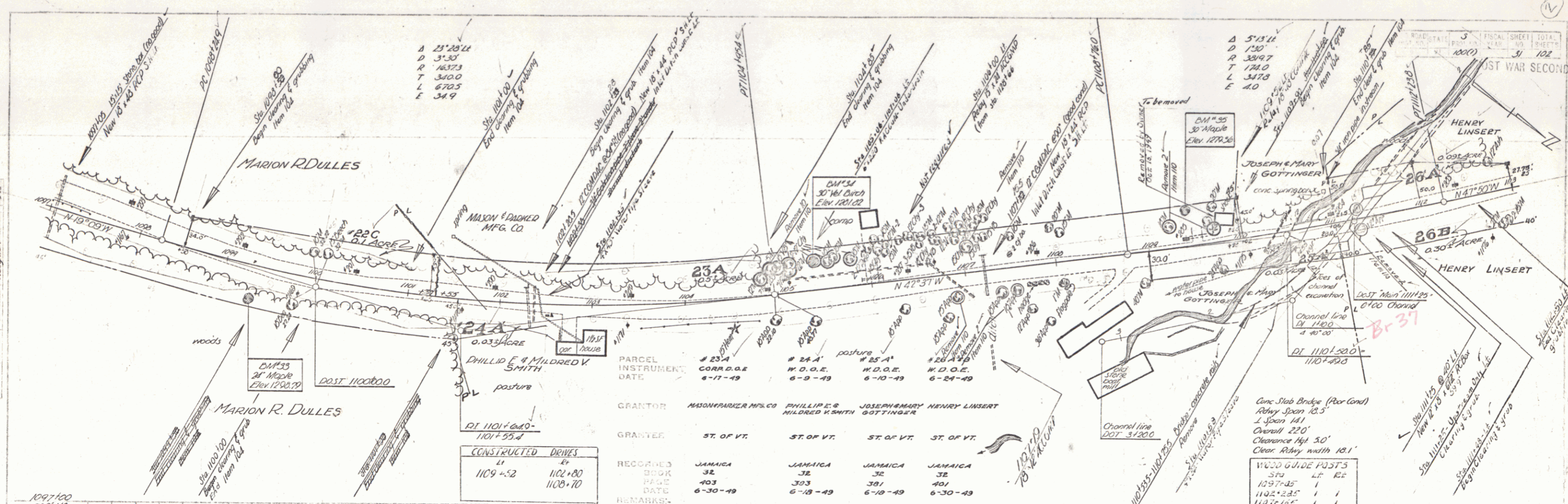
CONSTRUCTED DRIVES	LT	RT
1083+30		
1085+30		
1085+30		
1091+48		

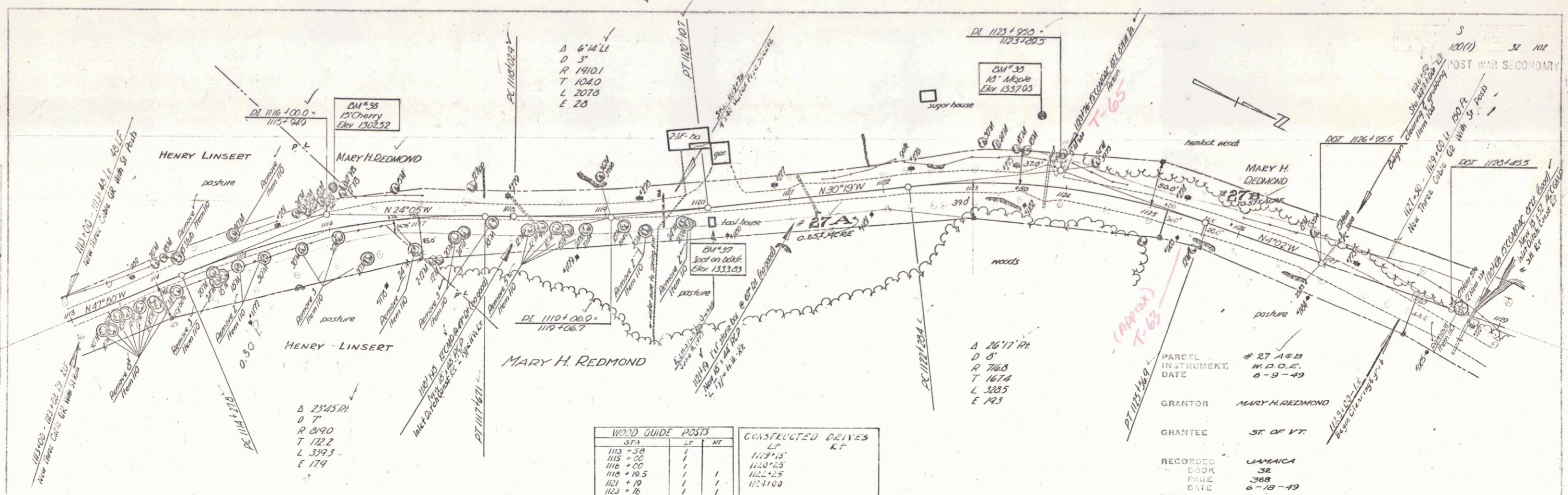
AT THREE CABLE GUARD RAIL WITH STEEL POSTS				
STA	STA	POST	LT	RT
1083+67	1084+94	P.S.	12.8	2
1083+67	1084+94	LT	12.8	2
1084+94	1085+22	RT	18.3	2



B.M. #30 S.I.R. 18' maple 13.5' ft sta 1082+94 elev 1290.85
 B.M. #31 S.I.R. 18' maple 22' ft sta 1087+71 elev 1296.64
 B.M. #32 S.I.R. 24' maple 75' ft sta 1093+00 elev 1313.10

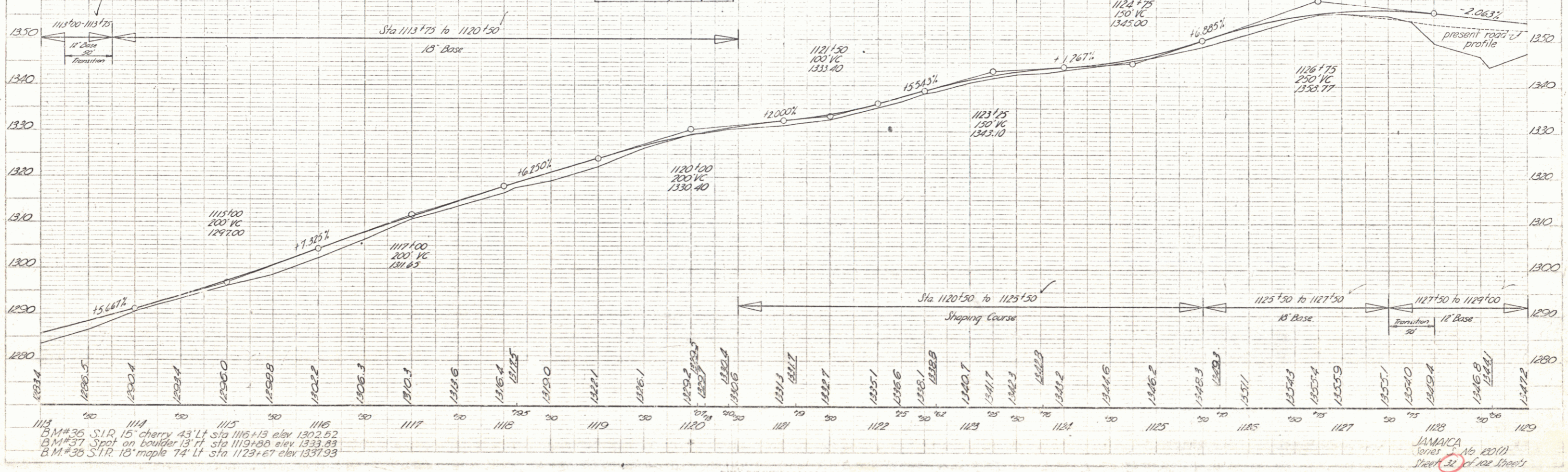
JAMAICA No 180(1)
 Series 30 of 102 Sheets





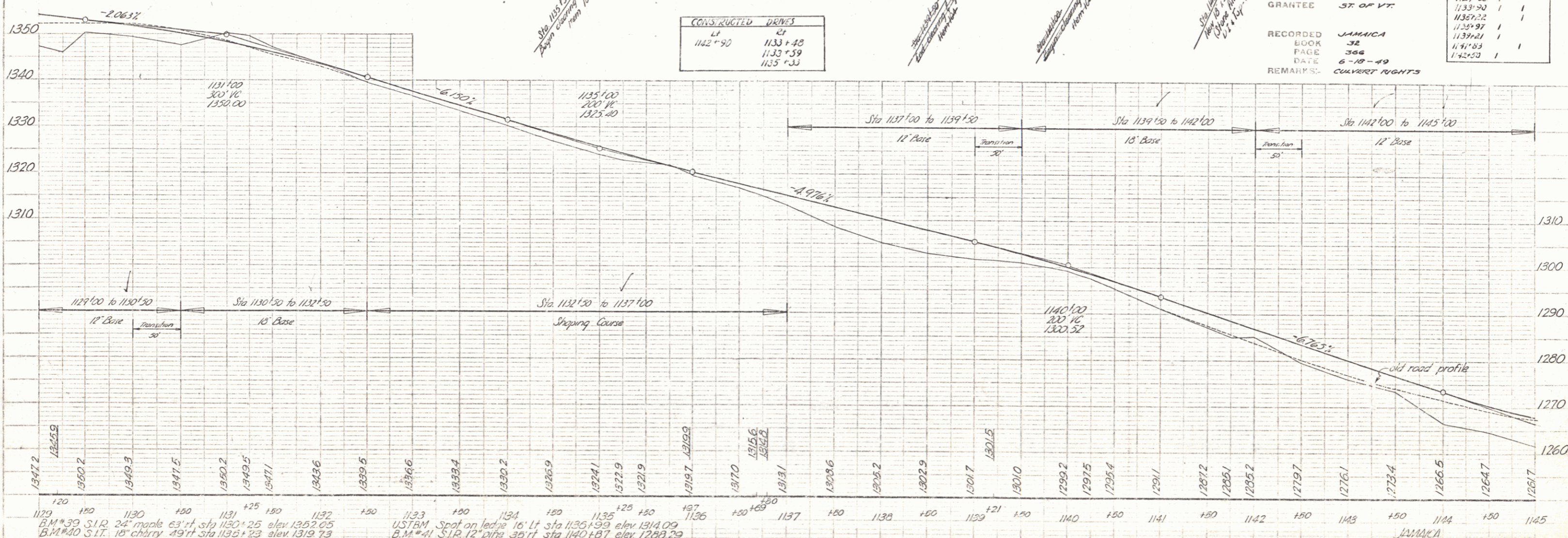
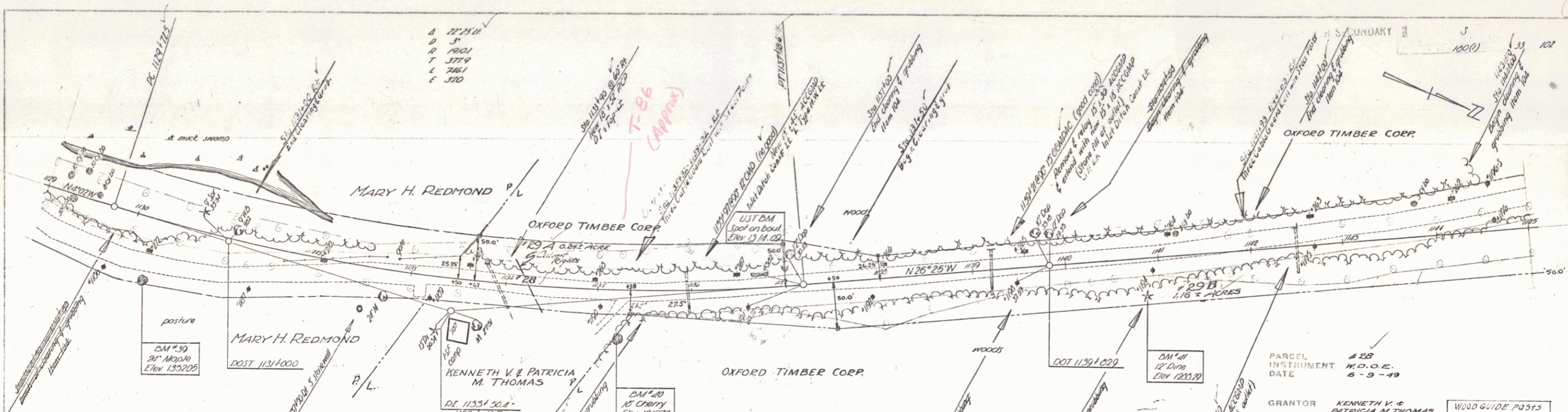
WOOD GUIDE POSTS			CONSTRUCTED DRIVES	
STA	LT	RT	LT	RT
1113+39	/	/	1119+13	/
1115+00	/	/	1120+23	/
1116+00	/	/	1121+25	/
1118+19.5	/	/	1122+100	/
1121+16	/	/		
1123+40	/	/		
1126+66	/	/		

PARCEL # 27 A & B
 INSTRUMENT W.D.O.E.
 DATE 6-9-49
 GRANTOR MARY H. REDMOND
 GRANTEE ST. OF VT.
 RECORDED JAMAICA
 BOOK 38
 PAGE 368
 DATE 6-18-49
 REMARKS:



1113 B.M. #35 S.I.R. 15' cherry 43' Lt sta 1116+13 elev 1302.52
 1114 B.M. #37 Spot on boulder 13' Lt sta 1119+80 elev 1333.83
 1115 B.M. #38 S.I.R. 18' maple 74' Lt sta 1123+67 elev 1337.93

JAMAICA
 Jones No. 20(1)
 Street 32 of 102 Street



FILE NO. 8-28
 DATE 8-28
 DRAWN BY [unclear]
 CHECKED BY [unclear]

FILE NO. 8-28
 DATE 8-28
 DRAWN BY [unclear]
 CHECKED BY [unclear]

A 22' 25" H
 D 1980
 T 375.9
 L 246.1
 E 370

CONSTRUCTED DRIVES

LT	1142+90	1133+48
	1133+39	1135+33

PARCEL # 28
 INSTRUMENT W.O.D.E.
 DATE 6-9-49

GRANTOR KENNETH V. & PATRICIA M. THOMAS
 GRANTEE ST. OF VT.

RECORDED JAMAICA
 BOOK 36
 PAGE 368
 DATE 6-18-49
 REMARKS- CULVERT RIGHTS

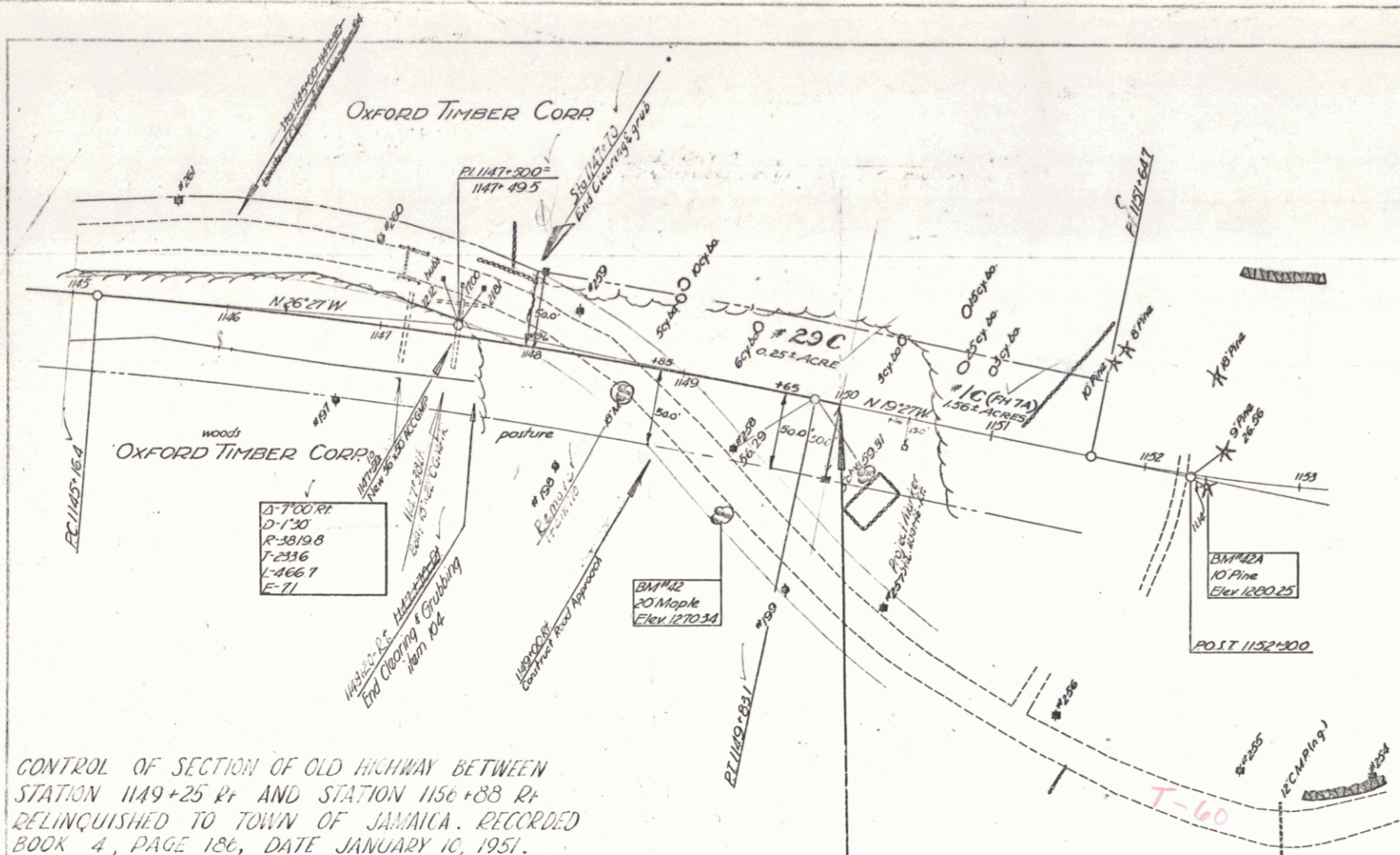
WOOD GUIDE P. 2313

Sta.	Lt.	Rt.
1129+00	1	1
1133+90	1	1
1135+24	1	1
1135+97	1	1
1141+83	1	1
1142+53	1	1

1129 B.M. #39 S.I.R. 24' maple 63' ft. sta 1150+25 elev. 1352.05
 B.M. #40 S.I.R. 15' cherry 49' ft. sta 1135+23 elev. 1319.73

1133 U.S.T.B.M. Spot on ledge 16' Lt. Sta 1135+99 elev. 1314.09
 B.M. #41 S.I.R. 12' pine 36' ft. sta 1140+87 elev. 1288.29

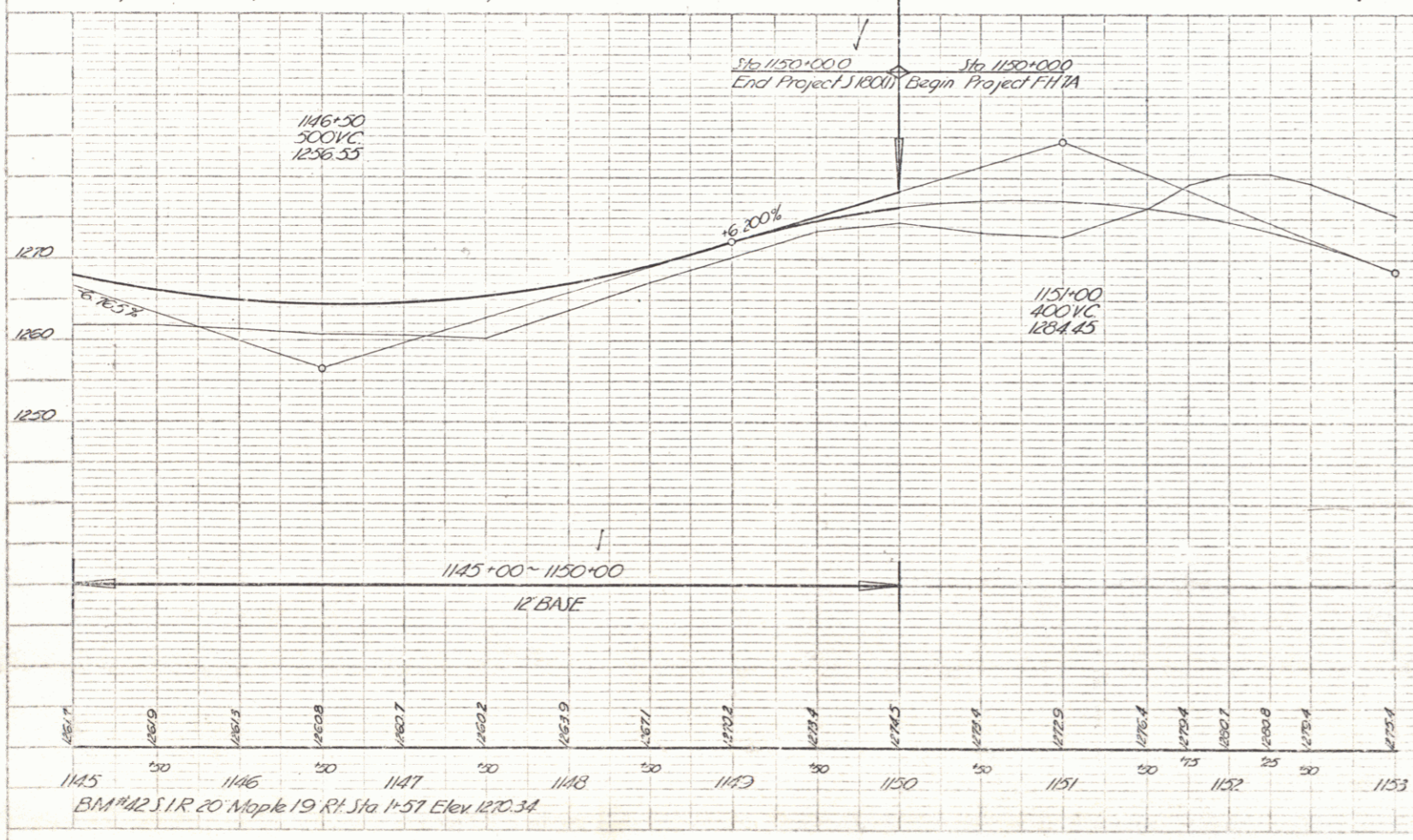
JAMAICA
 Series No. 100 (1)
 Sheet 33 of 102 Sheets



CONTROL OF SECTION OF OLD HIGHWAY BETWEEN
 STATION 1149+25 R+ AND STATION 1156+88 R+
 RELINQUISHED TO TOWN OF JAMAICA. RECORDED
 BOOK 4, PAGE 186, DATE JANUARY 10, 1951.

PARCEL # 29 A, B, C - #1C
 INSTRUMENT CORR. D.O.E.
 DATE 6-17-49
 GRANTOR OXFORD TIMBER CORR
 (IRA G. ELLIS, TRUST)
 GRANTEE ST. OF VT.
 RECORDED JAMAICA
 BOOK 38
 PAGE 392
 DATE 6-22-49
 REMARKS #1C ON FH 7A

CONSTRUCTED DRIVES		1000' GUIDE POIS	
LT	RT	STATION	LT RT
1147+38	1148+55	1147+50	1 1



Factor Calculation Combined Projects 51800 - FH 7A Factor = 1.156			
Materials	51800	FH 7A	640,000
Borrow	24,765	350	25,116 cy
Curst (unclassified)	30,779	76,095	76,574
Misc. (not in S&P)	448	120	61
Underdrain Excav.	210	698	908
Channel Excav.	1,336	899	2,235
Top Soil Removal		1,317	1,317
Structure Excav.		162	162
Totals	57,839	49,747	107,586 cy
Proportion Fill Less S&P	5957	23794	29,751 cy
Unauthorized F.H.	11,338		11,338
Measured Drive Pits		33	33
Top Soil Removal		1,317	1,317
Totals	67,902	25,144	93,046 cy
Factor Combined Projects	F = 46,386 = 1.156		
51800 FH 7A	93,033		

* FH 7A, 46,095 cy is Proportion Excav before deduction of earth waste

Earth Work Summary 51800 - FH 7A				
Project	Excavation	Structure	Embarkment	Channel
51800	30,419	38,49	55,571	100
FH 7A	12,312	1869	23,794	
				Sub Base
				34,929
				24,140

Deductible Waste 51800 - FH 7A		
Project	Embarkment	Sub Base
51800	11,338	
FH 7A	11,338	632

JAMAICA
 Series No. 100(1)
 Sheet 34 of 102 sheets