

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
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2.	TYPICAL CROSS SECTION OF IMPROVEMENT (1 1/2" BIT CONC. PAVEMENT - 17" H 31-8)
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4.	QUANTITY SHEET (DRAINAGE)
5.	EARTHWORK SHEETS
6.	STANDARD SHEET A-61 (DRILLING AND BLASTING)
7.	STANDARD SHEET B-1 (BANKING TABLES)
8.	STANDARD SHEET B-5 (TYPICAL SLOPE GRADING)
9.	STANDARD SHEET B-6 (POCK EXCAVATION)
10.	STANDARD SHEET B-10 (EMBANKMENT ON A SLOPE)
11.	STANDARD SHEET B-11 (SLOPE STABILIZATION)
12.	STANDARD SHEET C-1 (TREATED TIMBER CURB)
13.	STANDARD SHEET D-2 (CRM, HEADWALLS AND UNDERDRAIN)
14.	STANDARD SHEET D-3 (GUTTERS)
15.	STANDARD SHEET D-4 (FLUSHING BASINS)
16.	STANDARD SHEET E-1 (BARRICADES, SIGNS, AND LIGHTS)
17.	STANDARD SHEET E-31 (FEDERAL 110 CONSTRUCTION IDENTIFICATION SIGNS)
18.	STANDARD SHEET G-24 (140 GALLON GUARD RAIL)
19.	STANDARD SHEET G-4 (MARKER POSTS AND GUIDE POSTS)
20.	STANDARD SHEET J-1 (PROJECT MARKERS AND BOUNDARY MARKERS)
21.	RIGHT-OF-WAY DETAIL SHEET
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24-25.	DETAILS OF 13'-5" x 8'-1" x 80' CORRUGATED ARCH # STA. 343-45
26-27.	DETAILS OF 7'-0" x 5'-1" x 66' CORRUGATED ARCH # STA. 360-17
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33-34.	CURVE BANKING TRANSITION DIAGRAMS

**STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
Proposed Improvement**

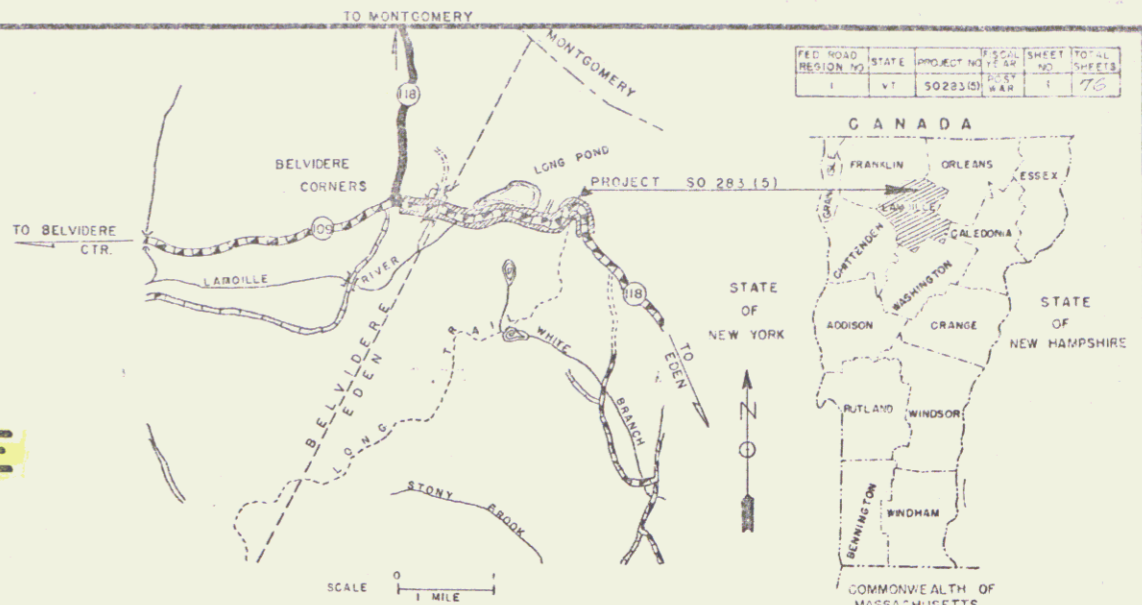
**TOWNS OF EDEN AND BELVIDERE  
COUNTY OF LAMOILLE  
VERMONT ROUTE # 118  
EDEN-BELVIDERE CORNERS ROAD**

BEGINNING AT A POINT APPROXIMATELY 1.60 MILES  
EASTERLY OF THE EDEN-BELVIDERE TOWN LINE  
AND EXTENDING WESTERLY 2.082 MILES.

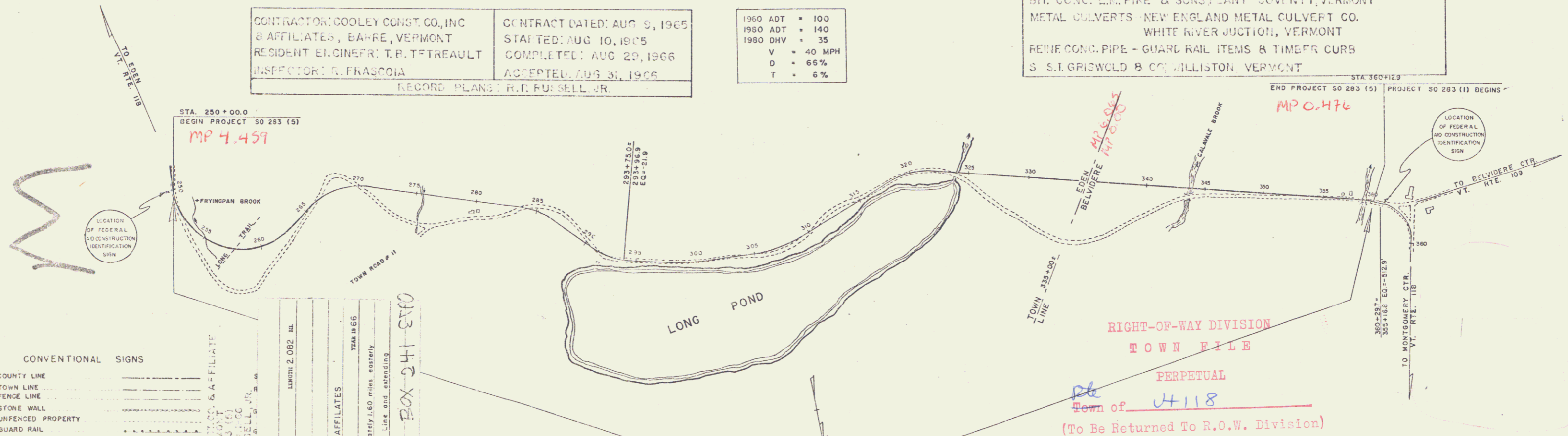
LENGTH OF PROJECT 10,991.0 FEET + 2.082 MILES

CONTRACTOR: COOLEY CONST. CO., INC & AFFILIATES, BARRE, VERMONT	CONTRACT DATED: AUG 9, 1965
RESIDENT ENGINEER: T.R. TREVAULT	STARTED: AUG 10, 1965
INSPECTOR: R. FRASCOIA	COMPLETED: AUG 29, 1966
	ACCEPTED: AUG 31, 1966

1960 ADT * 100
1960 ADT * 140
1980 DHV * 35
V = 40 MPH
D = 66%
T = 6%



PROJECT NAME & NUMBER	TYPE	PAVMT	AREA
EDEN-BELVIDERE S 0283(5)	BIT. CONC.	26,003	S.Y.
RECORD PLANS			
MATERIALS			
SUBBASE OF GRAVEL - LEACH PIT, BELVIDERE, VERMONT			
SUBBASE OF SAND - BROWN PIT, EDEN, VERMONT			
ASPHALT - MOBIL OIL CO., ALBANY, NEW YORK			
BIT. CONC. L.M. PIKE & SONS PLANT COVENTRY, VERMONT			
METAL CULVERTS - NEW ENGLAND METAL CULVERT CO. WHITE RIVER JUNCTION, VERMONT			
REINFORCED CONC. PIPE - GUARD RAIL ITEMS & TIMBER CURB			
S. S. I. GRISWOLD & CO. MILLISTON, VERMONT			



**CONVENTIONAL SIGNS**

COUNTY LINE	---
TOWN LINE	---
FENCE LINE	---
STONE WALL	---
UNFENCED PROPERTY	---
GUARD RAIL	---
TRAVELED WAY	---
RAILROAD	---
RETAINING WALL	---
CENTER LINE	---
SURVEY LINE	---
CULVERT	---
DROP INLET	---
TROLLEY POLE	---
POWER POLE	---
TELEPHONE POLE	---
TREES	---
HEDGE	---



APPROVED: <i>[Signature]</i> ASST. CHIEF ENGINEER DATE: 7/14/1964	APPROVED: <i>[Signature]</i> SECONDARY ENGINEER DATE: 10/14/1964	APPROVED: <i>[Signature]</i> CONSULTING ENGINEER DATE: 10/14/1964	APPROVED: <i>[Signature]</i> ENGINEER DATE: 10/14/1964	APPROVED: <i>[Signature]</i> DISTRICT ENGINEER DATE: 9/14/1964	APPROVED: <i>[Signature]</i> HIGHWAY ENGINEER DATE: 10/14/1964	APPROVED: <i>[Signature]</i> DATE: 10/14/1964
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DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

APPROVED: *[Signature]*

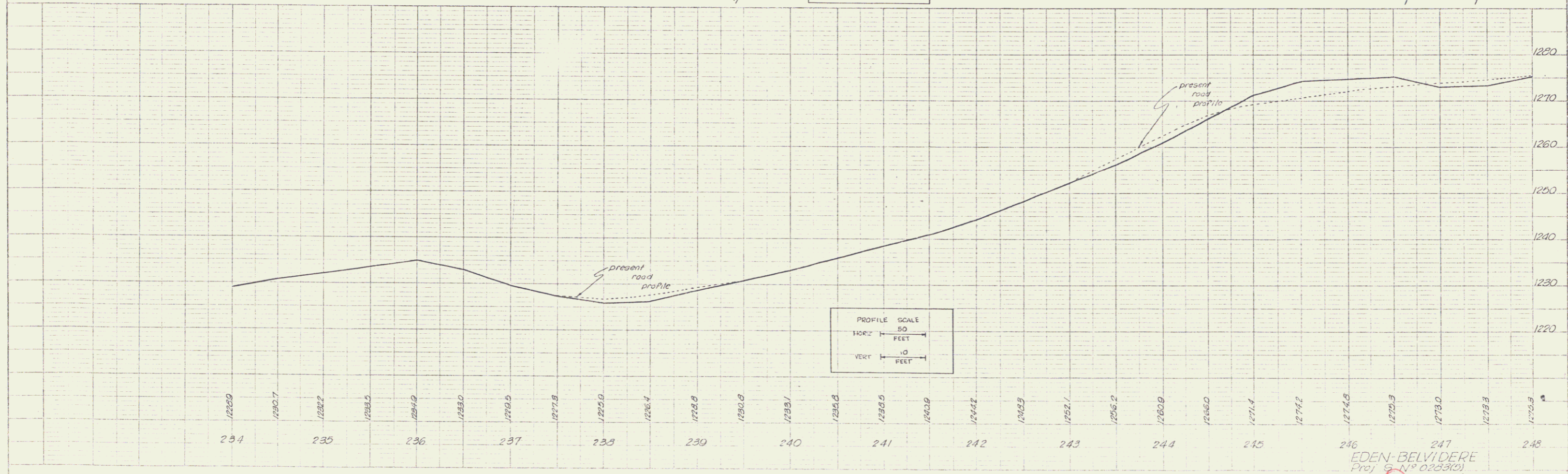
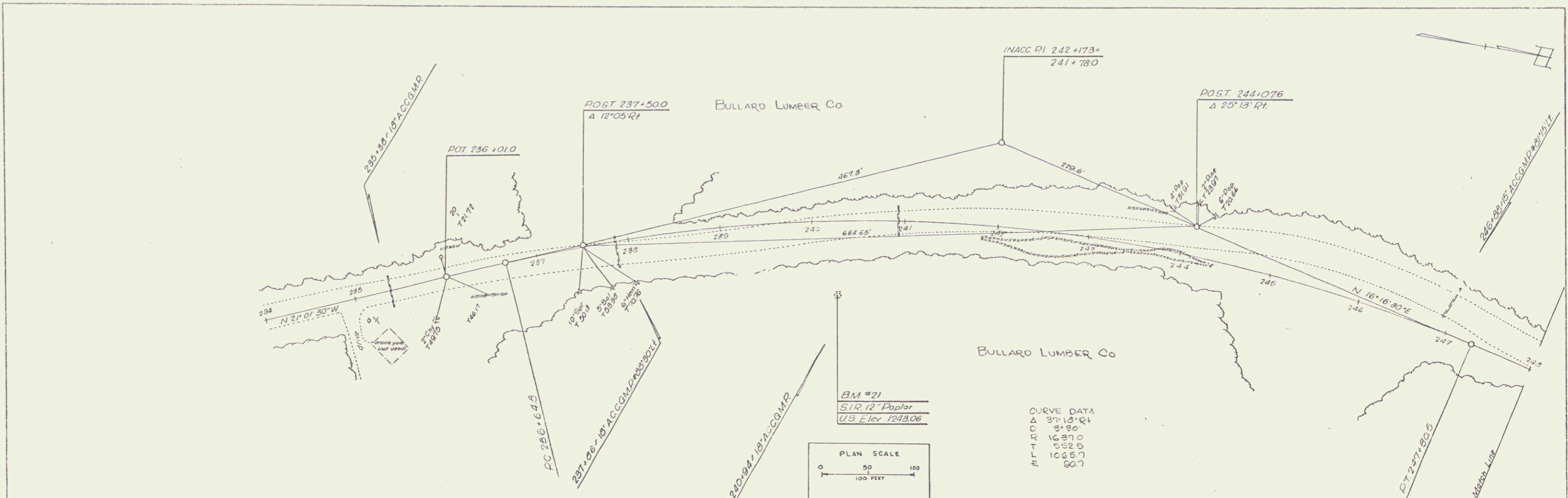
DIVISION ENGINEER DATE

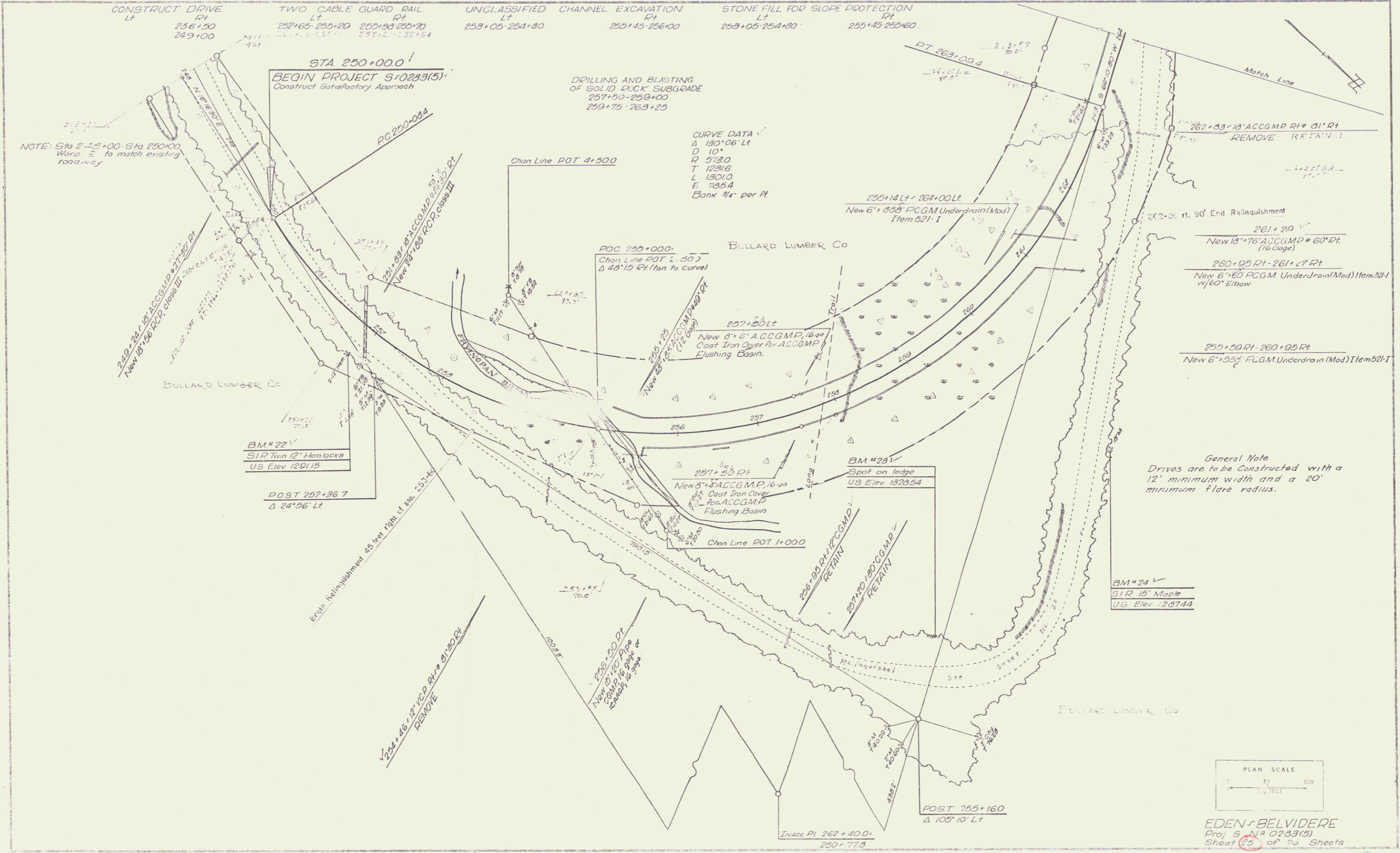
PROJECT S. NO. 0283(5)

SHEET 1 OF 76 SHEETS

PLAN  
 7-65  
 5-65  
 Kullerdt  
 Lawman

PROFILE  
 7-65  
 5-65  
 Kullerdt  
 Lawman





NOTE: Sta 2+25+00 - Sta 250+00  
 Word E to match existing  
 roadway

STA 250+00.0  
**BEGIN PROJECT S 0233(5)**  
 Construct Satisfactory Approach

DRILLING AND BLASTING  
 OF SOLID ROCK SUBGRADE  
 257+50 - 259+00  
 259+75 - 263+25

CURVE DATA  
 Δ 130° 06' Lt  
 D 10'  
 R 5720  
 T 1231.8  
 L 1301.0  
 E 785.4  
 Bank 1/4' per ft

POT 250+000  
 Chan Line POT 1+500  
 Δ 48° 15' Rt (tan to curve)

BULLARD LUMBER CO

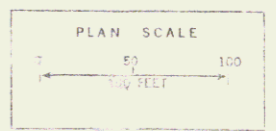
BM # 22  
 S.I.R. Twin 12" Hemlocks  
 U.S. Elev 1291.15

POST 252+36.7  
 Δ 24° 56' Lt

BM # 23  
 Spot on ledge  
 U.S. Elev 1328.54

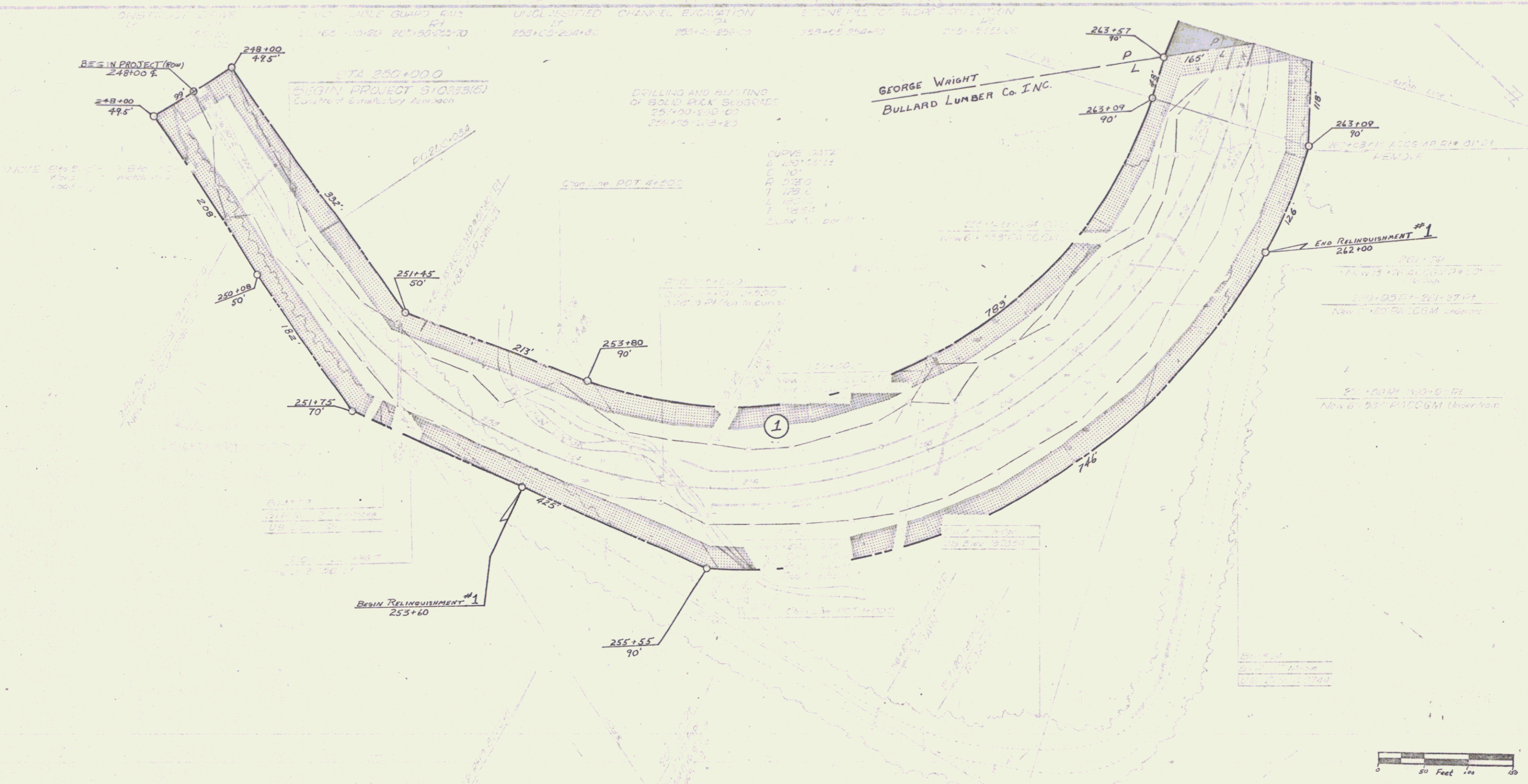
BM # 24  
 S.I.R. 15" Maple  
 U.S. Elev 1287.44

General Note  
 Drives are to be constructed with a  
 12' minimum width and a 20'  
 minimum flare radius.



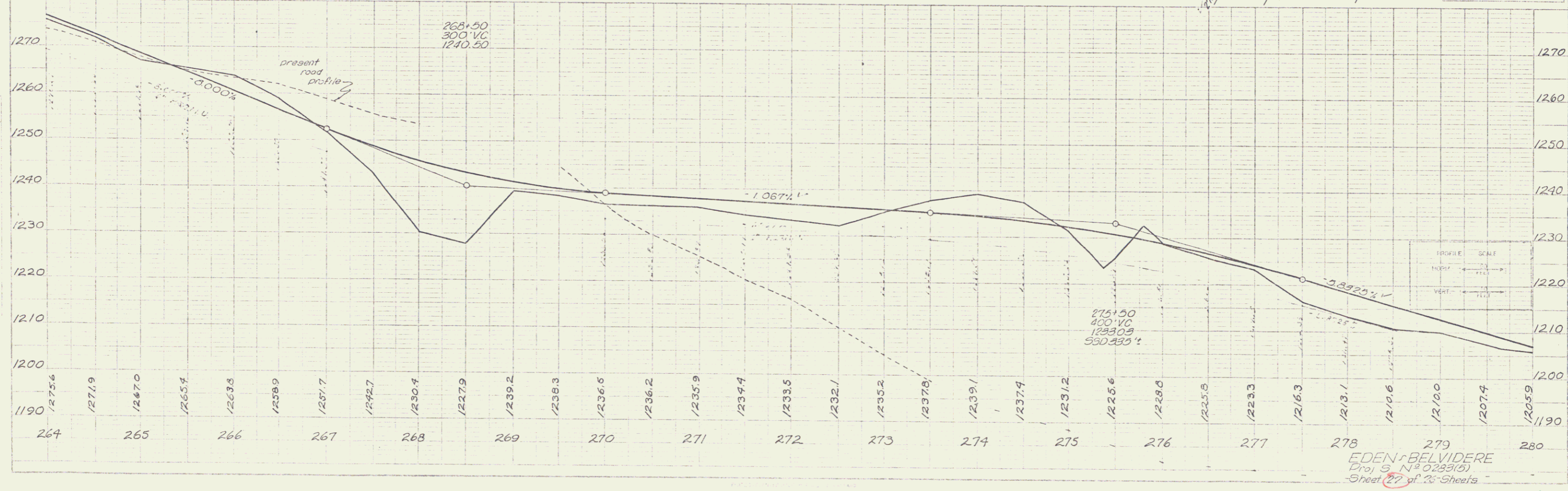
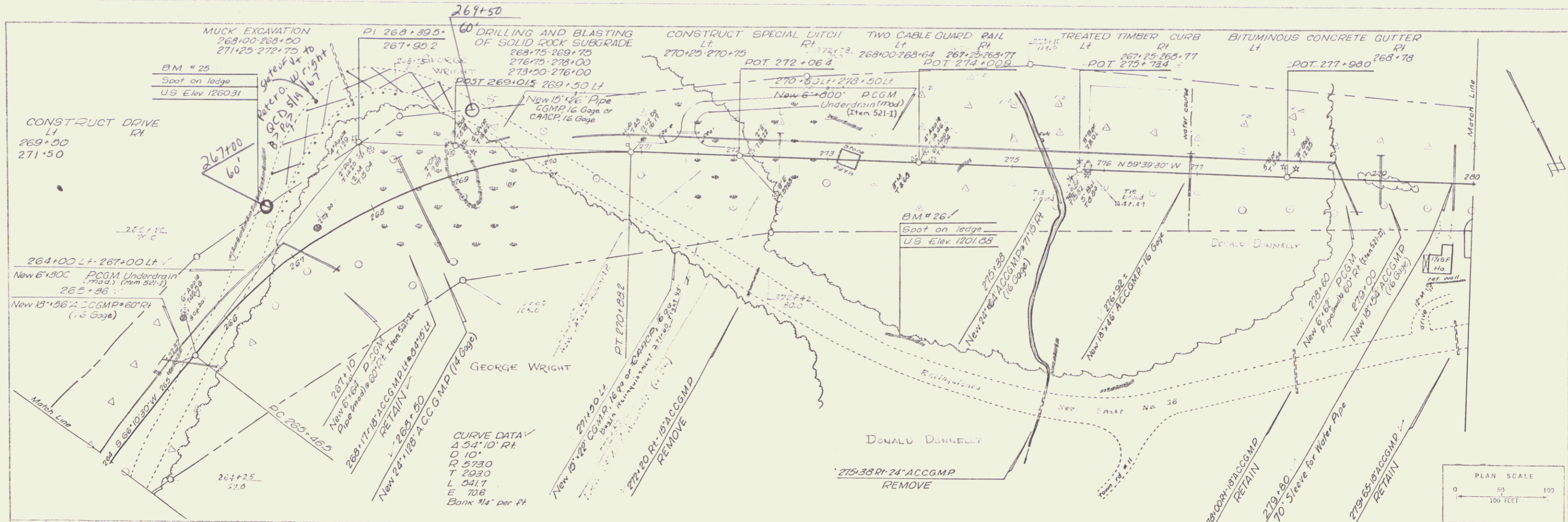
EDEN & BELVIDERE  
 Proj S N 0233(5)  
 Sheet 20 of 20 Sheets

POOR ORIGINAL COPY



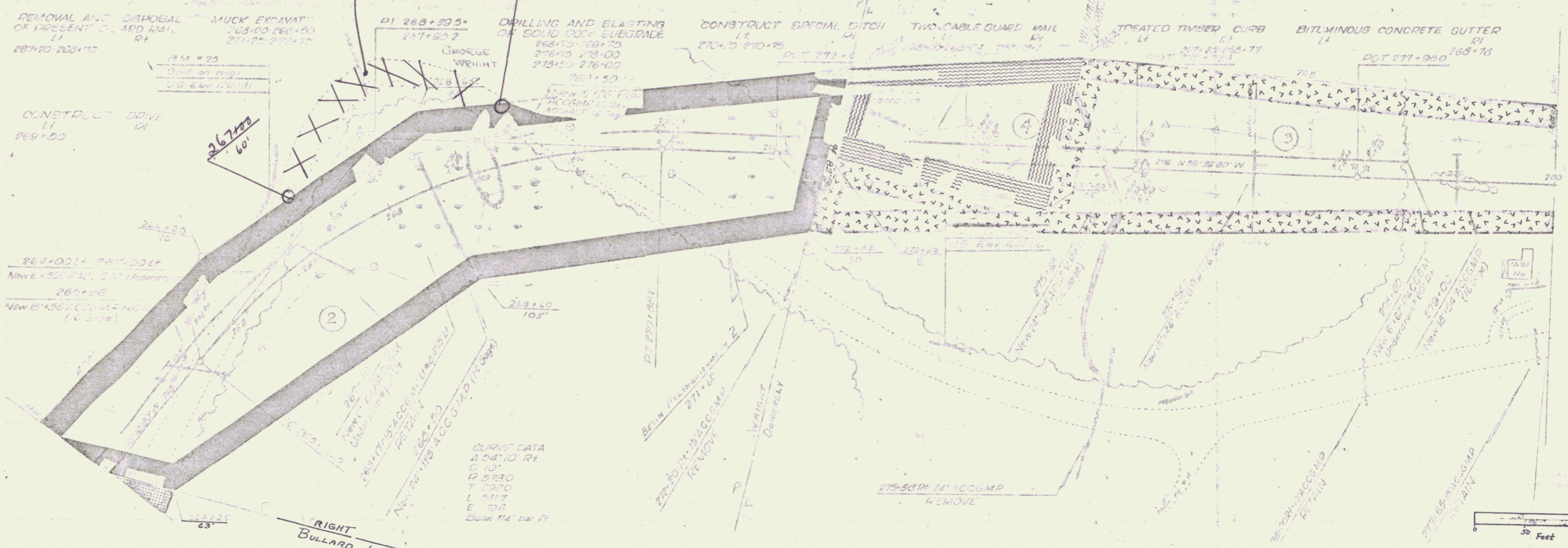
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT - OF - WAY PLANS  
 PROJECT: EDEN - BELVIDERE  
 No. S0283 (5)  
 SHEET 6 OF 13

SHEET 25A



POOR ORIGINAL COPY

State of Vt to  
Peter O. Wright by ACS  
dated 5/19/67  
recorded - Eden Bk? P5?



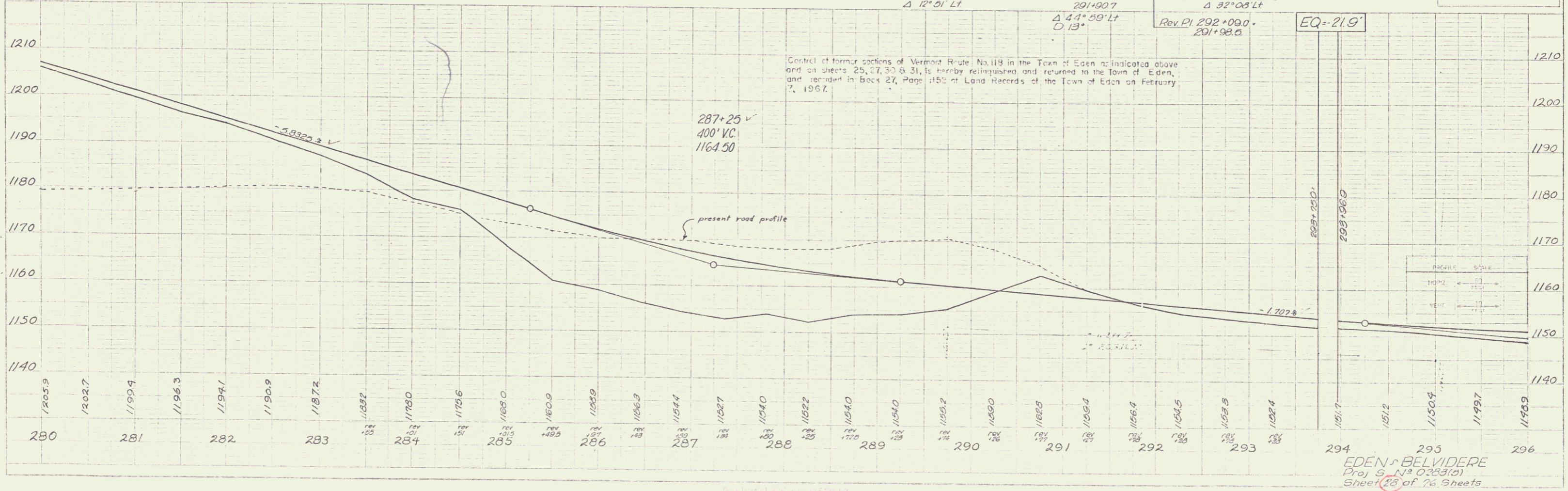
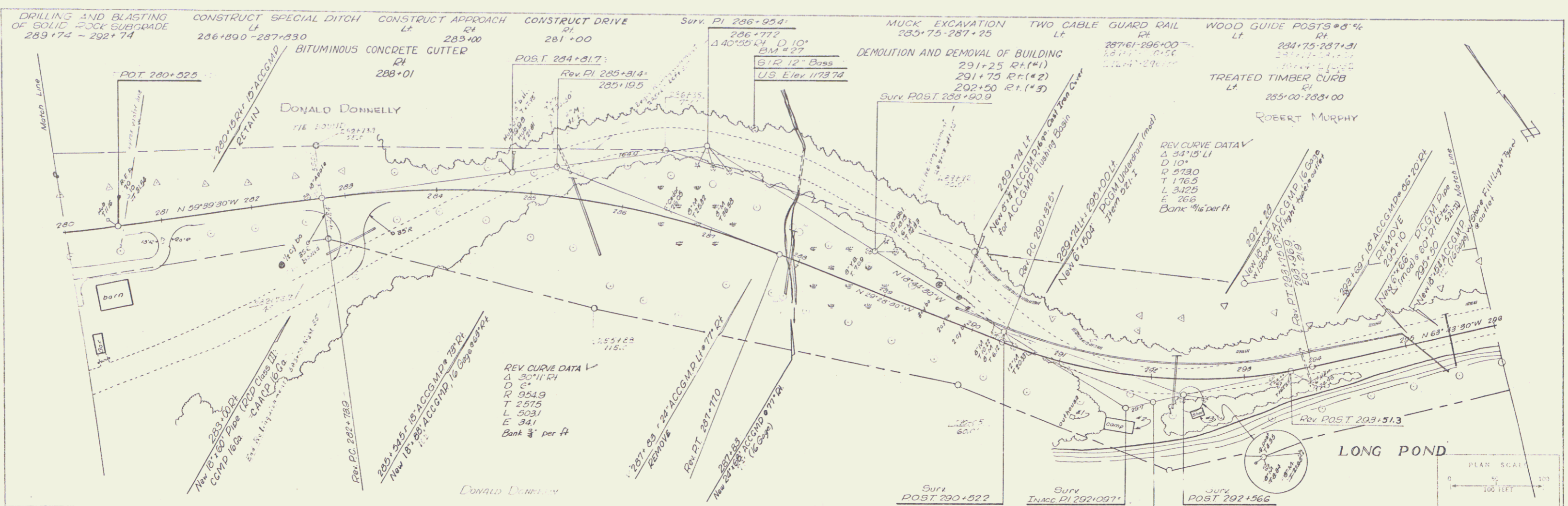
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT: EDEN - BELVIDERE  
 No. S 0283 (5)  
 SHEET 7 OF 13

SHEET 27A

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PLAN  
 4 TRACED  
 MILLER LAURMAN  
 12-53

DESIGNED BY  
 BUCKLEY & GIBSON  
 12-53



EDEN & BELVIDERE  
 Proj 5 N 0333(a)  
 Sheet 23 of 76 Sheets

POOR ORIGINAL COPY

DRILLING AND BLASTING OF SOLID ROCK SUBGRADE 289+74 - 292+74  
 CONSTRUCT SPECIAL DITCH 286+800 - 287+630  
 BITUMINOUS CONCRETE CUTTER 288+01  
 CONSTRUCT APPROACH 285+00  
 BRON RELINQUISHMENT #3 STA 285+60  
 POST 284+817  
 Rev. PI 285+814 285+105  
 PI 285+254  
 286+772  
 Δ 40' 00" Δ 10'  
 B.M. #27  
 31.2 12" B.M.#28  
 U.S. Elev. 1173.12  
 MUCK EXCAVATION 285+75 - 287+25  
 DEMOLITION AND REMOVAL OF BUILDING 291+00  
 292+50  
 Sur. Post 288+60.91  
 TWO CABLE GUARD RAIL 287+40 - 290+00  
 WOOD GUIDE POSTS #8 1/4 284+75 - 287+31  
 TREATED TIMBER CURB 289+00 - 285+00

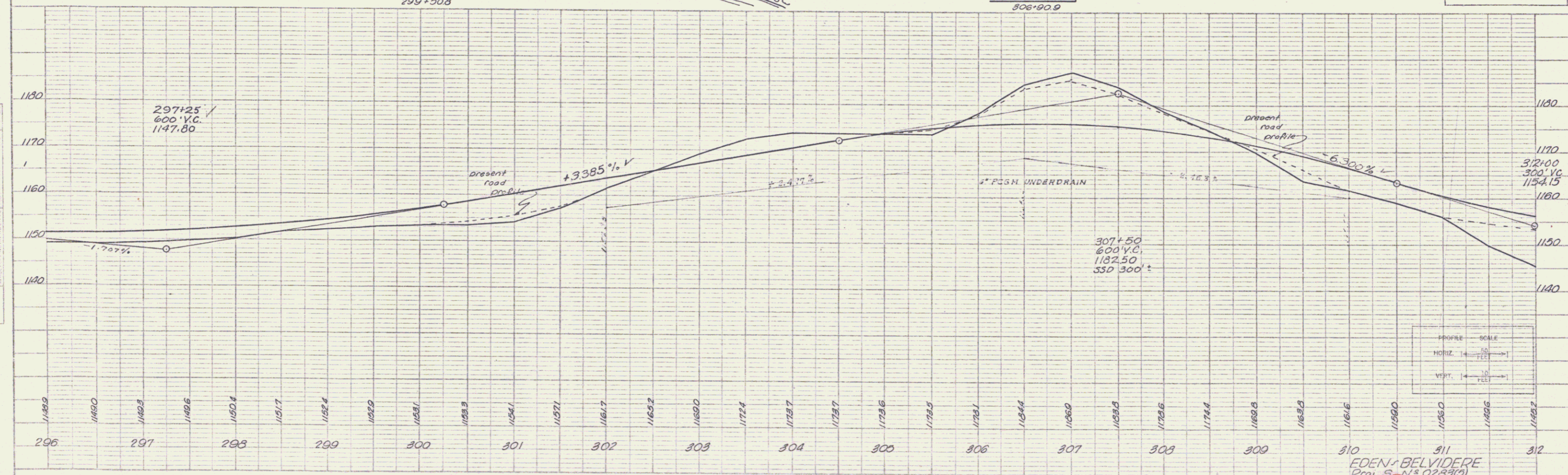
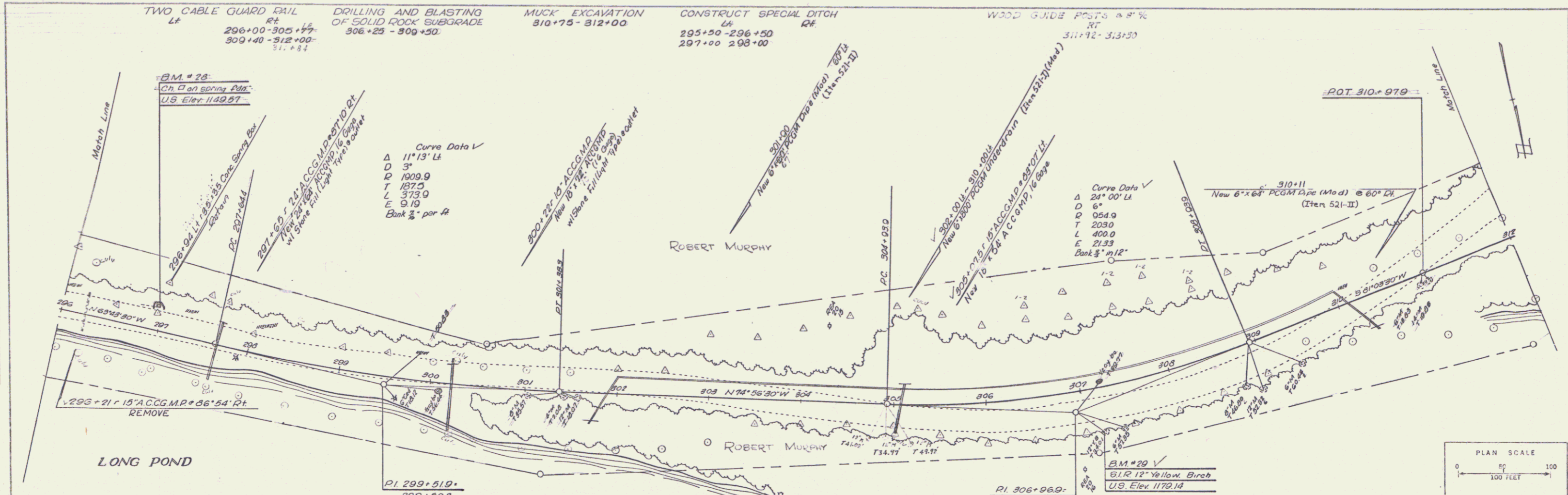


VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT - OF - WAY PLANS  
 PROJECT: EDEN - BELVIDERE  
 No. S 0283(5)  
 SHEET 8 OF 13

SHEET 20A

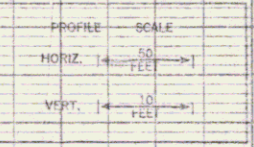
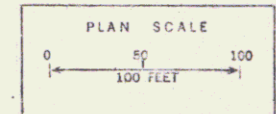
8

POOR ORIGINAL COPY



PLAN  
 DATE: 10-27-52  
 DRAWN BY: Valerius Larshen  
 CHECKED BY: G. J. ...  
 PROJECT: ...

PROFILE  
 DATE: 1-15-53  
 DRAWN BY: G. J. ...  
 CHECKED BY: Valerius Larshen  
 PROJECT: ...



EDEN-BELVIDERE  
 Proj. S. 13 0233(0)  
 Sheet 20 of 26 Sheets

POOR ORIGINAL COPY

TWO CABLE GUARD RAIL  
111  
800-00-330-107  
330-140-212-105

DRILLING AND BLASTING  
OF TROD CURE SUBGRADE  
810-125-932-450

MUCK EXCAVATIONS  
810-175-812-000

CONSTRUCT SPECIAL DITCH  
195-11-854-500  
197-1-243-400



Curve Data  
Δ 11°15' LA  
D 3'  
P 1000.9  
T 157.0  
L 373.0  
C 0.19  
Elev 2' per ft

Curve Data  
Δ 2°10' LA  
D 6'  
P 0.549  
T 2.30  
L 4.00  
C 2.35  
Elev 1' per ft

LONG POND

P1 295+51.0  
295+50.0

P1 304+98.0  
306+50.0

VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT: EDEN - BELVIDERE  
NO. S 0283 (5)  
SHEET 9 OF 13

SHEET 29A

10

MUCK EXCAVATION  
312+00 - 317+25  
322+50 - 326+00

BM #30  
SIP 24" Yellow Birch  
U.S. Elev 1161.25

TWO CABLE GUARD RAIL  
LI 312+50 - 312+50 312+00 - 312+00  
312+50 - 312+54 312+41 - 312+40  
312+50 - 312+53 312+53 - 312+51

CONSTRUCT TURNOUT  
LI 314+25 - 315+75

CONSTRUCT DRIVE  
LI 322+15

POST 310+50.0  
 $\Delta 22^{\circ}08'40''$  Rt

Inacc PI 320+053  
320+726

POST 322+84.0  
 $\Delta 15^{\circ}01'$  Rt

LONG POND

CURVE DATA  
 $\Delta 31^{\circ}09'40''$  Rt  
D 67  
T 254.0  
L 321.0  
E 526  
Bank 1/4" in 12"

PLAN SCALE  
0 50 100  
100 FEET

PLAN  
DATE: 5/24/01  
BY: J. LAURITSON  
CHECKED: J. LAURITSON  
SCALE: AS SHOWN

PROFILE  
DATE: 5/24/01  
BY: J. LAURITSON  
CHECKED: J. LAURITSON  
SCALE: AS SHOWN

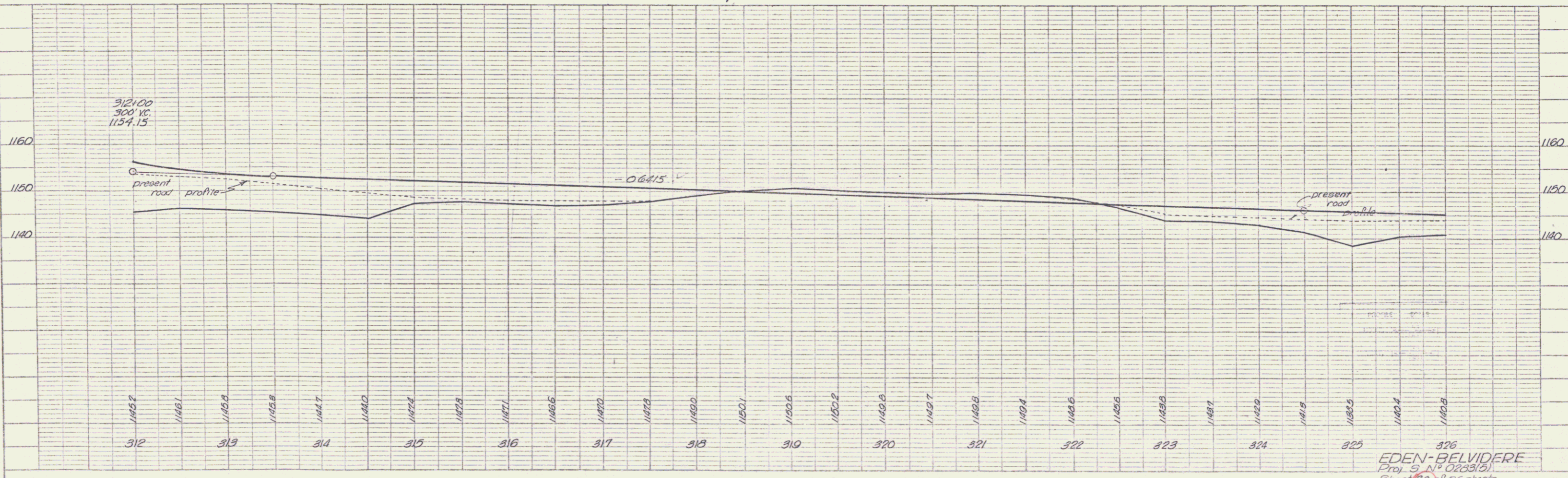


PLATE 1, PLAN/PROFILE  
KEEPA & BENT CO.  
AN P&E SPECIALTY ENGINEERING FIRM

EDEN-BELVIDERE  
Proj. S. N. Ozon  
Sheet 30 of 26 sheets

POOR ORIGINAL COPY

MUCK EXCAVATION  
312+00 - 312+50  
312+50 - 312+75

TWO CABLE GUARD RAIL  
312+11 - 312+50  
312+01 - 312+24  
312+21 - 312+40

CONSTRUCT TURNOUT  
314+25 - 315+25

CONSTRUCT DRIVE  
317+00

Incr. DI 320+00.5  
320+70.6

POST 322+00.0  
322+01.4

686'

MURPHY BARRY and/or MURPHY  
325+00

LONG POND

CURVE DATA  
A 28'00" 20'01"  
C 6'  
D 6643  
T 20'0"  
L 6'00"  
E 0.06  
Conv. 11" in 12'

Begin Realignement #4  
323+75



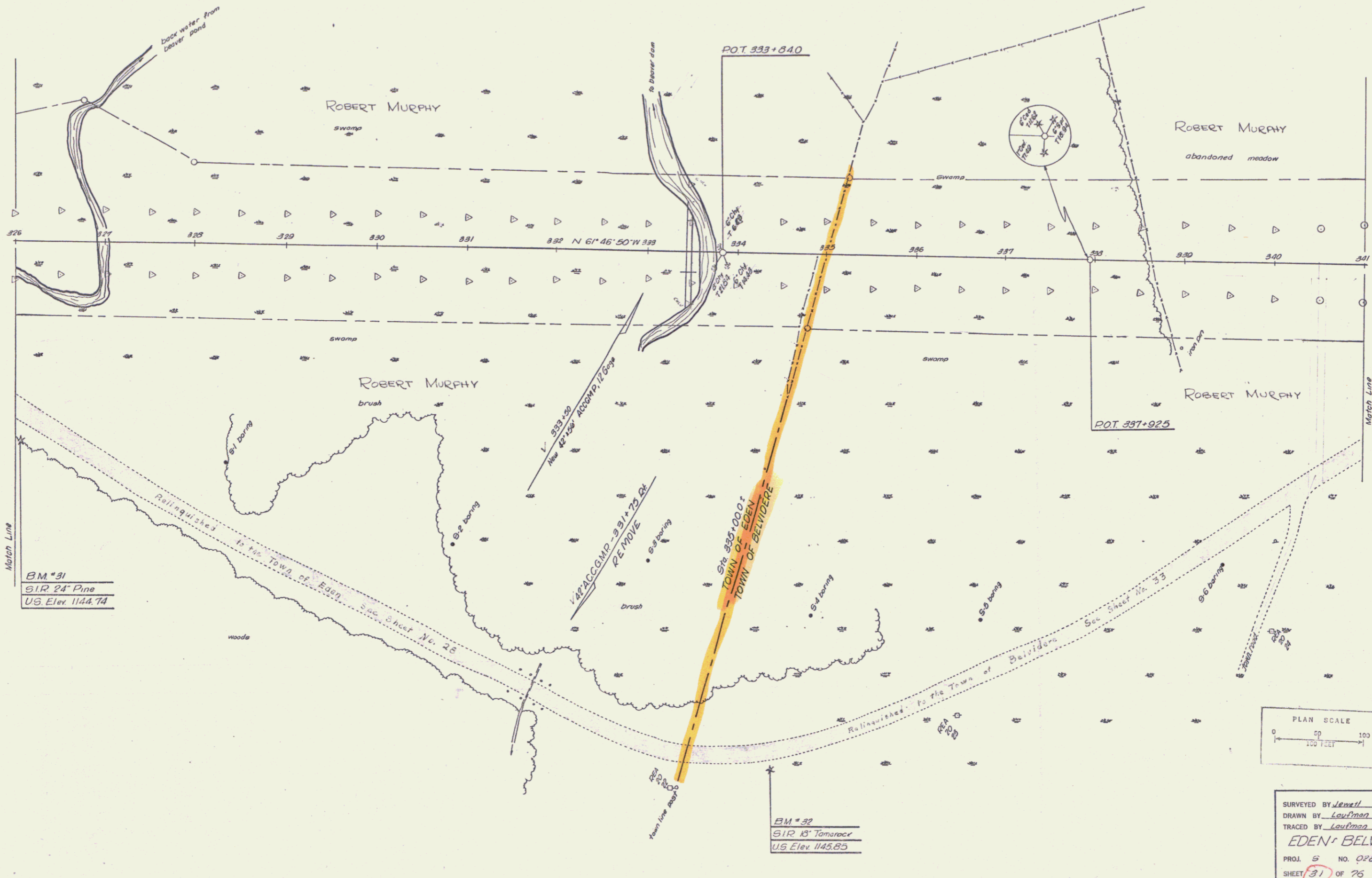
VERMONT DEPARTMENT OF HIGHWAYS  
EDEN - BELVIDERE  
PROJECT - EDEN - BELVIDERE  
NO. S 0283 (5)  
SHEET 10 OF 13

SHEET 30A

MUCK EXCAVATION  
326+00 - 341+00

WOOD PILE POSTS  
342+50 RT

CONCRETE PILE HEAD  
341+50 RT



INDEX EXCAVATION  
326+51 - 331+00

326+10  
144'

326+75  
160'

70'

220+00  
140'

732'

9

335+25  
85'

POT 333+84

928'

5B

1062'

5C

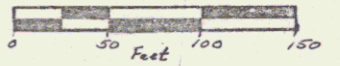
852'

331+75  
80'

POT 337+025

DATE: 11/24/92  
BY: [Signature]

END RELINQUISHMENT #4 BEGIN RELINQUISHMENT #5  
333+50



VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT: EDEN - BELVIDERE  
NO. S 0283(5)  
SHEET 11 OF 13

SHEET 31A



POOR ORIGINAL COPY

MUCK EXCAVATION  
341+00 - 343+00

TWO CABLE GUARD RAIL  
342+70 - 343+30    342+75 - 343+90

ML DOT 342+00.0  
Clear Line DOT 340.00  
See sheet 12 of sheets



END RELINQUISHMENT  
343+05

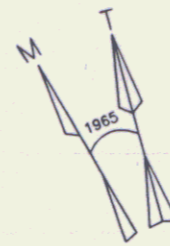
BRIDGE DATA  
TYPE Concrete Slab  
ROADWAY WIDTH 18'0"  
CLEAR SPAN 25'0"  
CLEAR HEIGHT 20'

E.M. 89  
11'12" 30" Reference  
15' ELEV 105.25

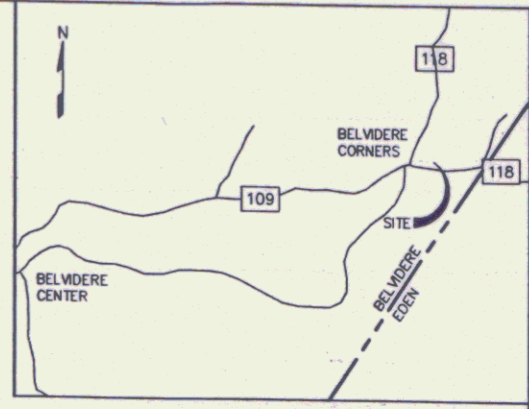
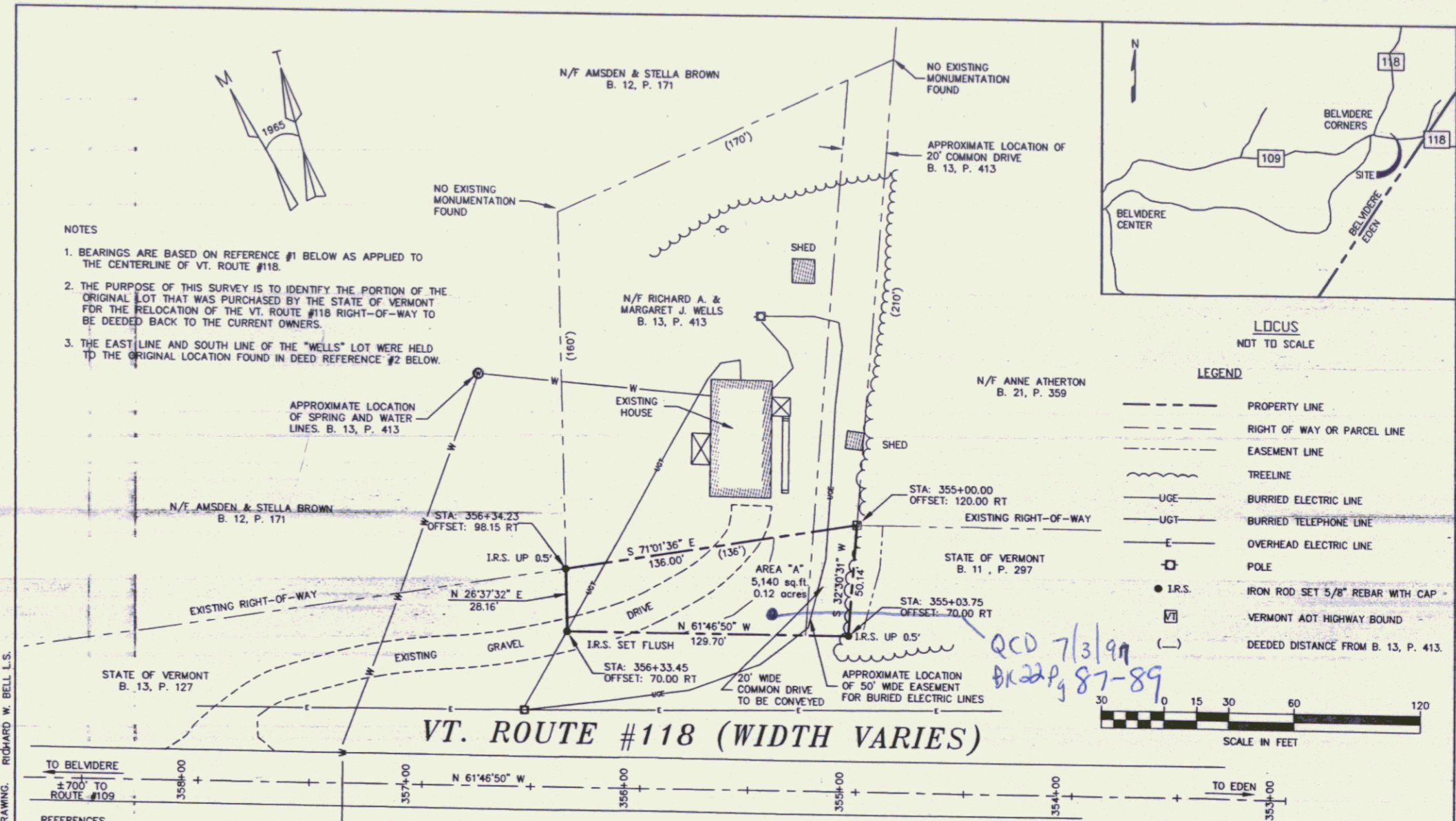
VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT EDEN - BELVIDERE  
NO. S 0283 (5)  
SHEET 12 OF 13

SHEET 33A

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- NOTES
1. BEARINGS ARE BASED ON REFERENCE #1 BELOW AS APPLIED TO THE CENTERLINE OF VT. ROUTE #118.
  2. THE PURPOSE OF THIS SURVEY IS TO IDENTIFY THE PORTION OF THE ORIGINAL LOT THAT WAS PURCHASED BY THE STATE OF VERMONT FOR THE RELOCATION OF THE VT. ROUTE #118 RIGHT-OF-WAY TO BE DEEDED BACK TO THE CURRENT OWNERS.
  3. THE EAST LINE AND SOUTH LINE OF THE "WELLS" LOT WERE HELD TO THE ORIGINAL LOCATION FOUND IN DEED REFERENCE #2 BELOW.



LOCUS  
NOT TO SCALE

LEGEND

- PROPERTY LINE
- - - RIGHT OF WAY OR PARCEL LINE
- - - EASEMENT LINE
- ~ ~ ~ TREELINE
- - - UGE BURIED ELECTRIC LINE
- - - UGT BURIED TELEPHONE LINE
- - - E OVERHEAD ELECTRIC LINE
- POLE
- I.R.S.
- IRON ROD SET 5/8" REBAR WITH CAP
- ▭ VERMONT ADT HIGHWAY BOUND
- ( ) DEEDED DISTANCE FROM B. 13, P. 413.

SCALE IN FEET

0 15 30 60 90 120

QCD 7/3/99  
BK 229, 87-89

I CERTIFY THAT THIS PLAT IS AN ORIGINAL INK ON MYLAR DRAWING. RICHARD W. BELL L.S.

- REFERENCES
1. PLAN ENTITLED "STATE OF VERMONT, AGENCY OF TRANSPORTATION, TOWN OF BELVIDERE, PROJECT EDEEN-BELVEDERE, S-0283(5)" DATED 1965 AND ON FILE WITH THE AGENCY OF TRANSPORTATION, MONTPELIER, VERMONT.
  2. WARRANTY DEED OF AMSDEN AND STELLA BROWN TO RICHARD A. AND MARGARET A. WELLS, DATED JUNE 12, 1969 AND RECORDED IN BOOK 13, PAGE 413 OF THE TOWN OF BELVIDERE LAND RECORDS.
  3. WARRANTY DEED OF ROBERT AND LUCY MURPHY TO GEORGE AND LUTIE HINDS, DATED JUNE 18, 1966 AND RECORDED IN BOOK 14, PAGE 38 OF THE TOWN OF BELVIDERE LAND RECORDS.
  4. QUIT CLAIM DEED OF AMSDEN, L. AND STELLA M. BROWN TO STATE OF VERMONT, DATED APRIL 16, 1965 AND RECORDED IN BOOK 13, PAGE 127 OF THE TOWN OF BELVIDERE LAND RECORDS.
- EASEMENTS
1. RIGHT OF WAY EASEMENT FROM RICHARD AND MARGARET WELLS TO VERMONT ELECTRIC COOPERATIVE, INC., JOHNSON, VERMONT, DATED NOVEMBER 8, 1991 AND RECORDED IN BOOK 19, PAGE 280 OF THE TOWN OF BELVIDERE LAND RECORDS. (50' WIDE EASEMENT, LOCATION SHOWN IS APPROXIMATE.)

- EASEMENTS CONT.
2. "RIGHT OF WAY 20 FEET IN WIDTH RUNNING SOUTHEASTERLY ALONG THE NORTHEASTERLY BOUNDARY" RESERVED BY AMSDEN AND STELLA BROWN IN DEED TO RICHARD AND MARGARET WELLS. SEE REFERENCE #2 ABOVE. EXACT LOCATION UNKNOWN.
  3. PER RIGHT-OF-WAY MANAGER NYNEX DOES NOT REQUIRE EASEMENT FOR INDIVIDUAL SERVICE INSTALLED BY OWNER. STATEMENT MAY APPEAR IN SERVICE AGREEMENT.
  4. SPRING RIGHTS GRANTED BY BOOK 13, PAGE 413 OF THE TOWN OF BELVIDERE LAND RECORDS.
  5. OTHER EASEMENTS RECORDED OR UNRECORDED MAY EXIST.
- SURVEYOR'S ABSTRACT
1. THE EAST PROPERTY LINE WAS ESTABLISHED BY HOLDING THE CONCRETE MONUMENT AND ESTABLISHING A MONUMENT OF RECORD ON THE SOUTH SIDE OF ROUTE #118 AT STATION 355+18, 120' LT.
  2. THE NORTH LINE WAS ESTABLISHED BY HOLDING THE CONCRETE MONUMENT AND ESTABLISHING A LOT CORNER OF RECORD ON THE NORTH SIDE OF ROUTE #118 AT STATION 359+30, 50' RT.
  3. ALL OTHER LINES WERE HELD TO DEEDED DISTANCES.

CERTIFICATION

I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE PARCEL BOUNDARIES DETERMINED AS NOTED HEREON AND IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS SURVEY WAS PERFORMED WITH ELECTRONIC TOTAL STATION SURVEY EQUIPMENT, WITH A POSITIONAL TOLERANCE CONFIDENCE LEVEL ABOVE 95% FOR A SUBURBAN SURVEY. I FURTHER CERTIFY THAT THIS PLAT MEETS ALL THE REQUIREMENTS OF TITLE 27 V.S.A. SECTION 1403.

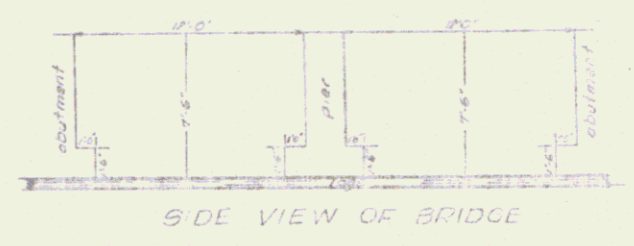
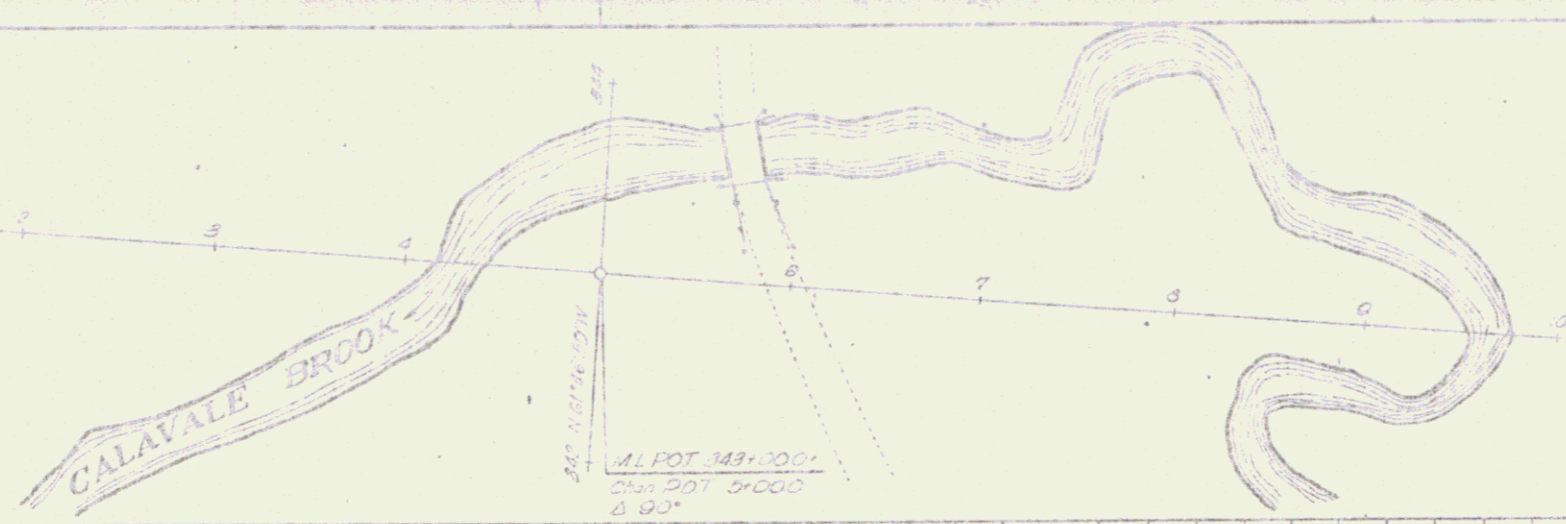
*Richard W. Bell*  
RICHARD W. BELL L.S. #638 VT.  
DATED *April 16, 1997*

STATE OF VERMONT  
RICHARD W. BELL  
No. 638  
LICENSED LAND SURVEYOR

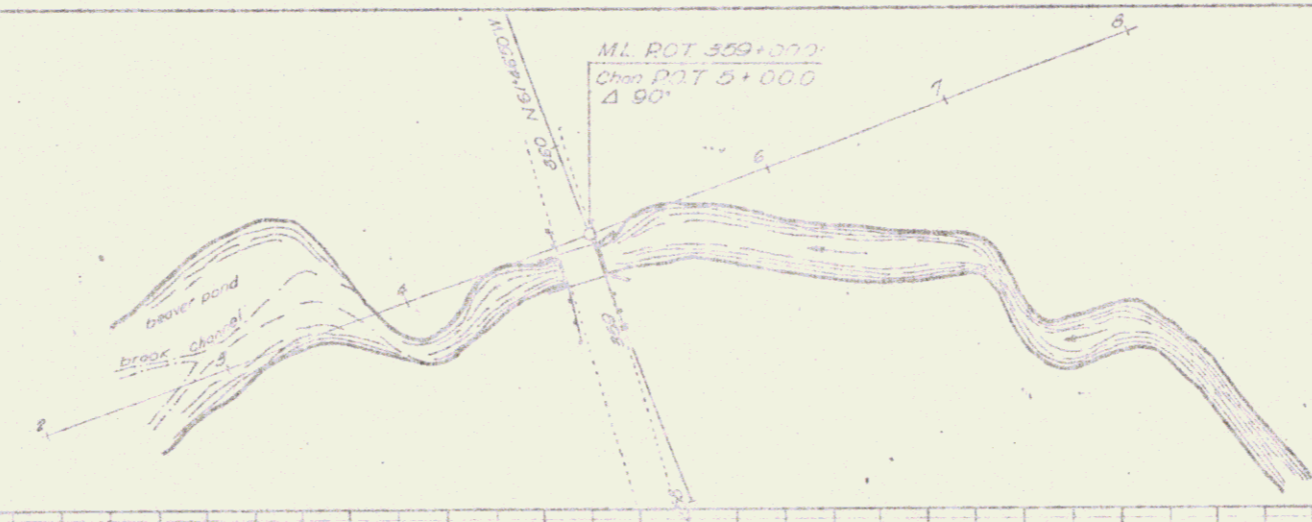
SCALE: 1"=30' DATE: JAN. 1997 PROJ. # 14290 DWG. # S-612  
FLD. BK/PG. 699/66 COMPUTED BY: RMB SHEET 1 OF 1

PLAT OF A PORTION OF LANDS OF STATE OF VERMONT ROUTE #118 BELVIDERE, VERMONT

POOR ORIGINAL COPY



Main Line POT 343+000 Channel Line POT 5+000



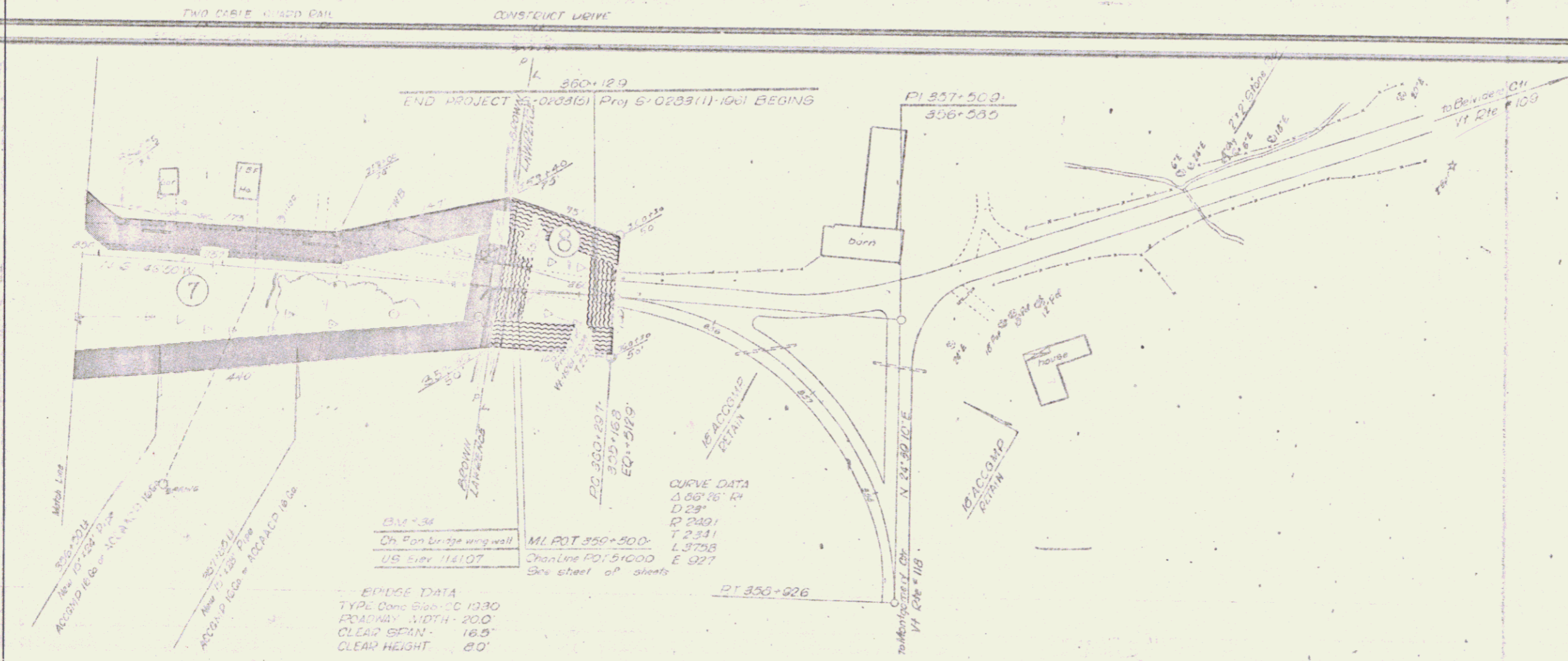
VERMONT DEPARTMENT OF HIGHWAYS  
 RIGHT-OF-WAY PLANS  
 PROJECT: EDEN - BELVIDERE  
 No. S.0283 (5)  
 SHEET 13 B OF 13

138 13 SHEET 33C

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POOR ORIGINAL COPY



PLAN	DATE
DATE	BY
DATE	BY
DATE	BY

EPISODE DATA  
TYPE Conc Span CC 1930  
ROADWAY WIDTH - 20.0'  
CLEAR SPAN - 16.0'  
CLEAR HEIGHT - 20.0'

Ch. Fan bridge wing wall  
US Elev. 114107

ML POT 350+900  
Chan Line POT 510000 E 927  
Site street of sheets

RT 350+926

VERMONT DEPARTMENT OF HIGHWAYS  
RIGHT-OF-WAY PLANS  
PROJECT: EDEN - BELVIDERE  
NO. S 0283 (5)  
SHEET 13 OF 13

SHEET 34A

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