

197-8-1 Belvidere 63-64

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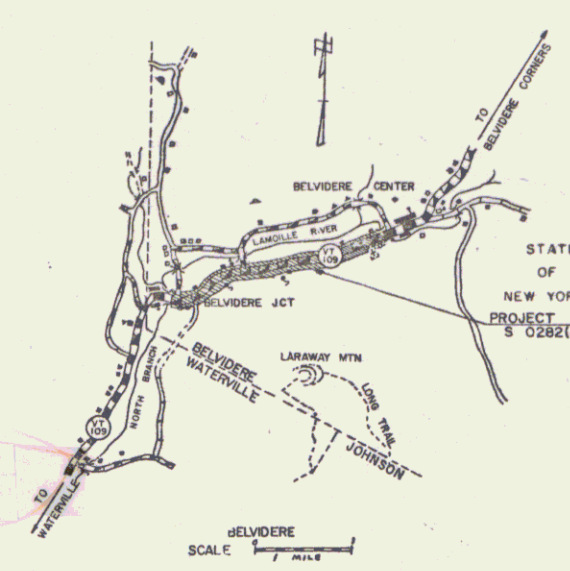
BENCH MARKS BASED ON USGS ELEVATIONS

**STATE OF VERMONT  
DEPARTMENT OF HIGHWAYS  
PROPOSED IMPROVEMENT**

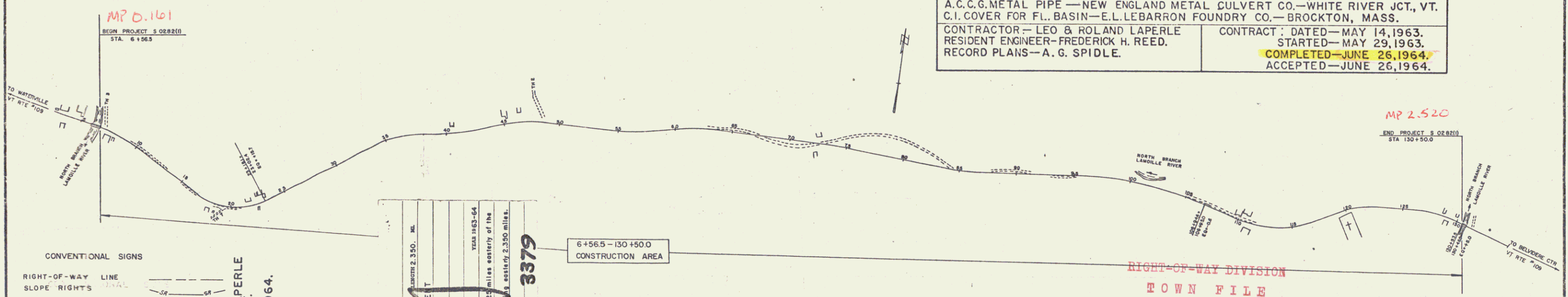
**TOWN OF BELVIDERE  
COUNTY OF LAMOILLE  
VERMONT ROUTE 109  
WATERVILLE-EDEN ROAD**

FEDERAL AID SECONDARY PROJECT  
BEGINNING AT A POINT APPROXIMATELY 0.25 MILES  
EASTERLY OF THE WATERVILLE-BELVIDERE TOWN  
LINE AND EXTENDING EASTERLY 2.351 MILES  
LENGTH OF PROJECT 12413.6 FEET 2.351 MILES

1960 ADT	150-120
1980 ADT	220-175
1980 DHV	50
V	50 MPH
D	70 %
T	10 %



<b>PROJECT NAME &amp; NUMBER</b>	<b>TYPE PAVEMENT</b>	<b>AREA</b>
BELVIDERE S 0282(1)	BITUMINOUS CONCRETE	30,337 S.Y.
<b>RECORD PLANS MATERIALS</b>		
SUBBASE OF GRAVEL—MEYERS PIT & PRESTON PIT—BELVIDERE, VT.		
GRAVEL BACKFILL—MEYERS PIT—BELVIDERE, VT.		
SAND—NADEAU PIT—JOHNSON, VT.		
PEA STONE—RUBEROID CO.—EDEN, VT.		
ASPHALT—MOBIL OIL CO.—E. PROVIDENCE, R. I.		
BITUMINOUS CONCRETE PAVEMENT—L.M. PIKE & SON, INC. (PLANT)—WILLISTON, VT.		
R.C. PIPE, CLASS III, 60"—MARTIN MARIETTA CO.—WINDSOR, VT.		
R.C. PIPE, CLASS IV, 60"—HUME PIPE CO.—SWAMPSCOTT, MASS.		
R.C. PIPE (except above), P.R.C.P.D.I. w/ C.I. GRATE, CABLE GUARD RAIL, WOOD GUIDE & MARKER POSTS—S.T. GRISWOLD & CO., INC.—WILLISTON, VT.		
A.C.C.G. METAL PIPE—NEW ENGLAND METAL CULVERT CO.—WHITE RIVER JCT., VT.		
C.I. COVER FOR FL. BASIN—E.L. LEBARRON FOUNDRY CO.—BROCKTON, MASS.		
CONTRACTOR—LEO & ROLAND LAPERLE	CONTRACT DATED—MAY 14, 1963.	
RESIDENT ENGINEER—FREDERICK H. REED.	STARTED—MAY 29, 1963.	
RECORD PLANS—A. G. SPIDLE.	COMPLETED—JUNE 26, 1964.	
	ACCEPTED—JUNE 26, 1964.	



**CONVENTIONAL SIGNS**

RIGHT-OF-WAY LINE	FINAL
SLOPE RIGHTS	
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	
MEDIE	

**LEO & ROLAND LAPERLE**  
CONTRACTOR—ST. JOHNSBURY, VT.  
RECORD PLANS—A. G. SPIDLE  
CONST. COMPLETED—JUNE 26, 1964.

**CONTRACTOR LEO & ROLAND LAPERLE**  
ST. JOHNSBURY, VT.  
YEAR 1963-64

**Box 199 3379**

PROJECT BELVIDERE	NUMBER S 0282 (1)	TYPE BITUMINOUS CONCRETE PAVEMENT
CONTRACTOR LEO & ROLAND LAPERLE	ST. JOHNSBURY, VT.	YEAR 1963-64
Location: Beginning of a point approximately 0.25 miles easterly of the Waterville-Belvidere Town Line and extending easterly 2.350 miles.		
ASST. CHIEF ENGINEER	APPROVED	DATE 12/20/62
APPROVED	DATE 3/13/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	
APPROVED	DATE 12/20/62	

NOTES: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OF MATERIALS RELATIVE TO THIS PROJECT MAY BE OBTAINED IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS  
Pin\* 00R058

APPROVED

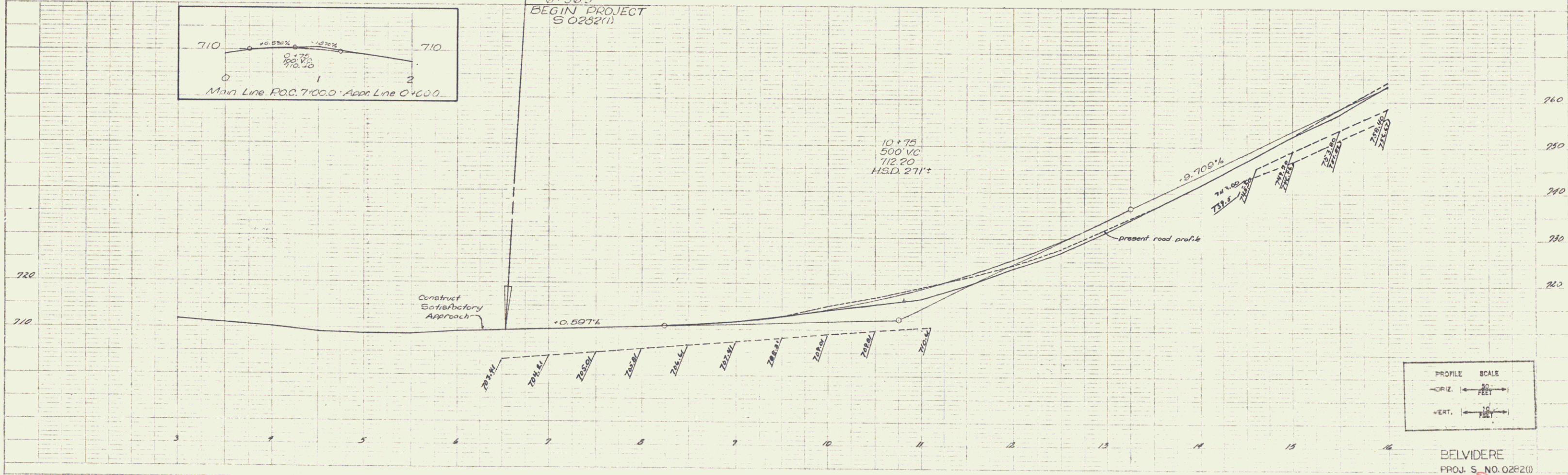
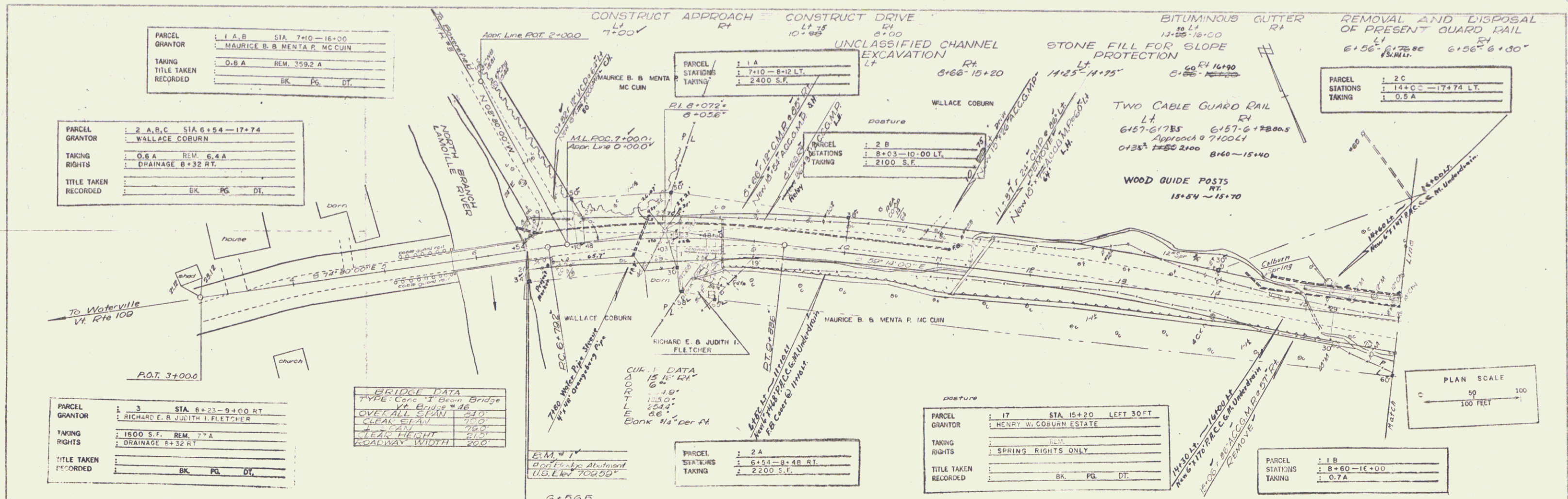
DIVISION ENGINEER DATE

PROJECT S NO. 0282(1)

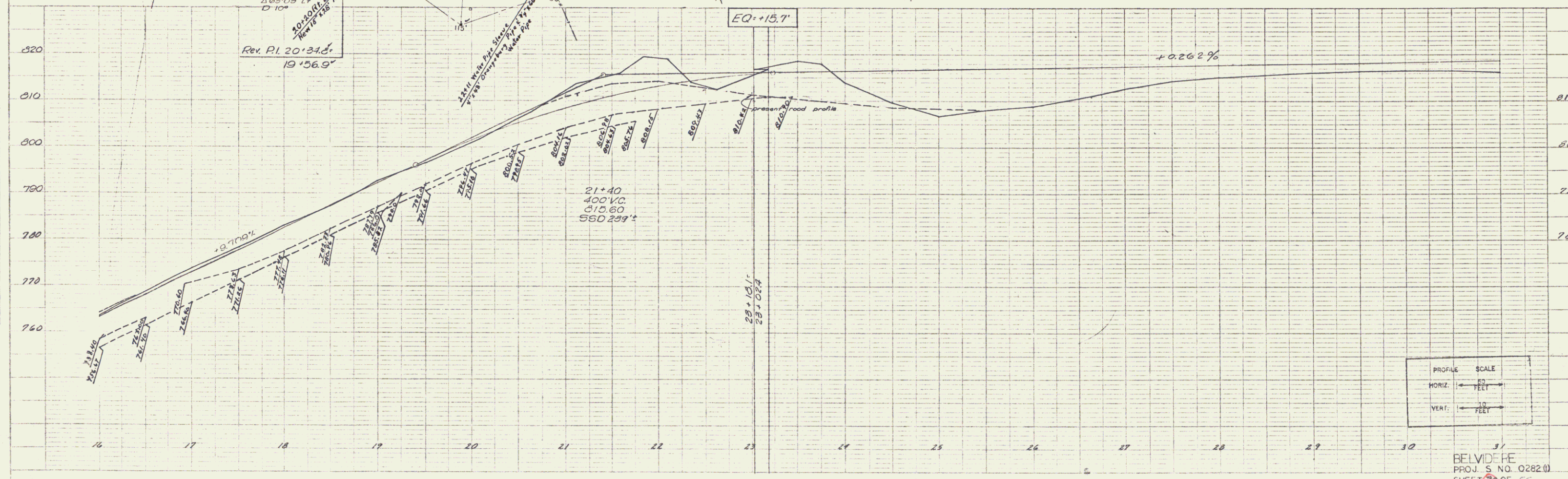
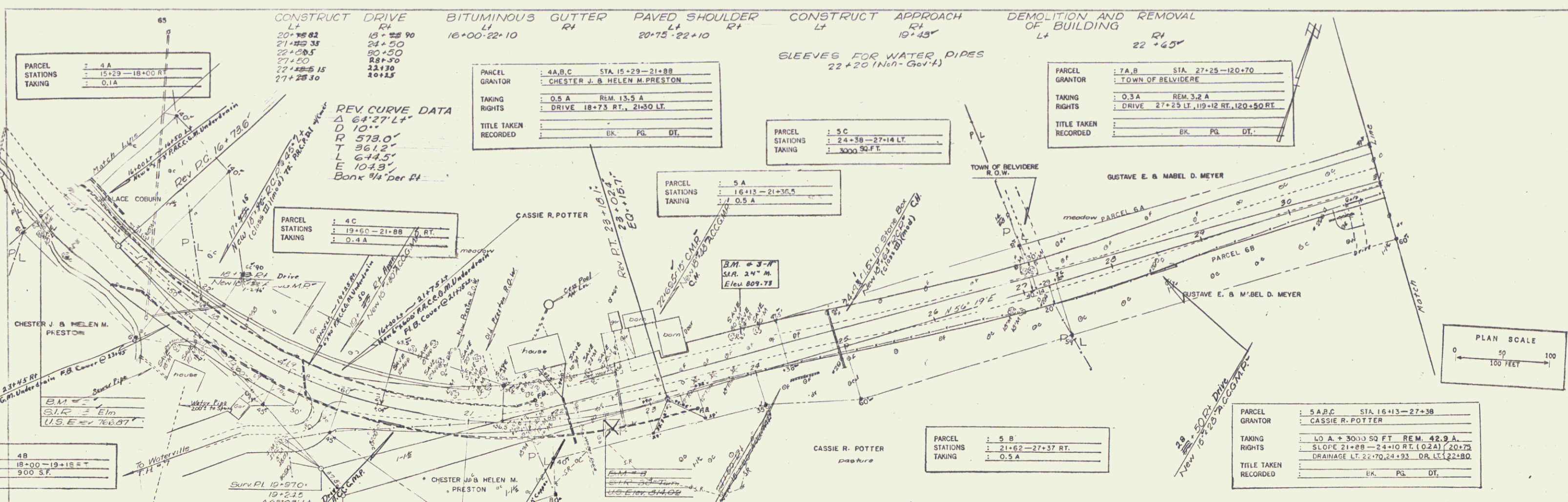
SHEET 1 OF 56 SHEETS

PLAN  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: [Date]

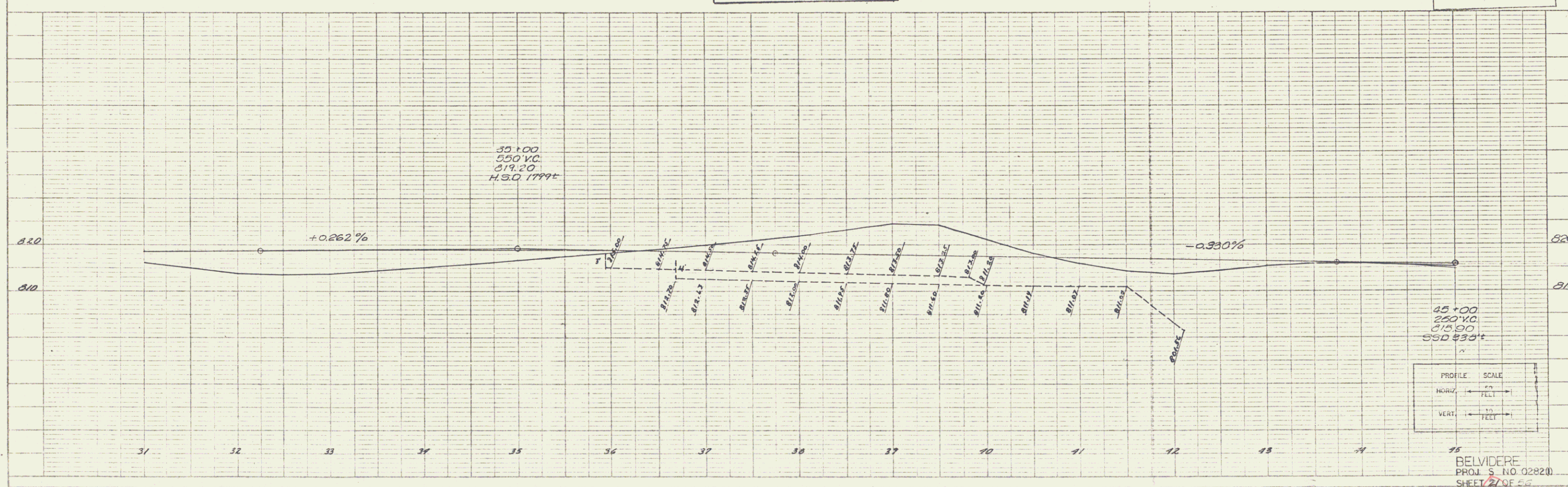
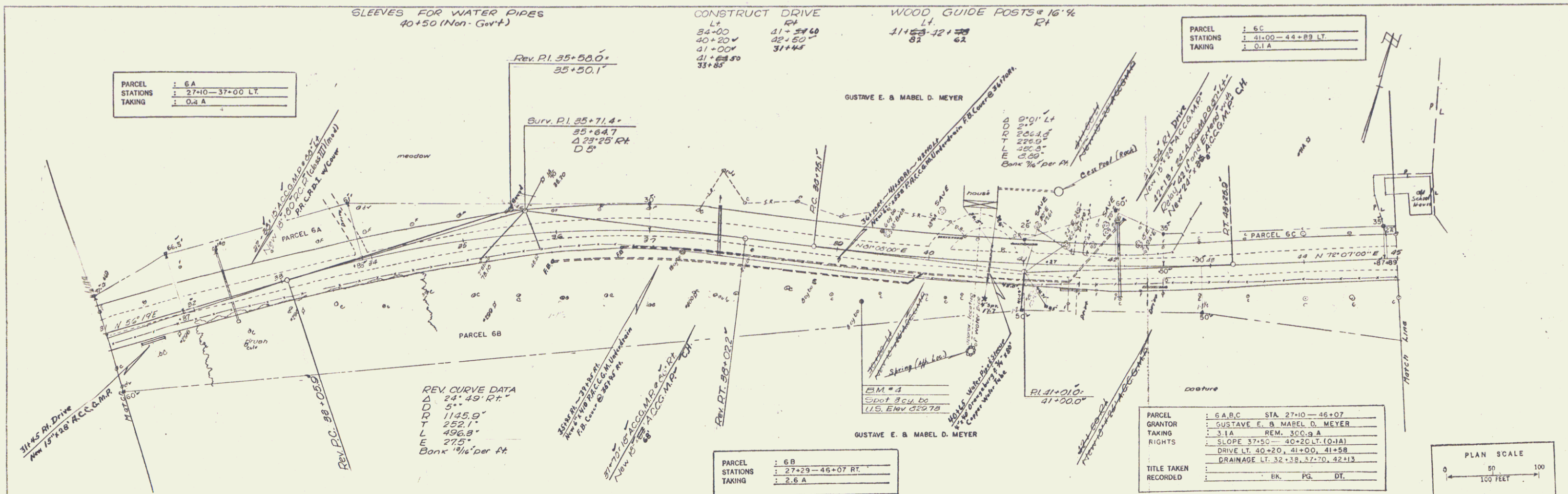
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BELVIDERE  
 PROJ. S. NO. 0282(1)  
 SHEET 19 OF 36



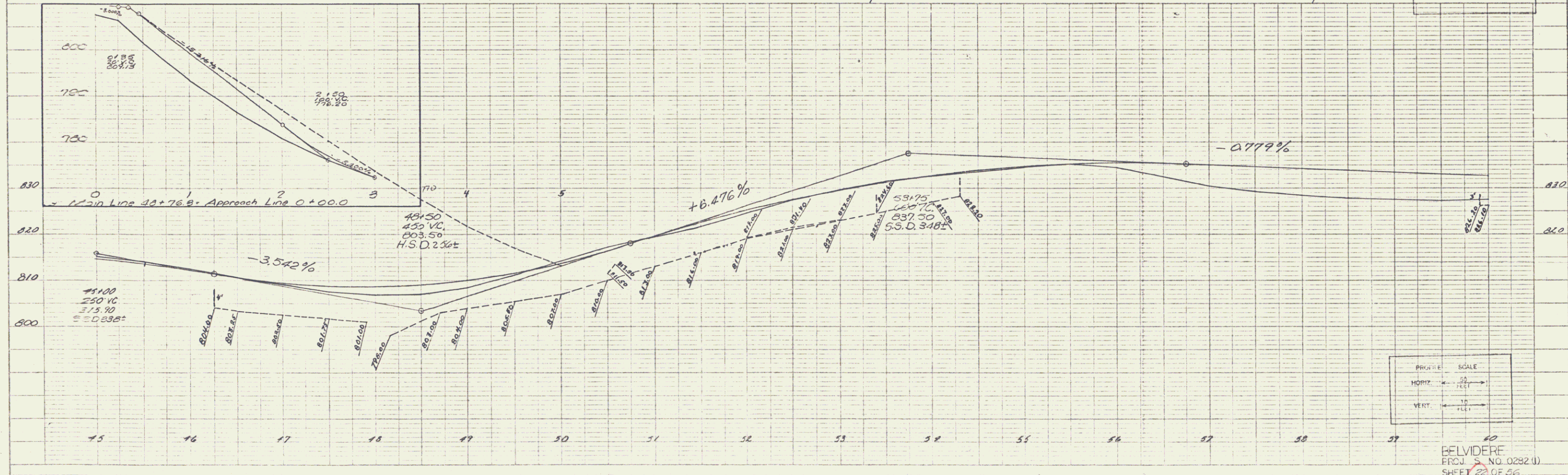
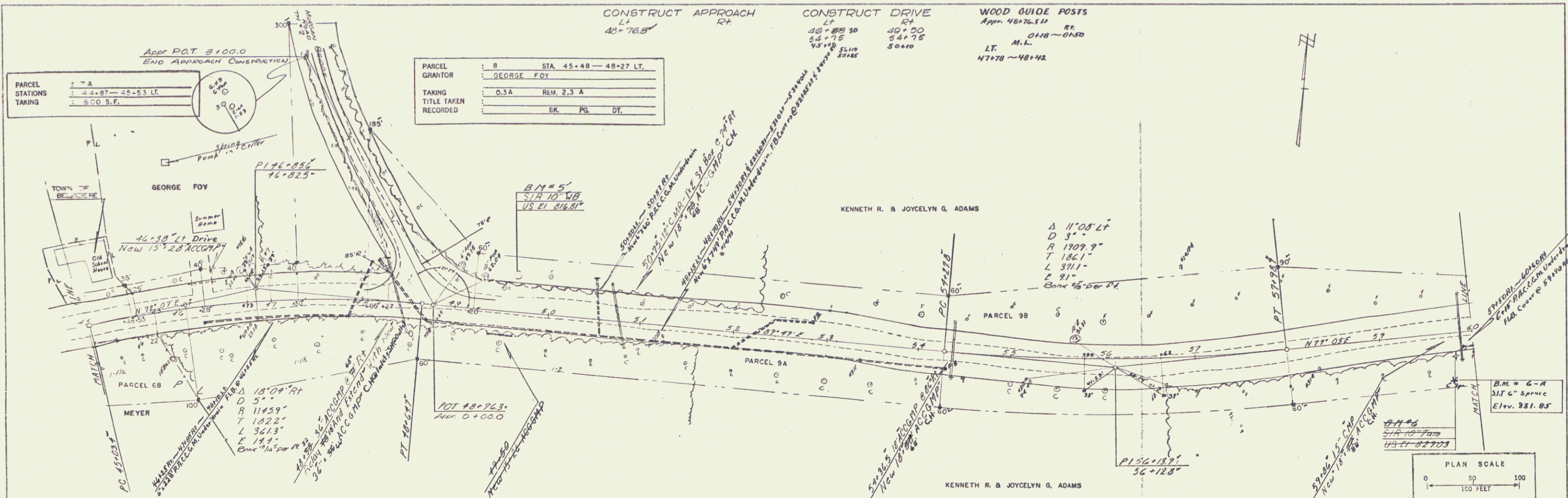
BELVIDERE  
 PROJ. 5 NO. 0282 (1)  
 SHEET 20 OF 56



PLANS DRAWN BY SHAWLING & LAUFFMAN

DATE: 4-27-54

PROJECT: 1145 Pl. Drive



VERT. SCALE  
1" = 10'  
HORIZ. SCALE  
1" = 20'

BELVIDERE  
PROJ. S. NO. 0292 (J)  
SHEET 22 OF 26

5

CONSTRUCT DRIVE  
 LT 68+00-71+00  
 RT 72+60  
 72+00-73+00  
 73+00-80  
 CO. 0.00-0.80  
 66175  
 64135  
 73+50  
 71+34

TWO CABLE GUARD RAIL  
 LT 67+25-76+00  
 RT 70+00-70+99.92  
 68+25-68+97 76+00-76+00

UNCLASSIFIED CHANNEL  
 EXCAVATION  
 LT 75+30-76+00  
 RT

STONE FILL FOR  
 SLOPE PROTECTION  
 LT 75+30-76+00  
 RT

SLEEVES FOR WATER PIPES  
 72+60 (Non-Govt)

WOOD GUIDE POSTS  
 RT 69+70-69+90

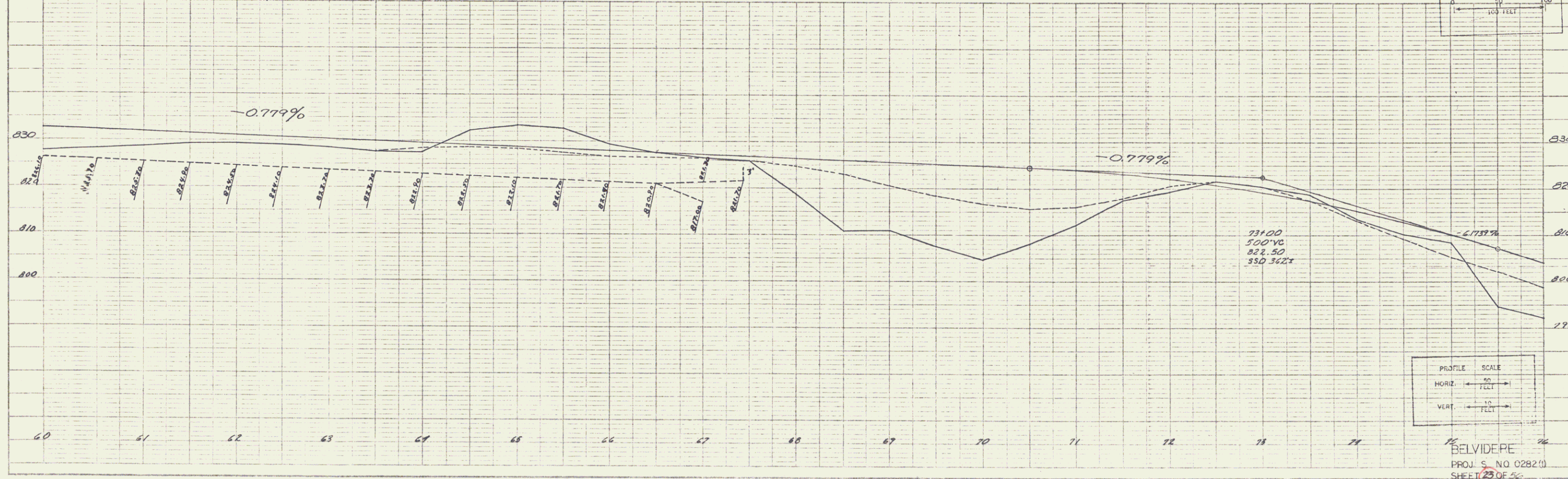
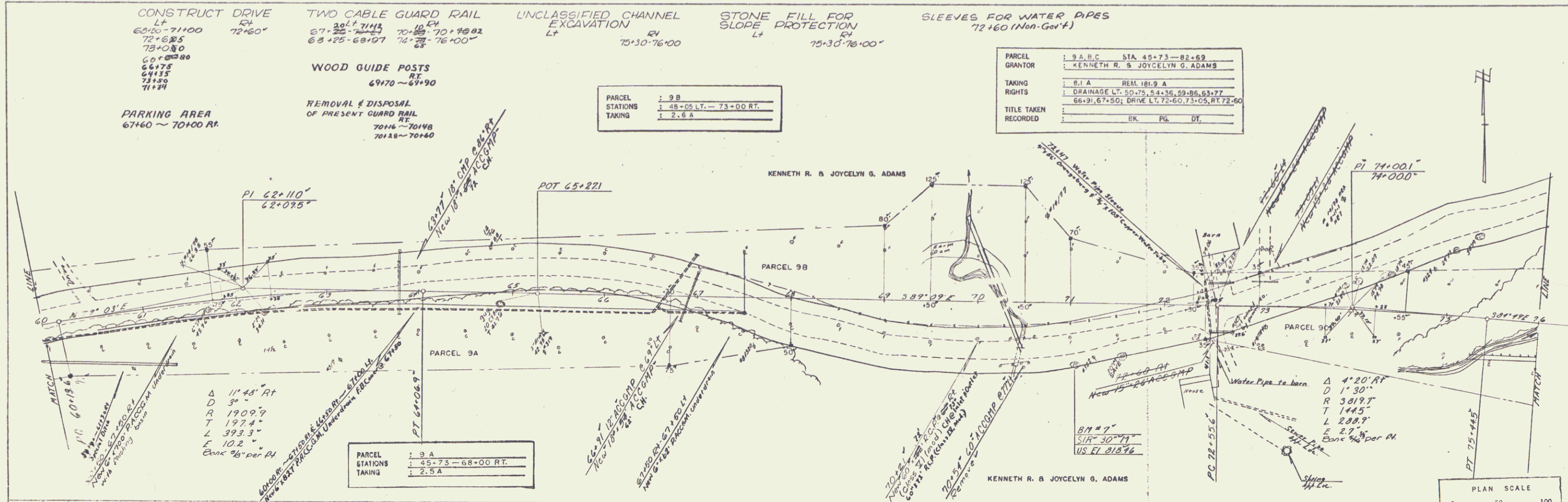
REMOVAL & DISPOSAL  
 OF PRESENT GUARD RAIL  
 RT 70+16-70+48  
 70+18-70+60

PARCEL  
 STATIONS  
 TAKING  
 : 9 B  
 : 48+05 LT. - 73+00 RT.  
 : 2.6 A

PARCEL  
 GRANTOR  
 TAKING  
 RIGHTS  
 TITLE TAKEN  
 RECORDED  
 : 9 A, B, C STA 45+73-82+69  
 : KENNETH R. & JOYCELYN G. ADAMS  
 : R, I A REL 181.9 A  
 : DRAINAGE LT. 50+75, 54+36, 59+85, 63+77  
 : 66+91, 67+50; DRIVE LT. 72+60, 73+05, RT 72+60  
 : ER PG DT

PARKING AREA  
 67+60 ~ 70+00 RT.

PLAN  
 DATE: 11/11/03  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 PROJECT: [Name]  
 SHEET: 23 OF 56



PROFILE SCALE  
 HORIZ. 80 FEET  
 VERT. 10 FEET

BELVIDERE  
 PROJ. NO. 0282 (1)  
 SHEET 23 OF 56

6

CONST-JCT DRIVE  
 LT 83+20  
 RT 80+00  
 CG + 558.10  
 78+95

PARCE	1.3 C
STATIONS	72+45-82+69
TAKING	3.0 A

TWO CABLE GUARD RAIL  
 LT 77+43  
 RT 78+27.03  
 76+00-77+71.53  
 83+80  
 81+80  
 81+75  
 US E1 78+86

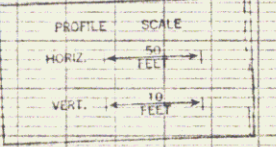
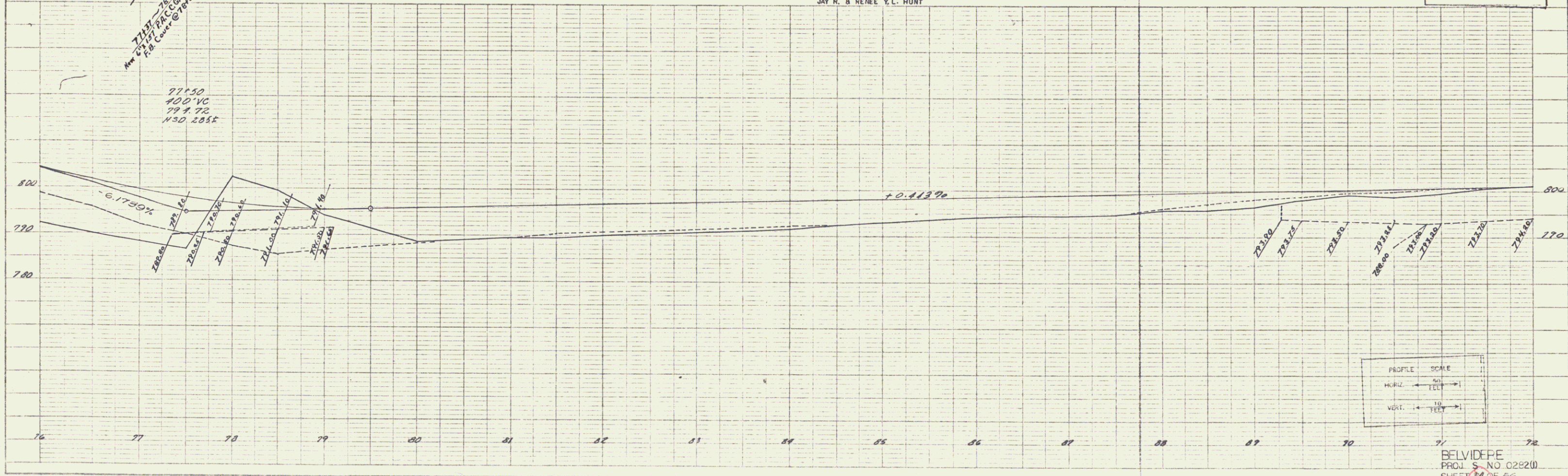
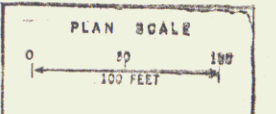
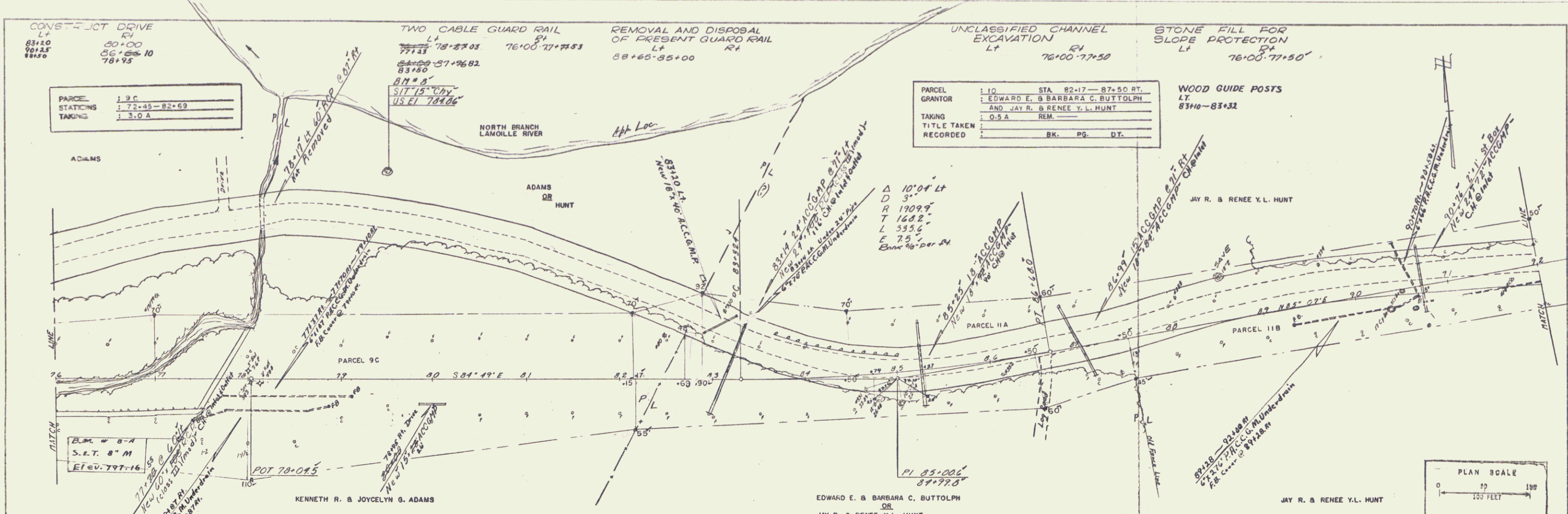
REMOVAL AND DISPOSAL  
 OF PRESENT GUARD RAIL  
 LT 58+65-55+00  
 RT

UNCLASSIFIED CHANNEL  
 EXCAVATION  
 LT 76+00-77+50  
 RT

STONE FILL FOR  
 SLOPE PROTECTION  
 LT 76+00-77+50  
 RT

WOOD GUIDE POSTS  
 LT 83+10-83+32  
 RT

PARCEL	1.10	STA. 82+17-87+50 RT.
GRANTOR	EDWARD E. & BARBARA C. BUTTOLPH AND JAY R. & RENEE Y. L. HUNT	
TAKING	O.S.A. REM.	
TITLE TAKEN	RECORDED	
RECORDED	BK.	PG. DT.



BELVIDERE  
 PROJ. S. NO. 0222(1)  
 SHEET 24 OF 26

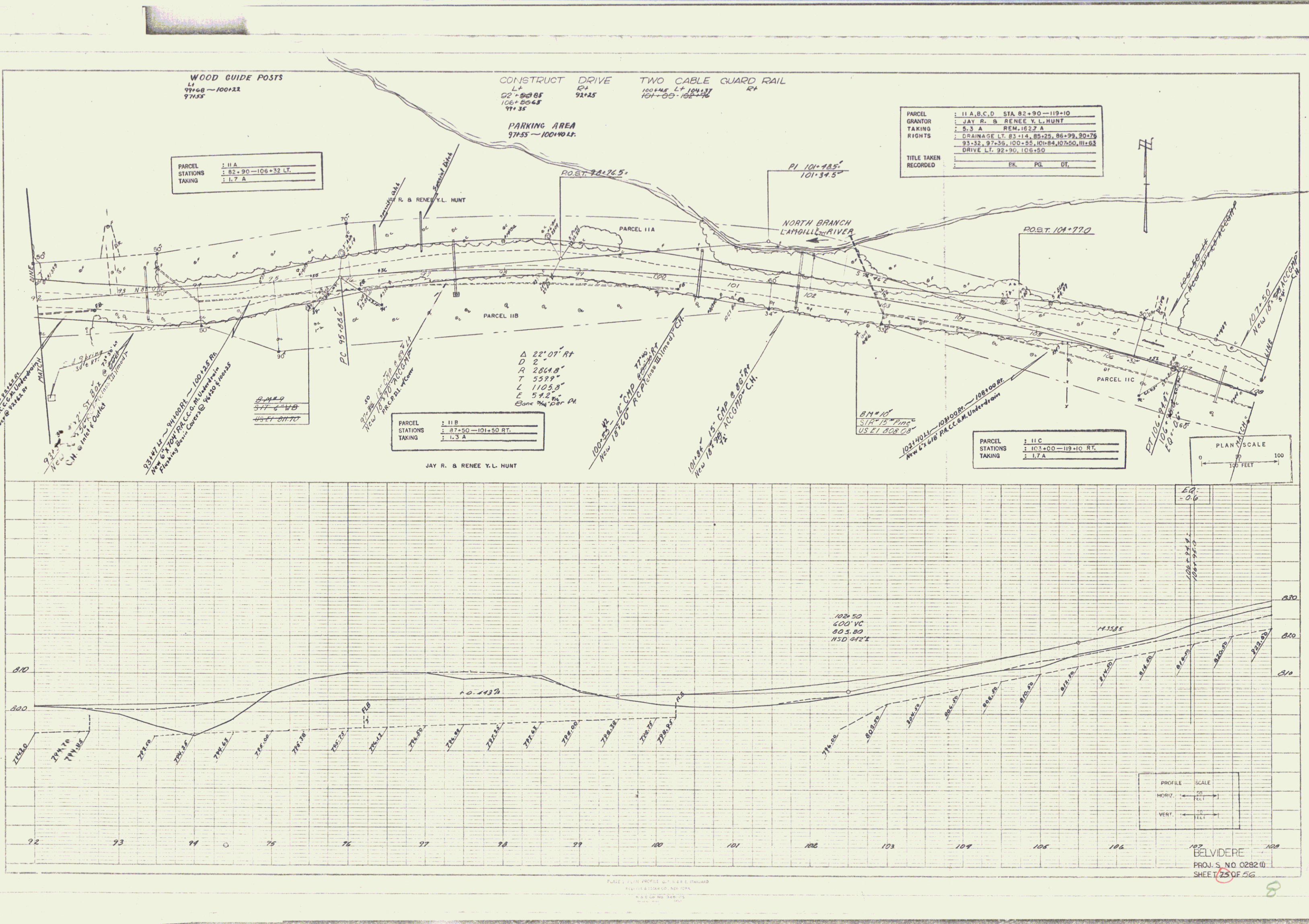
PLATE 1. PLAN - PROFILE OF F&B, STANDARD  
 1/4" = 1' HORIZ. 1" = 10' VERT.  
 1/4" = 1' HORIZ. 1" = 10' VERT.

7

PLAN  
 DRAWN BY  
 CHECKED BY  
 DATE

PROFILING  
 DRAWN BY  
 CHECKED BY  
 DATE

SCALE  
 HORIZ. 1" = 100 FT.  
 VERT. 1" = 10 FT.



WOOD GUIDE POSTS  
 LT 99+68 - 100+22  
 RT 99+35

CONSTRUCT DRIVE TWO CABLE GUARD RAIL  
 LT 100+48 ST 101+37 RT 101+35

PARKING AREA  
 97+55 - 100+40 LT

PARCEL	11A
STATIONS	182+90 - 106+32 LT
TAKING	1.7 A

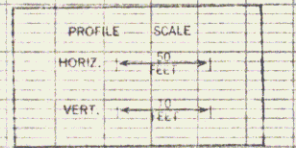
PARCEL	11A, B, C, D STA. 82+90 - 119+10
GRANTOR	JAY R. & RENEE Y. L. HUNT
TAKING	5.3 A REM. 1627 A
RIGHTS	DRAINAGE LT. 83+14, 85+25, 86+39, 90+79 93+32, 97+36, 100+55, 101+64, 107+50, 111+63 DRIVE LT. 92+90, 106+50
TITLE TAKEN	ER. PG. DT.

PARCEL	11B
STATIONS	187+50 - 101+50 RT
TAKING	1.3 A

PARCEL	11C
STATIONS	103+00 - 119+10 RT
TAKING	1.7 A

$\Delta$  22° 07' RT  
 D 2'  
 R 2864.8'  
 T 5599'  
 L 1105.3'  
 E 57.2'  
 Same 1/4" per CH

BN# 10  
 S17° 15' E  
 US E1 808 CB



BELVIDERE  
 PROJ. NO. 0282 (I)  
 SHEET 25 OF 56

PLEASE REFER TO THE STANDARD SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF HIGHWAYS AND BRIDGES, 1995 EDITION, PART 101, SECTION 101.05.





CONSTRUCT DRIVE TWO CABLE GUARD RAIL REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL BITUMINOUS GUTTER  
 LT. RT. LT. RT. LT. RT.  
 120+29+65 120+42.55 120+26-120+50 120+25-120+50 120+25-120+50 120+25-120+50  
 120+29+65 120+42.55 120+26-120+50 120+25-120+50 120+25-120+50 120+25-120+50  
 125+05 126+30

PARCEL	: 14B
STATIONS	: 123+96-128+57 LT.
TAKING	: 0.3 A

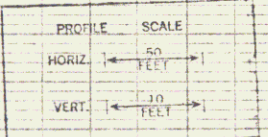
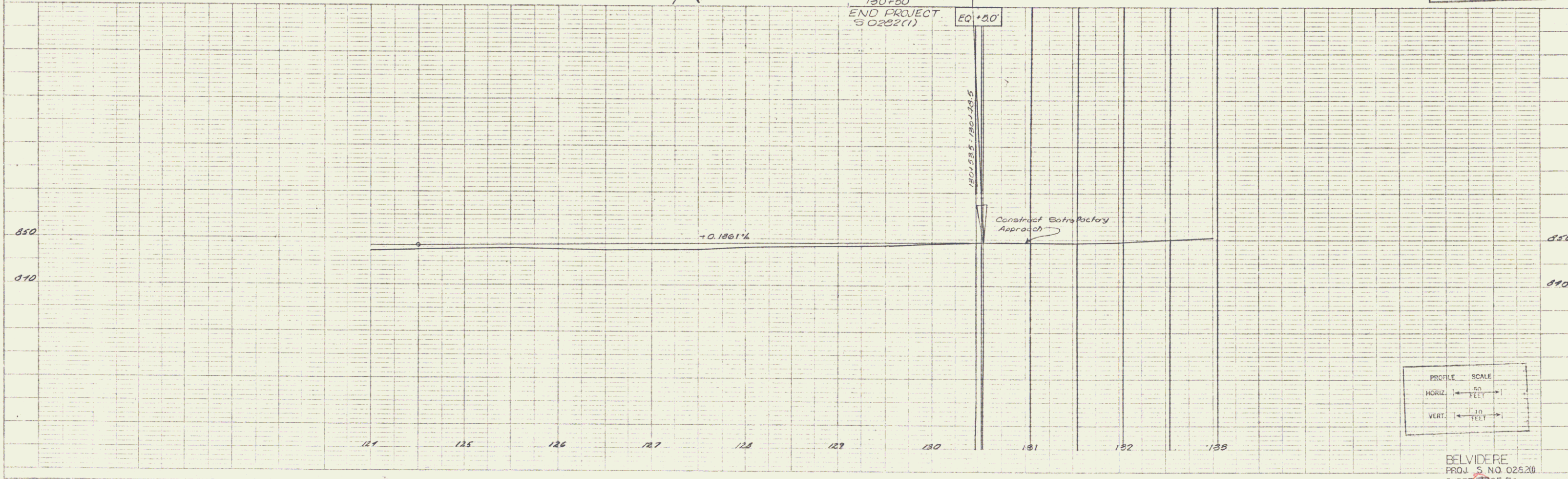
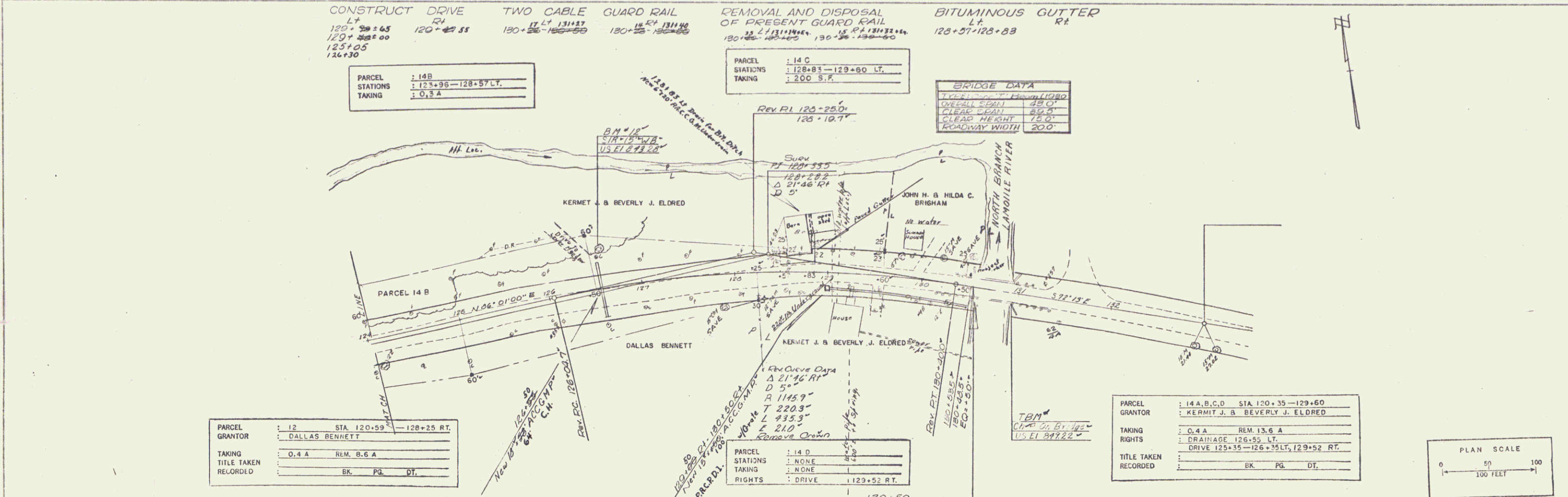
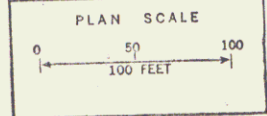
PARCEL	: 14 C
STATIONS	: 128+83-129+60 LT.
TAKING	: 200 S.F.

BRIDGE DATA	
TYPE	: Beam (1080)
OVERALL SPAN	: 48' 0"
CLEAR SPAN	: 39' 0"
CLEAR HEIGHT	: 15' 0"
ROADWAY WIDTH	: 20' 0"

PARCEL	: 12	STA.	120+59	128+25 RT.
GRANTOR	: DALLAS BENNETT			
TAKING	: 0.4 A REM. 8.6 A			
TITLE TAKEN	: BK. PG. DT.			
RECORDED	: BK. PG. DT.			

PARCEL	: 14 D
STATIONS	: NONE
TAKING	: NONE
RIGHTS	: DRIVE 123+52 RT.

PARCEL	: 14A, B, C, D	STA.	120+35-129+60
GRANTOR	: KERMIT J. B. BEVERLY J. ELDRED		
TAKING	: 0.4 A REM. 13.6 A		
RIGHTS	: DRAINAGE 126+55 LT. DRIVE 125+35-126+35 LT., 129+52 RT.		
TITLE TAKEN	: BK. PG. DT.		
RECORDED	: BK. PG. DT.		



BELVIDERE  
 PROJ. S. NO. 02620  
 SHEET 27 OF 56

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