FED. ROAD DIVISION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT	ST 191 S	1957 WAR	1	74

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID
SECONDARY PROJECT

TOWN OF ROCHESTER
COUNTY OF WINDSOR
BRANDON - ROCHESTER ROAD
VERMONT ROUTE 73

BEGINNING AT A POINT APPROXIMATELY 4.067 MILES SOUTHEASTERLY OF THE CHITTENDEN - ROCHESTER TOWN LINE AND EXTENDING NORTHEASTERLY 2.414 MILES

LENGTH OF PROJECT = 12,746.40 FEET = 2.414 MILES

INDEX OF SHEETS

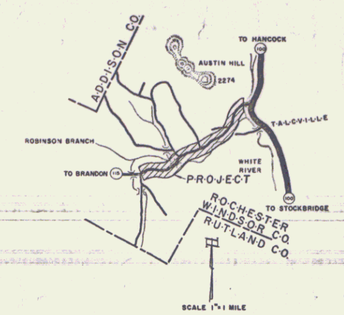
SHEET NO.
1 TITLE PAGE
2 TYPICAL CROSS SECTION OF IMPROVEMENT (DOUBLE TACK COAT OF REFINED TAR WITH PEASTONE SEAL, ITEM 312-A)
3 BANKING TABLE, ROADWAY STANDARD RS 56-1
4 QUANTITY SHEET (ITEM & DRAINAGE)
5 QUANTITY SHEET (SUMMARY)
6-8 EARTHWORK SHEETS
9 ROADWAY STANDARD RS 56-3
10 " " RS 56-4
11 " " RS 56-6
12 " " RS 56-9
13 " " RS 56-10
14 " " RS 56-12
15-24 PLAN AND PROFILE SHEETS
24-A 7'-0" X 5'-1" CORR. GALV. METPEL PIPE ARCH
25-74 CROSS SECTIONS

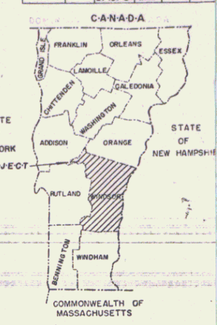
Project Name & Number	Type	Pavement Area
Rochester ST 191 S	Double Tack Coat (Oil for Pavement Seal)	28,324 s.y.

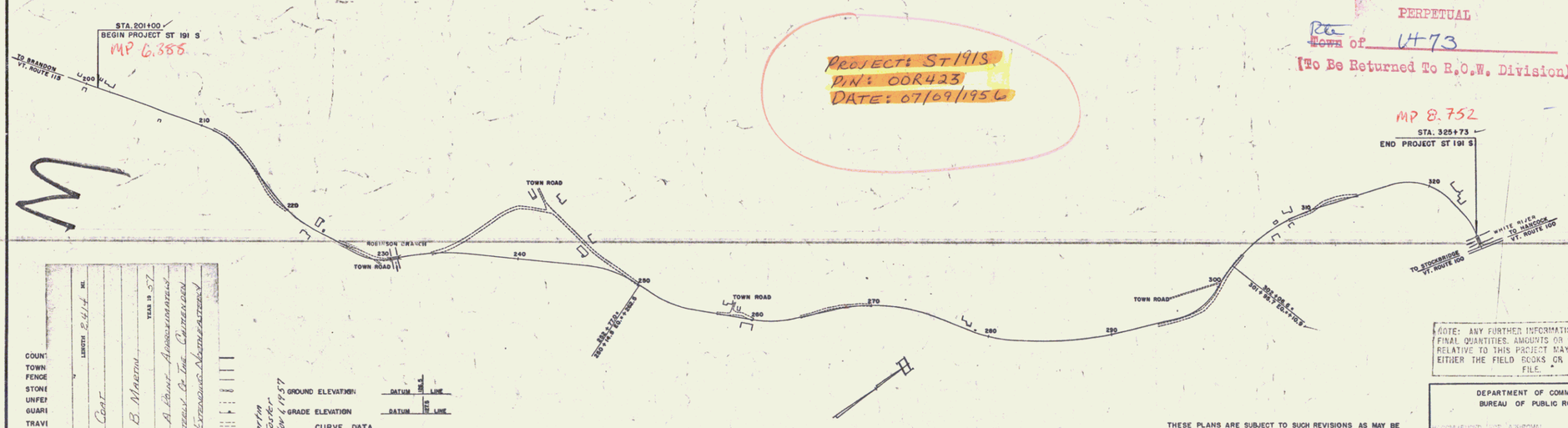
Record Plans

Materials

Subbase & Gravel - Stoddards & Martin River Bar	Refined Tar - Barrett Division Malden, Mass.
Crushed Gravel - Lyon Pit (on project)	W.C.G.M. Pipe - New England Metal Culvert Co.
Peastone for Seal - Colonial Sand & Gravel & Sharon	Paint Concrete Pipe - Vt. Conc. Pipe Co. Windsor Vt.
Sand - Colonial Sand & Gravel Co. Sharon, Vt.	Edge Guard Rail - Bethlehem Steel Lebanon, Pa.
Contractor - Willard B. Martin	Contract Dated - Aug 2, 1956
Resident Engr - C. B. Foster	Contract Started - Aug 14, 1956
Inspector - Earl Cruickshank	Contract Completed - Nov 6, 1957
Record Plans - C. B. Foster	Contract Accepted - Nov 1, 1957







PROJECT: ST 191S
P.N.: 00R423
DATE: 07/09/1956

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Rte ~~Town~~ of VT 73
(To Be Returned To R.O.W. Division)

COUNTY	
TOWN	
FENCE	
STONE	
UNFEN	
GUARD	
TRAVI	
RAILR	
RETAI	
CENTE	
SURVE	
CULVE	
DROP	
TROLL	
POWER	
TELEP	
TREES	
HEDGE	
PROJECT	Rochester ST 191 S
LENGTH	2.414 MI.
DESIGN	Double Tack Coat
INSPECTOR	Willard B. Martin
YEAR 1957	
LOCATION	Beginning At A Point Approximately 4.067 Mi. Southeasterly Of The Chittenden Co. Line And Extending Northeasterly 2.414 Mi.

Rochester ST 191-S
Const. Willard B. Martin
Record Plans C. B. Foster
Const. Completed Nov 6 1957

GROUND ELEVATION DATUM ____ MSL LINE
GRADE ELEVATION DATUM ____ MSL LINE

CURVE DATA

DEFLECTION OF 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.
POINT ON SUB-TANGENT	P.O.S.T.

SCALES

TITLE	1" = 400'
TYPICAL	1" = 8'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'

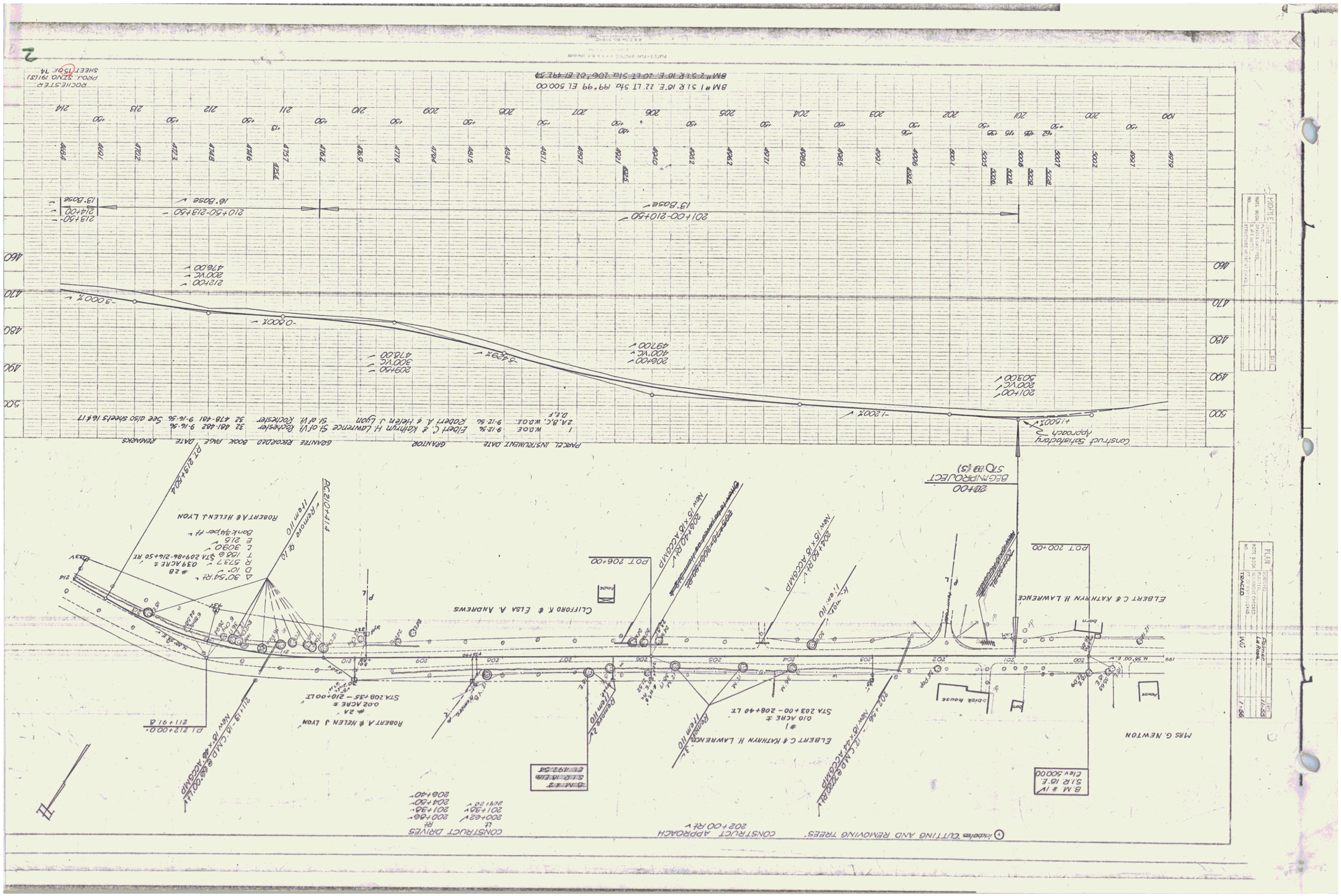
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS FOR APPROVAL ON APRIL 9, 1956 INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DISTRICT ENGINEER DATE

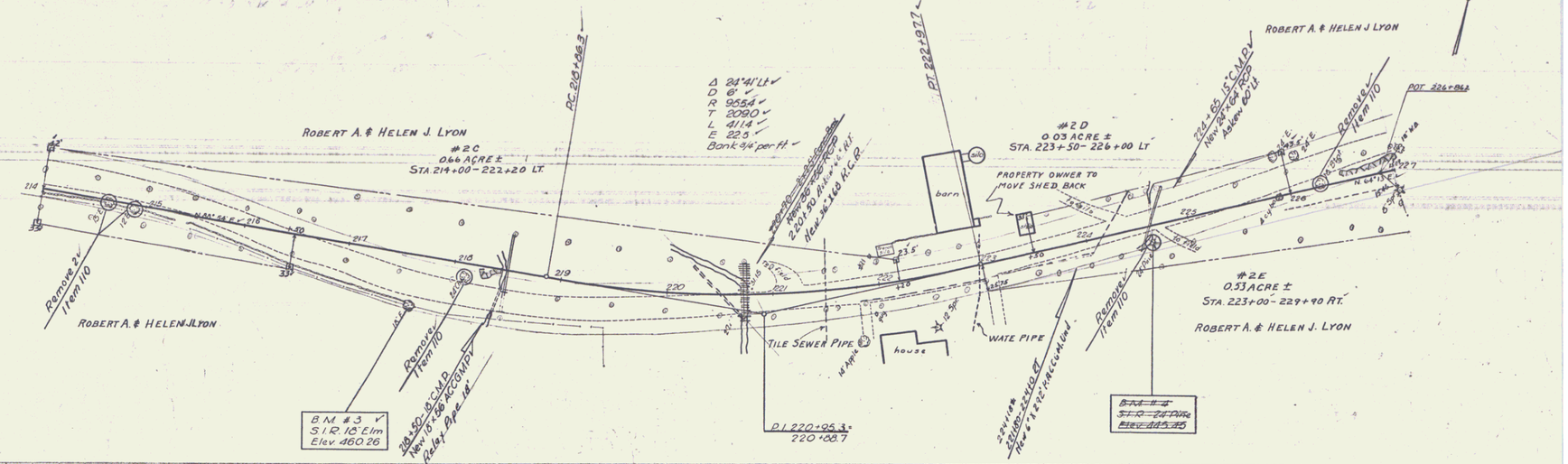
APPROVED [signature] CONSTRUCTION ENGINEER DATE July 9 1956	APPROVED BRIDGE ENGINEER DATE	APPROVED [signature] DISTRICT ENGINEER DATE July 16 1956	APPROVED [signature] HIGHWAY ENGINEER DATE July 9 1956	APPROVED [signature] CHIEF ENGINEER DATE July 9 1956 SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD	PROJECT ST NO. 191 S SHEET 1 OF SHEETS 74

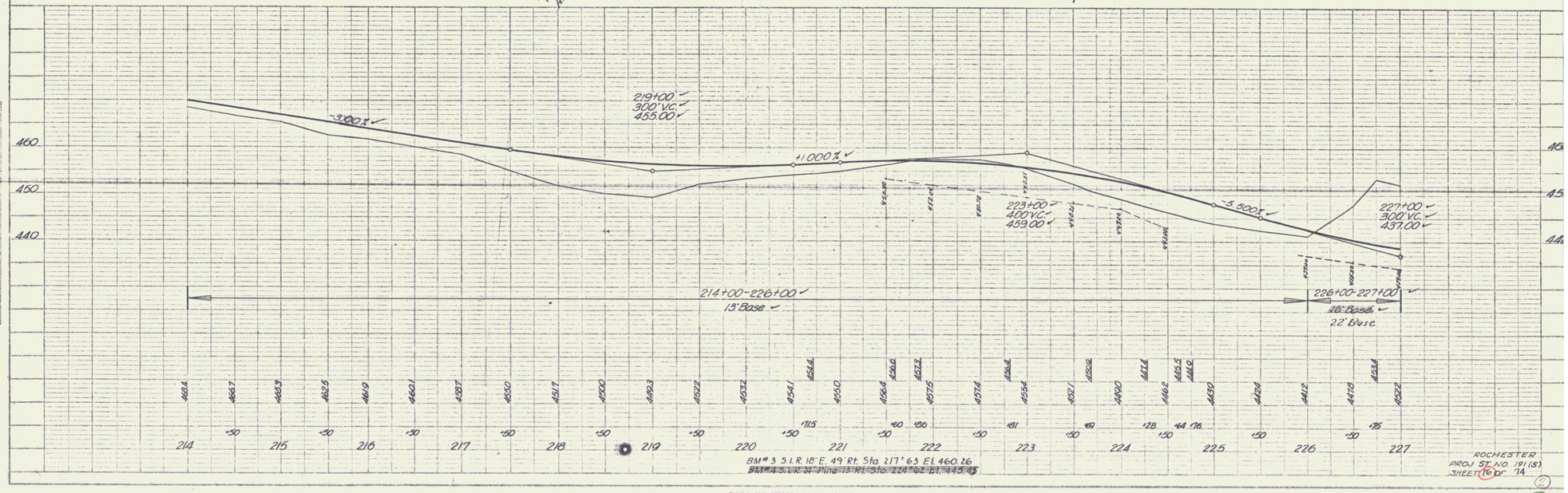

PROFILE
PLAN
MRS G. NEWTON
ELBERT C & KATHRYN H. LAWRENCE
CLIFFORD K & ELSA A. ANDREWS
ROBERT A & HELEN J. LYON
CONSTRUCT APPROACH
CONSTRUCT DRIVES
BEGIN PROJECT
STD 18 (S)
POT 200+00
POT 206+00
BM #1 5 1/R 10' E 22' LT Sta 199+99 El 500.00
ROCHESTER
PROJ. STND 19(S)
SHEET 15 OF 14

⊙ Indicates "Cutting and Removing Trees", Item 110

TWO CABLE GUARD RAIL
Lt Rt
~~216+64 - 220+64~~
Wood Guide Posts
Lt
224+64 - 225+44
218+50 - 220+66

CONSTRUCT DRIVES
Lt Rt
221+00 — 221+00
223+00 — 223+00
224+28 — 221+75
213+50 — 224+75



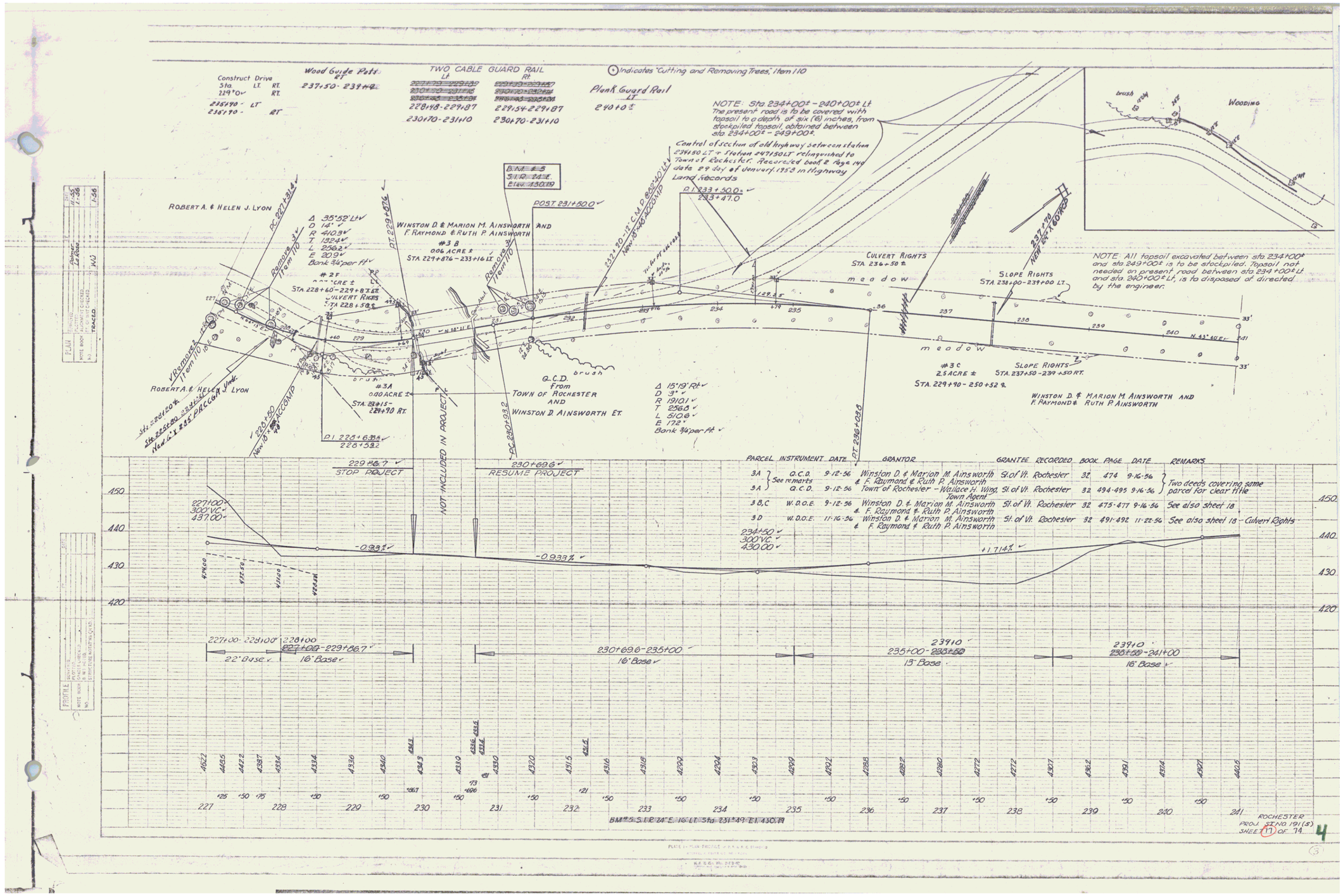


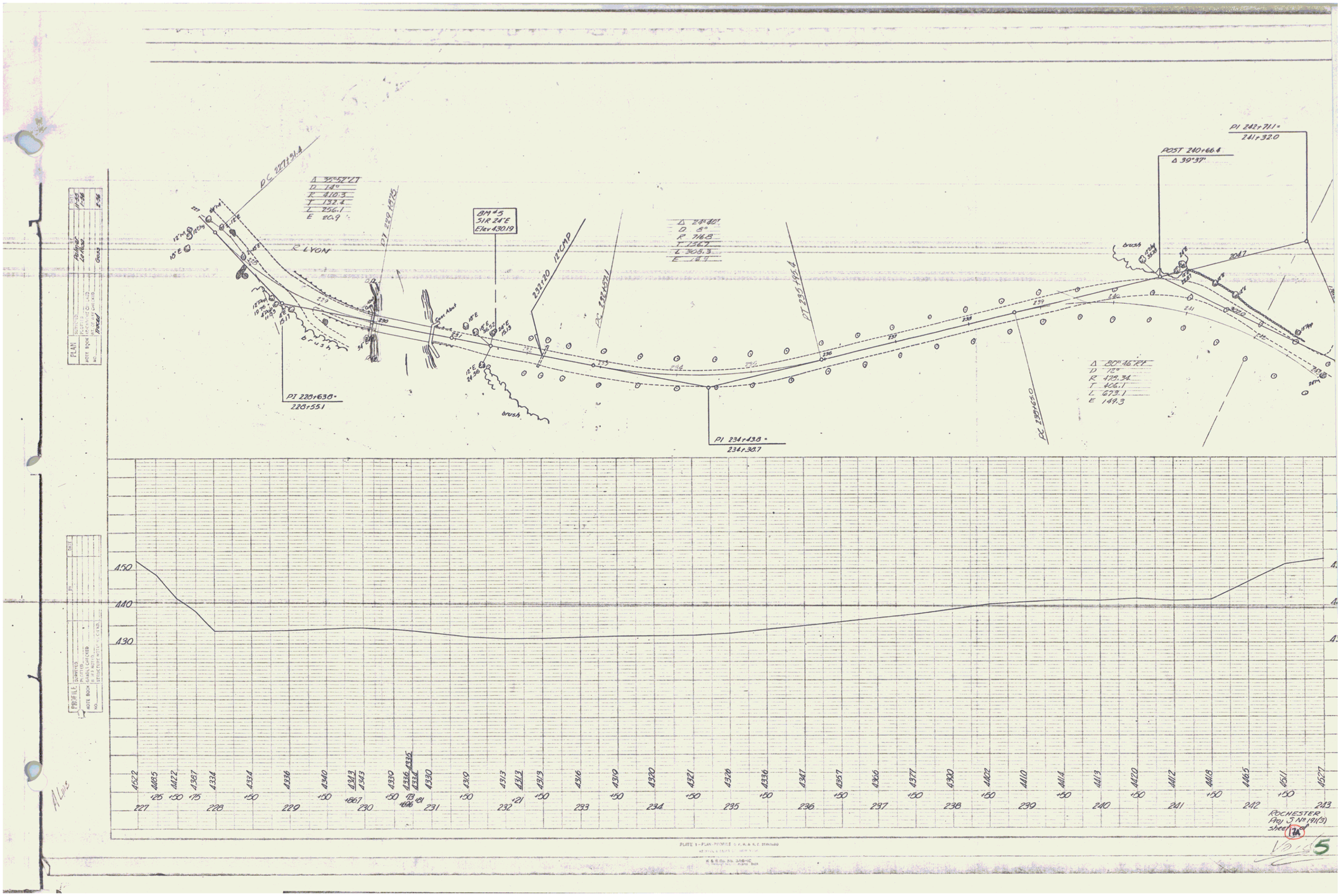
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
NO. OF RAF CHECKED
TRACED
Dumas
Lakeas
WG
1.55
1.56
1.56

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.M.S. PLOTTED
NOTE BOOK
NO.
STANDARD GRADES CHECKED

ROCHESTER
PROJ ST. NO. 191 (S)
SHEET 16 OF 14

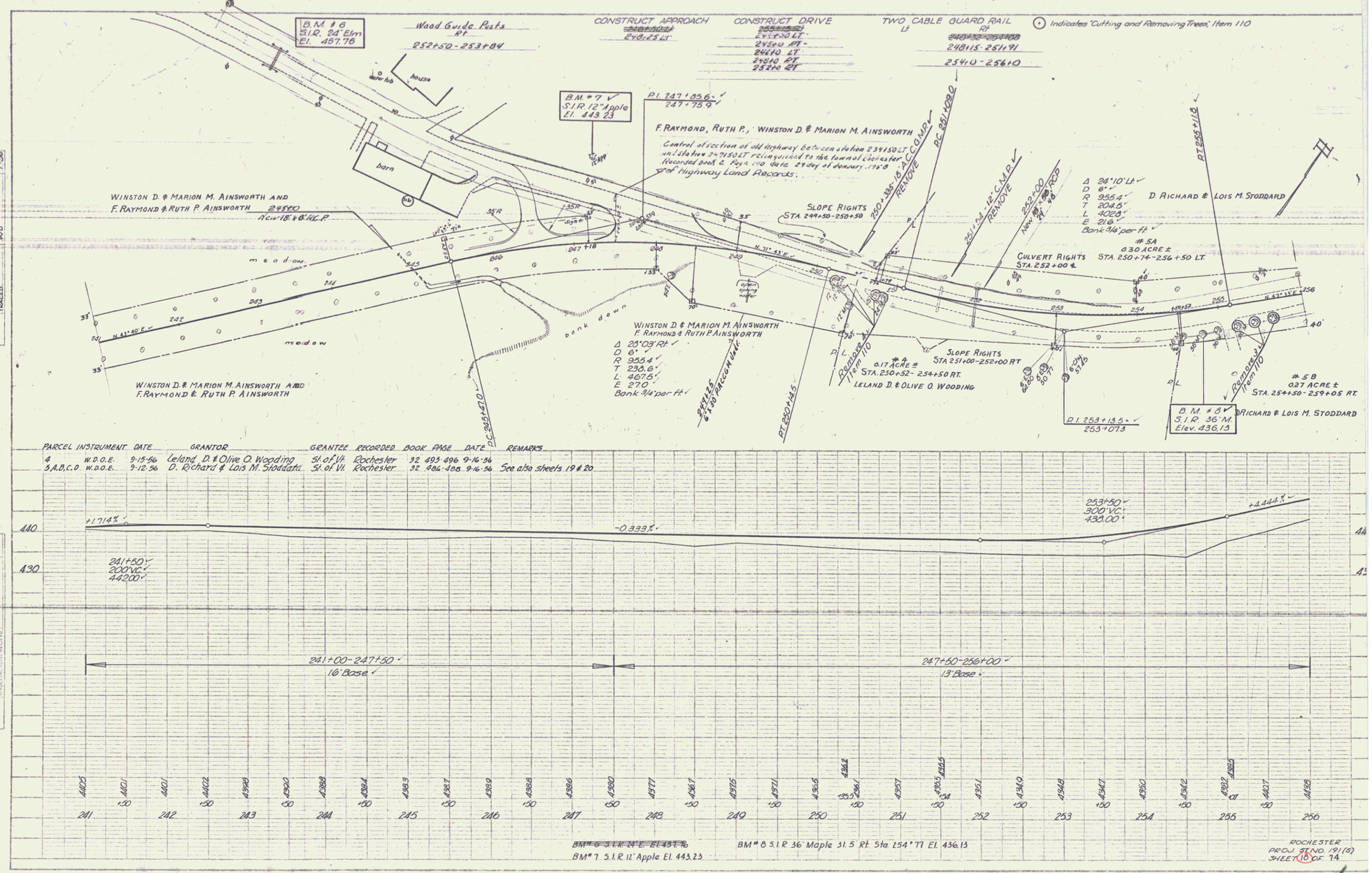
3


Construct Drive
Sta. LT. RT.
229+0 RT.
235+90 - LT
236+90 - RT
Wood Guide Posts
RT
237+50 - 239+40
TWO CABLE GUARD RAIL
LT
228+48 - 229+87
230+70 - 231+10
Rt
229+54 - 229+87
230+70 - 231+10
Indicates "Cutting and Removing Trees," Item 110
Plank Guard Rail
LT
240+0±
NOTE: Sta. 234+00± - 240+00± Lt
The present road is to be covered with topsoil to a depth of six (6) inches, from stockpiled topsoil, obtained between sta. 234+00± - 249+00±.
Control of section of old highway between station 234+50 LT + Station 247+50 LT relinquished to Town of Rochester. Recorded book 2 page 140 date 29 day of January 1953 in Highway Land Records
B.M. #5
S.I.R. 24"E.
Elev. 430.19
POST 231+50.0
P.I. 233+50.0
233+47.0
ROBERT A. & HELEN J. LYON
PC 227+31.4
Δ 35°52' Lt
D 14°
R 410.3
T 132.4
L 250.2
E 20.9
Bank ¾ per ft
Remove Item 110
#2F
STA. 228+60 - 229+87 Lt
CULVERT RIGHTS
STA. 228+50 ±
WINSTON D. & MARION M. AINSWORTH AND F. RAYMOND & RUTH P. AINSWORTH
#3B
0.06 ACRE ±
STA. 229+876 - 233+16 LT
PT 229+87.6
New 18" x 40' ACCGMP
Q.C.D. From TOWN OF ROCHESTER AND WINSTON D. AINSWORTH ET.
#3A
0.09 ACRE ±
STA. 229+13 - 229+90 RT.
brush
Δ 15°19' Rt
D 3°
R 191.01
T 25.66
L 51.06
E 1.72
Bank ¾ per ft
PC 230+93.2
P.I. 228+63.8
228+58.2
229+86.7
STOP PROJECT
NOT INCLUDED IN PROJECT
230+69.6
RESUME PROJECT
CULVERT RIGHTS
STA. 236+50 ±
meadow
SLOPE RIGHTS
STA. 238+00 - 239+00 LT
237+70
New 24" x 60' ACCGMP
NOTE: All topsoil excavated between sta. 234+00± and sta. 249+00± is to be stockpiled. Topsoil not needed on present road between sta. 234+00± Lt and sta. 240+00± Lt, is to disposed of directed by the engineer.
#3C
2.5 ACRE ±
STA. 229+90 - 250+52 ±
SLOPE RIGHTS
STA. 237+50 - 239+50 RT.
WINSTON D. & MARION M. AINSWORTH AND F. RAYMOND & RUTH P. AINSWORTH
PT 236+38.6
WOODING
brush
227+00
300' VC
437.00
-0.93%
-0.933%
+1.714%
234+50
300' VC
430.00
227+00 - 228+00
228+00 - 229+86.7
22' Base
16' Base
230+69.6 - 235+00
16' Base
235+00 - 236+50
13' Base
236+50 - 241+00
16' Base
BM #5 S.I.R. 24" E. 16' Lt. Sta. 231+49 El. 430.19
PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED BOOK PAGE DATE REMARKS
3A } See remarks Q.C.D. 9-12-56 Winston D. & Marion M. Ainsworth & F. Raymond & Ruth P. Ainsworth St. of Vt. Rochester 32 474 9-16-56
9A Q.C.D. 9-12-56 Town of Rochester - Wallace H. Wing, Town Agent St. of Vt. Rochester 32 494-495 9-16-56 } Two deeds covering same parcel for clear title
3B,C W.D.O.E. 9-12-56 Winston D. & Marion M. Ainsworth & F. Raymond & Ruth P. Ainsworth St. of Vt. Rochester 32 475-477 9-16-56 See also sheet 18
9D W.D.O.E. 11-16-56 Winston D. & Marion M. Ainsworth & F. Raymond & Ruth P. Ainsworth St. of Vt. Rochester 32 491-492 11-22-56 See also sheet 18 - Culvert Rights
ROCHESTER
PROJ. STEAD 191(5)
SHEET 17 OF 74
4

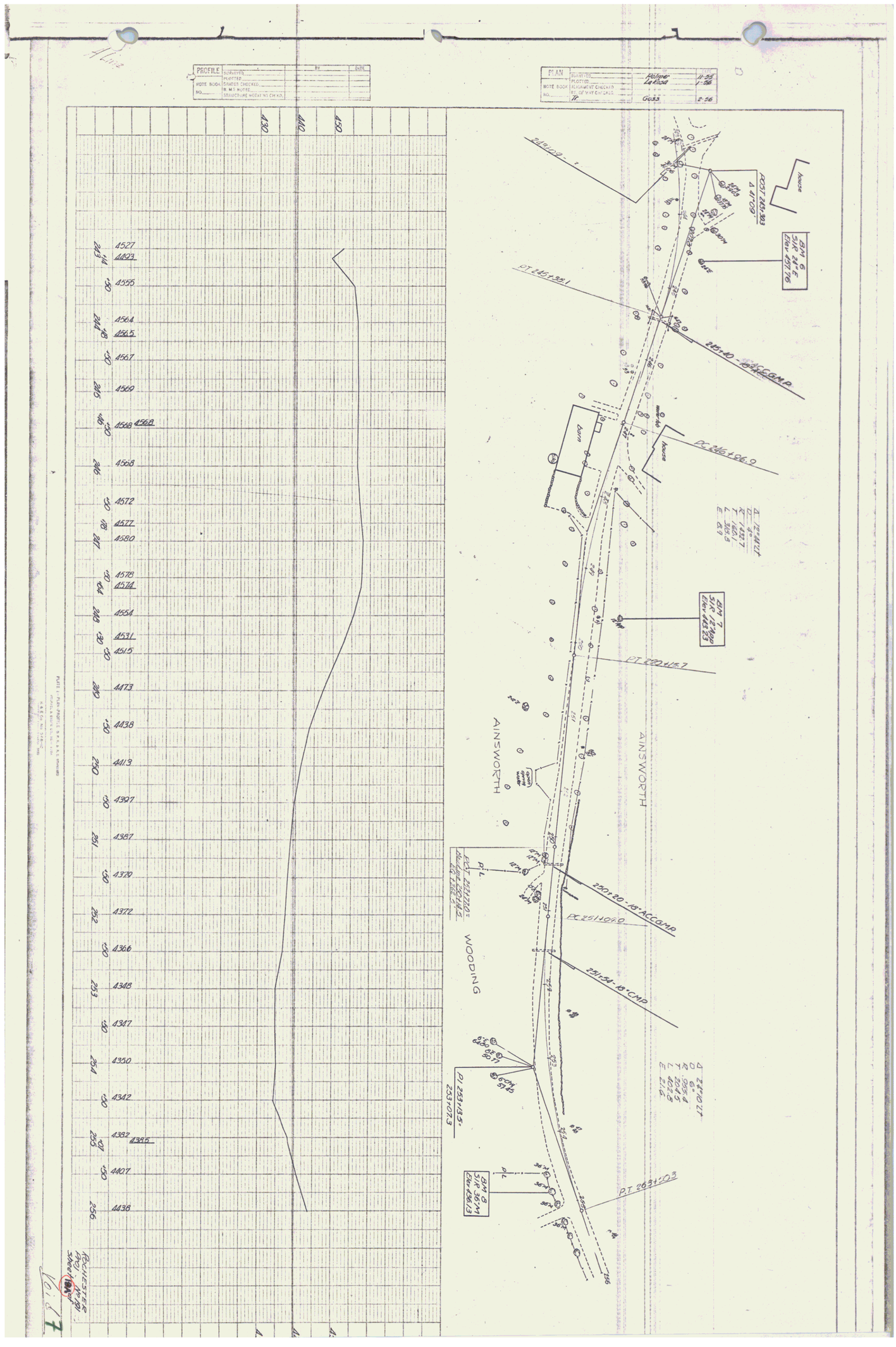


ROCHESTER
PROJ. S NR 171(3)
Sheet 7A

PLATE 1 - PLAN - PROFILE O.F.W.A.N.Y. STANDARD



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
4	W.D.O.E.	9-15-56	Leland D. & Olive O. Wooding	St. of Vt.	Rochester	32	495-496	9-16-56	
5.A.B.C.D	W.D.O.E.	9-12-56	D. Richard & Lois M. Stoddard	St. of Vt.	Rochester	32	486-488	9-16-56	See also sheets 19 & 20


PROFILE
PLAN
AINSWORTH
WOODING
PT 245+32.1
245+00 - 18" CCCMP
PC 246+86.9
PT 250+15.7
230+20 - 18" ACCCMP
PC 251+09.0
251+54 - 18" CMP
PT 253+03
BM 6
BM 7
BM 8
House
Barn

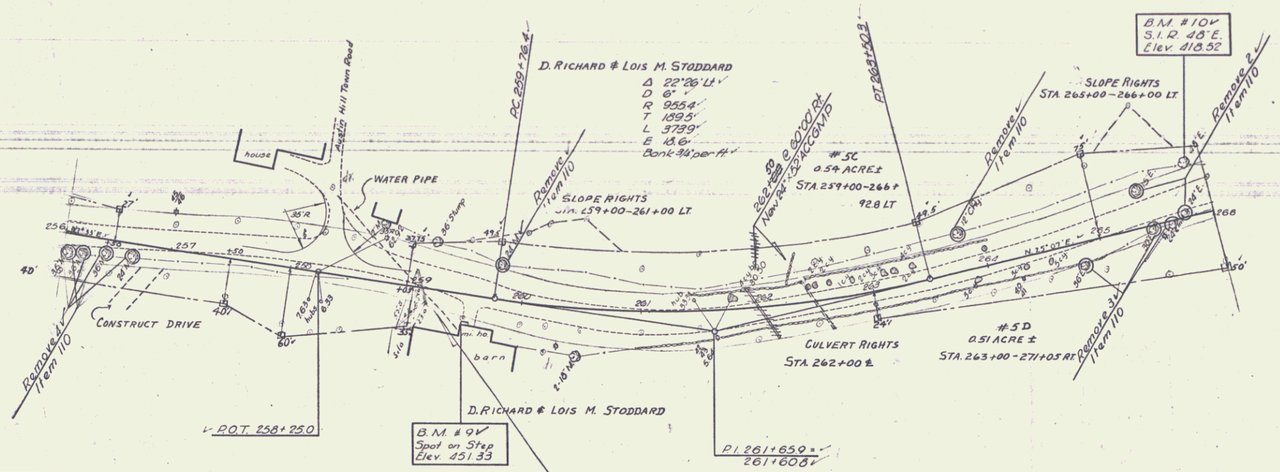
TWO CABLE GUARD RAIL
Lt. 265+32-266+00 ~~265+32-266+00~~
Rt. 26510 - 266100

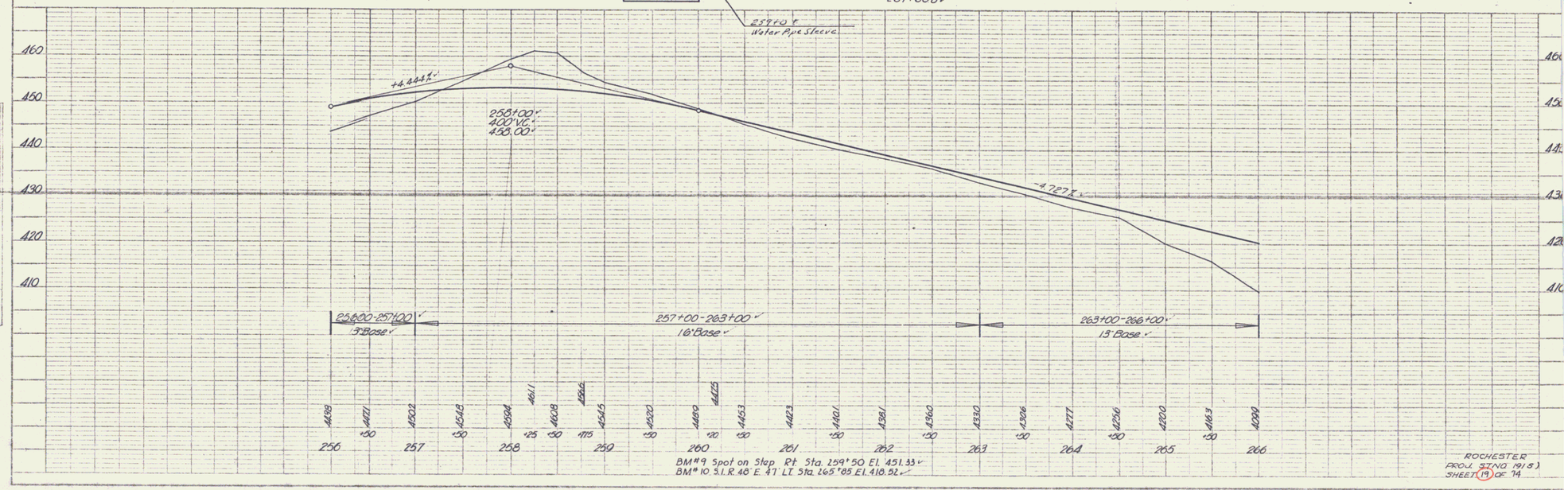
Wood Guide Posts
Lt. 265+80 - 26610

CONSTRUCT APPROACH
Lt. 258 + 25
Rt.

CONSTRUCT DRIVES
Lt.
Rt. 259+00, 260+20, 261+30, 262+10

⊕ Indicates "Cutting and Removing Trees", Item 110





PLAN
Drawn Dalman
Checked Lakosa
Note Book
Checked W.J.
Traced

PROFILE
Drawn
Checked
Note Book
Checked
Traced

ROCHESTER
PROJ. STNO 1915
SHEET 19 OF 74

PLATE 1 - PLAN-PROFILE

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL
Lt. 271+45 - 271+70
Rt. 271+47 - 271+74

⊙ Indicates "Cutting and Removing Trees", Item 110

CONSTRUCT DRIVE
Lt. 277+58
Rt.

TWO CABLE GUARD RAIL
Lt. 271+50 - 271+90
Rt. 266+10 - 270+10

Wood Guide Posts
Lt.
266+0 - 268+36

POST 269+27.0
Δ 19°23'

P.I. 271+24.7
270+99.77

POST 273+67.8
Δ 14°10'

~~BM = 1.1~~
~~S.I.R. 24 M~~
~~Elev. 417.83~~

273+0 - 275+96
6" x 372' PA CCGM Undr

D. RICHARD & LOIS M. STODDARD

JOSEPH O. & MADELEINE W. MACMASTER

#6A
0.11 ACRE ±
STA. 271+19 - 276+00 Lt.

#6B
0.57 ACRE ±
STA. 271+00 - 280+50 Rt.

JOSEPH O. & MADELEINE W. MAC MASTER

D. RICHARD & LOIS M. STODDARD

Δ 33°33' Rt.
D 4°
R 1432.7'
T 431.9'
L 838.8'
E 63.8'
Bank ¾ per ft.

RUNNING SPRING IN PRESENT SLOPE
APPROXIMATE STA 260+50 RT.

Culvert Rights
Sta. 277+47 ±
Meadow

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
G.A.B.C	W.D.O.E.	9-15-56	Joseph O. & Madeleine W. MacMaster	Sl. of Vt.	Rochester	32	500-501	9-18-56	See also sheets 21 & 22
7	Corp. deed	9-12-56	Rochester Electric Light & Power Co.	Sl. of Vt.	Rochester	32	477-478	9-16-56	See sheet 21 - Slope & Culvert Rights

420
410
-4.727%
+1.429%
-2.357%
269+00
300' V.C.
406.00
276+00
300' V.C.
416.00

266+00 - 274+00
15' Base

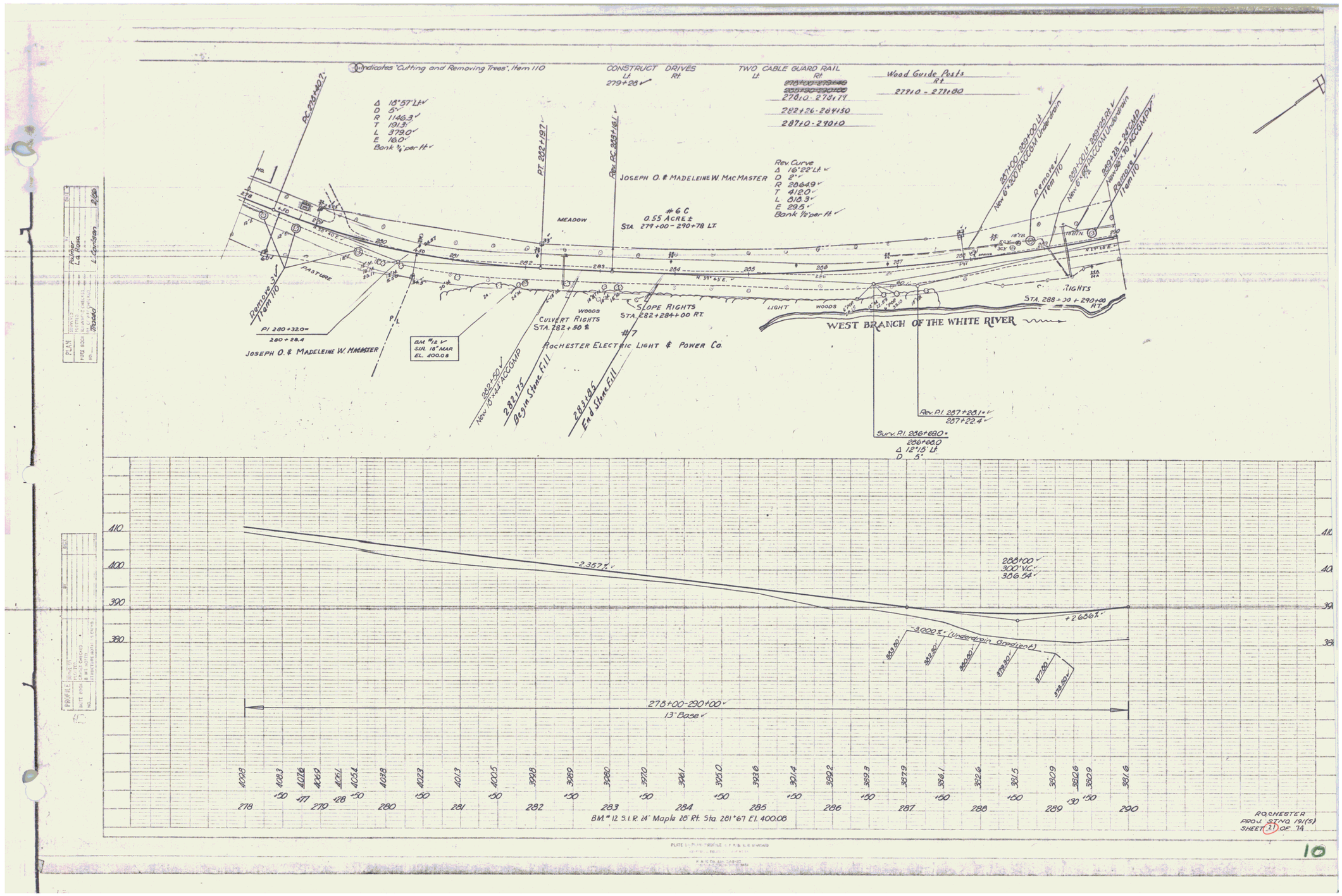
274+00 - 278+00
16' Base

266 267 268 269 270 271 272 273 274 275 276 277 278

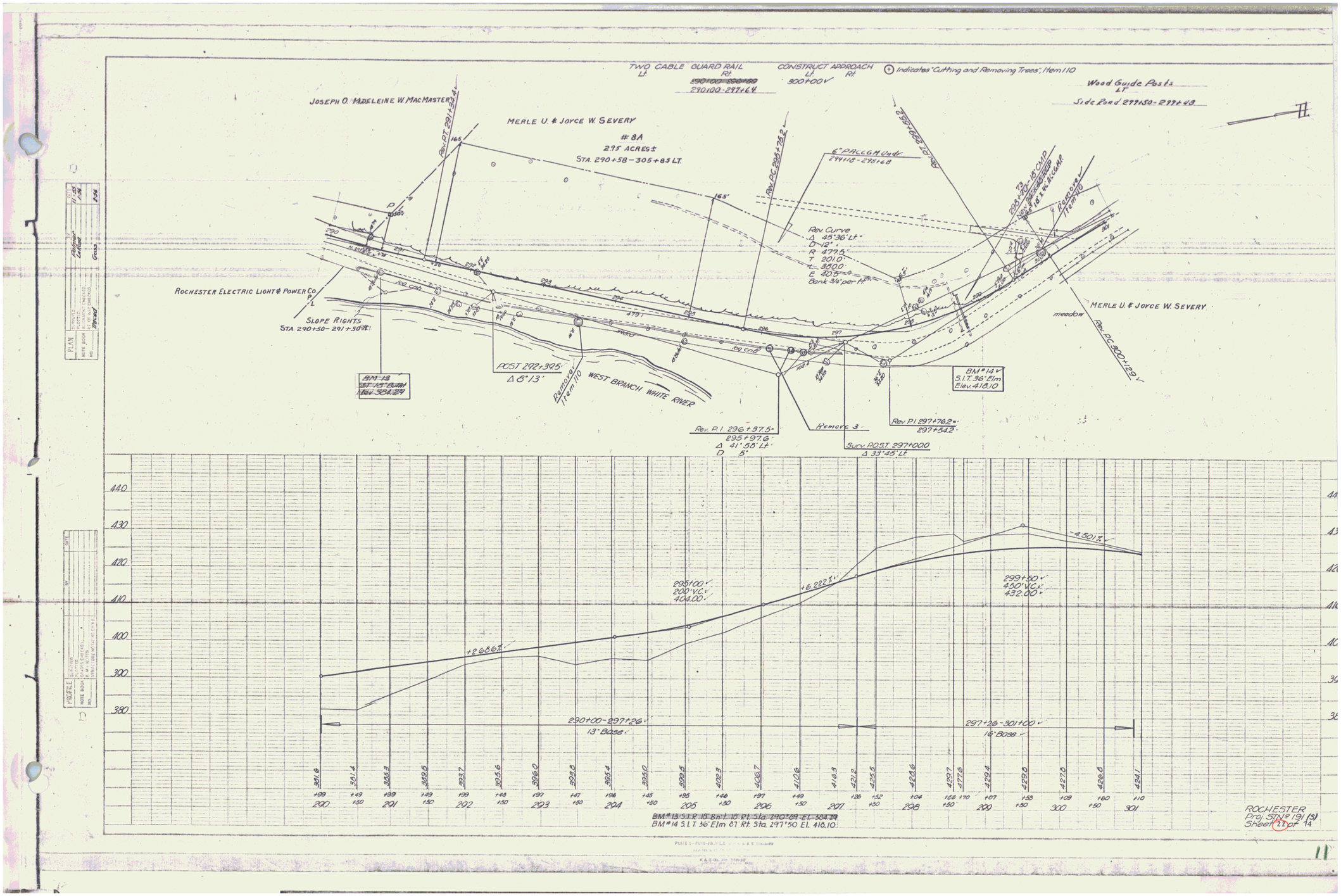
~~BM = 1.1 S.I.R. 24 M 20.9 Lt. 5 Rt. 273+66 El. 417.83~~

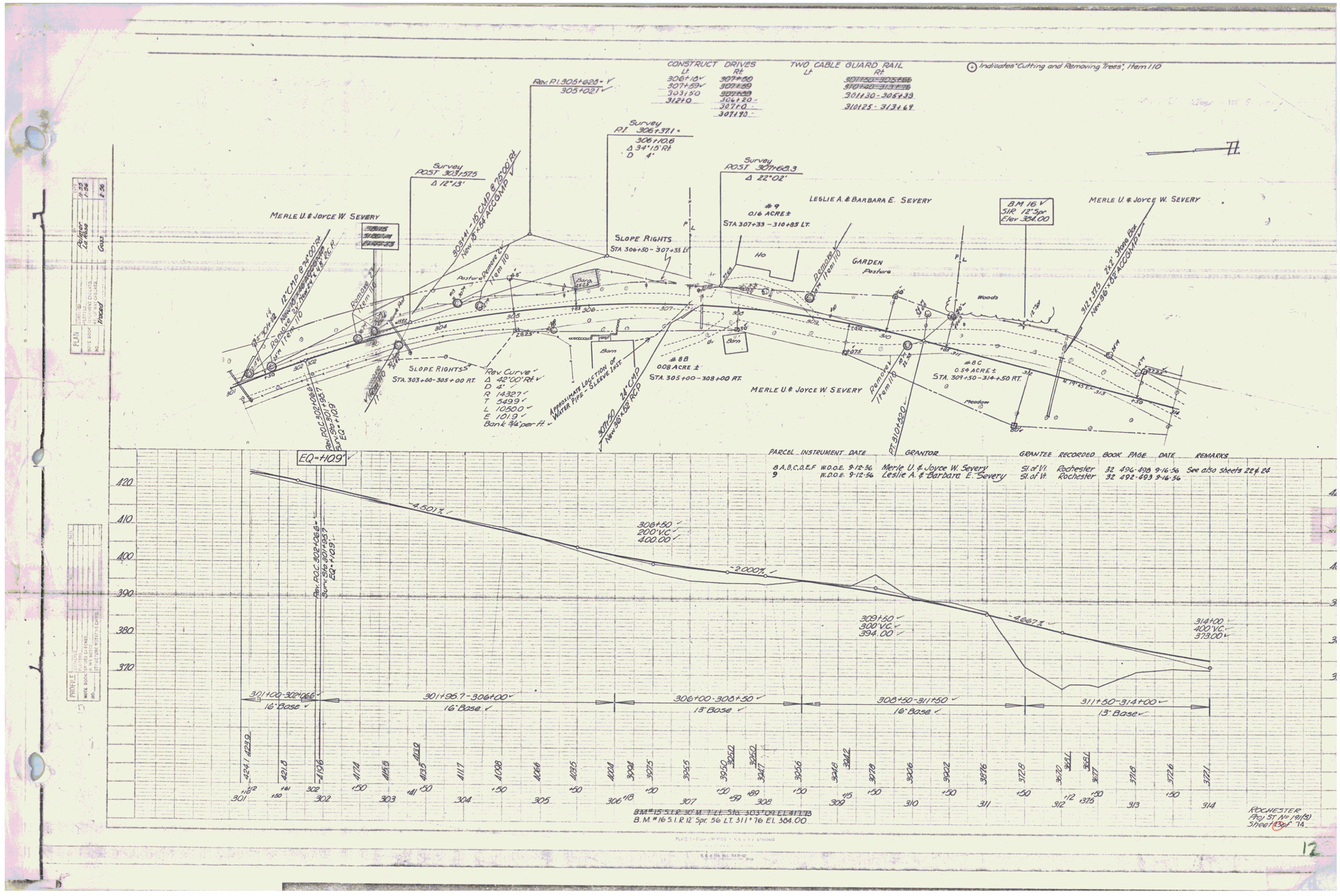
ROCHESTER
PROJ. ST. NO. 191(3)
SHEET 20 OF 74

9

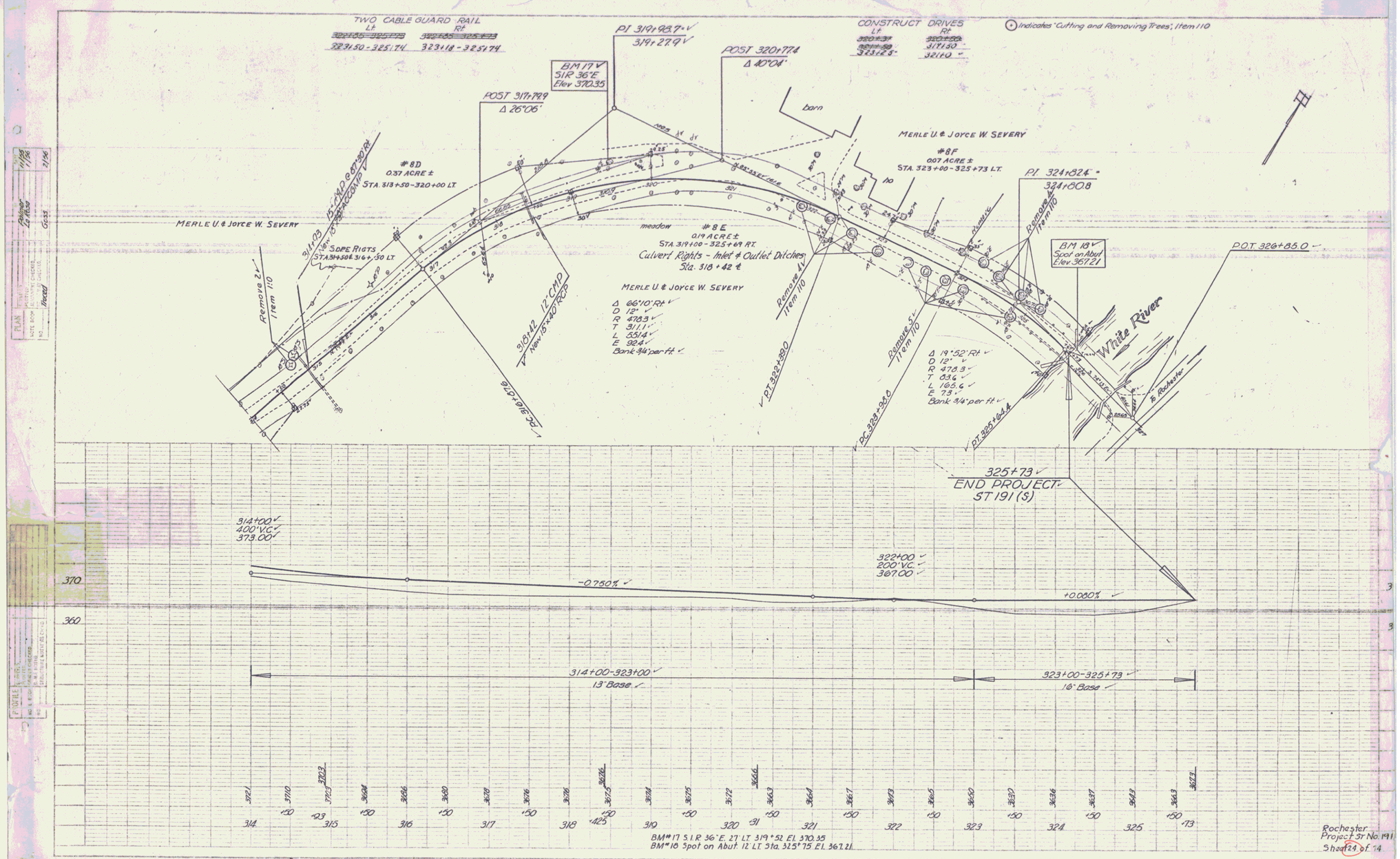

Indicates "Cutting and Removing Trees", Item 110
CONSTRUCT DRIVES
Lt 279+28
Rt
TWO CABLE GUARD RAIL
Lt Rt
278+10-278+79
282+26-284+50
287+10-290+10
Wood Guide Posts
Rt
279+10 - 279+80
Δ 18°57' Lt
D 5°
R 1146.3'
T 191.3'
L 379.0'
E 16.0'
Bank 3/4" per ft
PC 278+42.7
PT 282+19.7
Rev. PC 283+18.1
JOSEPH O. & MADELEINE W. MACMASTER
Rev. Curve
Δ 16°22' Lt
D 2°
R 286.49'
T 41.20'
L 81.93'
E 2.95'
Bank 1/8" per ft
#6 C
0.55 ACRE ±
STA. 279+00 - 290+78 LT.
MEADOW
PASTURE
Remove Item 110
PI 280+32.0=
280+28.4
JOSEPH O. & MADELEINE W. MACMASTER
BM #12
SUR. 18" MAR
EL. 400.08
CULVERT RIGHTS
STA. 282+50 ±
WOODS
SLOPE RIGHTS
STA. 282+284+00 RT.
#7
ROCHESTER ELECTRIC LIGHT & POWER Co.
282+50
New 18"x44' ACCOMP
282+75
Begin Stone Fill
283+85
End Stone Fill
LIGHT
WOODS
287+00-289+00 Lt
New 6"x200' PACCOM Underdrain
Remove Item 110
289+00 Lt-289+05 Rt
New 6" PACCOM Underdrain
289+28 - 289+48
New 36"x70' ACCOMPX
Remove Item 110
STA. 288+00 + 290+00 RT.
WEST BRANCH OF THE WHITE RIVER
Rev. PI 287+28.1=
287+22.4
Surv. PI 286+68.0=
286+68.0
Δ 12°15' Lt
D 5°
-2.357%
288+00
300' VC
306.54'
+2.666%
-3.000% (Underdrain Gradient)
278+00-290+00
13' Base
BM #12 S.I.R. 24" Maple 28' Rt. Sta. 281+67 El. 400.08
ROCHESTER
PROJ. STNQ 19(5)
SHEET 21 OF 74

10


TWO CABLE GUARD RAIL
Lt. Rt.
290+00-297+64
CONSTRUCT APPROACH
Lt. Rt.
300+00
Indicates "Cutting and Removing Trees", Item 110
Wood Guide Posts
LT
Side Road 297+50-297+48
JOSEPH O. MADELEINE W. MACMASTER
MERLE U. & JOYCE W. SEVERY
#8A
29.5 ACRES±
STA. 290+58-305+83 LT.
Rev. PT. 291+32.4
Rev. PC. 295+75.2
6" PACCGM Undr.
294+18-298+68
Rev. Curve
Δ 45°36' Lt.
D 12°
R 477.5'
T 201.0'
L 380.0'
E 40.5'
Bank 3/4 per ft.
Remove Item 110
ROCHESTER ELECTRIC LIGHT & POWER CO.
P.L.
SLOPE RIGHTS
STA. 290+50-291+50 Rt.
MERLE U. & JOYCE W. SEVERY
meadow
Rev. PC. 300+12.9
POST 292+39.5
Δ 8°13'
Remove Item 110
WEST BRANCH WHITE RIVER
BM #13
BM #14
S.I.T. 36" Elm
Elev. 418.10
Rev. P.I. 296+37.5
295+97.6
Δ 41°58' Lt.
D 5°
Remove 3
Surv. POST 297+00.0
Δ 33°45' Lt.
Rev. P.I. 297+76.2
297+54.2
-4.501%
295+00
200' V.C.
404.00
+6.222%
299+50
450' V.C.
432.00
+2.686%
290+00-297+26
13' Base
297+26-301+00
16' Base
BM #13 S.I.R. 10 Bnl. 10 Rt. Sta. 290+89 El. 384.29
BM #14 S.I.T. 36" Elm 67 Rt. Sta. 297+50 El. 418.10
ROCHESTER
Proj. STN. 191 (S)
Sheet 11 of 14
11



PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	PAGE	DATE	REMARKS
8 A, B, C, D, E, F	W.D.O.E.	9-12-56	Merle U. & Joyce W. Severy	St. of Vt.	Rochester	32	496-498 9-16-56	See also Sheets 22 & 24
9	W.D.O.E.	9-12-56	Leslie A. & Barbara E. Severy	St. of Vt.	Rochester	32	492-493 9-16-56	


TWO CABLE GUARD RAIL
Lt. 323+50 - 325+74
Rt. 323+18 - 325+74
PI 319+98.7
319+27.9
BM 17
S1R 36'E
Elev 370.35
POST 317+79.9
Δ 26°06'
POST 320+77.4
Δ 40°04'
CONSTRUCT DRIVES
Lt. 320+37 323+68
Rt. 320+62 317+30 321+10
Indicates "Cutting and Removing Trees", Item 110
barn
MERLE U. & Joyce W. SEVERY
#8D
0.37 ACRE ±
STA. 313+50 - 320+00 LT.
#8F
0.07 ACRE ±
STA. 323+00 - 325+73 LT.
PI 324+82.4
324+80.8
MERLE U. & Joyce W. SEVERY
meadow
#8E
0.19 ACRE ±
STA. 319+00 - 325+69 RT.
Culvert Rights - Inlet & Outlet Ditches
Sta. 318+42 ℄
MERLE U. & Joyce W. SEVERY
Δ 66°10' Rt.
D 12°
R 478.3
T 311.1
L 551.4
E 92.4
Bank 3/4" per ft.
Δ 19°52' Rt.
D 12°
R 478.3
T 83.6
L 165.6
E 7.3
Bank 3/4" per ft.
Remove 2
Item 110
Remove 4
Item 110
Remove 5
Item 110
Remove 4
Item 110
SIGN RIGTS
STA. 314+50 & 316+50 LT.
313+03 15" CMP New 15'+40' RCCOMP
316+42 12" CMP New 15'+40' RCP
P.C. 316+67.6
P.T. 322+39.0
P.C. 323+98.0
P.T. 325+64.4
BM 18
Spot on Abut
Elev 367.21
P.O.T. 326+85.0
White River
To Rochester
325+73
END PROJECT
ST 191 (S)
314+00
400' V.C.
373.00
322+00
200' V.C.
367.00
-0.750%
+0.080%
370
360
314+00-323+00
13' Base
323+00-325+73
16' Base
314
315
316
317
318
319
320
321
322
323
324
325
BM#17 S.I.R. 36' E. 27' LT. 319+52 El. 370.35
BM#18 Spot on Abut. 12' LT. Sta. 325+75 El. 367.21
Rochester
Project ST No. 191
Sheet 24 of 14
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