

1	TITLE SHEET	101	F-2	GALVANIZED CHAIN LINK FENCE
2-4	TYPICAL SHEETS	102	F-3	ALUMINUM ALLOY CHAIN LINK FENCE
5	ALIGNMENT SHEET	103	G-1	STEEL BEAM GUARD RAIL
6-7	QUANTITY SHEET	104	G-3	THREE CABLE GUARD RAIL
8-11	DRAINAGE SHEETS	105	G-3A	DEAD END ANCHORAGE AT BRIDGE APPROACH
12-22	EARTHWORK SHEETS	106	G-4	STEEL MARKER POSTS AND PLANK GUARD RAIL
23-26	P.O.W. DETAIL SHEETS	107	G-5	CEDAR LOG GUARD RAIL
27-60	PLAN AND PROFILE SHEETS	108	J-1	PROJECT AND BOUNDARY MARKERS
61-62	20 SCALE OF REST AREAS	109	BLANK	
63-54	TRAFFIC SIGN SUMMARY SHEETS	110	DETAILS OF 2 LANE TO 4 LANE TRANSITION	
65	GUIDE SIGN AND DELINEATOR LOCATION SHEET	111	DETAILS OF 2 LANE TO 4 LANE TRANSITION	
66-67	SIGN AND DELINEATOR PLACEMENT SHEETS	112-115	DETAILS OF 10" ROUND PLATE PIPE AT STA. 185+75	
68	TRAFFIC SIGN, DESIGN AND DETAIL SHEET	116-118	DETAILS OF REINFORCED CONCRETE CATTLE PASS AT STA. 218+50	
69	A-61 DRILLING AND BLASTING	119-121	DETAILS OF REINFORCED CONCRETE CATTLE PASS AT STA. 332+00	
70	B-1 BANKING TABLES	122-144	BRIDGE SERIES 100	
71	B-5 TYPICAL SLOPE GRADING	145	SCB-30-65	
72	B-6 MUCK EXCAVATION	146-154	SCB-D1 THRU D9-65	
73	B-10 EMBANKMENT ON A SLOPE	155-156	SB-R1-64 SHEETS 1 & 2	
74	B-11 METHODS OF SLOPE STABILIZATION	157	SB-R2-65	
75	B-15 ENTRANCE AND EXIT TERMINALS	158-305	MAINLINE CROSS SECTION SHEETS	
76	B-16 TRIANGULAR ISLAND DESIGN	306-320	SIDELINE CROSS SECTION SHEETS	
77	B-17 DETAILS OF REST AREAS	321-328	CHANNEL CROSS SECTION SHEETS	
78	C-1 CURBS			
79	C-1A CURBS			
80	D-2 HEADWALLS AND UNDERDRAIN			
81	D-3 GUTTERS AND JUTE MATTING			
82	D-4 FLUSHING BASINS AND ELBOWS			
83	D-8 DROP INLETS			
84	D-10 DROP INLET TOPS			
85	D-11 DROP INLET GRATES			
86	D-13 CATCH BASINS			
87	D-16 DROP INLET GRATES			
88	D-17 VERTICAL RISERS			
89	E-1 BARRICADES, SIGNS AND LIGHTS			
90	E-12 U.S. ROUTE MARKERS			
91	E-13 STATE ROUTE MARKERS AND AUXILIARY MARKERS			
92	E-14 REGULATORY SIGNS			
93	E-15 REGULATORY SIGNS			
94	E-16 WARNING SIGNS			
95	E-17 GUIDE SIGNS			
96	E-18 GUIDE SIGNS			
97	E-19 STANDARD SIGN PLACEMENT			
98	E-20 DELINEATORS, HAZARD MARKERS			
99	E-21 GROUND MOUNTED SIGN SUPPORTS			
100	F-1 PROPERTY LINE FENCE WITH STEEL POSTS			

STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS

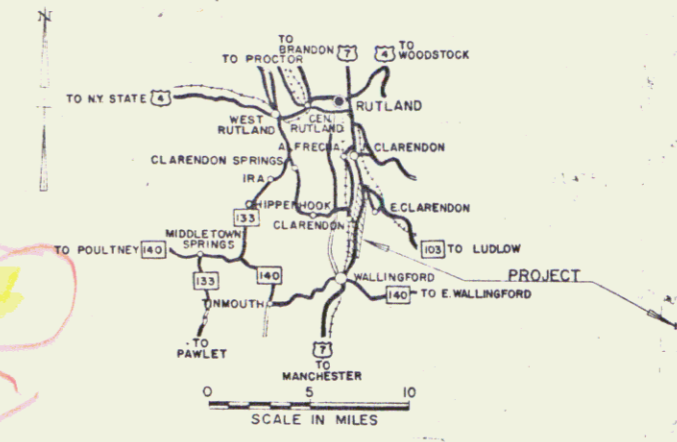
**TOWNS OF WALLINGFORD AND CLARENDON**  
COUNTY OF RUTLAND

**U.S. ROUTE 7** *Pin # 99R494*

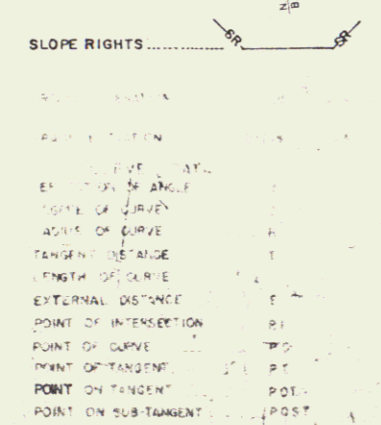
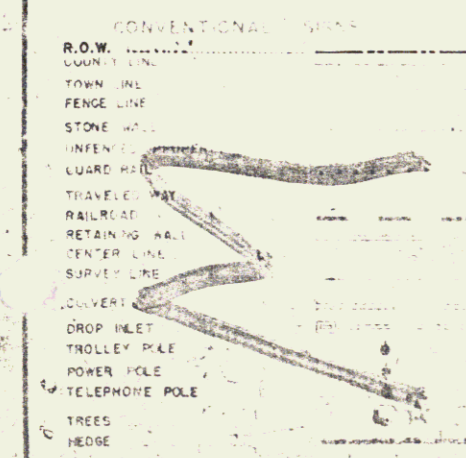
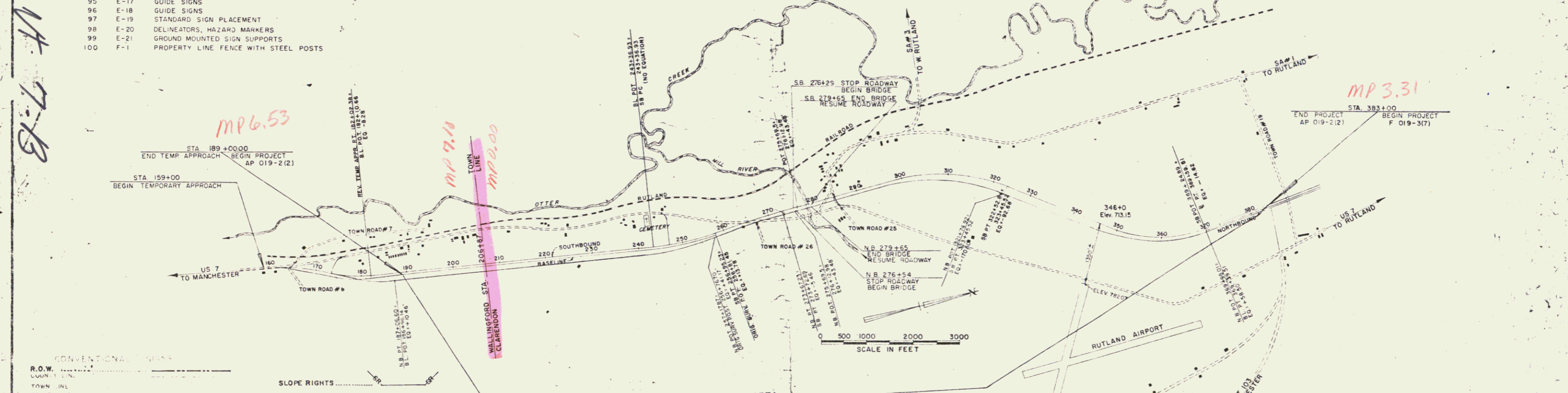
**MANCHESTER-RUTLAND ROAD**

BEGINNING AT A POINT 0.338 MILE SOUTH OF THE WALLINGFORD-CLARENDON TOWN LINE AND EXTENDING NORTHERLY 3.650 MILES.  
LENGTH OF ROADWAY 18,948.065 FEET = 3.589 MILES  
LENGTH OF BRIDGE 32,350 FEET = 0.061 MILE  
LENGTH OF PROJECT 19,271.565 FEET = 3.650 MILES

ADT (1966) 3170 - 3250  
ADT (1986) 5120 - 5250  
DHV (1986) 690 - 740  
D 60%  
T 6%  
V 60 MPH



*Handwritten:* 11-7-8



CONSTRUCTION AREA  
U.S. ROUTE 7 & TOWN ROADS NOT IN  
CONSTRUCTION AREA, EXCEPT FOR CROSSINGS

RIGHT-OF-WAY DIVISION  
TOWN FILE

PERPETUAL

Town of \_\_\_\_\_  
(To Be Returned To R.O.W. Division)

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE  
REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE DIVISION  
OF HIGHWAYS.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE  
PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE  
CONSTRUCTION DATED APRIL, 1964, AS APPROVED BY THE BUREAU OF  
PUBLIC ROADS ON OCT. 12, 1964, INCLUDING ALL SUBSEQUENT  
APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND  
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

FEB 25 1980

DATE: 11/20/63	DATE: 11/14/63	DATE: 11/14/63	PROJECT: F 019-2(4)
SHEET: 1	SHEET: 2	SHEET: 3	SHEET: 4

STANDARD STEEL BEAM  
GUARD RAIL w/ STEEL POSTS  
163+00 - 163+32.2'

THREE CABLE GUARD RAIL  
w/ STEEL POSTS  
161+50 - 163+90 Lt  
166+00 - 172+08 Lt  
167+50 - 172+14 Lt.

CHARLES J.  
RUTH R. TARBELL

BITUMINOUS CONCRETE  
CURB Item.  
167+50 - 172+08 Lt  
170+00 - 172+08 Lt.

REMOVAL & DISPOSAL OF  
PRESENT GUARD RAIL  
ITEM 550  
161+50 - 163+40 Lt  
169+50 - 171+25 Lt.

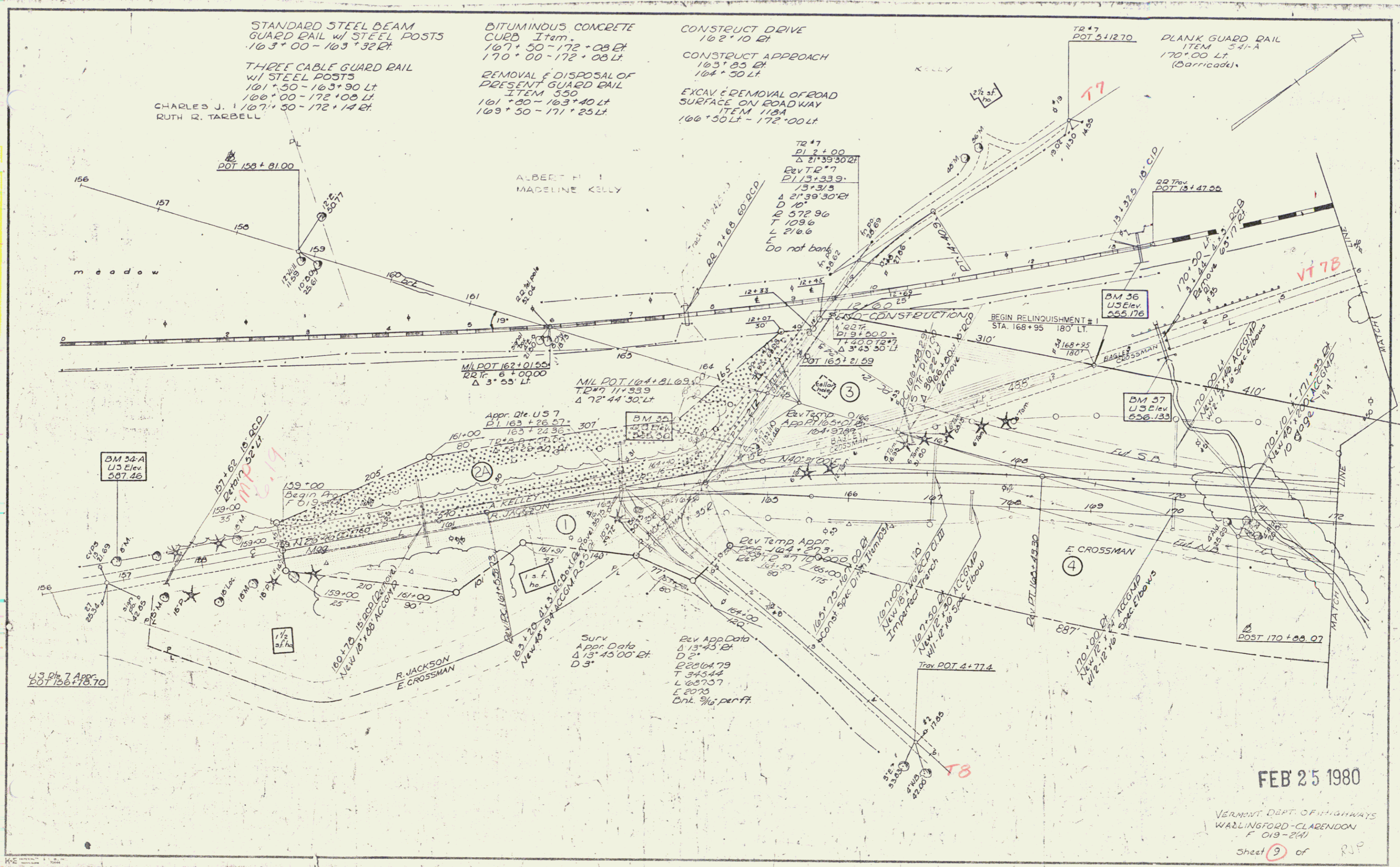
CONSTRUCT DRIVE  
162+10 Lt

CONSTRUCT APPROACH  
163+85 Lt  
164+50 Lt

EXCAV & REMOVAL OF ROAD  
SURFACE ON ROADWAY  
ITEM 118A  
166+50 Lt - 172+00 Lt.

PLANK GUARD RAIL  
ITEM 541-A  
170+00 Lt  
(Barricade)

ALTERNATE CHECKED  
BY: J.M.  
DATE: 2/25/80

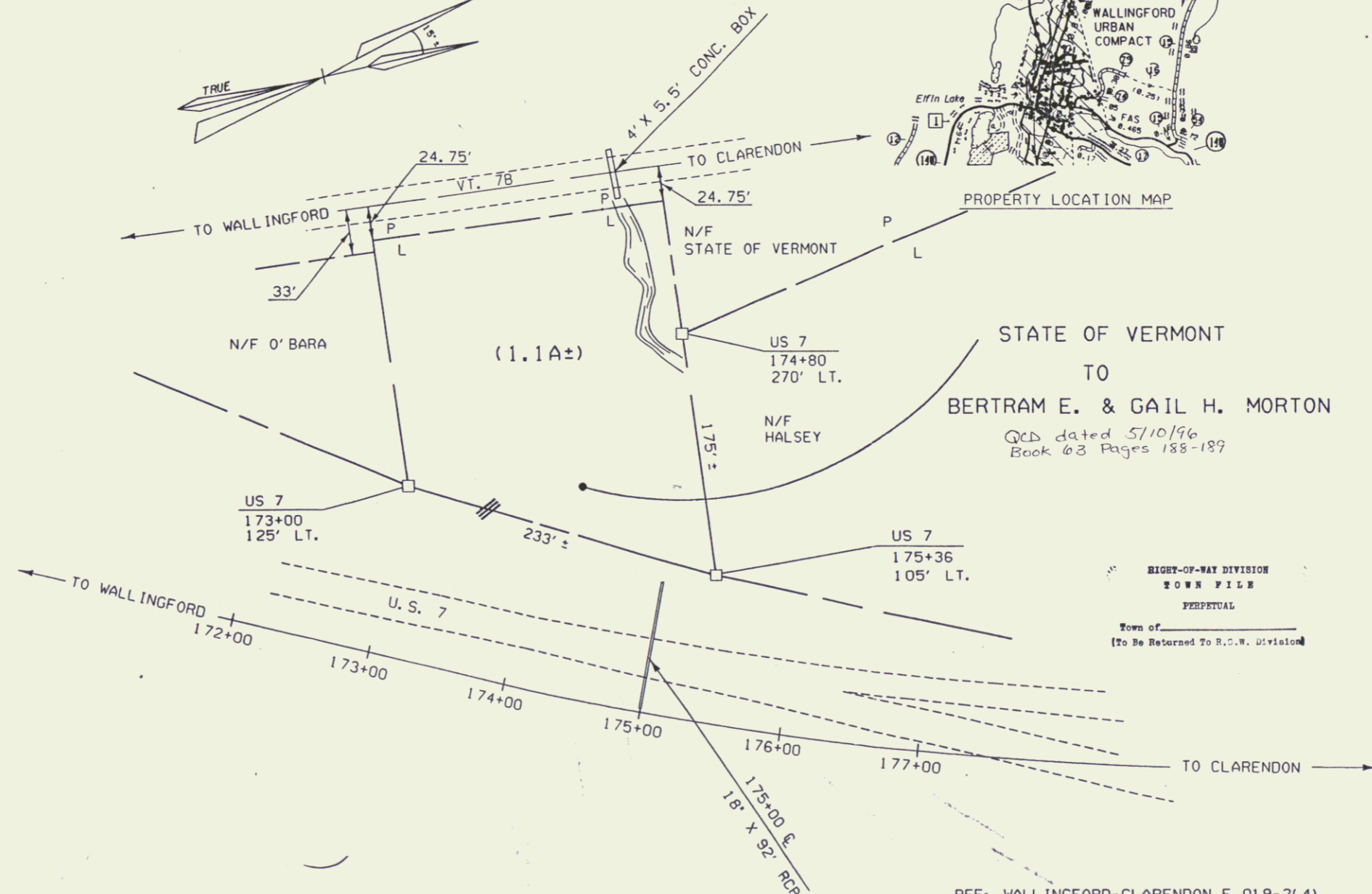
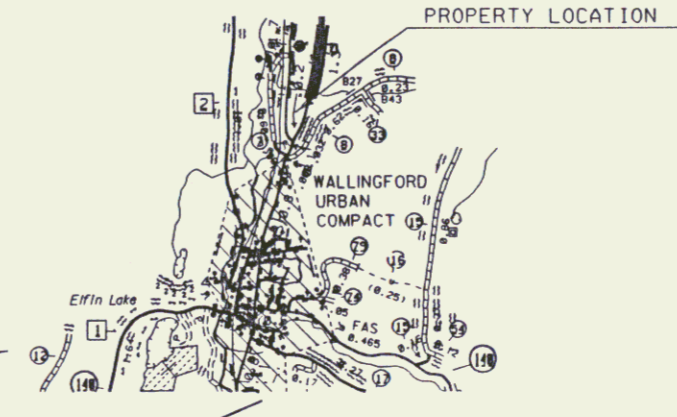
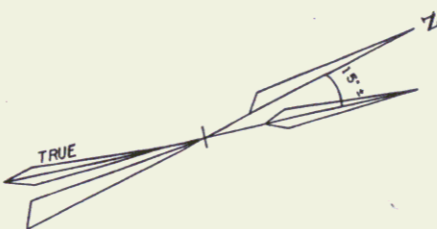


FEB 25 1980

VERMONT DEPT. OF HIGHWAYS  
WALLINGFORD-CLARENDON  
F 019-241  
Sheet 9 of RJP



THIS IS PART OF THE SAME LAND AND PREMISES ACQUIRED BY THE STATE FROM ALBERT H. & MADELENE H. KELLEY BY CONDEMNATION ORDER DATED JANUARY 3, 1966 AND RECORDED IN BOOK 33, PAGES 119-121 OF THE WALLINGFORD LAND RECORDS.

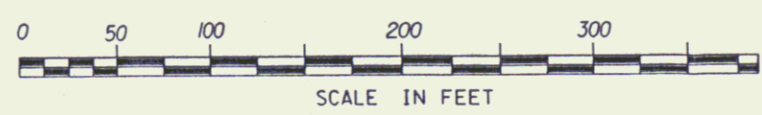


STATE OF VERMONT  
TO  
BERTRAM E. & GAIL H. MORTON  
QCB dated 5/10/96  
Book 63 Pages 188-189

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of \_\_\_\_\_  
(To Be Returned To R.O.W. Division)

LEGEND

EXISTING R.O.W. AFTER CONVEYANCE	---
LIMITED ACCESS	◆---
CONCRETE HIGHWAY BOUND	□

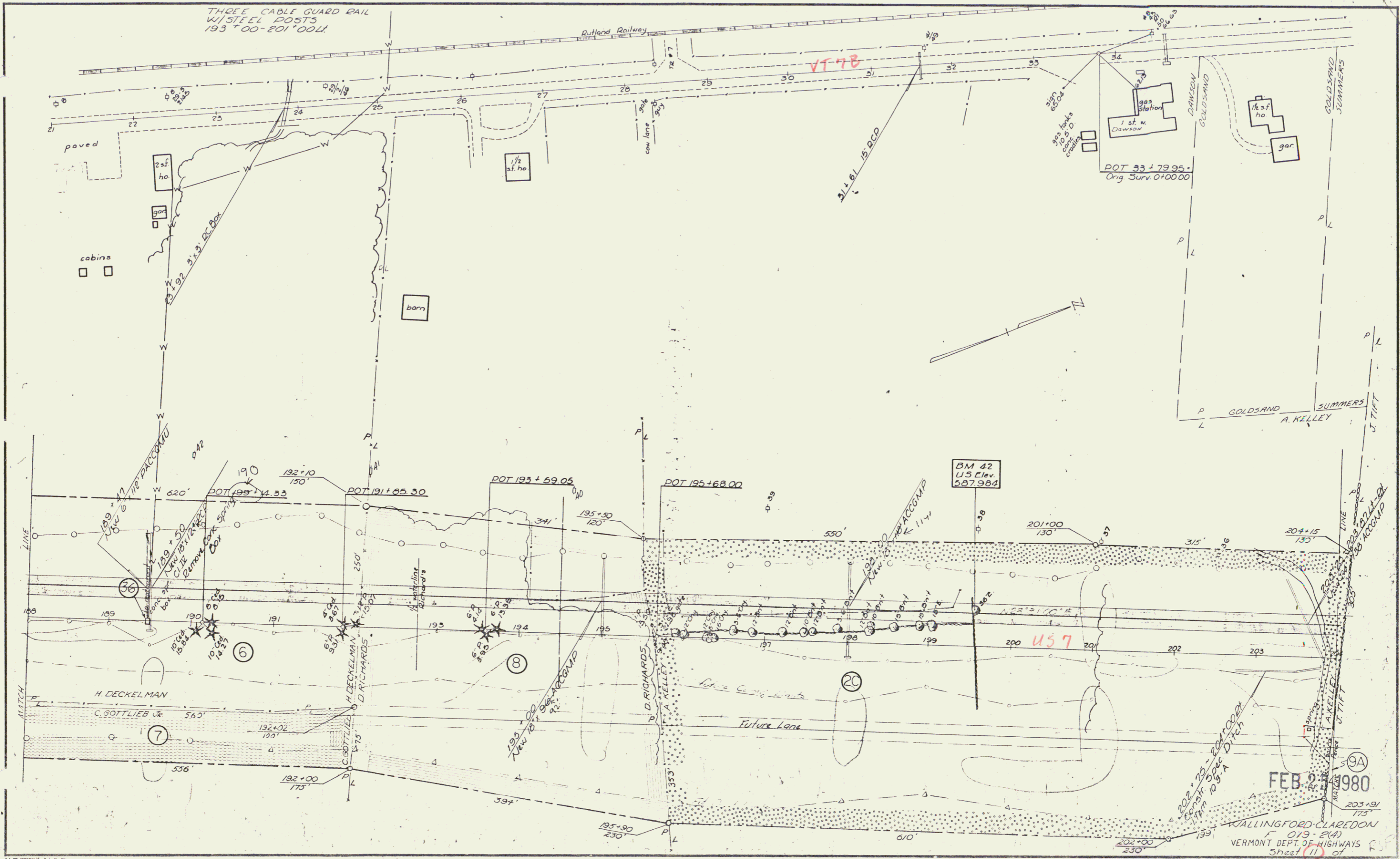


REF: WALLINGFORD-CLARENDON F 019-2(4)  
SHEET 9 & 10

**STATE OF VERMONT**  
**AGENCY OF TRANSPORTATION**  
TOWN OF WALLINGFORD  
APPROX. SCALE 1"=50' | DRAWN BY M.R. | DATE: 09-18-93

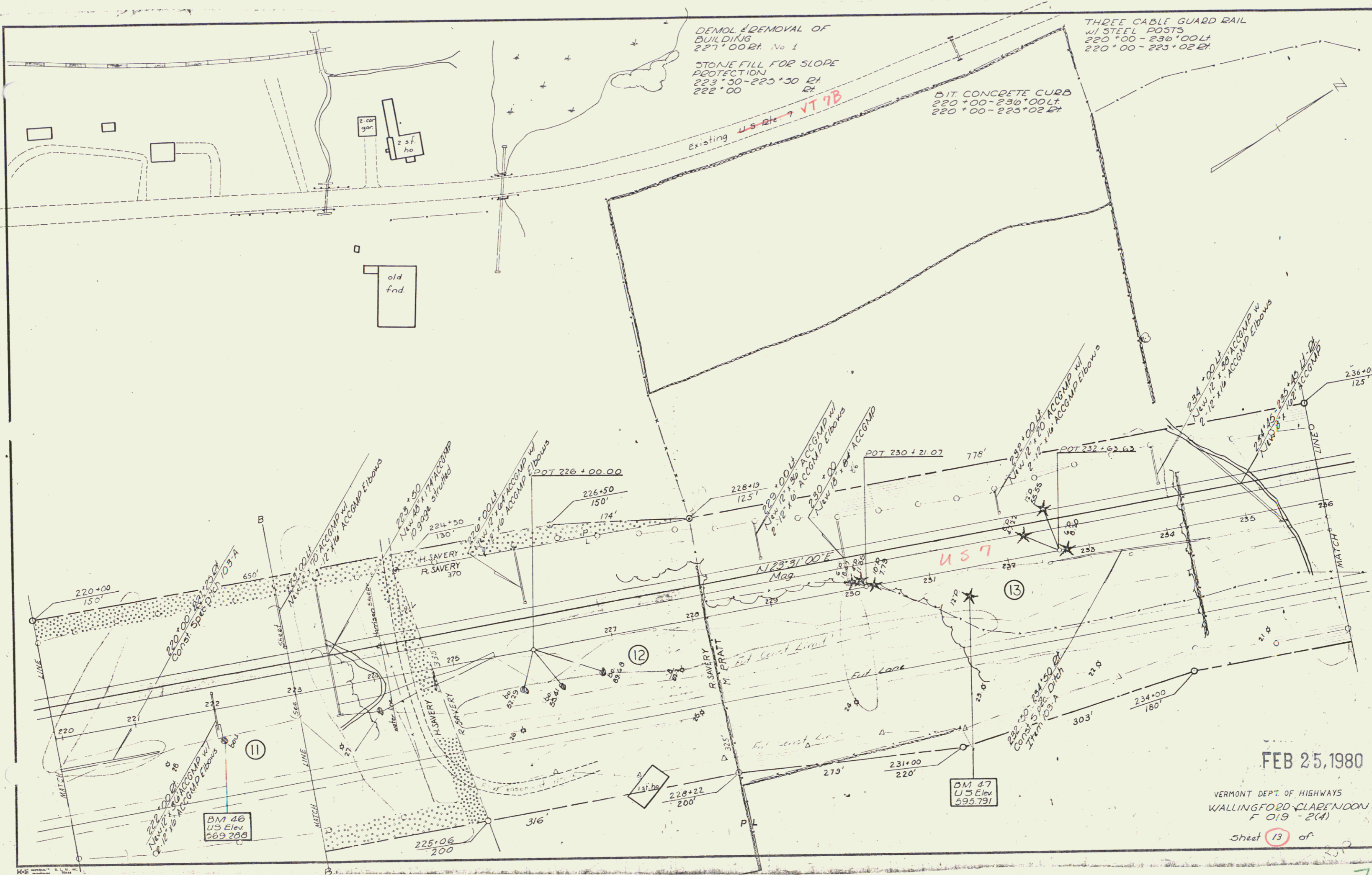
10A

DATE	BY	REVISION
1/15/80	WJ	1.0
1/15/80	WJ	1.1
1/15/80	WJ	1.2
1/15/80	WJ	1.3
1/15/80	WJ	1.4
1/15/80	WJ	1.5
1/15/80	WJ	1.6
1/15/80	WJ	1.7
1/15/80	WJ	1.8
1/15/80	WJ	1.9
1/15/80	WJ	2.0





DATE: 1/11/80  
BY: [illegible]  
CHECKED: [illegible]  
SCALE: 1" = 40'



FEB 25, 1980

VERMONT DEPT. OF HIGHWAYS  
WALLINGFORD CLARENDON  
F 019 - 2(4)

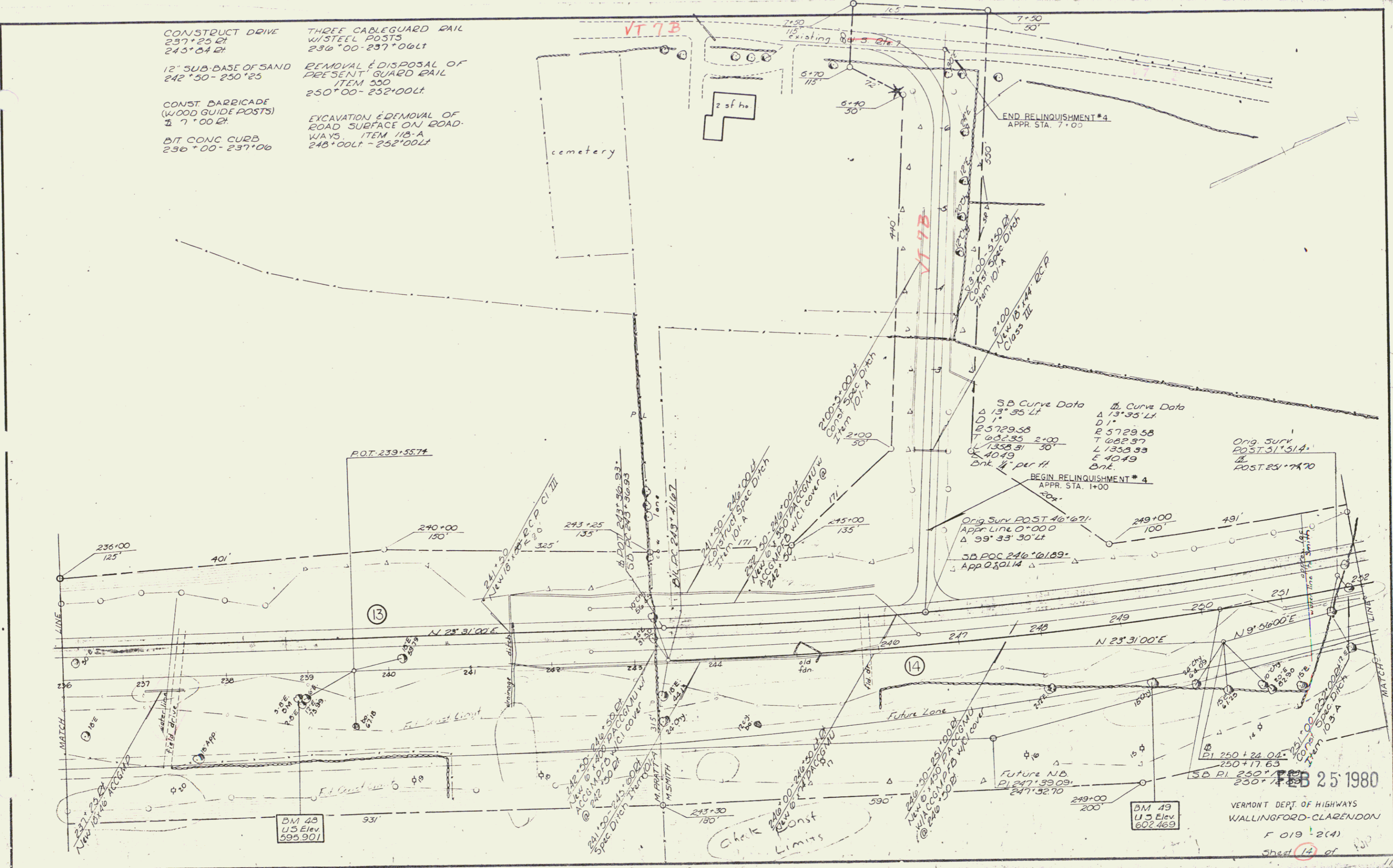
Sheet 13 of 20

7

ALL DIMENSIONS CHECKED  
 DATE: 1/14/80  
 BY: [Signature]  
 CHECKED: [Signature]

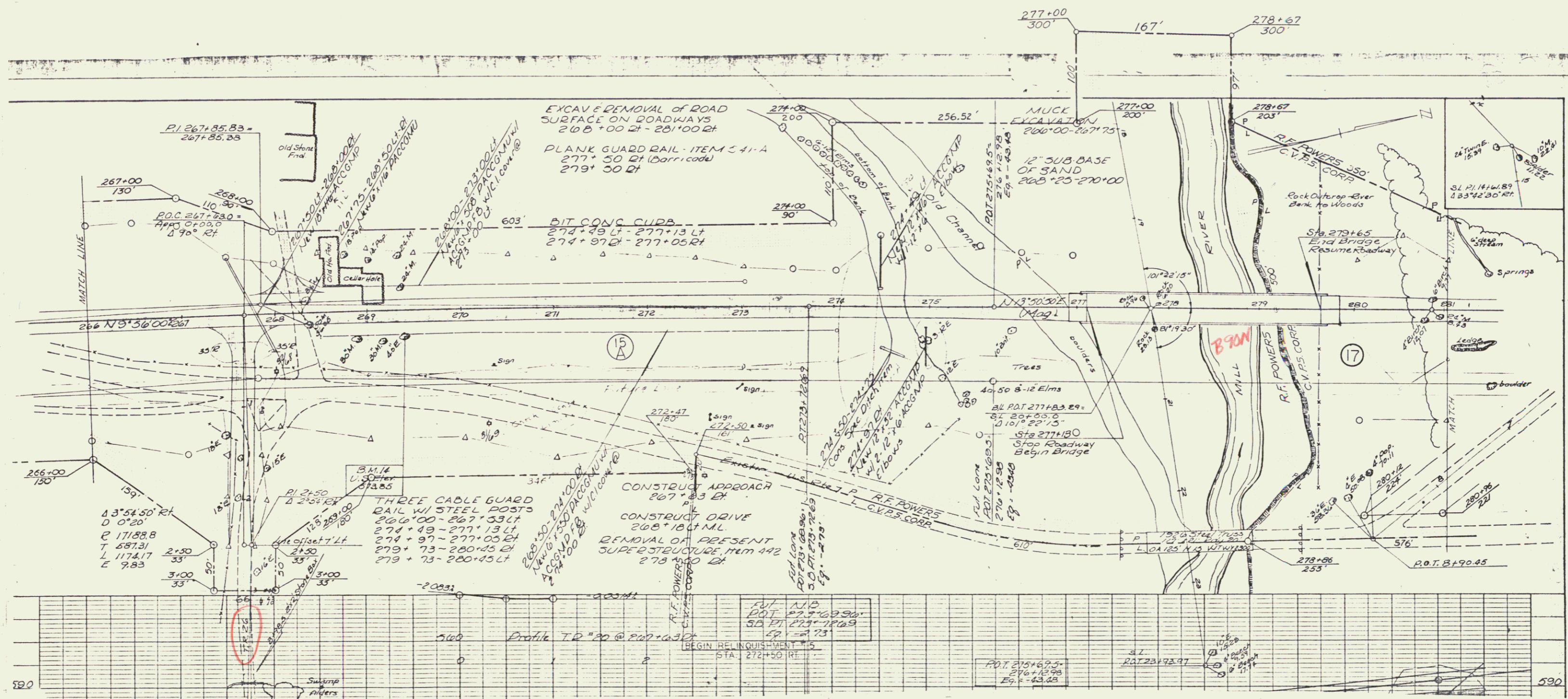
**CONSTRUCT DRIVE**  
 237+25.21  
 243+64.21  
  
**12" SUB-BASE OF SAND**  
 242+50-250+25  
  
**CONST BARRICADE**  
 (WOOD GUIDE POSTS)  
 2 7+00.21  
  
**BIT CONC CURB**  
 236+00-237+00

**THREE CABLEGUARD RAIL**  
 W/STEEL POSTS  
 236+00-237+00LT  
  
**REMOVAL & DISPOSAL OF**  
**PRESENT GUARD RAIL**  
 ITEM 550  
 250+00-252+00LT  
  
**EXCAVATION & REMOVAL OF**  
**ROAD SURFACE ON ROAD-**  
**WAYS, ITEM 118-A**  
 248+00LT - 252+00LT



FEB 25 1980  
 VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F 019 2(4)  
 Sheet 17 of 17

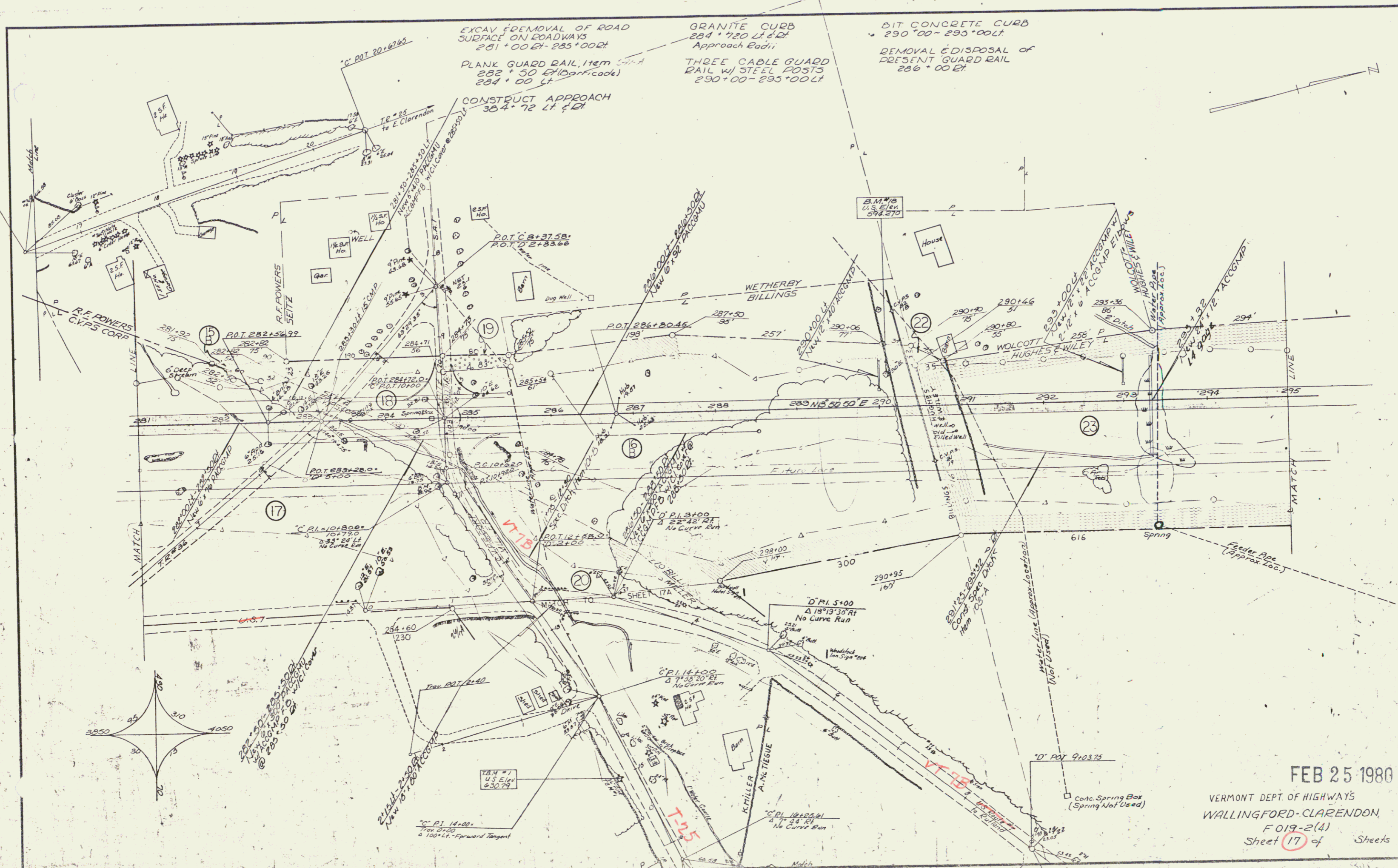




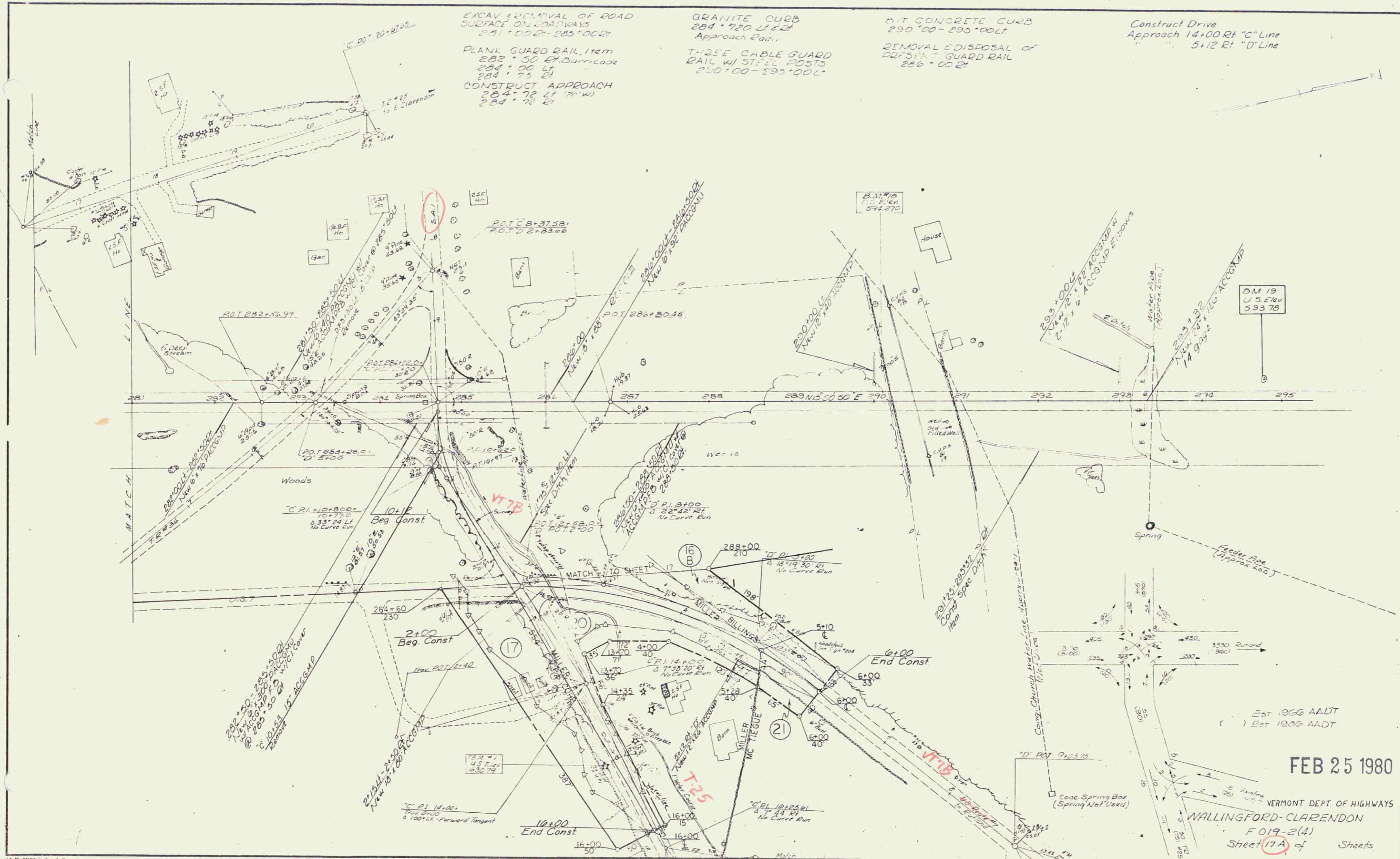
FEB 25 1980

VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F 019-2(4)  
 Sheet 16 of 17

10



FEB 25 1980  
 VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F019-2(4)  
 Sheet 17 of Sheets



EXCAV & REMOVAL OF ROAD SURFACE ON ROADWAYS  
 281+00 to 285+00 ft

PLANK GUARD RAIL, Item  
 282+30 ft Barricade  
 284+00 ft  
 284+75 ft

CONSTRUCT APPROACH  
 284+72 ft (3'-W)  
 284+72 ft

GRANITE CURB  
 284+72 to 290+00 ft  
 Approach End

THREE CABLE GUARD RAIL w/ STEEL POSTS  
 290+00 to 295+00 ft

PIT CONCRETE CURB  
 290+00 to 295+00 ft

REMOVAL & DISPOSAL OF EXISTING GUARD RAIL  
 286+00 ft

Construct Drive  
 Approach 14+00 Rt "C" Line  
 " " 5+12 Rt "D" Line

FEB 25 1980

VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F 019-2(4)  
 Sheet 17A of Sheets

23P 12



PLAN  
 SURVEYED  
 CALCULATED  
 PLANNED  
 CHECKED  
 NO. OF SHEETS CHECKED  
 NO.

PROFILE  
 SURVEYED  
 CALCULATED  
 PLANNED  
 CHECKED  
 NO. OF SHEETS CHECKED  
 NO.

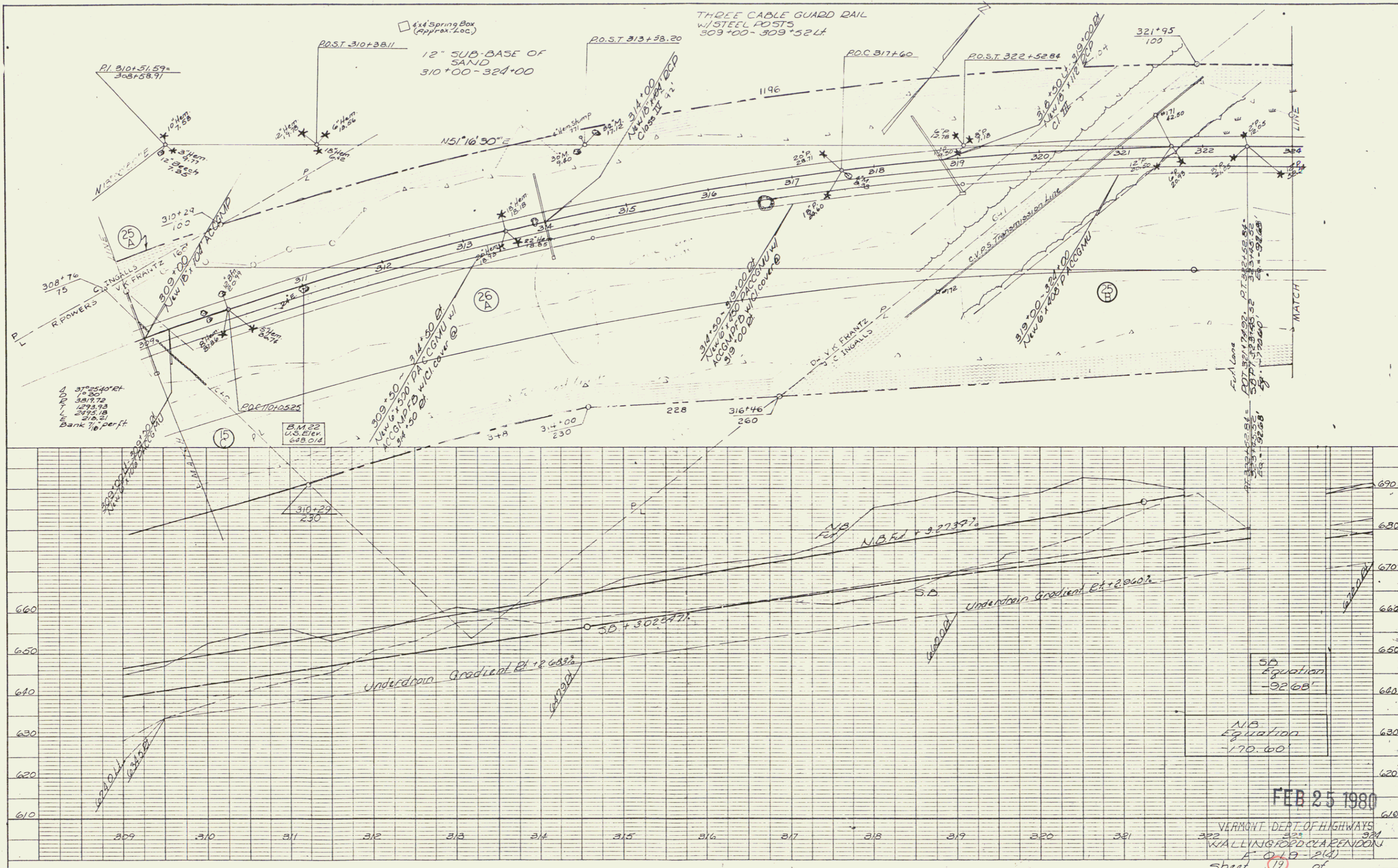


PLATE 1 PLAN PROFILE ON A 3" X 6" STANDARD  
 BEUTEL & ESSER CO. NEW YORK

FEB 25 1980  
 VERMONT DEPT. OF HIGHWAYS  
 322-323  
 WALLINGFORD CLARENDOON  
 A-019-214  
 Sheet 19 of 14



PLAN  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

PROFILE  
 DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 NO. \_\_\_\_\_

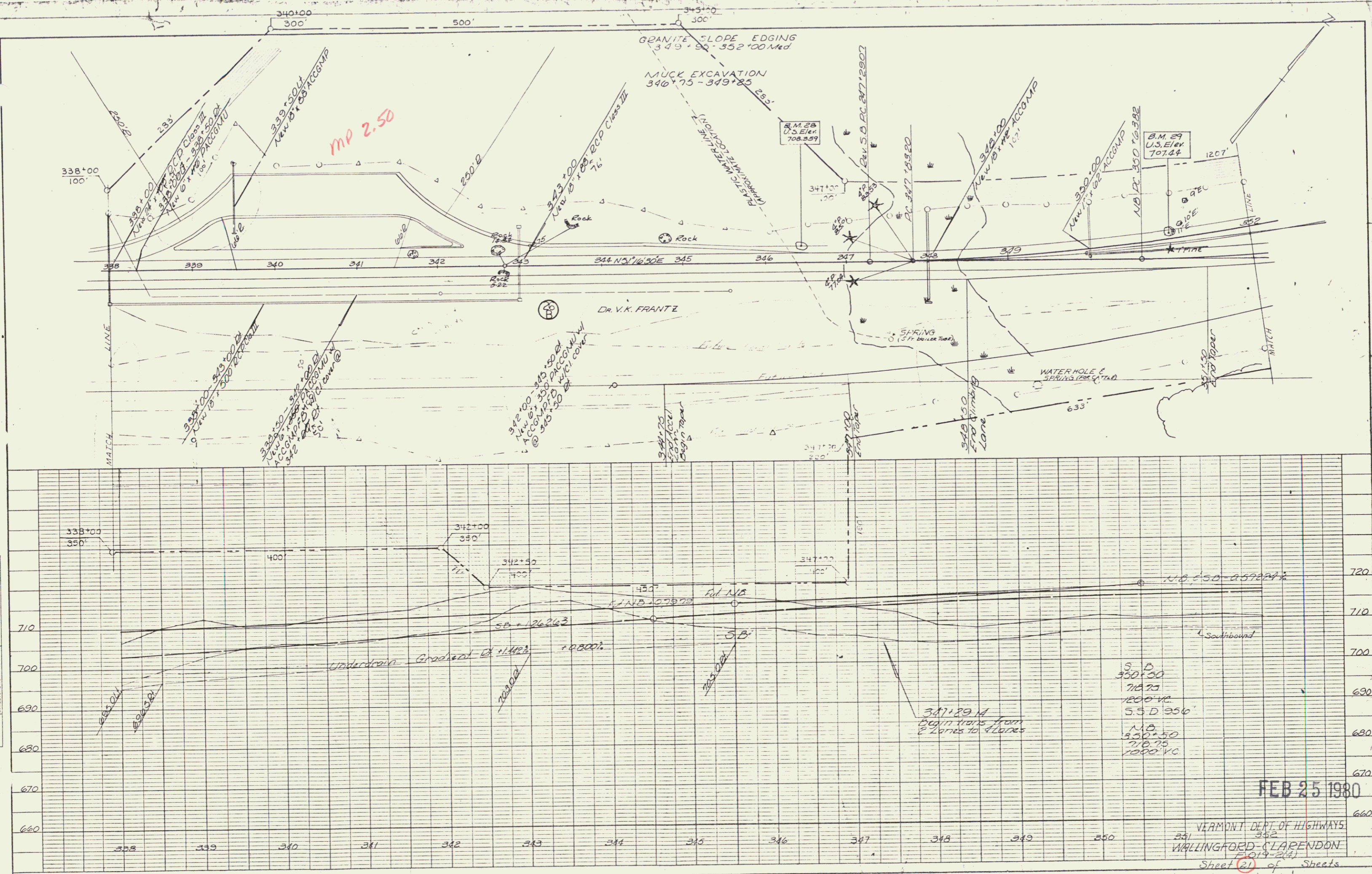


PLATE 1 - PLAN PROFILE - D.P.R. & E. STANDARD  
 KUTTEL & FISHER CO. NEW YORK  
 A.E.S. NO. 248-10

SURVEYED  
 PLANNED  
 CHECKED  
 DRAWN  
 DATE  
 5/83

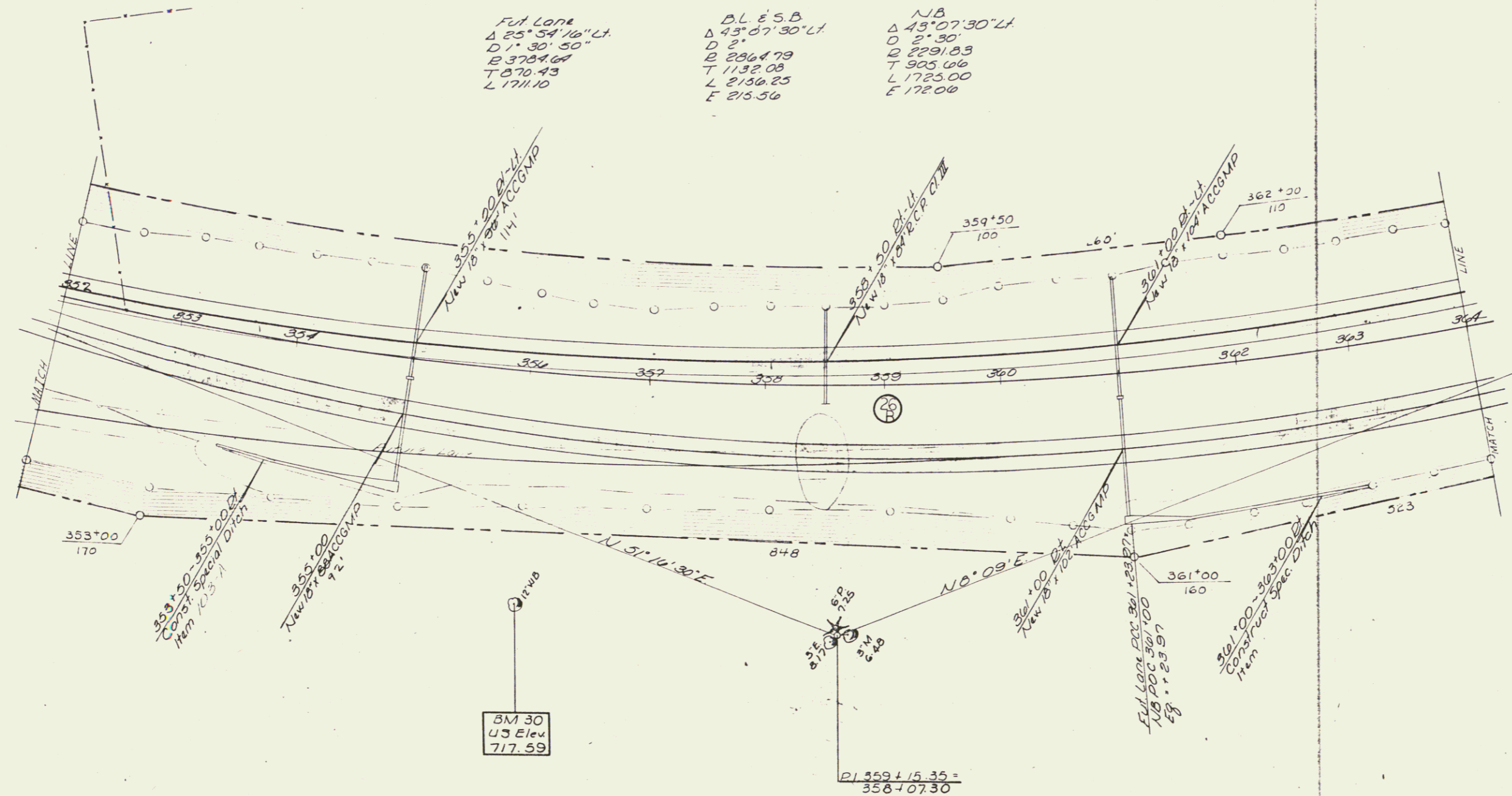
GRANITE SLOPE EDGING  
 352+00 - 352+95 Med.

MUCK EXCAVATION  
 352+75 - 355+00

FULL LOOP  
 $\Delta 25^{\circ} 54' 16''$  LT.  
 $D 1^{\circ} 30' 50''$   
 $B 3784.64$   
 $T 370.43$   
 $L 1711.10$

D.L.E.S.B.  
 $\Delta 43^{\circ} 07' 30''$  LT.  
 $D 2^{\circ}$   
 $B 2864.79$   
 $T 1132.08$   
 $L 2156.25$   
 $E 215.56$

N.B.  
 $\Delta 43^{\circ} 07' 30''$  LT.  
 $D 2^{\circ} 30''$   
 $B 2291.83$   
 $T 905.06$   
 $L 1725.00$   
 $E 172.06$

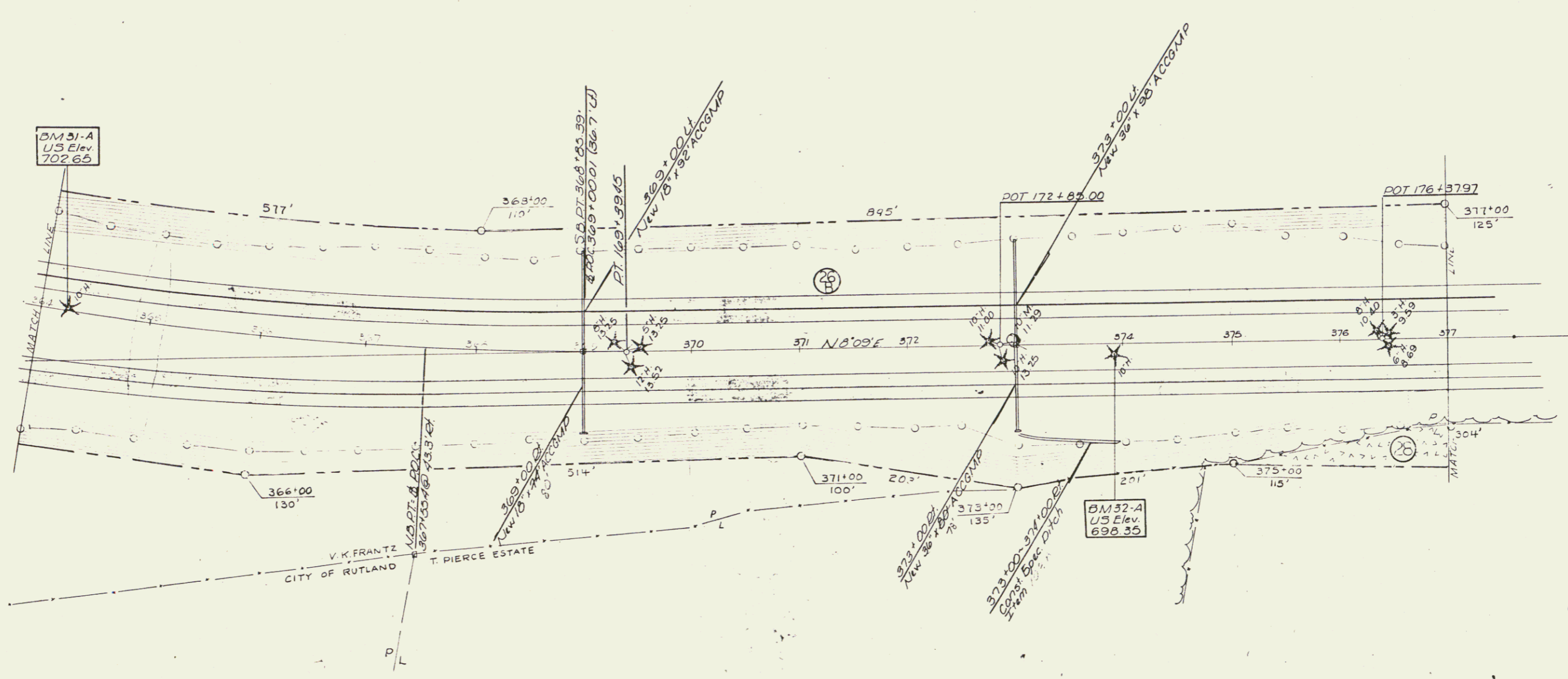


FEB 25 1980

VERMONT DEPT OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F 019 - 2(4)

Sheet 22 of 27

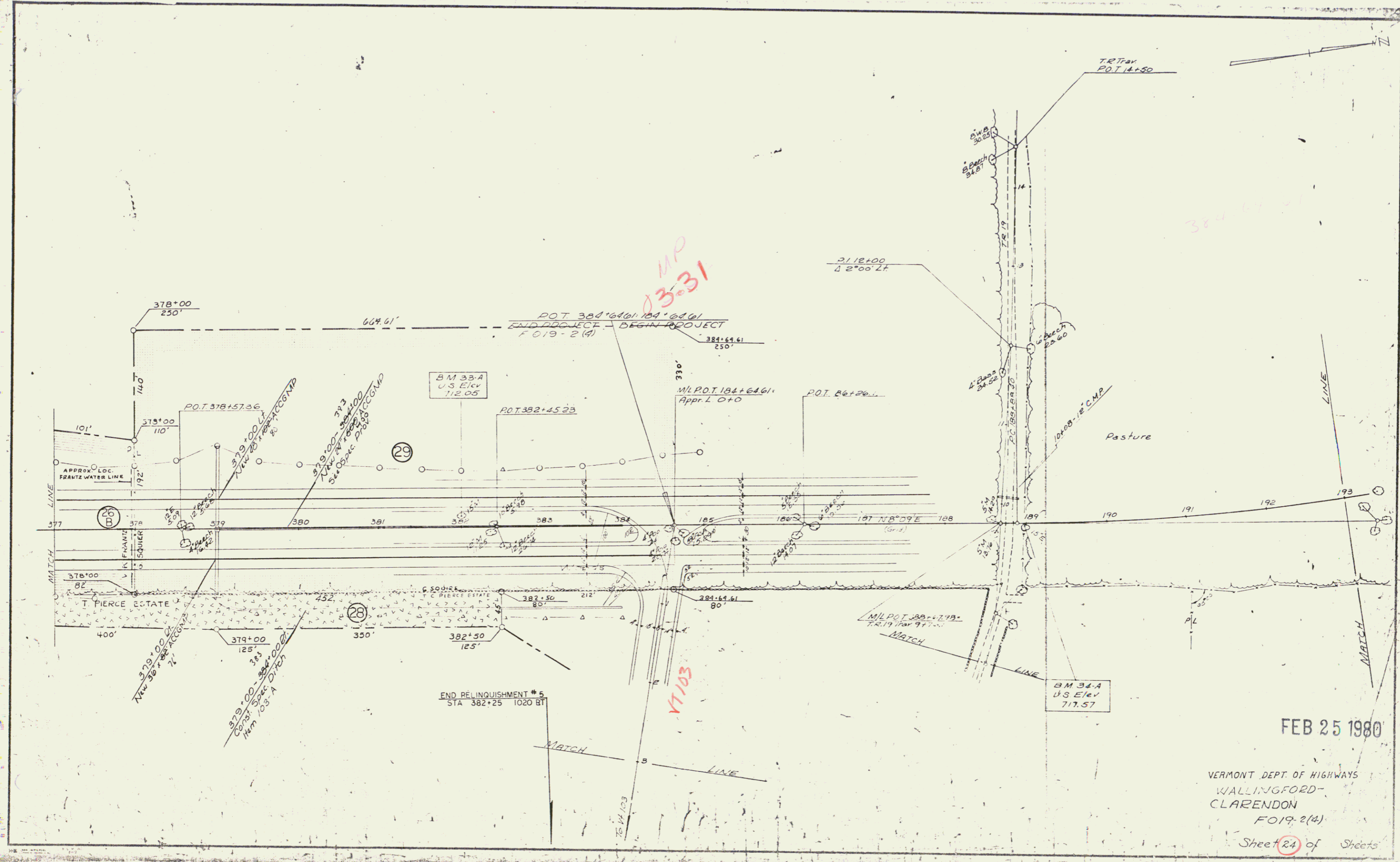
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 DRAWN BY: [ ]  
 DATE: [ ]



FEB 25 1980

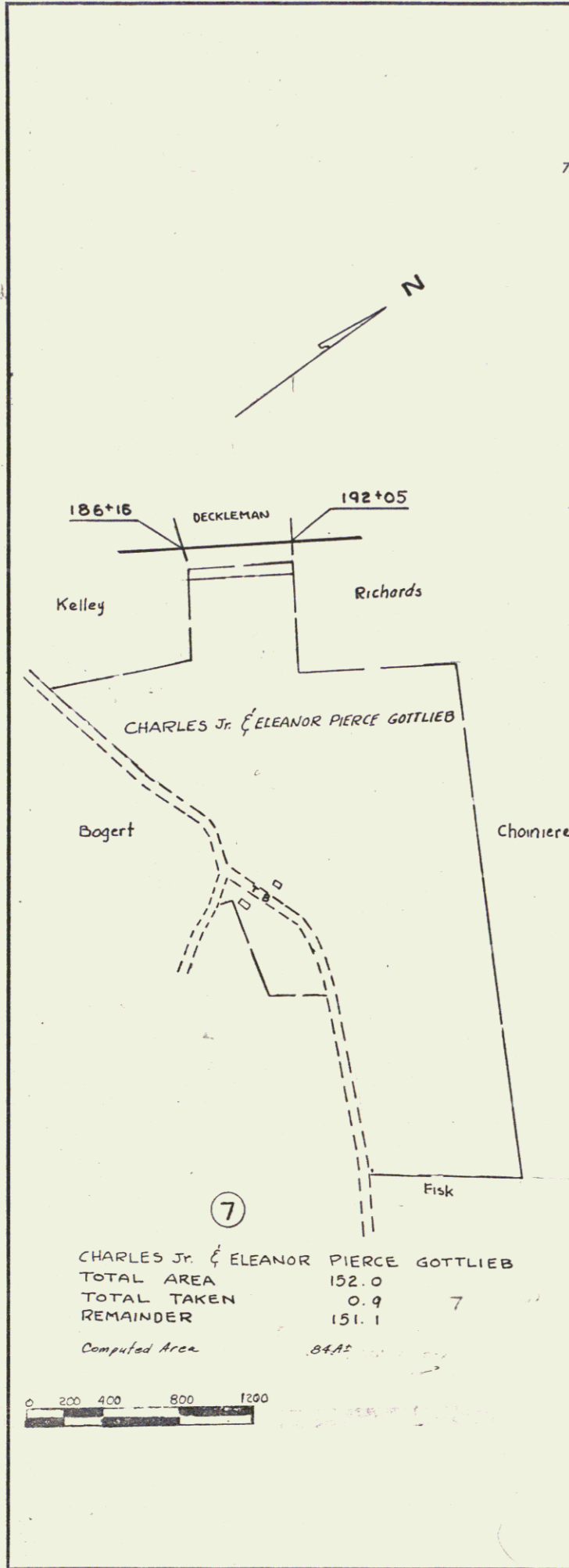
VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-CLARENDON  
 F 019 241

Sheet 23 of



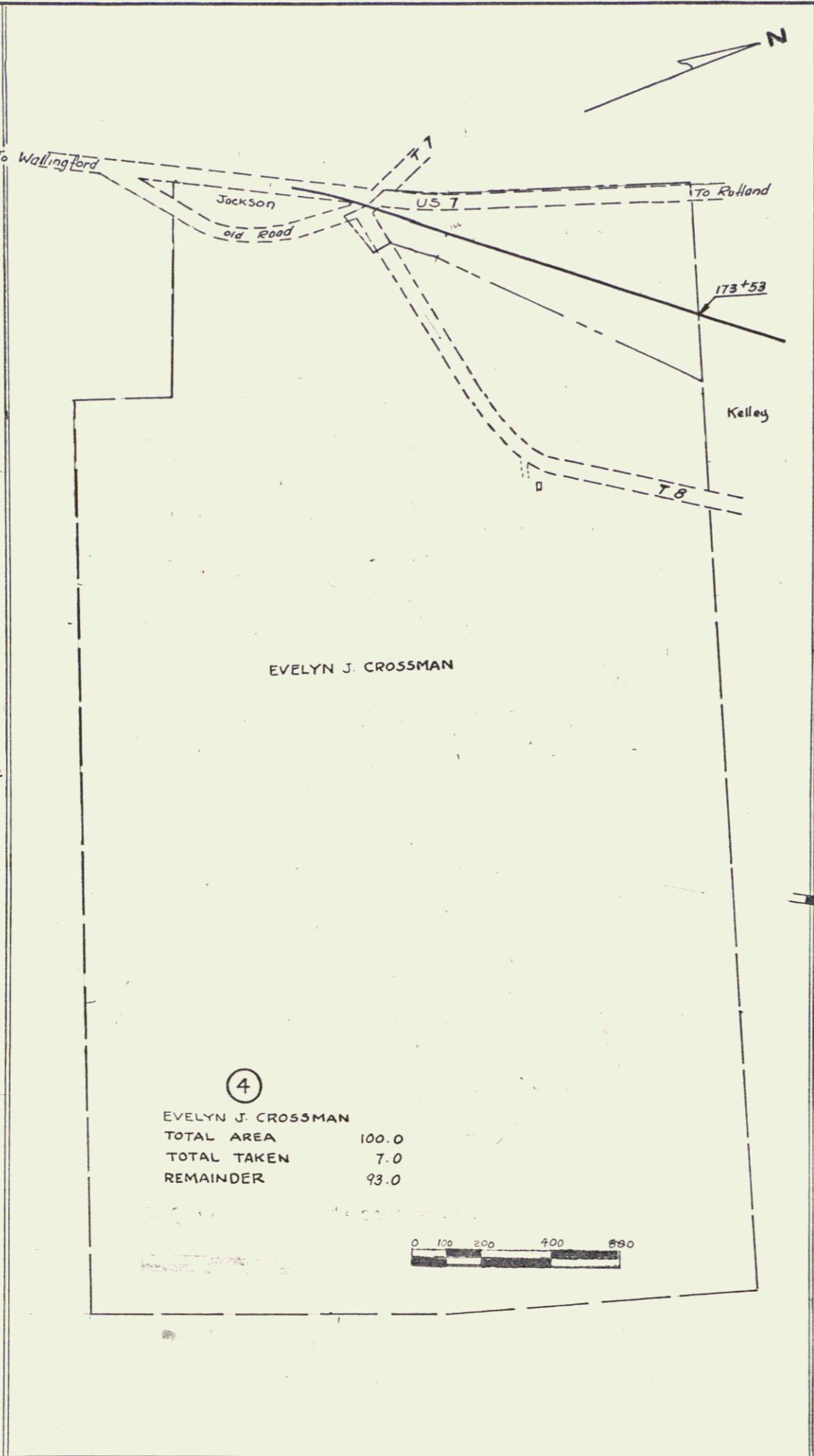
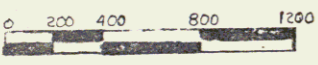
FEB 25 1980

VERMONT DEPT. OF HIGHWAYS  
 WALLINGFORD-  
 CLARENDON  
 FO19-2(4)  
 Sheet 24 of Sheets



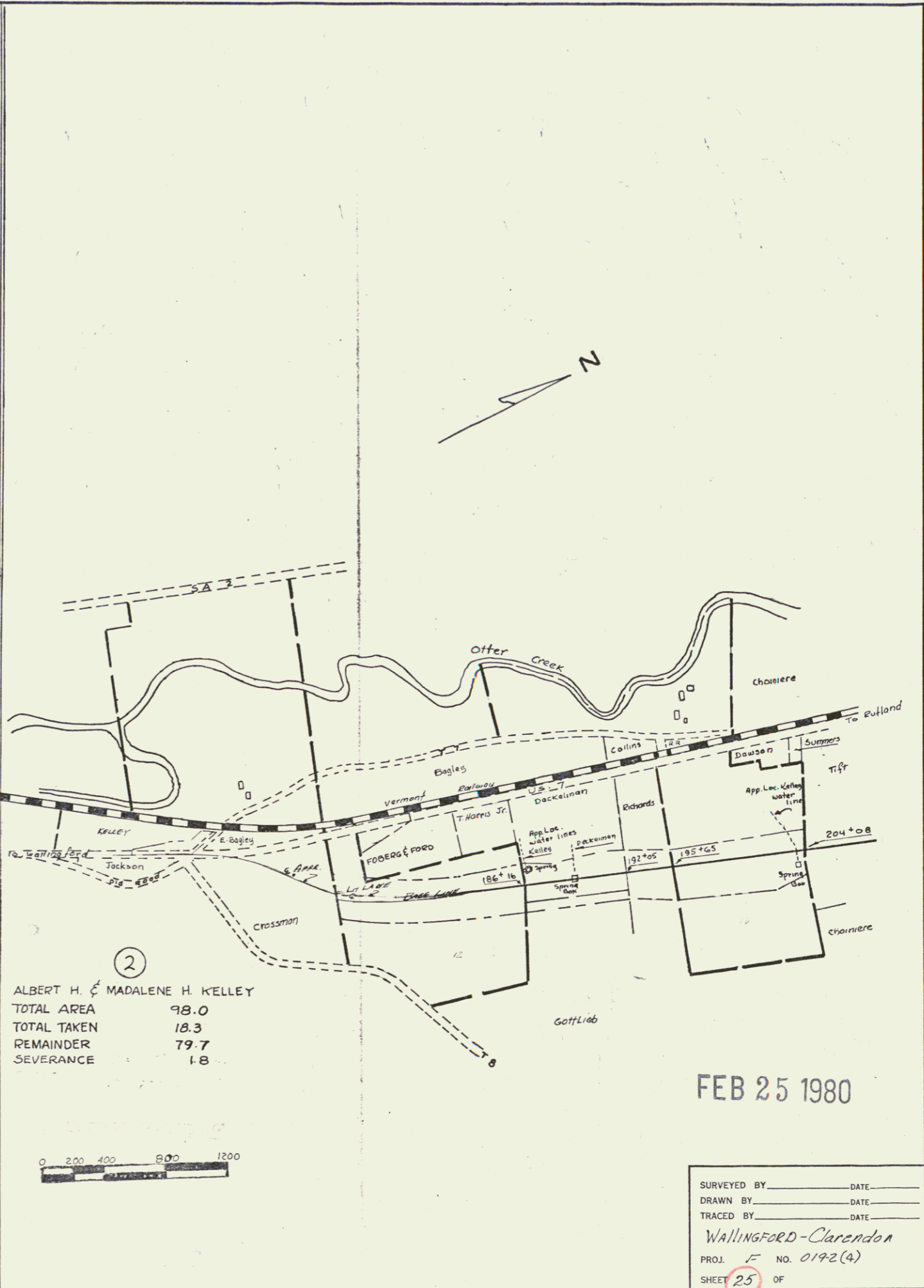
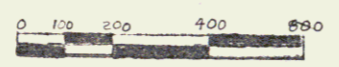
⑦

CHARLES JR. & ELEANOR PIERCE GOTTLIEB	
TOTAL AREA	152.0
TOTAL TAKEN	0.9
REMAINDER	151.1
Computed Area	84.42



④

EVELYN J. CROSSMAN	
TOTAL AREA	100.0
TOTAL TAKEN	7.0
REMAINDER	93.0



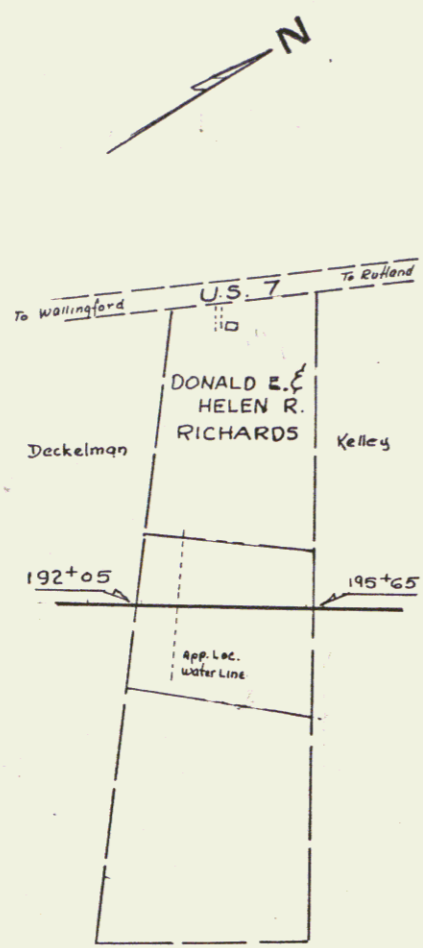
②

ALBERT H. & MADALENE H. KELLEY	
TOTAL AREA	98.0
TOTAL TAKEN	18.3
REMAINDER	79.7
SEVERANCE	1.8

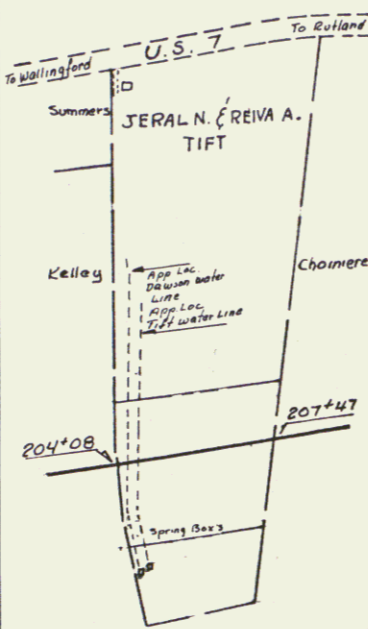


FEB 25 1980

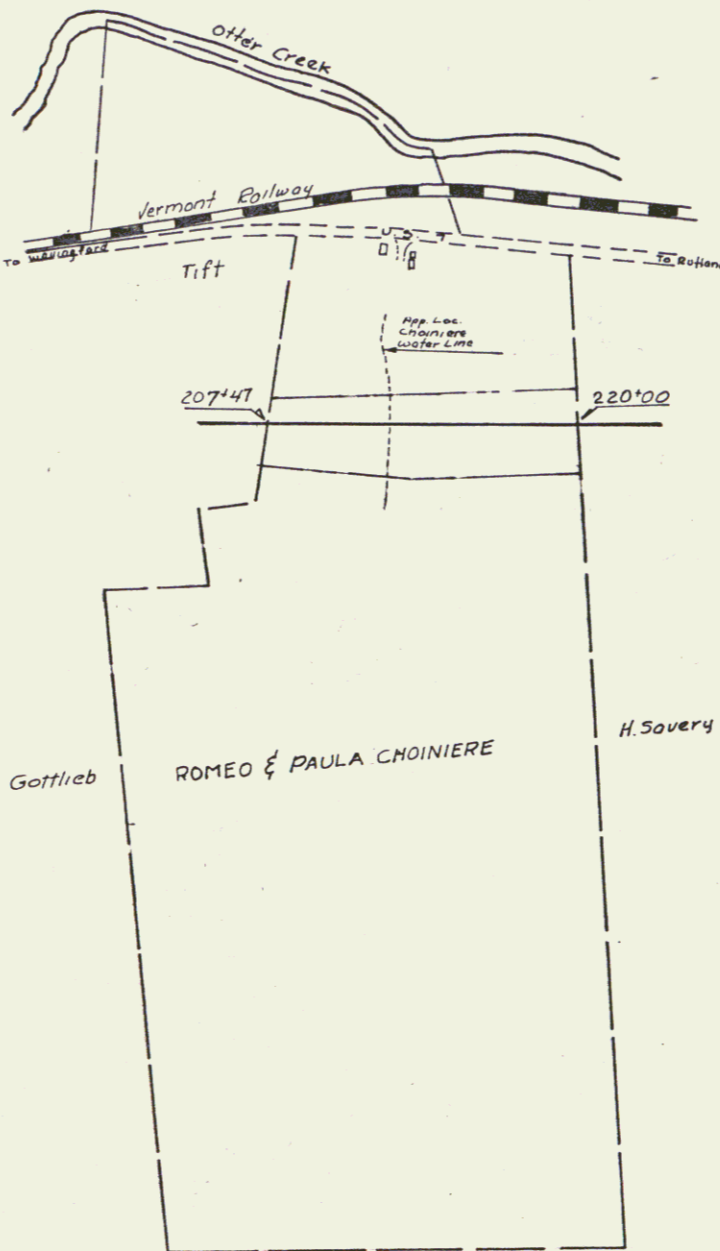
SURVEYED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
 TRACED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 Wallingford-Clarendon  
 PROJ. NO. 0192(A)  
 SHEET 25 OF \_\_\_\_\_



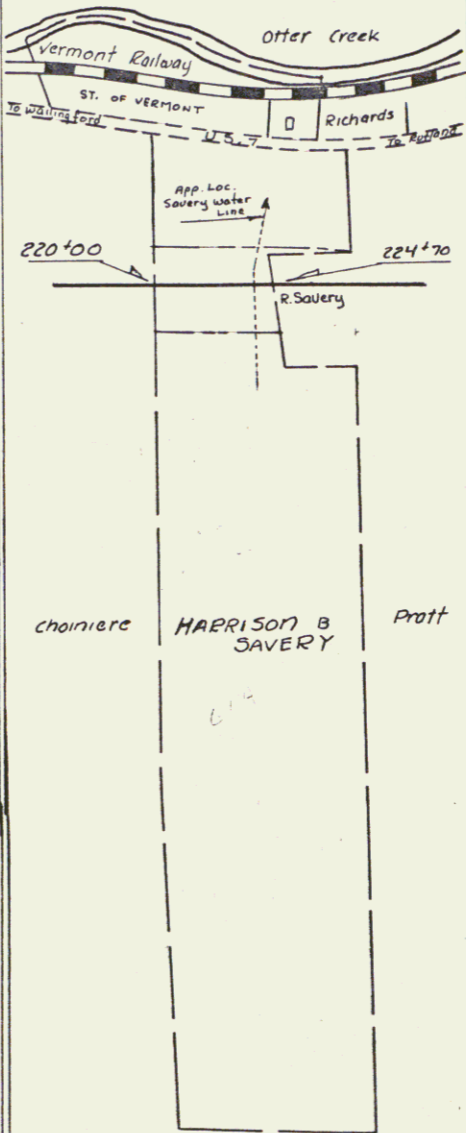
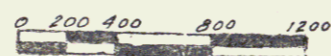
⑧ DONALD E. & HELEN R. RICHARDS  
 TOTAL AREA 11.0  
 TOTAL TAKEN 2.8  
 REMAINDER 8.2  
 SCALE 3.5



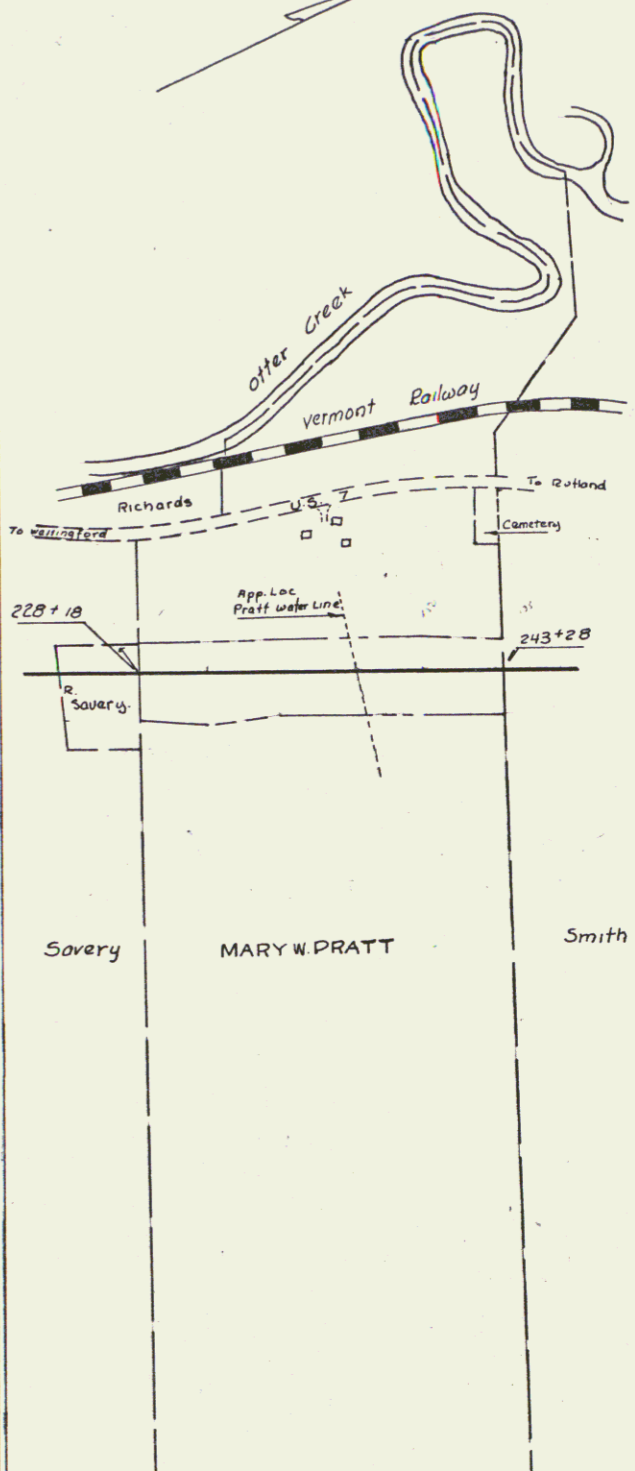
⑨ JERAL N. & REIVA A. TIFT  
 TOTAL AREA 10.0  
 TOTAL TAKEN 2.4  
 REMAINDER 7.6  
 SEVERANCE 1.0  
 SCALE



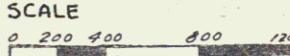
⑩ ROMEO & PAULA CHOINIÈRE  
 TOTAL AREA 166.0  
 TOTAL TAKEN 9.9  
 REMAINDER 156.1  
 SCALE



⑪ HARRISON B. SAVERY  
 TOTAL AREA 61.0  
 TOTAL TAKEN 4.0  
 REMAINDER 57.0  
 SCALE

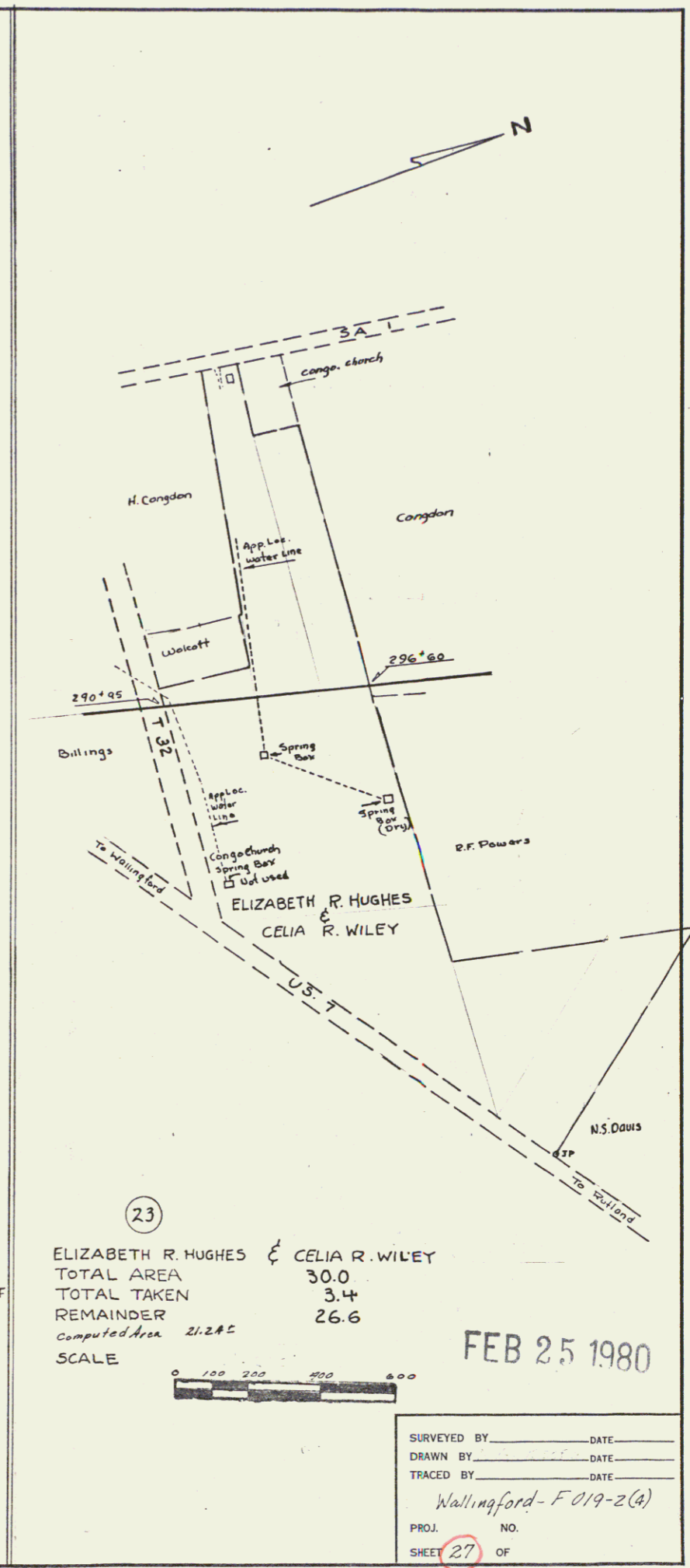
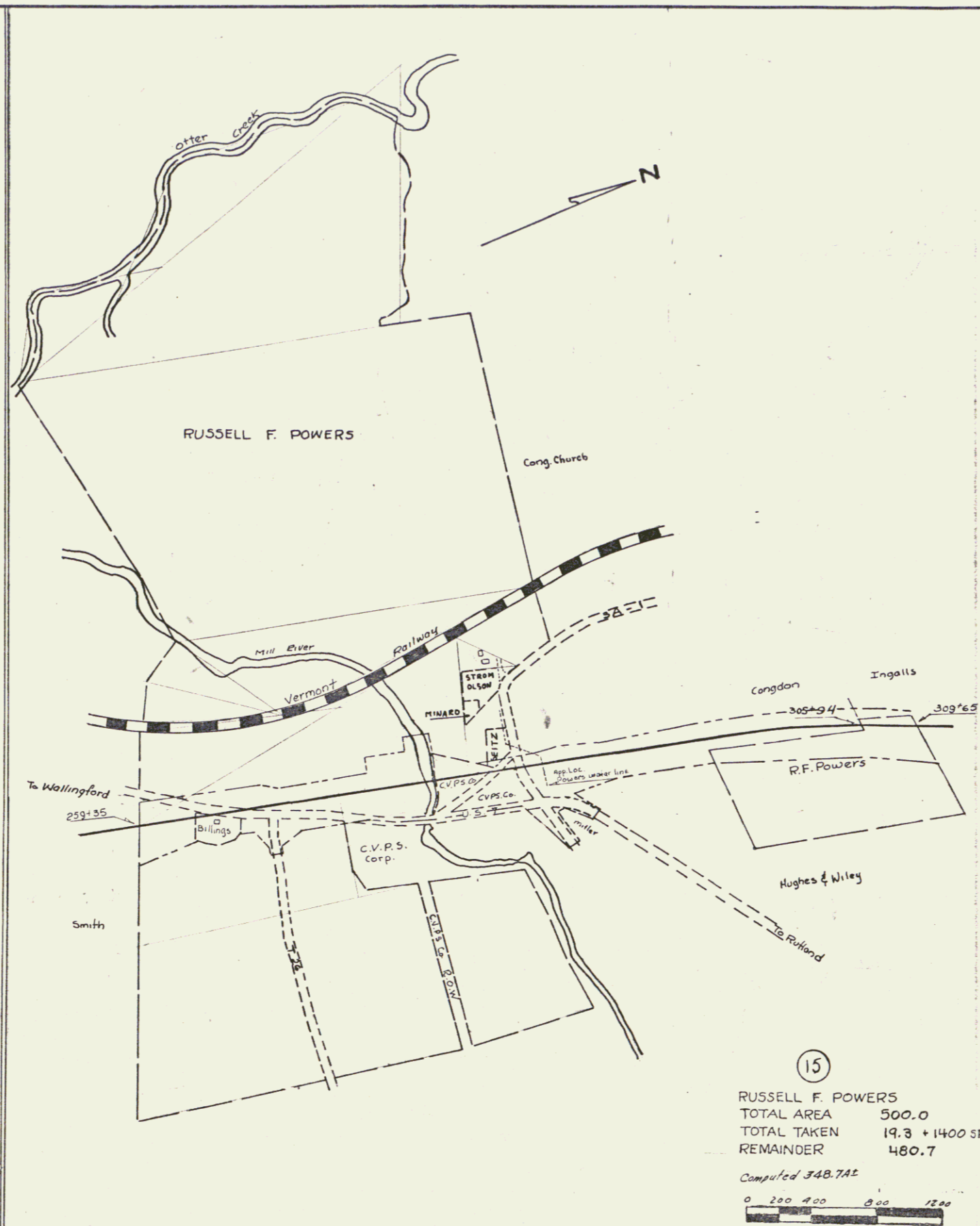
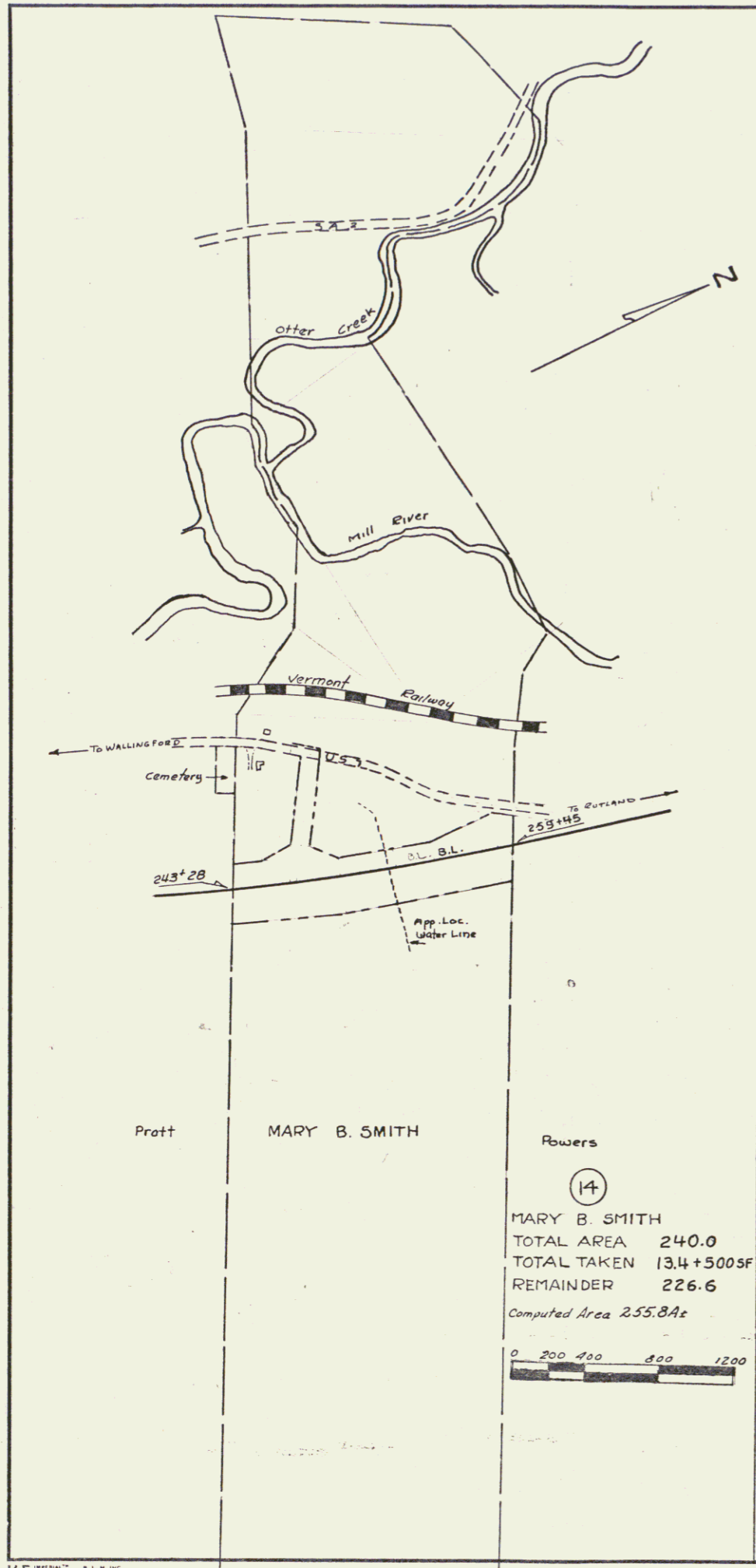


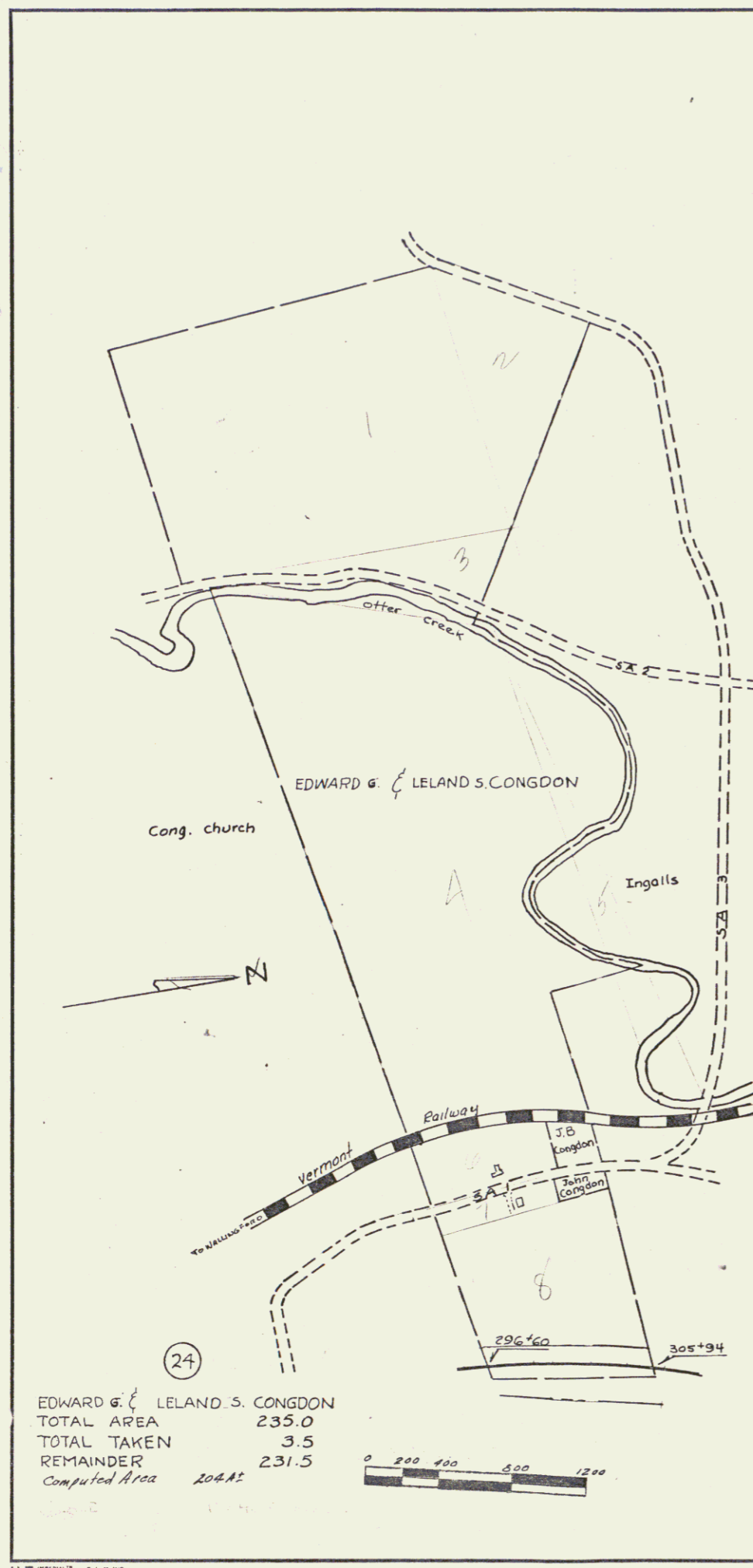
⑬ MARY W. PRATT  
 TOTAL AREA 160.0  
 TOTAL TAKEN 11.2  
 REMAINDER 148.8  
 SCALE



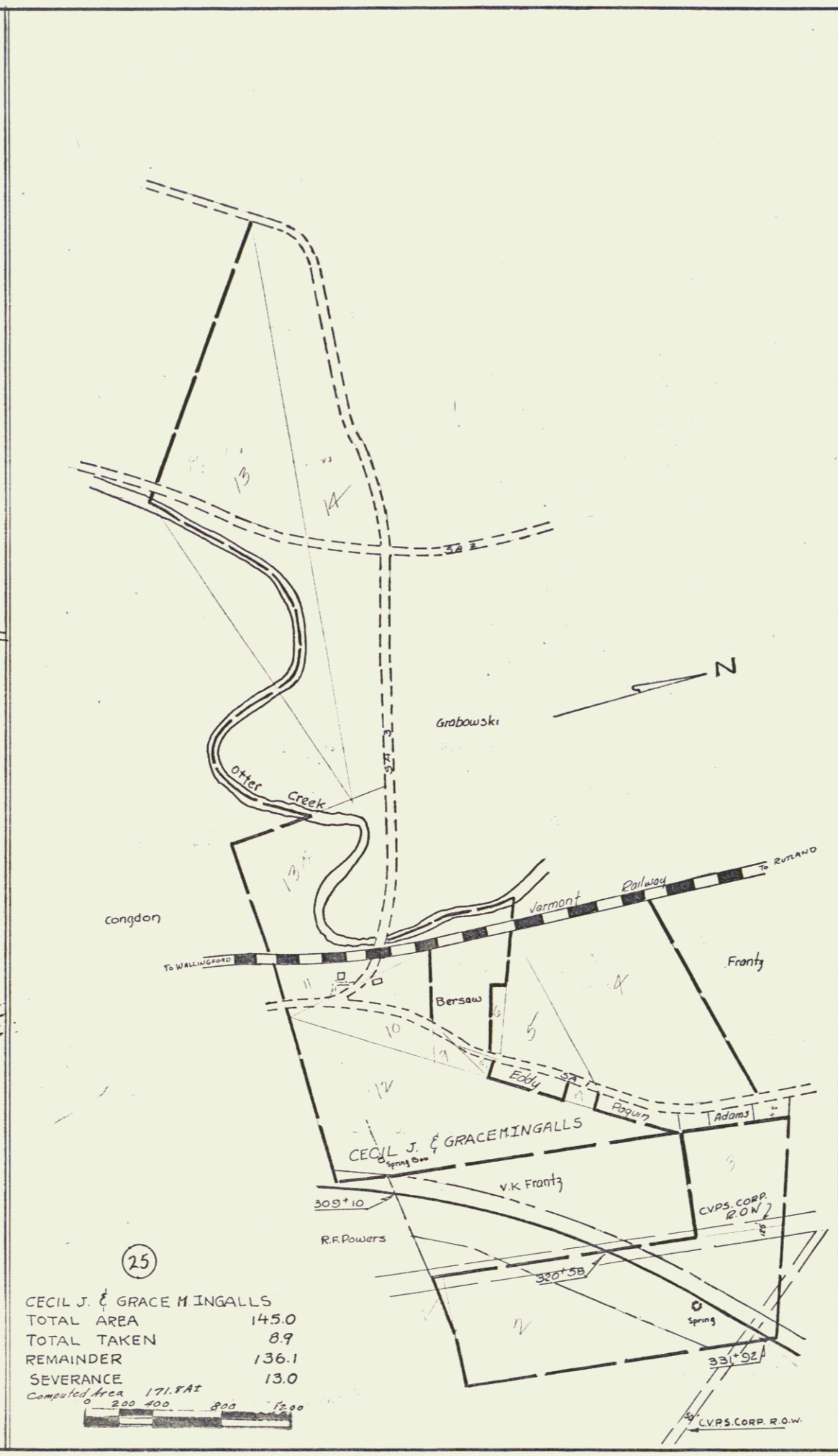
FEB 25 1980

SURVEYED BY	DATE
DRAWN BY	DATE
TRACED BY	DATE
WALLINGFORD-CLARNDON	
PROJ. F.	NO. 019-2(A)
SHEET 26	OF

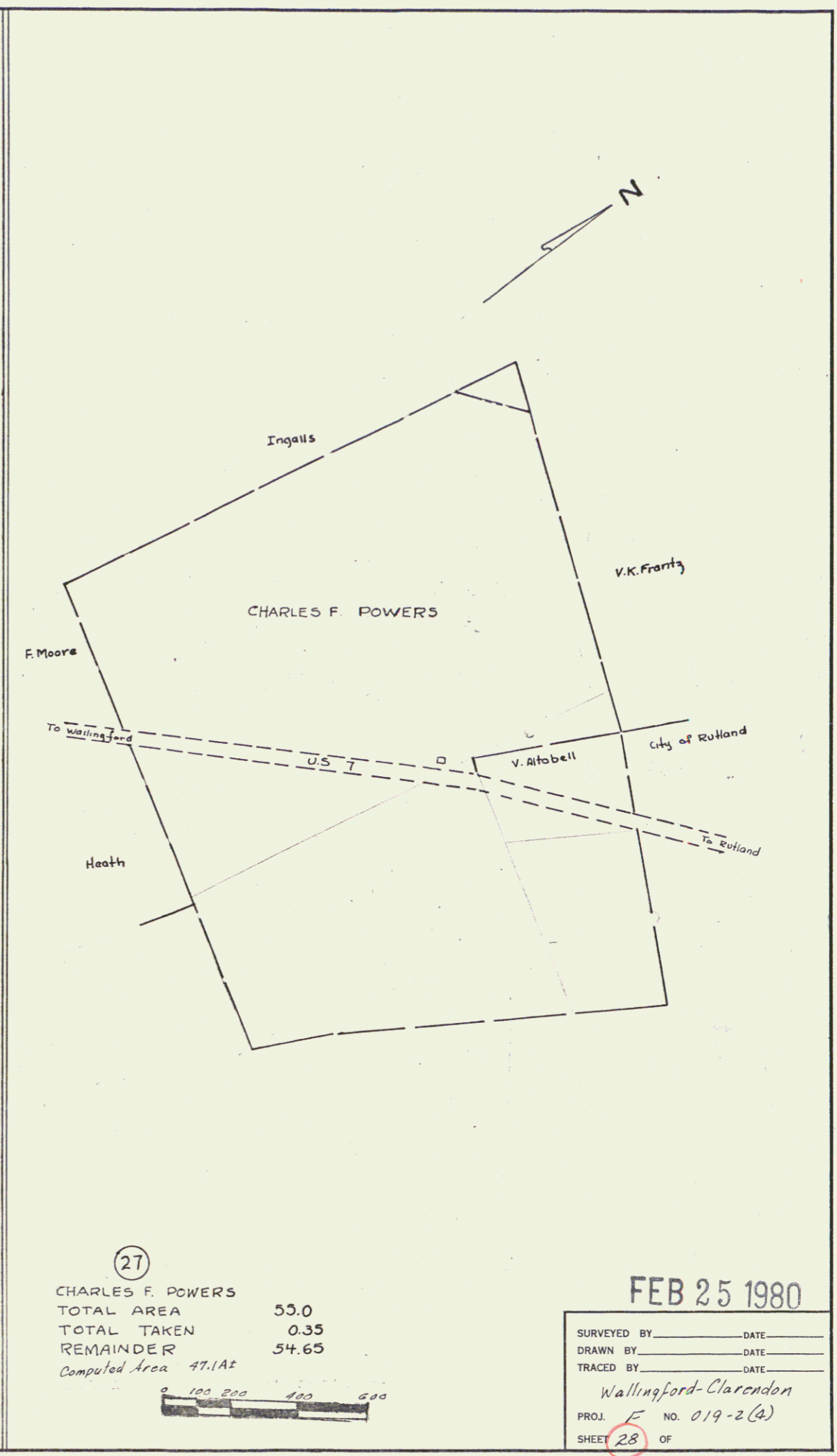




(24)  
 EDWARD & LELAND S. CONGDON  
 TOTAL AREA 235.0  
 TOTAL TAKEN 3.5  
 REMAINDER 231.5  
 Computed Area 204.12



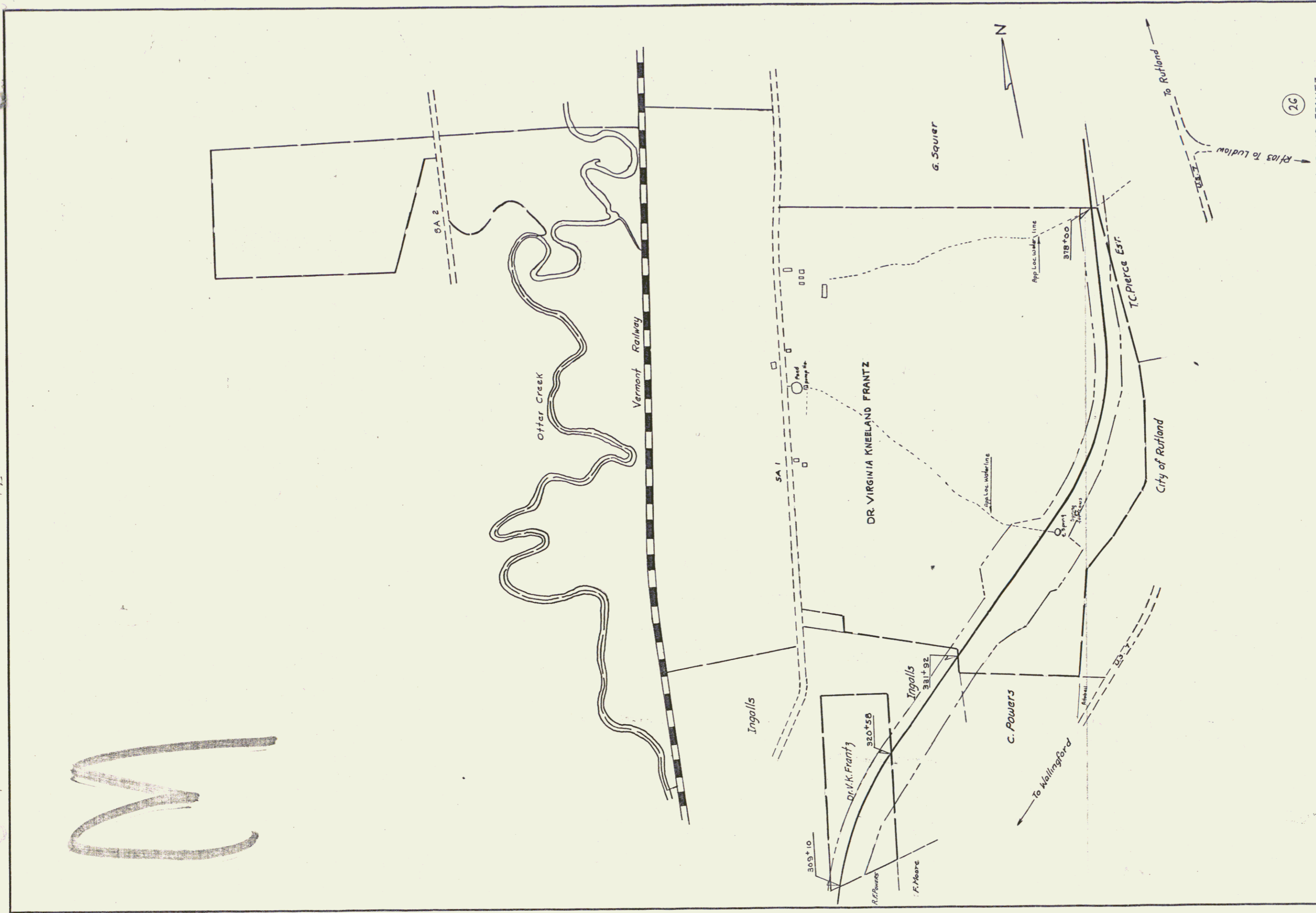
(25)  
 CECIL J. & GRACE M. INGALLS  
 TOTAL AREA 145.0  
 TOTAL TAKEN 8.9  
 REMAINDER 136.1  
 SEVERANCE 13.0  
 Computed Area 171.12



(27)  
 CHARLES F. POWERS  
 TOTAL AREA 55.0  
 TOTAL TAKEN 0.35  
 REMAINDER 54.65  
 Computed Area 47.12

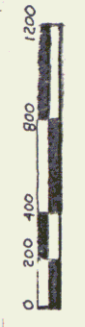
FEB 25 1980  
 SURVEYED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
 TRACED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 Wallingford-Clarendon  
 PROJ. NO. 019-2(a)  
 SHEET 28 OF 23

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(26)

DR. VIRGINIA KNEELAND FRANTZ	
TOTAL AREA	660.0
TOTAL TAKEN	43.8
REMAINDER	616.2
SEVERANCE	30.3



FEB 25 1980

SURVEYED BY	DATE
DRAWN BY	DATE
TRACED BY	DATE
Wallingford-Clarendon	
PROJ. <i>F</i>	NO. 019-2(A)
SHEET <i>29</i>	OF

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