

Lemington 48

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8	" " " " SS B2
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10	" " " " SB 2 Detail S 206
11	" " " " SB 20
12	" " " " ROAD S 28 Pipe Culverts
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STANDARD STRUCTURE SHEETS APPROVED BY THE CHIEF ENGINEER
VT. STATE DEPARTMENT OF HIGHWAYS

S 28	APRIL 25, 1941
S 30	NOV. 10, 1941
S 30A	APRIL 19, 1941
S 40	DEC. 18, 1945

**STATE OF VERMONT
STATE HIGHWAY DEPARTMENT**

**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY**

SECONDARY PROJECT

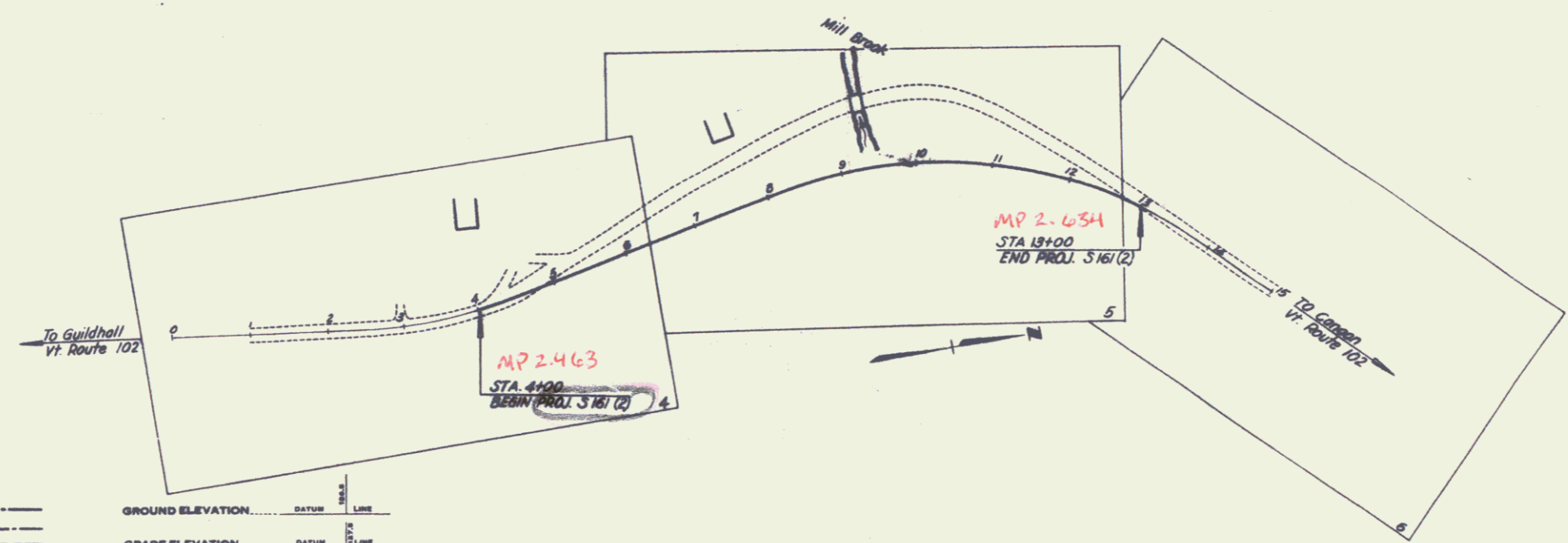
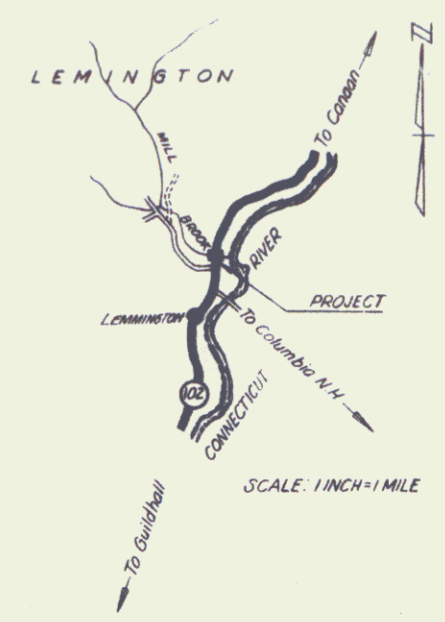
**TOWN OF LEMINGTON
VERMONT ROUTE 102**

GUILDHALL - CANAAN ROAD
BEGINNING AT A POINT APPROXIMATELY 535 FEET
SOUTHERLY FROM THE MILL BROOK BRIDGE AND EXTEND-
ING NORTHERLY 300 FEET.

LENGTH OF PROJECT 300.0 FEET = 0.170 MILE

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	5161(2)	1	22

POST WAR F A SEC



GROUND ELEVATION..... DATUM..... LINE.....

GRADE ELEVATION..... DATUM..... LINE.....

CURVE DATA

DEFLECTION ANGLE..... Δ	TITLE	1" = 100'
DEGREE OF CURVE..... D	TYPICAL	1" = 2'
RADIUS OF CURVE..... R	PLAN	1" = 50'

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 1938, AS APPROVED DECEMBER 29TH, 1938 BY THE PUBLIC

Project 5161(2)
Pin # 00R102

APPROVED: 21 May 48

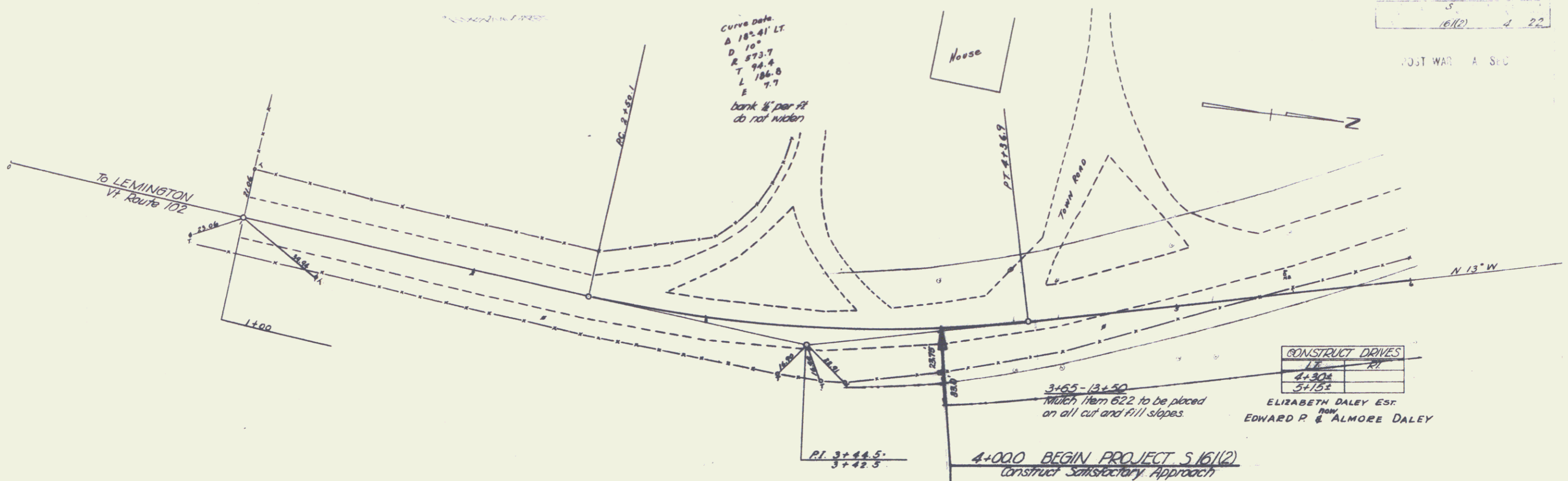
COMMISSIONER OF HIGHWAYS
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RECOMMENDED FOR APPROVAL

APPROVED: SHEET 1

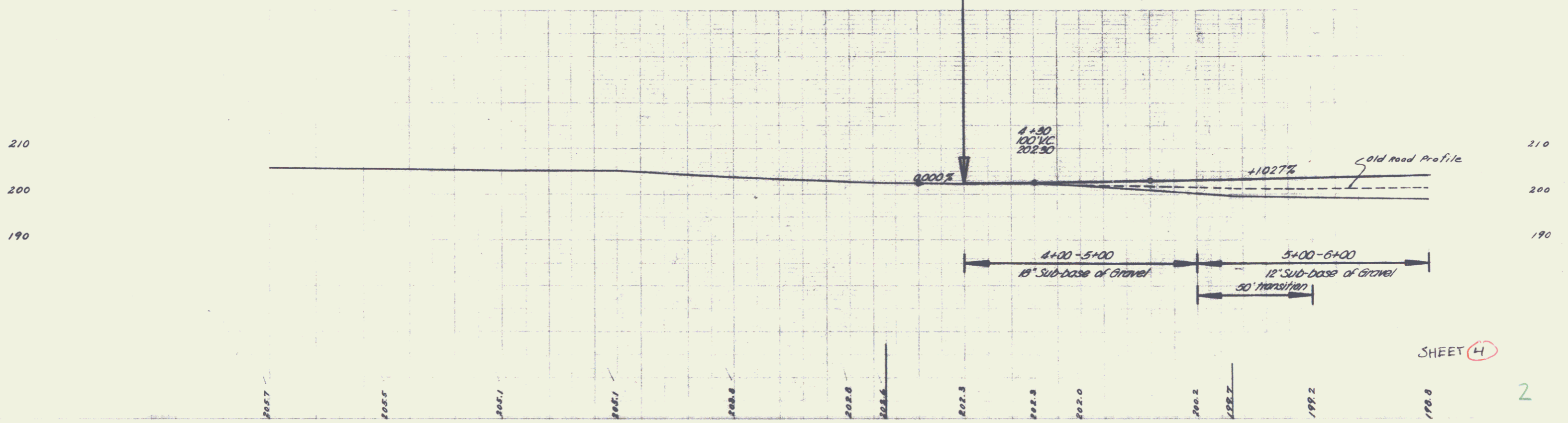
Supp. Highway 12-47

Supp. Highway 12-47



CONSTRUCT DRIVES	
LR	RI
4+304	
5+152	

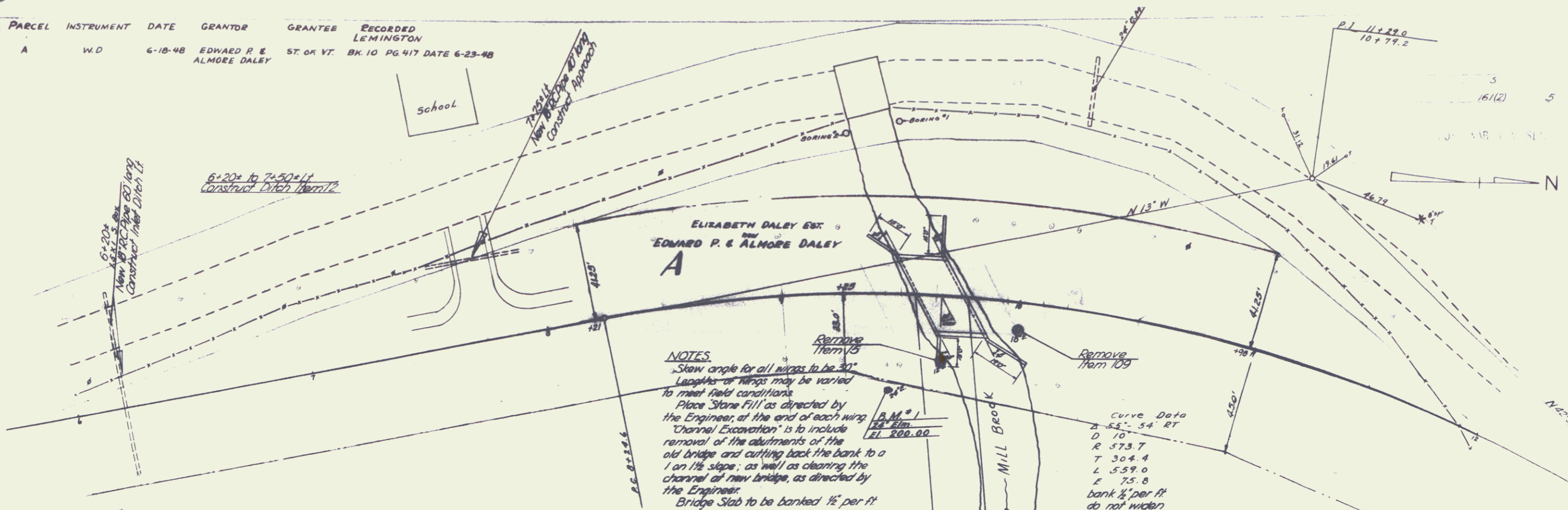
ELIZABETH DALEY EST.
BY
EDWARD P. & ALMOE DALEY



SHEET 4

PARCEL INSTRUMENT DATE GRANTOR GRANTEE RECORDED
 A W.D. 6-18-48 EDWARD P. & ALMOORE DALEY ST. OF VT. BK. 10 PG. 417 DATE 6-23-48
 LEMINGTON

SPECIAL ORDER 12-47
 H.P. Colman

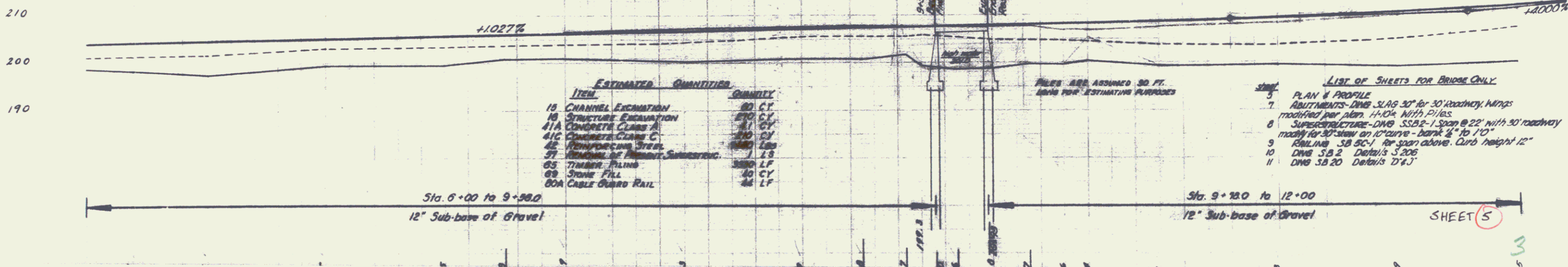


NOTES.
 Stew angle for all wings to be 30°
 Lengths of wings may be varied to meet field conditions
 Place Stone Fill as directed by the Engineer, at the end of each wing
 "Channel Excavation" is to include removal of the abutments of the old bridge and cutting back the bank to a 1 on 1 1/2 slope, as well as clearing the channel of new bridge, as directed by the Engineer.
 Bridge Slab to be banked 1/2" per ft

Curve Data
 B 53'-54" RT
 D 10'
 R 573.7
 T 304.4
 L 559.0
 E 75.8
 bank 1/2" per ft
 do not widen

1990 Boring #1	1990 Boring #2
1940 Silty & Clay	1940 Slopes & Sand
Silty & Clay	1890 Silty & clay with some fine sand
1840 Sand (course)	1790 Sand (course)
Blue Clay	Blue Clay
Sand & fine stone	Sand & fine stone
Gravel (hard packed)	Gravel (hard packed)

BRIDGE DATA		
TYPE	APPROXIMATE	PROPOSED
CLEAR ROADWAY WIDTH	20.0'	20.0'
CHESTNUT SIGN ALONG W. ROADWAY	12.5'	12.5'
CLEAR SIGN ALONG E. ROADWAY	10.0'	10.0'
CLEAR SIGN NORMAL TO ROADWAY	10.0'	10.0'
CLEAR WIDTH	20.0'	20.0'
WATERWAY	117.5 FT.	117.5 FT.
VEGET.	None	None
DRIFT	None	None
STREAM VELOCITY	None	Slow



ITEM	ESTIMATED QUANTITY	QUANTITY
10 CHANNEL EXCAVATION	80 CY	80 CY
10 STRUCTURE EXCAVATION	270 CY	270 CY
41A CONCRETE CLASS A	81 CY	81 CY
41C CONCRETE CLASS C	210 CY	210 CY
4E REINFORCING STEEL	1800 LBS	1800 LBS
57 REINFORCING STEEL SUBSTRUCT.	1 LB	1 LB
65 TIMBER PILING	3000 LF	3000 LF
68 STONE FILL	40 CY	40 CY
69A CABLE GUARD RAIL	44 LF	44 LF

- LIST OF SHEETS FOR BRIDGE ONLY**
- 5 PLAN & PROFILE
 - 7 ABUTMENTS - DWS - SLAB 30' for 30' roadway; Wings modified per plan 11-104 with files
 - 8 SUPERSTRUCTURE - DWS - SSB-1 Span @ 22' with 30' roadway; modify for 30' span on 10' curve - bank 1/2" to 10'
 - 9 RAILING - SB 2C-1 for span above. Curb height 12"
 - 10 DWS SB 2 Details 5-206
 - 11 DWS SB 20 Details 12-1

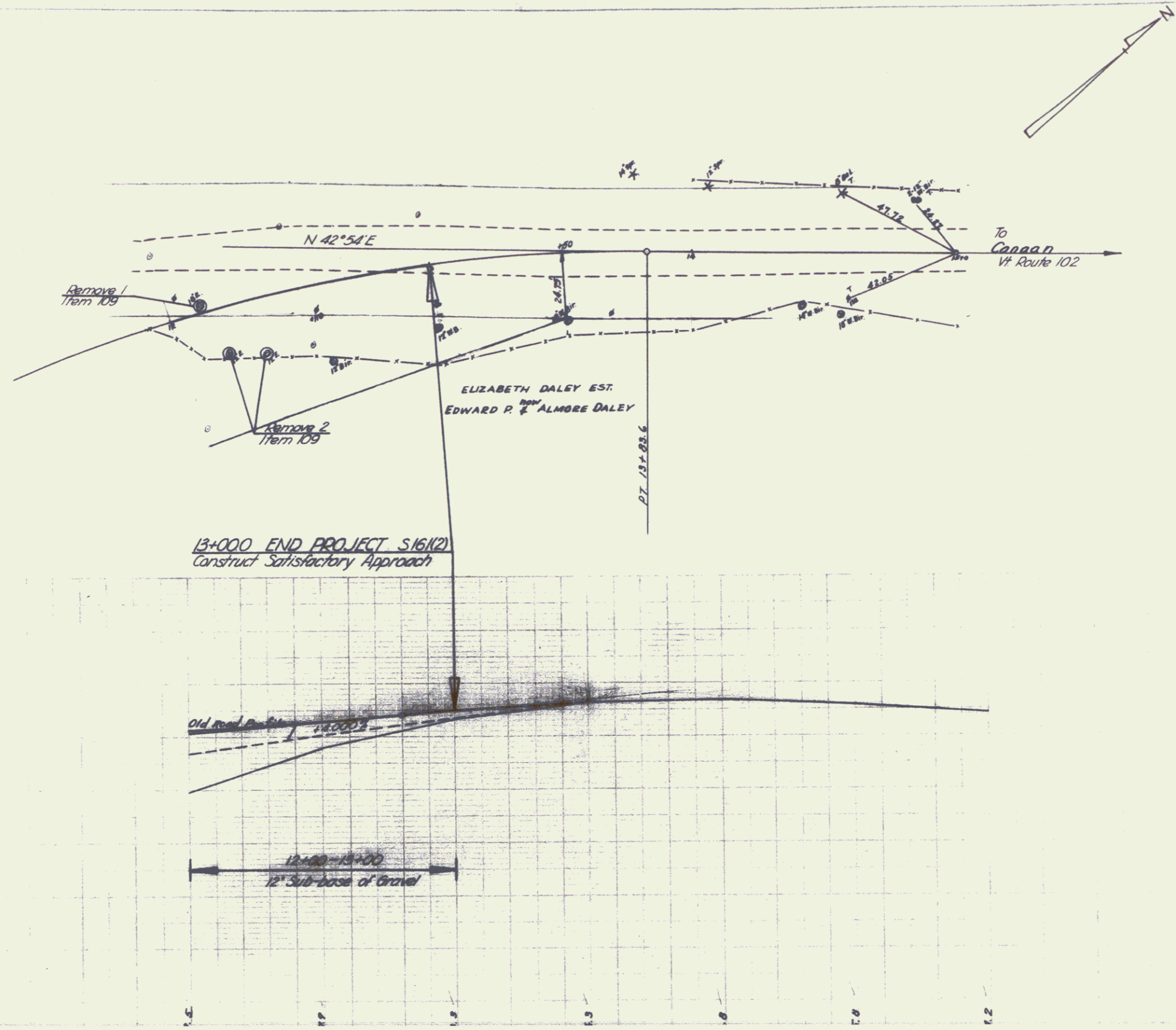
SHEET 5

3

Spaulding 12-27
1/2" Contour

Spaulding 12-27
1/2" Contour

210
200
190



5
16(12)

POST 147 - 1.5

SHEET 6

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