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STANDARD STRUCTURE SHEET APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS.
S 40 JUNE 10, 1950

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT

FEDERAL PROJECT

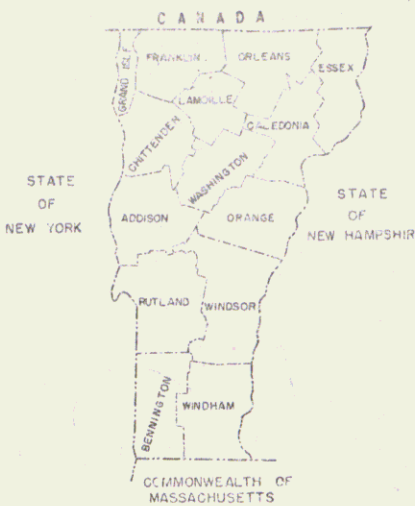
TOWNS OF FLETCHER-BAKERSFIELD
COUNTY OF FRANKLIN
VERMONT ROUTE 108
CAMBRIDGE-BAKERSFIELD ROAD

BEGINNING AT A POINT 8112.1 FEET SOUTHERLY OF THE FLETCHER-BAKERSFIELD TOWN LINE AND EXTENDING NORTHERLY 17,156.1 FEET

LENGTH OF PROJECT 17,156.1 FT = 3.249 MILES

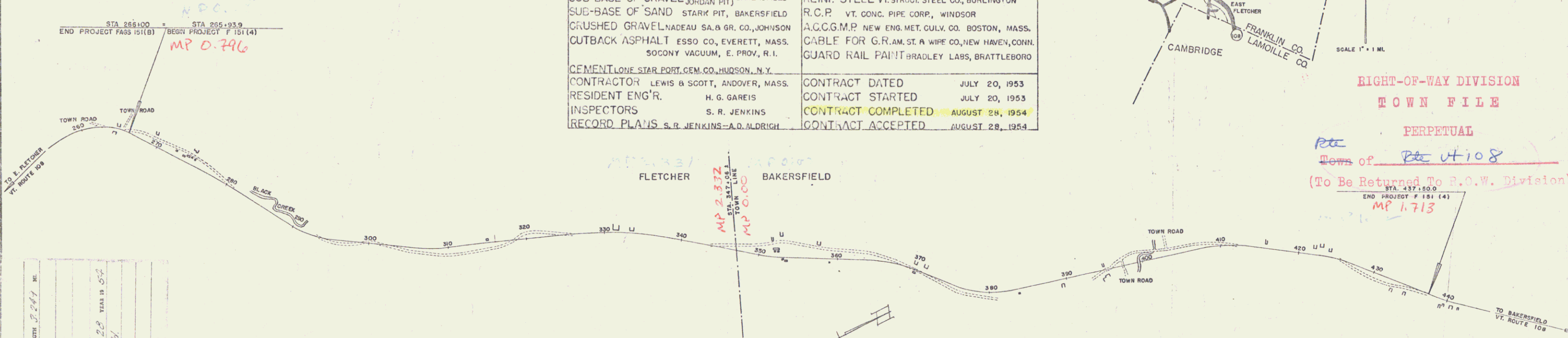
PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
FLETCHER-BAKERSFIELD F 151 (4)	MIP SURFACE	41937 S.Y.
RECORD PLANS		
MATERIALS		
SUB-BASE OF GRAVEL (TUPPER PIT) BAKERSFIELD	REINF. STEEL VT. STRUCT. STEEL CO., BURLINGTON	
SUB-BASE OF SAND (JORDAN PIT) BAKERSFIELD	R.C.P. VT. CONC. PIPE CORP., WINDSOR	
CRUSHED GRAVEL NADEAU SA. & GR. CO., JOHNSON	A.C.C.G.M.P. NEW ENG. MET. CULY. CO. BOSTON, MASS.	
OUTBACK ASPHALT ESSO CO., EVERETT, MASS.	CABLE FOR G.R.A.M. ST. A WIRE CO., NEW HAVEN, CONN.	
CEMENT LONE STAR PORT. CEM. CO., HUDSON, N.Y.	GUARD RAIL PAINT BRADLEY LABS, BRATTLEBORO	
CONTRACTOR LEWIS & SCOTT, ANDOVER, MASS.	CONTRACT DATED JULY 20, 1953	
RESIDENT ENG'R. H. G. GARRETS	CONTRACT STARTED JULY 20, 1953	
INSPECTORS S. R. JENKINS	CONTRACT COMPLETED AUGUST 28, 1954	
RECORD PLANS S. R. JENKINS-A.D. ALDRICH	CONTRACT ACCEPTED AUGUST 28, 1954	

RES. ROAD DIST. ON STATE PROJECT NO.	STATE PROJECT NO.	TOTAL SHEET TOTAL
1	F 151 (4)	108
		108



RIGHT-OF-WAY DIVISION
TOWN FILE

PERPETUAL
Town of Bte vt 108
(To Be Returned To R.O.W. Division)
MP 1.713



PROJECT Fletcher-Bakersfield
NUMBER F 151 (4)
DATE June 24, 1953
DESIGNED BY M. I. P. Surf. Eng.
CHECKED BY Lewis & Scott
RECORD PLANS S. R. JENKINS-A. D. ALDRICH
CONST. COMPLETED 8-28-54

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

SCALES	
TITLE	1" = 800'
TYPICAL	1" = 2'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS-SECTIONS	1" = 5'

APPROVED <u>[Signature]</u> DISTRICT ENGINEER DATE JUNE 20, 1953	APPROVED <u>[Signature]</u> BUREAU ENGINEER DATE	APPROVED <u>[Signature]</u> DISTRICT ENGINEER DATE June 24, 1953	APPROVED <u>[Signature]</u> DISTRICT ENGINEER DATE JUNE 19, 1953	APPROVED <u>[Signature]</u> CHIEF ENGINEER DATE JUNE 22, 1953
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Pin # 00043

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER
DATE

APPROVED
DISTRICT ENGINEER
DATE

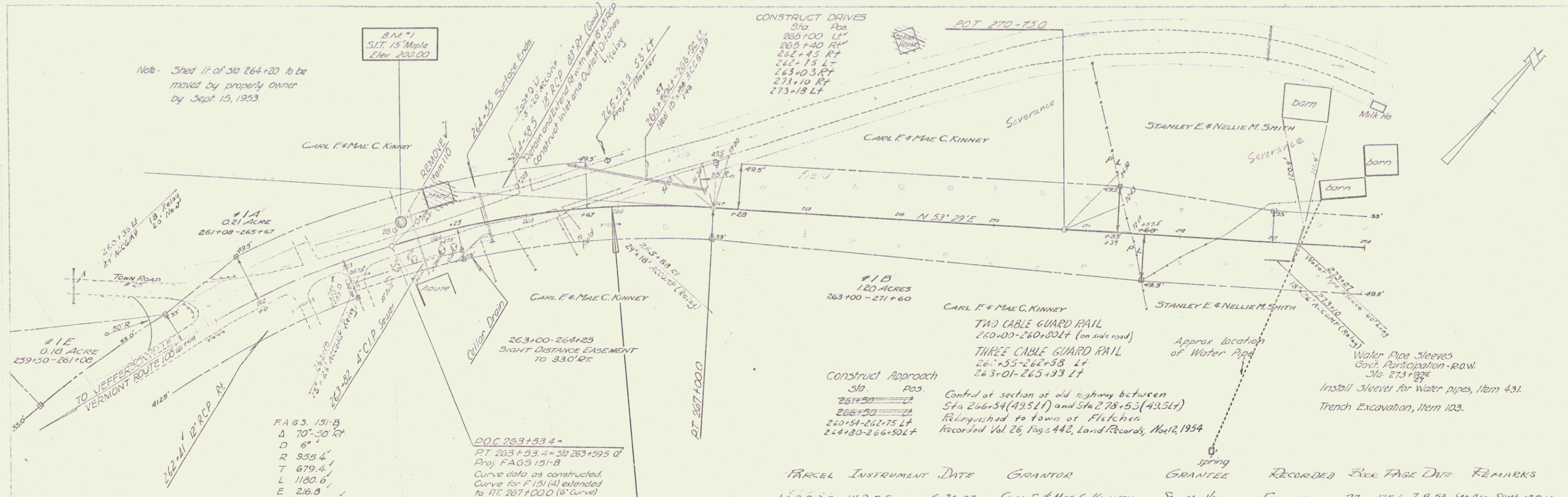
PROJECT F NO. 151 (4)

SHEET 108 OF 108 SHEETS

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1946, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

Note: Shed 11 of Sta 264+20 to be moved by property owner by Sept. 15, 1953.



F.A.G.S. 151-B
 Δ 70°-50' RT
 D 6'
 R 955.4'
 T 679.4'
 L 1180.6'
 E 216.8'
 Bank 34' per ft.

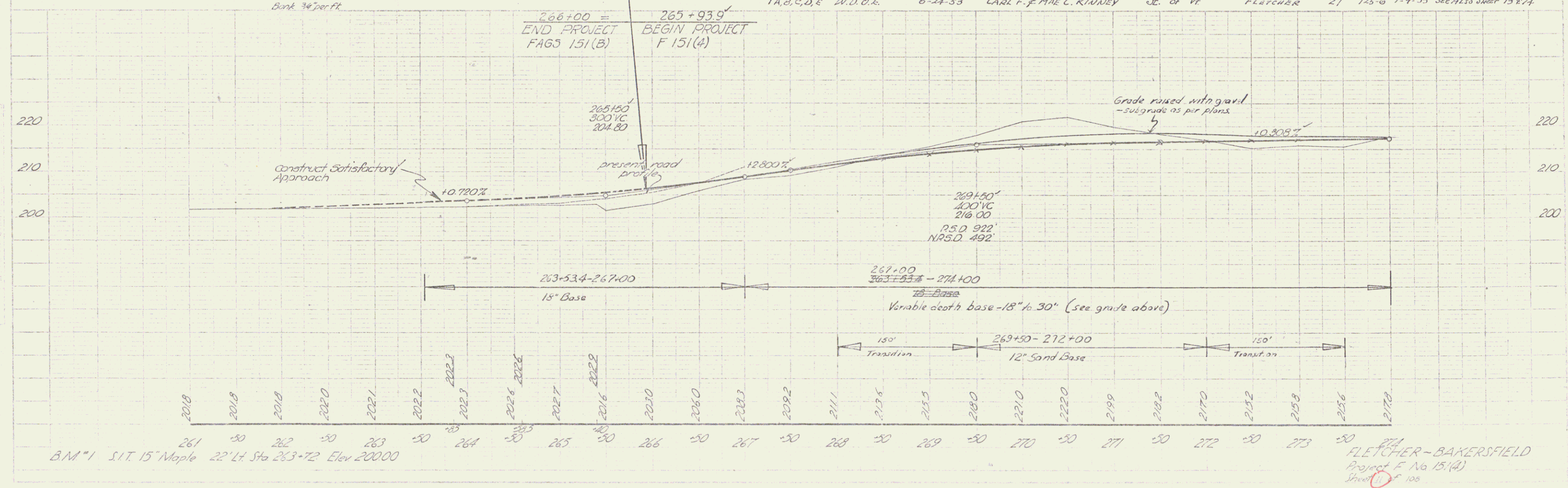
D.O.C. 263+53.4 =
 P.T. 263+53.4 = 30' 263+59.5 of
 Proj. F.A.G.S. 151-B
 Curve data on constructed
 Curve for F.151(A) extended
 to P.T. 267+00.0 (6' Curve)

Construct Approach
 Sta. Pos.
 261+50 = 1A
 266+50 = 1B
 260+54-262+75 Lt
 264+80-266+50 Lt

CARL F. & MAE C. KINNEY
 TWO CABLE GUARD RAIL
 260+00-260+30 Lt (on side road)
 THREE CABLE GUARD RAIL
 260+55-262+58 Lt
 263+01-265+33 Lt
 Control of section of old highway between
 Sta 260+00 (49.5 Lt) and Sta 278+55 (49.5 Lt)
 Relinquished to town of Fletcher
 Recorded Vol 25, Page 442, Land Records, Nov 2, 1954

Water Pipe Sleeves
 Govt. Participation - R.O.W.
 Sta. 273+82
 Install sleeve for water pipes, Item 431.
 Trench Excavation, Item 103.

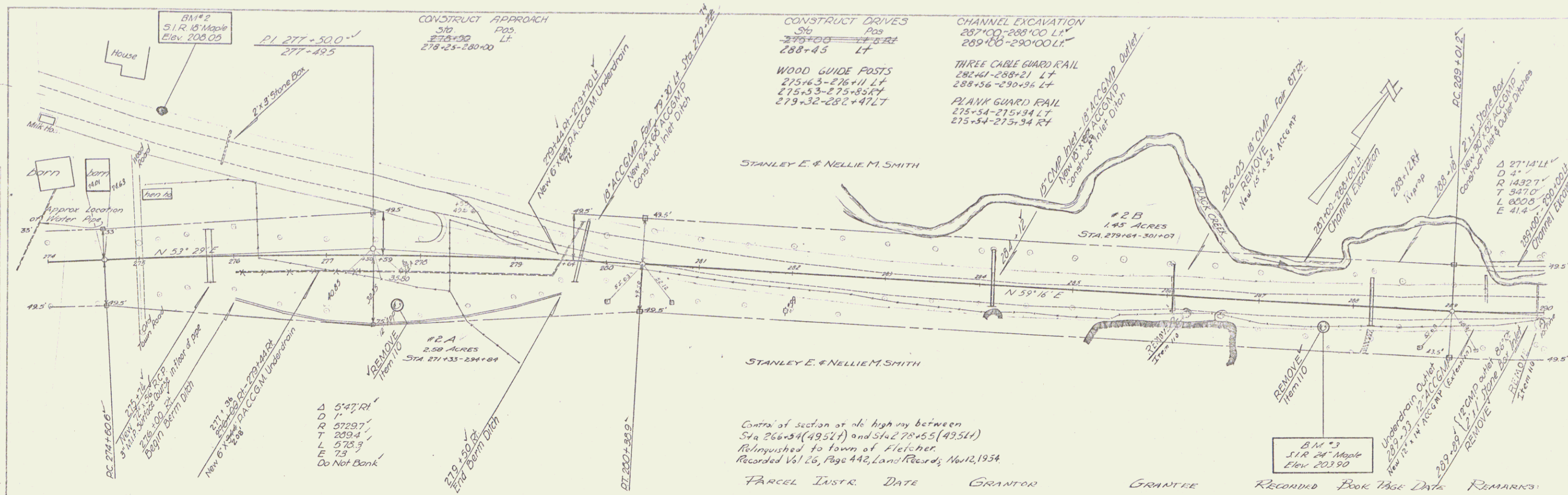
PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED	BOOK	PAGE	DATE	REMARKS
1A, B, C, D, E	W.D.O.E.	6-24-53	CARL F. & MAE C. KINNEY	SE. of 1/4	FLETCHER	27	125-6	7-9-53	See Also Sheet 13 B.14



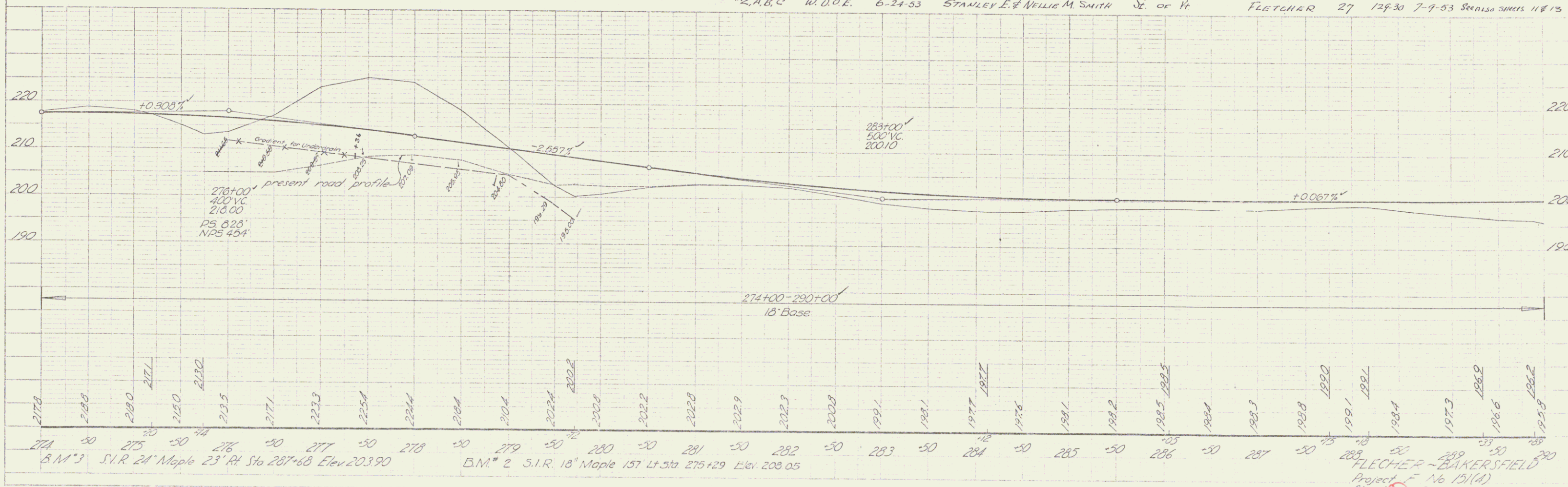
B.M. #1 S.I.T. 15' Maple 22' Lt. Sta 263+72 Elev 20000

FLETCHER-BAKERSFIELD
 Project F No 151(A)
 Sheet 11 of 105

PLAN
 DATE: 8/22
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

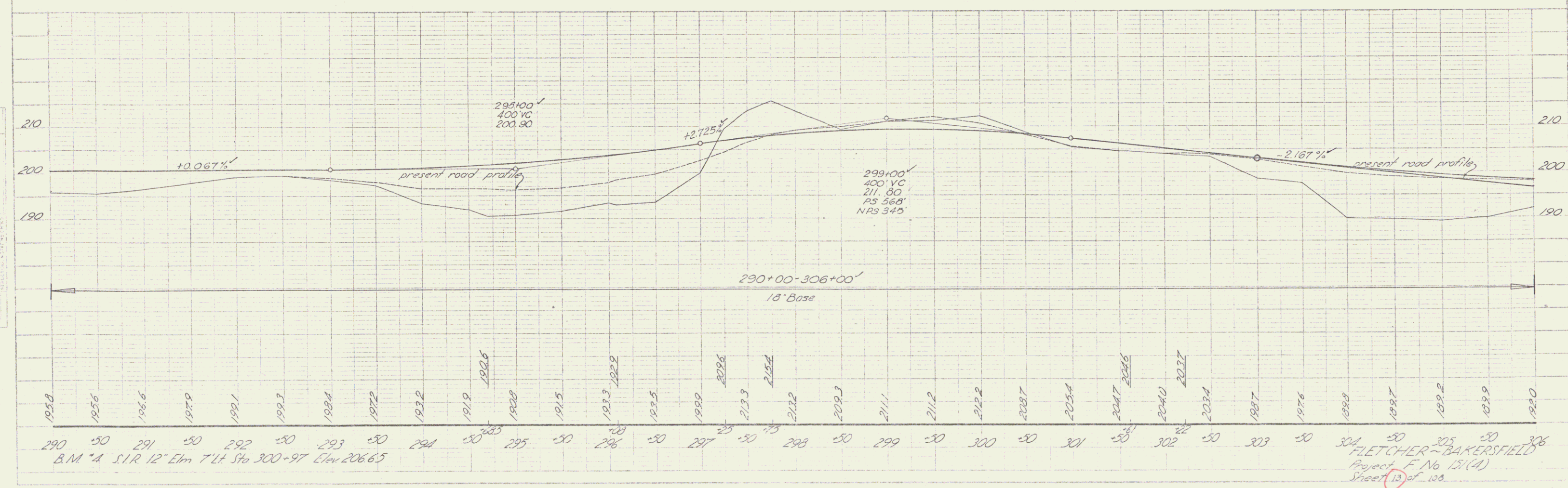
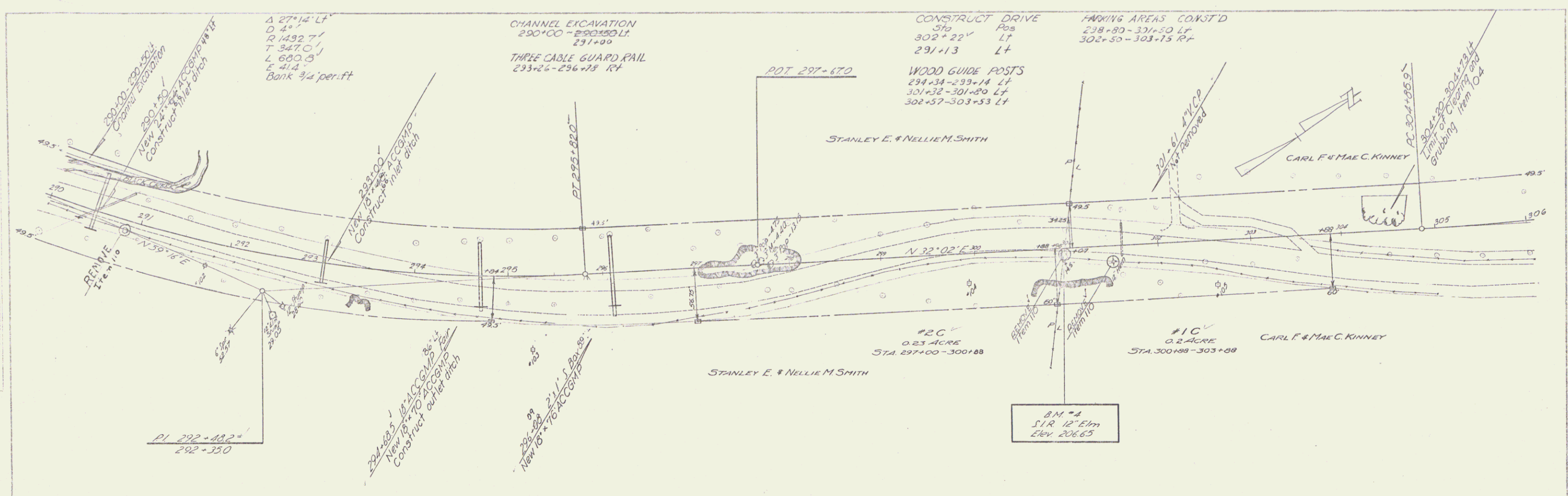


PROFILE
 DATE: 8/22
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]

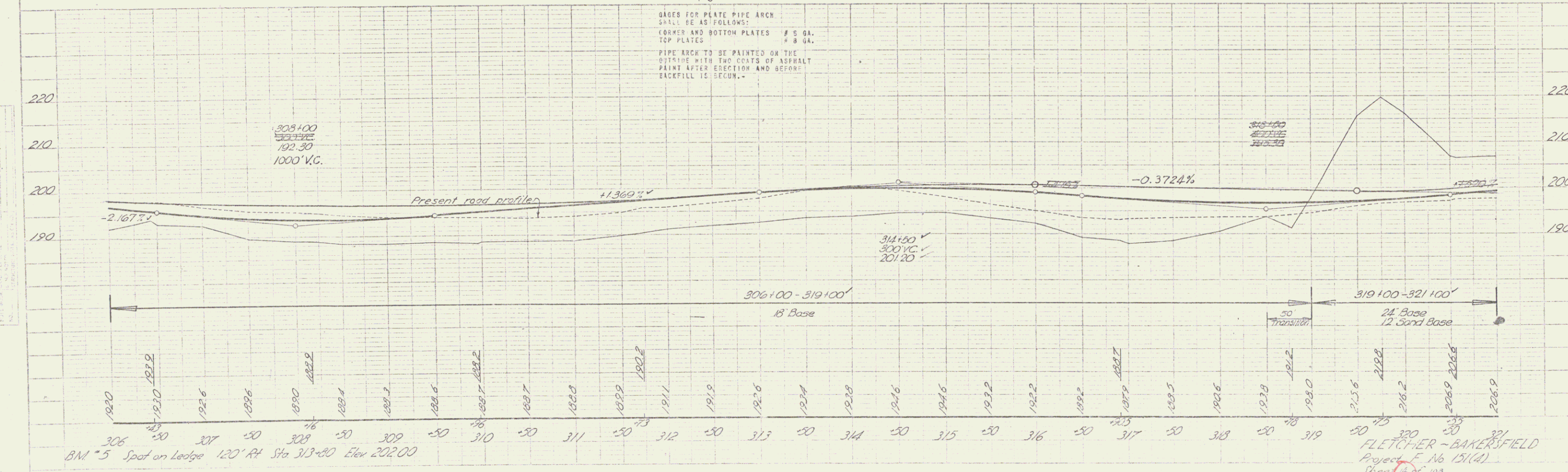
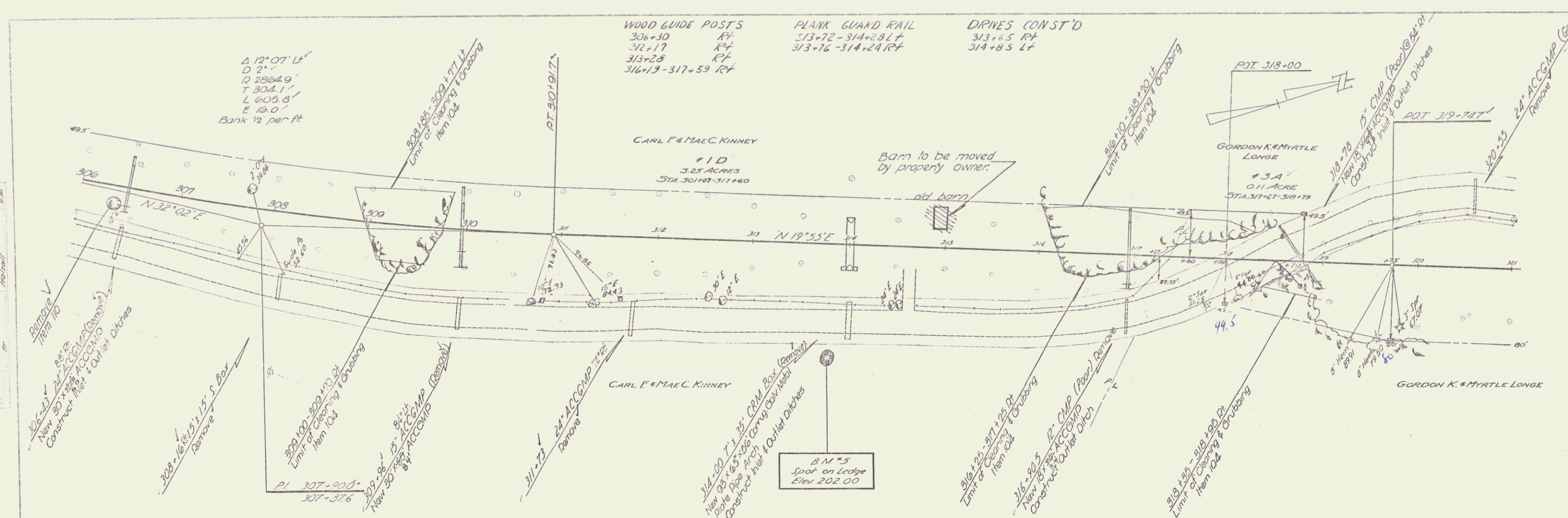


PLAN
 DATE: 1/15/88
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]

PROFILES
 DATE: 1/15/88
 DRAWN BY: [illegible]
 CHECKED BY: [illegible]



FLETCHER ~ BAKERSFIELD
 Project F No 151(A)
 Sheet 13 of 100



Control section of old highway between Sta. 315+04 (435.21) and Sta 394+13 (495.21) Relinquished to town of Bakersfield. Recorded Vol 1, Page 67, Misc. Records, Nov 12, 1954

CONSTRUCT DRIVES
 394+80 LT
 390+25 RT
 388+82 LT
 389+62 RT
 395+62 RT
 396+00 LT

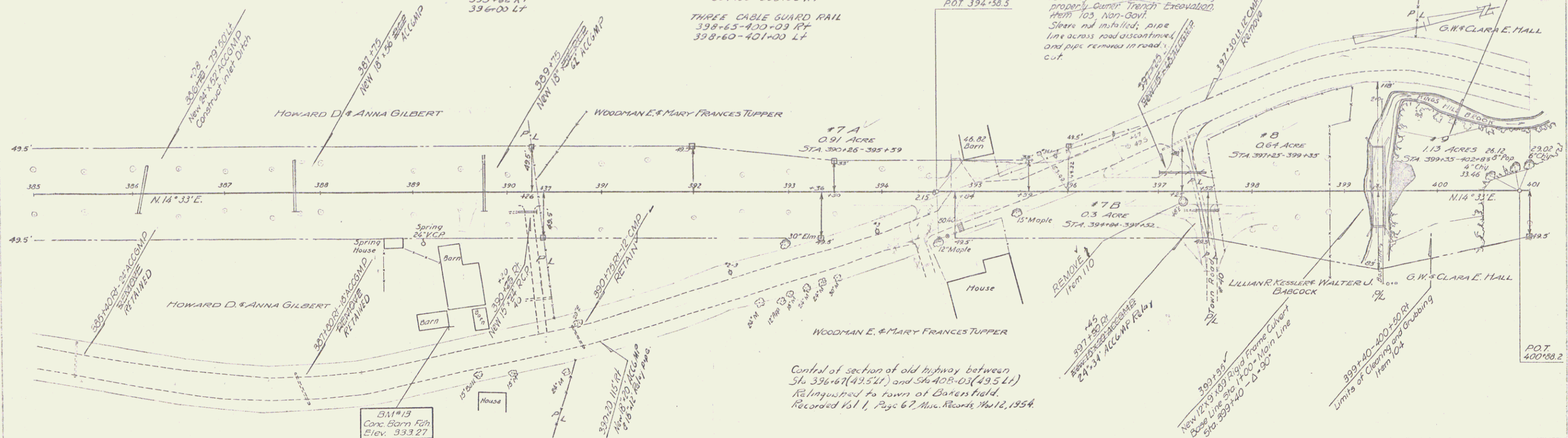
CONSTRUCT APPROACH
 397+25 RT
 394+00-395+25 RT
 395+37-396+50 LT
 397+00-398+00 RT

THREE CABLE GUARD RAIL
 398+65-400+03 RT
 398+60-401+00 LT

Water Pipe Sleeves Non-Govt. Application Sta. 395+20
 Install Sleeve for Water pipes across roadway. Sleeves to be furnished by property owner. Trench excavation item 103, Non-Govt. Sleeves not installed; pipe line across road discontinued, and pipe removed in road cut.

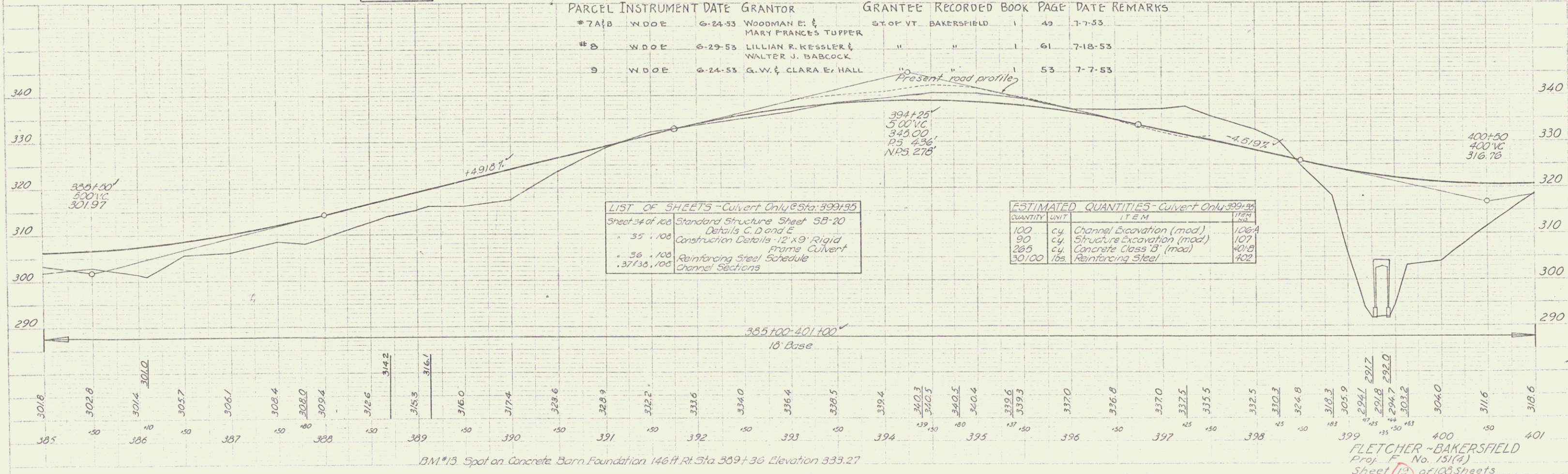
399+40-401+00 LT
 Limits of Clearing & Grubbing Item 104

SPAWGLING MILLER
 8/22 9/25
 TRACED



Control section of old highway between Sta 396+67 (495.21) and Sta 408-03 (495.11) Relinquished to town of Bakersfield. Recorded Vol 1, Page 67, Misc. Records, Nov 12, 1954.

PARCEL	INSTRUMENT	DATE	GRANTOR	GRANTEE	RECORDED BOOK	PAGE	DATE	REMARKS
#7A/B	W.D.O.E.	6-24-53	WOODMAN E. & MARY FRANCES TUPPER	ST. OF VT. BAKERSFIELD	1	49	7-7-53	
#8	W.D.O.E.	6-29-53	LILLIAN R. KESSLER & WALTER J. BABCOCK	"	"	61	7-18-53	
#9	W.D.O.E.	6-24-53	G.W. & CLARA E. HALL	"	"	53	7-7-53	



LIST OF SHEETS - Culvert Only - Sta. 399+85

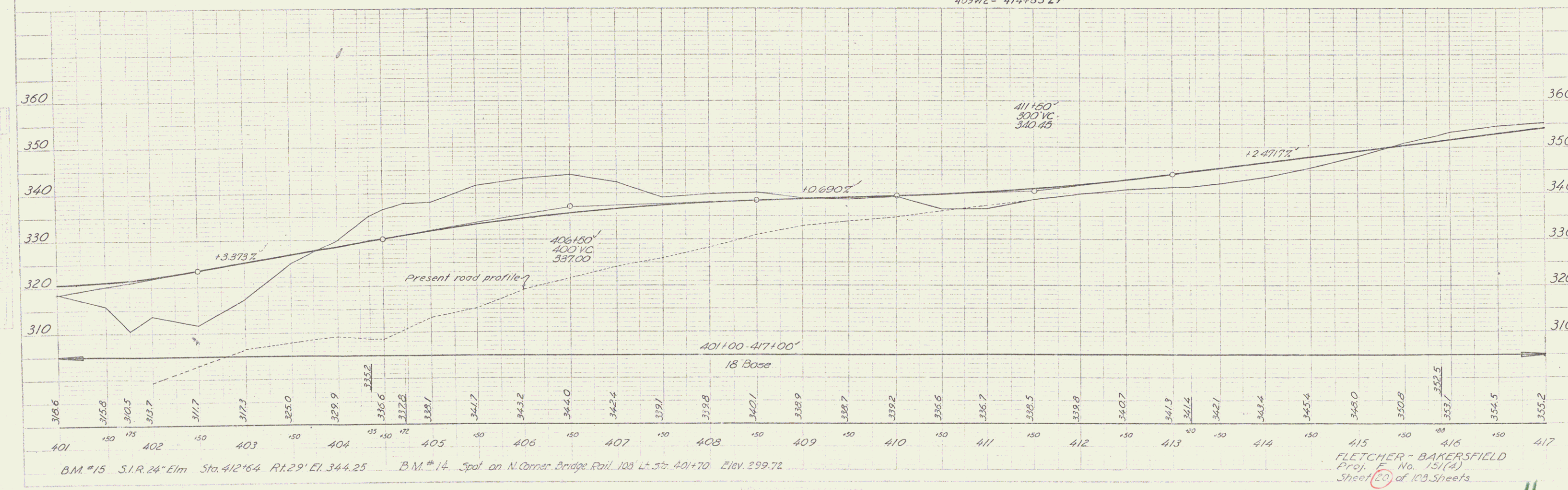
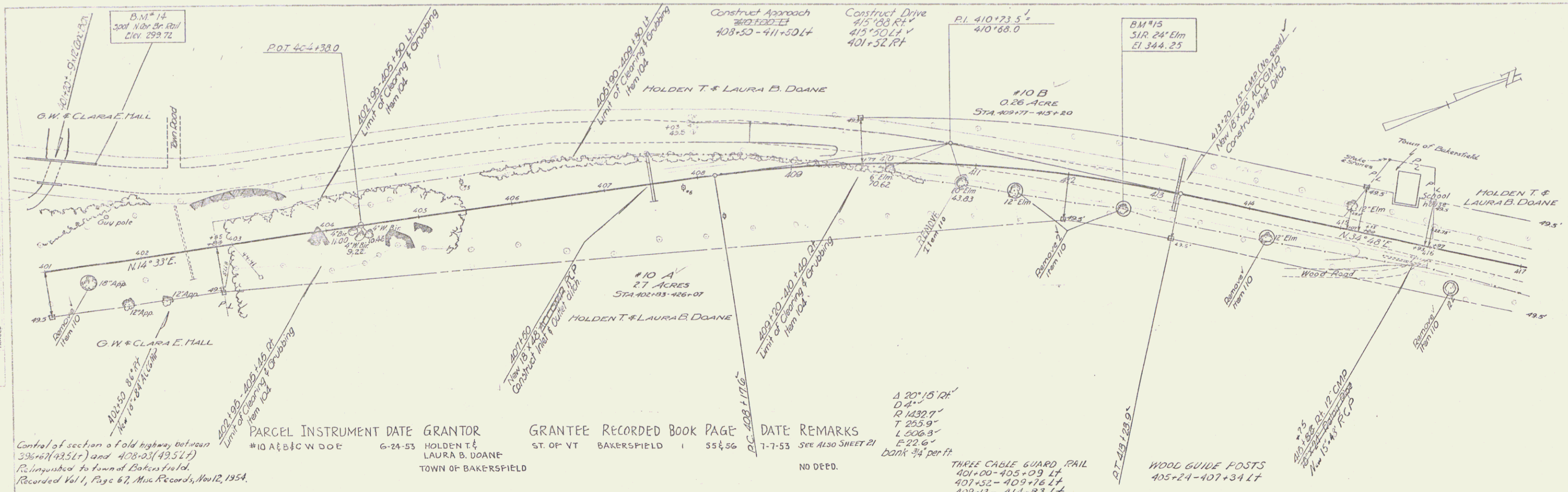
Sheet 34 of 108	Standard Structure Sheet 5B-20
35	Details C, D and E
36	Construction Details - 12' x 9' Rigid Frame Culvert
37	Reinforcing Steel Schedule
38	Channel Sections

ESTIMATED QUANTITIES - Culvert Only - Sta. 399+85

QUANTITY	UNIT	ITEM	ITEM
100	c.y.	Channel Excavation (mod)	106.4
90	c.y.	Structure Excavation (mod)	107
285	c.y.	Concrete Class 'B' (mod)	40.9
30,100	lbs.	Reinforcing Steel	102

BM #13, Spot on Concrete Barn Foundation 146 ft. Rt. Sta. 389+36 Elevation 333.27

FLETCHER - BAKERSFIELD
 Proj. No. 151(4)
 Sheet 13 of 108 Sheets



PARCEL INSTRUMENT DATE GRANTOR
 #11 W.DOE 6-24-53 JOHN H. & IRENE E. BOESCH

DRIVES CONST'D
 420+30-423+75 LT
 430+58 LT

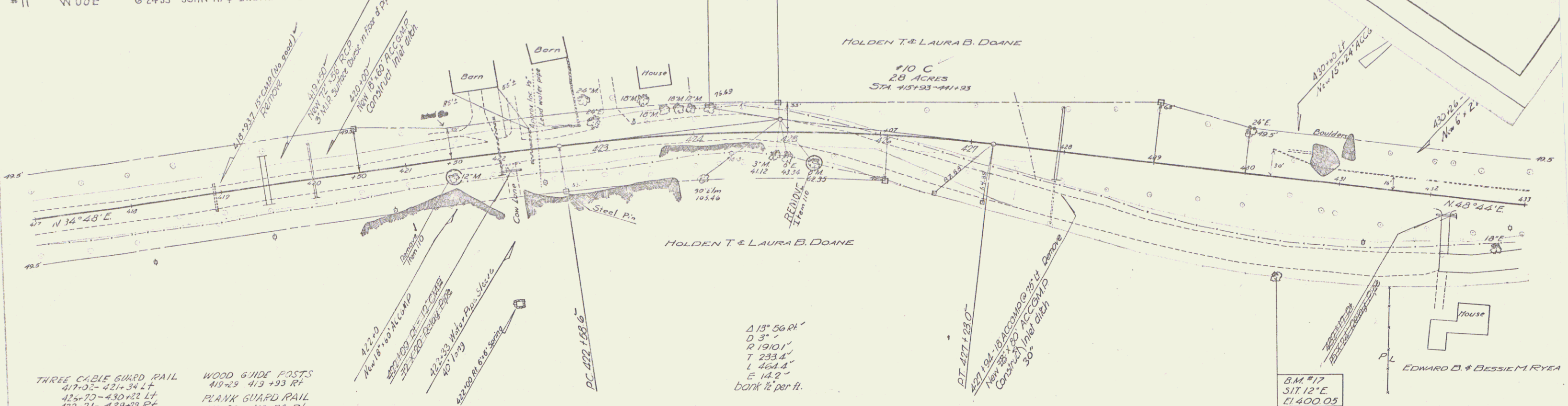
GRANTEE RECORDED BOOK PAGE DATE
 ST. OF VT. BAKERSFIELD 1 54 7-7-53

APPROACH CONST.
 426+0-427+50 RT

Water Pipe Sleeves
 Non-Govt. Participation
 Sta. 422+40±

Install Sleeve for water pipes across roadway. Sleeve to be furnished by property owner. Trench Excavation Item 103 Non-Govt.

6/52
 9/52
 8/52
 7/52
 6/52
 5/52
 4/52
 3/52
 2/52
 1/52

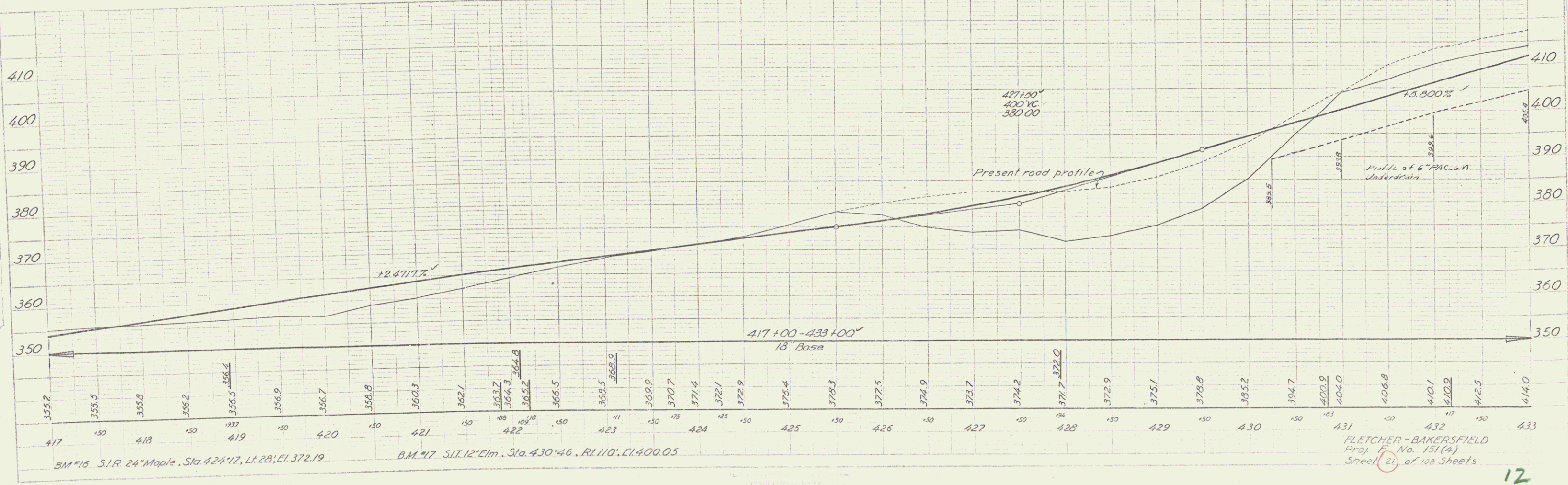


THREE CABLE GUARD RAIL
 417+02-421+34 LT
 425+70-430+22 LT
 427+71-429+79 RT

WOOD GUIDE POSTS
 419+29 419+93 RT
 PLANK GUARD RAIL
 419+26-419+74 RT

Δ 13° 56' RT
 D 3'
 R 1910.1'
 T 233.4'
 L 464.4'
 E 14.2'
 bank 1/2 per ft.

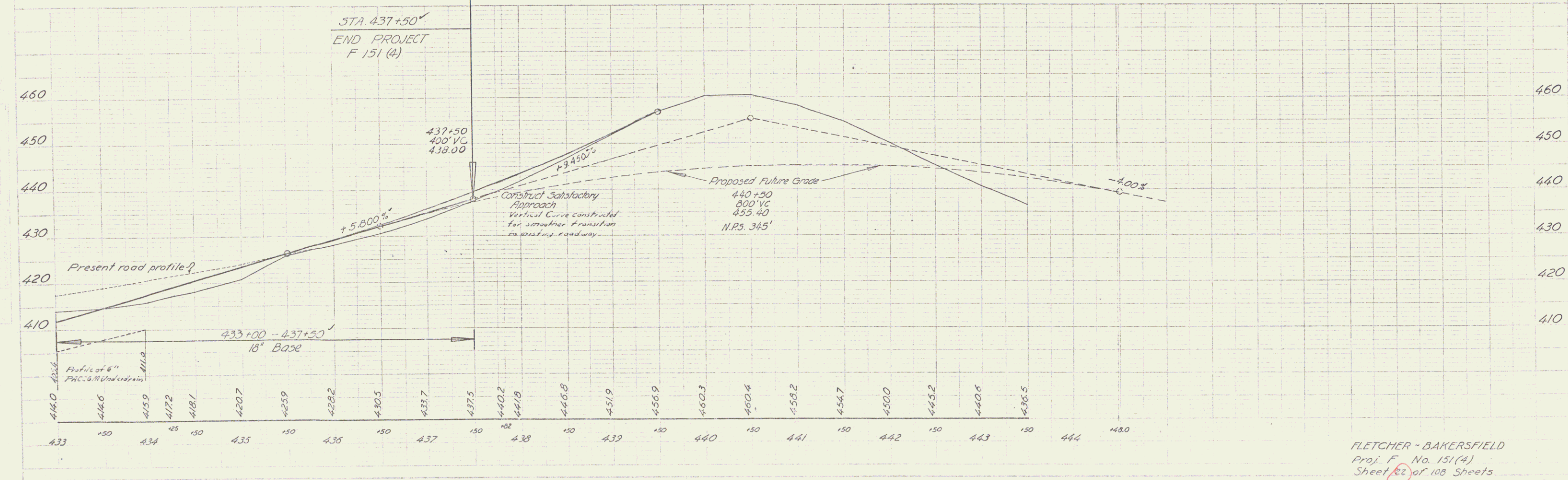
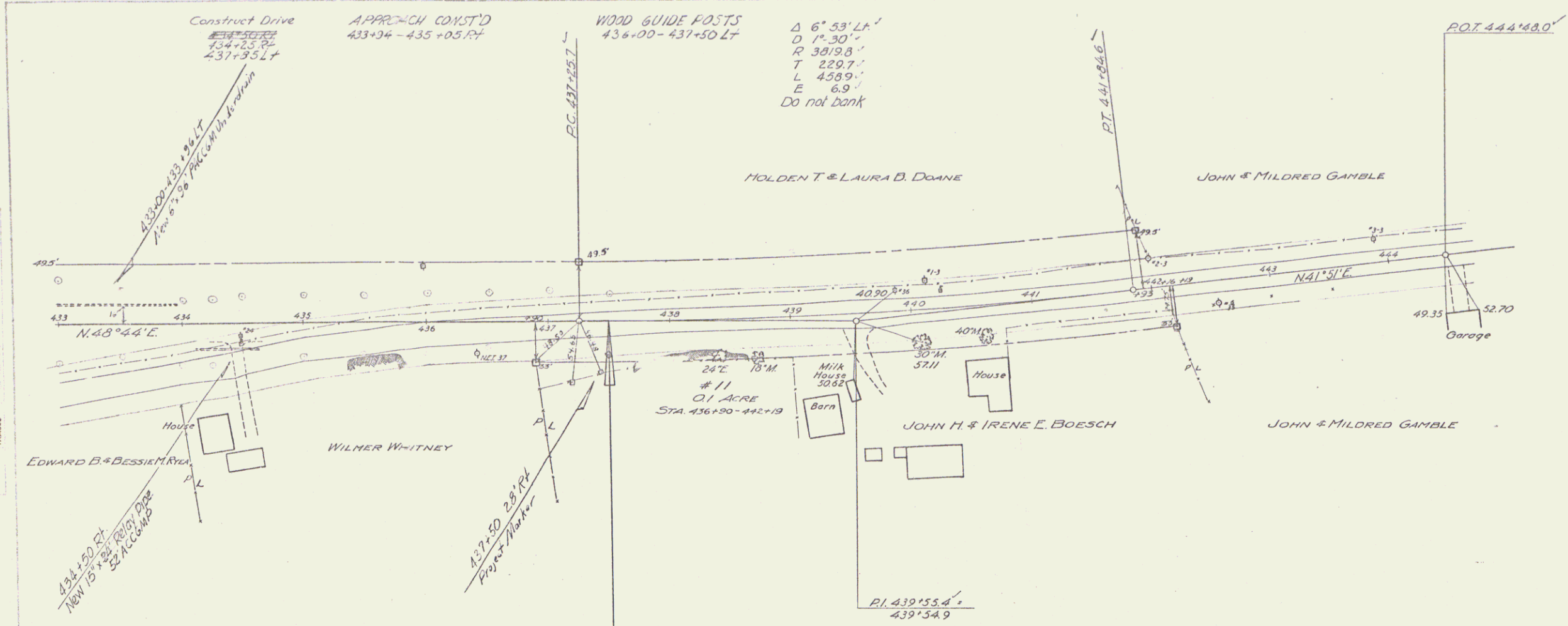
B.M. #17
 S.I.T. 12° E
 El. 400.05



B.M. #16 S.I.R. 24° Maple, Sta. 424+17, Lt. 28, El. 372.19

B.M. #17 S.I.T. 12° Elm, Sta. 430+46, Rt. 110, El. 400.05

FLETCHER-BAKERSFIELD
 Proj. E. No. 151(4)
 Sheet 21 of 100 Sheets



SPALLING MILLER MILLER
 8/22
 9/22

SPALLING MILLER MILLER
 8/22
 9/22

FLETCHER - BAKERSFIELD
 Proj. F. No. 151(4)
 Sheet 22 of 108 Sheets