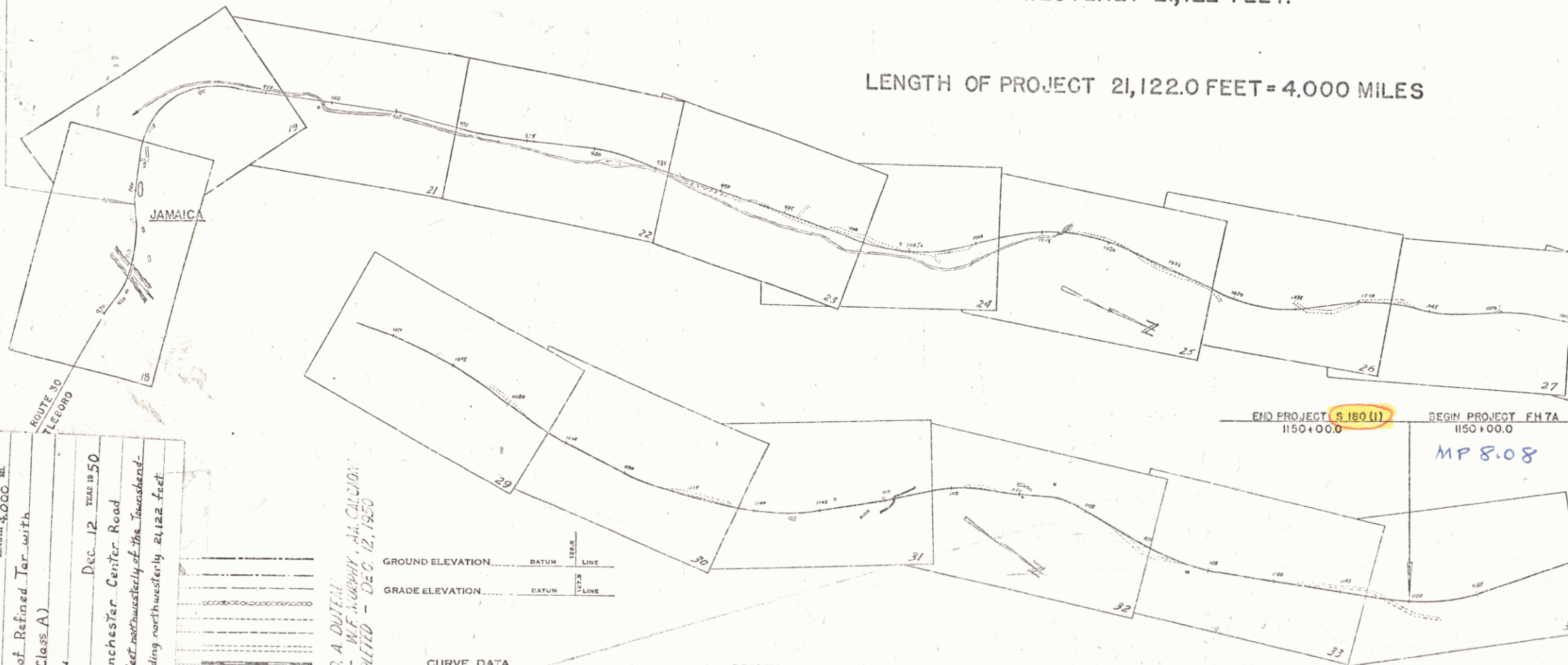


INDEX OF SHEETS		
SHEET NO.	TITLE PAGE	
1	TYPICAL CROSS-SECTION OF IMPROVEMENT	(DOUBLE TACK COAT OF REFINED TAR WITH PEASTONE SEAL (CLASS A), ITEM 312-A)
2	BANKING AND WIDENING TABLES	
3	QUANTITY SHEET, (ITEMS)	
4	QUANTITY SHEET, (DRAINAGE)	
5-6	EARTHWORK SHEETS	
7-17	PLAN AND PROFILE	
18-34	STANDARD STRUCTURE SHEET	
35-36	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	S-49-45 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

GROUND ELEVATION	DATUM	LINE
GRADE ELEVATION	DATUM	LINE

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.

TITLE	SCALE
TYPICAL	1" = 500'
PLAN	1" = 50'
PROFILE	1" = 10'
CROSS SECTIONS	1" = 9'

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.	180 (1)	1	102

POST WAR SECONDARY

VERMONT ROUTE 9
TO LONDONDERRY

VERMONT ROUTE 30
TO VT. ROUTE 11 &
MANCHESTER.

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

PROJECT

J A M A I C A

VERMONT ROUTE 30
TO BRATTLEBORO

SCALE 1" = 1 MILE

PROJECT NAME AND NUMBER	TYPE	PAVEMENT AREA
JAMAICA S-180 (1)	ACGGMP - New Eng. Culvert Co. - Palmer, Mass.	47,296 Sq. Yd.
RECORD PLANS		
MATERIALS		
CEMENT - Portland - Air-entraining, Alpha, Atlas, Ironclad	CG RAIL - Bethlehem Steel Corp.	STEEL ROADS - Bethlehem Steel Corp.
Natural - Rosendale Nat. Cement Co.	CRUSHED STONE - Brattleboro Sand & Gravel Co.	CRUSHED STONE - Northfield Washed Gravel Co. Northfield, N.H.
SAND - Brattleboro Sand & Gravel Co. Brattleboro, Vt.	TAR - Barrett Co. - Worcester, Mass.	SAND - Brattleboro Sand & Gravel Co.
GRAVEL - Brattleboro Sand & Gravel Co. Brattleboro, Vt.	RCB - Vt. Concrete Pipe Co. - Windsor, Vt.	GRAVEL - Walker Pit - So. Londonderry, N.H.
CONTRACTOR - George E. Dufau	CONTRACT DATED - June 10, 1949	STARTED - June 13, 1949
INSPECTORS - Wiley, Bentley, Doherty, Austin	COMPLETED - Dec 12, 1949	ACCEPTED - Dec 12, 1949
RECORD PLANS BY - W.F. Murphy		

APPROVED: 18 FEB. 1949

H.E. August
COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RECOMMENDED FOR APPROVAL

DISTRICT COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

DISTRICT COMMISSIONER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

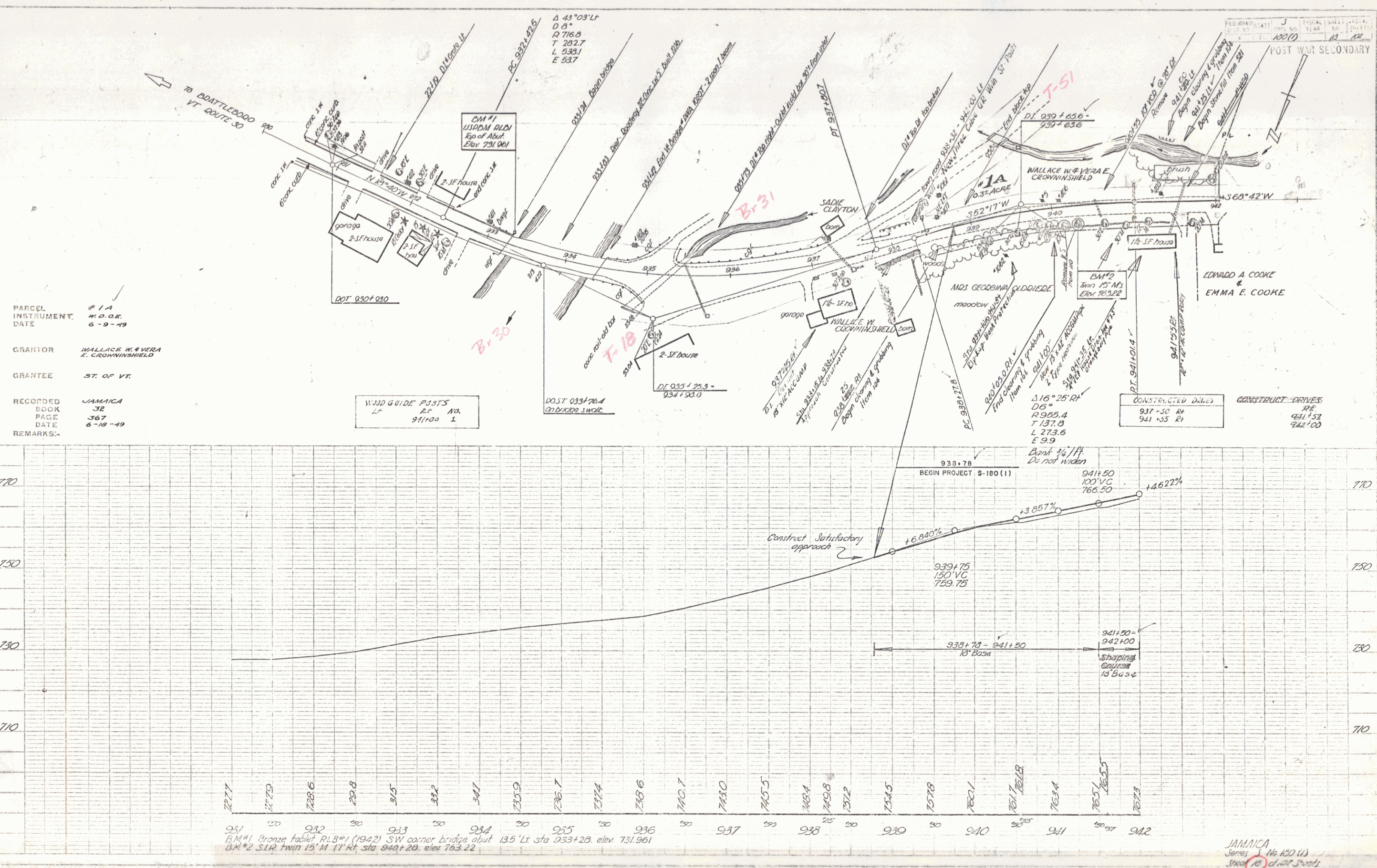
APPROVED: 18 FEB. 1949	APPROVED: 18 FEB. 1949	SHEET 1 OF 102
HIGHWAY ENGINEER	DISTRICT HIGHWAY COMMISSIONER	

STEARNS R. JENKINS

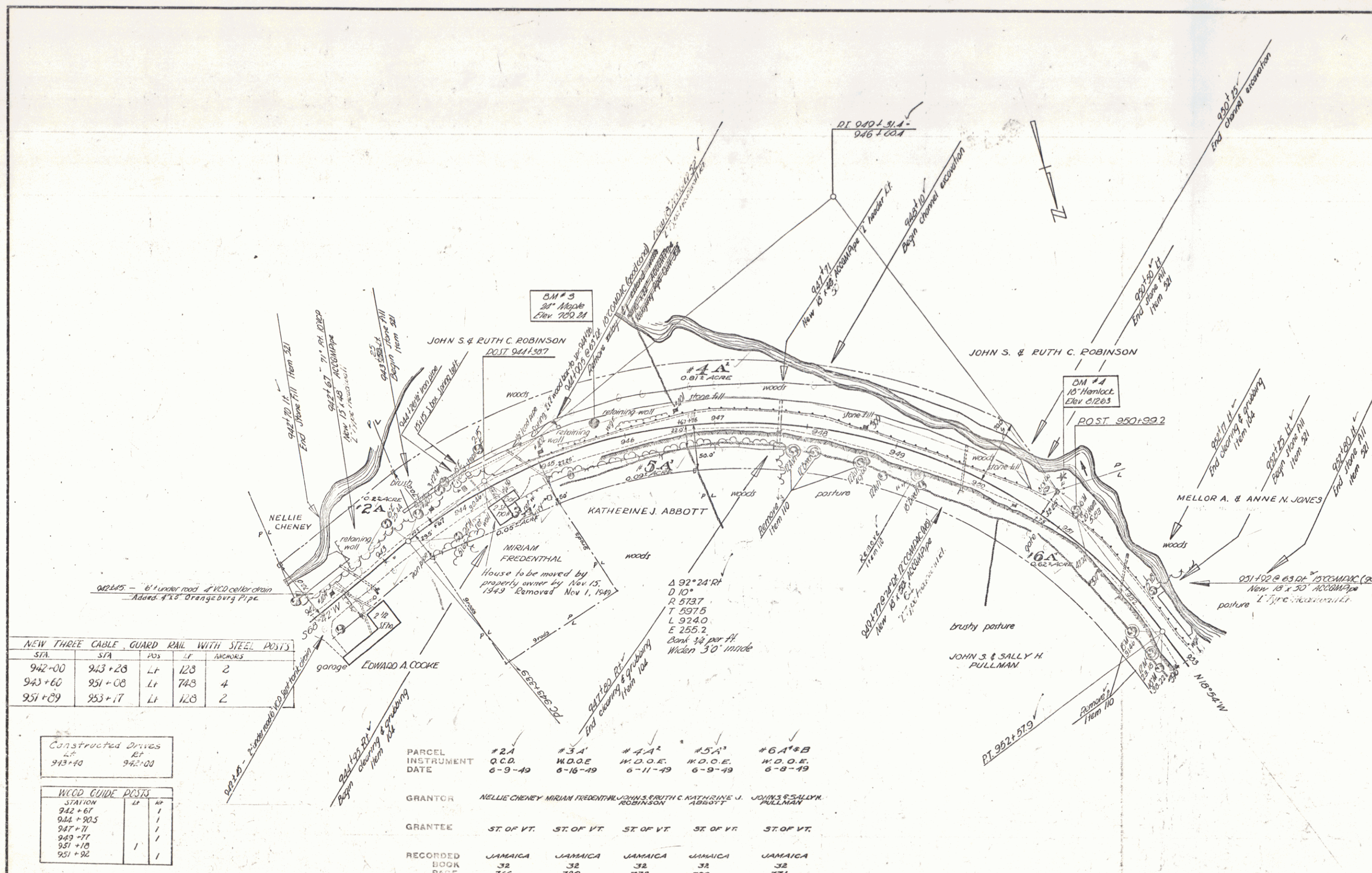
Rte 30

PLAN
 DATE
 SHEET NO.
 OF TOTAL SHEETS
 8-48
 10-48

PLAN
 DATE
 SHEET NO.
 OF TOTAL SHEETS
 8-48
 10-48



JAMAICA
 Series 1 No 120 (1)
 Sheet 18 of 22 Sheets



NEW THREE CABLE GUARD RAIL WITH STEEL POSTS

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

Constructed Drives

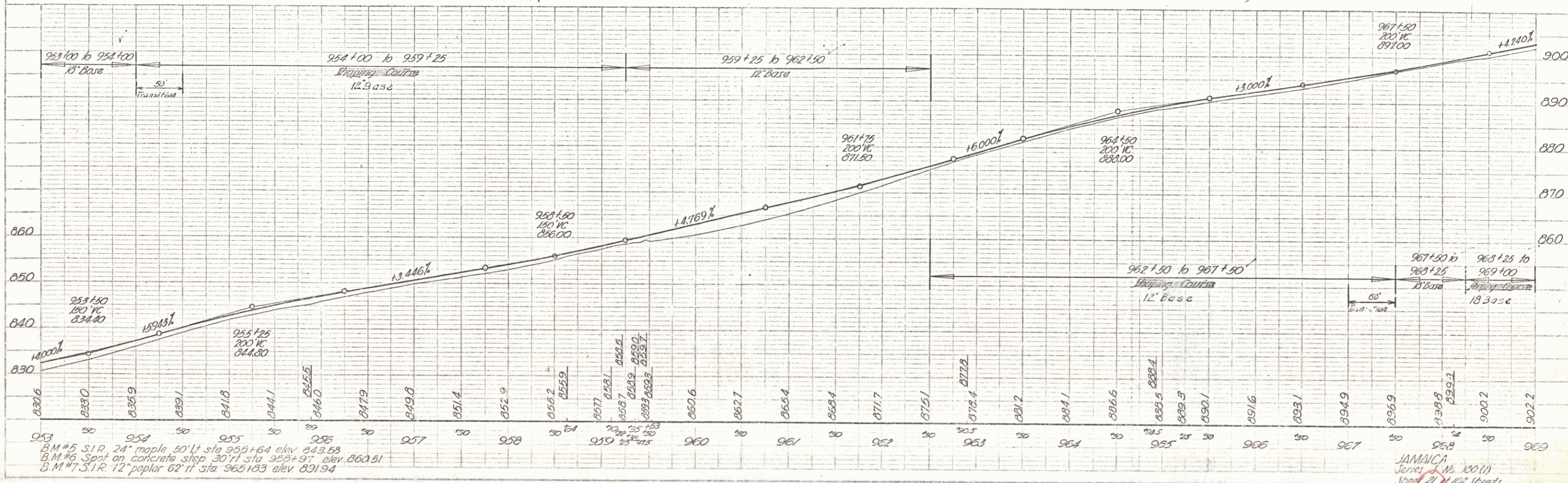
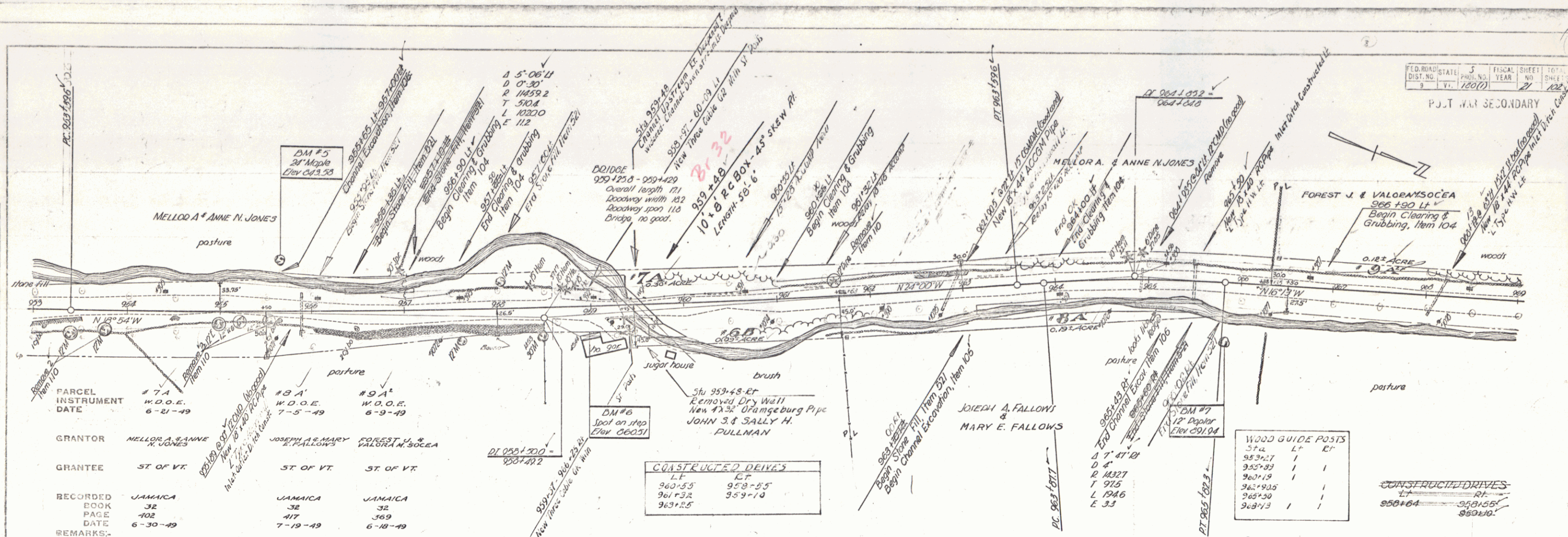
LT	RT
943+40	942+00

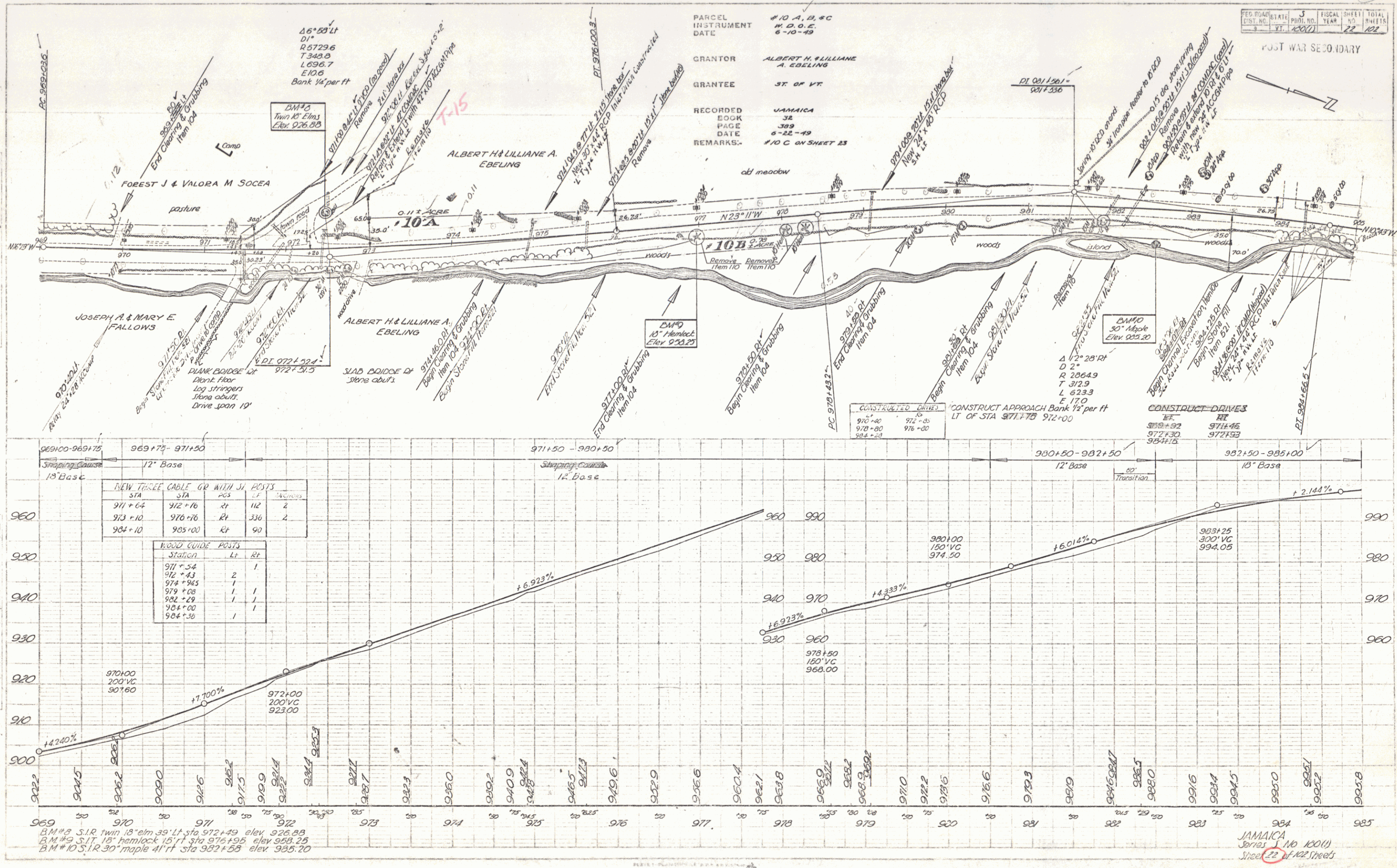
WOOD GUIDE POSTS

STATION	LT	RT
942+61	1	1
944+905	1	1
947+11	1	1
949+17	1	1
951+18	1	1
951+92	1	1

PARCEL	#2A	#3A	#4A	#5A	#6A
INSTRUMENT	Q.C.D.	W.D.O.E.	W.D.O.E.	W.D.O.E.	W.D.O.E.
DATE	6-9-49	6-18-49	6-11-49	6-9-49	6-8-49
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	32	32	32	32	32
DATE	6-18-49	6-22-49	6-18-49	6-18-49	6-18-49
REMARKS					#6.80N ST. 21

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





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

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT.	1949	22	102

POST WAS SECONDARY

STA	STA	POS	LT	RT
971+64	972+10	Rt	112	2
973+10	970+76	Rt	336	2
984+10	985+00	Rt	90	

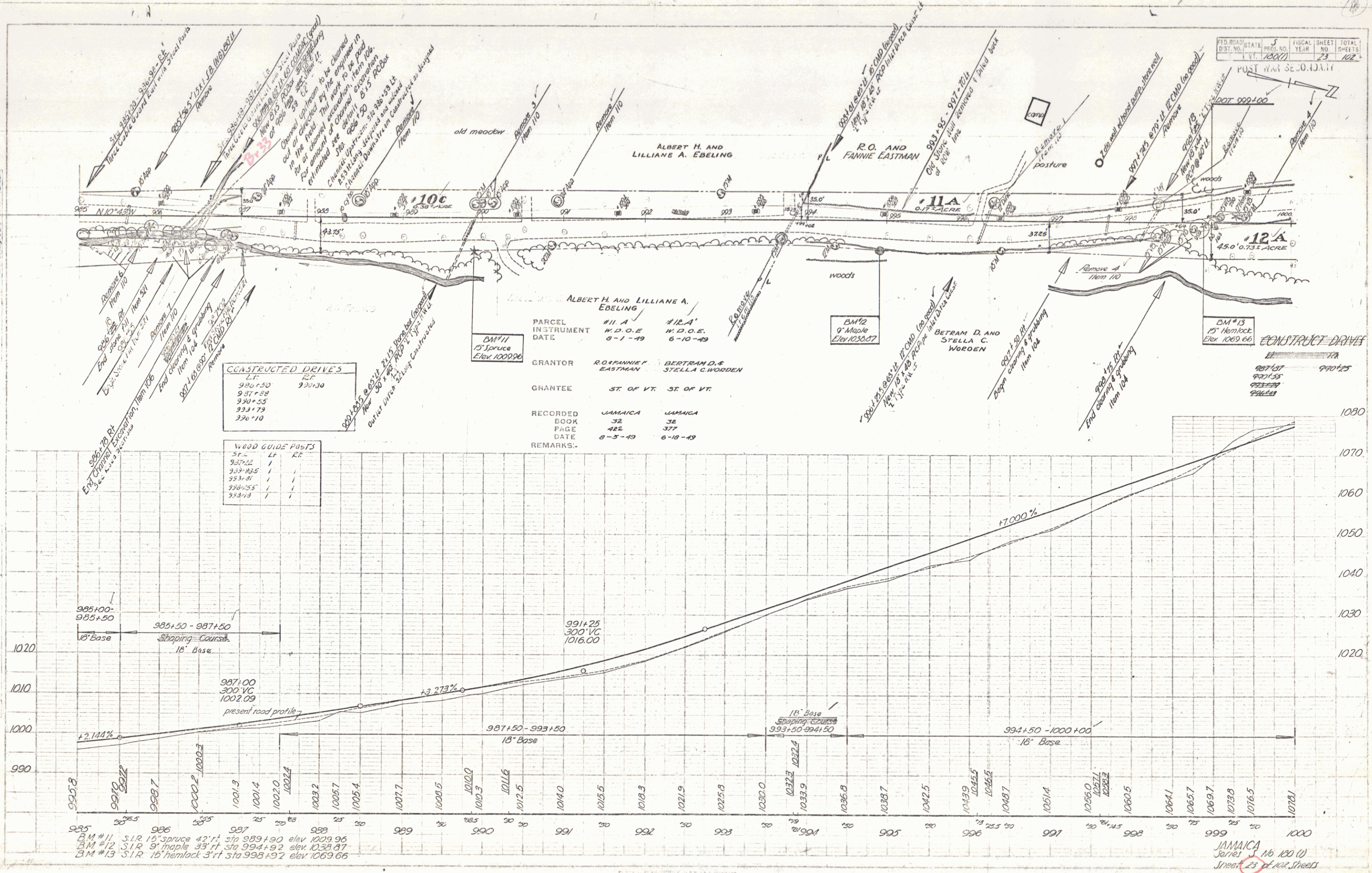
STATION	LT	RT
971+54	2	1
972+43	1	1
974+945	1	1
979+08	1	1
982+29	1	1
984+00	1	1
984+30	1	1

BM #8 S.I.R. twin 18" elm 39' lt sta 972+49 elev 926.88
BM #9 S.I.T. 18" hemlock 15' rt sta 976+95 elev 926.25
BM #10 S.I.R. 30" maple 41' rt sta 982+58 elev 935.20

JAMAICA
Series NO 100(1)
Sheet 22 of 102 sheets

7-48
3-26
5-48

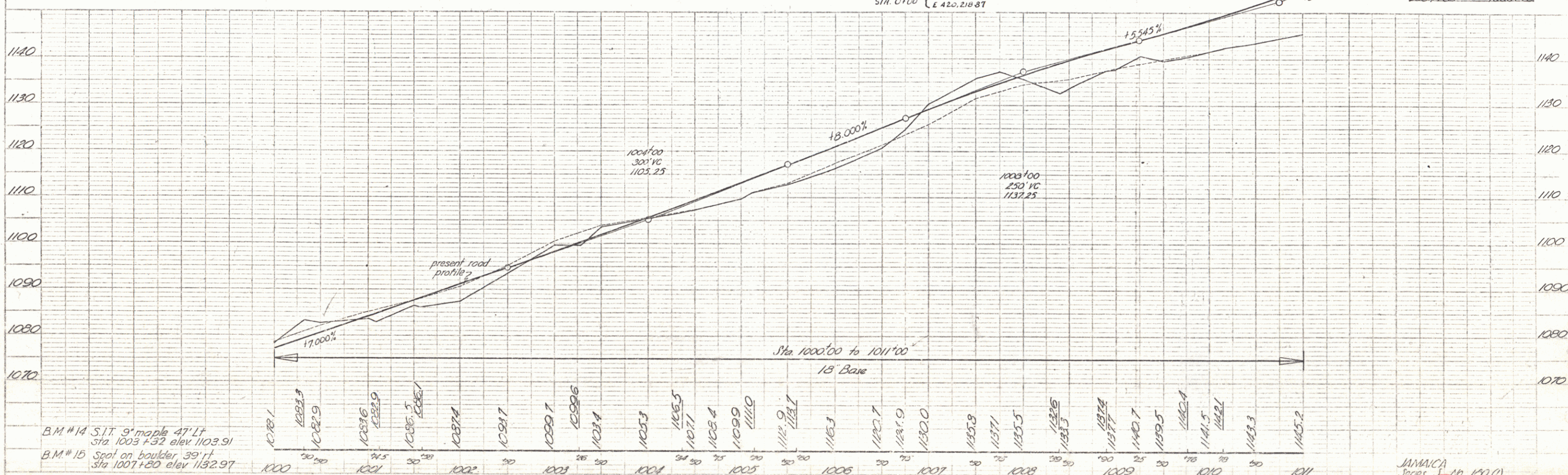
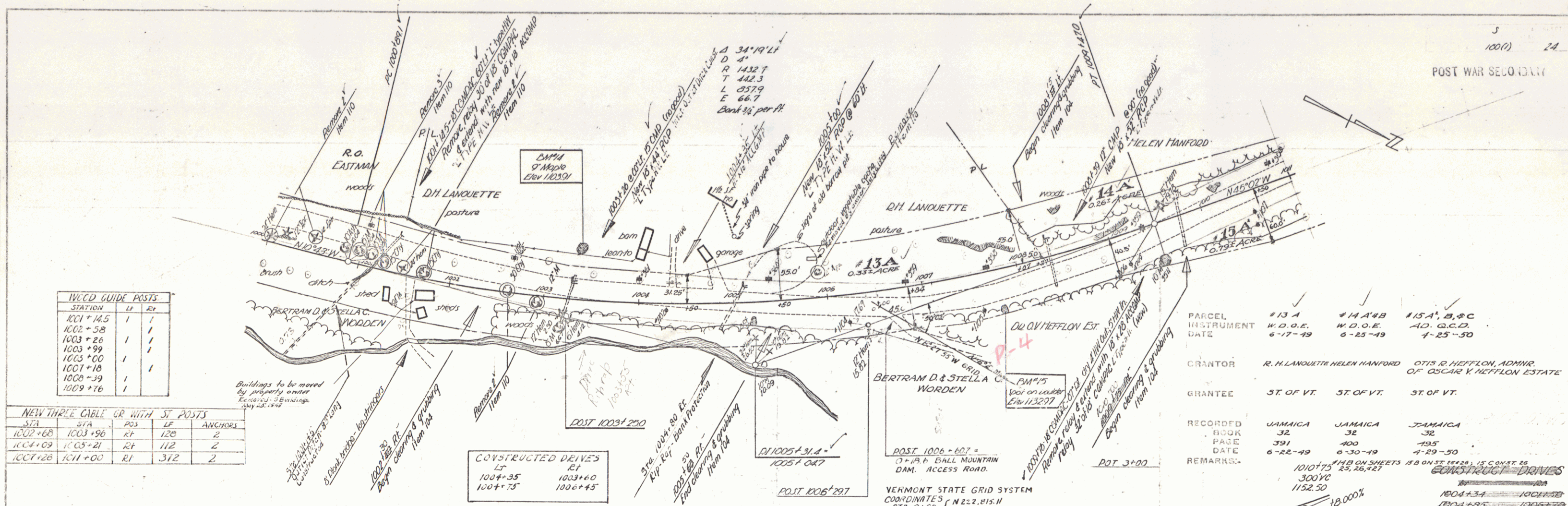
10-48



PLAN
 DATE
 DRAWN BY
 CHECKED BY

STATION	LF	RT
1001+14.5	1	1
1002+58	1	1
1003+26	1	1
1003+59	1	1
1003+60	1	1
1007+18	1	1
1008+39	1	1
1009+76	1	1

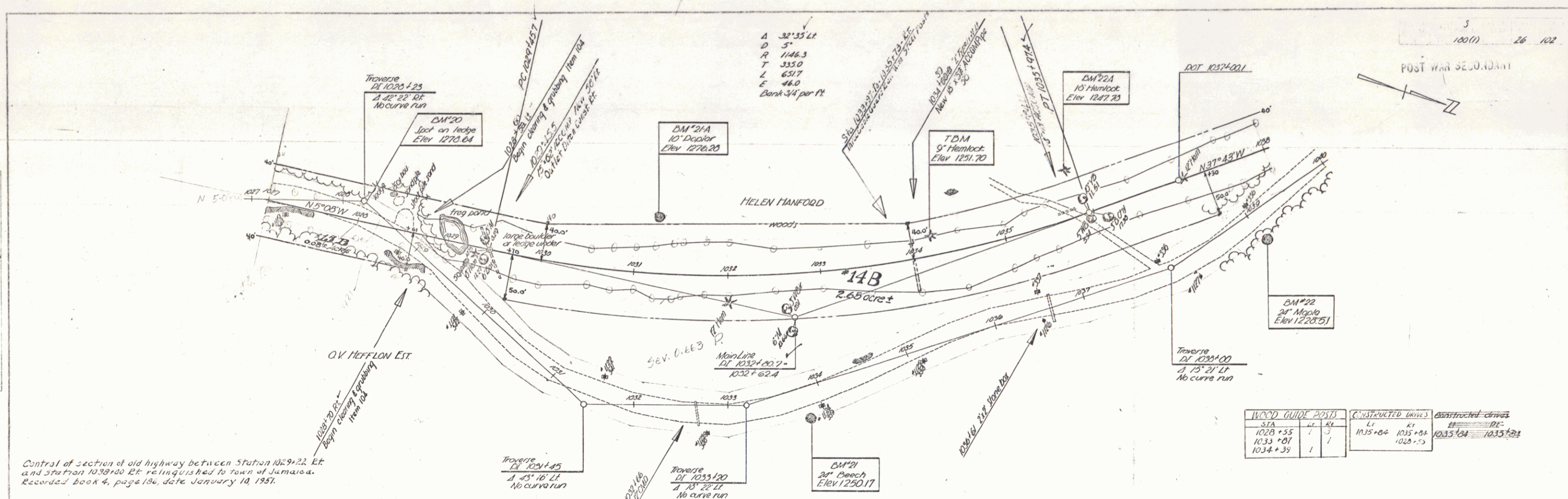
STATION	ST. OF	ST. OF	ST. OF
1002+60	1003+96	RT	120
1004+09	1005+21	RT	112
1007+28	1011+00	RT	312



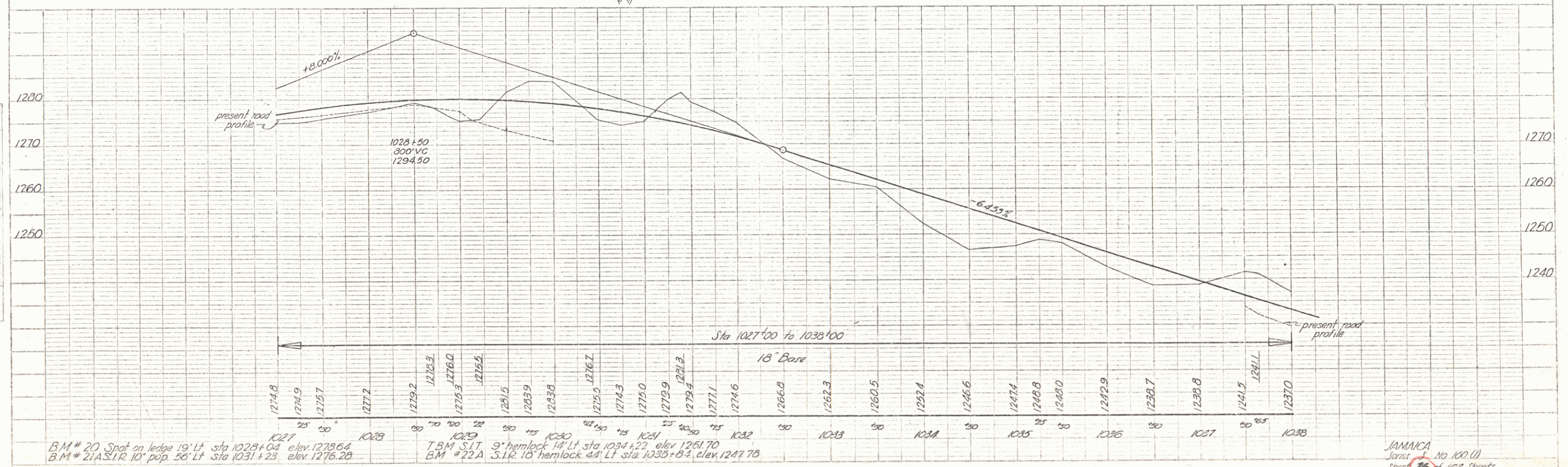
B.M. #14 S.T. 9" maple 47' ft
 Sta. 1003+32 elev 1103.91
 B.M. #15 Spot on boulder 39' ft
 Sta. 1007+80 elev 1132.97

JAMAICA
 Series 10 120 (1)
 Sheet 24 of 24 Sheets

PLAN
 DATE 8-48
 BY Houghton
 CHECKED
 REVISIONS



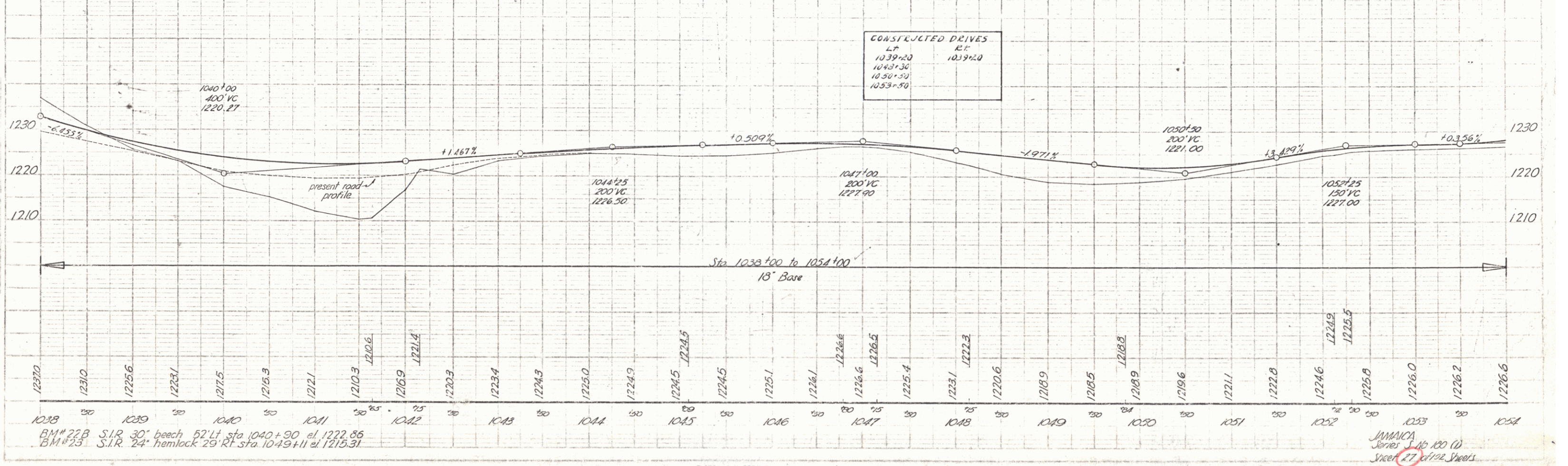
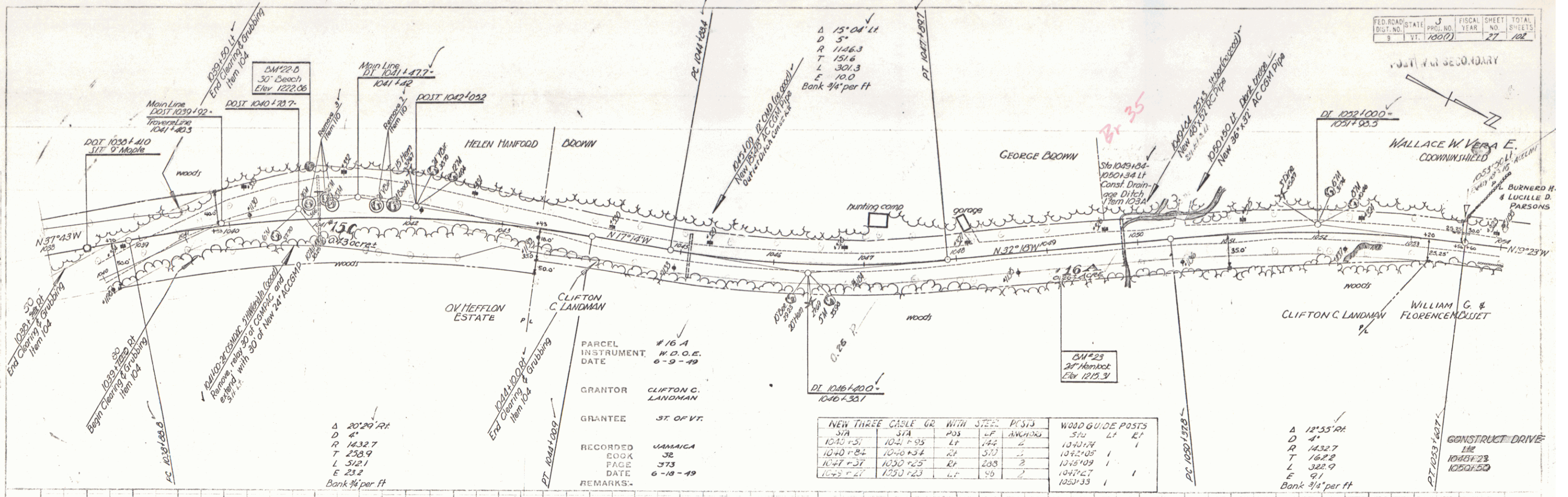
PROFILE
 DATE 7-48
 BY Brier
 CHECKED
 REVISIONS



BM # 20 Spot on ledge 19' Lt sta 1028+04 elev 1273.64
 BM # 21A S.I.T. 10' pop 56' Lt sta 1031+23 elev 1276.28
 TBM S.I.T. 9' hemlock 14' Lt sta 1034+22 elev 1261.70
 BM # 22A S.I.R. 16' hemlock 44' Lt sta 1035+8+ elev 1247.78

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

PLATE 1 - PLAN PROFILE - P. R. & E. STATIONING
 SCALE 1" = 100' HORIZ.
 SCALE 1" = 20' VERT.



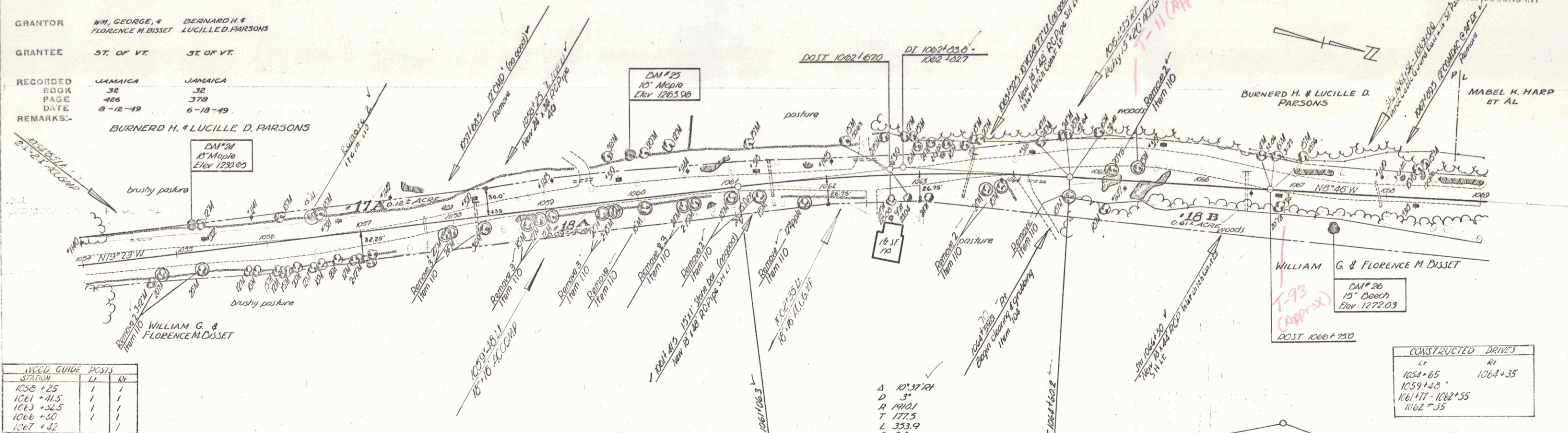
BM# 22B S.I.R. 30' beech 52' lt sta 1040+30 el 1222.86
 BM# 23 S.I.R. 24' hemlock 29' rt sta 1049+11 el 1215.31
 JAMAICA
 Sheet 27 of 27 Sheets
 10

PARCEL INSTRUMENT DATE
#13 483 W.D.O.E. 8-8-49
#174 W.D.O.E. 6-10-49

GRANTOR GRANTEE
WM. GEORGE & FLORENCE M. BISSET ST. OF VT.
BERNARD H. & LUCILLE D. PARSONS ST. OF VT.

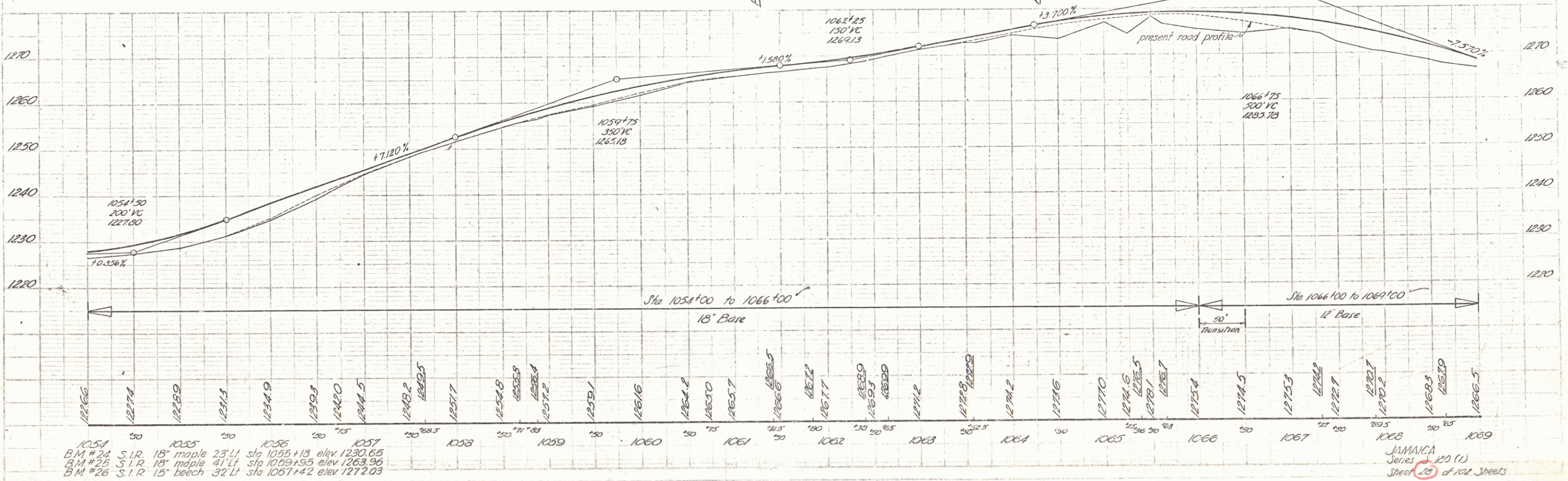
RECORDED BOOK PAGE DATE
JAMAICA 32 426 8-12-49
JAMAICA 32 378 6-18-49

REMARKS: BURNED H. & LUCILLE D. PARSONS



WOOD GUIDE POSTS	LI	RI
1058+25	1	1
1061+41.5	1	1
1063+52.5	1	1
1066+50	1	1
1067+42	1	1

CONSTRUCTED DRIVES	LI	RI
1058+65	1	1
1059+40	1	1
1061+77 - 1062+55	1	1
1062+55	1	1



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

JAMAICA Series of 100 (1)
Sheet 25 of 102 Sheets

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

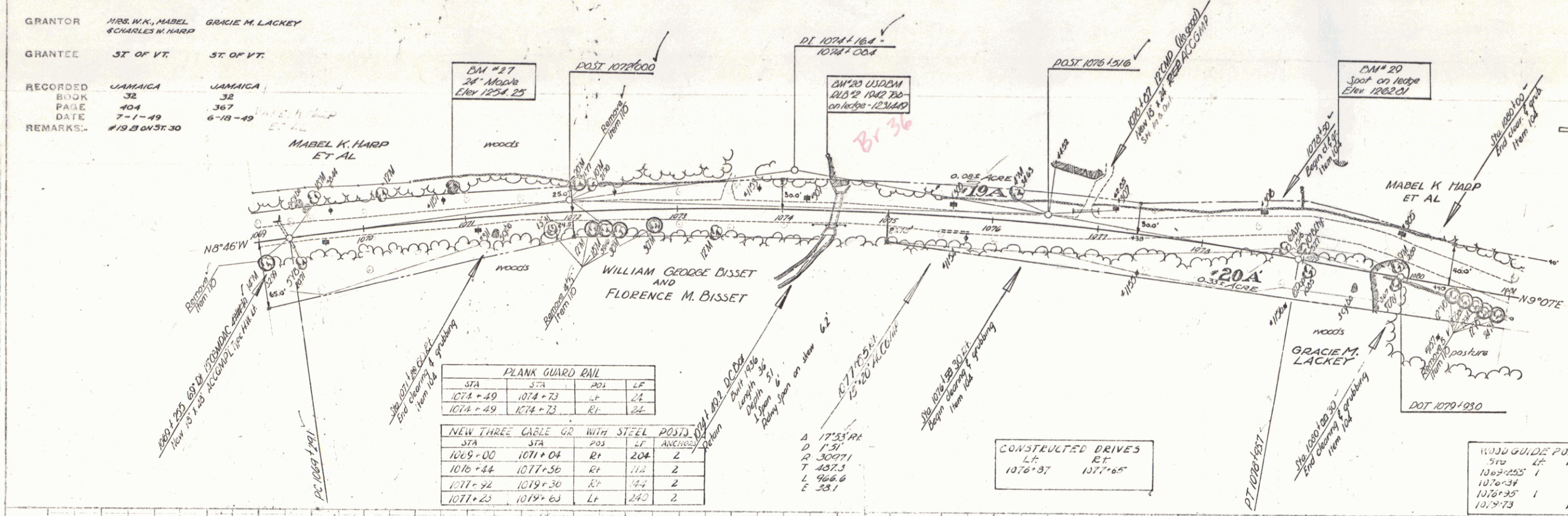
GRANTOR: MRS. W.K. MABEL #CHARLES W. HARP GRACIE M. LACKEY

GRANTEE: ST OF VT. ST OF VT.

RECORDED: JAMAICA JAMAICA
BOOK: 32 32
PAGE: 404 367
DATE: 7-1-49 6-18-49
REMARKS: #19-44B ST. 30

FED. ROAD STATE 3 FISCAL SHEET TOTAL
DIST. NO. 3 PROJ. NO. YEAR NO. SHEETS
9 11 1949 10 102

POST WAR SECONDARY 1

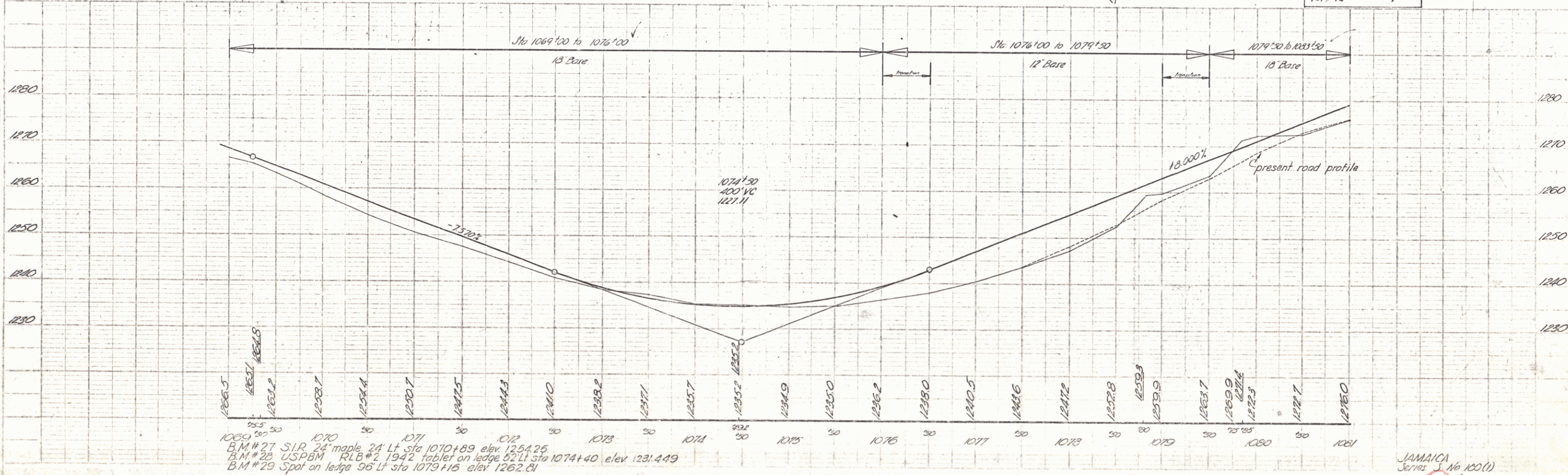


STA	STA	POS	LT	RT
1074+49	1074+73	RT	24	24
1074+49	1074+73	RT	24	24

STA	STA	POS	LT	RT
1069+00	1071+04	RT	204	2
1070+44	1071+56	RT	112	2
1071+42	1071+30	RT	144	2
1071+42	1071+63	LT	240	2

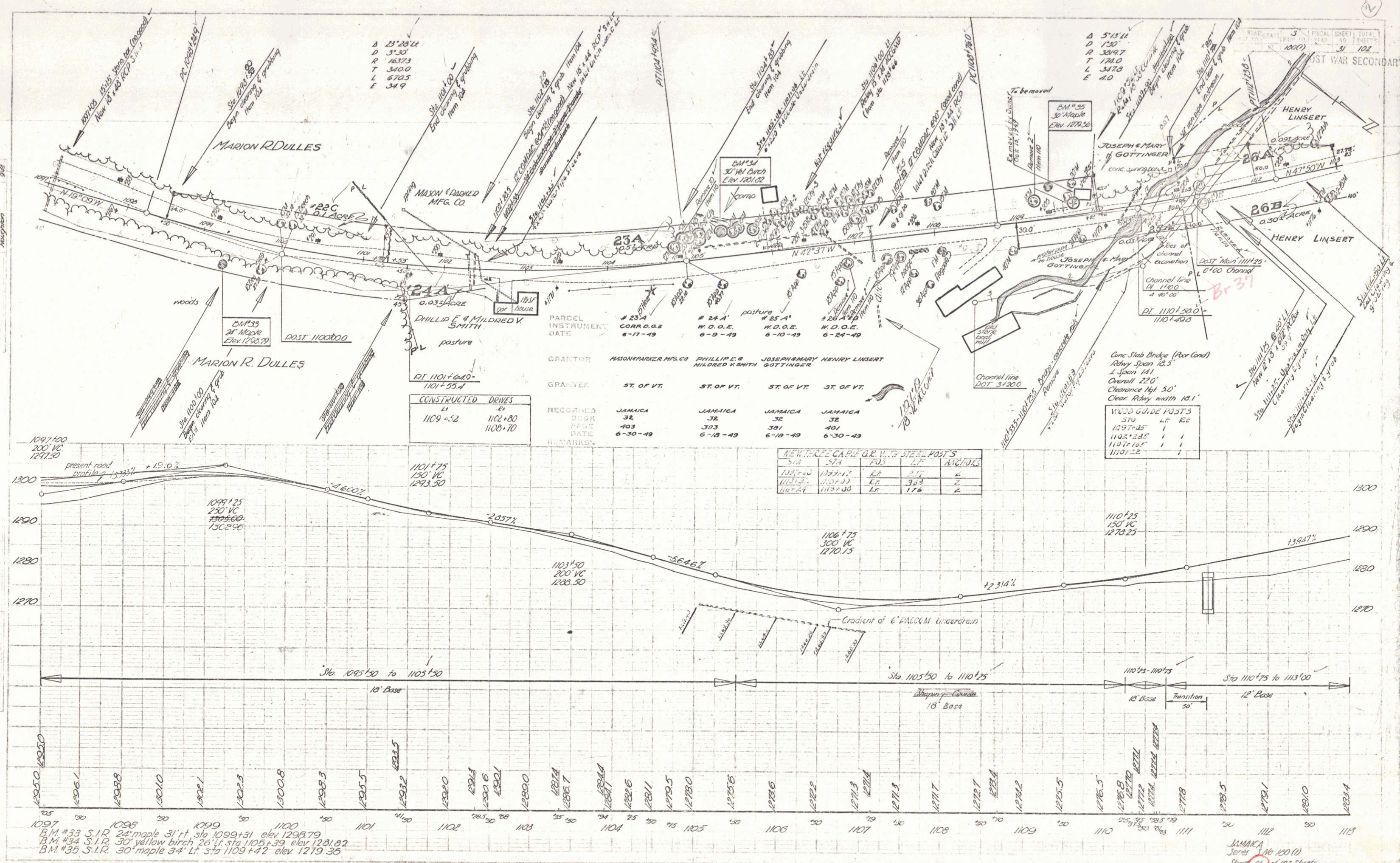
STA	STA	POS	LT	RT
1076+37	1077+05	RT	1	1

STA	STA	POS	LT	RT
1076+25	1076+34	RT	1	1
1076+34	1076+35	RT	1	1
1076+35	1076+37	RT	1	1

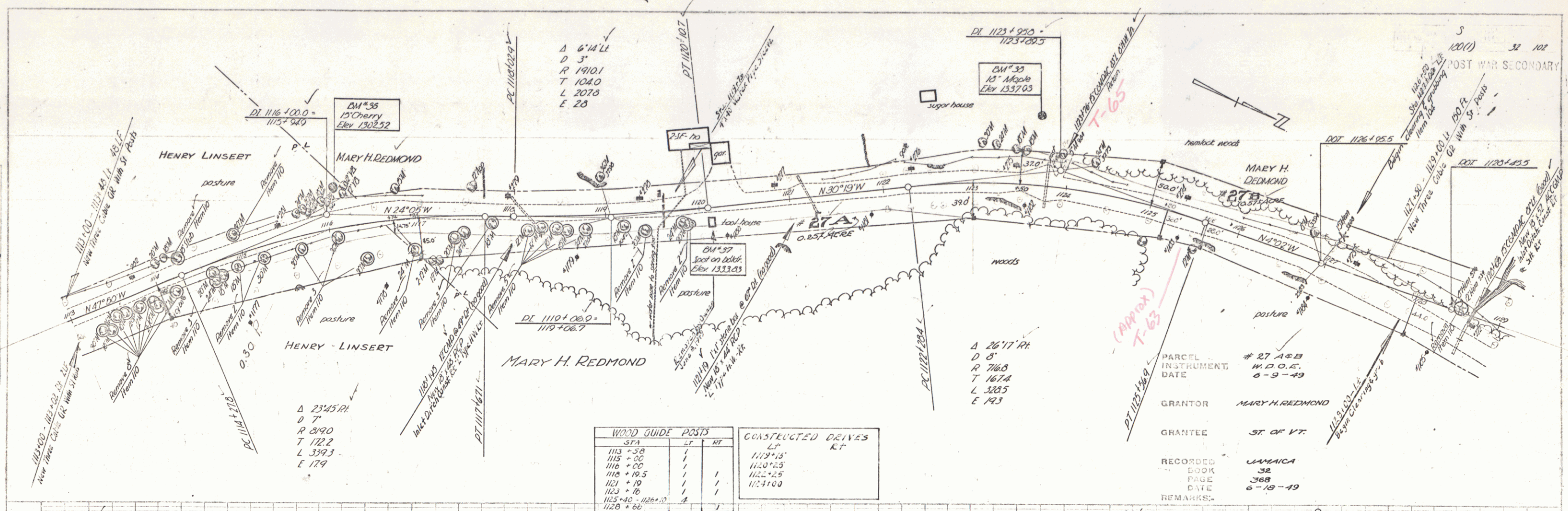


BM #27 S.I.R. 24' maple 24' LT sta 1070+89 elev 1254.25
BM #28 USPBM RLB #2 1942 tablet on ledge 52' LT sta 1074+40 elev 1231.449
BM #29 Spot on ledge 96' LT sta 1079+15 elev 1262.61

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

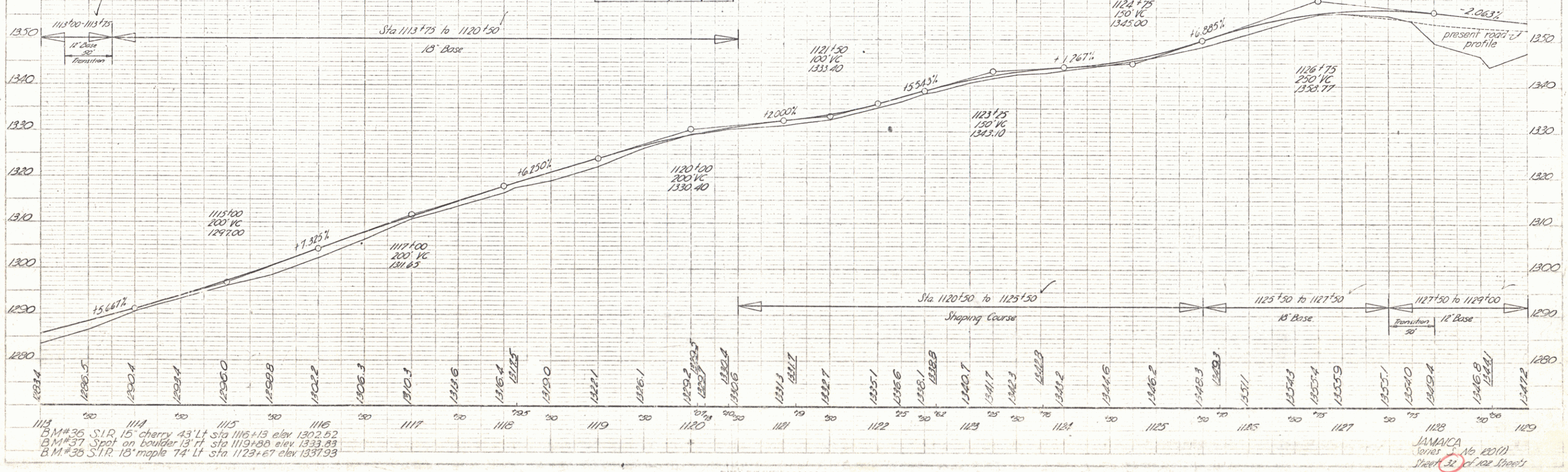


FILE NO. 1116
 PROJECT NO. 1116
 SHEET NO. 1116
 DATE 6-18-49



WOOD GUIDE POSTS		
STA	LT	RT
1113 + 3.9		
1115 + 0.0		
1116 + 0.0		
1116 + 10.5		
1121 + 19		
1123 + 16		
1125 + 40		
1126 + 66		

CONSTRUCTED DRIVES		
LT	RT	
1119 + 13		
1120 + 25		
1122 + 25		
1123 + 100		

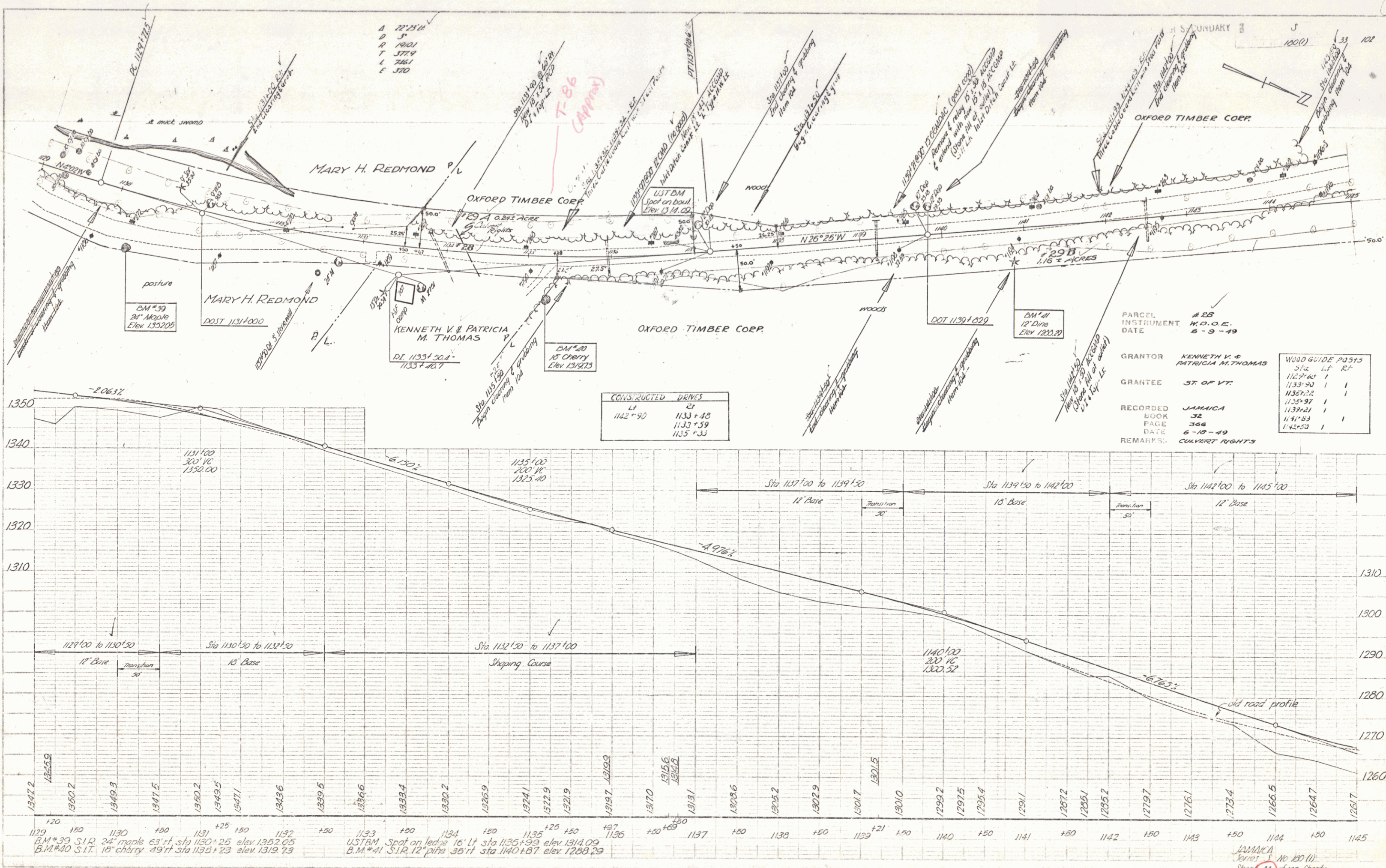


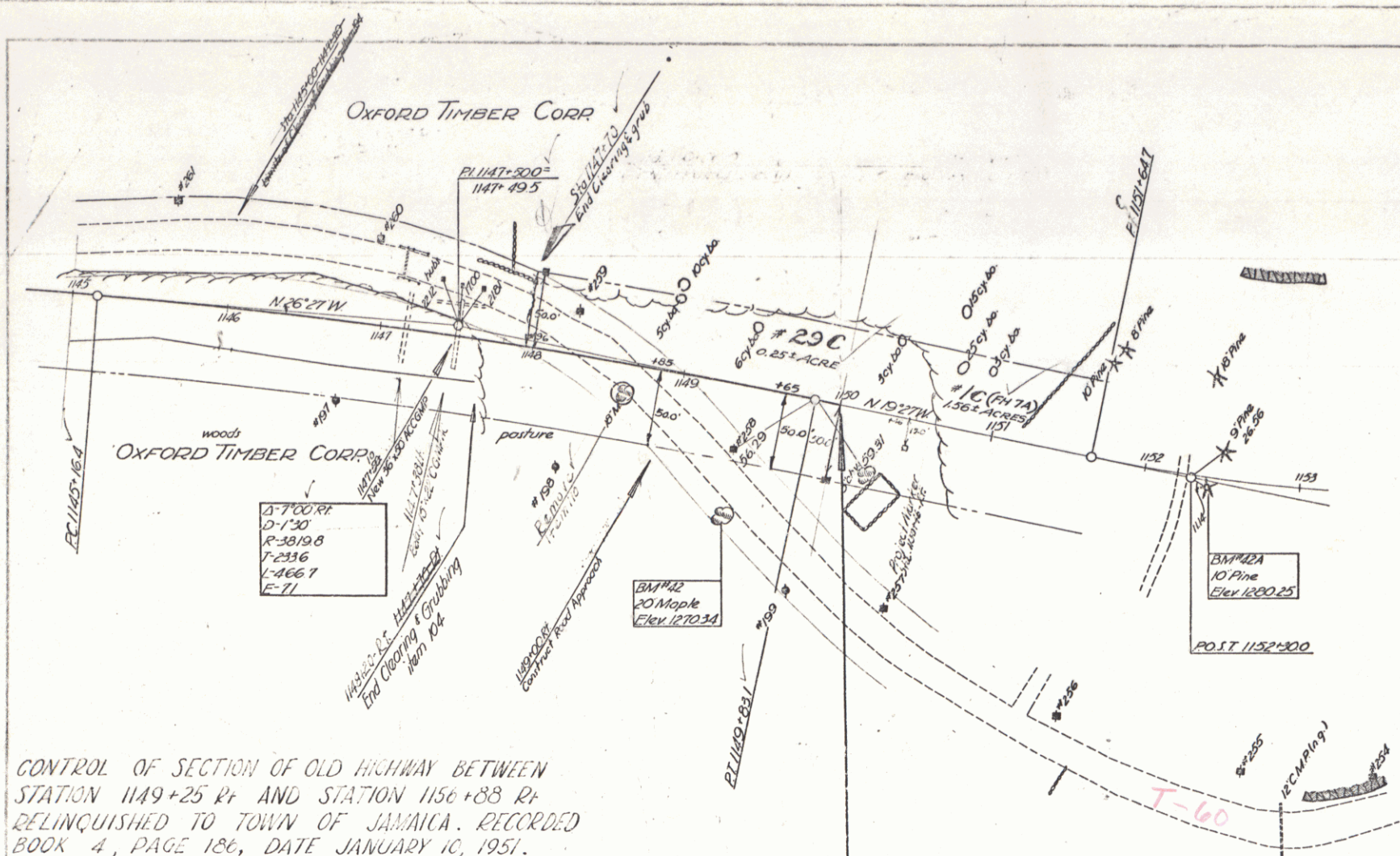
BM#35, 15' cherry 43' Lt Sta 1116+13 elev 1302.52
 BM#37, 10' maple 74' Lt Sta 1123+67 elev 1337.93
 BM#36, 15' maple 74' Lt Sta 1123+67 elev 1337.93

JAMAICA
 Jones No. 120(1)
 Street 31' of Road Street

FILE
DATE
BY
CHECKED
DATE
BY

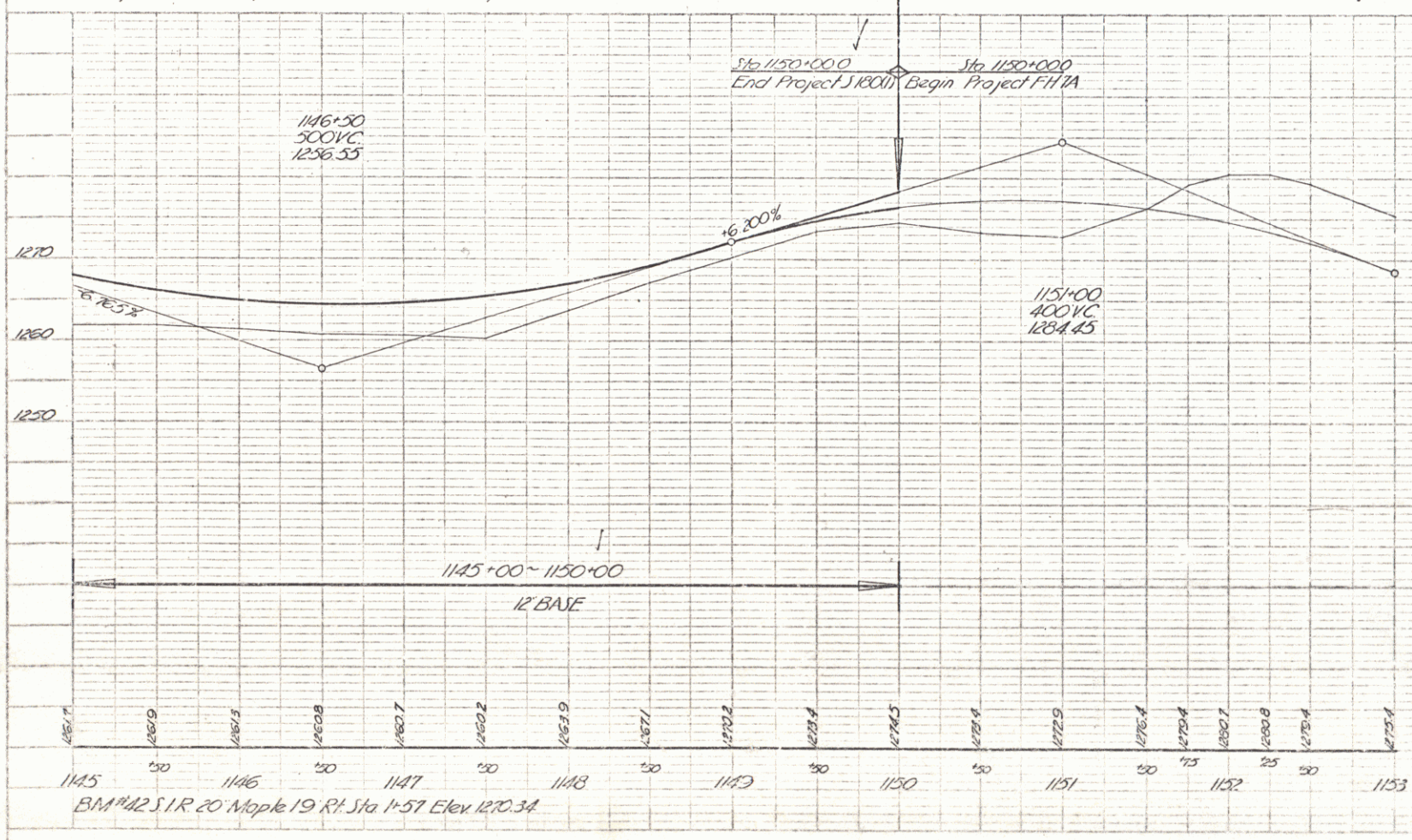
FILE
DATE
BY
CHECKED
DATE
BY





CONSTRUCTED DRIVES	10000' GUIDE POSTS
LT 1147+38	RT 1148+55
RT 1147+50	LT 1148+55

PARCEL # 29 A, B, C - #1C
 DOCUMENT CORR. D.O.E.
 DATE 6-17-49
 GRANTOR OXFORD TIMBER CORR
 (IRA G. ELLIS, TRUST)
 GRANTEE ST. OF VT.
 RECORDED JAMAICA
 BOOK 32
 PAGE 392
 DATE 6-22-49
 REMARKS #1C ON FH 7A



Factor Calculation			
Combined Projects			
51800' FH 7A			
Factor = 1.156			
Materials	51800'	FH 7A	Excavation
Borrow	24,768	350	25,118 cy
Curbs (unclassified)	30,179	76,098	76,579
Misc. (with sections)	148	148	61
Underground Excav.	210	698	908
Channel Excav.	1,936	899	2,835
Top Soil Removal		1,317	1,317
Structure Excav.		166	166
Totals	57,839	197,977	107,586 cy
Grand Totals			
Plasterer Fillless SR	5,571	23,794	20,965 cy
Unauthorized F.H.	11,338	33	11,338
Measured Drive Pits		33	33
Top Soil Removal		1,317	1,317
Totals	67,907	25,144	93,051 cy
Factor Combined Projects	F = 1.156		
51800' FH 7A	92,033		

* FH 7A, 46,055 cy is Plasterer Excav. before deduction of earth waste

Earth Work Summary				
51800' FH 7A				
Project	Excavation	Shrinkage	Embankment	Channel
51800' FH 7A	30,419	38,49	56,571	100
	12,312	1869	23,794	34,929

Deductible Waste		
51800' FH 7A		
Project	Embankment	Sub Base
51800' FH 7A	11,338	632

JAMAICA
 Series S No. 1000
 Sheet 34 of 102 sheets