

INDEX OF SHEETS

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| 3 | BANKING AND WIDENING TABLES |
| 4 | PLAN AND PROFILE |
| 5 | STANDARD STRUCTURE SHEET |
| 6 | PIPE CULVERTS |
| 7 | GUARD RAIL |
| 8 | JTD UNDERDRAIN |
| 9 | LANDSCAPING, LIGHTS & SIGNS |
| 10 | FOUNDATIONS OF CUT SLOPES |
| 11 | CROSS SECTIONS |

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

SECONDARY PROJECT

VT. ROUTE 100

TOWN OF WAITSFIELD

MIDDLESEX - ROCHESTER ROAD

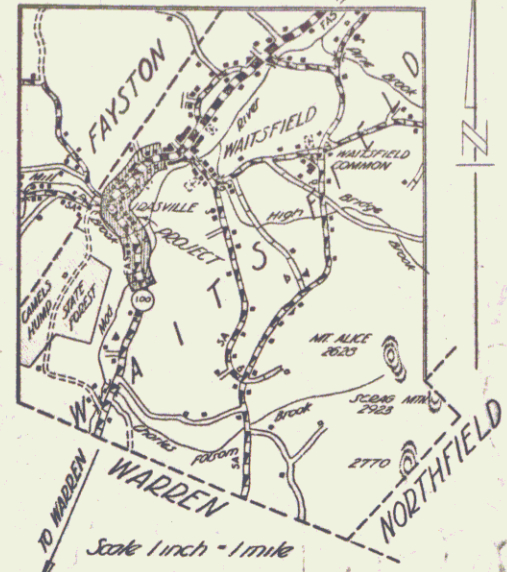
BEGINNING AT A POINT 4.1 MILES SOUTH OF THE MORETOWN-WAITSFIELD TOWN LINE AND EXTENDING SOUTHERLY 1.755 MILES TO A POINT 1.7 MILES NORTH OF THE WAITSFIELD-WARREN TOWN LINE

LENGTH OF PROJECT 9277.9 FT. = 1.757 MILES

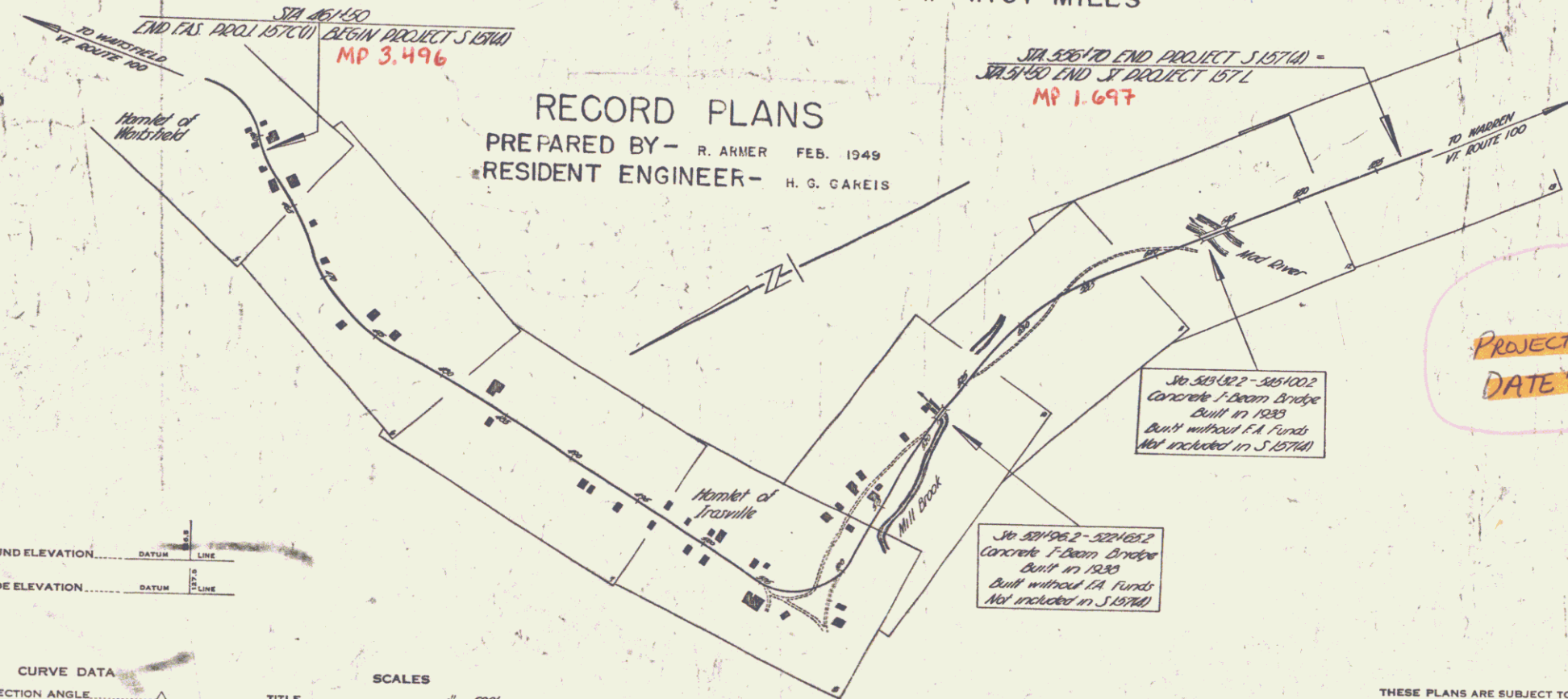
VERMONT STATE DEPARTMENT OF HIGHWAYS
STANDARD STRUCTURE SHEETS APPROVED
BY THE CHIEF ENGINEER

S-20 APRIL 26, 1941
S-30 MAY 12, 1941
S-30A APRIL 19, 1941
S-40 DECEMBER 13, 1945

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FED. AID FISCAL YEAR | DATE | TOTAL SHEETS |
|---------------------|-------|--------------------|----------------------|------|--------------|
| 9 | Vt. | S-15740 | 1947 | 1 | 1 |



Highway of Waitsfield
Town of Waitsfield
Perpetual
17.100
(To be returned to R.O.W. Division)



RECORD PLANS
PREPARED BY - R. ARMER FEB. 1949
RESIDENT ENGINEER - H. G. CAHEIS

PROJECT (S15740)
DATE: 04/16/1947

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES AND COSTS OF WORK DONE IN RELATION TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

APPROVED: MAY 16, 1947
H. S. Langstaff
COMMISSIONER OF HIGHWAYS

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

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 1936, AS APPROVED DECEMBER 29TH, 1936, BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

WAITSFIELD, S. 157 (4)
RECORD PLANS
PROJECT COMPLETED SEPT 24, 1948
CONTRACTOR - W. E. DAILEY

| GROUND ELEVATION | BATHY LINE |
|------------------|------------|
| GRADE ELEVATION | BATHY LINE |

CURVE DATA

| DEFLECTION ANGLE | Δ |
|-----------------------|----------|
| DEGREE OF CURVE | D |
| RADIUS OF CURVE | R |
| TANGENT DISTANCE | T |
| LENGTH OF CURVE | L |
| EXTERNAL INTERSECTION | E |
| POINT OF INTERSECTION | P. I. |
| POINT OF CURVE | P. C. |
| POINT OF TANGENT | P. T. |
| POINT ON TANGENT | P. O. T. |

SCALES

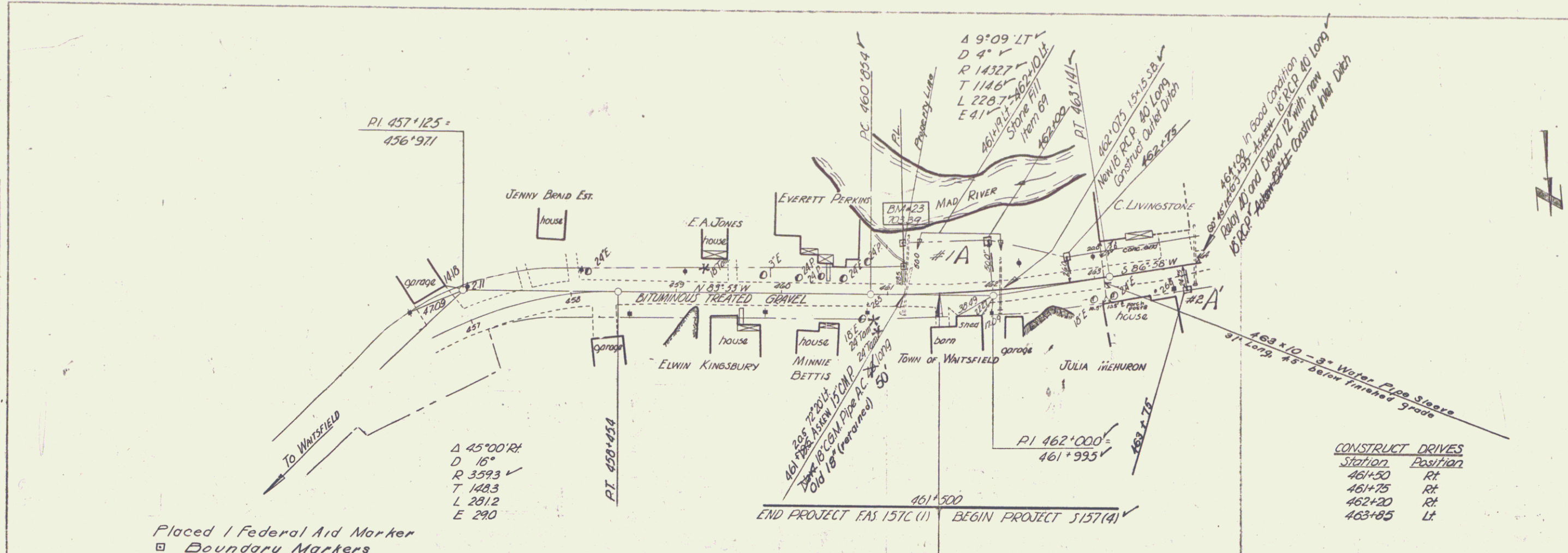
| | |
|--------------------|-----------|
| TITLE | 1" = 500' |
| TYPICAL | 1" = 2' |
| PLAN | 1" = 30' |
| PROFILE HORIZONTAL | 1" = 30' |
| PROFILE VERTICAL | 1" = 10' |
| CROSS SECTIONS | 1" = 5' |

APPROVED: May 13, 1947
R. D. Hammett
HIGHWAY ENGINEER

APPROVED: May 13, 1947
H. S. Langstaff
DISTRICT HIGHWAY COMMISSIONER

SERIES S NO 15740 FILED
SHEET 1 OF 1

PLAN
 PLANNING
 ALIGNMENT OFFICE
 DATE
 BY
 CHECKED
 APPROVED
 D. Martin

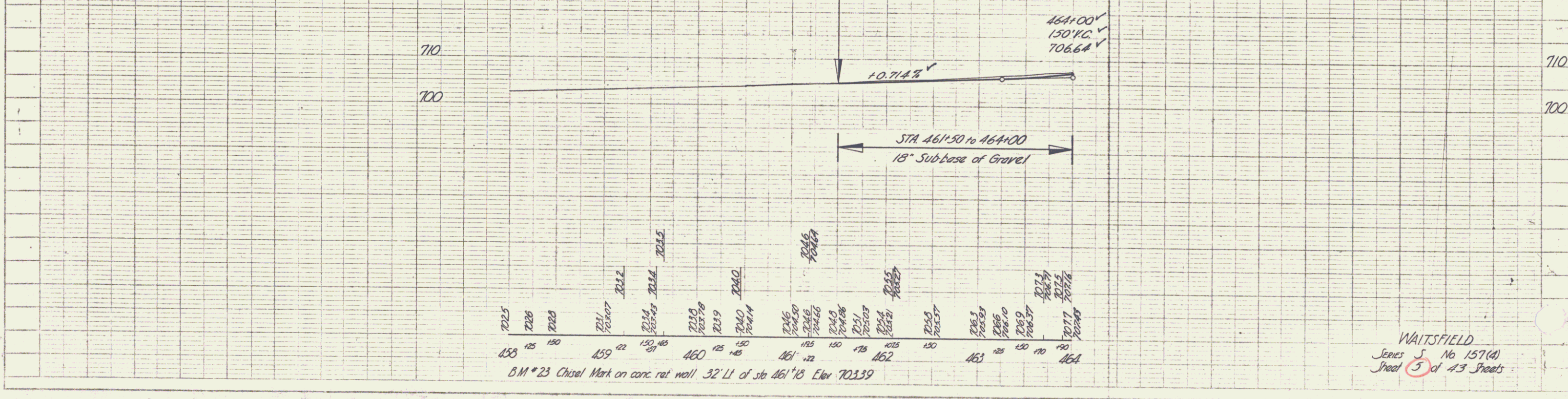


Placed 1 Federal Aid Marker
 □ Boundary Markers

CONSTRUCT DRIVES

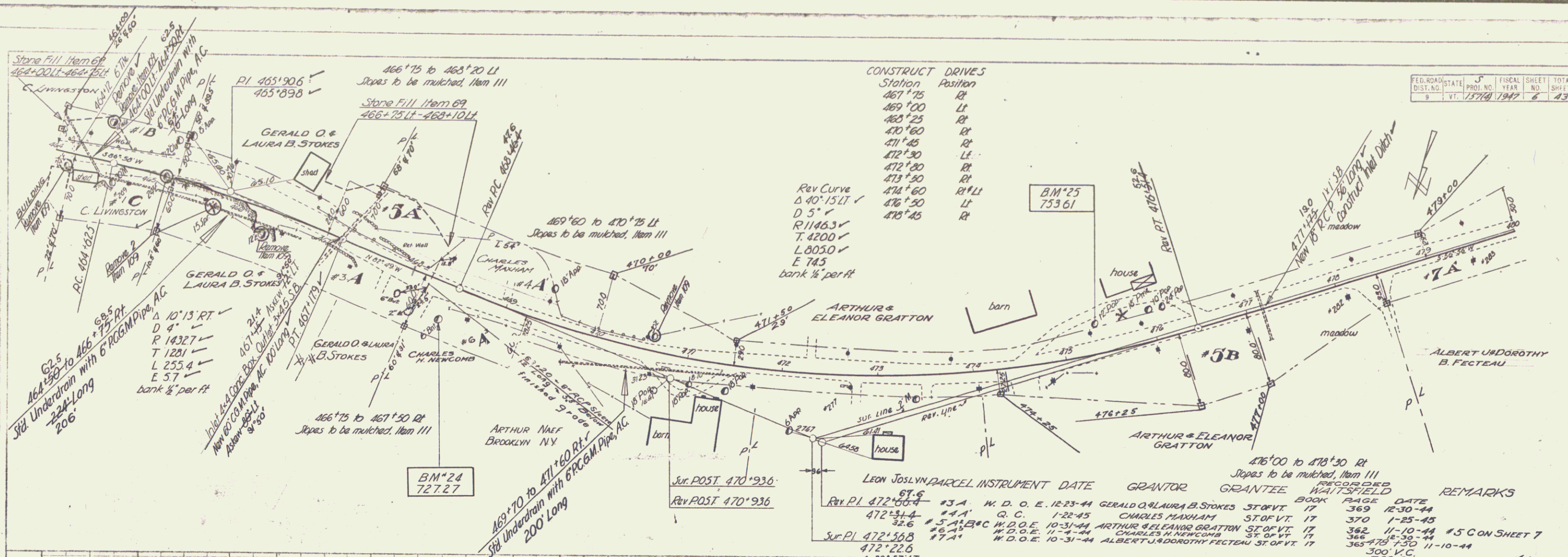
| Station | Position |
|---------|----------|
| 461+50 | Rt |
| 461+75 | Rt |
| 462+20 | Rt |
| 463+85 | Lt |

| PARCEL | INSTRUMENT | DATE | GRANTOR | GRANTEE | RECORDED | WAITSFIELD | REMARKS |
|----------|------------|----------|---------------------|----------|----------|------------|--|
| #1 A B C | WDOE | 1-19-45 | CHARS. A. PATTERSON | ST OF VT | 17 | 374 | 1-25-45 C.M. 463'95" #1 B C ON SHEET 6 |
| #2 A' | WDOE | 12-22-44 | JULIA MEHURON | ST OF VT | 17 | 368 | 12-30-44 |



8.1 M * 23 Chisel Mark on conc. rat wall. 32' Lt of sta 461+13 Elev 702.39

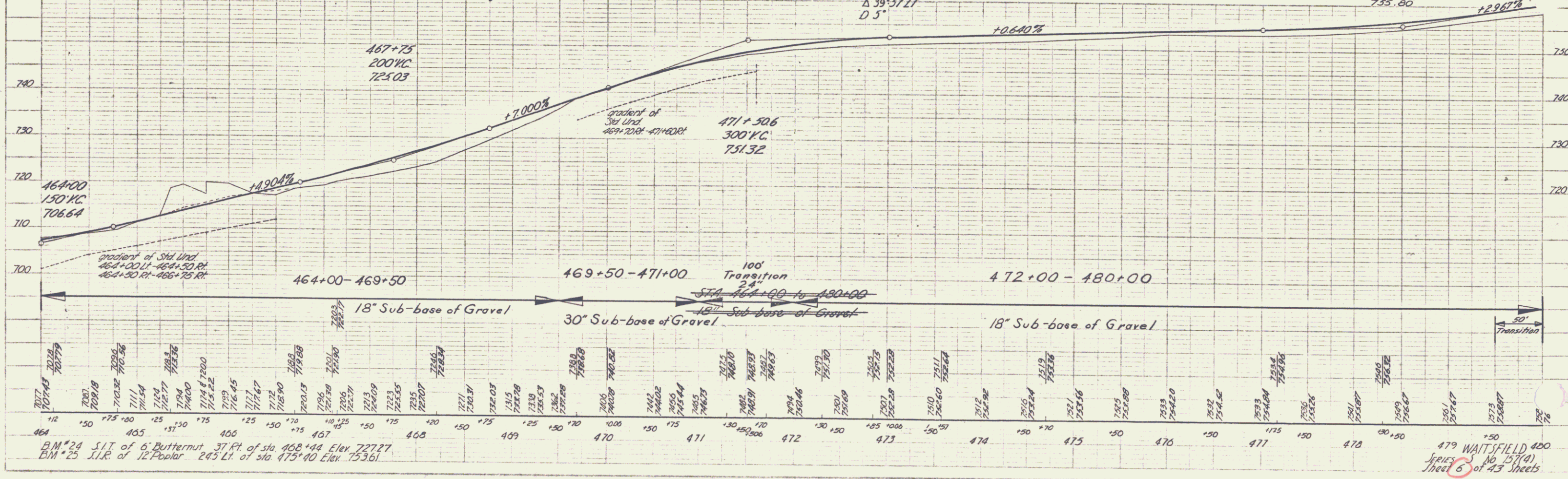
WAITSFIELD
 Series S No 157(4)
 Sheet 5 of 43 Sheets



CONSTRUCT DRIVES
 Station Position
 467+75 Rt
 469+00 Lt
 468+25 Rt
 470+60 Rt
 471+45 Rt
 472+30 Lt
 473+00 Rt
 474+60 Rt
 476+50 Lt
 478+45 Rt

Rev Curve
 $\Delta 40^{\circ}15'11''$
 D 5'
 R 1146.3
 T 4200
 L 8050
 E 745
 bank 1/2 per ft

| REV. PL. | PARCEL INSTRUMENT | DATE | GRANTOR | GRANTEE | BOOK | PAGE | REMARKS |
|-----------|-------------------|----------------------|-----------------------------|------------|------|---------|--------------------------|
| 472+05-4 | #3A | W. D. O. E. 12-23-44 | GERALD O. & LAURA B. STOKES | ST. OF VT. | 17 | 369 | 12-30-44 |
| 472+53-4 | #4A | Q. C. 1-22-45 | CHARLES MANHAM | ST. OF VT. | 17 | 370 | 1-25-45 |
| 472+56-8 | #5A | W. D. O. E. 10-31-44 | ARTHUR & ELEANOR GRATTON | ST. OF VT. | 17 | 362 | 11-10-44 #5 C ON SHEET 7 |
| 472+22-6 | #7A | W. D. O. E. 11-4-44 | CHARLES H. WINGGONG | ST. OF VT. | 17 | 366 | 8-30-44 |
| 472+57-17 | | W. D. O. E. 10-31-44 | ALBERT J. & DOROTHY FECTEAU | ST. OF VT. | 17 | 365-475 | 1-30 11-10-44 |



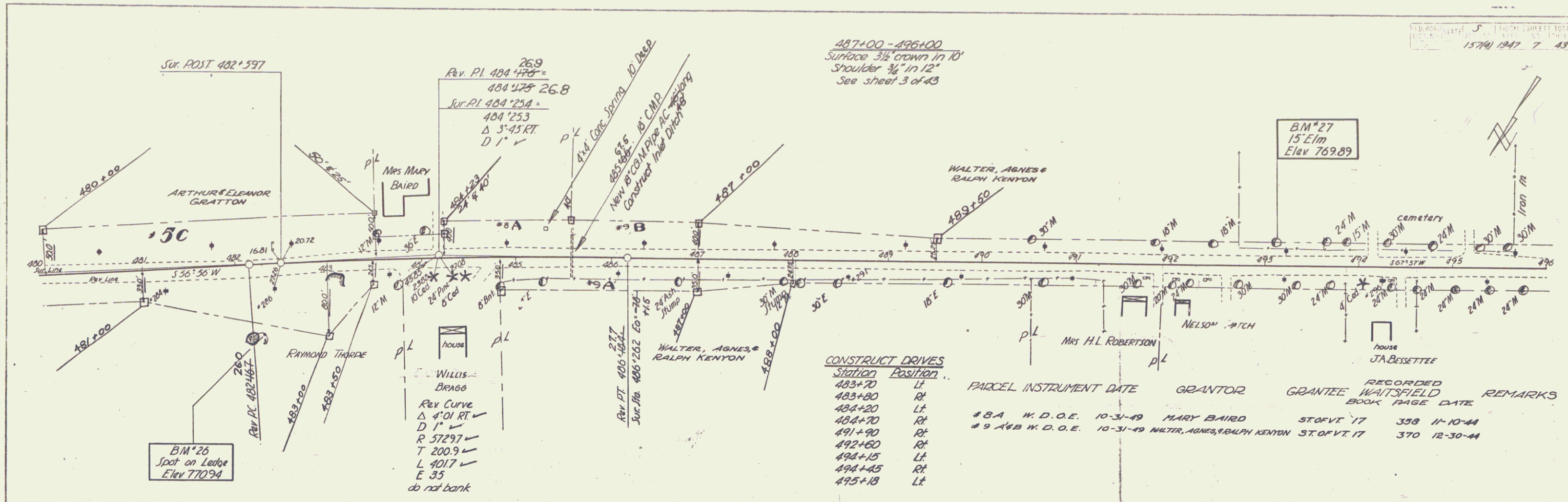
Vertical Curve
 Station
 464+00
 466+75
 469+50
 472+25
 475+00
 477+75
 480+00

Vertical Curve
 Station
 464+00
 466+75
 469+50
 472+25
 475+00
 477+75
 480+00

BM#24 S.I.T. of 6 Butternut 31 ft. of sta 468+44 Elev. 727.27
 BM#25 S.I.R. of 12 Poplar 245 ft. of sta 475+40 Elev. 753.61

479 WAITSFIELD 400
 Sheets No. 25(a)
 Sheet 6 of 43 Sheets

PLAN
 A. Wood
 1947
 D. M. H. P.
 REVISIONS
 NO. DATE BY
 1 1/15/47 A. Wood
 2 1/15/47 A. Wood
 3 1/15/47 A. Wood

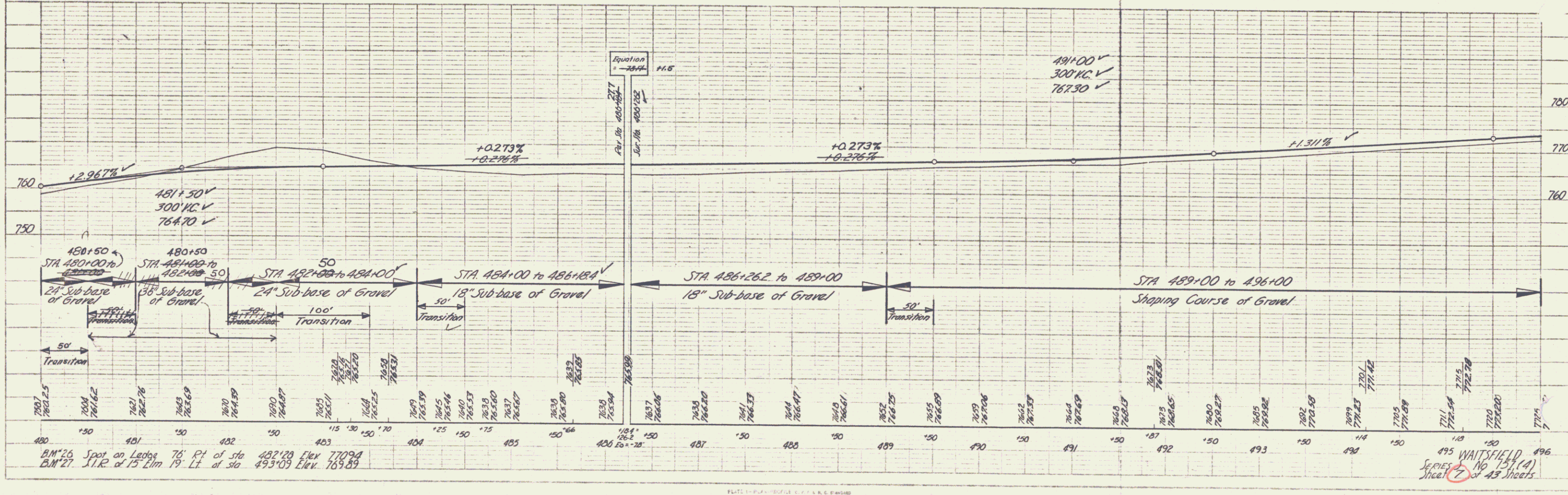


CONSTRUCT DRIVES

| Station | Position |
|---------|----------|
| 483+70 | Lt |
| 483+80 | Rt |
| 484+20 | Lt |
| 484+70 | Rt |
| 491+90 | Rt |
| 492+60 | Rt |
| 494+15 | Lt |
| 494+45 | Rt |
| 495+18 | Lt |

| PARCEL | INSTRUMENT DATE | GRANTOR | GRANTEE | RECORDED BOOK | WAITSFIELD PAGE | DATE | REMARKS |
|-----------|----------------------|------------------------------|------------|---------------|-----------------|------|---------|
| # 8 A | W. D. O. E. 10-31-49 | MARY BAIRD | ST. OF VT. | 338 | 11-10-44 | | |
| # 9 A & B | W. D. O. E. 10-31-49 | WALTER, AGNES & RALPH KENYON | ST. OF VT. | 370 | 12-30-44 | | |

PROFILE
 A. Wood
 1947
 D. M. H. P.
 REVISIONS
 NO. DATE BY
 1 1/15/47 A. Wood
 2 1/15/47 A. Wood
 3 1/15/47 A. Wood



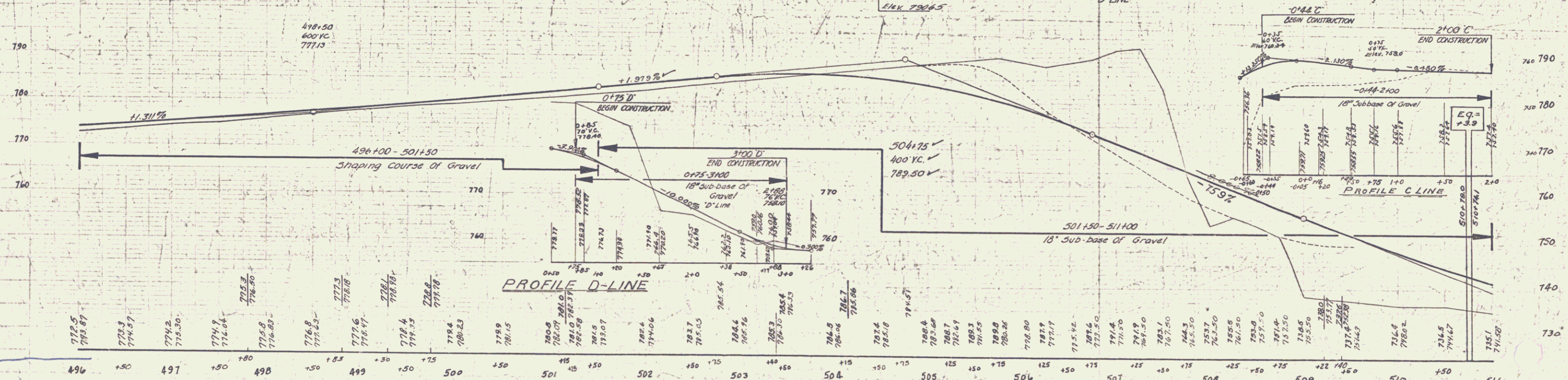
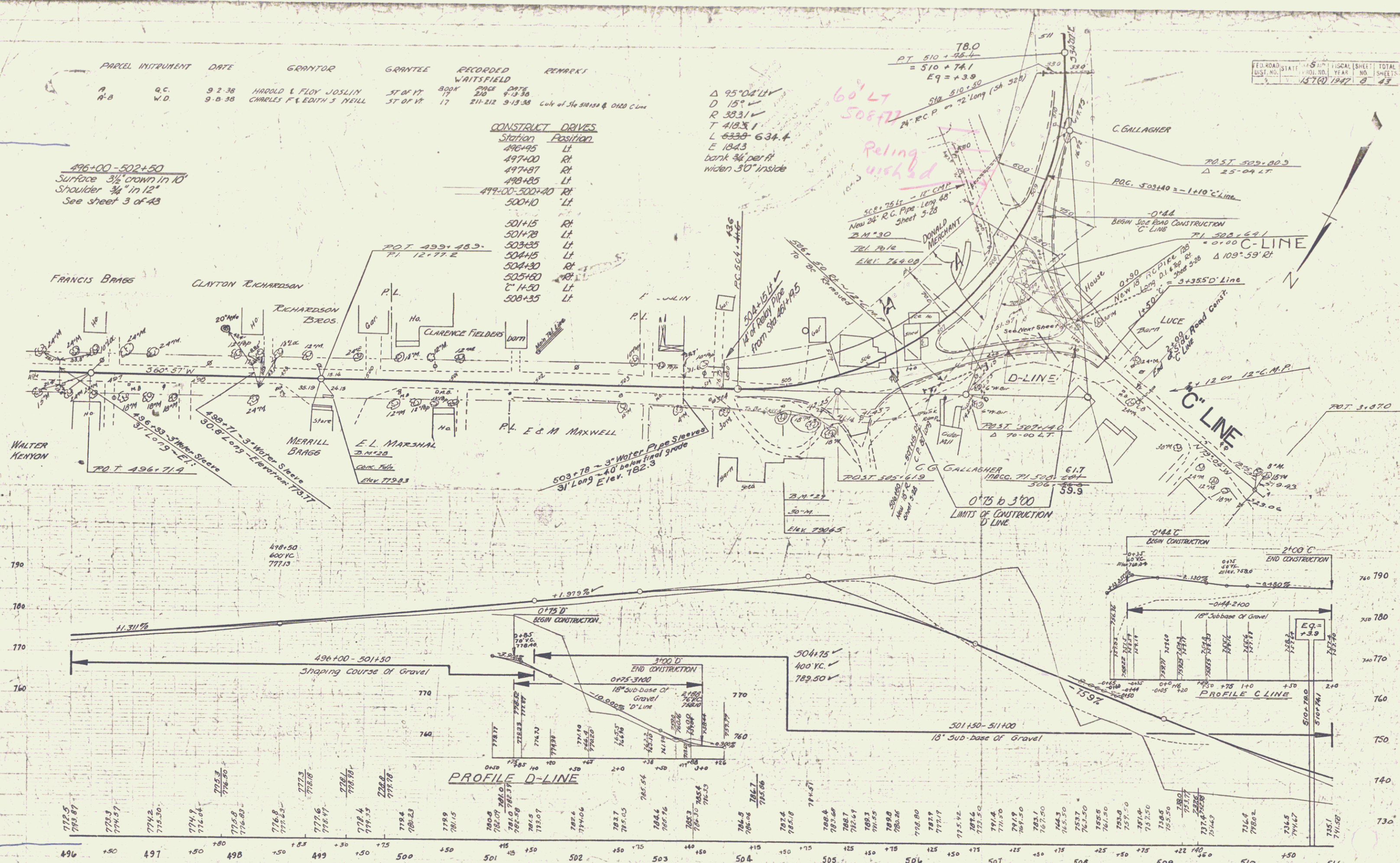
| PARCEL | INSTRUMENT | DATE | GRANTOR | GRANTEE | RECORDED | REMARKS |
|--------|------------|--------|-----------------------------|----------|-------------------|--------------------------------|
| A | Q.C. | 9-2-38 | HAROLD L. FLOY JOSLIN | ST OF VT | BOOK 210 PAGE 173 | |
| A-B | W.D. | 9-8-38 | CHARLES F. & EDITH S. NEILL | ST OF VT | BOOK 211 PAGE 212 | Lot of Sta 501.50 & OND C-Line |

| CONSTRUCT DRIVES | |
|------------------|----------|
| Station | Position |
| 496+95 | LT |
| 497+00 | RT |
| 497+07 | RT |
| 498+05 | LT |
| 499+00-500+40 | RT |
| 500+10 | LT |
| 501+15 | RT |
| 501+28 | LT |
| 503+35 | LT |
| 504+45 | LT |
| 504+30 | RT |
| 505+00 | RT |
| C 14+50 | LT |
| 508+35 | LT |

$\Delta 95^{\circ}04'LV$
 $D 15'$
 $R 383.1$
 $T 419.81$
 $L 633.9$ 634.4
 $E 184.3$
 bank $3\frac{1}{2}$ ' per ft
 widen $3'0"$ inside

496+00-502+50
 Surface $3\frac{1}{2}$ " crown in 10'
 Shoulder $3\frac{1}{4}$ " in 12"
 See sheet 3 of 43

| ED. ROAD | STAT. | SCALE | FISCAL SHEET | TOTAL SHEETS |
|----------|-------|-------|--------------|--------------|
| 15760 | 1947 | 8 | 43 | |



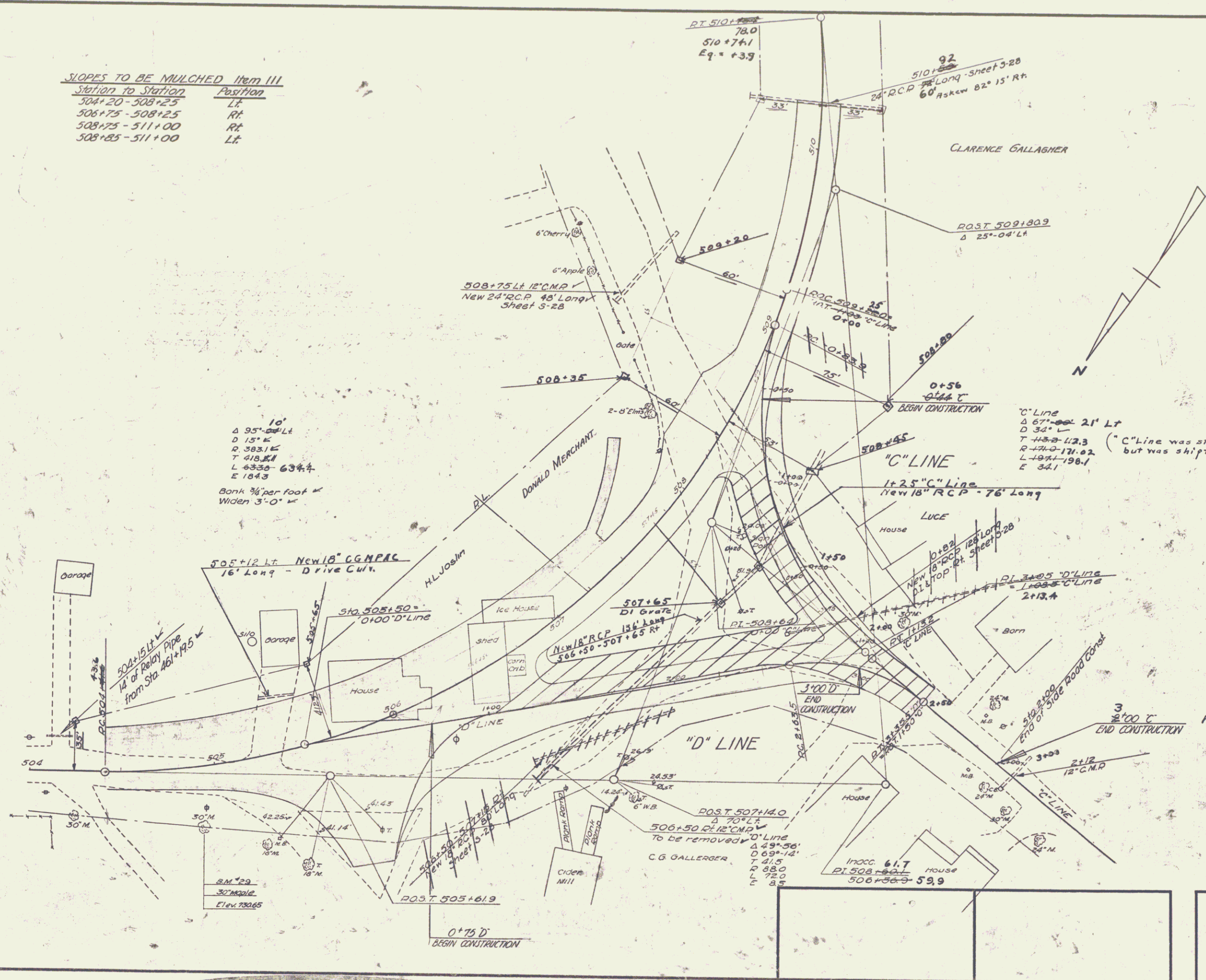
21" x 28" SPIKE ON CONC F.D.W. 21' RT STA 499+62 ELEV 775.83
 21" x 20" SPIKE IN ROOT 36" MAPLE 20' RT STA 504+35 ELEV 766.65
 21" x 20" SPIKE IN TEL POLE 31' RT STA 508+24 ELEV 744.08

Series S 157 (A)
 Sheet 8 of 43 Sheets

| | | | | | |
|--------------------|-------|--------------|------|-----------|--------------|
| ED. ROAD DIST. NO. | STATE | PROJ. NO. | YEAR | SHEET NO. | TOTAL SHEETS |
| 9 | VT. | 3-15701-1947 | | 9 | 43 |

SLOPES TO BE MULCHED Item III

| Station to Station | Position |
|--------------------|----------|
| 504+20 - 508+25 | Lt. |
| 506+75 - 508+25 | Rt. |
| 508+75 - 511+00 | Rt. |
| 508+85 - 511+00 | Lt. |



10'
 Δ 95'-00" Lt.
 D 15" K
 R 383.1 E
 T 418.8 E
 L 483.3 E 634.4
 E 184.3
 Bank 3/4" per foot W
 Widen 3'-0" W

"C" Line
 Δ 67'-00" 21' Lt
 D 34' L
 T 48.8-112.3 ("C" Line was staked according to notes but was shifted to suit terrain)
 R 171.0-171.02
 L 194.1-198.1
 E 34.1

SCALE: 1" = 25'

WAITSFIELD

Surveyed by
 Designed by
 Drawn by
 Traced by
 Checked by

Series 5 No. 157(A) Filed
 Sheet 9 of 43 Sheets

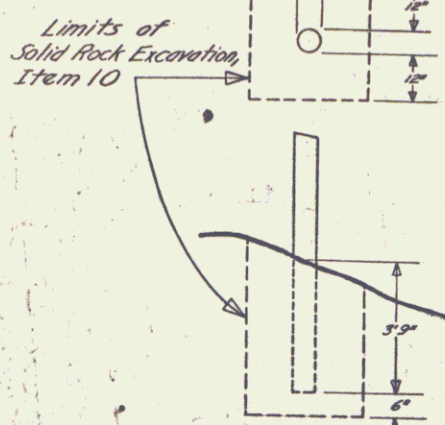
| NO. | DATE | BY | REMARKS |
|-----|----------|----------------------------|---------|
| 1 | 9-2-38 | BESTIE L. EMERY SOMERVILLE | |
| 2 | 5-12-39 | MELVIN LIVINGSTON | |
| 3 | 4-20-38 | M. LLOYD MAXWELL | |
| 4 | 10-31-44 | MELVIN C. LIVINGSTON | |
| 5 | 3-17-38 | | |
| 6 | 5-17-38 | | |
| 7 | 4-27-38 | | |
| 8 | 11-10-44 | | |

Construct Drives
 Station Position
 519+50 Lt
 520+80 Lt
 523+00 Rt

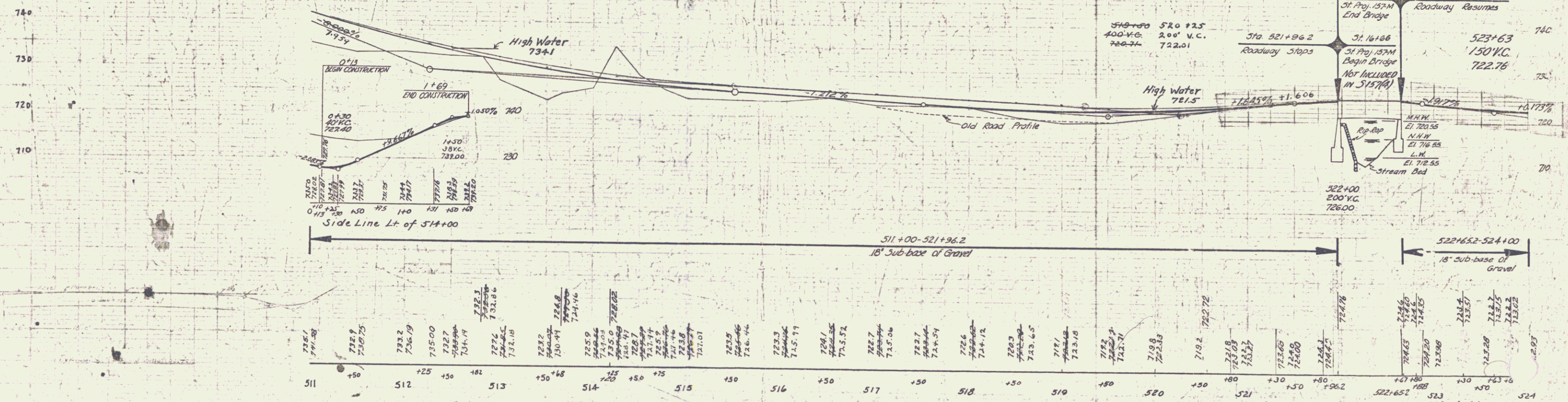
Relinquished
 551 Lt 518+00

521+86.2 - 522+65.2
 Simple Span I Beam Bridge
 Built 1938
 Type I Beam Sp
 Clear Span 65'-1"
 Clear Height 8'-0"
 Waterway 48'-0"
 Long Overall 69'-0"
 Roadway Width 20'-0"
 Built without FA Funds

SCLOPES TO BE MULCHED Item III
 Station to Station Position
 511+00 - 512+00 Rt & Lt
 522+75 - 524+00 Lt
 523+00 - 524+00 Rt



SOLID ROCK EXCAVATION
 ITEM 10, FOR THE ERECTION OF
 CABLE GUARD RAIL POSTS
 If solid rock is encountered in
 the erection of cable guard rail
 posts Sta 513+02.4 RT to 514+70.4 RT
 Solid Rock Excavation Item 10 will
 be allowed as per sketch at left



D.M. 31 SPIKE IN Elm Stump 36' LT STA 514+29 ELEV 730.23
 D.M. 32 " " Elm Stump 49' LT STA 519+71 ELEV 720.55

Series S 157 (A)
 Sheet 10 of 43 Sheets

