Bundle #1 M

MISC. Plotted Surveys

M Original Sheets

Alburg 152D Rutland Railroad over TH#34

Brandon T-12/1958 TH#15, B23 over Neshobe River

Bridgewater ST28-L US#4 just east of W. Bridgewater

Cambridge TH#31, B30 over Brewster River

Castleton T-6/1957 TH#12, B37 over Castleton River

Hyde Park SA#2, B8 over St. J & L.C. R.R.

Lowell TA/1955 TH#15, B44 over Burgess Branch

Manchester SA39/1952 TH#6, B6 over Lye Brook

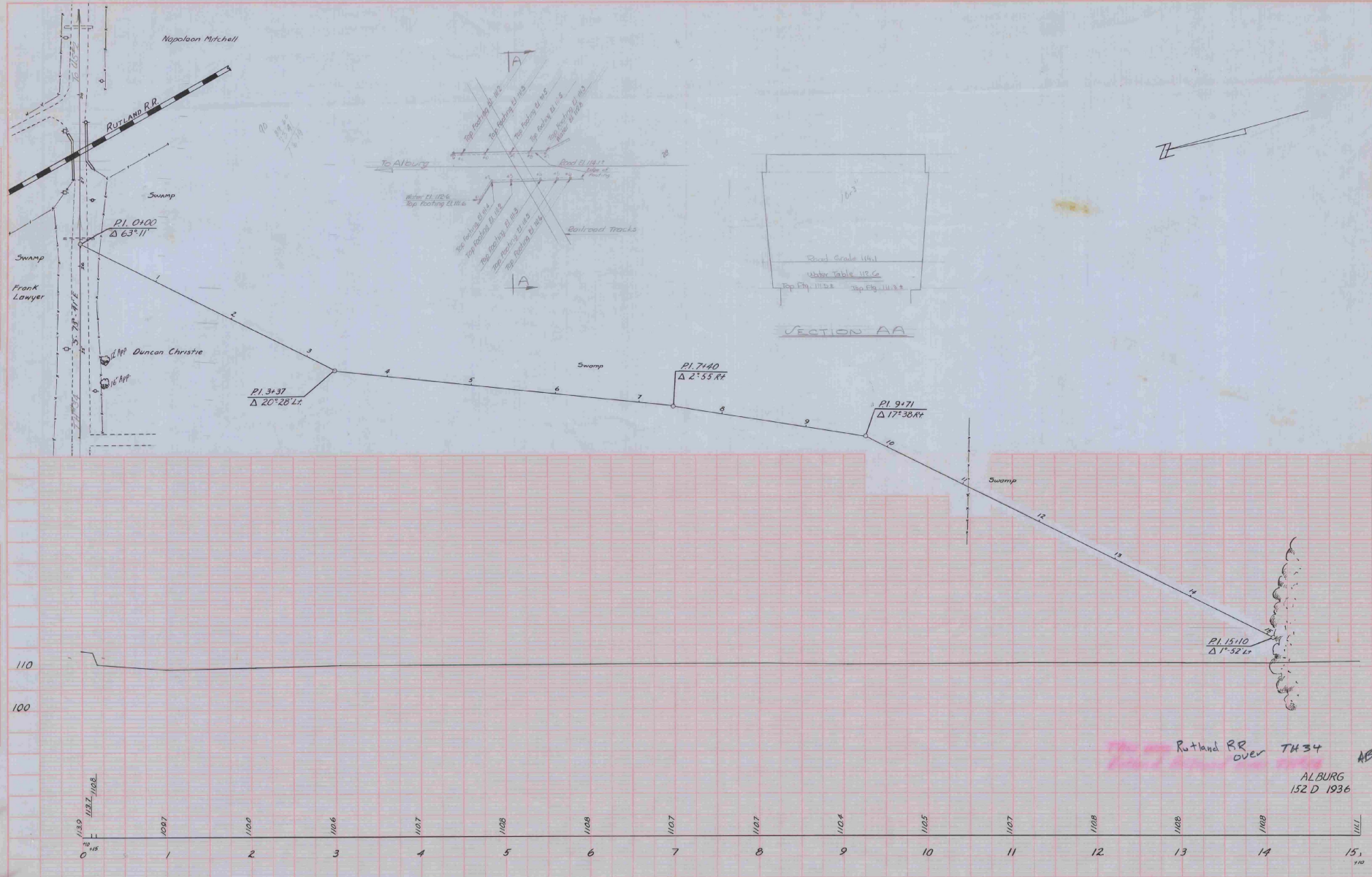
Middlebury TA/1951 TH#31, B over Otter Creek

Middletown Springs TI/1959 TH#20, B20 over Poultney River

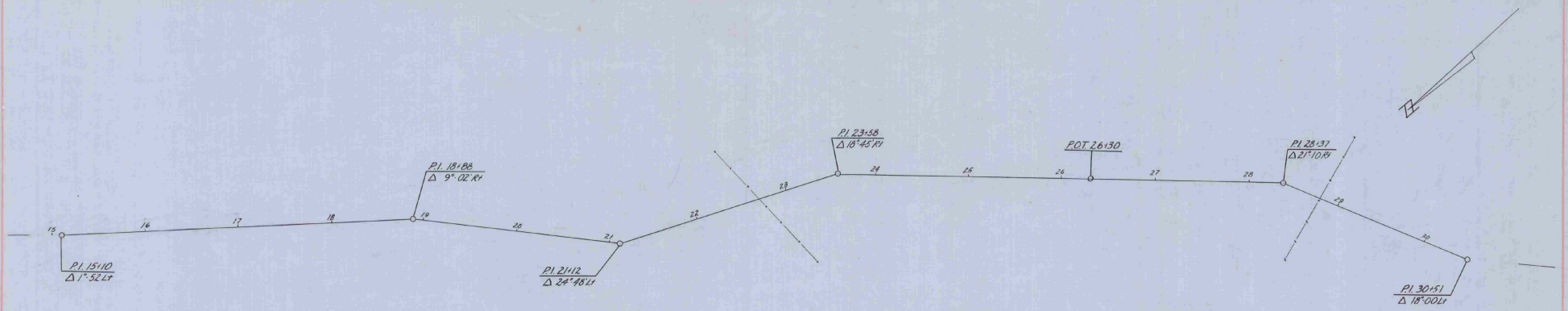
Mount Holly S0143(1)SA SA#1, B75 over Star Lake Outlet

Pawlet ST15-IL VH#30, B73 over Flower Brook

Jan. 72
MCC
Bridge



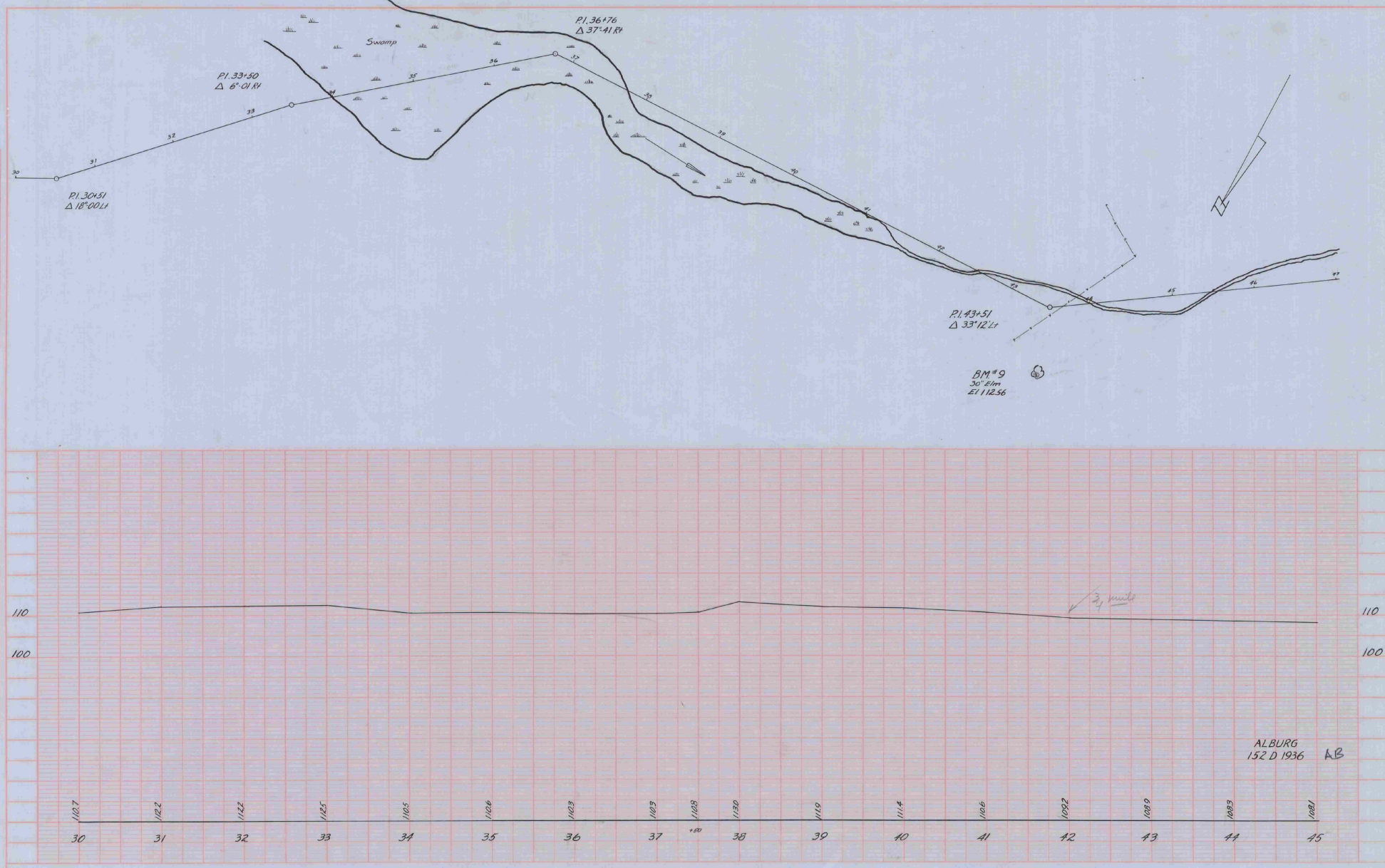
Napoleon Mitchell
RUTLAND R.R.
Swamp
P.I. 0+00
Δ 63°-11'
Swamp
Frank Lawyer
S. 73°-41' E
12" App
Duncan Christie
16" App
P.I. 3+37
Δ 20°-28' Lt.
Swamp
P.I. 7+40
Δ 2°-55 Rt.
P.I. 9+71
Δ 17°-38 Rt.
Swamp
P.I. 15+10
Δ 1°-52' Lt.
To Alburg
Road El. 114.1
Railroad Tracks
Road Grade 114.1
Water Table 112.6
SECTION AA
110
100
Rutland RR over TH 34
AB
ALBURG
152 D 1936





ALBURG
152 D 1936

AB



P.I. 36+76
Δ 37°41 Rt
Swamp
P.I. 33+50
Δ 6°01 Rt
P.I. 30+51
Δ 18°00 Lt
P.I. 43+51
Δ 33°12' Lt
BM #9
30" Elm
El. 112.56
110
100
3/4 mile
ALBURG
152 D 1936
AB
110.7
112.2
112.2
112.5
110.5
110.6
110.3
110.3
110.8
113.0
111.9
111.4
110.6
109.2
108.9
108.3
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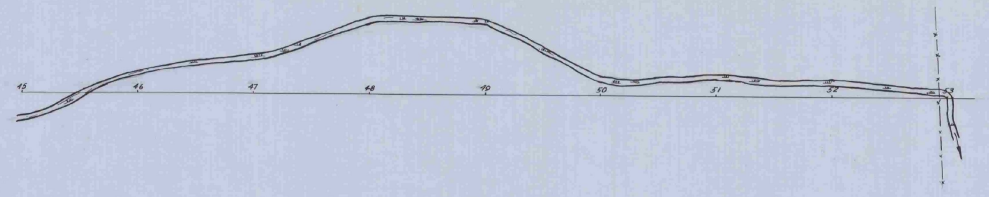
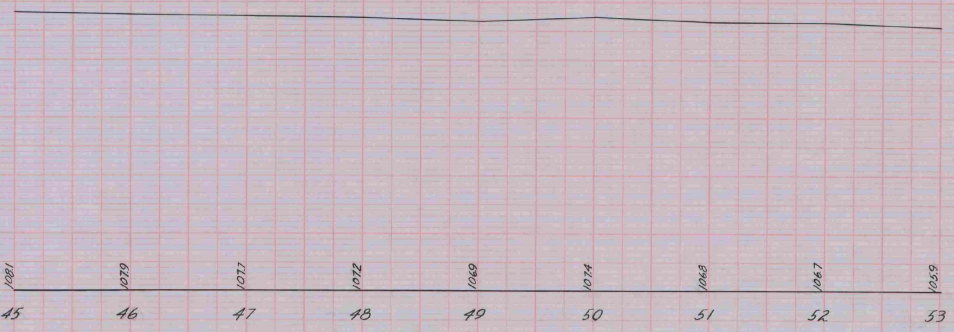
40
41
42
43
44
45



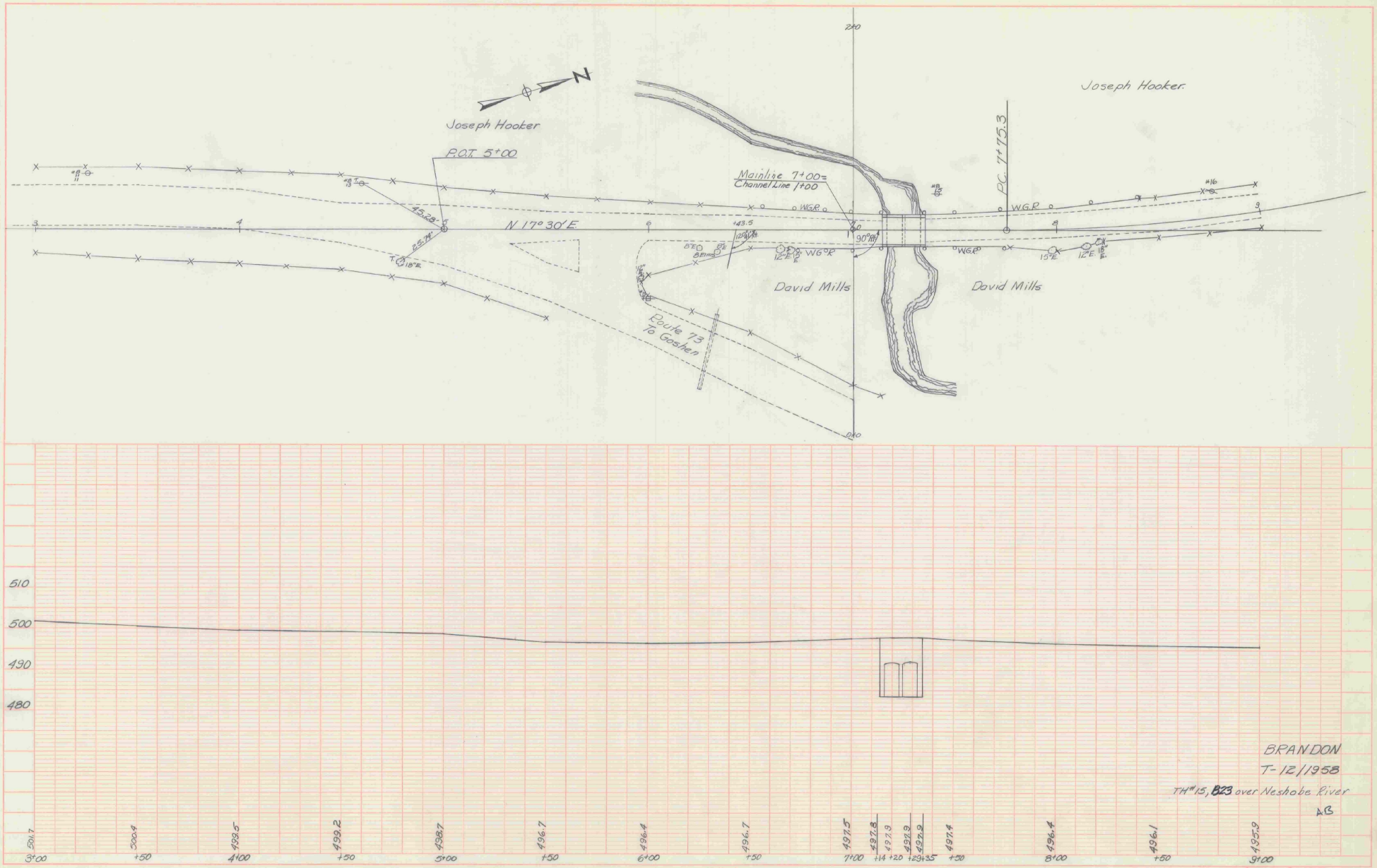




110
100

ALBURG
152 D 1936

AB

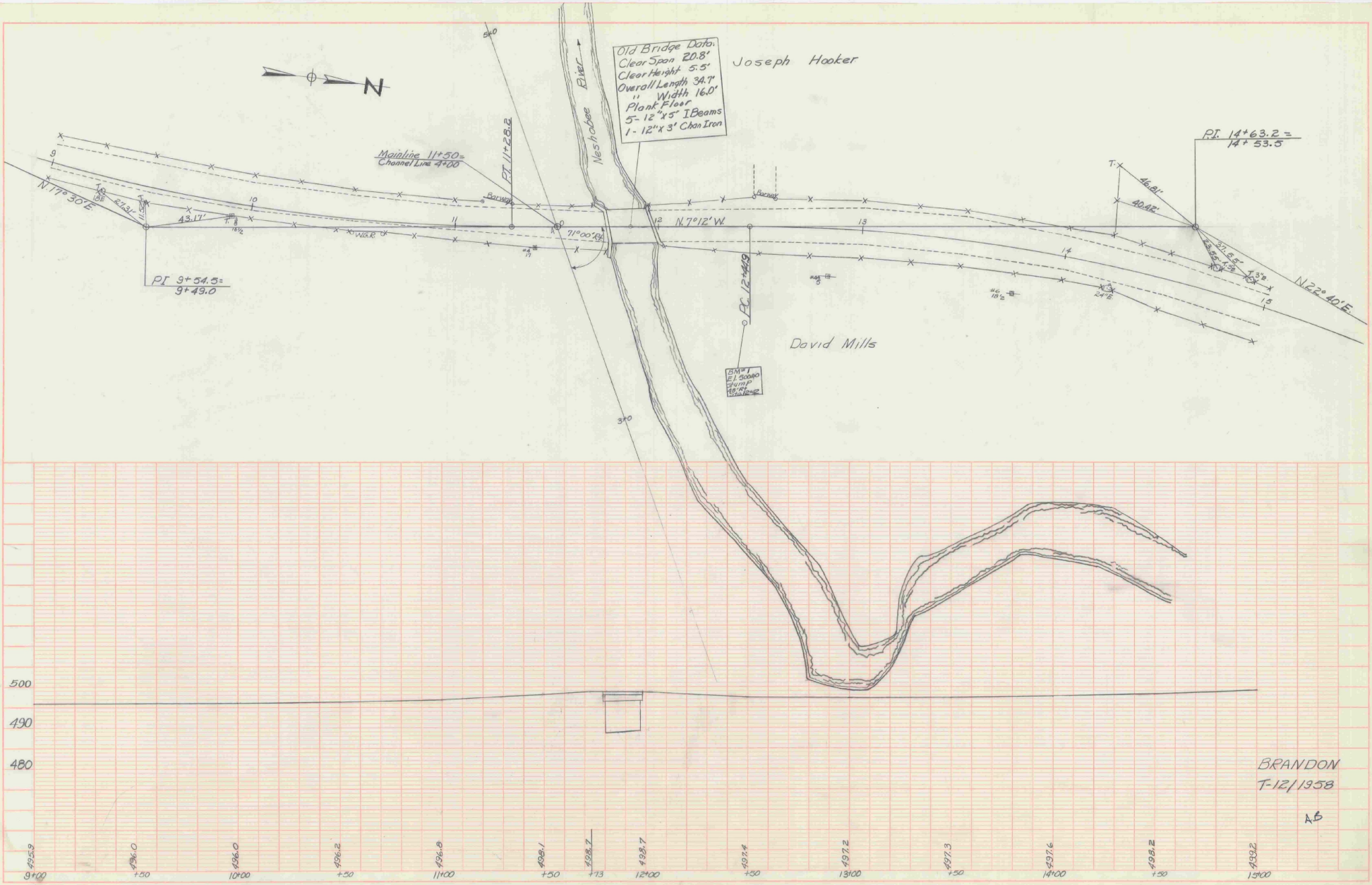


BRANDON
T-12/1958
TH#15, B23 over Neshobe River
AB

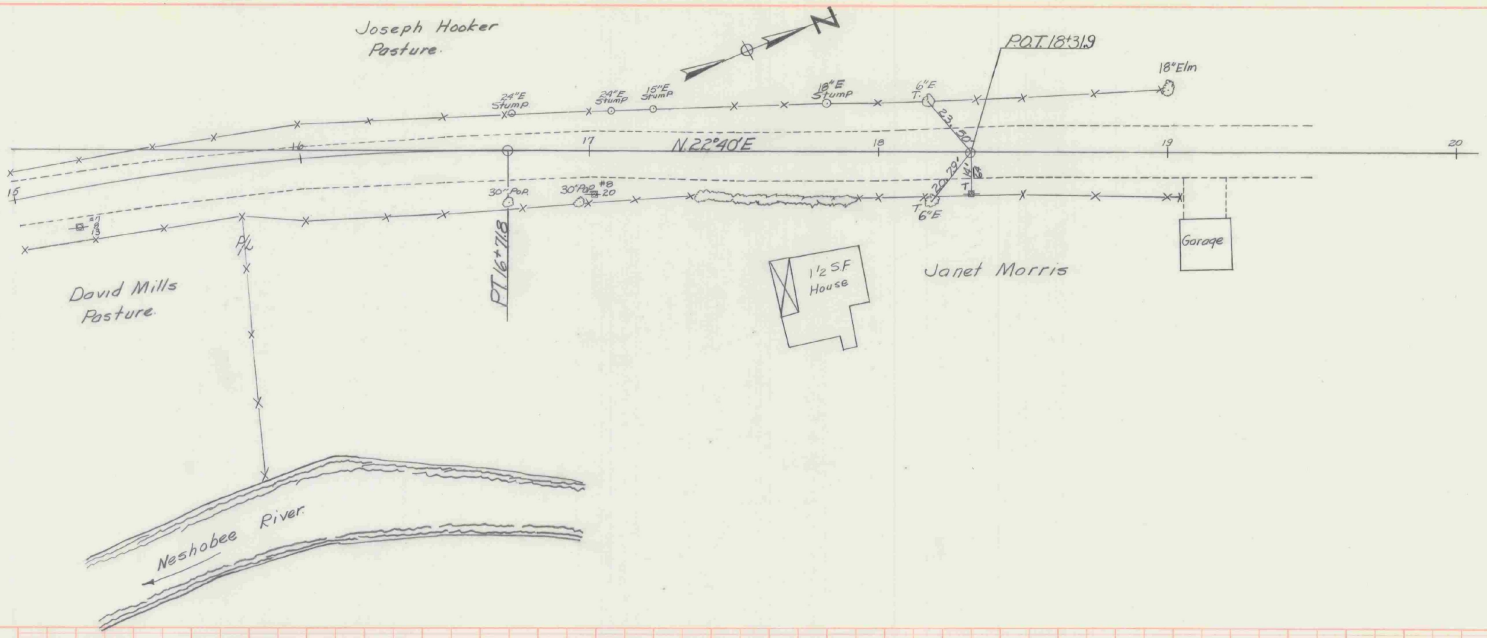
Hollio Hopkins 11/59 2/59

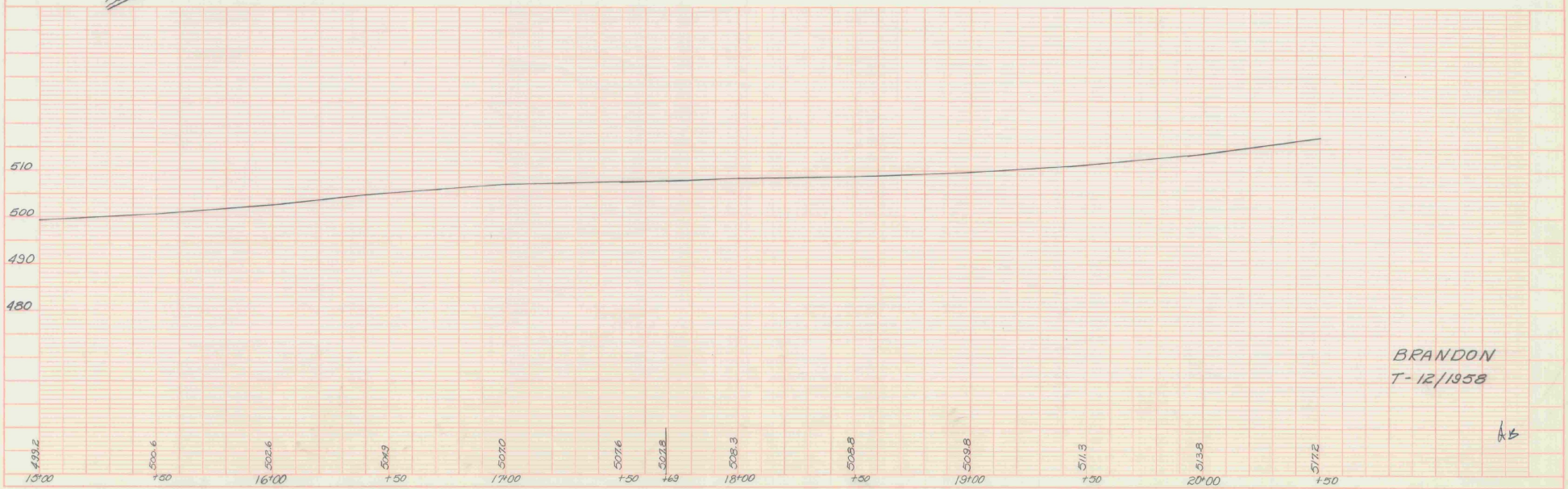
Hollio Hopkins 11/59 2/59

Hollio Survey, Layout, Profile & Sect. 1959



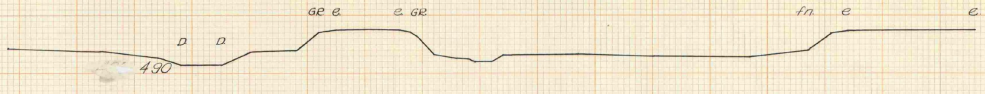
N
Old Bridge Data:
Clear Span 20.8'
Clear Height 5.5'
Overall Length 34.7'
" Width 16.0'
Plank Floor
5- 12"x5" I Beams
1- 12"x3" Chan Iron
Joseph Hooker
Neshobee River
Mainline 11+50=
Channel Line 4+00
P.I. 11+28.2
P.I. 14+63.2 =
14+53.5
N.17°30'E.
N.7°12'W.
N.22°40'E.
43.17'
46.81'
40.42'
71°00'Rt.
P.C. 12+44.9
P.I. 9+54.5=
9+49.0
David Mills
BM#1
El. 500.40
Stump
500
490
480
495.9
496.0
496.0
496.2
496.8
498.1
498.7
498.7
497.4
497.2
497.3
497.6
498.2
499.2
9+00
+50
10+00
+50
11+00
+50
+73
12+00
+50
13+00
+50
14+00
+50
15+00
BRANDON
T-12/1958
AB



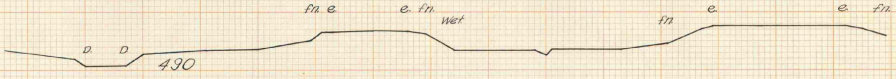


BRANDON
T-12/1958

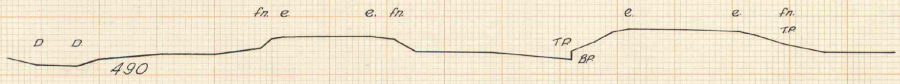
AB



7+00



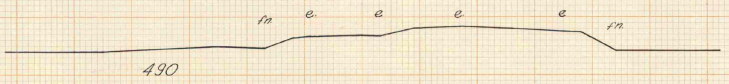
6+50



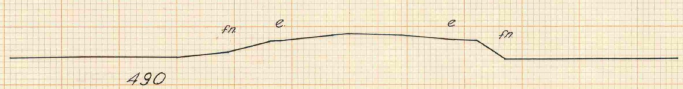
6+43.5
15° ACC GMP Askew 120° 41'



6+00



5+50



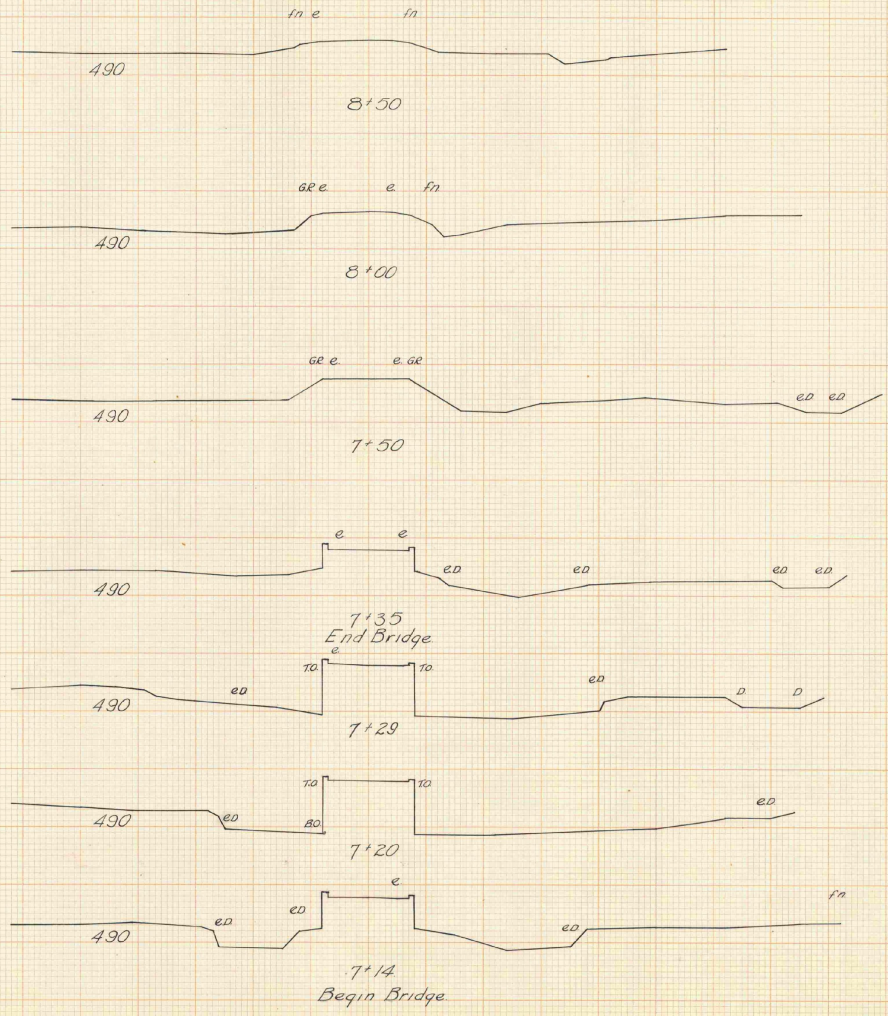
5+00

BRANDON
Town Road #15

LEVELS BY Hollis 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY W.H.H.
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____ DATE 12/1958 FILED
SHEET _____ OF _____

AS

Scale 1" = 10'

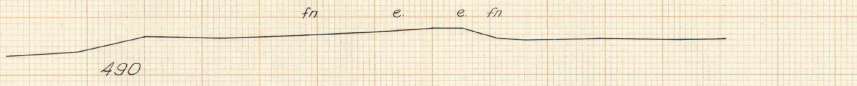


BRANDON
Town Road #15

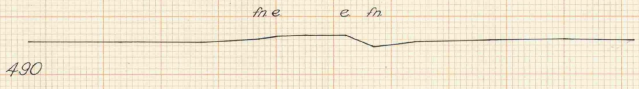
LEVELS BY Kallio 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY JJ/GH
PLANIMETERED BY CKD. BY
EXAMINED BY T NO 12/1958 FILED
SHEET OF

AB

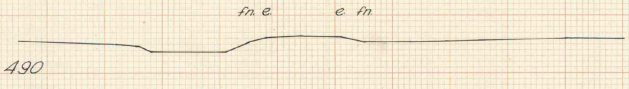
Scale 1" = 10'



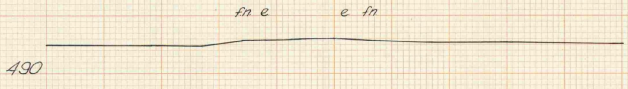
11+50



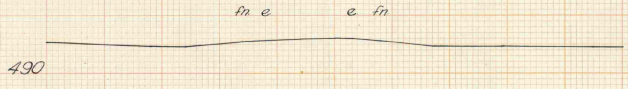
11+00



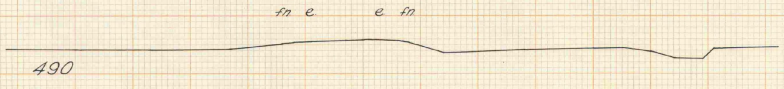
10+50



10+00



9+50



9+00

BRANDON
Town Road #15

LEVELS BY Kellig 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY JJG
PLANIMETRED BY ____ CKD. BY ____
EXAMINED BY T NO 12/1958 FILED
SHEET ____ OF ____

KS

KEUFFEL & ESSER CO. MADE IN U.S.A.

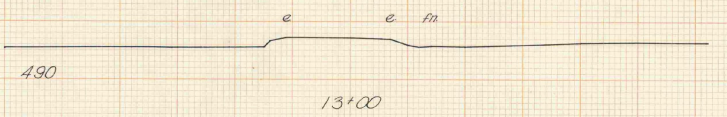
K&E STANDARD ® CROSS SECTION BOUND TO THE RIGHT

KEUFFEL & ESSER CO MADE IN U.S.A.

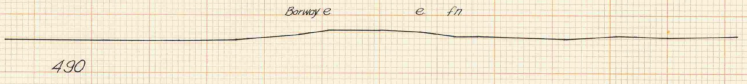
Scale 1" = 10'

K&E STANDARD ® CROSS SECTION

KEUFFEL & ESSER CO MADE IN U.S.A.



13+00



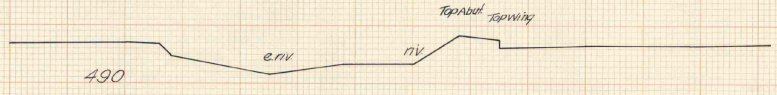
12+50



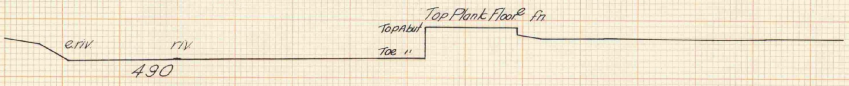
12+01



11+95



11+77



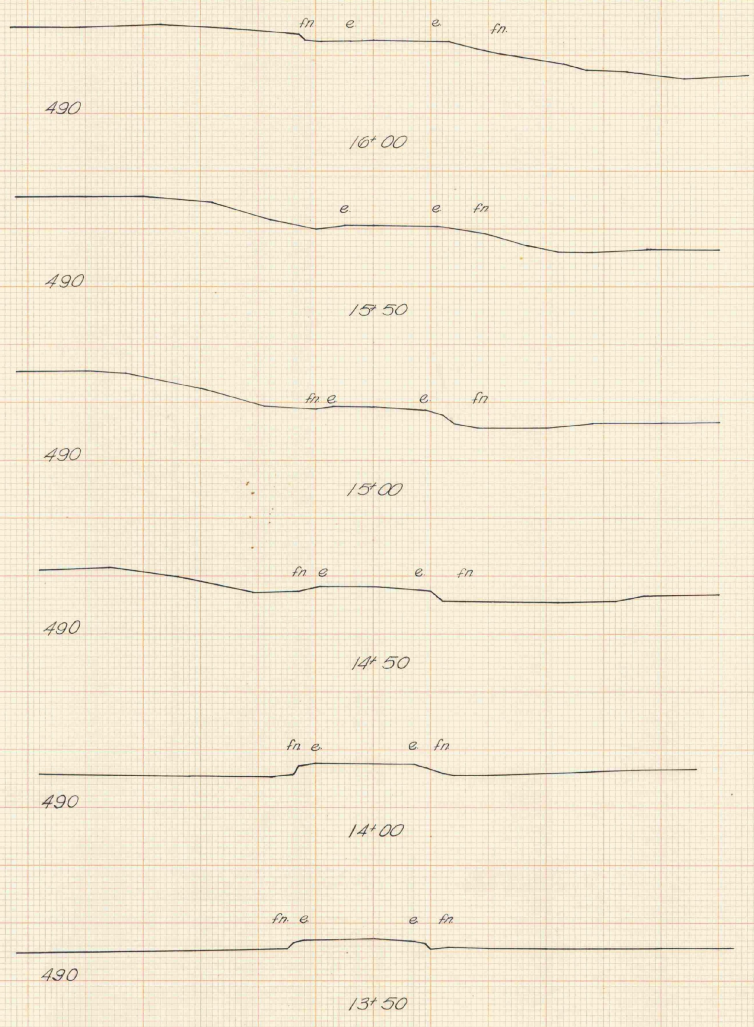
11+73

B. RANDON
Town Road #15

LEVELS BY Kellig 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY JJG
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____ NO. 12/1958 FILED
SHEET _____ OF _____

KB

Scale 1" = 10'



BRANDON
Town Road #15

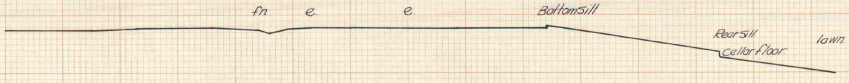
LEVELS BY Kallio 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY JJ/GH
PLANIMETERED BY CKD. BY
EXAMINED BY T NO. 12/1958 FILED
SHEET OF

℄
Scale 1" = 10'



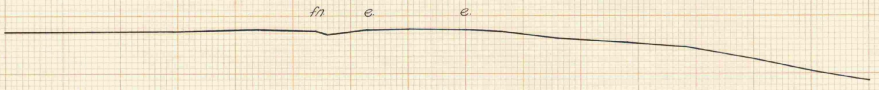
490

18+00



490

17+69
House Rt



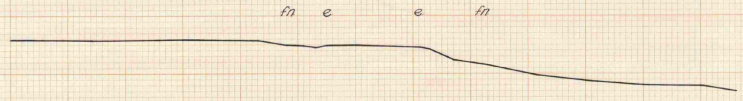
490

17+50



490

17+00



490

16+50

BRANDON
Town Road #15

LEVELS BY Kallio 1'59
SECTIONS PLOTTED BY Hopkins CKD. BY WJH
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____ NOV 21 1958 FILED
SHEET _____ OF _____

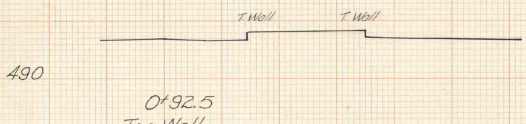
KB

KEUFFEL & ESSER CO

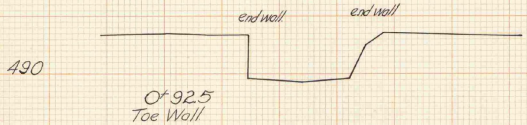
Scale 1" = 10'



1+00



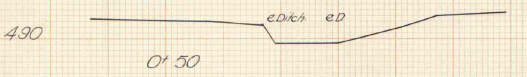
0+92.5
Top Wall



0+92.5
Toe Wall



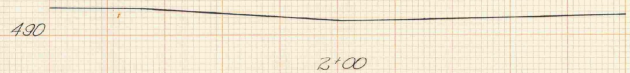
0+75



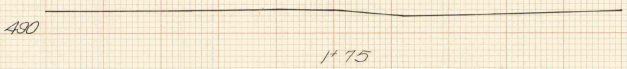
0+50



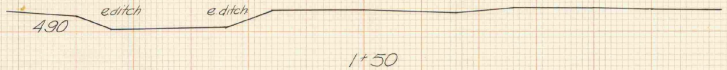
0+25



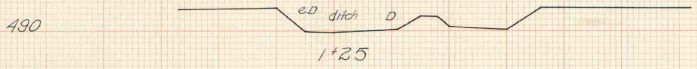
2+00



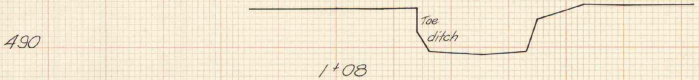
1+75



1+50



1+25



1+08
Toe Wall



1+08
Top Wall

BRANDON
Station 1+00 ML - 1+00 CL
Channel Sections

LEVELS BY Kallio 1-59
SECTIONS PLOTTED BY Hopkins CKD. BY 4-64
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
T NO 12/1958 FILED
SHEET _____ OF _____

KS

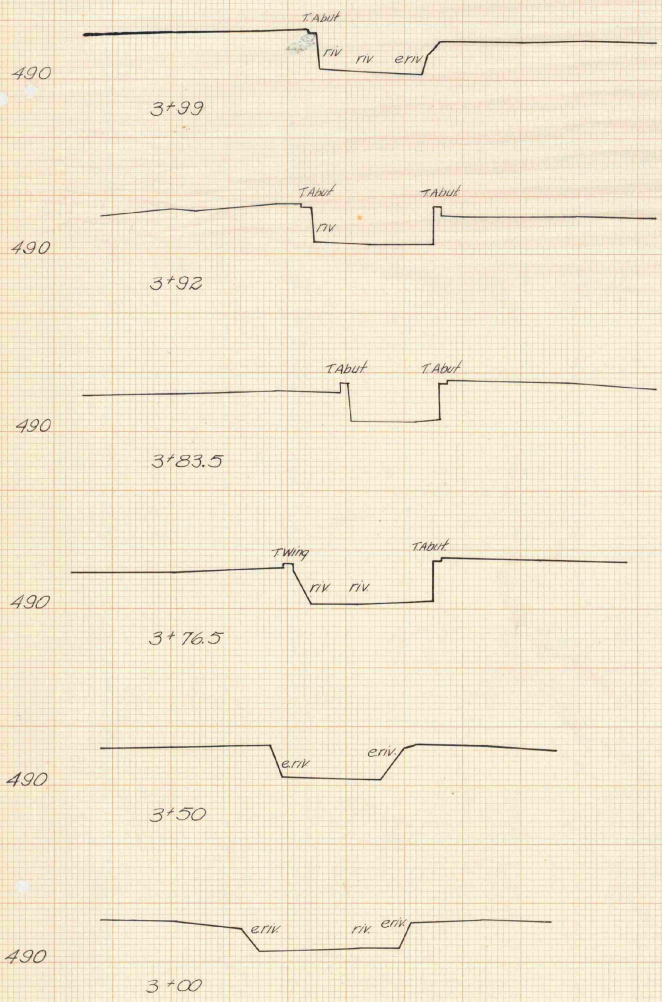
KEUFFEL & ESSER CO. MADE IN U.S.A.

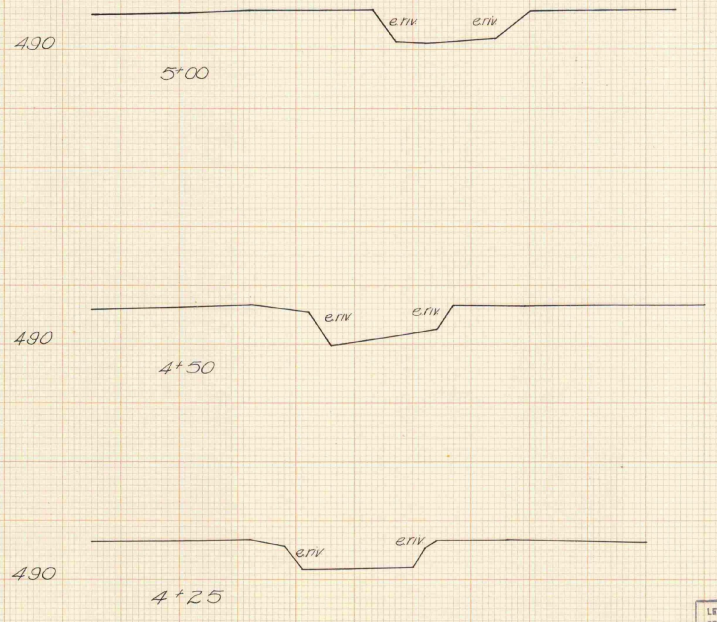
K&E STANDARD @ CROSS SECTION

Scale 1" = 10'

KEUFFEL & ESSER CO. MADE IN U.S.A.

K&E STANDARD @ CROSS SECTION





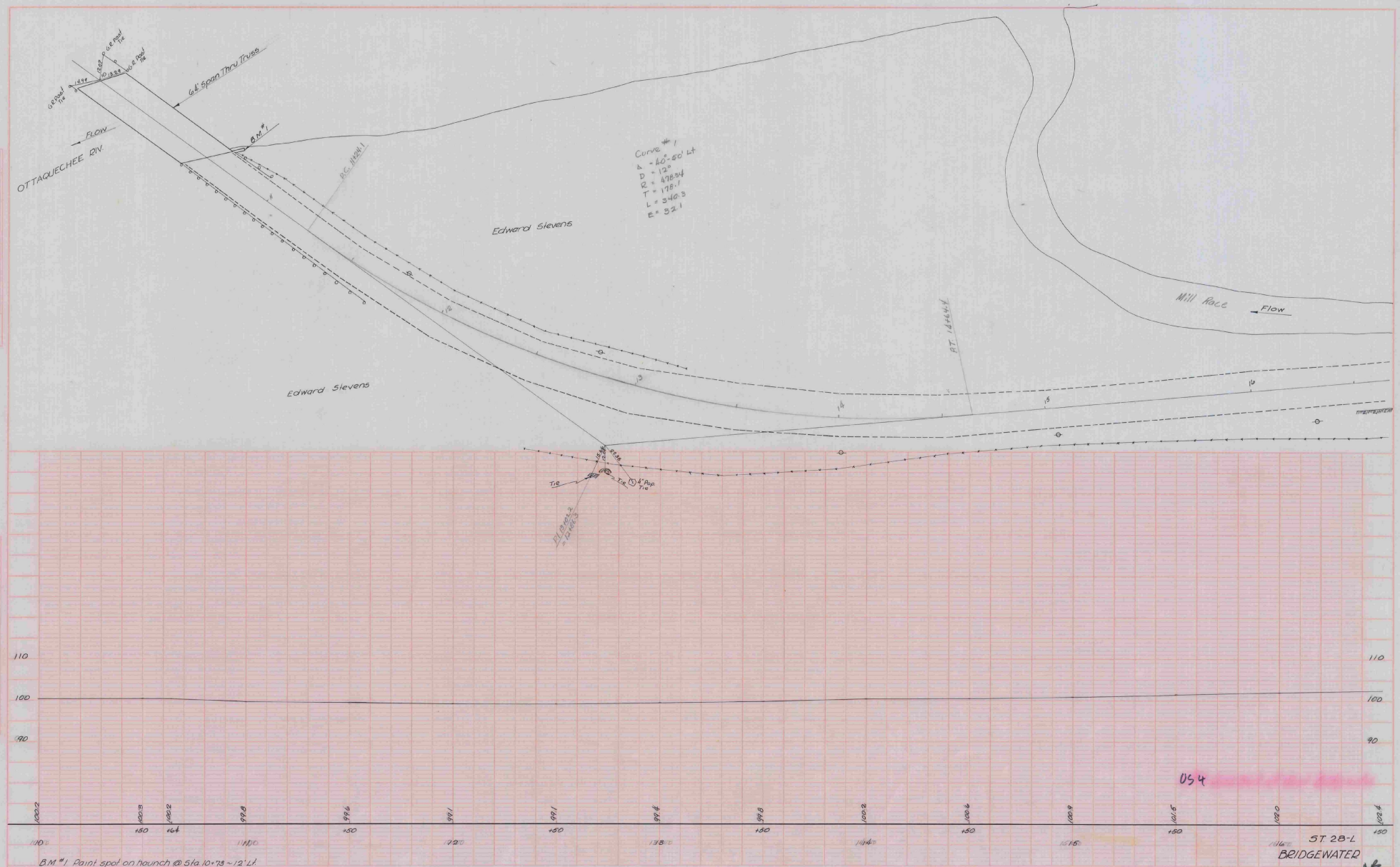
BRANDON
Mainline Sta 11+50 = 4+00 CL
Channel Sections

LEVELS BY Kallio 1/59
SECTIONS PLOTTED BY Hopkins CKD. BY JJGH
PLANIMETERED BY CKD. BY
EXAMINED BY T NO. 12/1958 FILED
SHEET OF

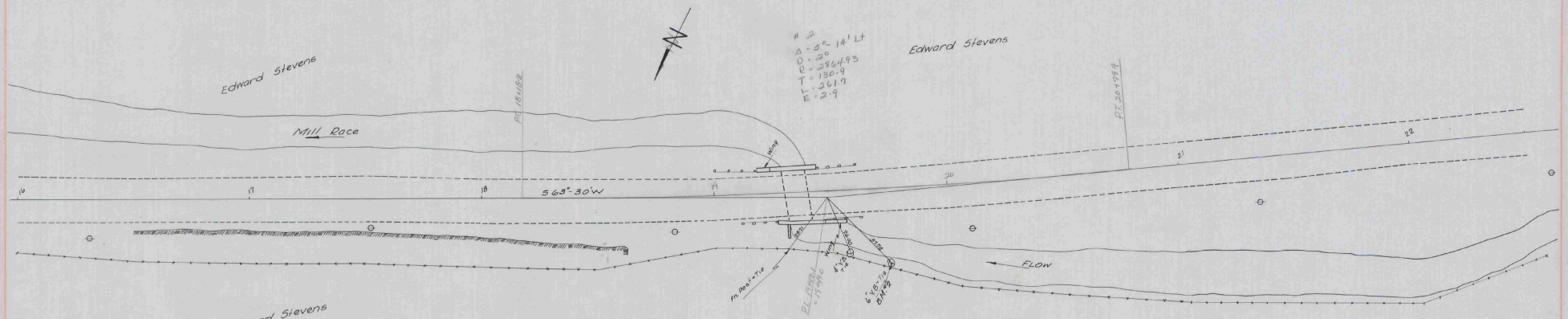
Scale 1" = 10'



OTTAQUECHEE RIV.
FLOW
64' Span Thru Truss
B.M. #1
P.C. 11+24.1
Curve #1
Δ = 40°-50' Lt
D = 12°
R = 478.34
T = 178.1
L = 340.3
E = 32.1
Edward Stevens
Edward Stevens
Mill Race
Flow
P.T. 14+64.4
Tie
Tie
4" Pop Tie
110
100
90
100.2
100.3
100.2
99.8
99.6
99.1
99.1
99.4
99.8
100.2
100.6
100.9
101.5
102.0
102.4
+50
+64
+50
+50
+50
+50
+50
+50
+50
B.M. #1 Paint spot on haunch @ Sta. 10+73 ~ 12' Lt.
ST. 28-L
BRIDGEWATER
Sht 1 of
AB

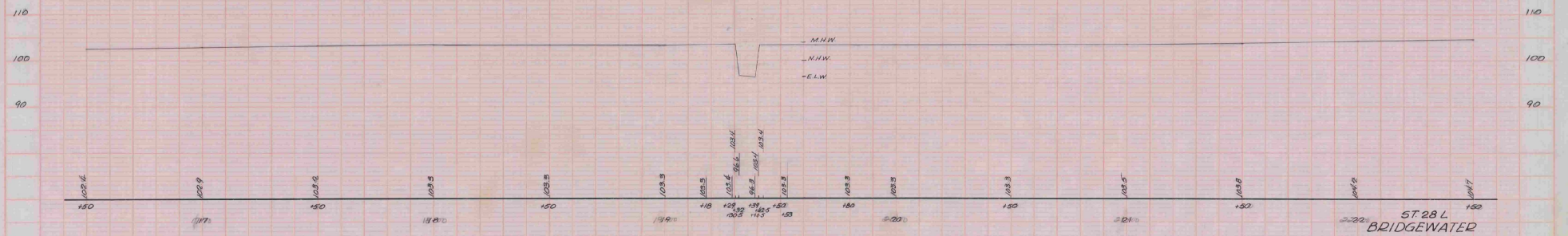


64' Span Thru Truss
G.R. Post Tie
FLOW
OTTAQUECHEE RIV.
B.M. #1
P.C. 11+24.1
Curve #1
Δ = 40°-50' Lt
D = 12°
R = 478.34
T = 178.1
L = 340.3
E = 32.1
Edward Stevens
Edward Stevens
Mill Race
Flow
P.T. 14+64.4
Tie
4" Pop Tie
110
100
90
100.2
100.3
100.2
99.8
99.6
99.1
99.1
99.4
99.8
100.2
100.6
100.9
101.5
102.0
102.4
+50
+64
+50
+50
+50
+50
+50
+50
110
120
130
140
150
160
B.M. #1 Paint spot on haunch @ Sta. 10+73 ~ 12' Lt.
ST. 28-L
BRIDGEWATER
Sht 1 of
AB



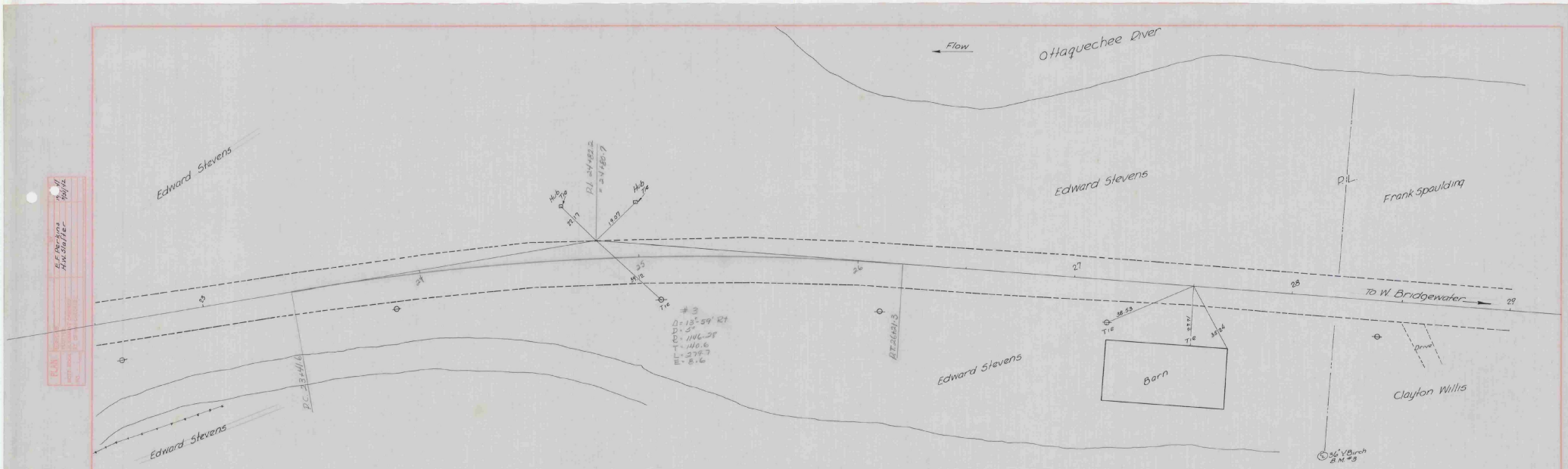
BRIDGE DATA

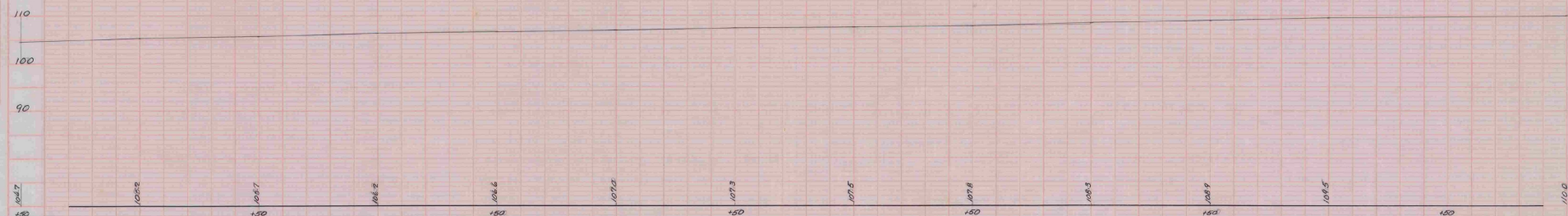
	PRESENT	PROPOSED
Type	Conc Slab	
Spans	1 @ 10'	
Clear Height	4.7'	
Waterway	47 sf	
Length Overall	20.75'	
Roadway Width	20.75'	



B.M. #2 Spike in root of 6" Yellow Birch @ Sta. 19+74 ~ 30' Right

ST. 28 L
BRIDGEWATER
Sht 3 of



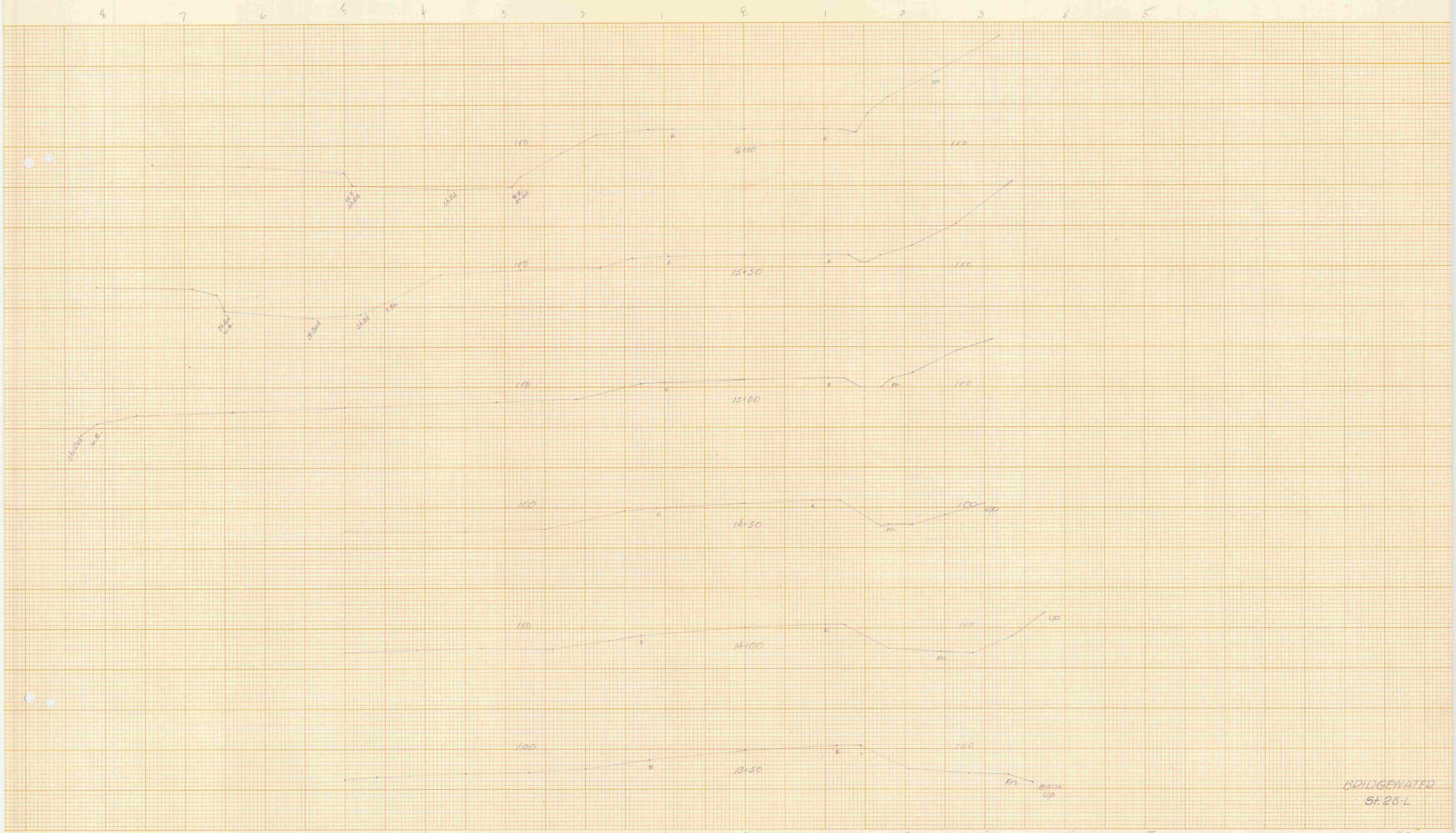


B.M.#3 Spike in roof of 36" Yellow Birch Sta 28+20 61' Right

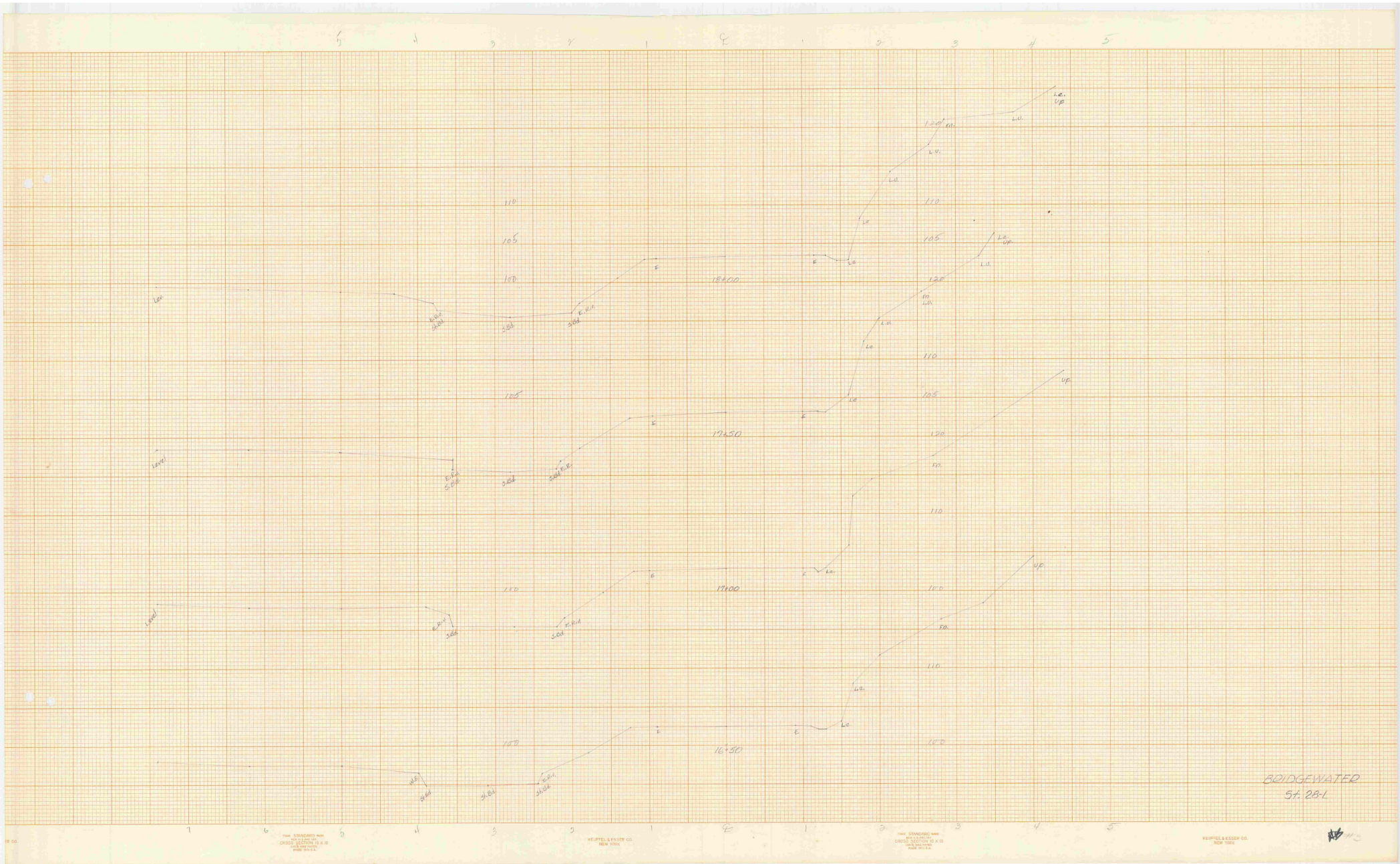
ST. 28-L
BRIDGEWATER

Sht 3 of

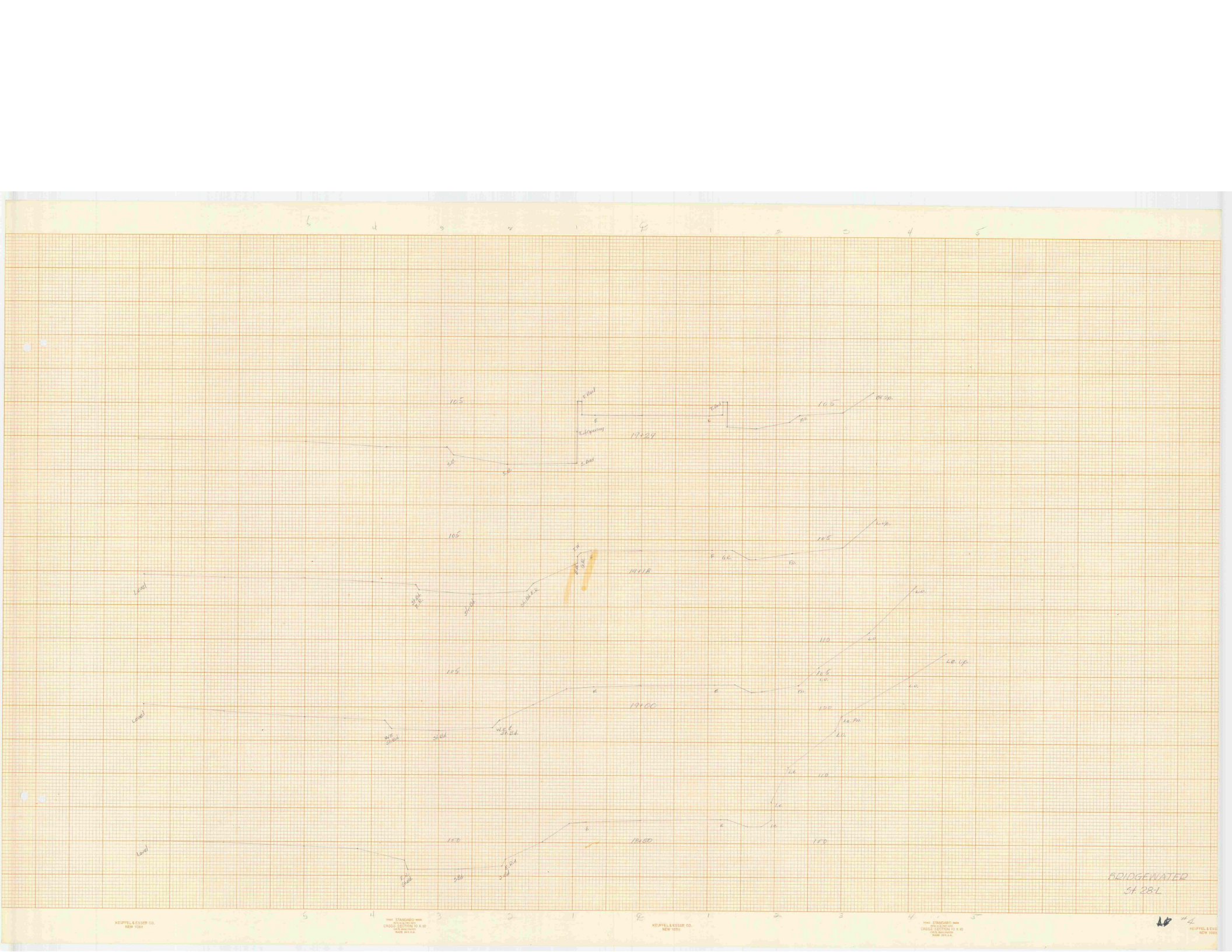

13+00
12+50
12+00
11+50
11+00
10+64
10+50
10+00
BRIDGEWATER
ST. 28-2

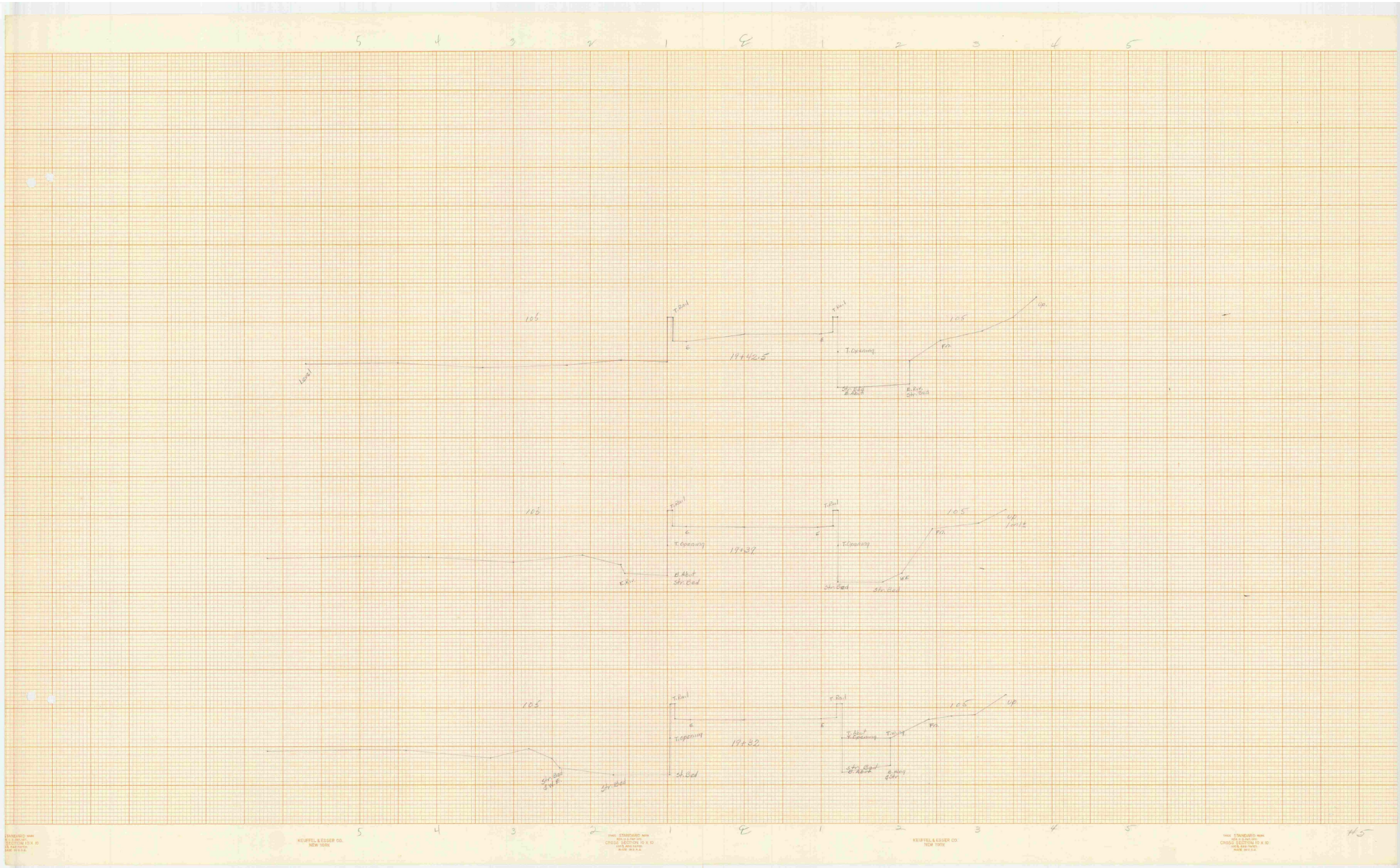


16+00
15+50
15+00
14+50
14+00
13+50
100
Fn.
Up
Bank Up
BRIDGEWATER
St. 28-L
#2

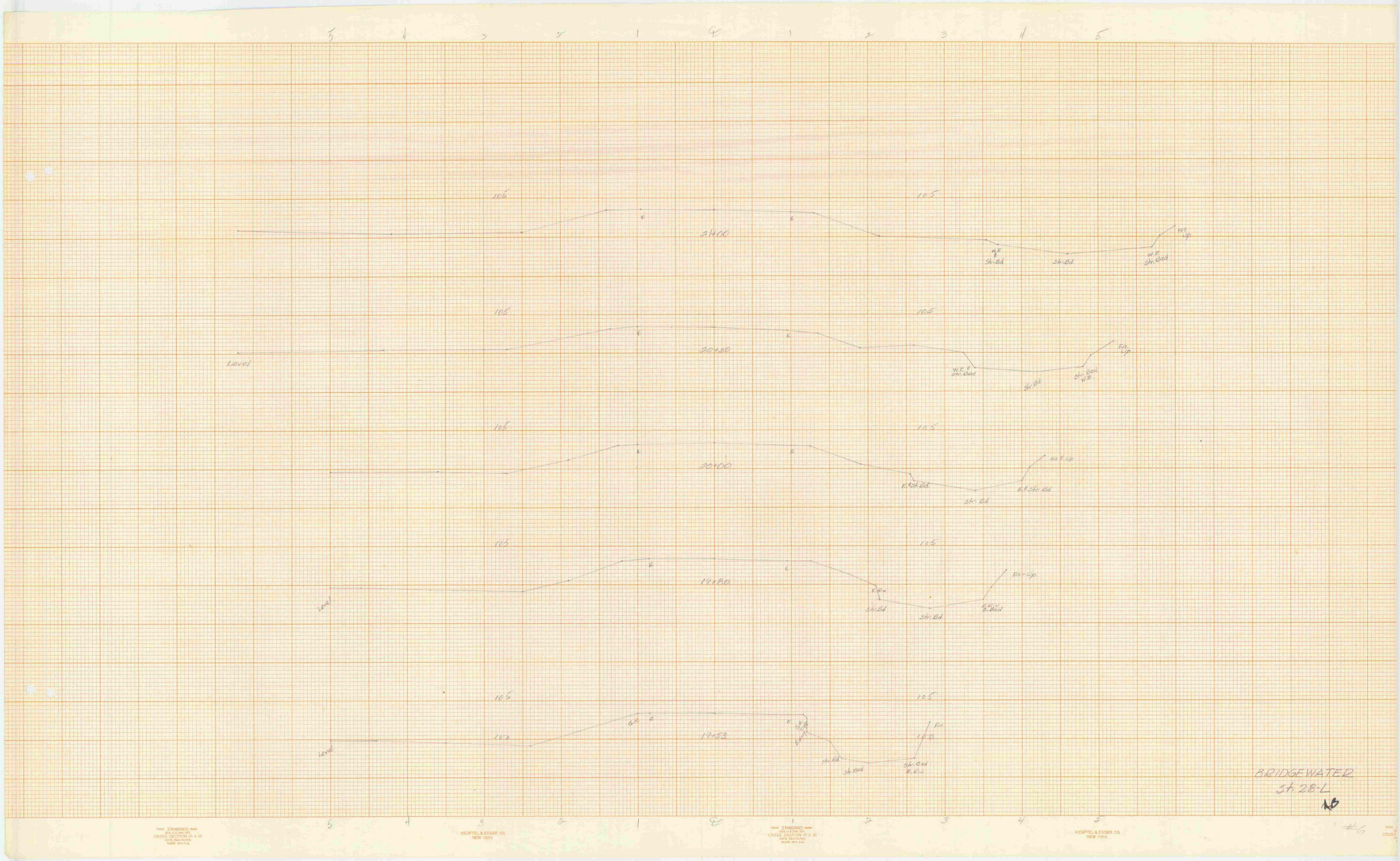


BRIDGEWATER
St. 28-1

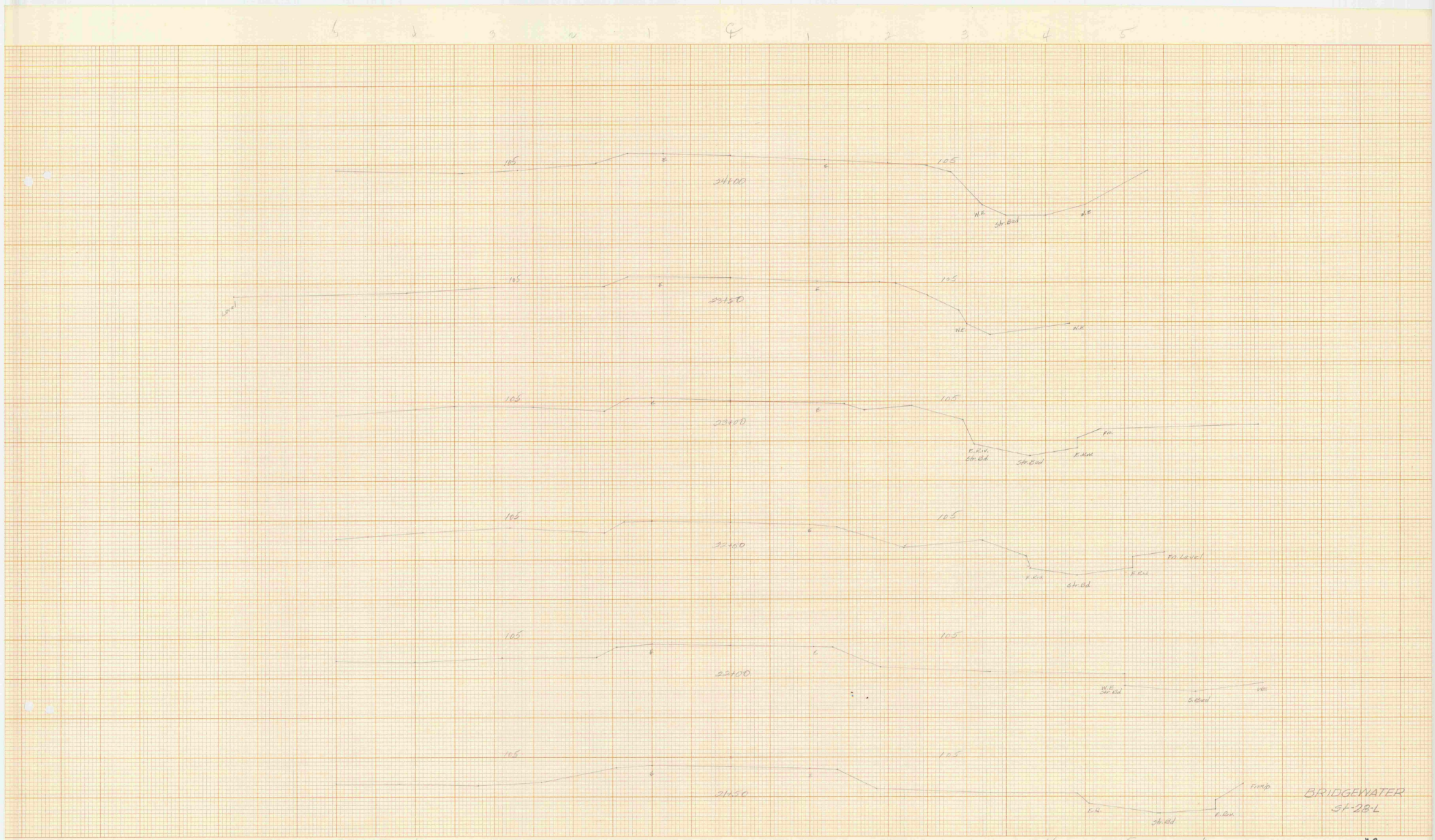

19+29
19+18
19+09
19+00
BRIDGEWATER
St 28-L

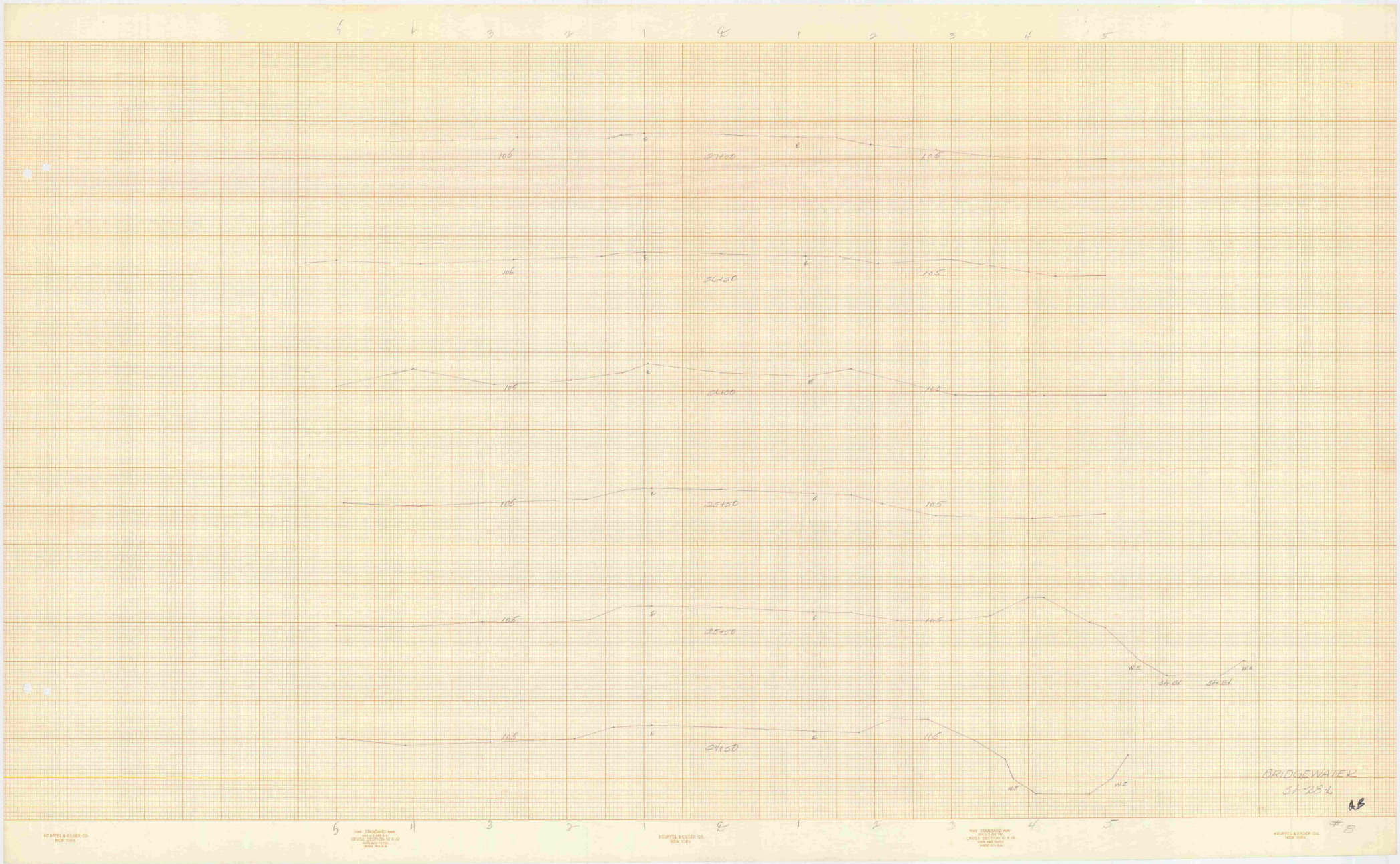


105
T. Rail
T. Rail
E
E
19+42.5
T. Opening
Level
Str. Bed
B. Abut
B. Riv.
Str. Bed
105
Fr.
Up.
105
T. Rail
T. Rail
E
E
T. Opening
T. Opening
19+39
E. Riv.
B. Abut
Str. Bed
Str. Bed
Str. Bed
W.E.
Fr.
105
Up.
105
T. Rail
T. Rail
E
E
T. Opening
19+32
Str. Bed
B. W.E.
Str. Bed
St. Bed
T. Abut
T. Opening
T. Wing
Str. Bed
B. Abut
B. Wing
Str.
Fr.
105
Up.
#5



105
21+00
W.E. & Str. Bd.
Str. Bd.
W.E. Str. Bd.
Fn. Up.
Level
20+50
W.E. & Str. Bd.
Str. Bd.
Str. Bd. W.E.
Fn. Up.
20+00
E. & Str. Bd.
Str. Bd.
E. & Str. Bd.
Fn. & Up.
19+80
E. Riv.
Str. Bd.
Str. Bd.
E. Riv. B. Bed.
Fn. & Up.
100
19+53
G.R.
Str. Bd.
Str. Bd.
Str. Bd. E. Riv.
Fn.
BRIDGEWATER
St. 28-L
AB
#6

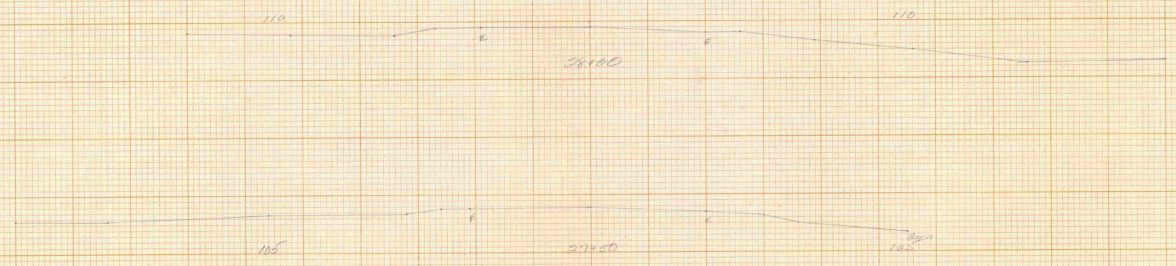

105
24+00
W.E.
Str. Bed
W.E.
105
23+50
Level
W.E.
W.E.
105
23+00
E.Riv.
Str. Bd.
Str. Bed
E.Riv.
Fo.
105
22+50
E.Riv.
Str. Bd.
E.Riv.
Fo. Level
105
22+00
W.E.
Str. Bd.
S. Bed
W.E.
105
21+50
E.R.
Str. Bd.
E.Riv.
Fo. Up
BRIDGEWATER
St-28-L
KB
#7



105
27+00
105
105
26+50
105
105
26+00
105
105
25+50
105
105
25+00
105
W.E.
Str. Rd.
Str. Rd.
W.E.
105
24+50
105
W.E.
W.E.
BRIDGEWATER
St-28-L
AB
#8
KEUFFEL & ESSER CO.
NEW YORK
STANDARD
CROSS SECTION 10 X 10

110 @ 110
29450

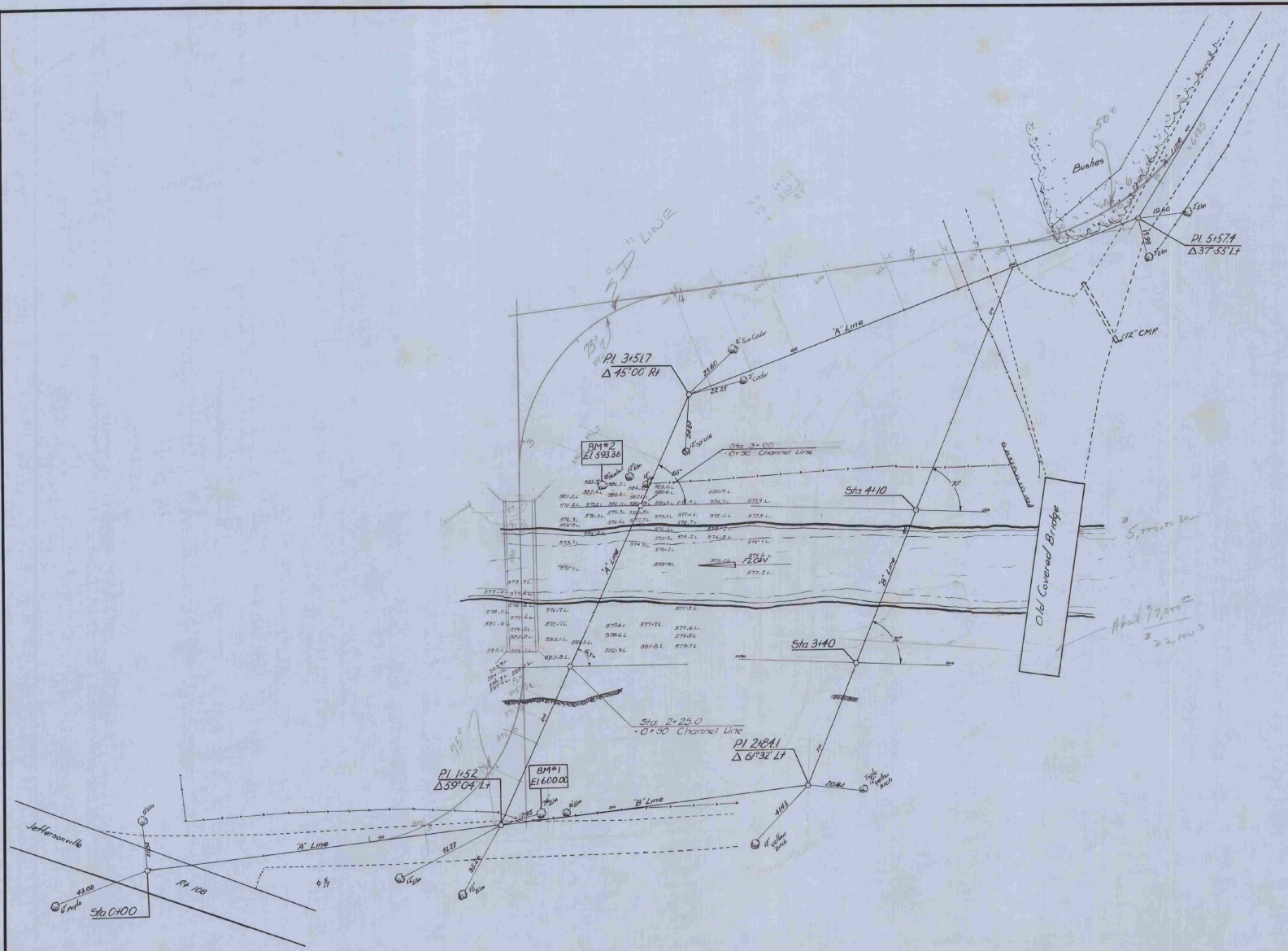
110 @ 110
29400



BRIDGEWATER
ST-28-L

#9

KEUFFEL & ESSER CO.
NEW YORK



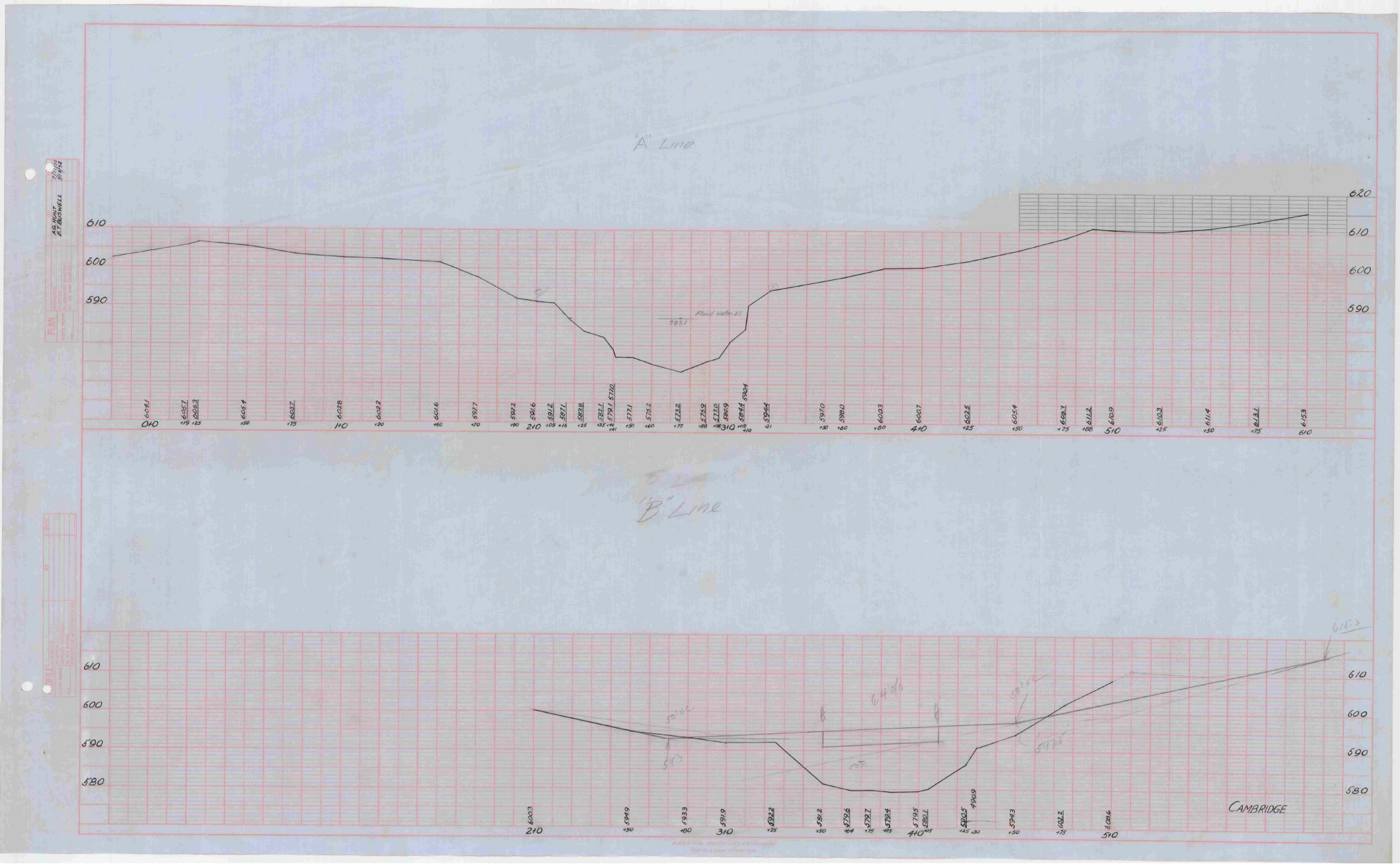
Known as Scott Bridge

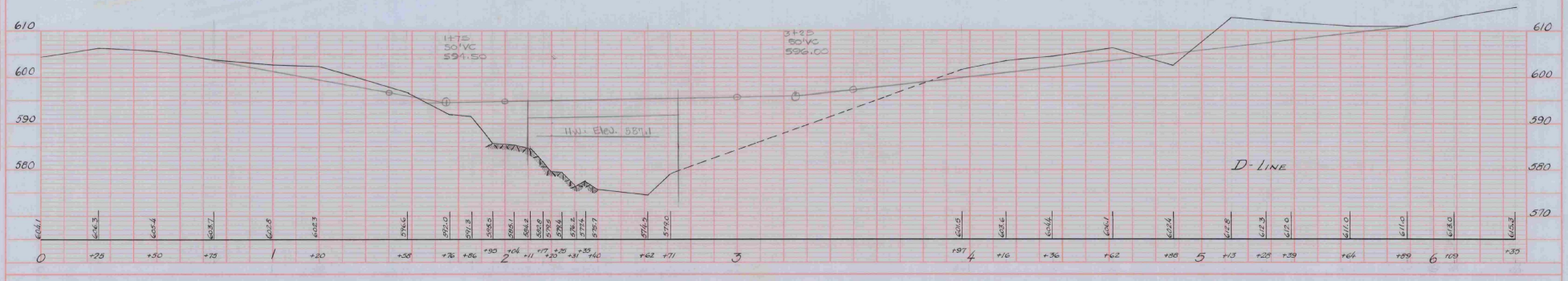
CAMBRIDGE

TH 31, B30 over Brewster River

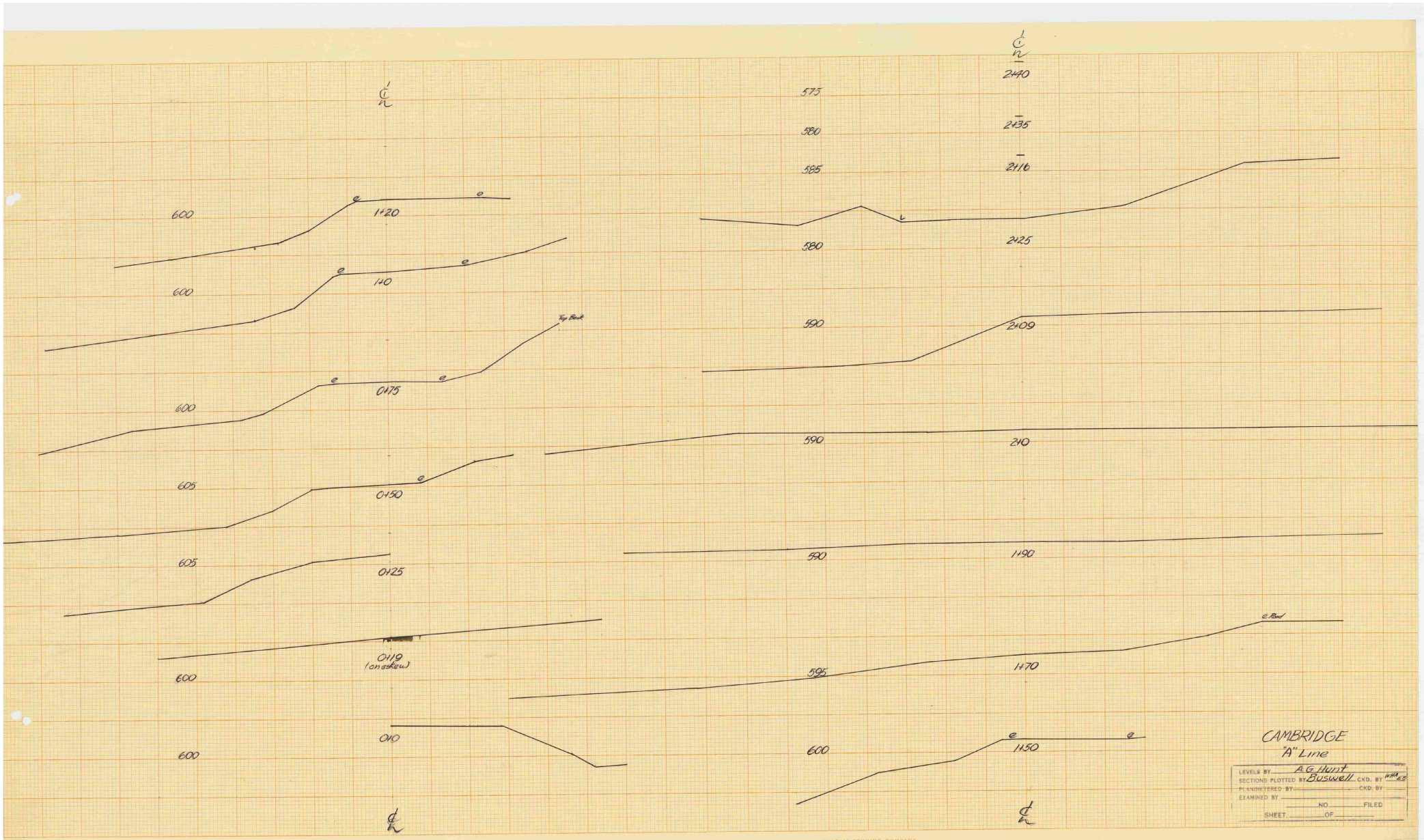
Surveyed by	A.G. HUNT		7/17/52
Designed by			
Drawn by	E.T. BUSWELL		7/17/52
Traced by			
Checked by			
Series	No.	Filed	
	Sheet	of	Sheets

A-B


"A" Line
610
600
590
620
Flood water El.
587.1
"B" Line
610
600
590
580
CAMBRIDGE



CAMBRIDGE
TOWN ROAD T31
Bridge 30



CAMBRIDGE

"A" Line

LEVELS BY A.G. Hunt

SECTIONS PLOTTED BY Buswell CKD. BY WMA RD

PLANIMETERED BY _____ CKD. BY _____

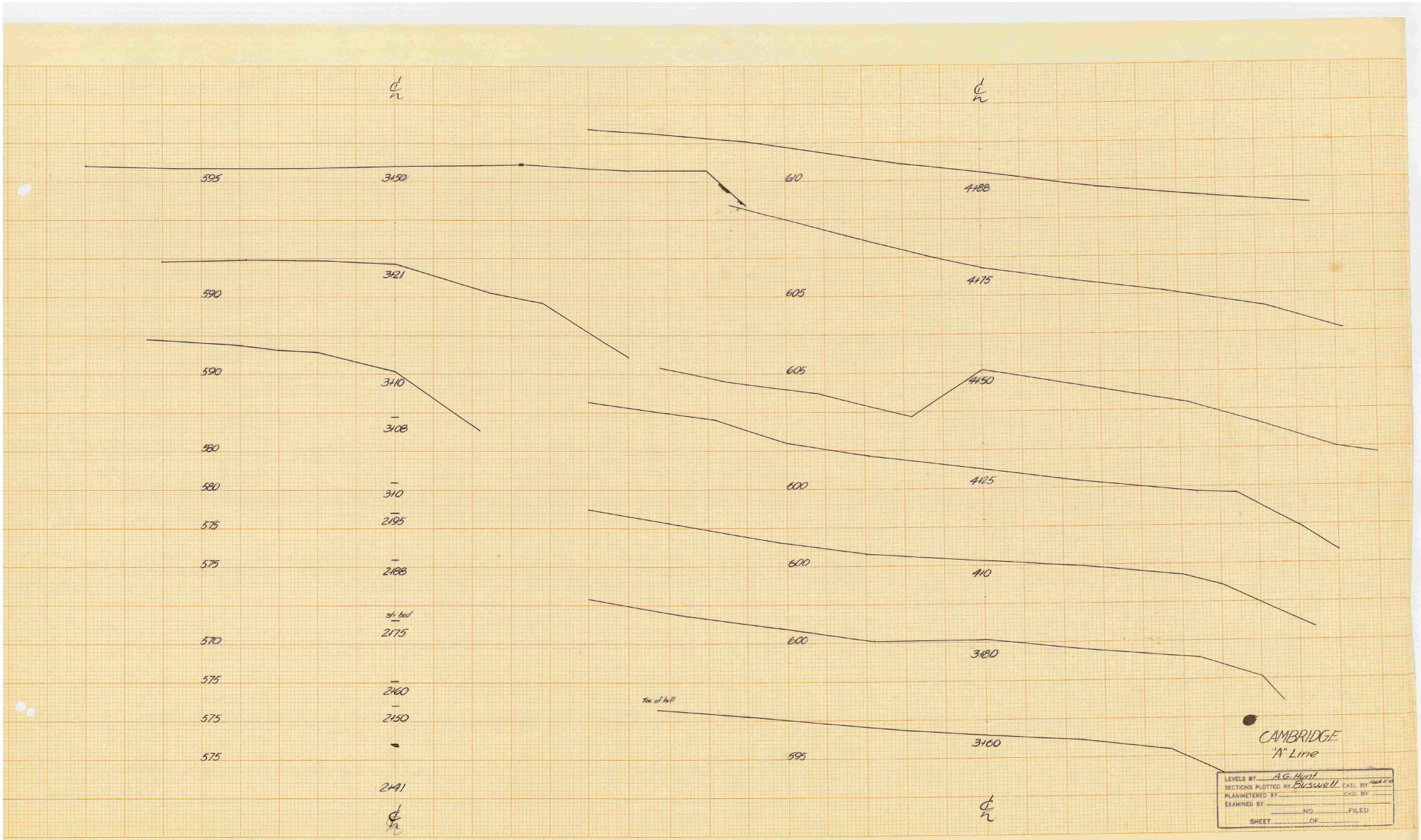
EXAMINED BY _____

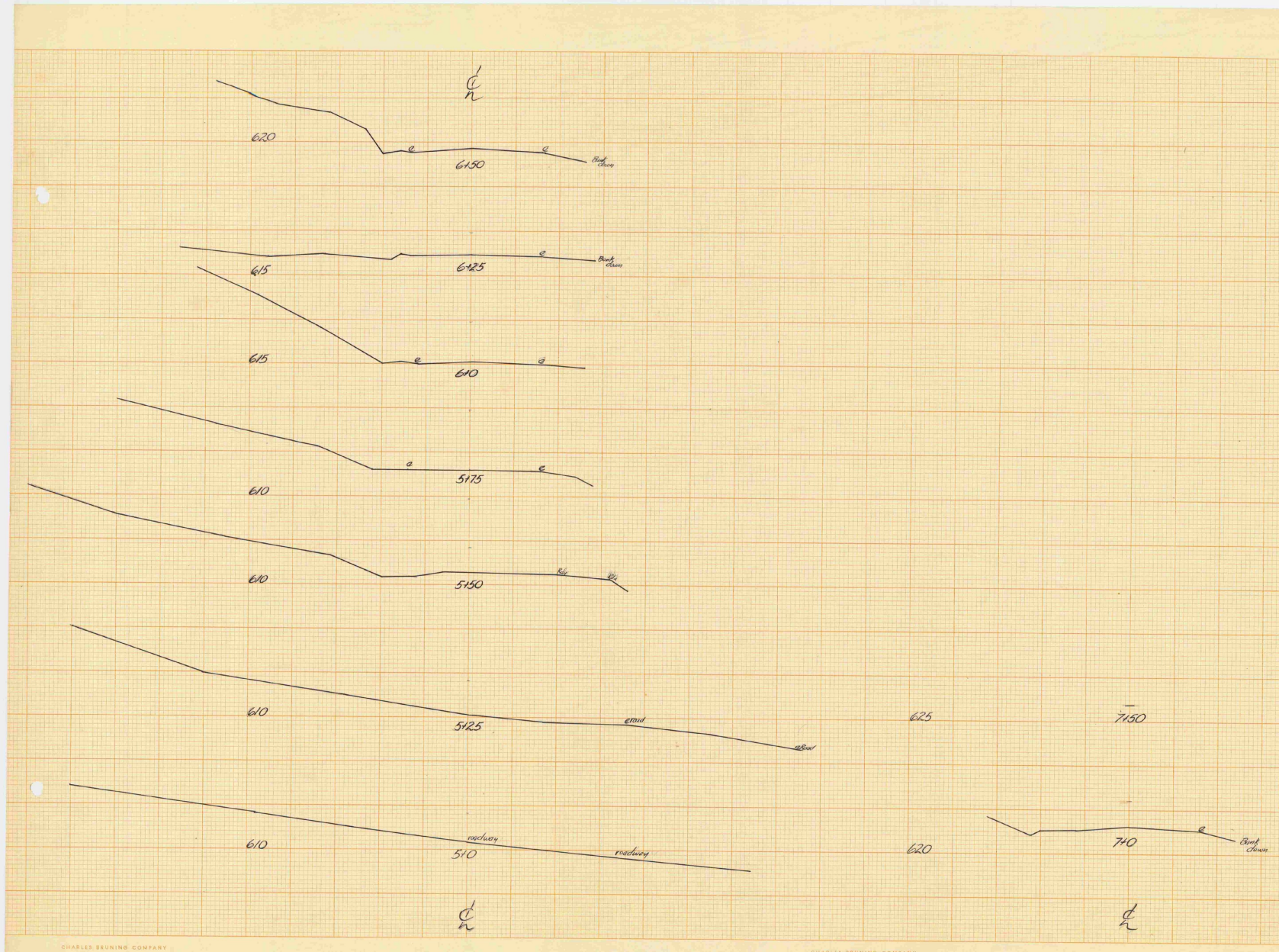
NO. _____ FILED

SHEET _____ OF _____

CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10

CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10


℄
595
590
590
580
580
575
575
570
575
575
575
℄
3150
3121
3110
3108
310
2195
2188
s/s bed
2175
2160
2150
2141
℄
610
605
605
600
600
600
595
℄
4188
4175
4150
4125
410
3180
toe of hill
3160
℄
CAMBRIDGE
"A" Line
LEVELS BY A.G. Hunt
SECTIONS PLOTTED BY Buswell CKD. BY
PLANIMETERED BY CKD. BY
EXAMINED BY
NO FILED
SHEET OF
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10



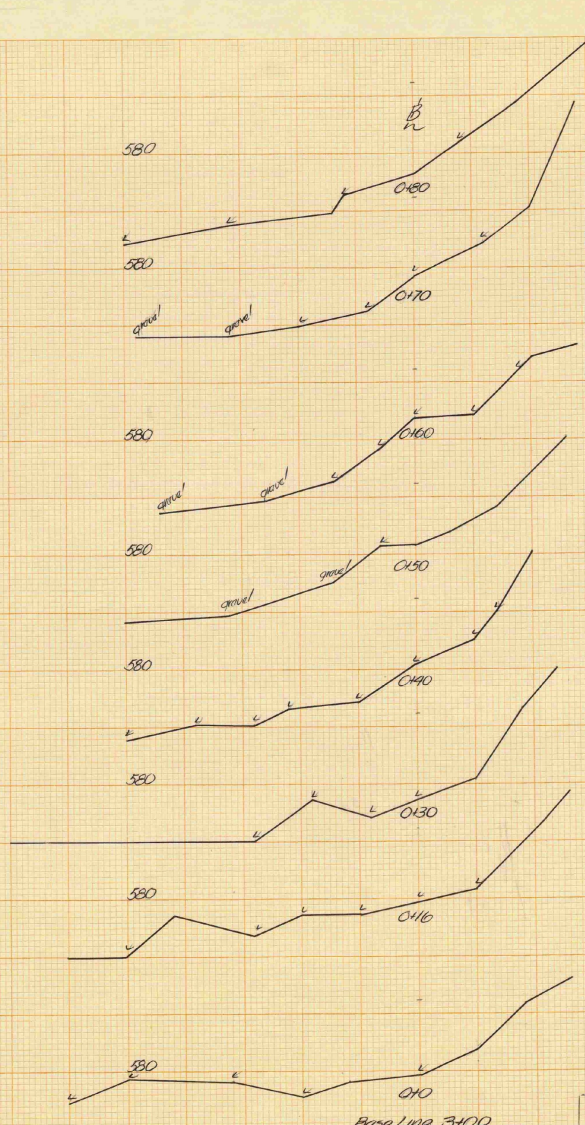
CAMBRIDGE
"A" Line

LEVELS BY A.G. Hunt
SECTIONS PLOTTED BY Buswell CKD. BY
PLANIMETERED BY CKD. BY
EXAMINED BY
NO. FILED
SHEET OF

CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.



Base Line 2125

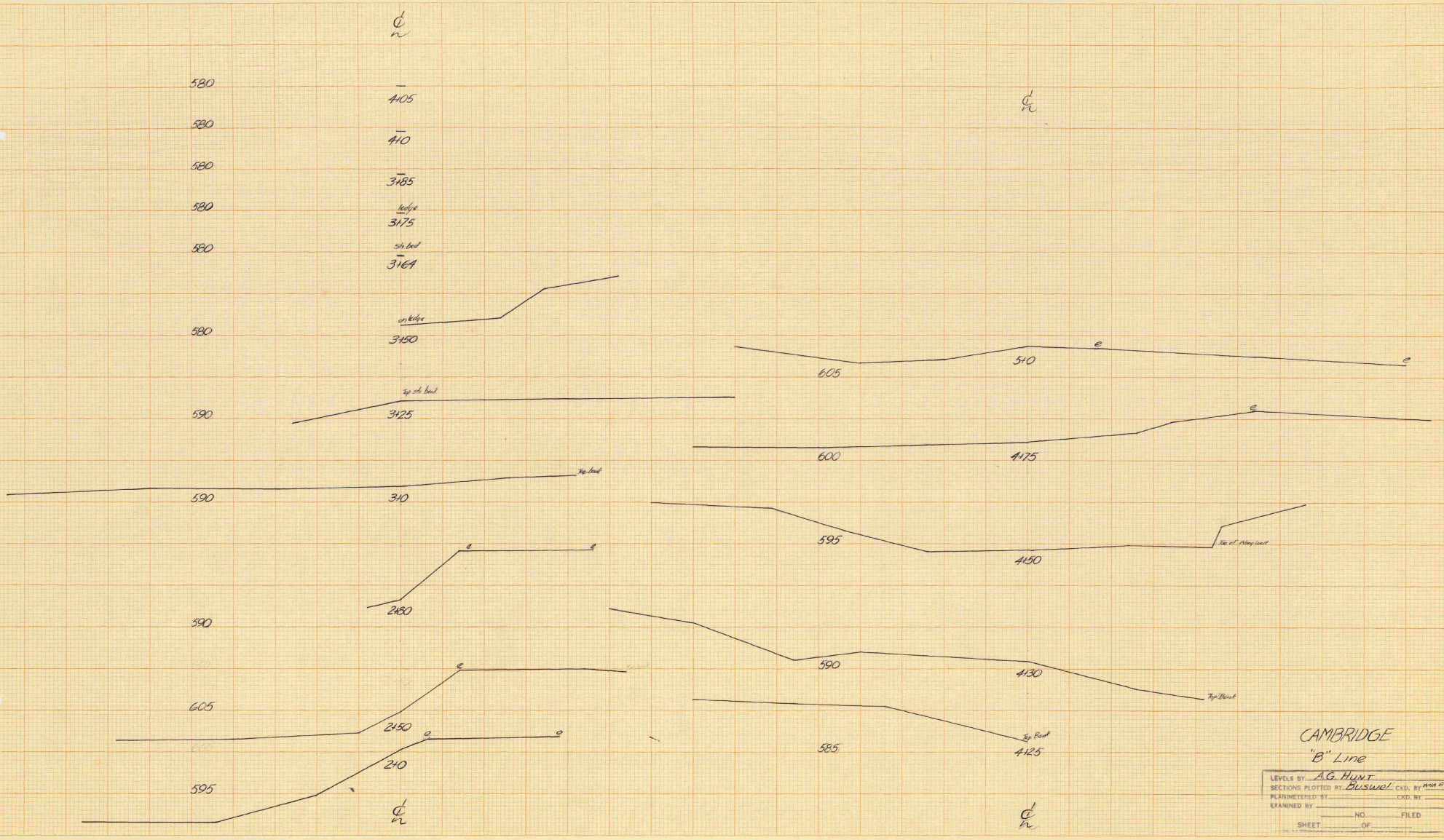


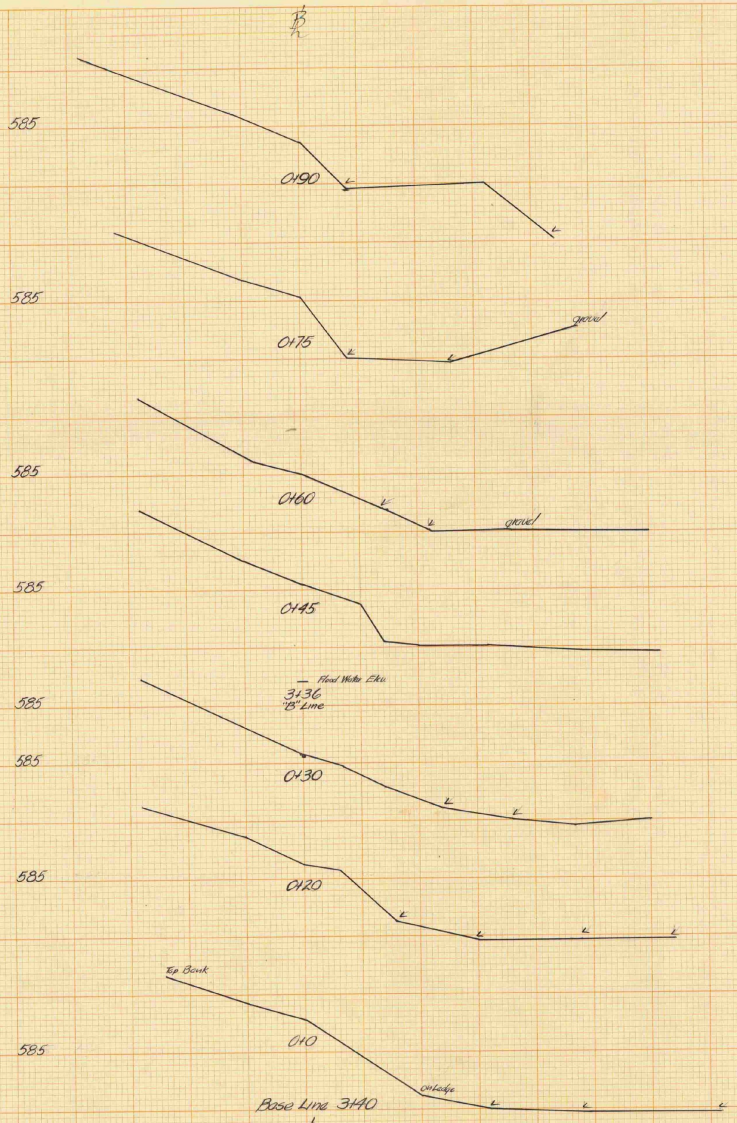
Base Line 3400

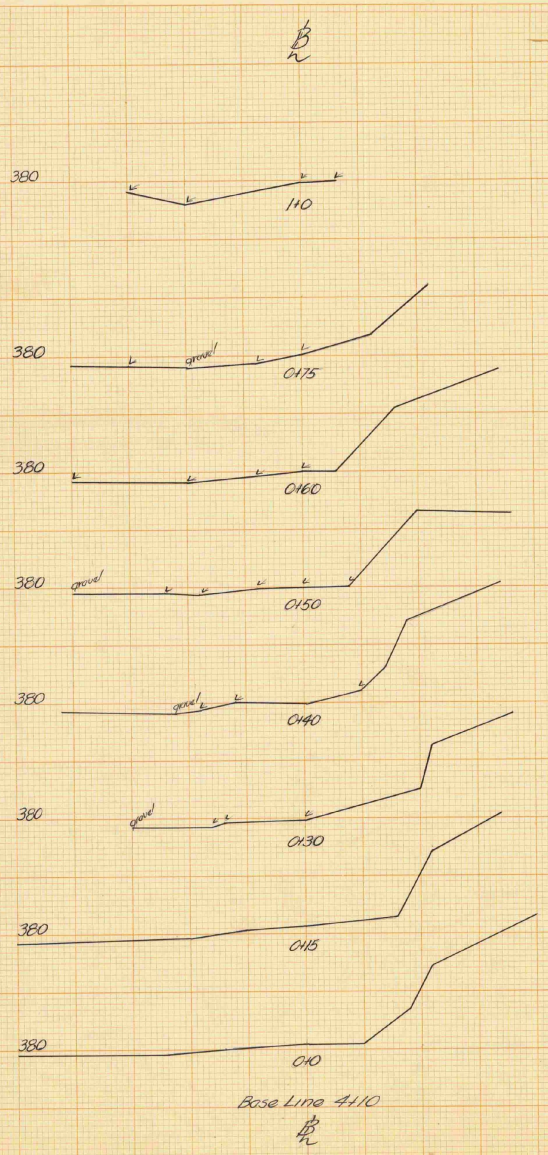
CAMBRIDGE
"A" Line

LEVELS BY A.G.Hunt
SECTIONS PLOTTED BY Buswell CKD. BY Nov 25
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____ NO. _____ FILED
SHEET _____ OF _____

CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.


℄
580
4+05
580
4+10
580
3+85
580
ledge
3+75
580
Sh. bed
3+64
580
ledge
3+50
590
Top Sh. bed
3+25
590
Top Bank
3+10
590
2+80
605
2+50
595
2+10
℄
605
5+10
600
4+75
595
4+50
590
4+30
Top Bank
585
Top Bank
4+25
℄
CAMBRIDGE
"B" Line
LEVELS BY A.G. HUNT
SECTIONS PLOTTED BY BUSWELL CKD. BY WMA EB
PLANIMETERED BY CKD. BY
EXAMINED BY
NO. FILED
SHEET OF
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10





CAMBRIDGE

"B" Line

LEVELS BY A.G. Hunt

SECTIONS PLOTTED BY Buswell CKD. BY WHAGA

PLANIMETERED BY _____ CKD. BY _____

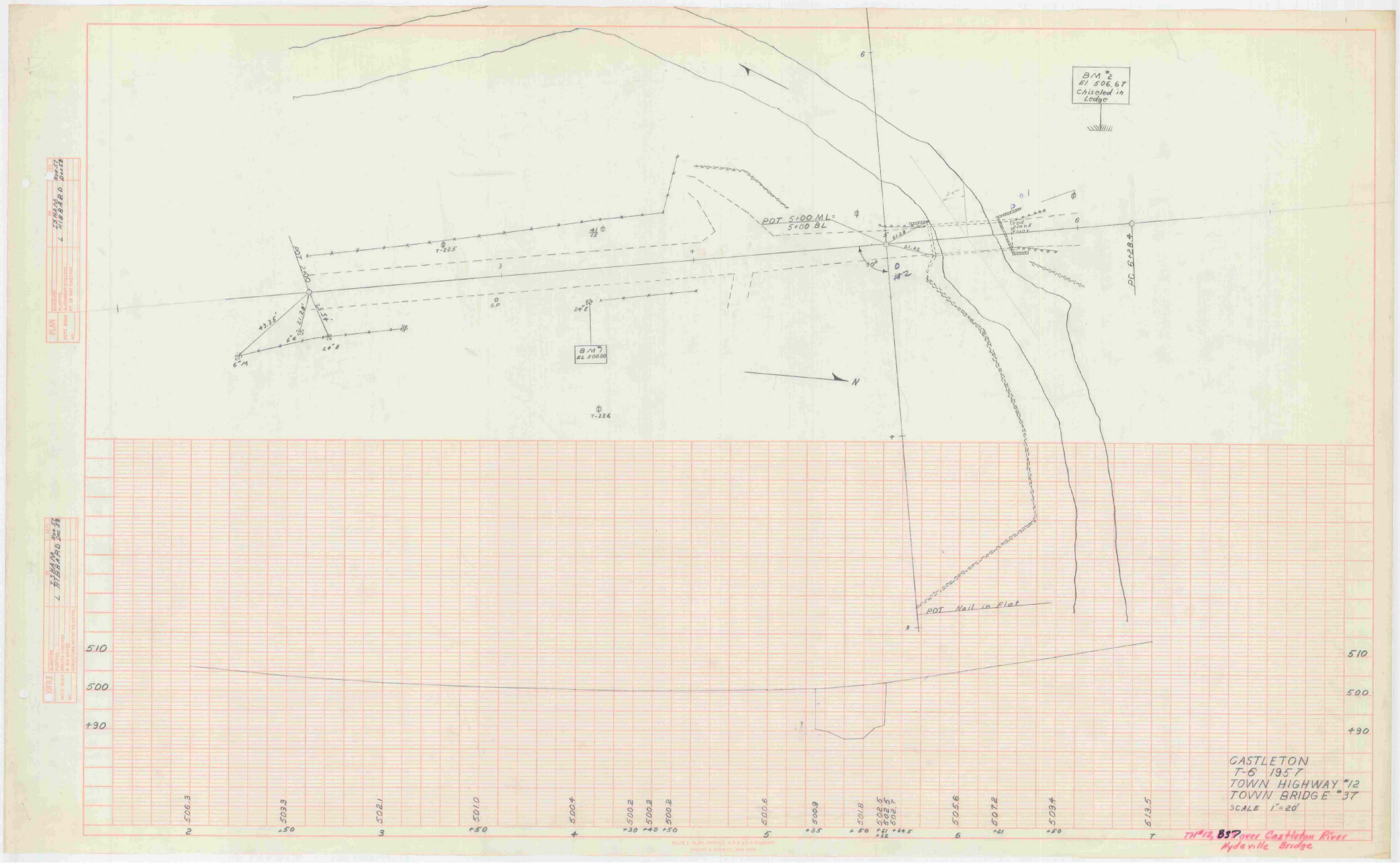
EXAMINED BY _____

_____ NO. _____ FILED

SHEET _____ OF _____

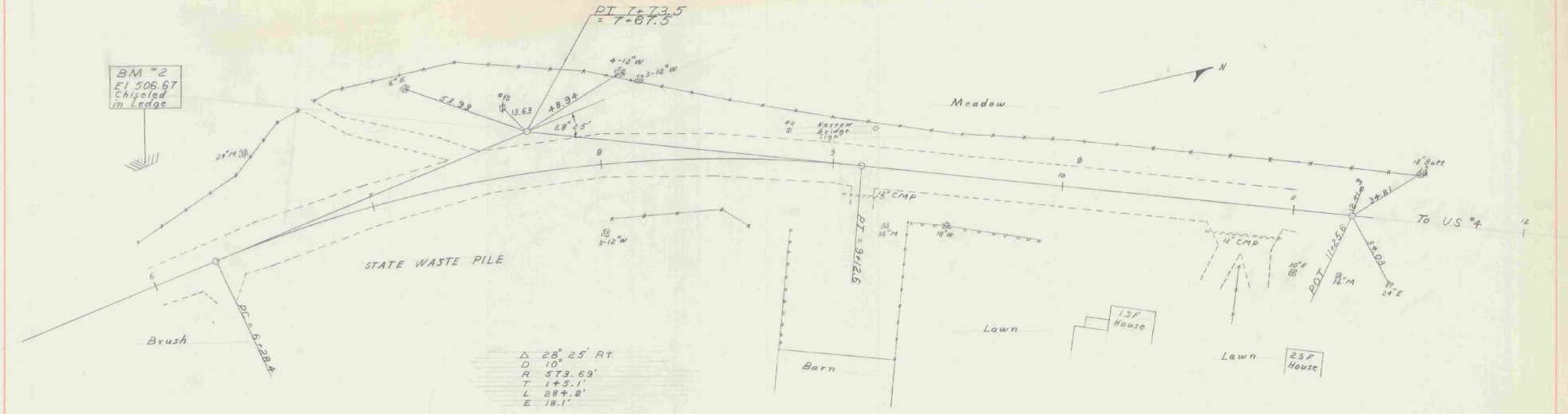
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10

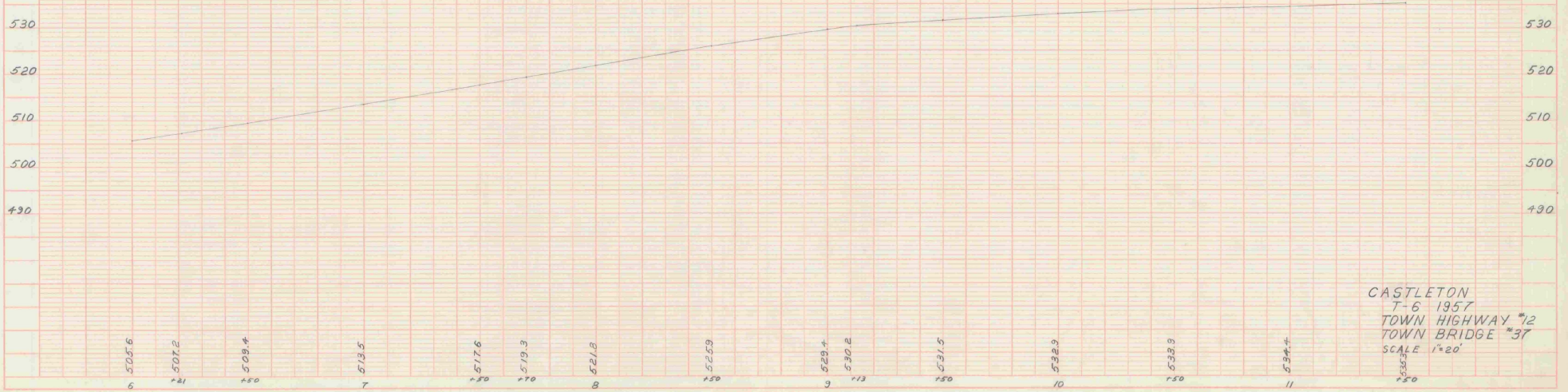
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10



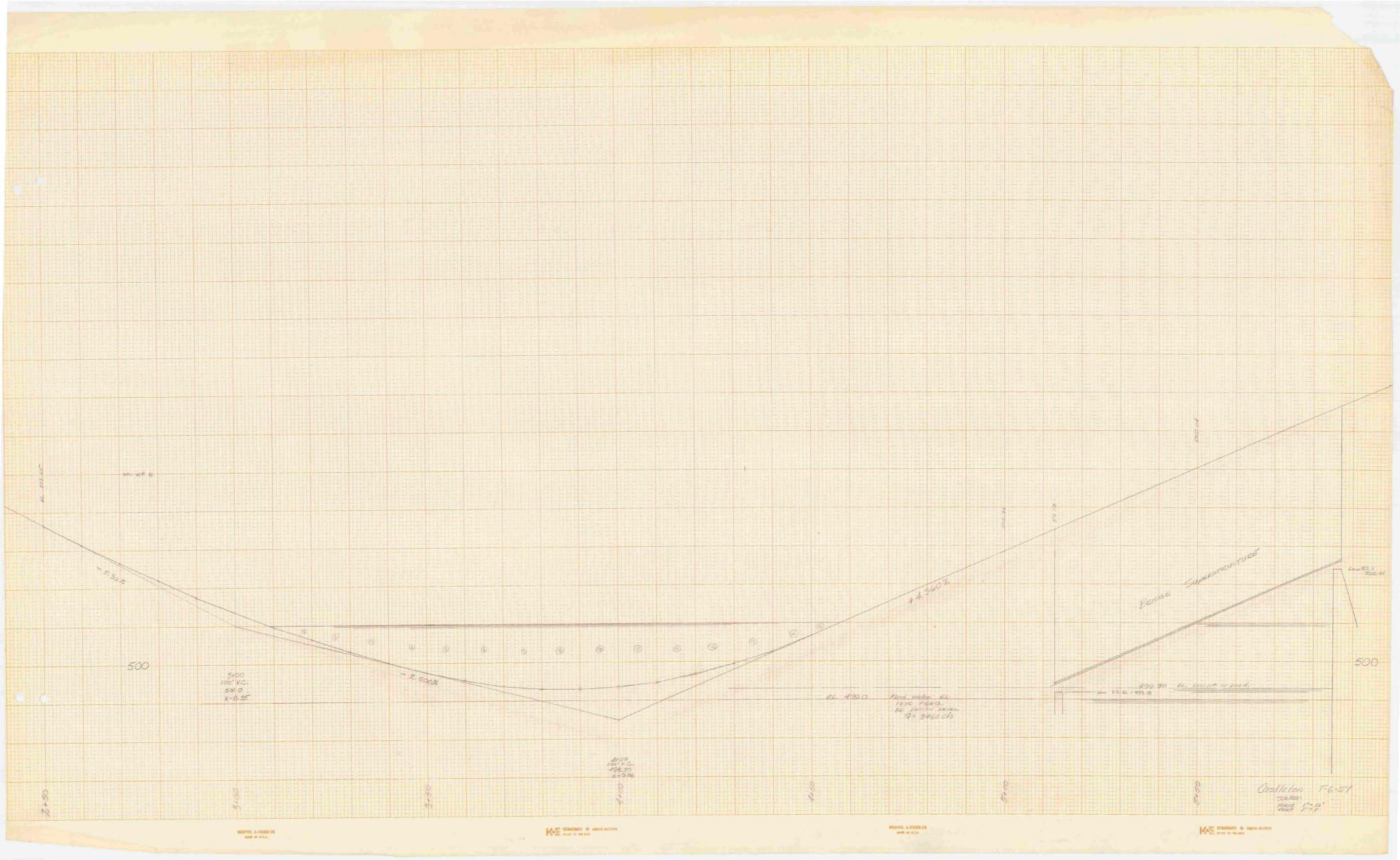
CASTLETON
T-6 1957
TOWN HIGHWAY #12
TOWN BRIDGE #37
SCALE 1"=20'

TH #12, BST over Castleton River
Hydeville Bridge

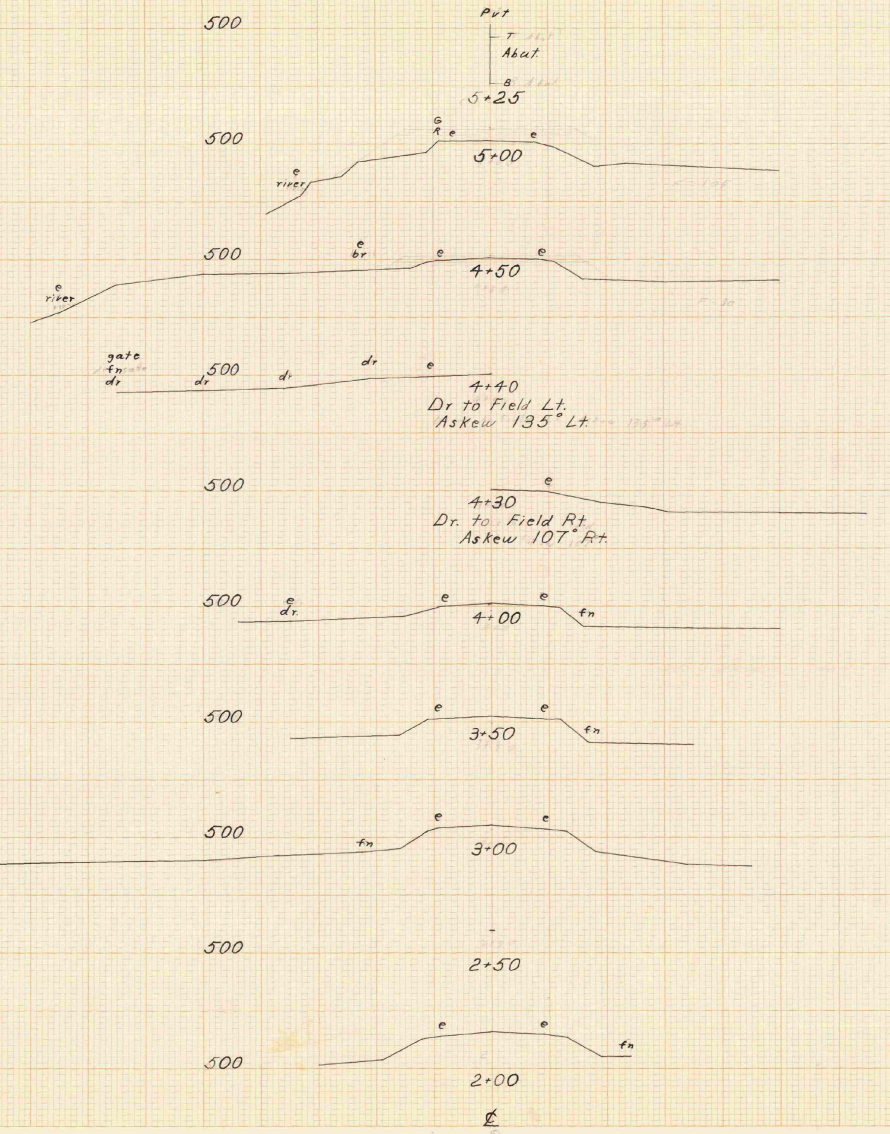


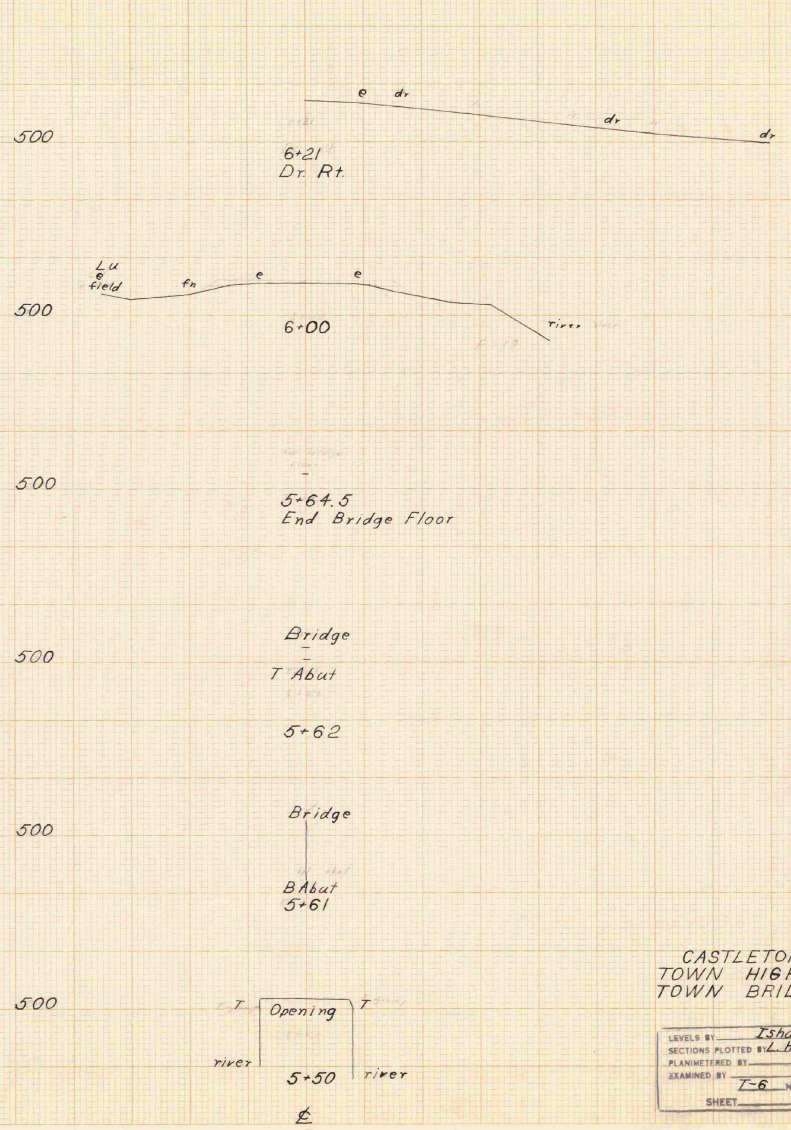


CASTLETON
T-6 1957
TOWN HIGHWAY #12
TOWN BRIDGE #37
SCALE 1"=20'



EL. 503.65
SOIL W.P. B
-5.30%
500
3+00
100' V.C.
501.0
E=0.35
-2.500%
4+00
100' V.C.
498.50
E=0.86
+4.360%
EL. 499.0
Flood Water EL.
10 YR. FREQ.
BR. DESIGN LEVEL
Q= 3460 CFS
502.86
BRIDGE SUPERSTRUCTURE
Low B.S. = 502.41
499.30 EL. Low 1st in road.
Low B.S. EL. = 499.18
500
2+50
3+00
3+50
4+00
4+50
5+00
5+50
Castleton T-6-51
Scales:
Horiz. 1" = 10'
Vert. 1" = 1'

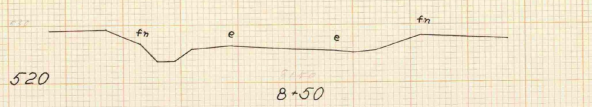


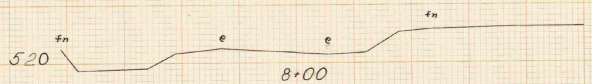


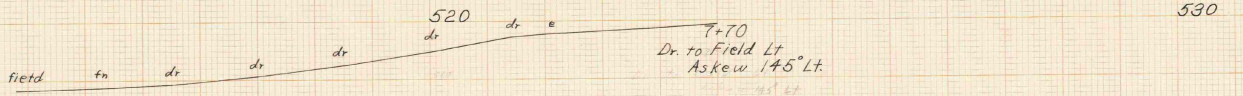
CASTLETON
TOWN HIGHWAY # 12
TOWN BRIDGE # 37

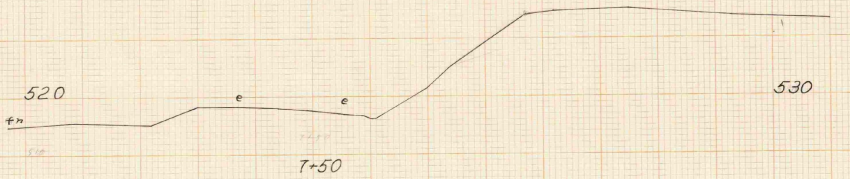
LEVELS BY Isham
SECTIONS PLOTTED BY L. Hibbard CKD. BY JAB/LH
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
T-6 NO. 1957 FILED
SHEET _____ OF _____

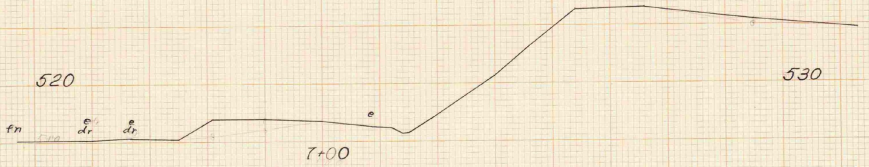
K&E STANDARD © CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.

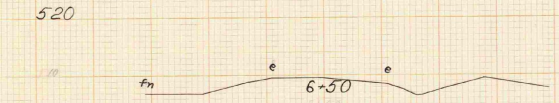












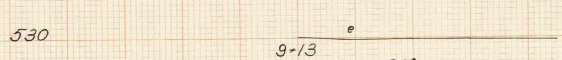


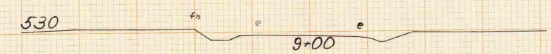








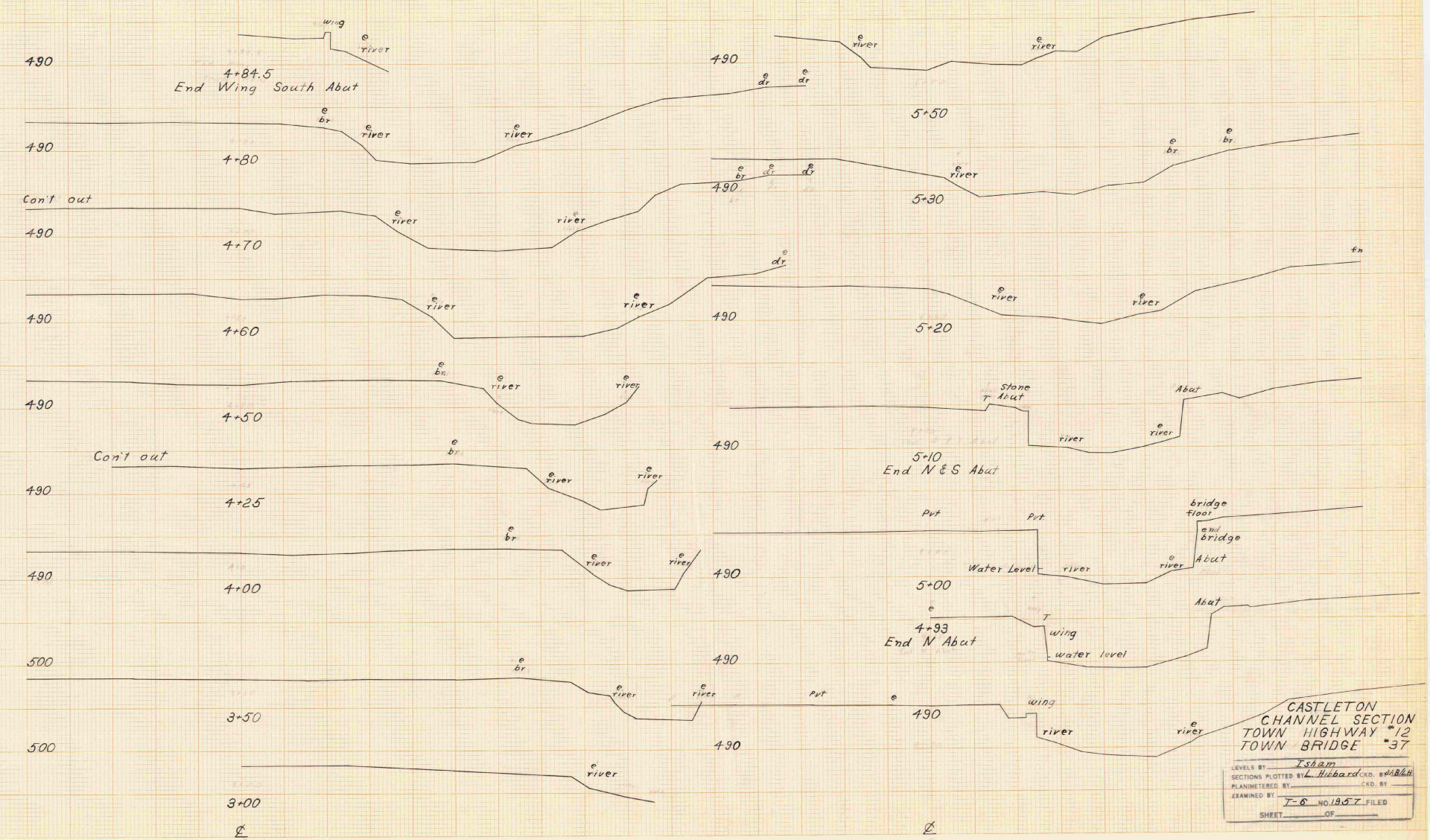




CASTLETON
TOWN HIGHWAY #12
BRIDGE #37

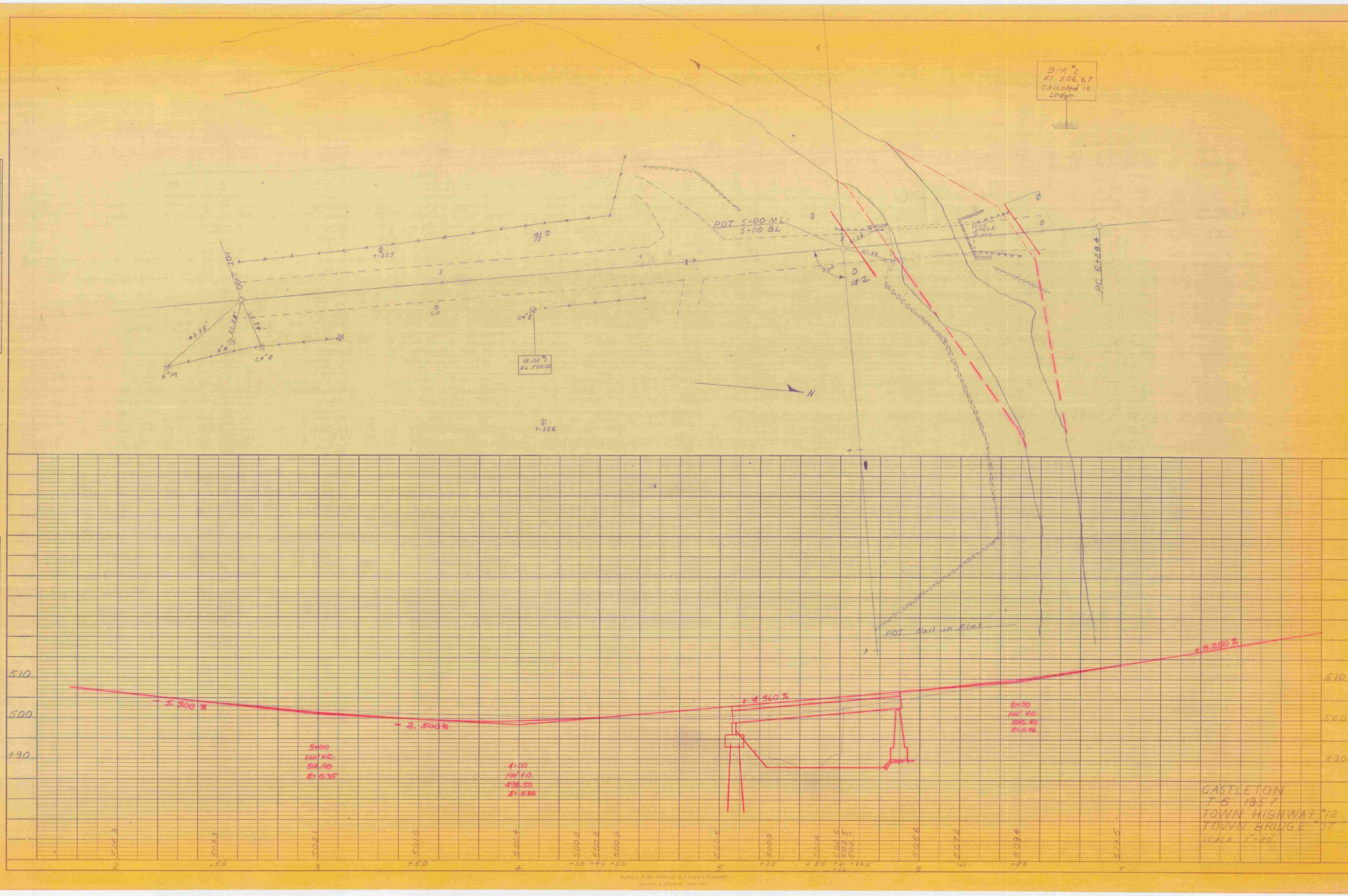
LEVELS BY Isham
SECTIONS PLOTTED BY L. Hibbard CKD. BY [illegible]
PLANIMETERED BY ____ CKD. BY ____
EXAMINED BY F-6 NO. 1957 FILED
SHEET ____ OF ____

KEUFFEL & ESSER CO
MADE IN U.S.A.
K&E STANDARD @ CROSS SECTION
KEUFFEL & ESSER CO
MADE IN U.S.A.
K&E STANDARD @ CROSS SECTION



CASTLETON
CHANNEL SECTION
TOWN HIGHWAY #12
TOWN BRIDGE #37

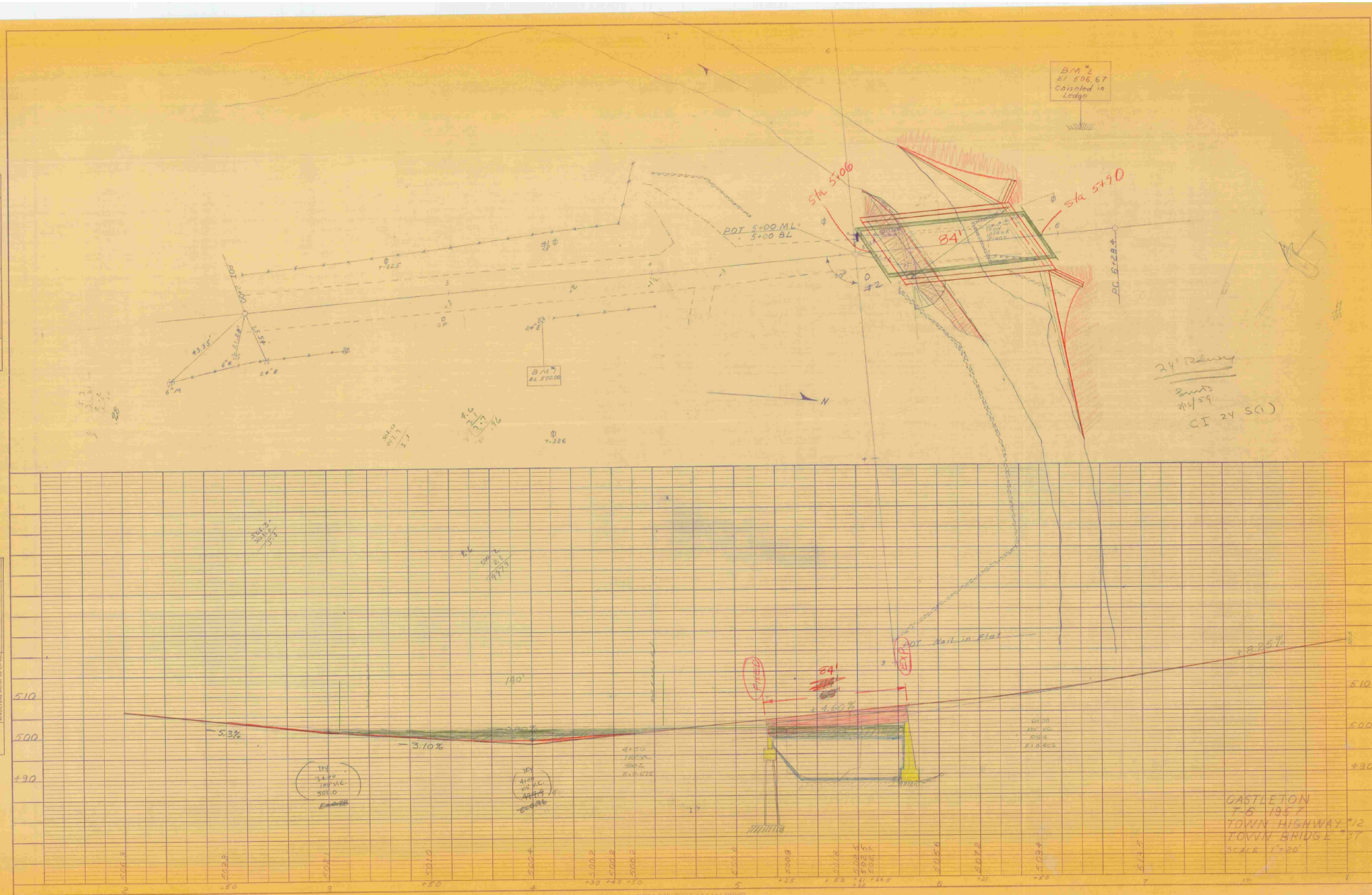
LEVELS BY Isham
SECTIONS PLOTTED BY L. Hibbard CKD. BY JAB/LH
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
T-6 NO. 1957 FILED
SHEET _____ OF _____



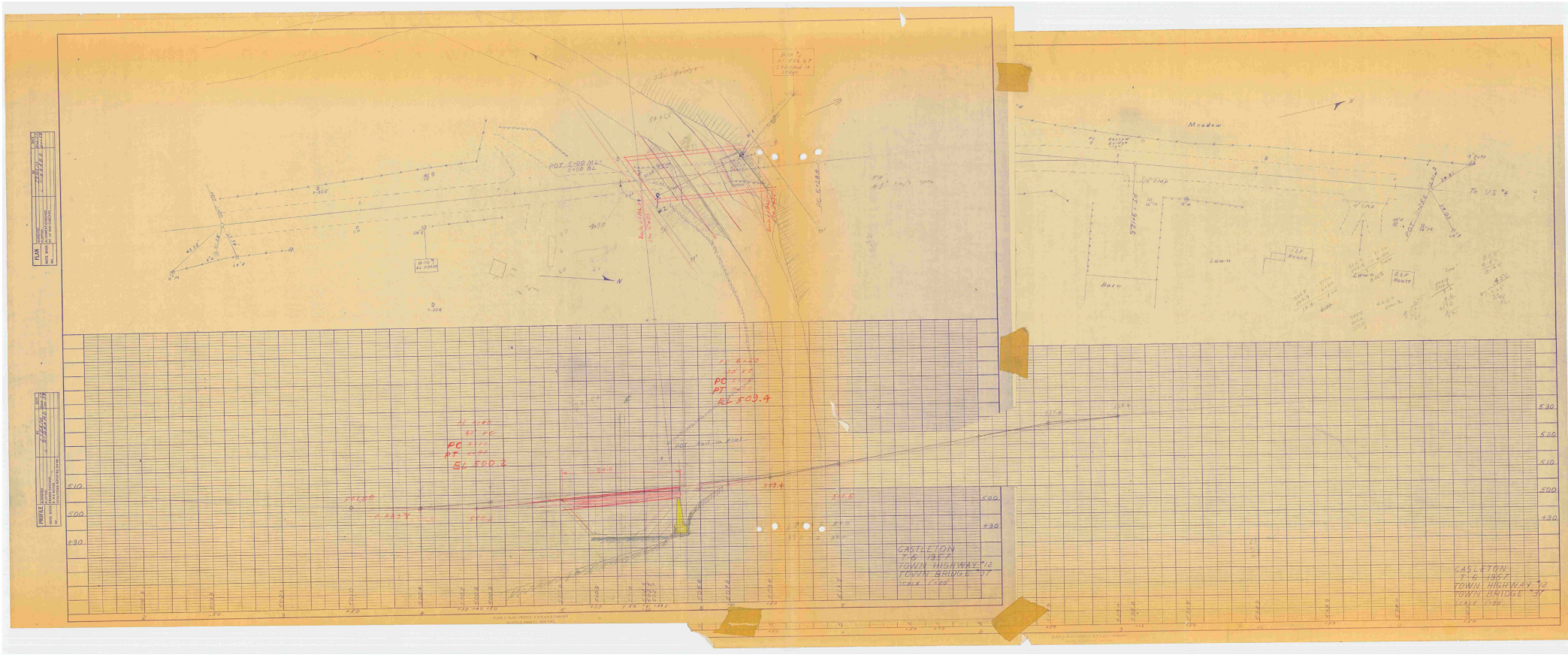
PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B. M.S NOTED
STRUCTURE NOTATIONS CHKD.
NOTE BOOK
NO.
BY
DATE

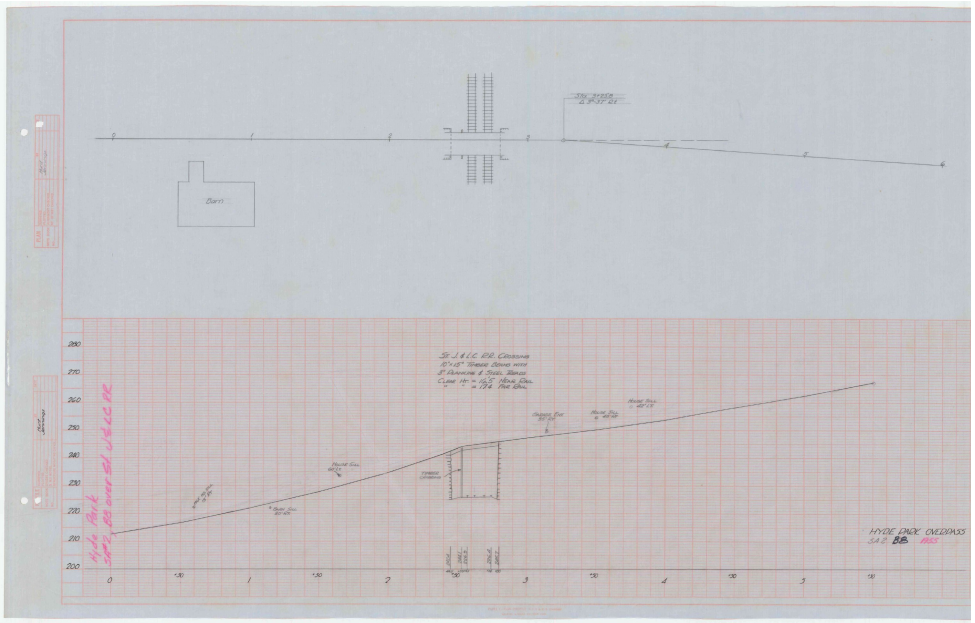
PLATE 3 - PLAN - PROFILE - G. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO. NEW YORK

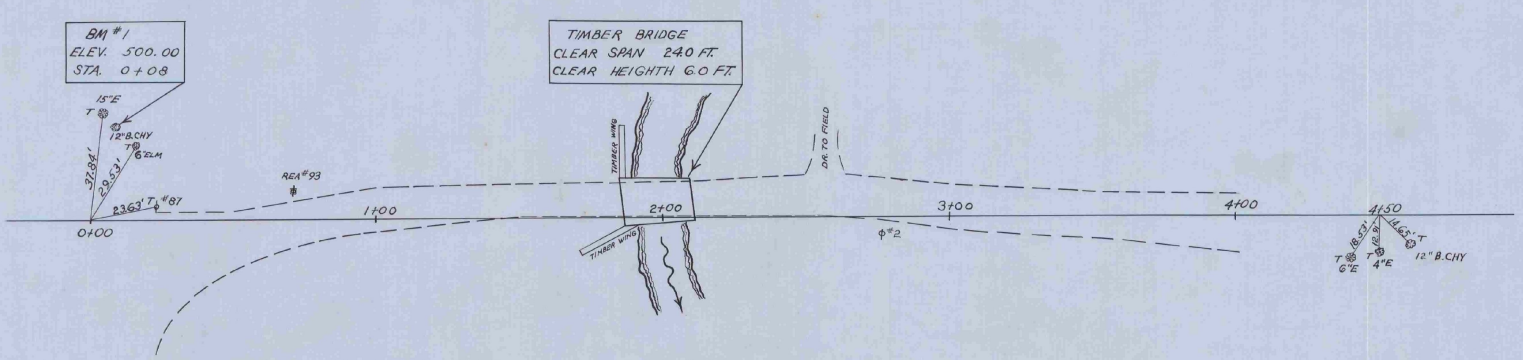


BM #2
El 506.67
Chiseled in Ledge
Sta 5+06
Sta 5+90
POT 5+00 ML = 5+00 BL
84'
PC 6+28.4
BM #1
EL 500.00
24' Railway
CI 24 S(1)
POT Nail in Flat
84'
+4.60%
-5.3%
-3.10%
+8.25%
510
500
490
GASTLETON
T-6 1957
TOWN HIGHWAY #12
TOWN BRIDGE #37
SCALE 1"=20'



PLAN
PROFILE
Meadow
Lawn
Barn
To US #4
EL 509.4
EL 500.2
CASTLETON
T-6 1957
TOWN HIGHWAY #12
TOWN BRIDGE #37
SCALE 1"=20'

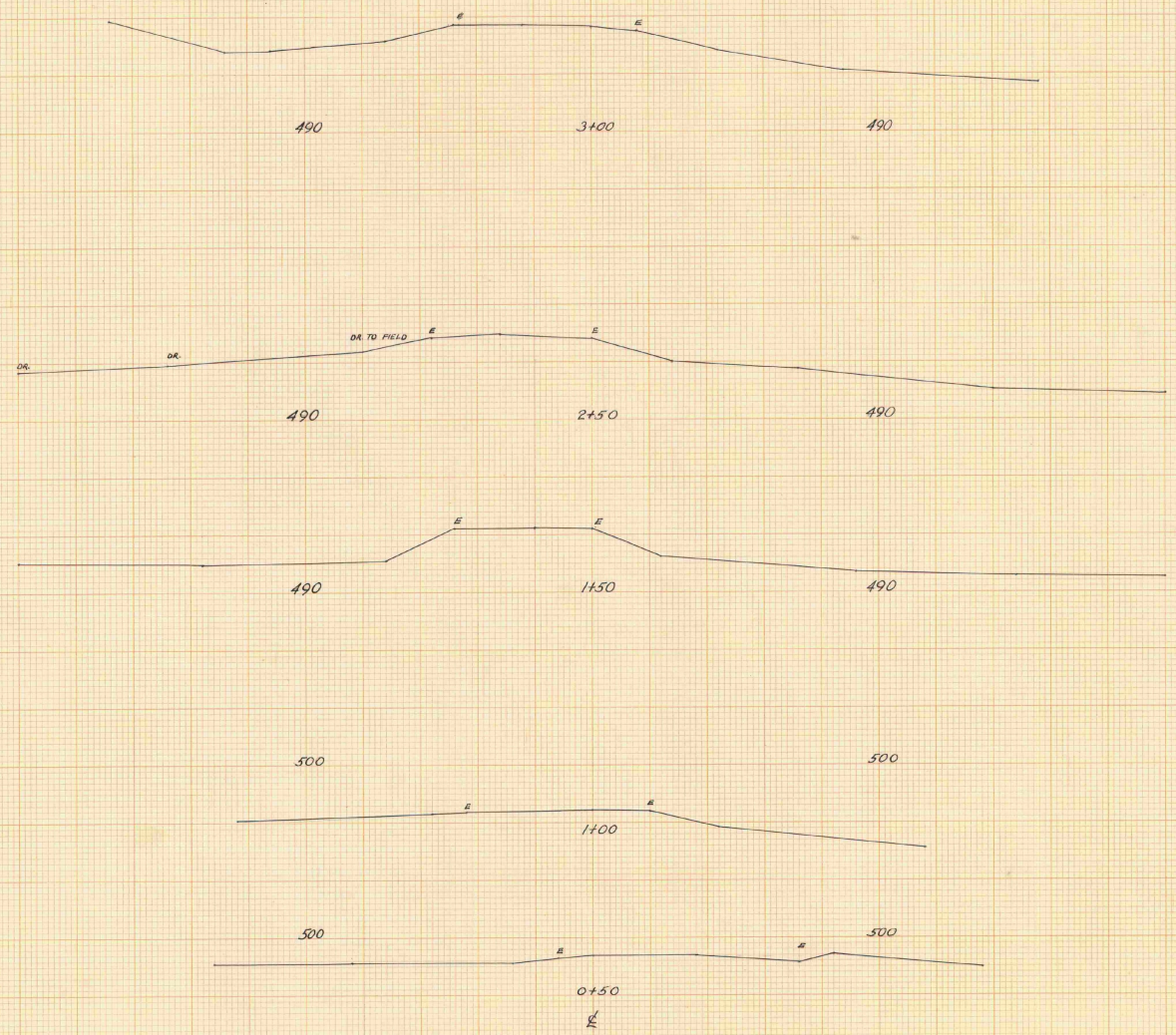

Dam
HYDE PARK OVERPASS





LOWELL
T-4/1955

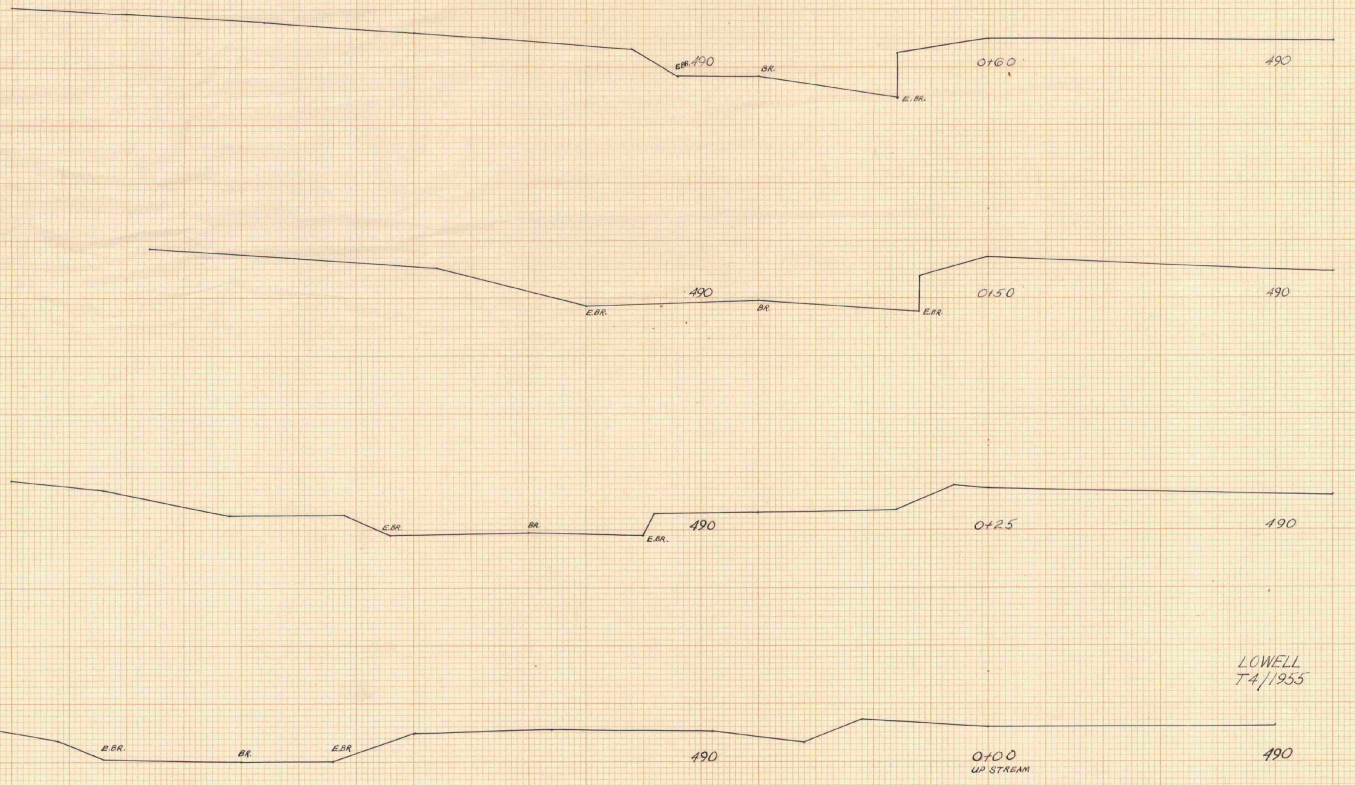
TH #15, BAA over Burgess Branch
Called "Kimptonville" Bridge



ROAD SECTIONS
LOWELL
T4/1955

LEVELS BY JILLSON
SECTIONS PLOTTED BY HLT CKD. BY RNc
PLANIMETERED BY CKD. BY
EXAMINED BY
NO. T4/1955 FILED
SHEET OF

K+E STANDARD CROSS SECTION
KEUFFEL & ESSER CO. MADE IN U.S.A.
K+E STANDARD CROSS SECTION
KEUFFEL & ESSER CO. MADE IN U.S.A.



LOWELL
T4//1955

CHANNEL SECTIONS

LEVELS BY JILLSON
SECTIONS PLOTTED BY HET CKD. BY DMc
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
NO. T4/1955 FILED
SHEET _____ OF _____

℄

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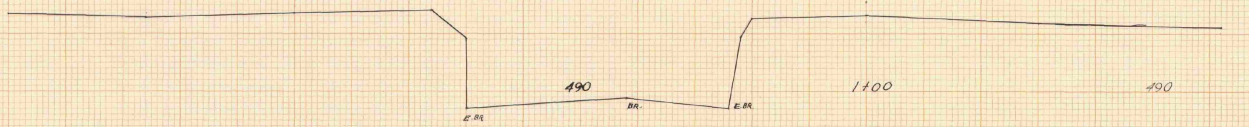
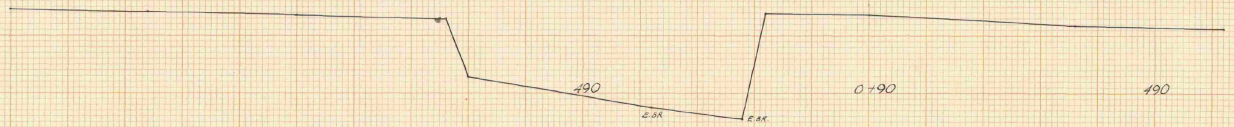
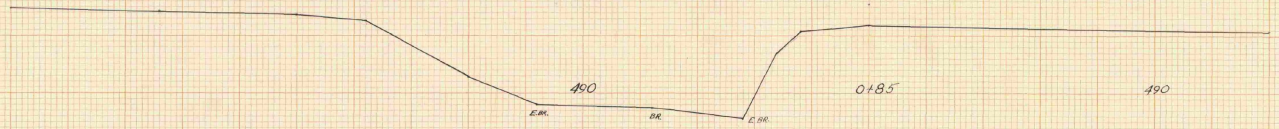
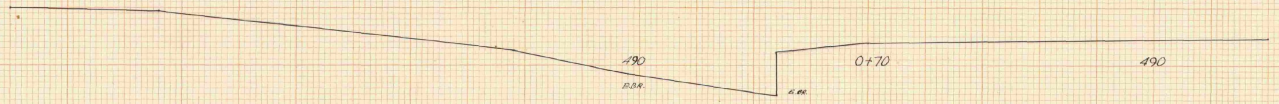
STANDARD © CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.
STANDARD © CROSS SECTION









LOWELL
T4/1955

CHANNEL SECTIONS

LEVELS BY JACKSON
SECTIONS PLOTTED BY HET CKD. BY: J.P.C.
PLANIMETERED BY _____ CKD. BY: _____
EXAMINED BY _____
NO 754/955 FILED
SHEET _____ OF _____

KEUFFEL & ESSER CO
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K&E STANDARD © CROSS SECTION
KEUFFEL & ESSER CO
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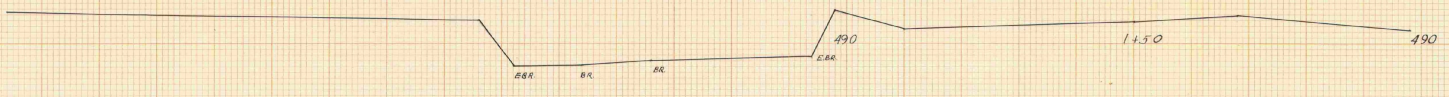
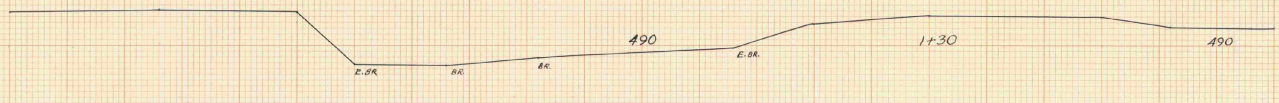
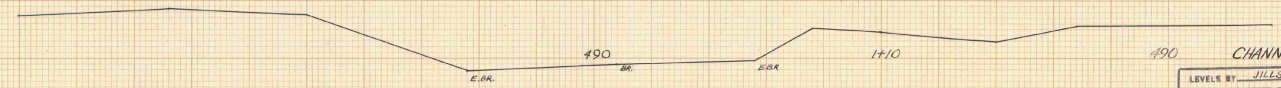
K&E STANDARD © CROSS SECTION







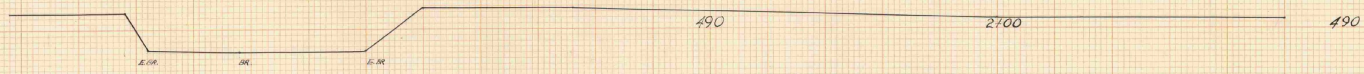


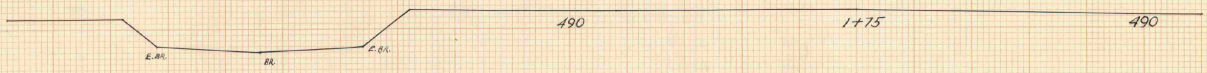
LOWELL
T4/1955

490 CHANNEL SECTIONS

LEVELS BY JILLSON
SECTIONS PLOTTED BY HLT CKD. BY PHC
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
NO. T4/1955 FILED
SHEET _____ OF _____

KEUFFEL & ESSER CO. MADE IN U.S.A.
K&E STANDARD @ CROSS SECTION RULED TO THE INCH
KEUFFEL & ESSER CO. MADE IN U.S.A.
K&E STANDARD @ CROSS SECTION RULED TO THE INCH





LOWELL
T4/1955

CHANNEL SECTIONS

LEVELS BY JILESON
SECTIONS PLOTTED BY RLT CKD. BY DMK
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
NO. T4/255 FILED
SHEET _____ OF _____

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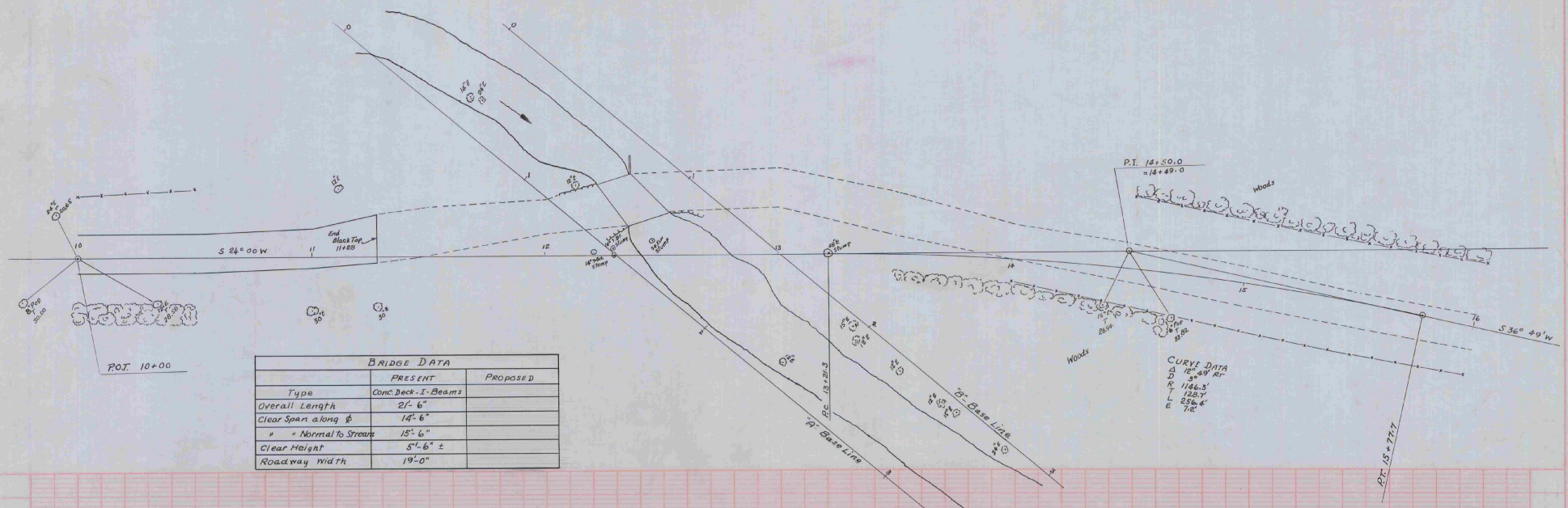
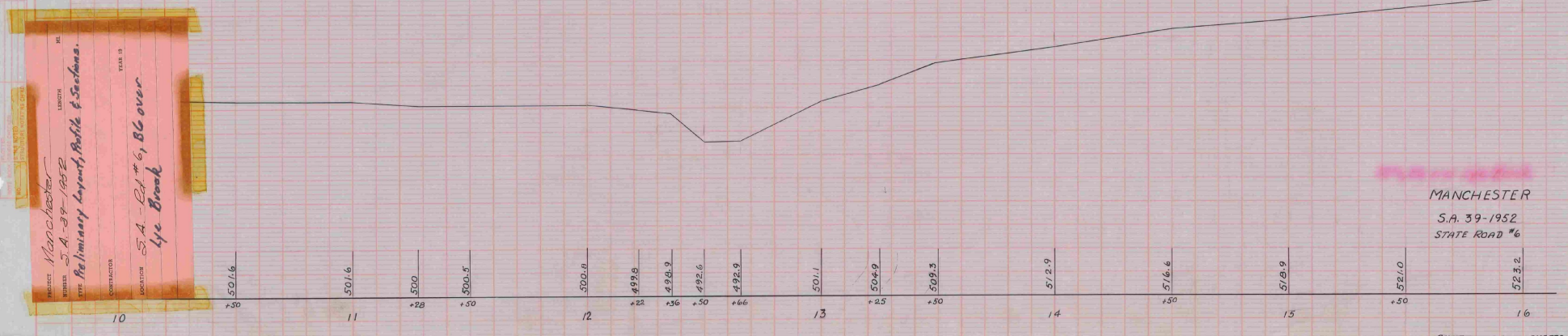


BRIDGE DATA		
	PRESENT	PROPOSED
Type	Conc. Deck-I-Beams	
Overall Length	21'-6"	
Clear Span along ℄	14'-6"	
" " Normal to Stream	15'-6"	
Clear Height	5'-6" ±	
Roadway Width	19'-0"	

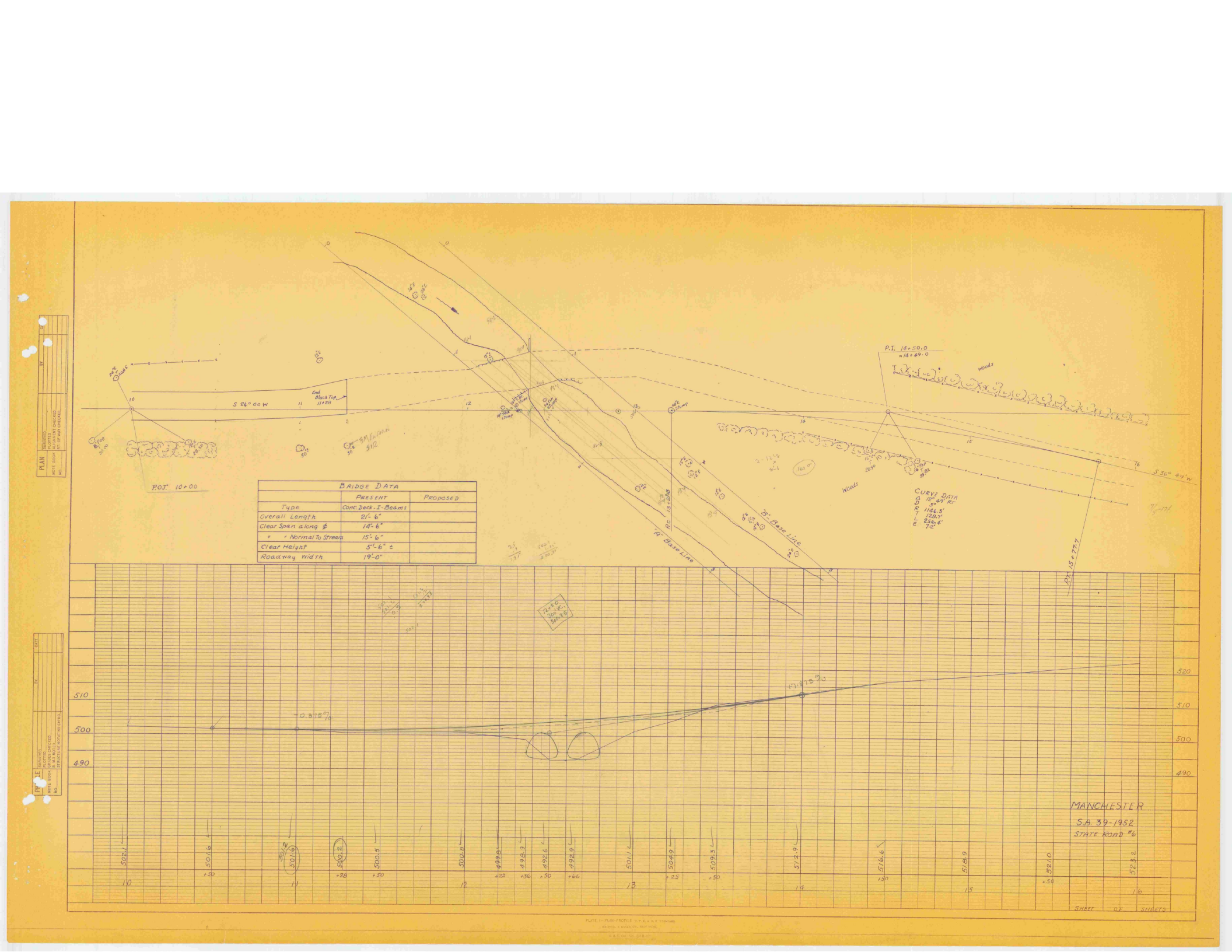


PROJECT Manchester LENGTH
NUMBER S.A. 39-1952
TYPE Preliminary Layout, Profile & Sections.
CONTRACTOR YEAR 19
LOCATION S.A. - Rt. #6, BG over Lye Brook

MANCHESTER
S.A. 39-1952
STATE ROAD #6

SHEET OF SHEETS

A 16'x10' CBMP/PA was constructed on this site in 1956



BRIDGE DATA		
	PRESENT	PROPOSED
Type	Conc. Deck-I-Beams	
Overall Length	21'-6"	
Clear Span along ℄	14'-6"	
" " Normal To Stream	15'-6"	
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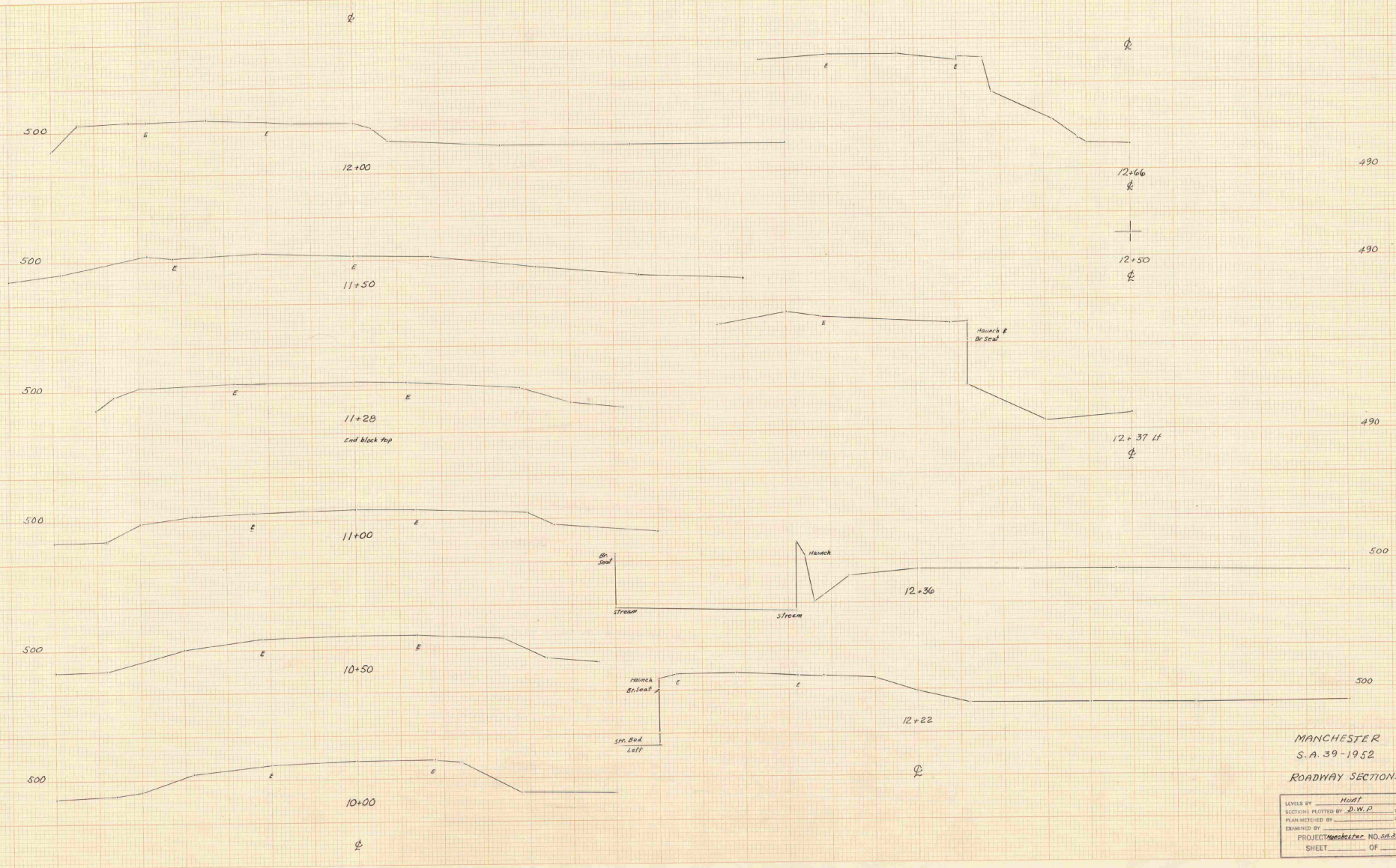
Roadway Width	19'-0"	



MANCHESTER

S.A. 39-1952

ROADWAY SECTIONS

LEVELS BY Hunt

SECTIONS PLOTTED BY D.W.P CKD. BY A.B.M

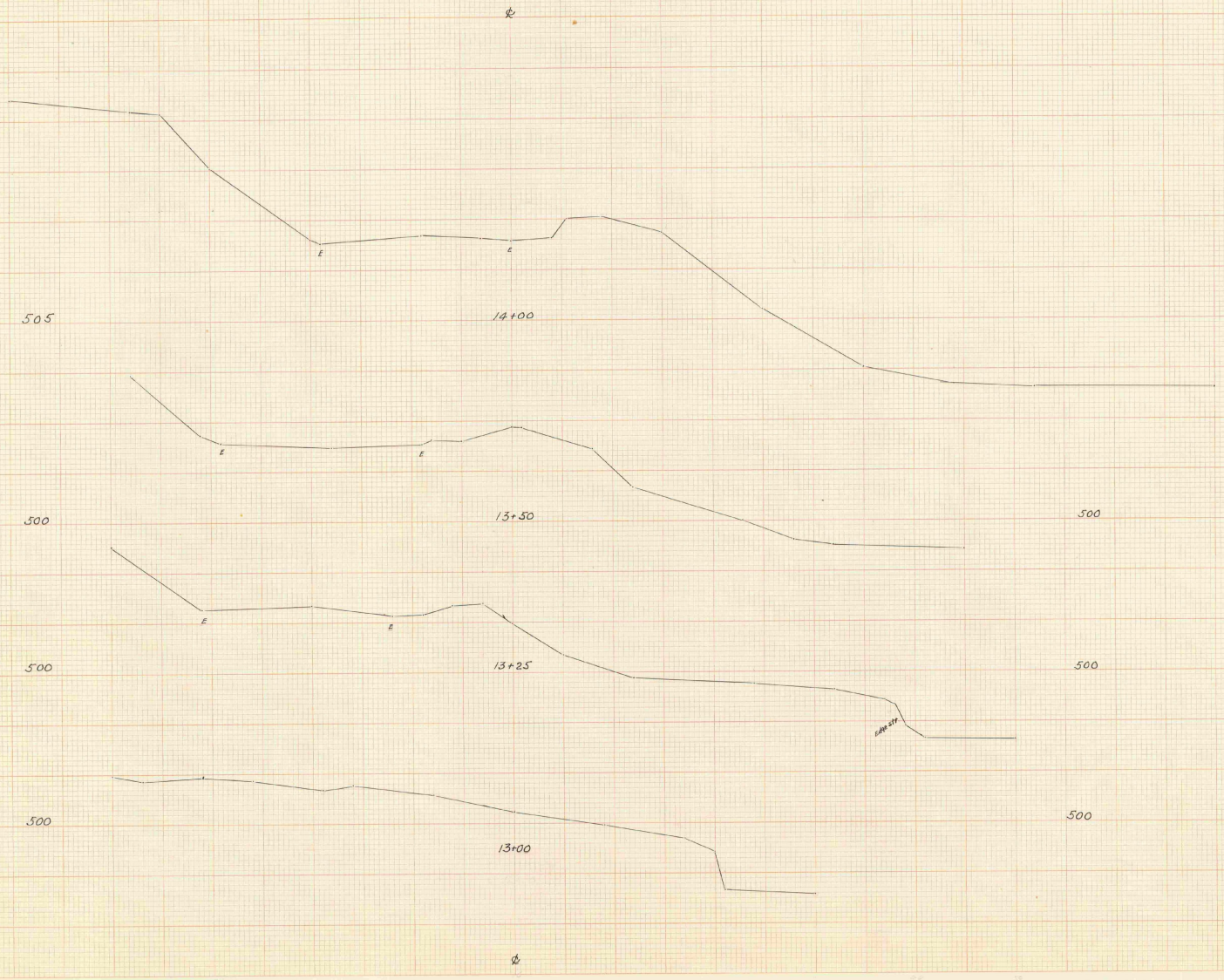
PLANIMETERED BY _____ CKD. BY _____

EXAMINED BY _____

PROJECT Manchester NO. SA.39-1952 FILED

SHEET _____ OF _____

K&E STANDARD ® CROSS SECTION
KEUFFEL & ESSER CO
MADE IN U.S.A.



MANCHESTER

S.A. 39-1952

ROADWAY SECTIONS

LEVELS BY Hunt

SECTIONS PLOTTED BY J.D.W.P CKD. BY R.B.M.

PLANIMETERED BY _____ CKD. BY _____

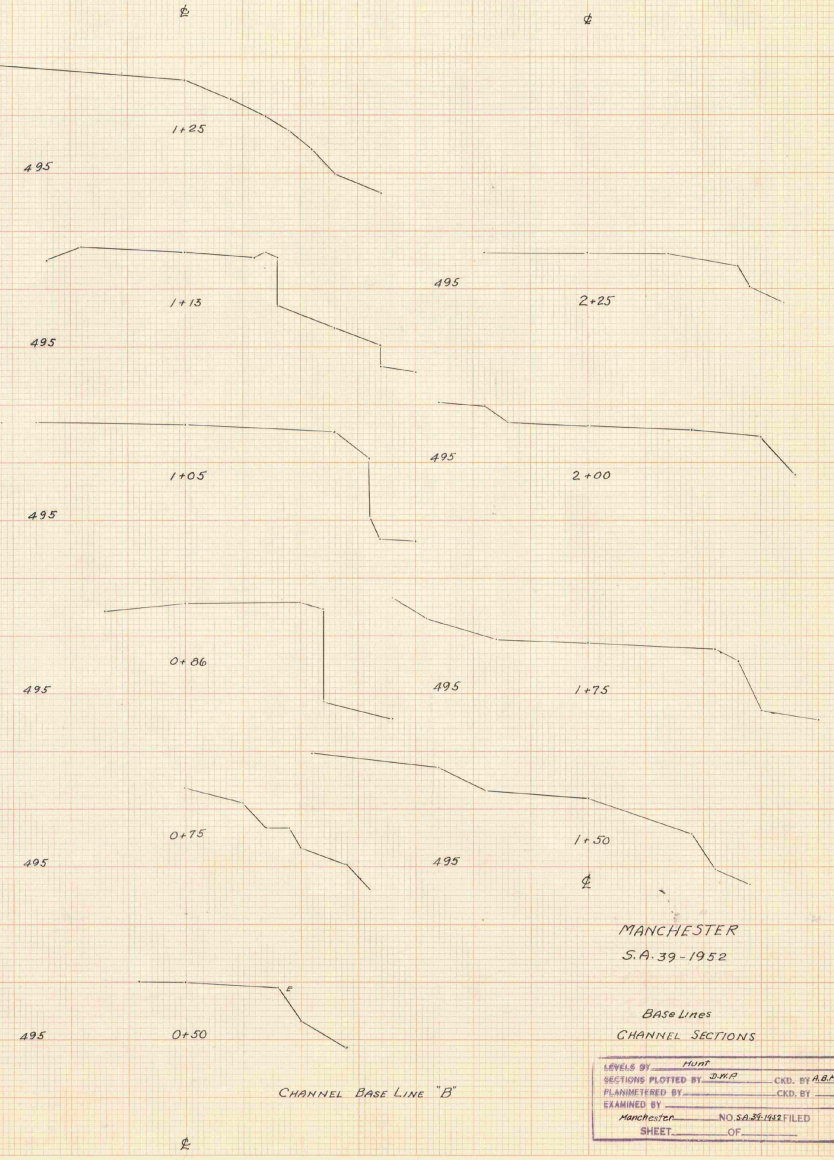
EXAMINED BY _____

Manchester NO S.A. 39-1952 FILED

SHEET _____ OF _____

K&E STANDARD ⊕ CROSS SECTION
KEUFFEL & ESSER CO
MADE IN U.S.A.





MANCHESTER
S.A. 39-1952

Base Lines
CHANNEL SECTIONS

LEVELS BY Hunt
SECTIONS PLOTTED BY D.M.P. CKD. BY A.B.M.
PLANIMETERED BY ____ CKD. BY ____
EXAMINED BY ____
Manchester NO. S.A. 39-1952 FILED
SHEET ____ OF ____

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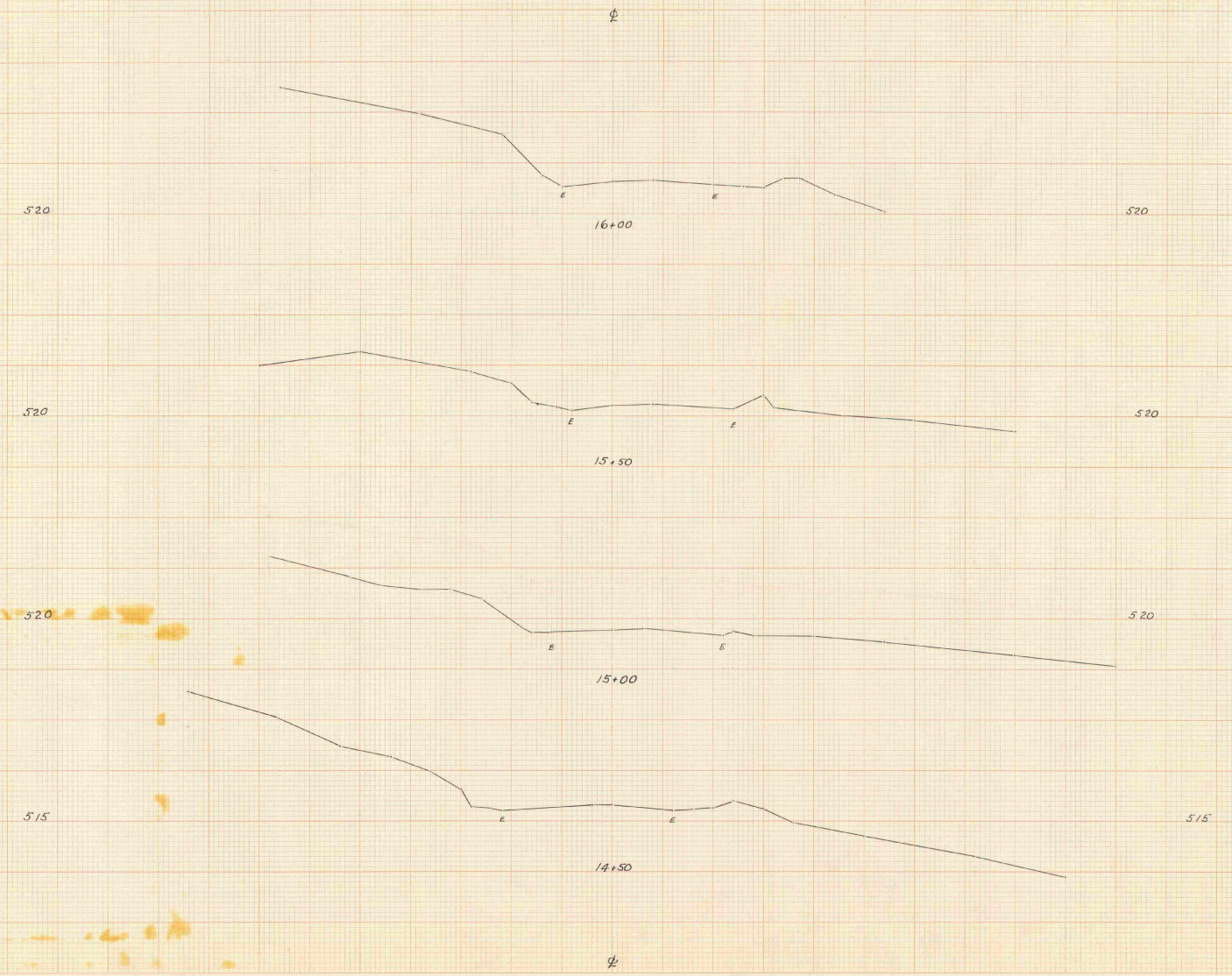

MANCHESTER
S.A. 39-1952
ROADWAY SECTIONS

LEVELS BY Hunt
SECTIONS PLOTTED BY O.W.P. CKD. BY A.B.M.
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
Manchester NO. S.A. 39-1952 FILED
SHEET _____ OF _____

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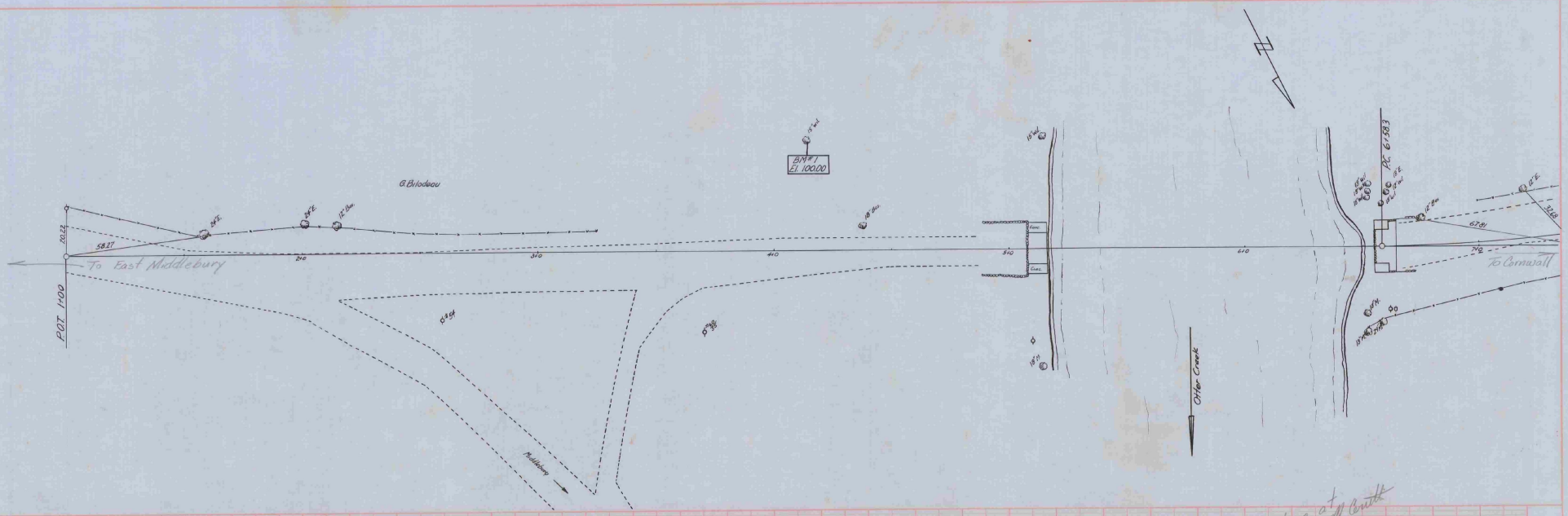
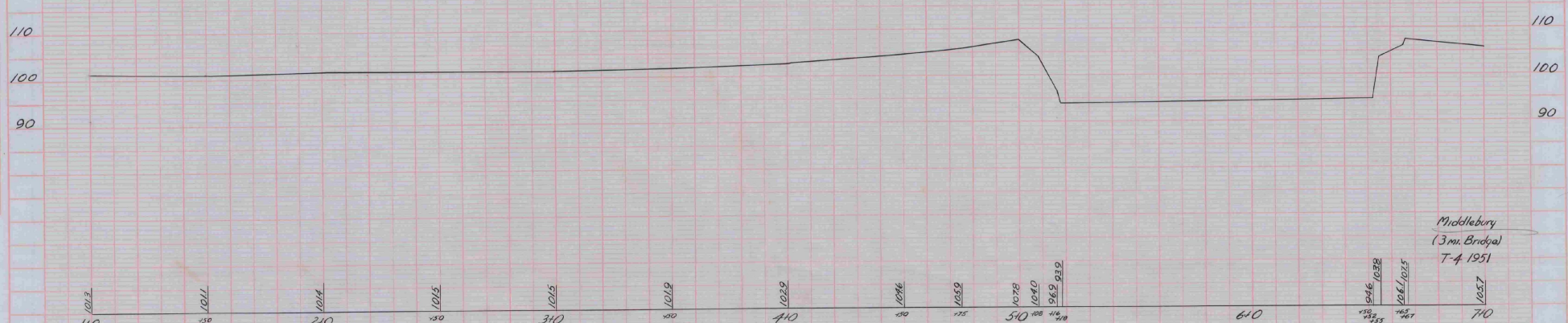
MADE IN U.S.A.
K&E STANDARD GRID SECTION
KEUFFEL & ESSER CO
MADE IN U.S.A.
K&E STANDARD GRID SECTION

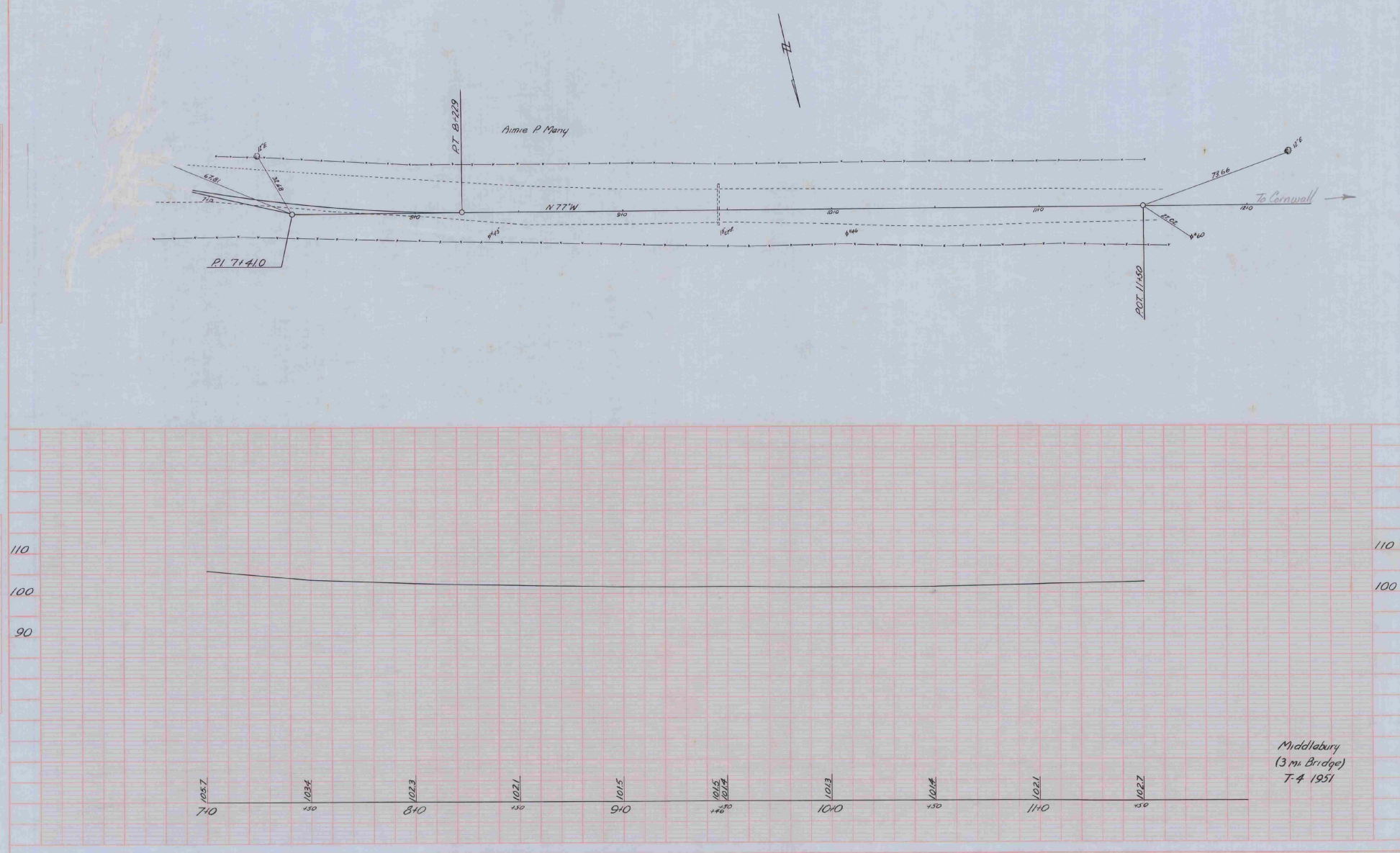


There is no structure at this location 1-13-72 M. Cahill

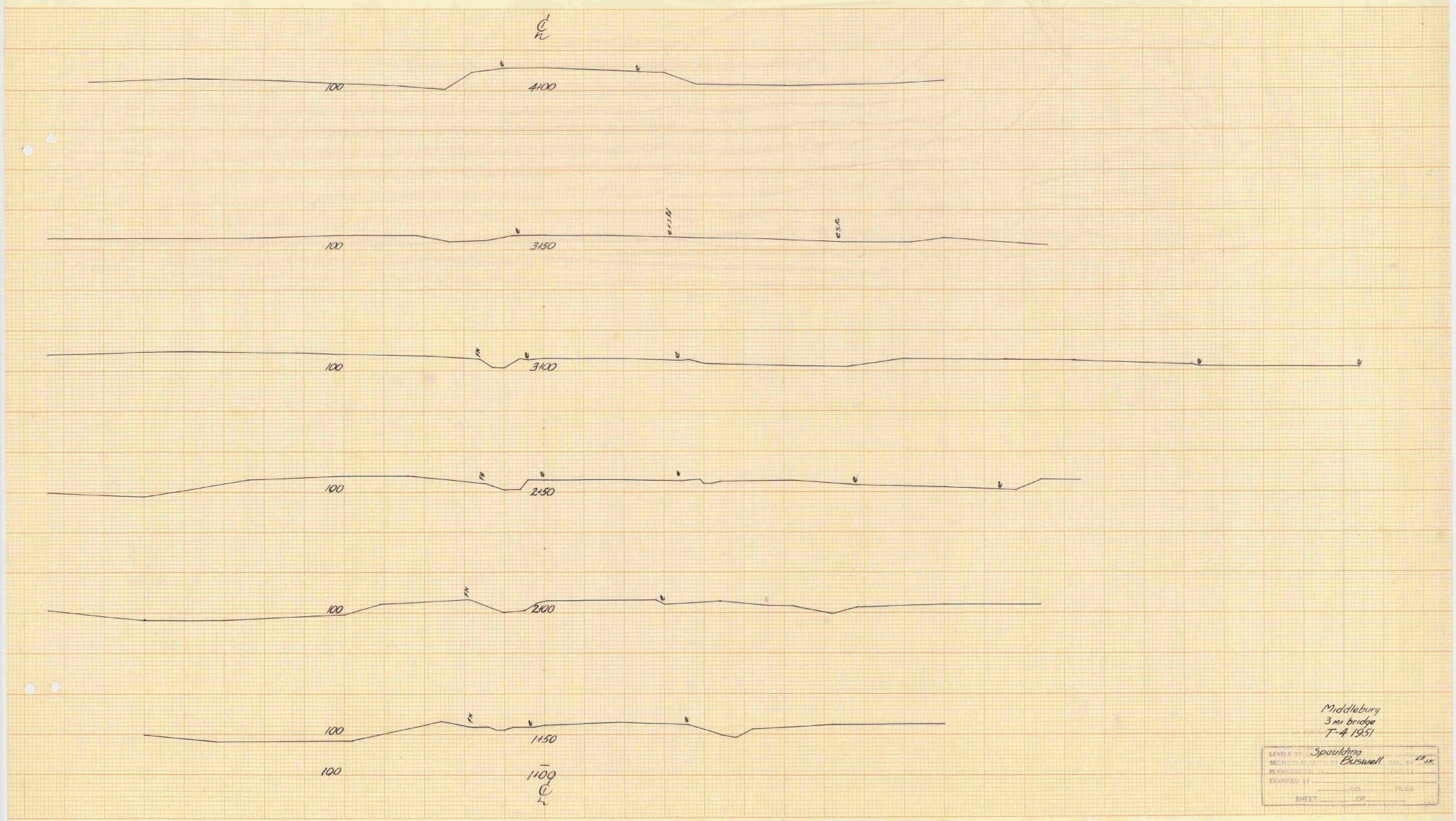


Middlebury
(3 mi. Bridge)
T-4 1951

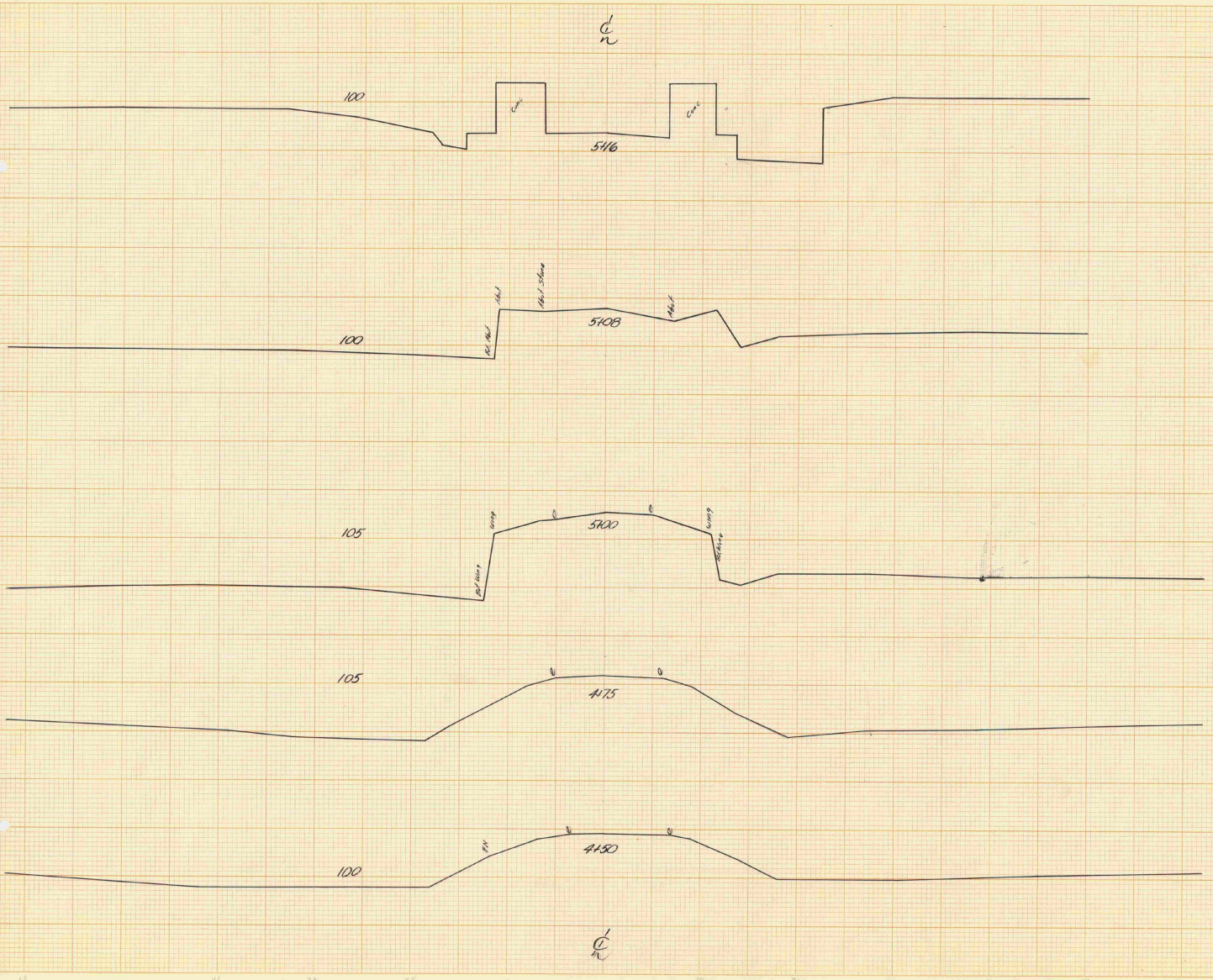
TH #31, B over Otter Creek



Aimie P. Many
P.T. 8+22.9
N 77°W
P.I. 7+41.0
P.O.T. 11+50
To Cornwall
67.81
32.68
73.66
27.02
12°E
8+0
9+0
10+0
11+0
12+0
110
100
90
105.7
103.4
102.3
102.1
101.5
101.5
101.4
101.3
101.4
102.1
102.7
7+0
+50
8+0
+50
9+0
+46
+50
10+0
+50
11+0
+50
Middlebury
(3 mi. Bridge)
T-4 1951



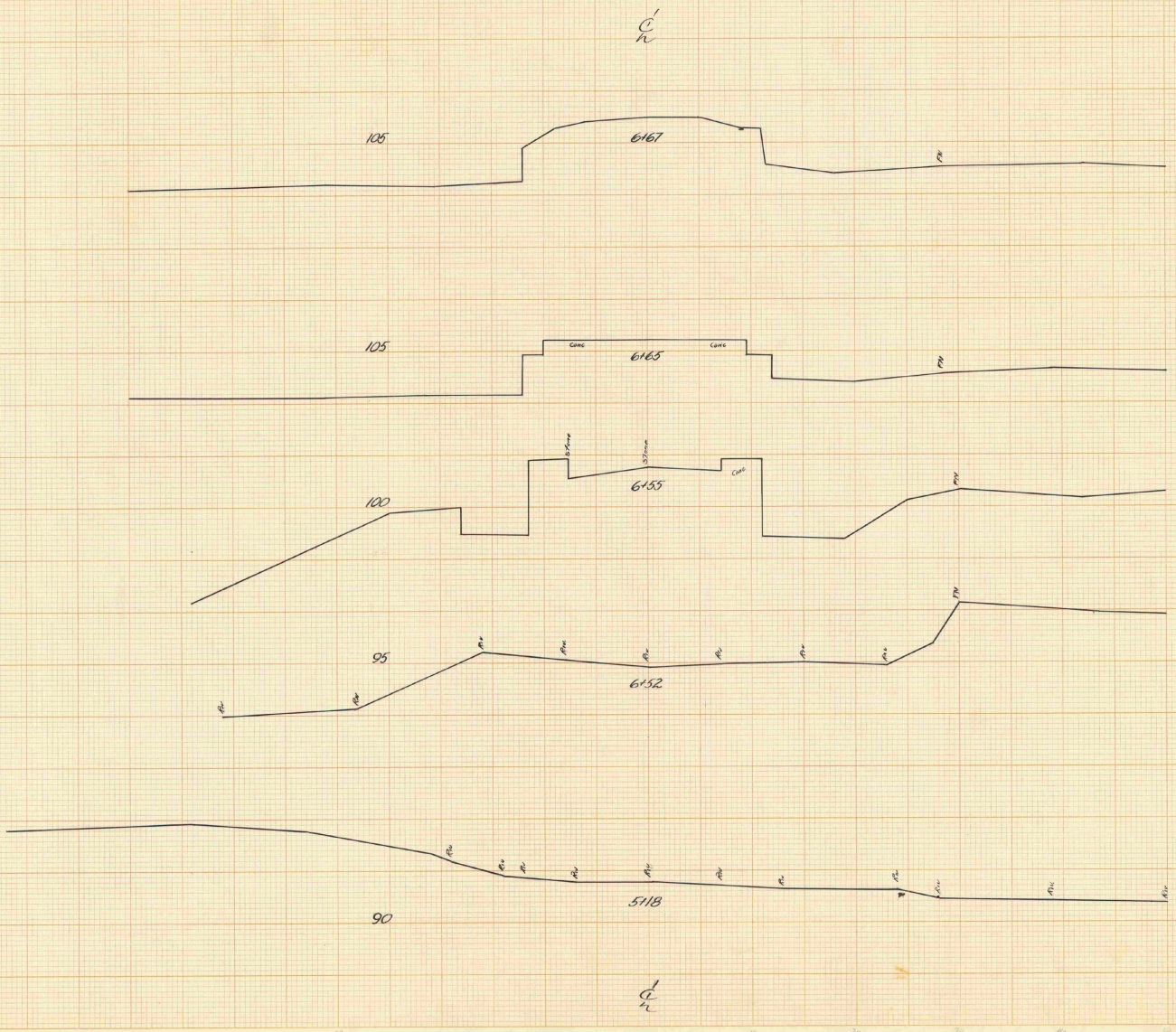
100
4+00
100
3+50
100
3+00
100
2+50
100
2+00
100
1+50
100
1+00
Middlebury
3 mi bridge
T-4 1951
LEVELS BY Spaulding
SECTIONS PLOTTED BY Buswell
CKD. BY EB JK
PLANIMETERED BY
CKD. BY
EXAMINED BY
NO.
FILED
SHEET
OF
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.



Middlebury
3 mi bridge
T-4 1951

LEVELS BY Spaulding
SECTIONS PLOTTED BY Buswell CKD. BY FB JK
PLANIMETERED BY CKD. BY
EXAMINED BY
NO. FILED
SHEET OF

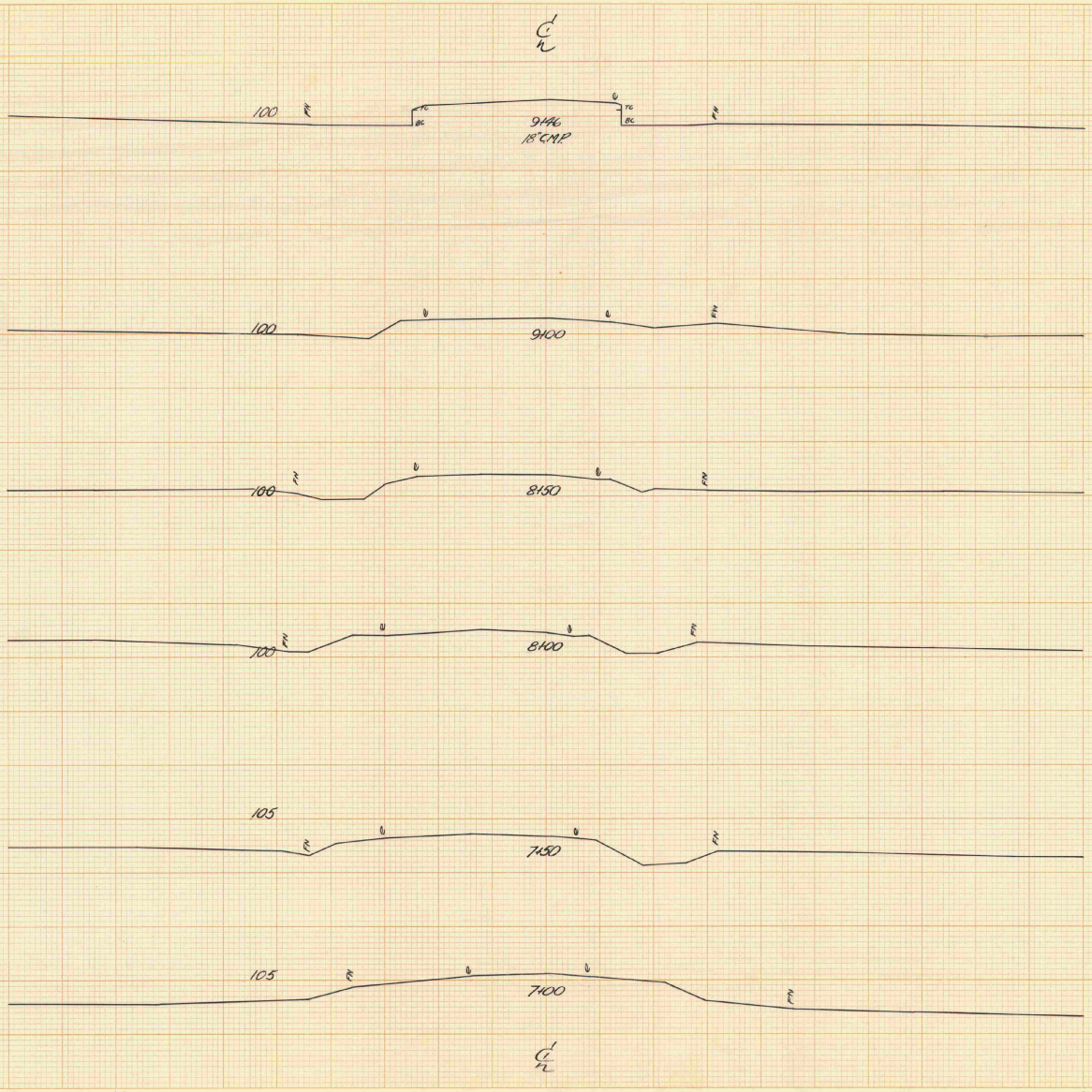
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.



Middleburg
3 mi Bridge
F-4 1951

LEVELS BY Spaulding
SECTIONS PLOTTED BY Buswell CKD. BY
PLANIMETERED BY CKD. BY
EXAMINED BY
SHEET NO. FILED
OF

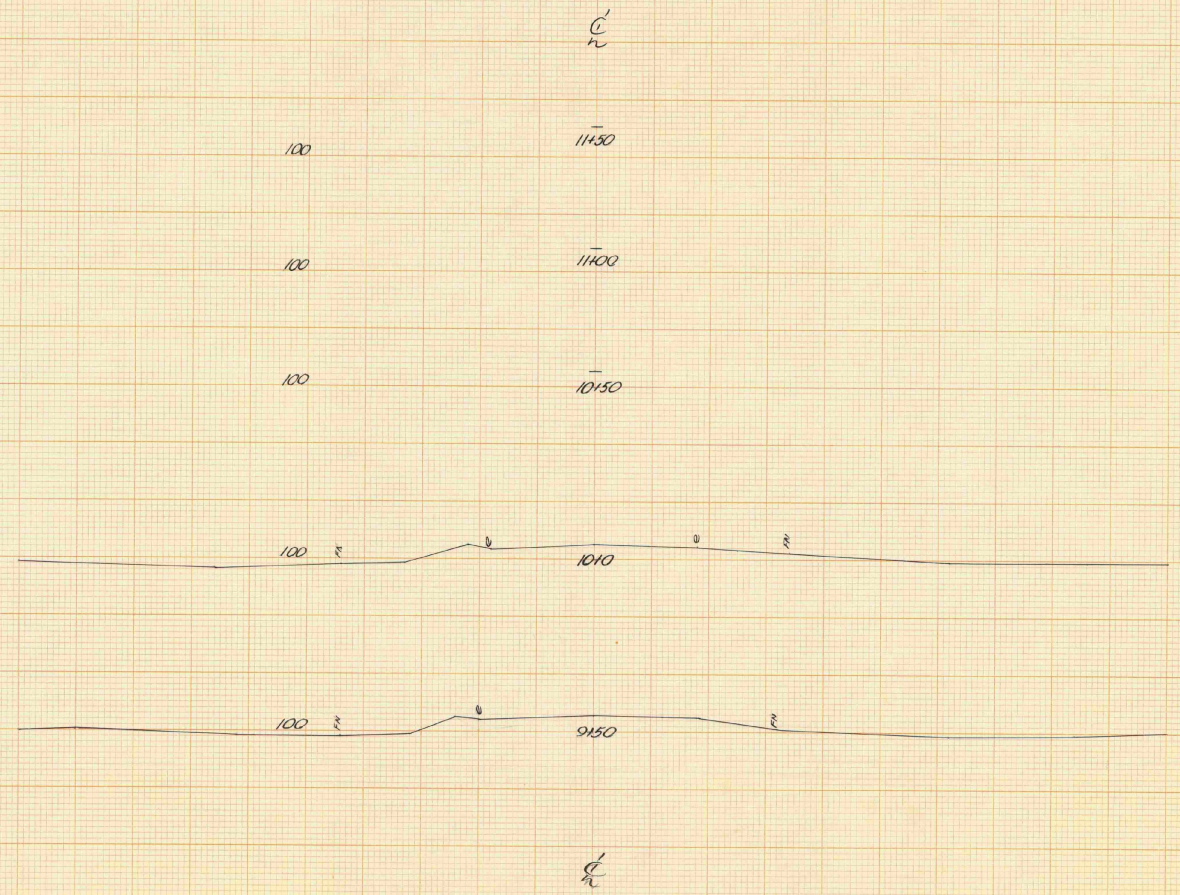
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10



Middlebury
3 mi bridge
T-4 1951

LEVELS BY Spaulding
SECTIONS PLOTTED BY Buswell CND. BY JK
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
_____ NO. _____ FILED
SHEET _____ OF _____

CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10
PRINTED IN U.S.A.

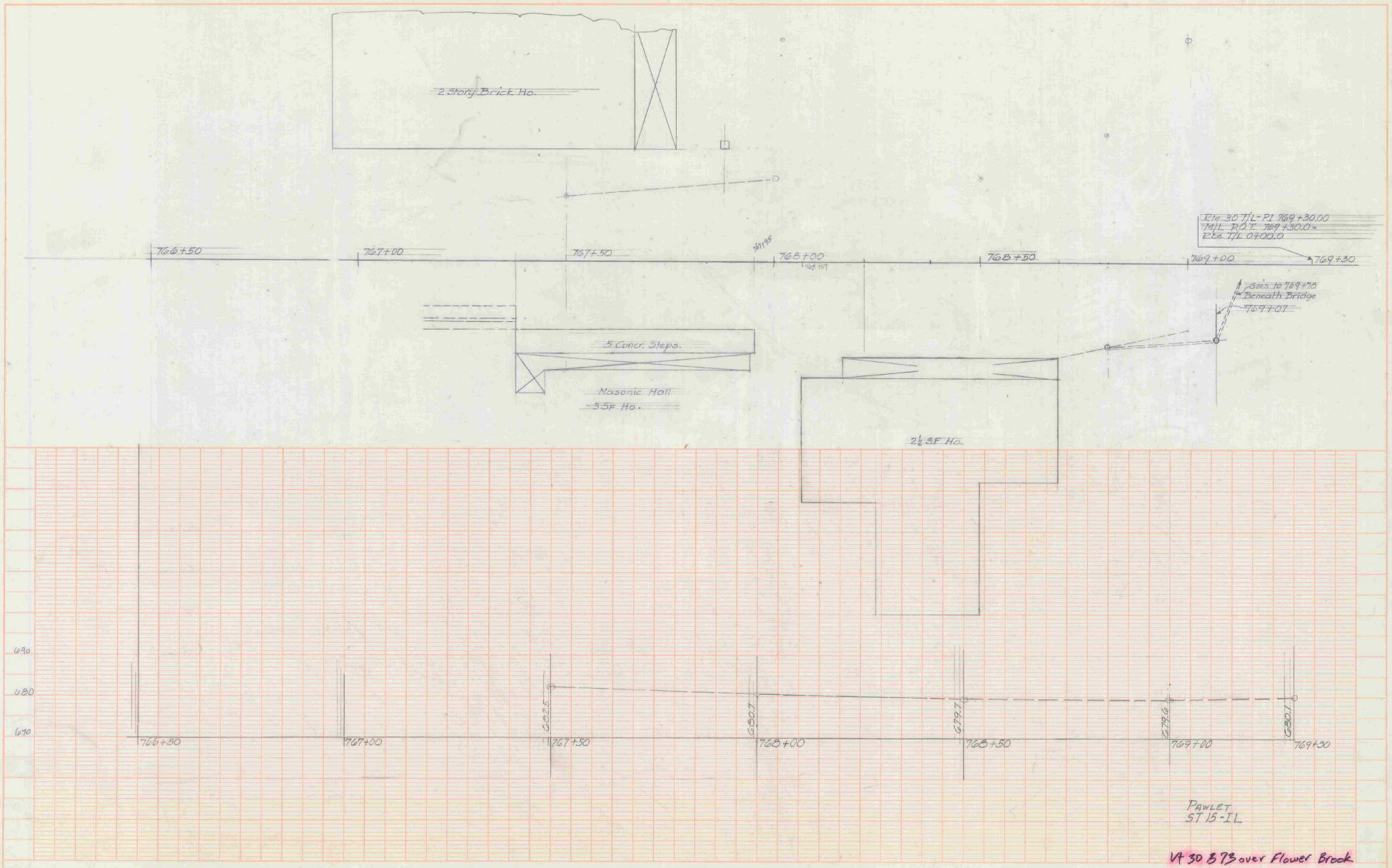


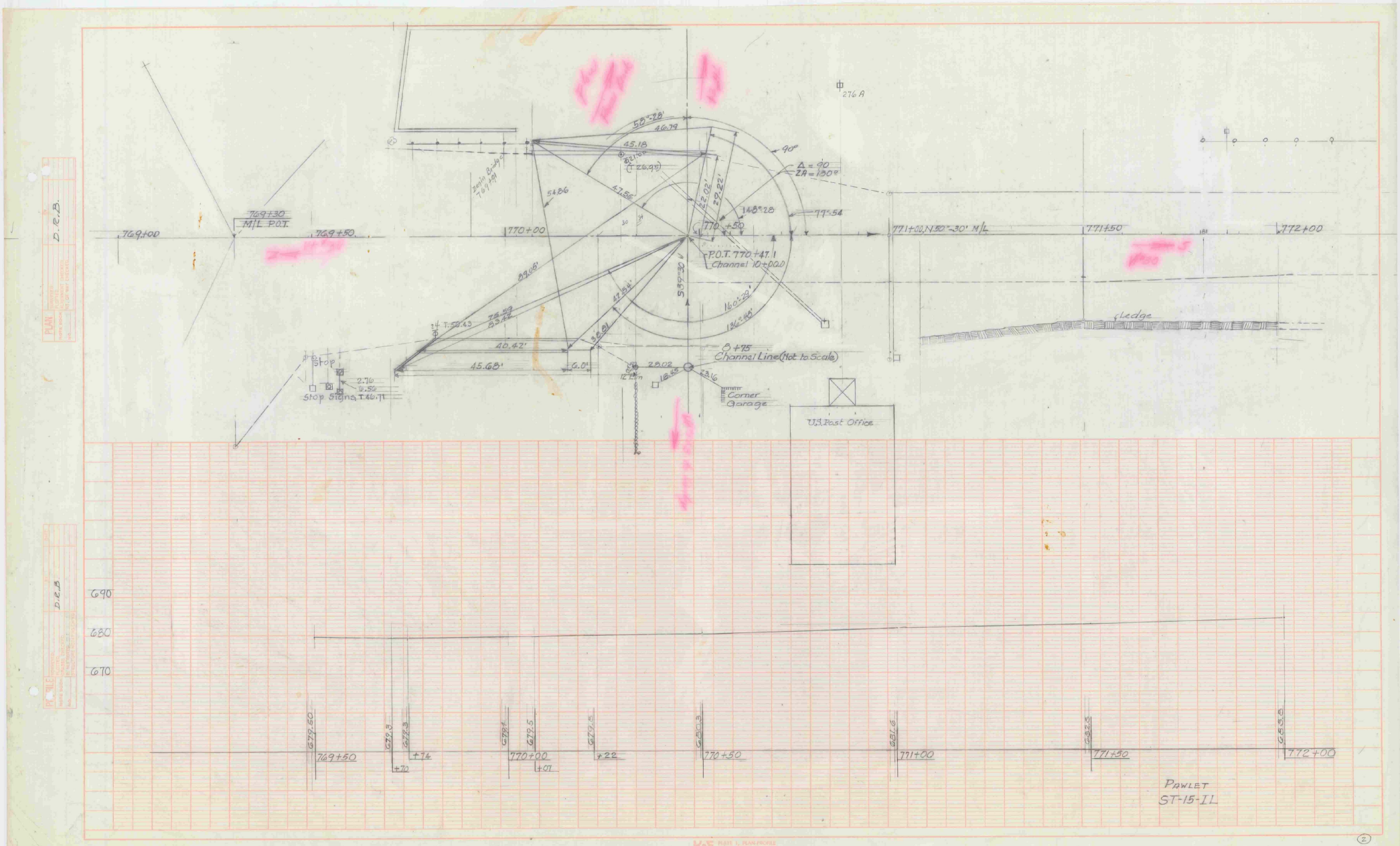
Middlebury
3 mi bridge
7-4 1951

LEVELS BY Spaulding
SECTIONS PLOTTED BY Boswell CKD. BY
PLANIMETERED BY CKD. BY
EXAMINED BY
NO. FILED
SHEET OF

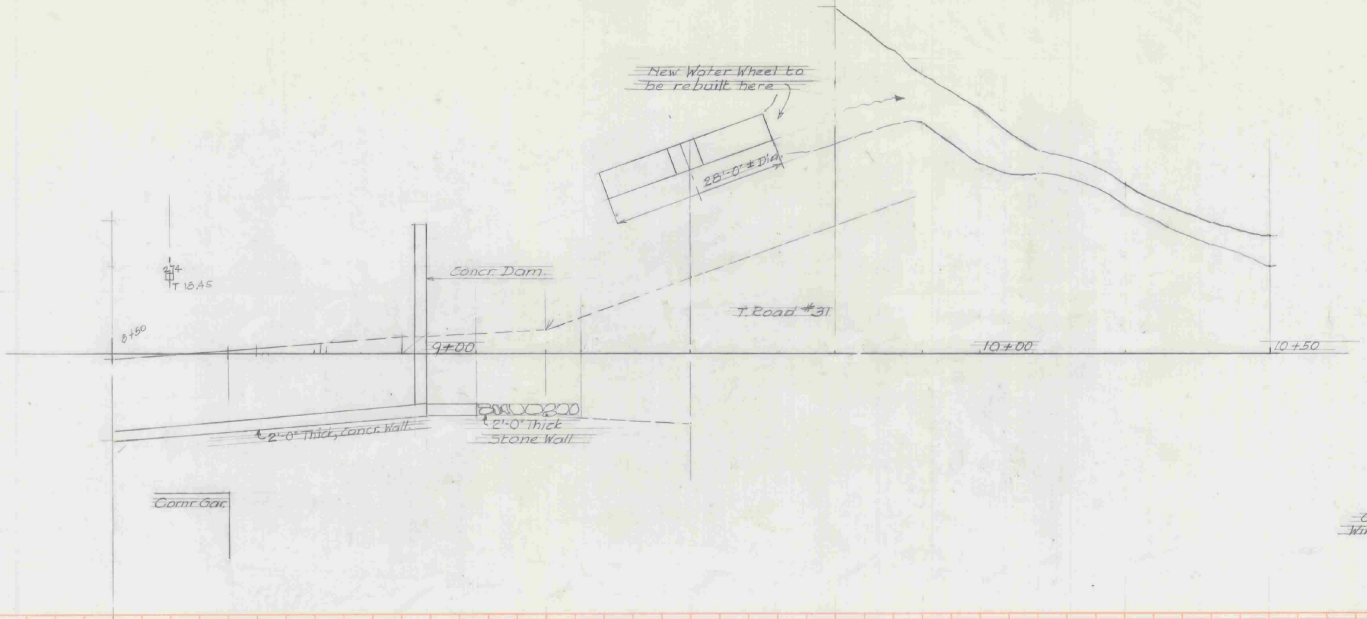
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10

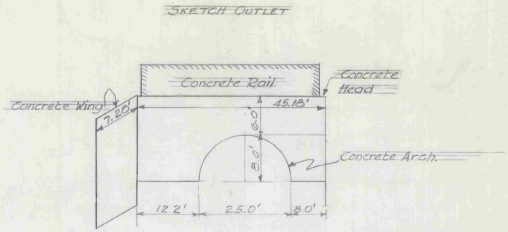
CHARLES BRUNING COMPANY
CROSS SECTION 10 x 10

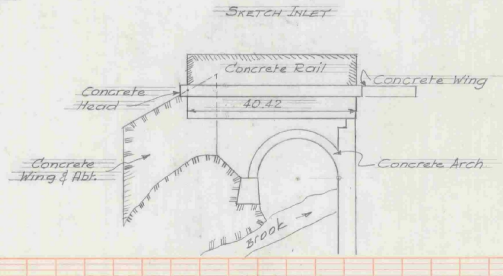

2 Story Brick Ho.
Rte 30 T/L-PI 769+30.00
M/L P.O.T. 769+30.0 =
Rte T/L 0+00.0
766+50
767+00
767+50
768+00
768+50
769+00
769+30
Goes to 769+78
Beneath Bridge
769+07
5 Concr. Steps.
Masonic Hall
3 SF Ho.
2½ SF Ho.
690
680
670
682.5
680.7
679.7
679.6
680.1
PAWLET
ST 15-IL
Vt 30 B 73 over Flower Brook

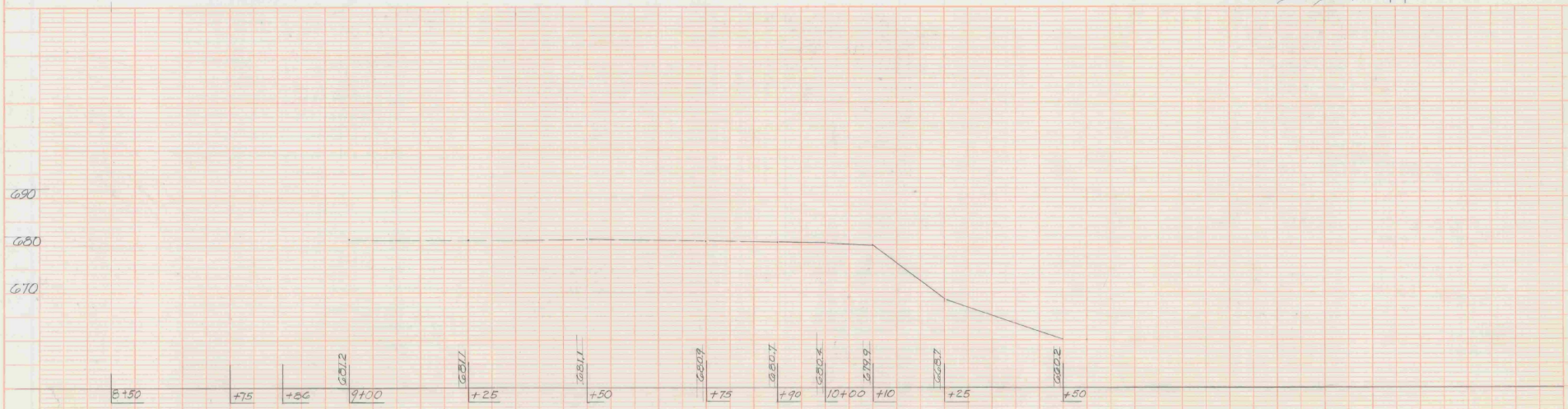


D.R.B.
PLAN
PROFILE
769+00
769+30
M/L P.O.T.
769+50
770+00
770+50
771+00, N50°-30' M/L
771+50
772+00
276 A
58°-28'
46.79
45.18
90°
Δ = 90
2A = 180°
148°28
77°54
54.86
47.56
22.02'
29.22'
P.O.T. 770+47.1
Channel 10+00.0
S39°30'
89.05'
47.54'
160°29'
136°48'
75.59
83.42
40.42'
45.68'
6.0'
38.81
8+75
Channel Line (Not to Scale)
28.02
18.45
23.16
12" Elm
Corner Garage
Stop
2.76
6.56
Stop Signs, T46.71
Ledge
U.S. Post Office
690
680
670
679.50
679.3
679.3
+74
+70
679.4
679.5
+07
679.5
+22
680.3
681.6
682.5
683.8
PAWLET
ST-15-IL



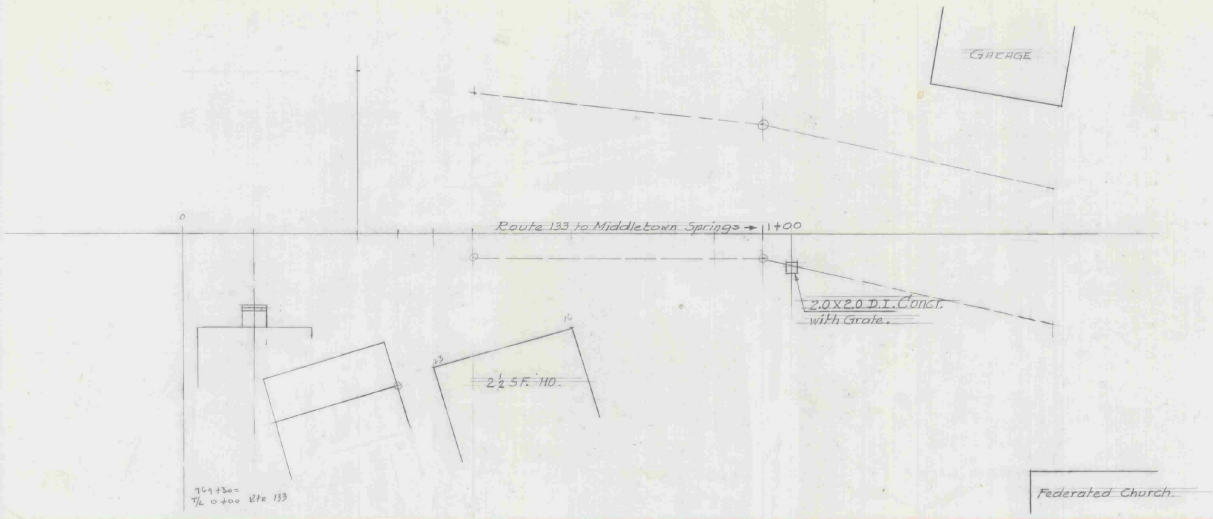






PAWLET
T-15-IL

PLATE 1. PLAN-PROFILE



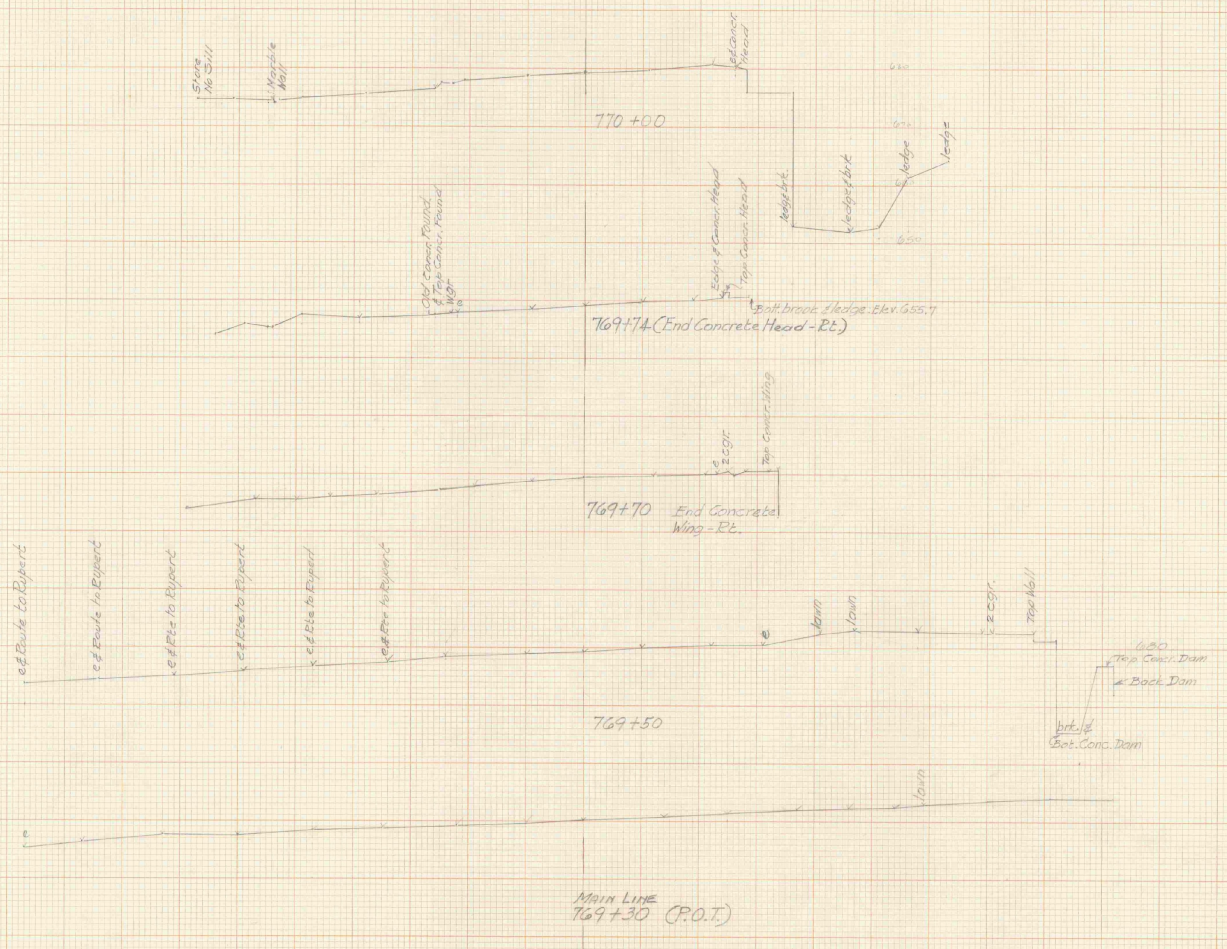
690
680
670
650 E.

+12 +30 +37 +43 +50 +67 +05 +29 +46 +48 +50 +52

0+00
1+00

Route T/L PI 769.30 =
M/L P.O.T. 769+30 =
Rte 133 T/L 0+00.0

PLATE 1. PLAN-PROFILE



STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF PAWLET

Levels by: Date:

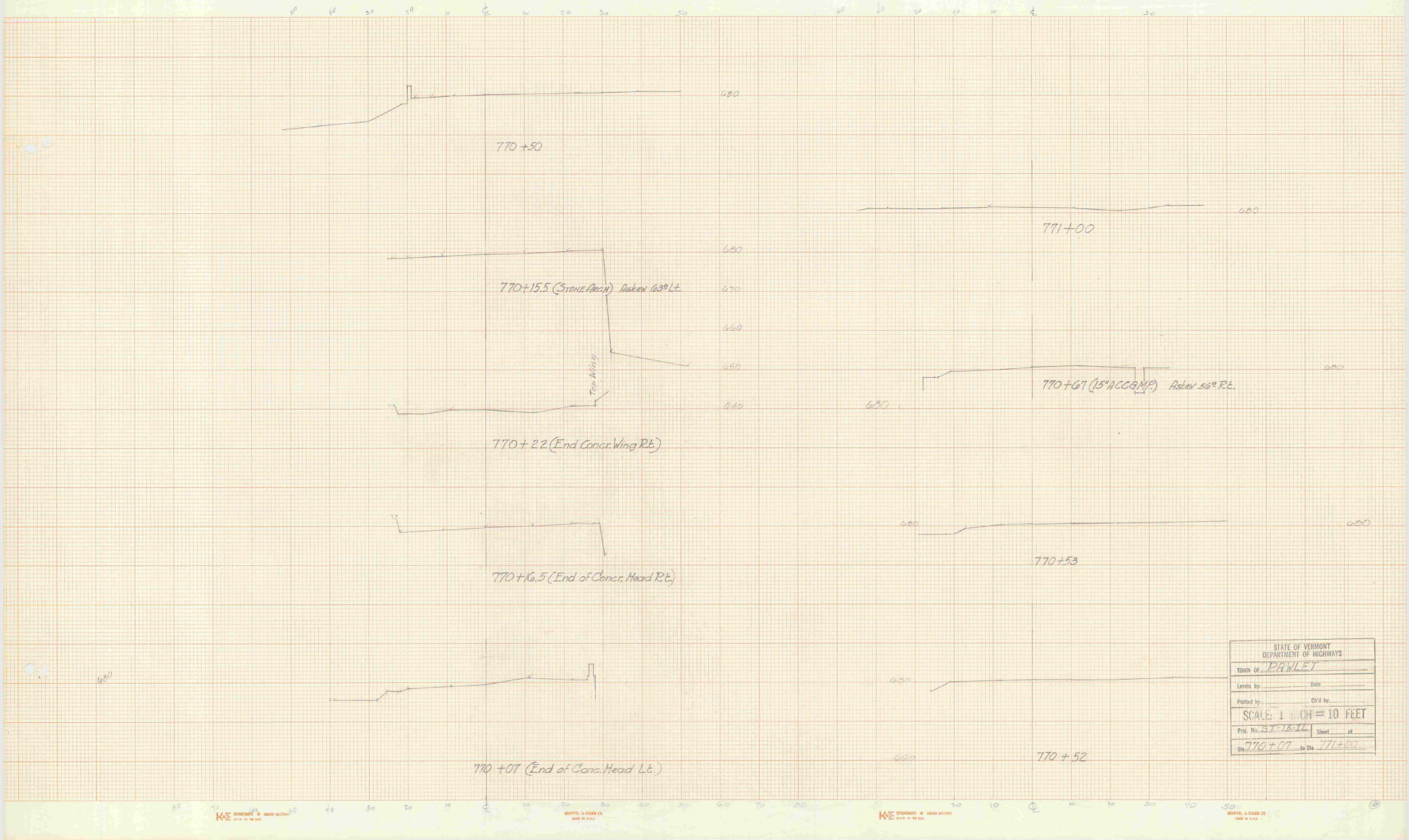
Plotted by: Ch'd by:

SCALE: 1 INCH = 10 FEET

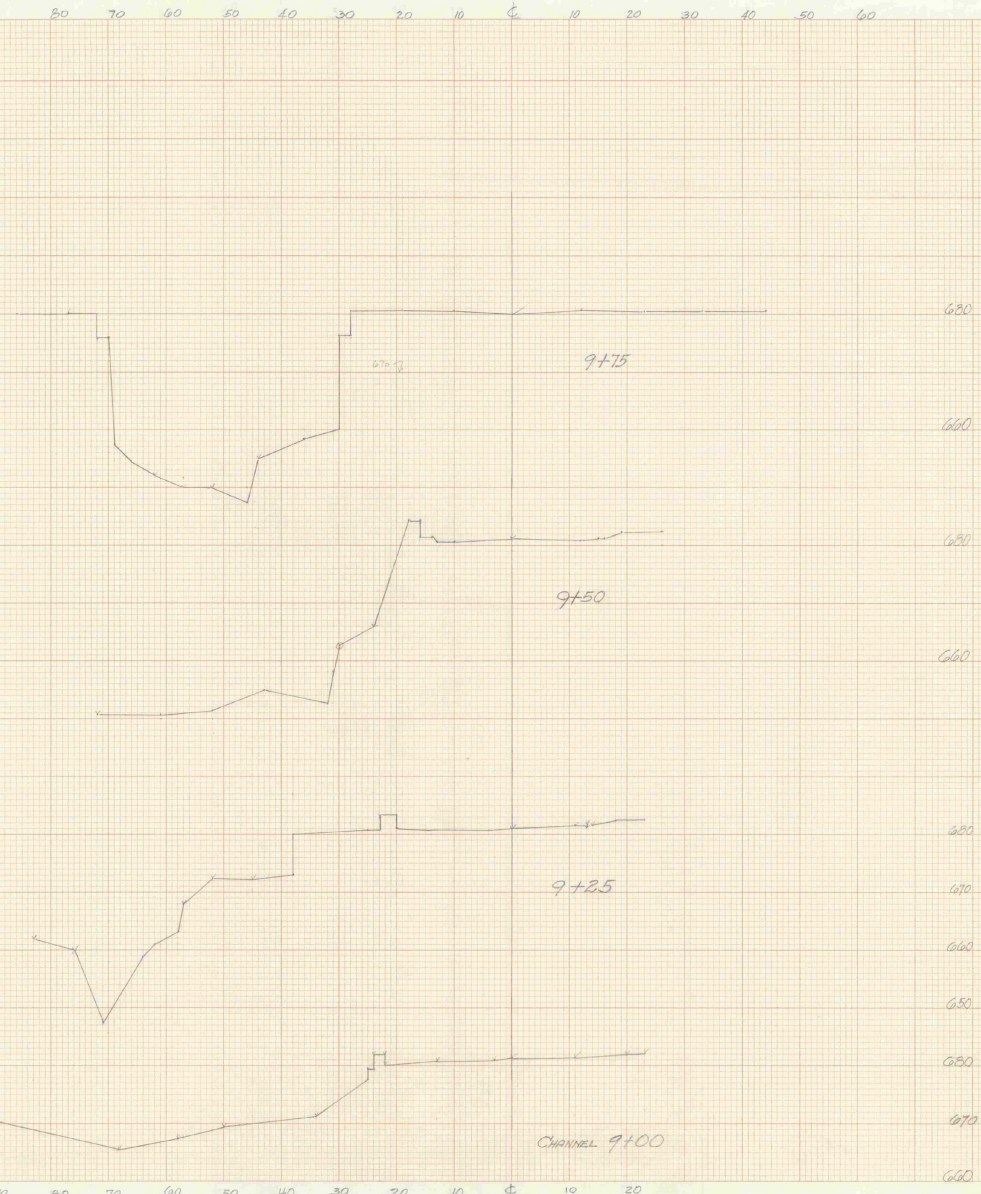
Proj. No. ST-1621 Sheet 14

Sta. 769+30 to Sta. 770+00

KE STANDARD ⊕ CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.



770 +50
680
770+15.5 (Stone Arch) Askew 63° Lt.
680
670
660
650
640
Top Wing
770+22 (End Concr. Wing Rt.)
770+16.5 (End of Concr. Head Rt.)
680
770 +07 (End of Conc. Head Lt.)
771+00
680
770+67 (15" ACCGMP) Askew 56° Rt.
680
680
770+53
680
680
770 + 52
680
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
TOWN OF PAWLET
Levels by:
Date
Plotted by:
Ch'd by:
SCALE: 1 INCH = 10 FEET
Proj. No. ST-15-IL
Sheet of
Sta. 770+07 to Sta. 771+00



STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF PAWLET

Levels by: Date:

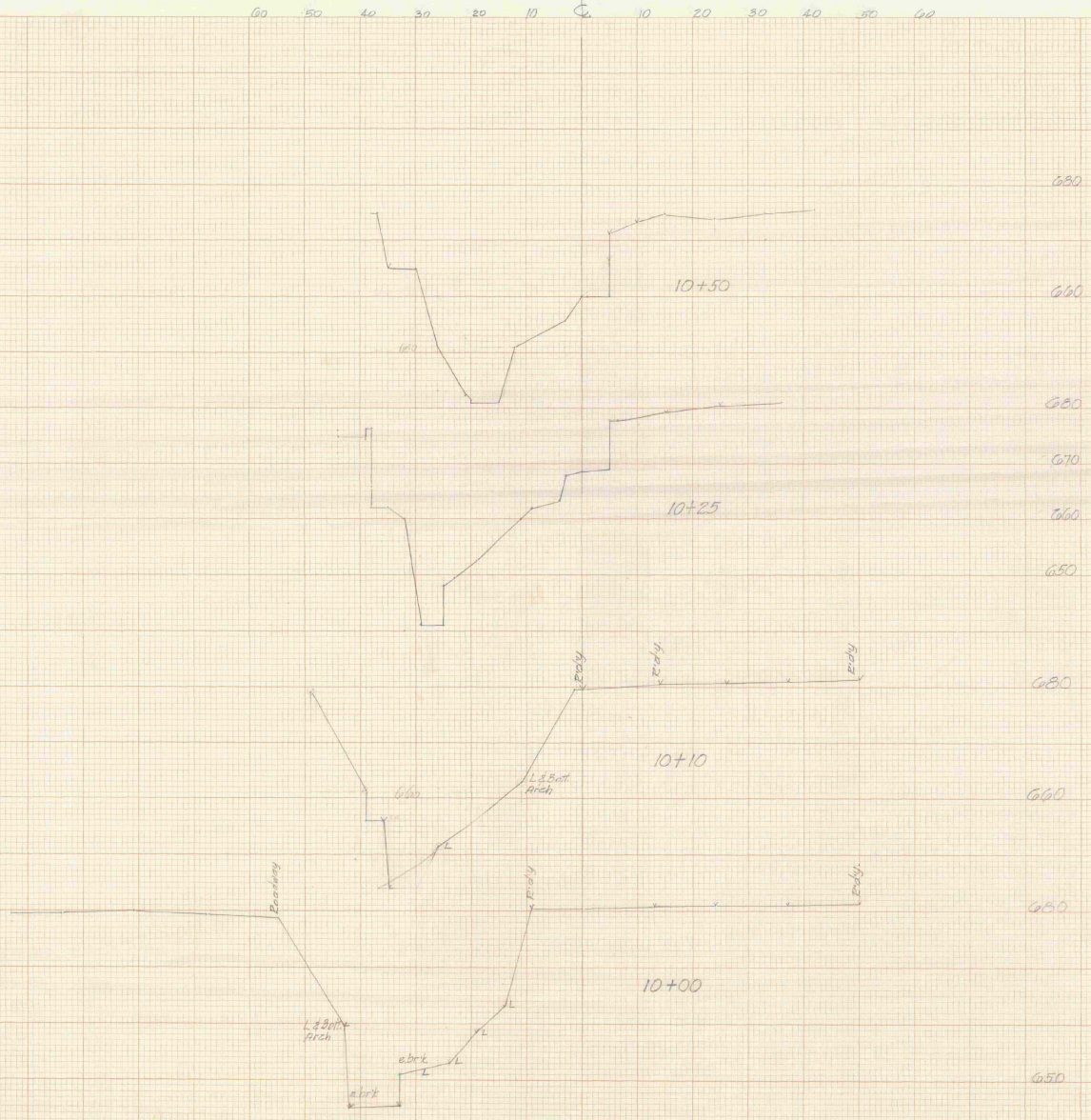
Plotted by: D.R.B. Ch'd by:

SCALE: 1 INCH = 10 FEET

Proj. No. ST-15-1(4) Sheet of

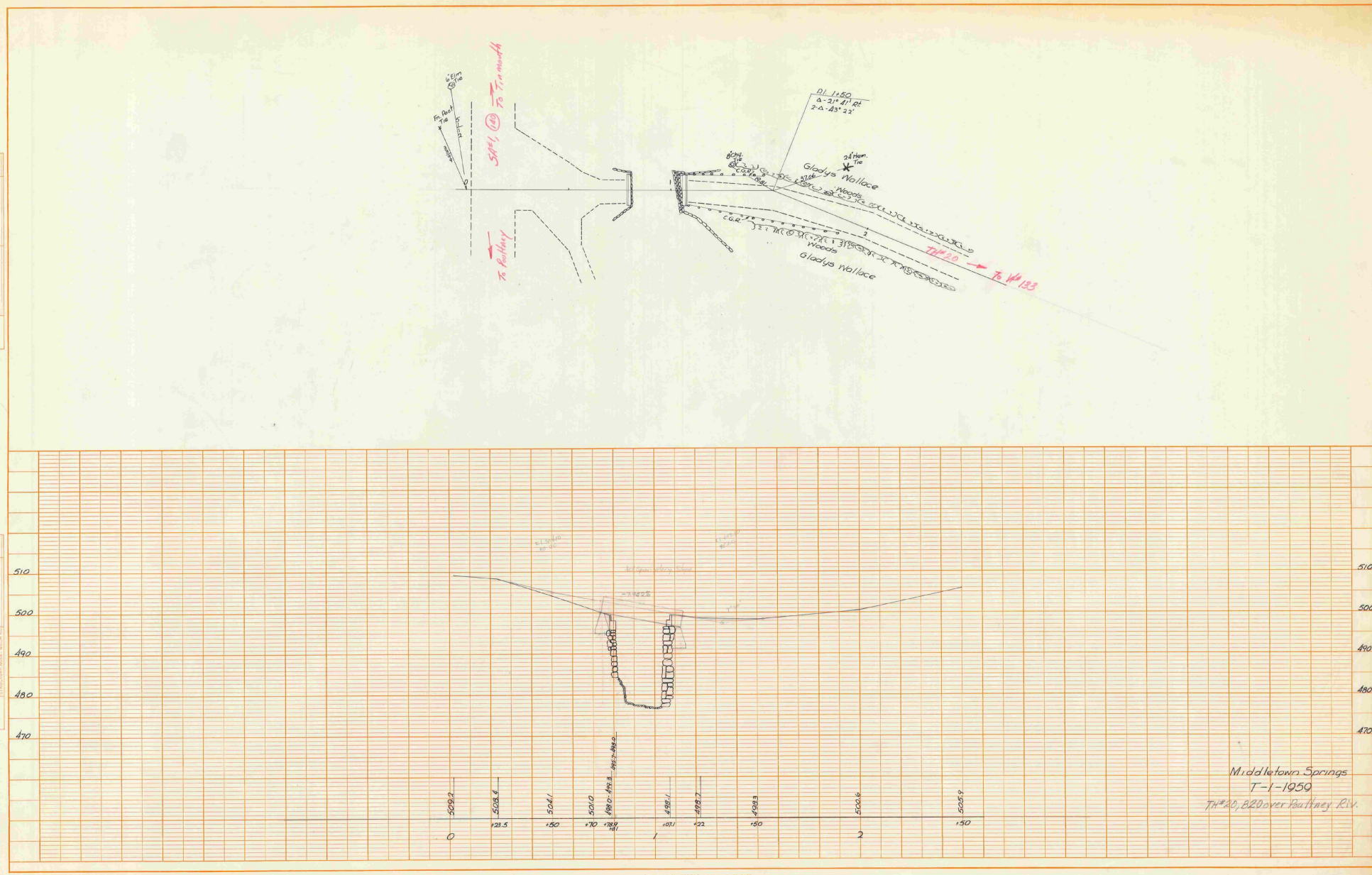
Sta. 9+00 to Sta. 9+75

KEUFFEL & ESSER CO. MADE IN U.S.A.

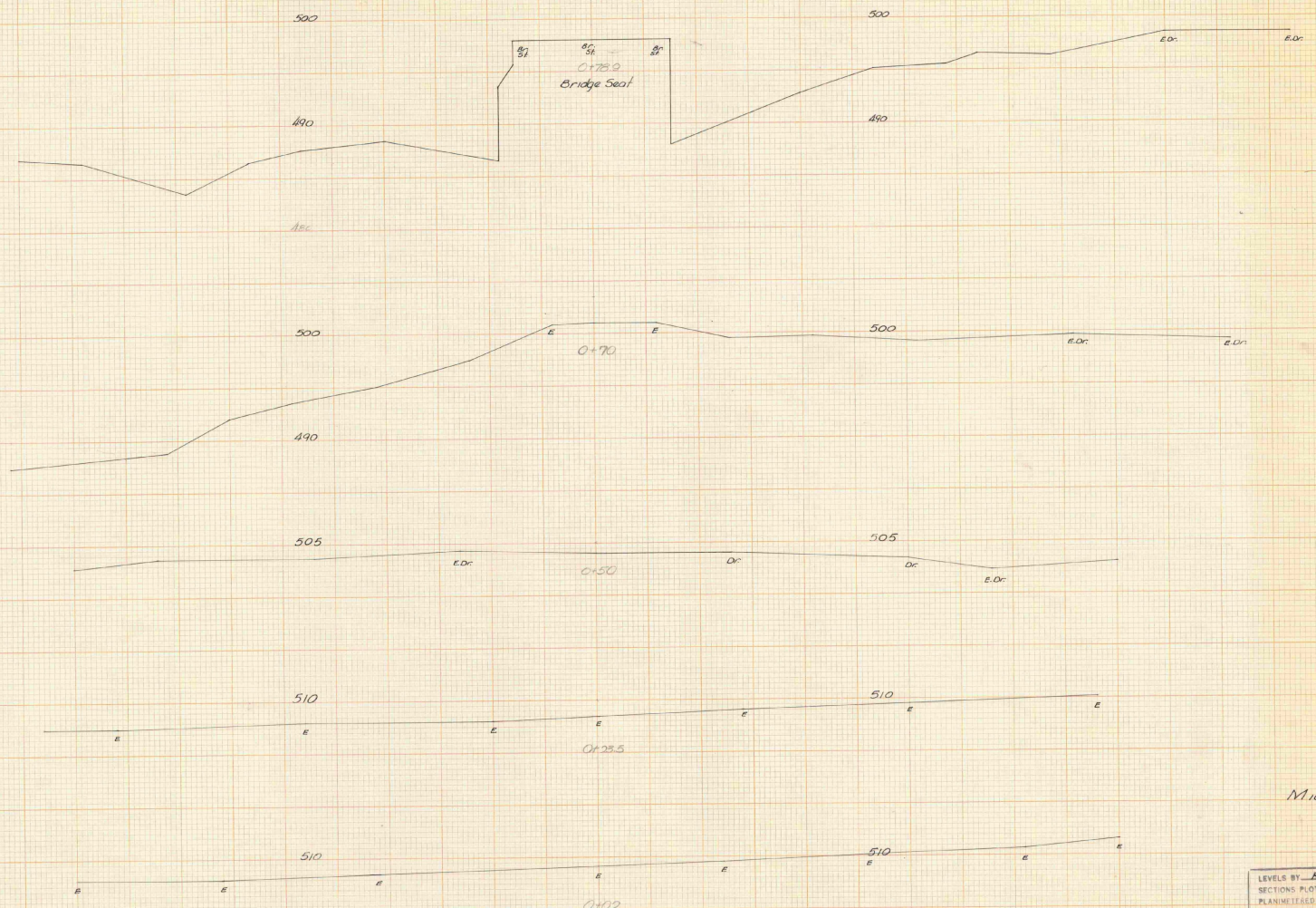


STATE OF VERMONT DEPARTMENT OF HIGHWAYS	
TOWN OF PAWLET	
Levels by:	Date
Plotted by: D.L.B.	Ch'd by:
SCALE: 1 INCH = 10 FEET	
Proj. No. ST-15(1)	Sheet of
Sta 10+00	to Sta 10+50

K&E STANDARD ⊕ CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.



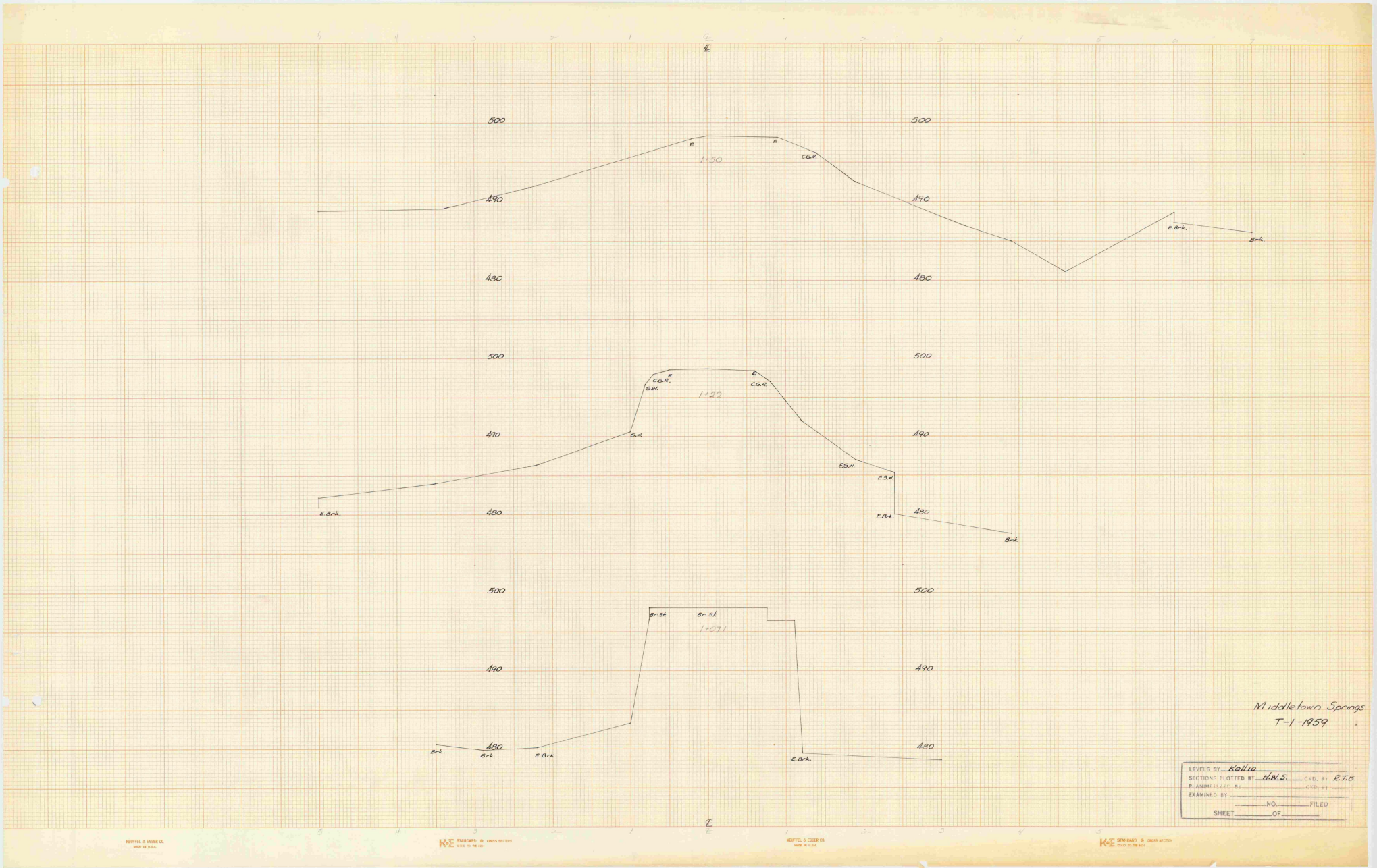
PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE
PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M. NOTED
STRUCTURE NOTE CHECKED
BY
DATE
6" Elm Tie
Fn. Post Tie
SA#1, (140) To Tinmouth
To Poultney
Pl. 1+50
Δ - 21° 41' Rt.
2-Δ - 43° 22'
8" Chy. Tie
24" Ham. Tie
Gladys Wallace
Woods
C.G.R.
Woods
Gladys Wallace
TH#20
To VH#133
510
500
490
480
470
509.2
508.4
504.1
501.0
498.0-499.3
498.1
498.7
498.3
500.6
505.9
+23.5
+50
+70
+79.9
+81
+07.1
+22
+50
+50
0
1
2
Middletown Springs
T-1-1959
TH#20, B20 over Poultney Riv.
PLATE I - PLAN - PROFILE O.P.R. & R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.



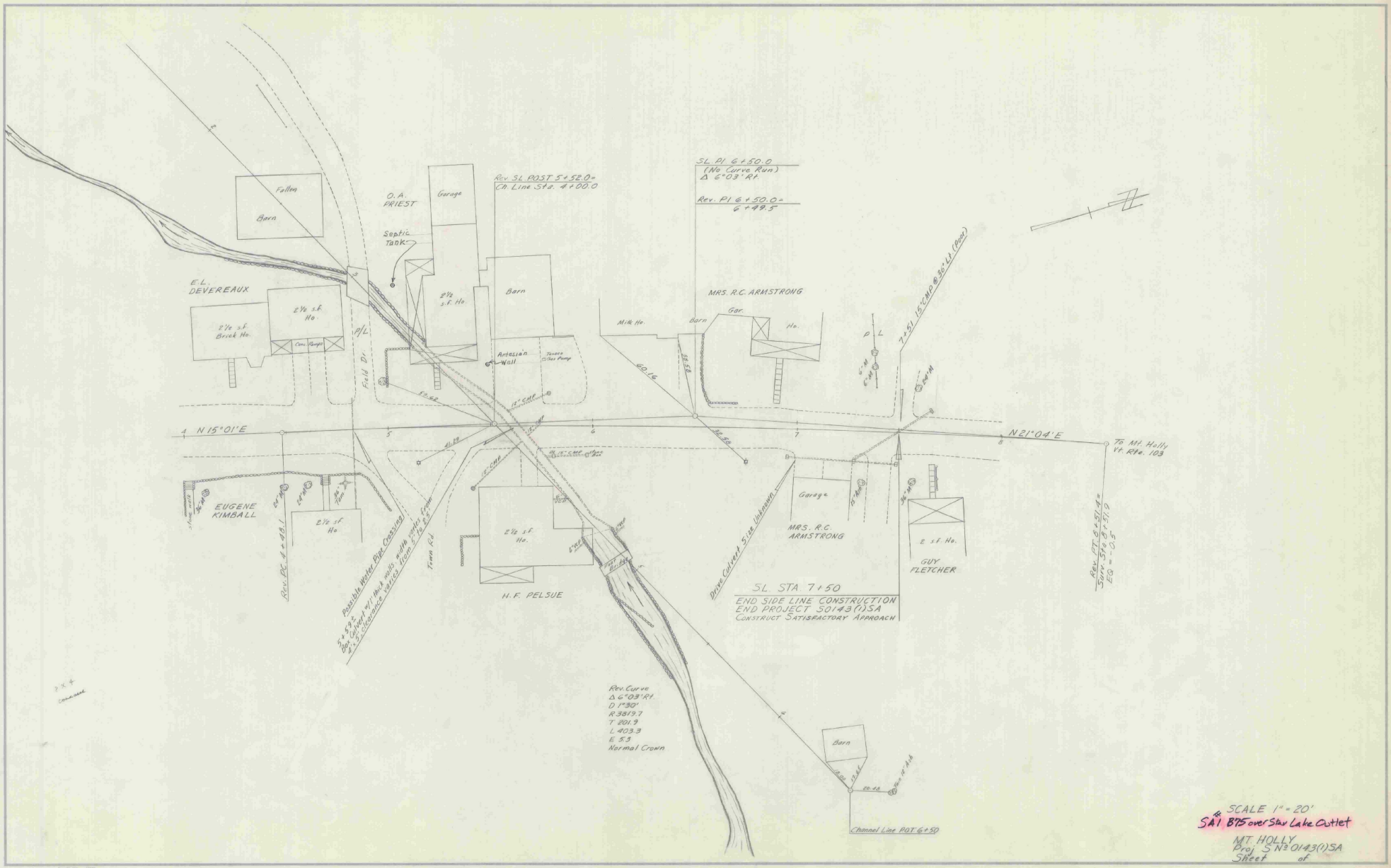
Middletown Springs
T-1-1959

LEVELS BY Kallio
SECTIONS PLOTTED BY H.W.S. CKD. BY R.T.O.
PLANIMETERED BY _____ CKD. BY _____
EXAMINED BY _____
_____ NO. _____ FILED
SHEET _____ OF _____

KEUFFEL & ESSER CO.
MADE IN U.S.A.
K&E STANDARD CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.
K&E STANDARD CROSS SECTION
KEUFFEL & ESSER CO.
MADE IN U.S.A.



500
490
480
E
E
C.G.R.
1+50
E.Brk.
Brk.
C.G.R.
S.W.
1+22
S.W.
E.S.W.
E.S.W.
E.Brk.
Br.St.
Br.St.
1+07.1
Brk.
Brk.
E.Brk.
E.Brk.
Middletown Springs
T-1-1959
LEVELS BY Kallio
SECTIONS PLOTTED BY H.W.S.
CKD. BY R.T.B.
PLANIMETERED BY
CKD. BY
EXAMINED BY
NO.
FILED
SHEET
OF



Fallen
Barn
O.A. PRIEST
Garage
Septic Tank
Rev. SL POST 5+52.0=
Ch. Line Sta. 4+00.0
SL. Pl. 6+50.0
(No Curve Run)
Δ 6°03' Rt.
Rev. Pl 6+50.0=
6+49.5
E.L. DEVEREAUX
2½ s.f. Brick Ho.
2½ s.f. Ho.
Conc. Ramps
P/L
Field Dr.
2½ s.f. Ho.
Barn
Artesian Well
Tower Gas Pump
Milk Ho.
Barn
Gar.
Ho.
MRS. R.C. ARMSTRONG
60.16
38.58
7+51 15" CMP @ 36" Lt. (Poor)
P L
6" M
6" M
24" M
N 15°01'E
N 21°04'E
To Mt. Holly
Vt. Rte. 103
EUGENE KIMBALL
Rev. PC 4+48.1
2½ s.f. Ho.
Possible Water Pipe Crossing
5+59.2
Box Culvert w/1" thick walls, width varies from 4'x5' clearance varies from 5' to 2.5'
Town Rd.
2½ s.f. Ho.
H.F. PELSUE
Drive Culvert Size Unknown
Garage
MRS. R.C. ARMSTRONG
2 s.f. Ho.
GUY FLETCHER
Rev. PT. 8+51.4=
Surv. Sta. 8+51.9
EQ = -0.5
SL. STA. 7+50
END SIDE LINE CONSTRUCTION
END PROJECT S0143(1)SA
CONSTRUCT SATISFACTORY APPROACH
Rev. Curve
Δ 6°03' Rt.
D 1°30'
R 3819.7
T 201.9
L 403.3
E 5.3
Normal Crown
Barn
Channel Line POT 6+50
SCALE 1" = 20'
SA1 B75 over Stav Lake Outlet
MT. HOLLY
Proj S No 0143(1)SA
Sheet of
PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

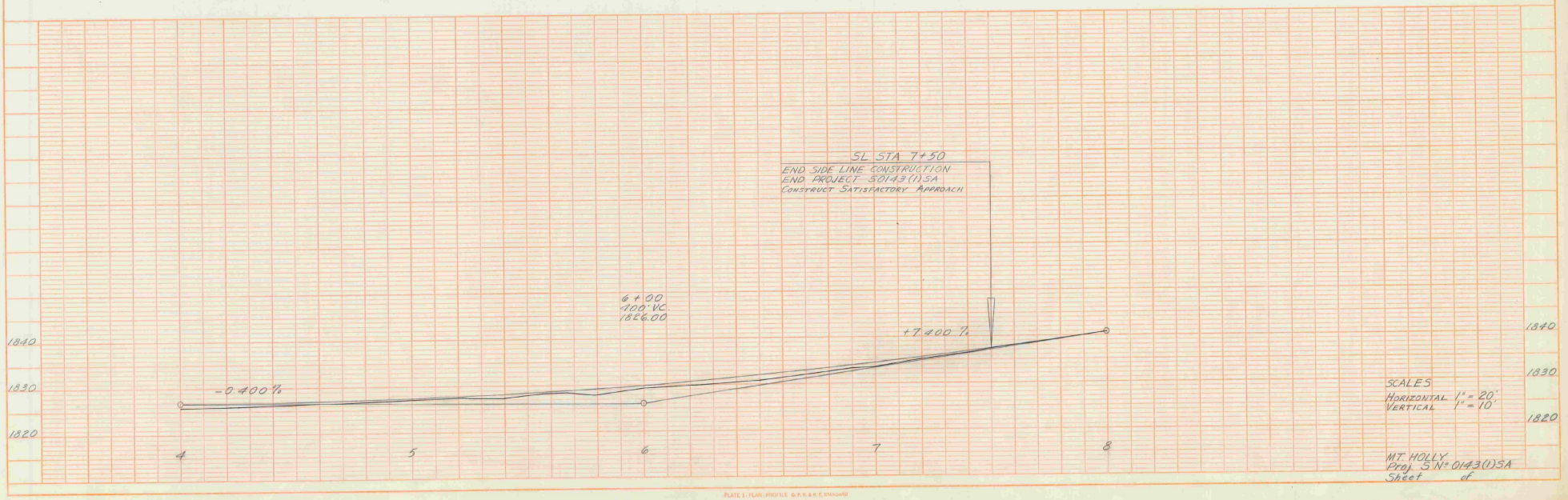
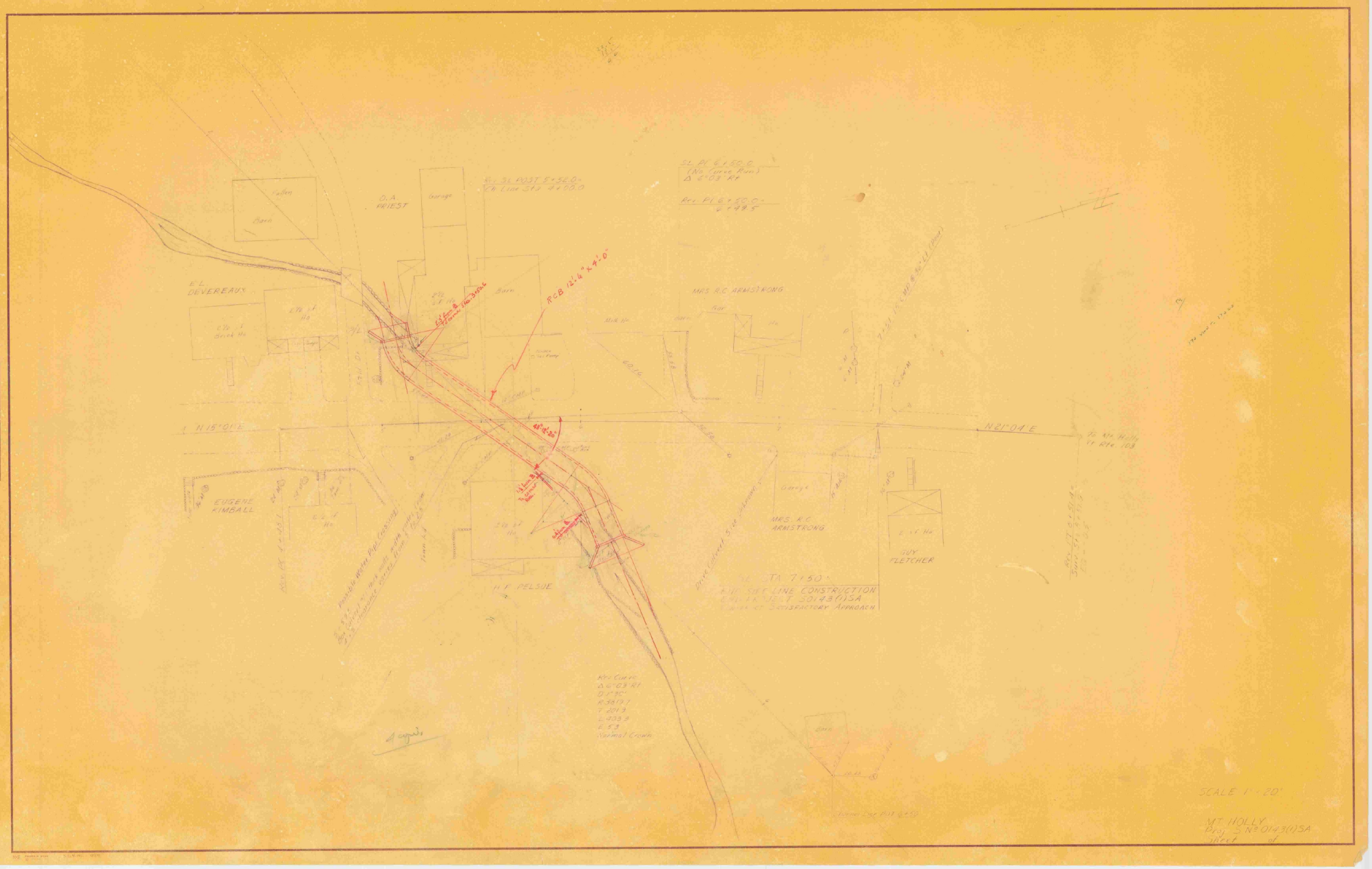
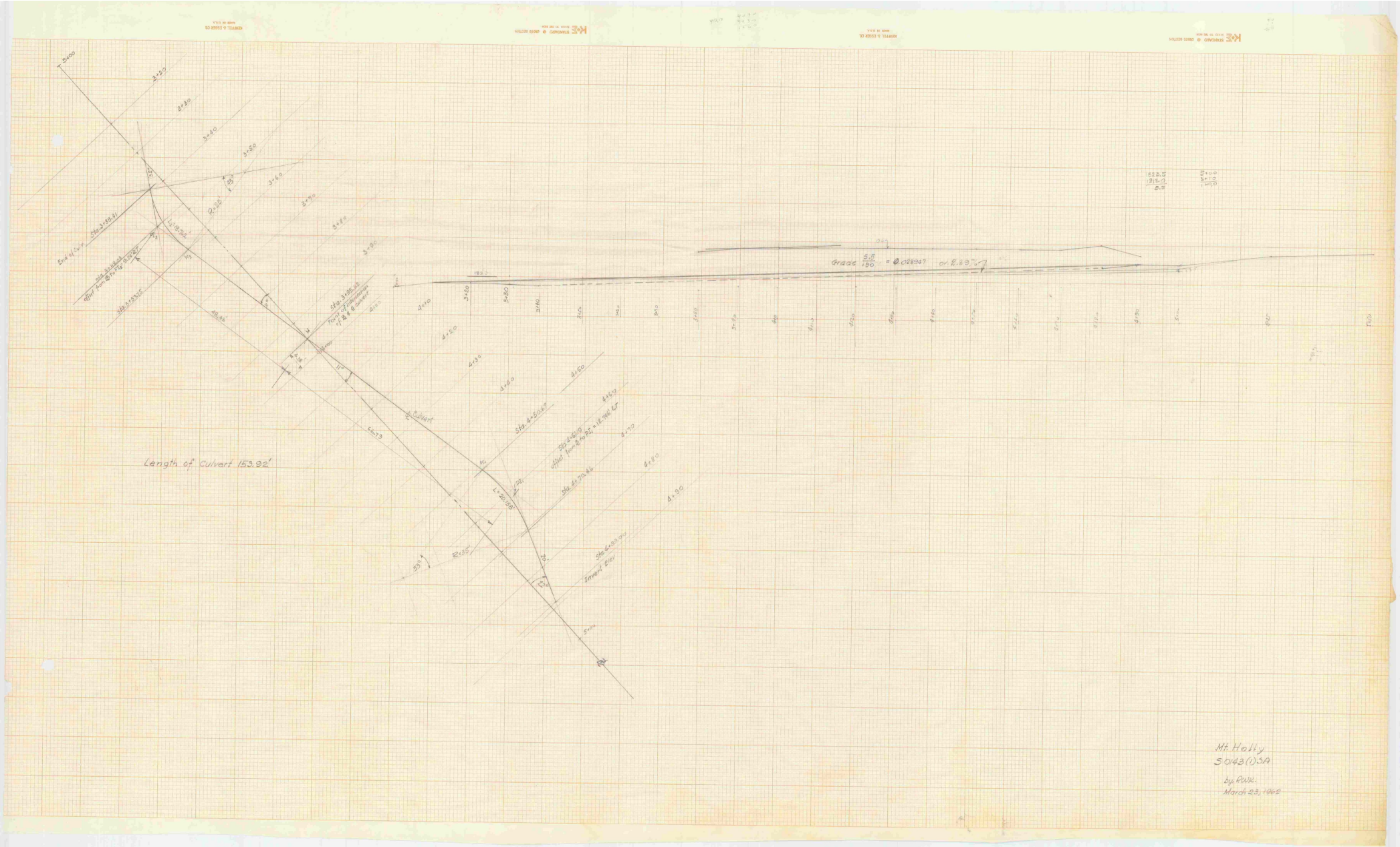
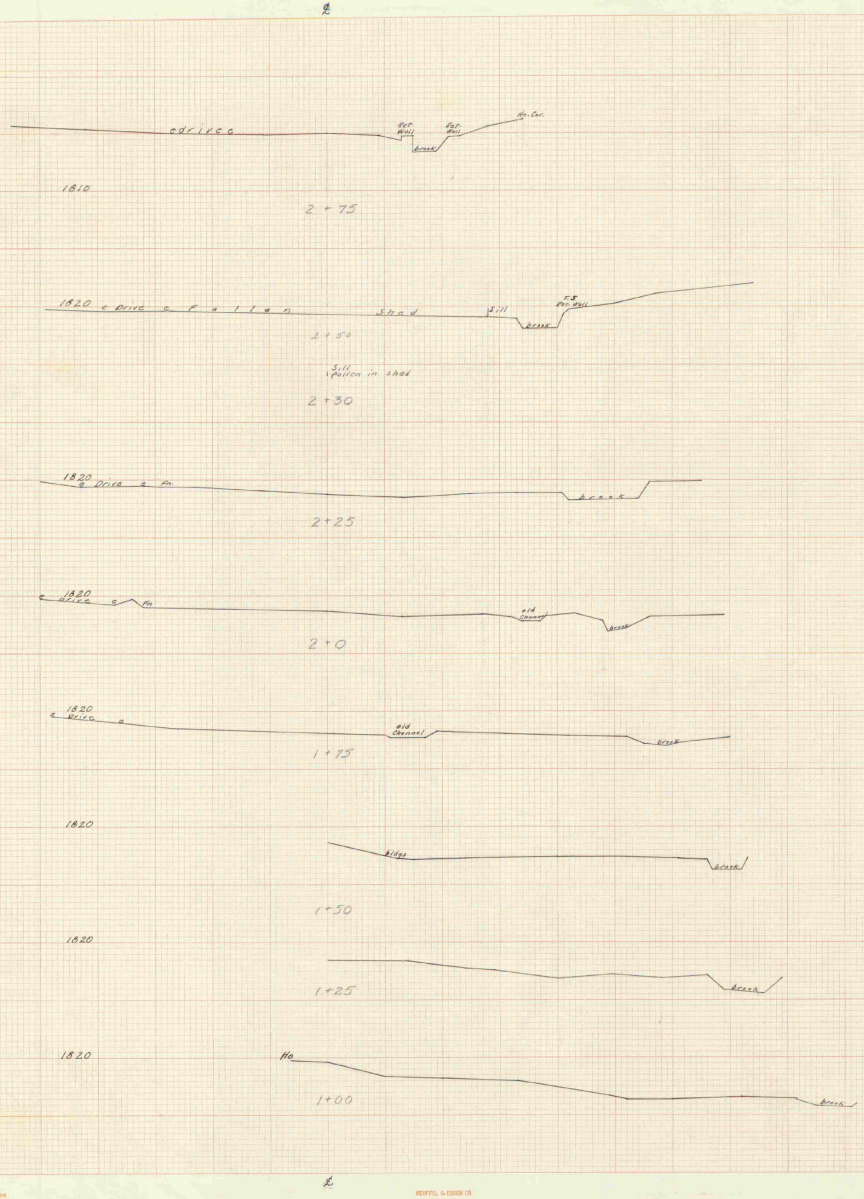


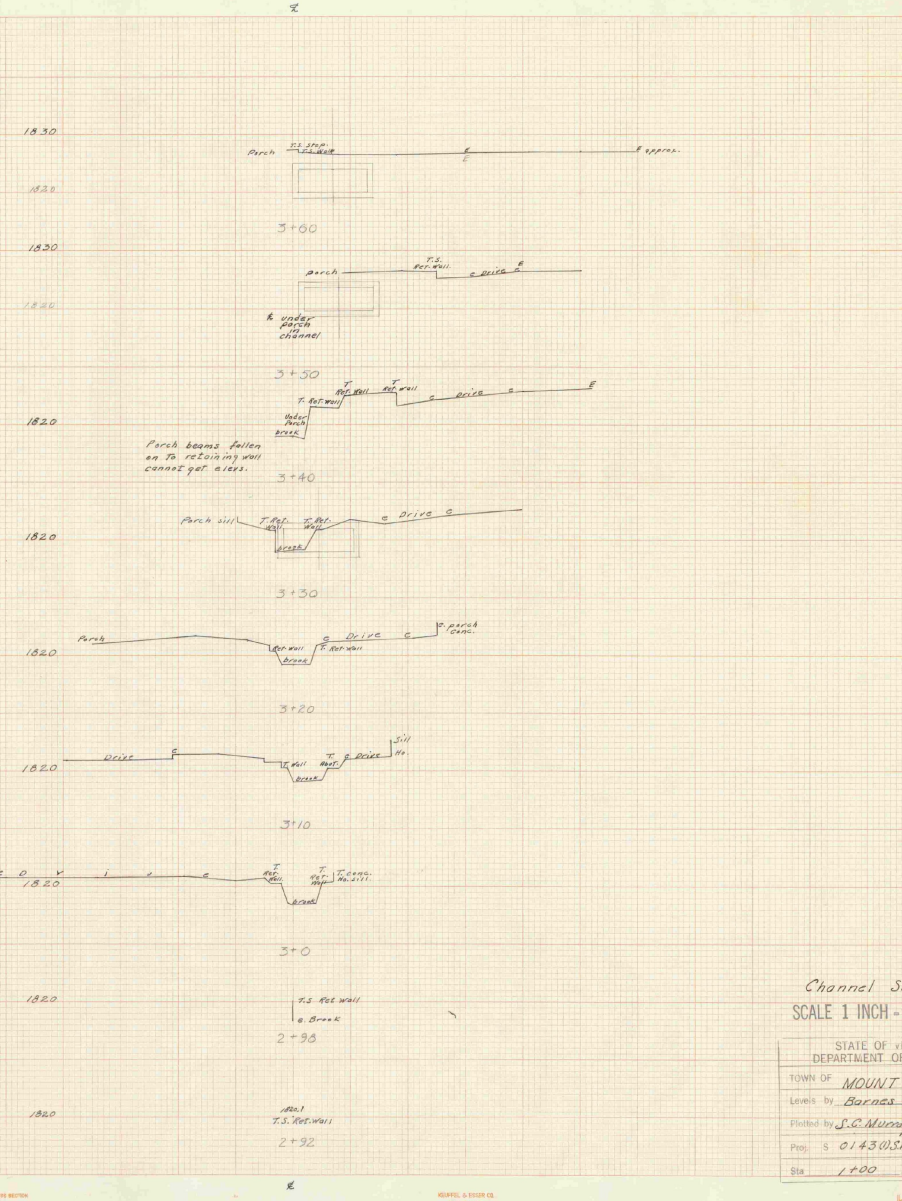
PLATE 1 - PLAN - PROFILE G.P.R. & R.F. STANDARD
KEUFFEL & ESSER CO., NEW YORK



PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NT. OF WAY CHECKED
BY
DATE
Fallen
Barn
O.A. PRIEST
Garage
Rev. SL POST 5+52.0 = Ch. Line Sta 4+00.0
SL Pl 6+50.0 (No Curve Run) Δ 6°03' Rt
Rev. Pl 6+50.0 = 6+49.5
E.L. DEVEREAUX
Brick Ho
Barn
RCB 12'-6" x 4'-0"
MRS. R.C. ARMSTRONG
Milk Ho
Gar
Ho
N 15°01' E
N 21°04' E
To Mt. Holly Vt. Rte. 103
EUGENE KIMBALL
Possible Water Pipe Crossing
Town Ld
H.F. PELSUE
Drive Culvert Size Unknown
Garage
MRS. R.C. ARMSTRONG
GUY FLETCHER
STA 7+50
LINE CONSTRUCTION
S0143(1)SA
Satisfactory Approach
Rev. Curve
Δ 6°03' Rt
D 1°30'
R 3819.7
T 201.3
L 403.3
E 5.3
Normal Crown
Barn
Channel Line Post 6+50
SCALE 1" = 20'
MT. HOLLY
Proj. S No 0143(1)SA
Sheet of


Grade 5.5/190 = 0.028947 or 2.89%
Length of Culvert 153.92'
Mt. Holly
S043(1)SA
by RWK
March 23, 1962



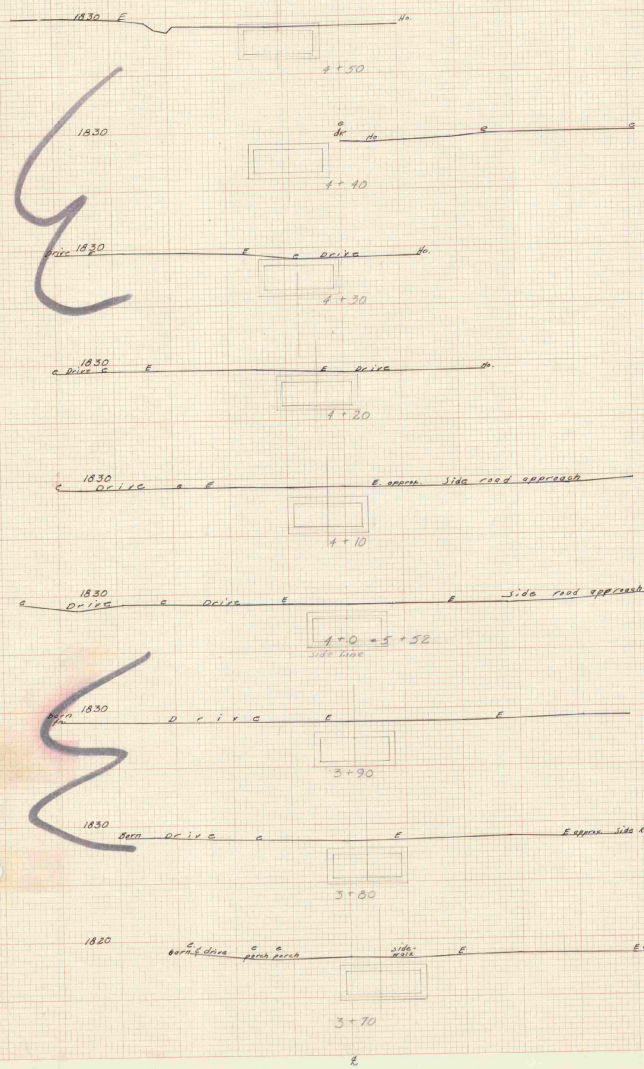


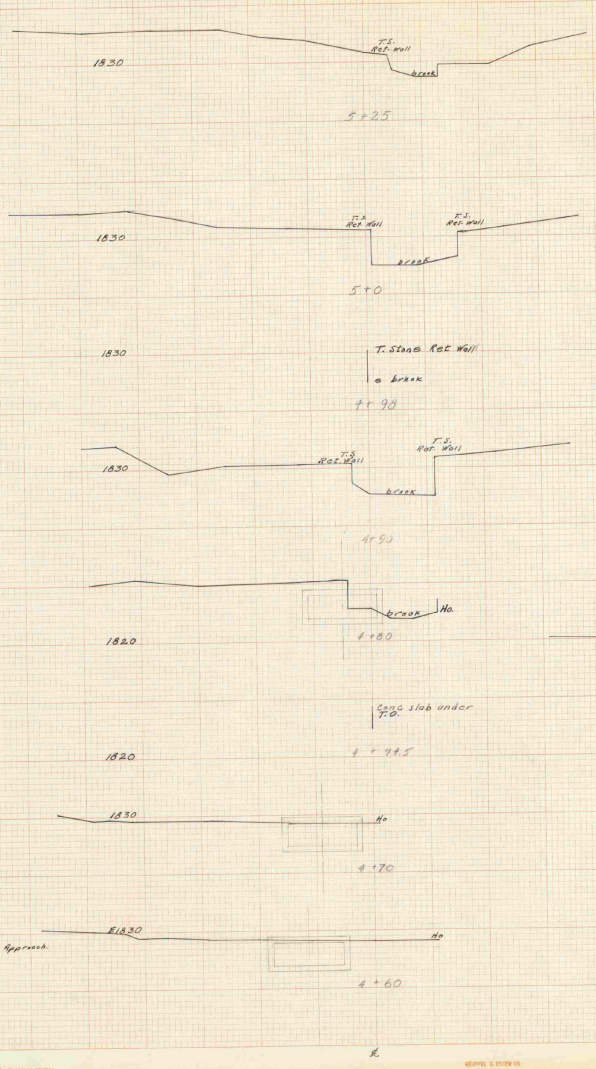
Channel Sections
SCALE 1 INCH = 10 FEET

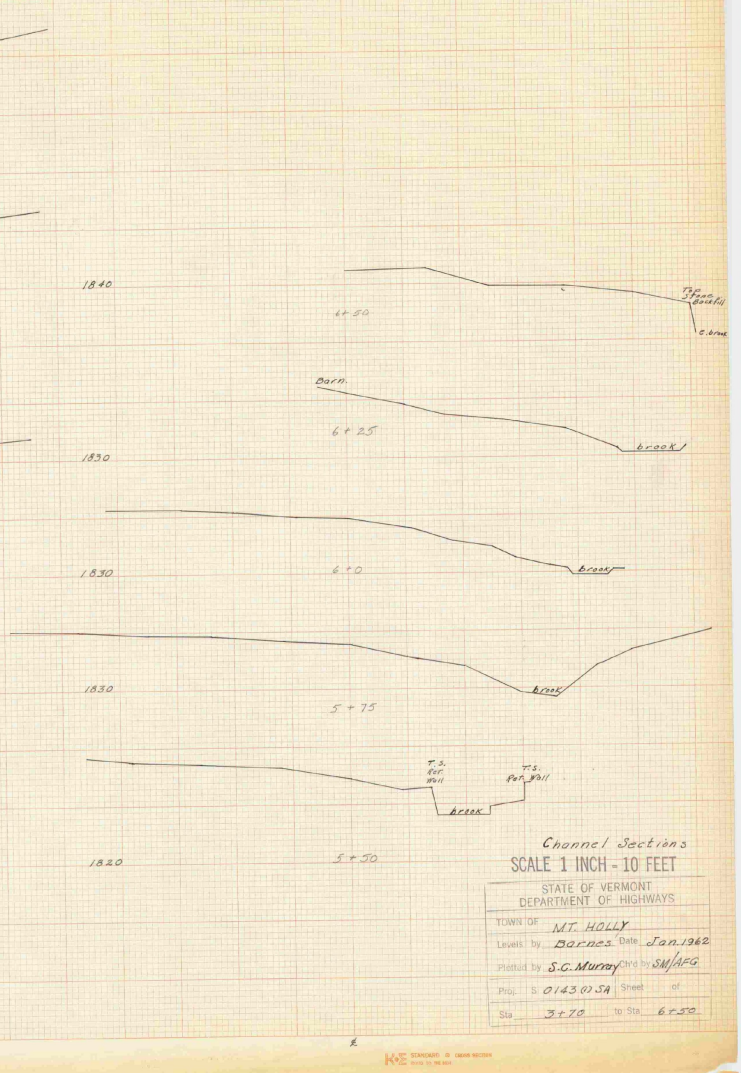
STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF MOUNT HOLLY
Levels by Barnes Date Jan 1962
Plotted by S.C. Murray Chkd by SM/AFS
Proj. S 0143(0)SA Sheet of
Sta 1+00 to Sta 3+60

KEUFFEL & ESSER CO. MADE IN U.S.A.



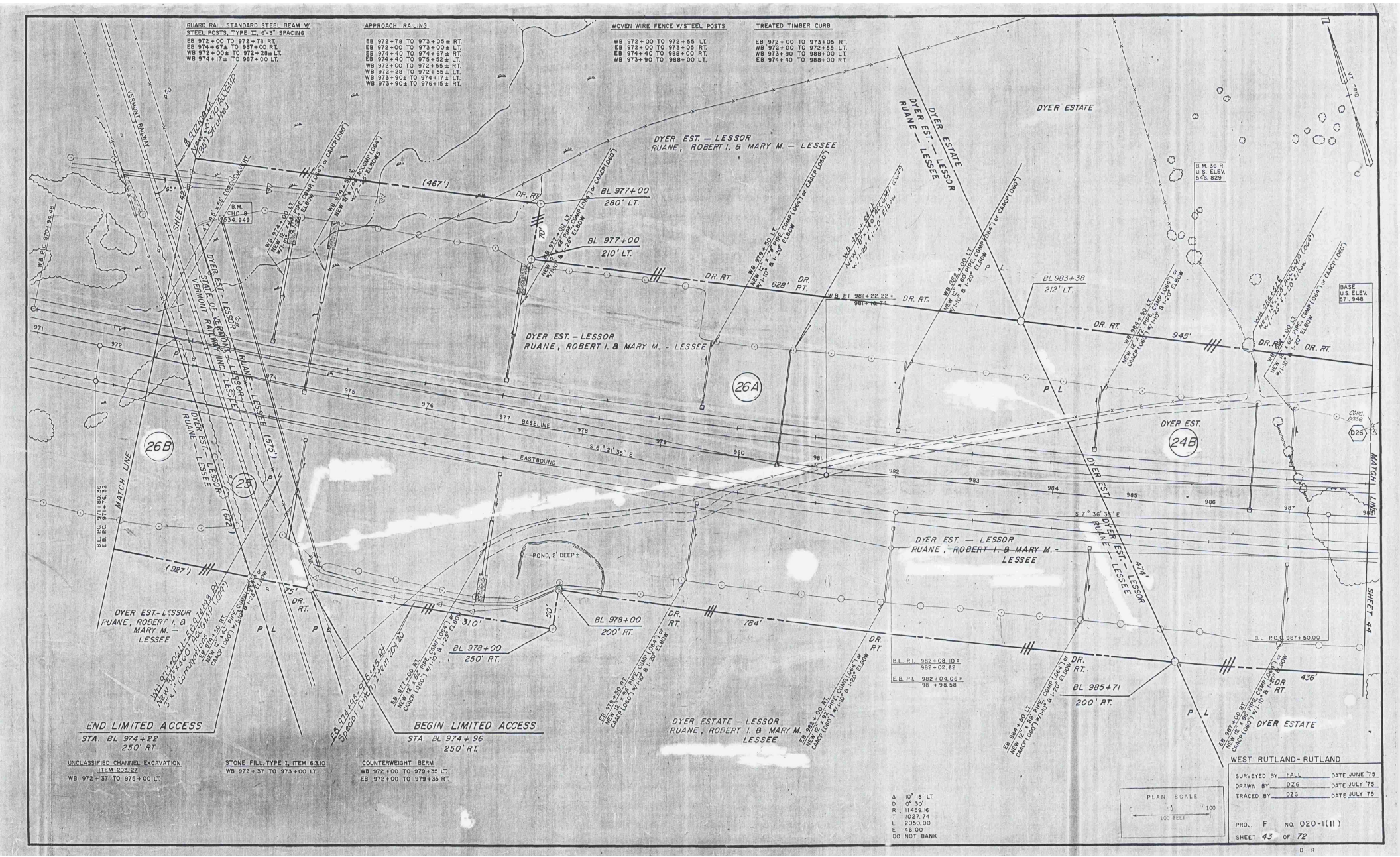




Channel Sections
SCALE 1 INCH - 10 FEET

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF MT. HOLLY
Levels by Barnes Date Jan. 1962
Plotted by S.G. Murray Chkd by SM/AFG
Proj. S 0143(07)SA Sheet of
Sta 3+70 to Sta 6+50


GUARD RAIL, STANDARD STEEL BEAM W/ STEEL POSTS, TYPE II, 6'-3" SPACING
EB 972+00 TO 972+78 RT.
EB 974+67± TO 987+00 RT.
WB 972+00± TO 972+28± LT.
WB 974+17± TO 987+00 LT.
APPROACH RAILING
EB 972+78 TO 973+05± RT.
EB 972+00 TO 973+00± LT.
EB 974+40 TO 974+67± RT.
EB 974+40 TO 975+52± LT.
WB 972+00 TO 972+55± RT.
WB 972+28 TO 972+55± LT.
WB 973+90± TO 974+17± LT.
WB 973+90± TO 976+15± RT.
WOVEN WIRE FENCE W/STEEL POSTS
WB 972+00 TO 972+55 LT.
EB 972+00 TO 973+05 RT.
EB 974+40 TO 988+00 RT.
WB 973+90 TO 988+00 LT.
TREATED TIMBER CURB
EB 972+00 TO 973+05 RT.
WB 972+00 TO 972+55 LT.
WB 973+90 TO 988+00 LT.
EB 974+40 TO 988+00 RT.
DYER ESTATE
DYER EST. — LESSOR
RUANE, ROBERT I. & MARY M. — LESSEE
DYER EST. — LESSOR
RUANE — LESSEE
DYER EST. — LESSOR
RUANE, ROBERT I. & MARY M. — LESSEE
DYER EST. — LESSOR
RUANE, ROBERT I. & MARY M. — LESSEE
DYER EST. — LESSOR
RUANE, ROBERT I. & MARY M. — LESSEE
DYER EST. — LESSOR
RUANE, ROBERT I. & MARY M. — LESSEE
DYER EST. — LESSOR
RUANE — LESSEE
DYER EST. — LESSOR
RUANE — LESSEE
DYER EST. — LESSOR
RUANE

* Survey Bundle #7

Misc. Plotted Survey's Original Sheets

REVIEWED BY BRIDGE INSPECTION 2-98