

**INDEX OF SHEETS**

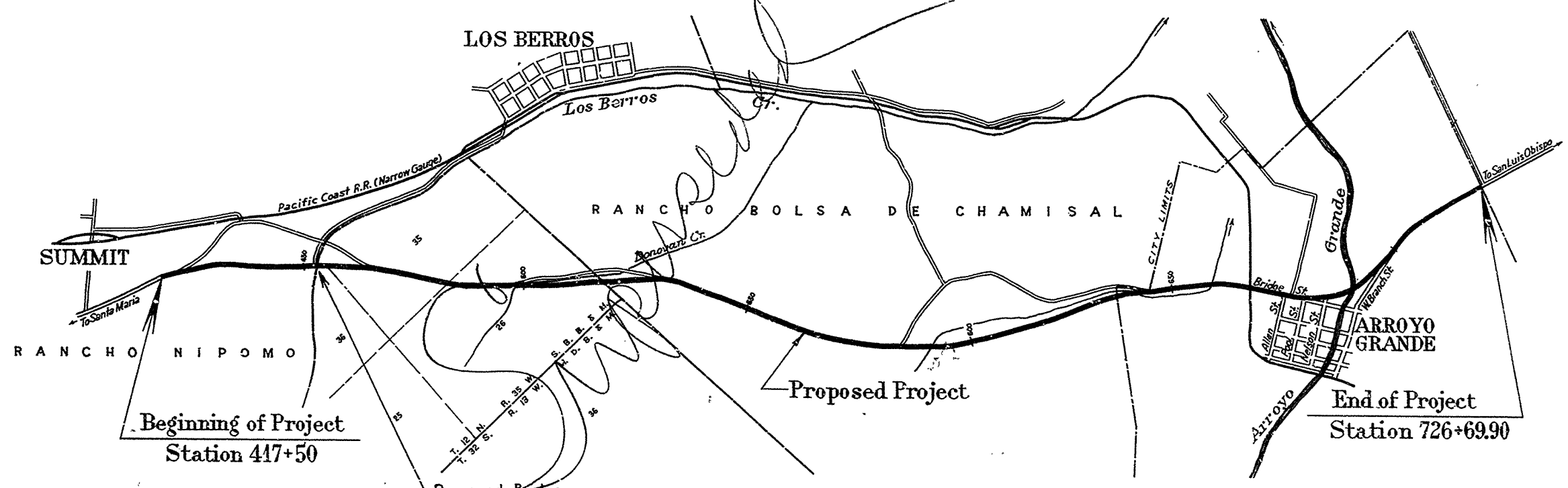
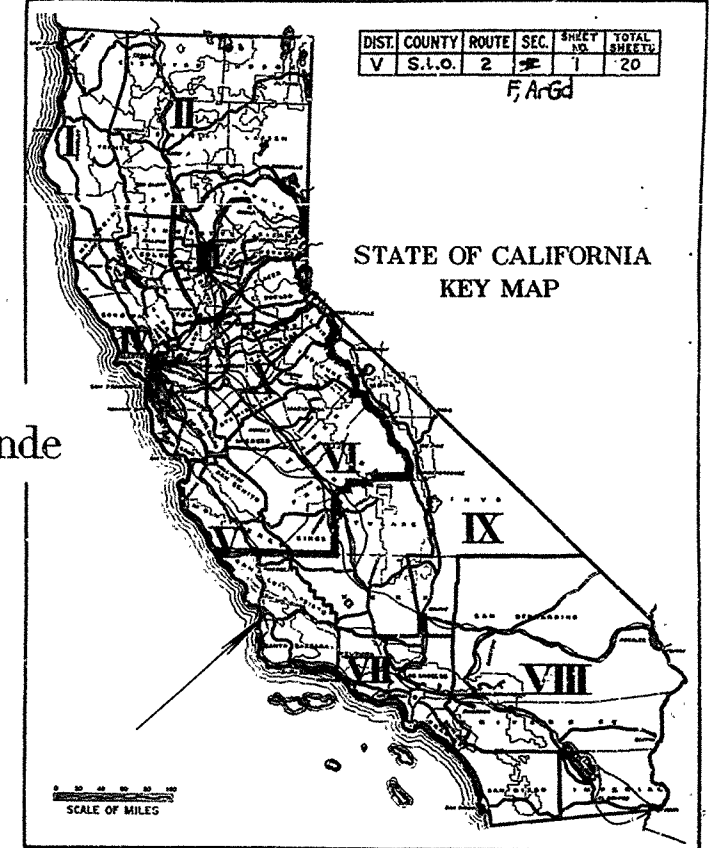
Sheet No. 1 Title Page  
 " " 2 Typical Cross Section of Improvement  
 " " 3 Paving Details  
 " 4-15 Plan & Profile, Sta. 417+50 to Sta. 726+69.9  
 " 16-19 Standard Structures  
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 " 1-4 Mass Diagram

STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
**PLAN AND PROFILE OF  
 STATE HIGHWAY**

In San Luis Obispo County, between Los Berros Creek and Arroyo Grande

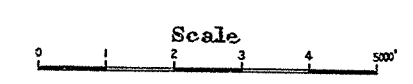
Scales (Plan: 1 in. = 100 Ft.  
 Profile: Hor. 1 in. = 100 Ft. Vert. 1 in. = 40 Ft.)

(being the detail plans of a portion of the route for the  
 State highway adopted by the California Highway Commission  
 May 28, 1931)



**CONVENTIONAL SIGNS**

County Line	-----	Culverts	=====
City or Town Limits	-----	Drop Inlet	=====
Township Line	-----	Trolley Pole	=====
Section Line	-----	Power Pole	=====
Grand Line	-----	Power Tower	=====
Fence or Guard Rail	-----	Telephone or Telegraph Pole	=====
Unfenced Property	-----	Marsh	=====
Right of Way Line	-----	Ledge	=====
Base or Survey Line	-----	Hedge	=====
Traveled Way	-----		
Railway Tracks	-----		
Bank or Retaining Wall	-----		
Balance Wall	-----		
Levee	-----		



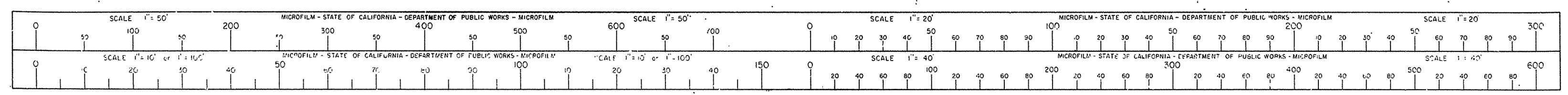
Net length of Project = 30,641 feet = 5.80 miles

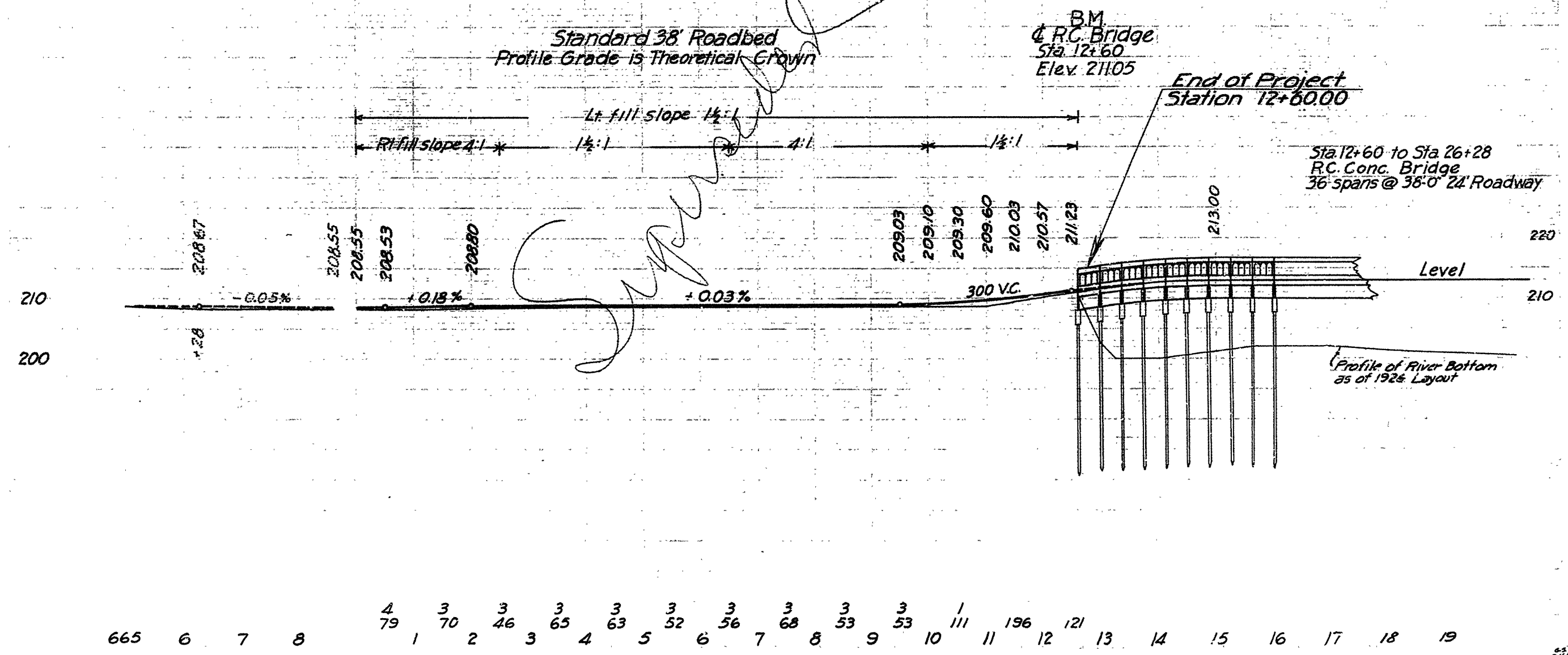
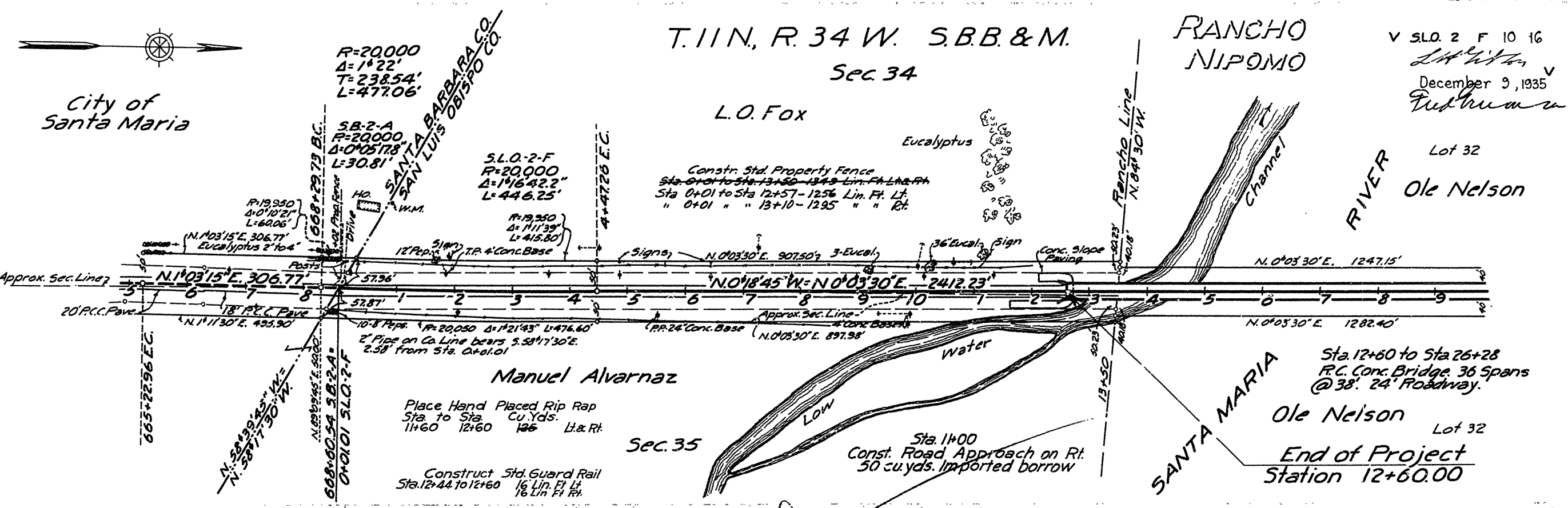
June 27, 1931  
 District Engineer  
 Approved June 29, 1931  
 State Highway Engineer  
 Director of Public Works

25FC3

**AS BUILT PLANS**  
 Contract No. 25FC3  
 Date Completed -  
 Document No. 50001688

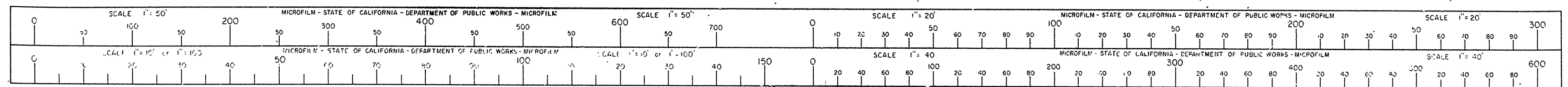
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Rep.

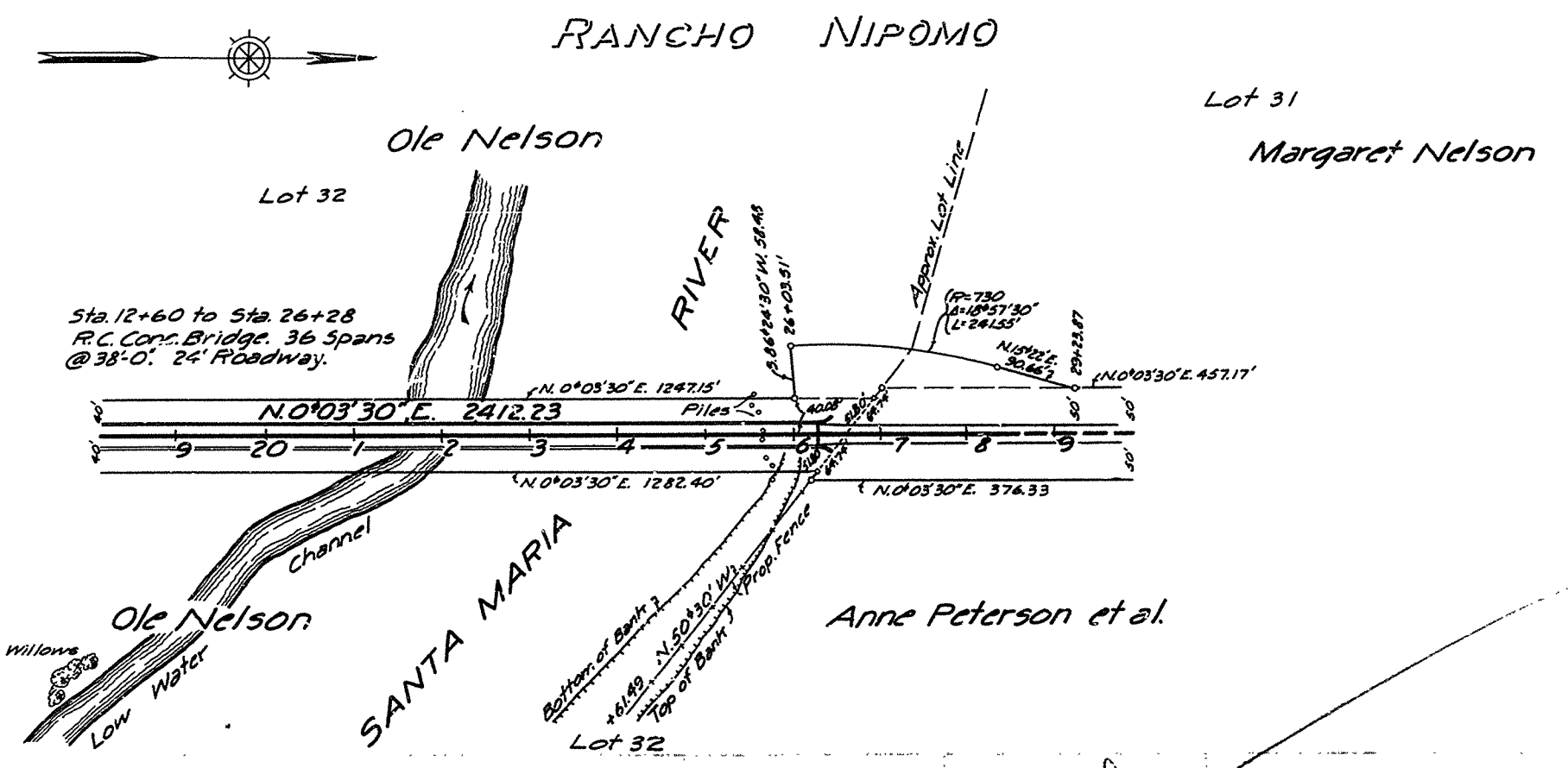




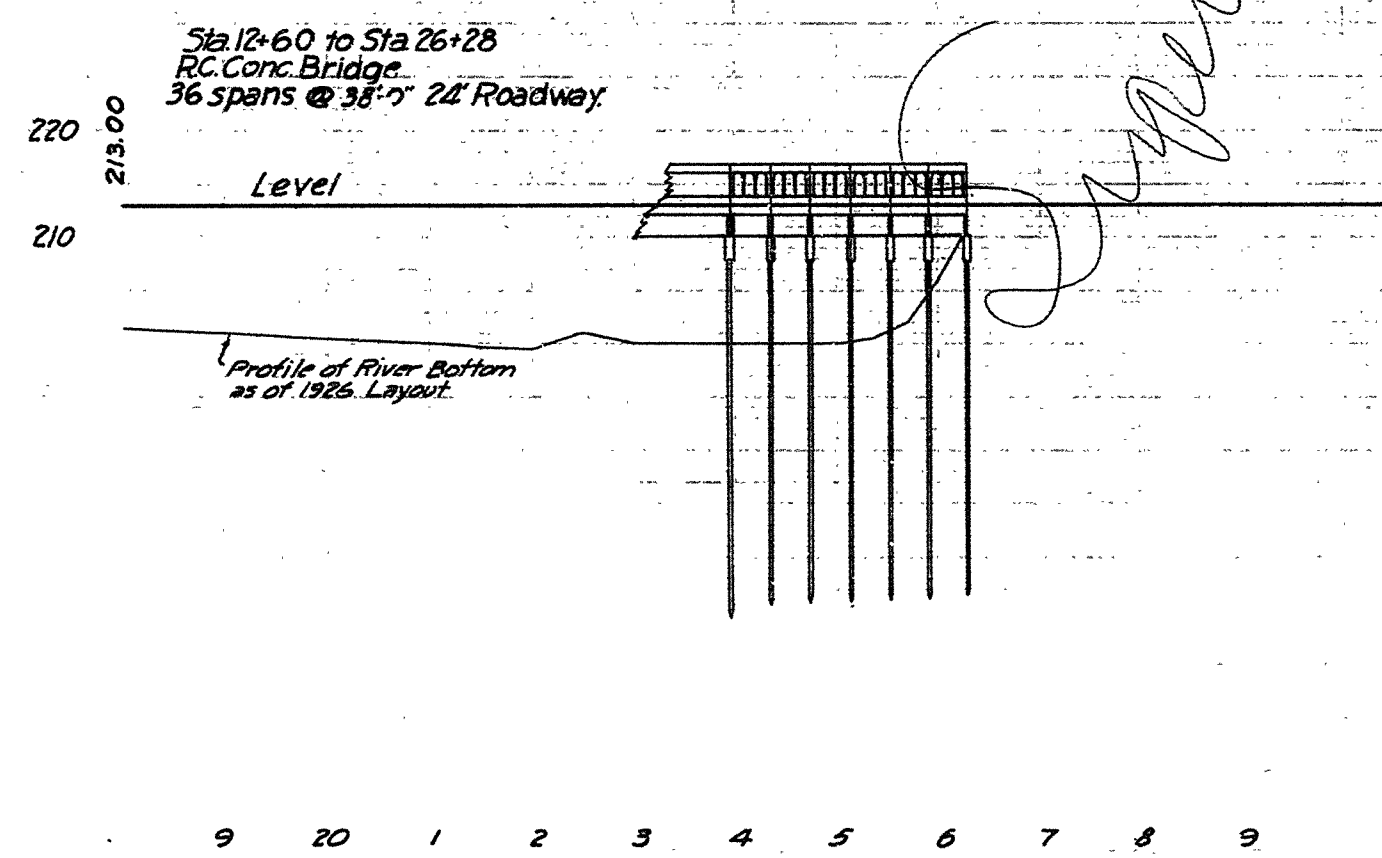
**AS BUILT PLANS**  
Contract No. 25FL8  
Date Completed -  
Document No. 50001688

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DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Eng.



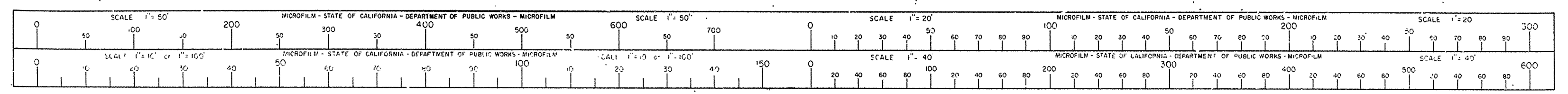


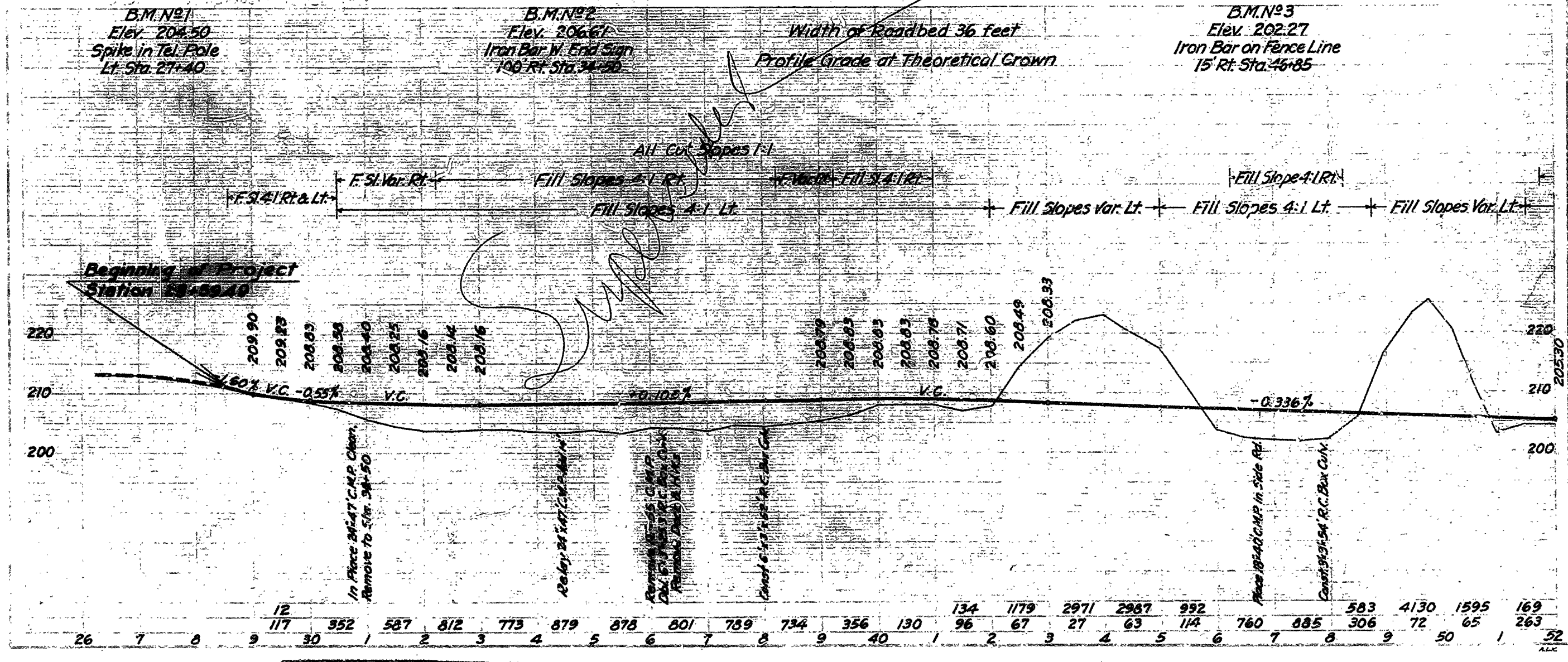
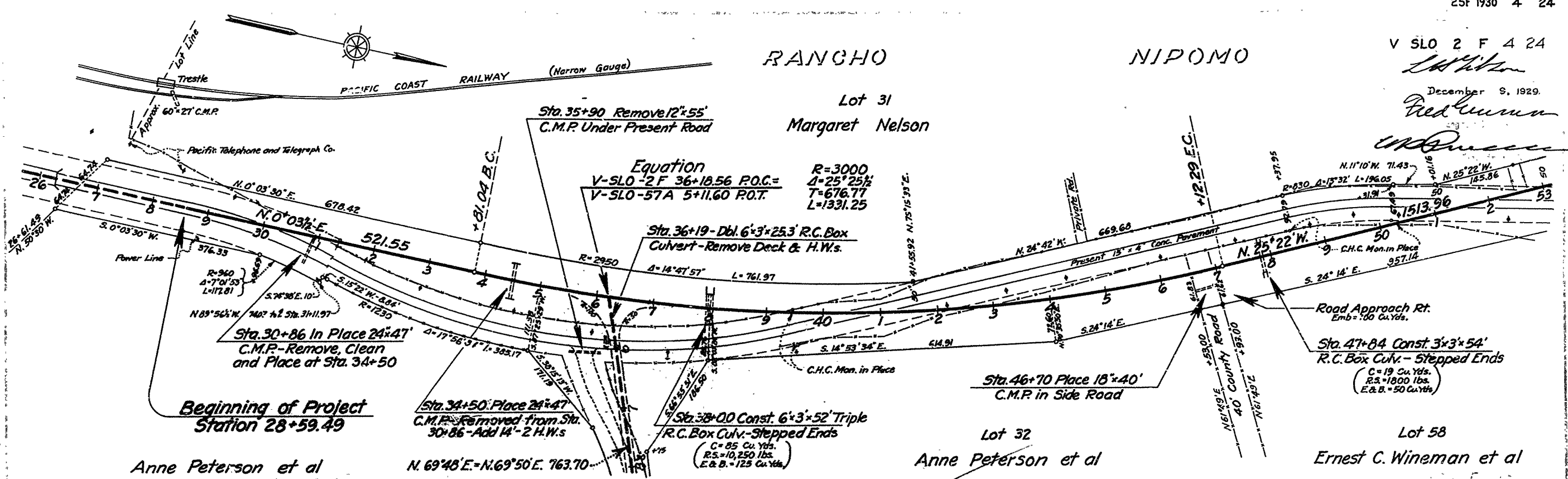
V S.L.O. 2 F  
*[Signature]*  
 December 9, 1935  
*[Signature]*  
 ENGINEER, SURVEYOR-PLANS



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 Contract No. 25FLB  
 Date Completed -  
 Document No. 50001688

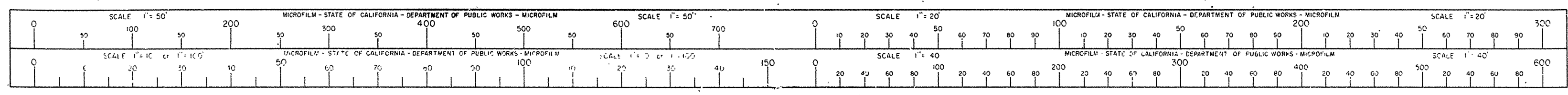
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 DATE 12-5-72 SIGNATURE J. E. Caud TITLE SR. ROAD





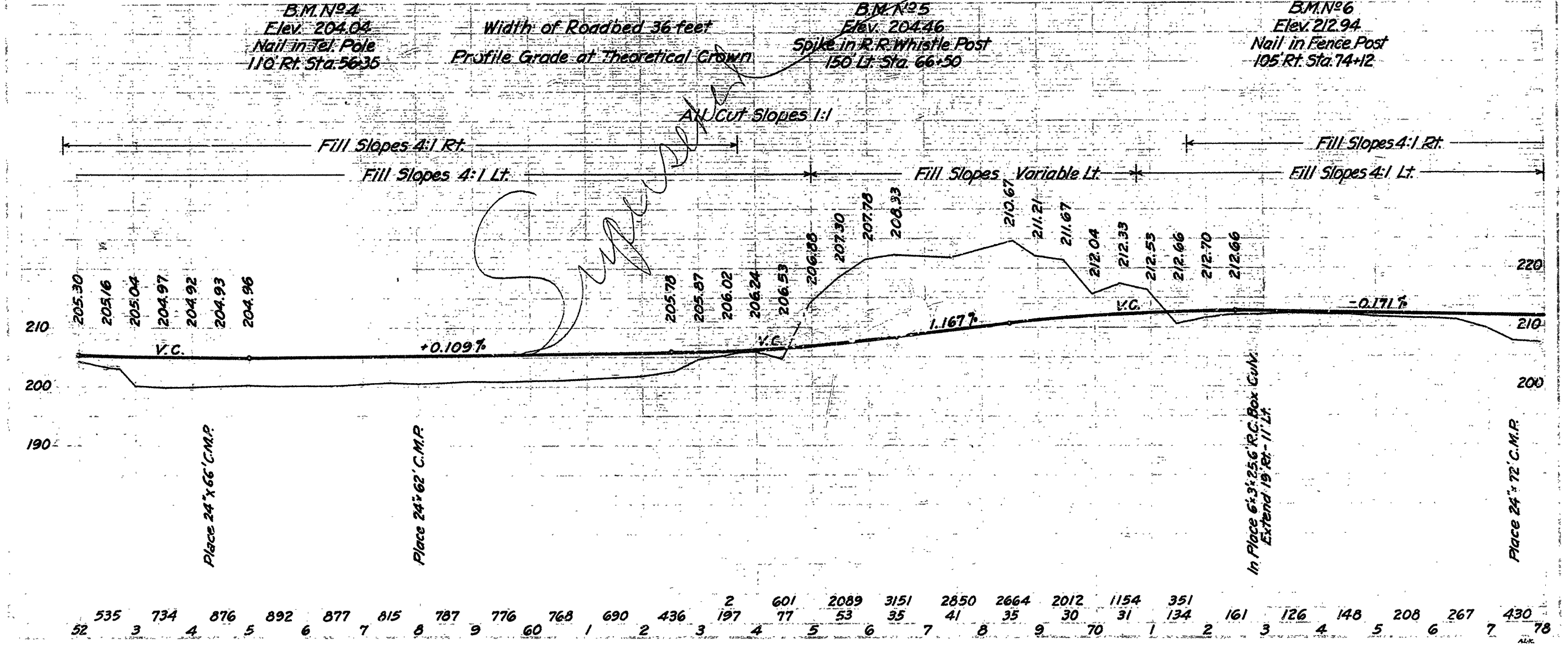
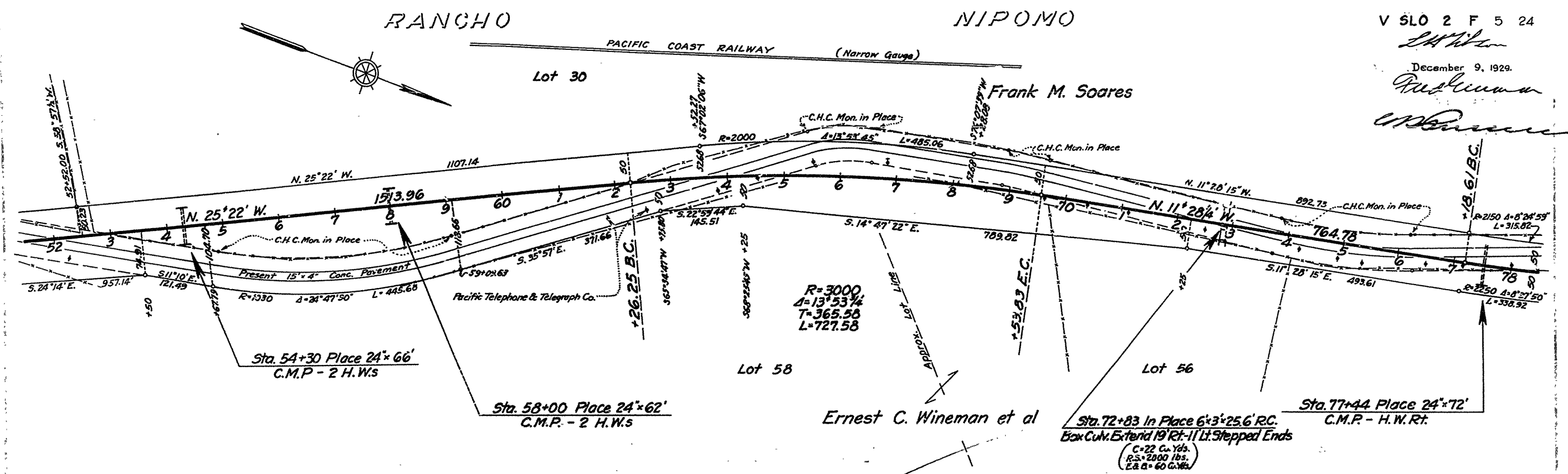
**AS BUILT PLANS**  
 Contract No. 25F 1930  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE *John E. Cant* TITLE Sr. Insp.



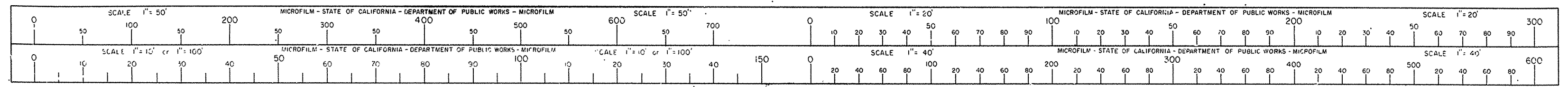
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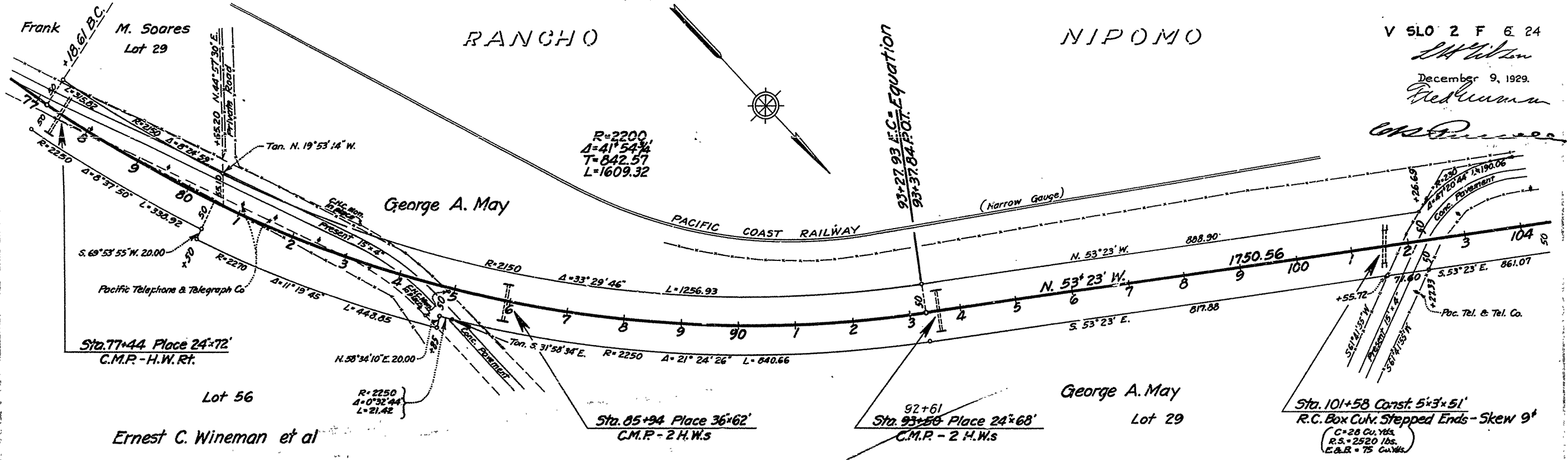
*Handwritten signatures*



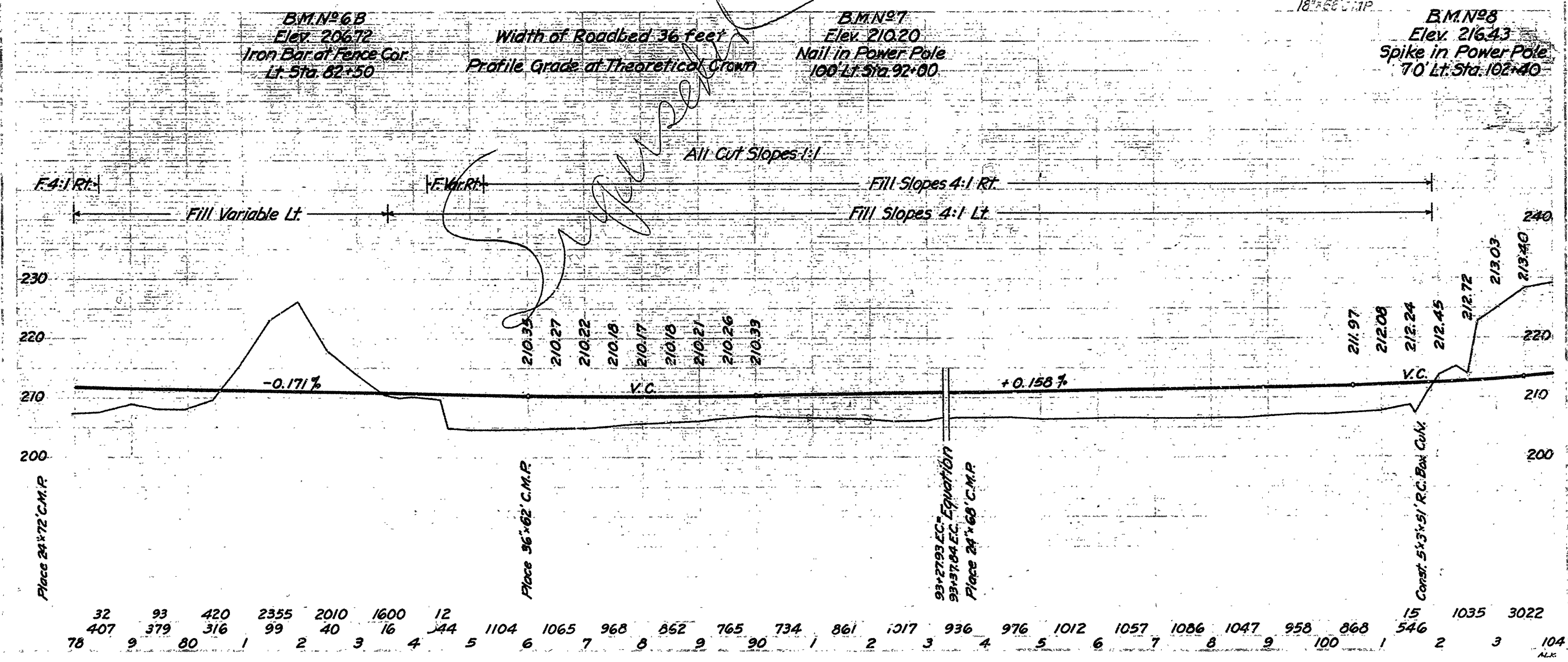
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 Date Completed -  
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 DATE 12-5-72 SIGNATURE Henry E. Cant TITLE Sr. Insp.



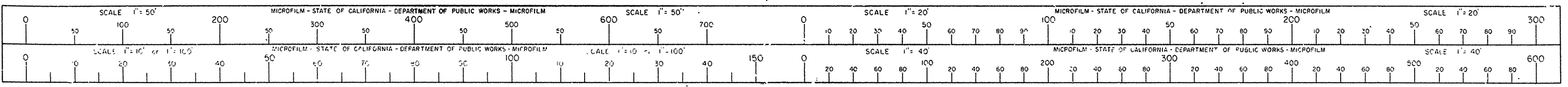


V SLO 2 F 6 24  
 December 9, 1929  
 Fred W. Wineman  
 Engineer



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 Contract No. 25FL8  
 Date Completed -  
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 DATE 12-5-72 SIGNATURE: James E. Cant TITLE Sr. Insp.

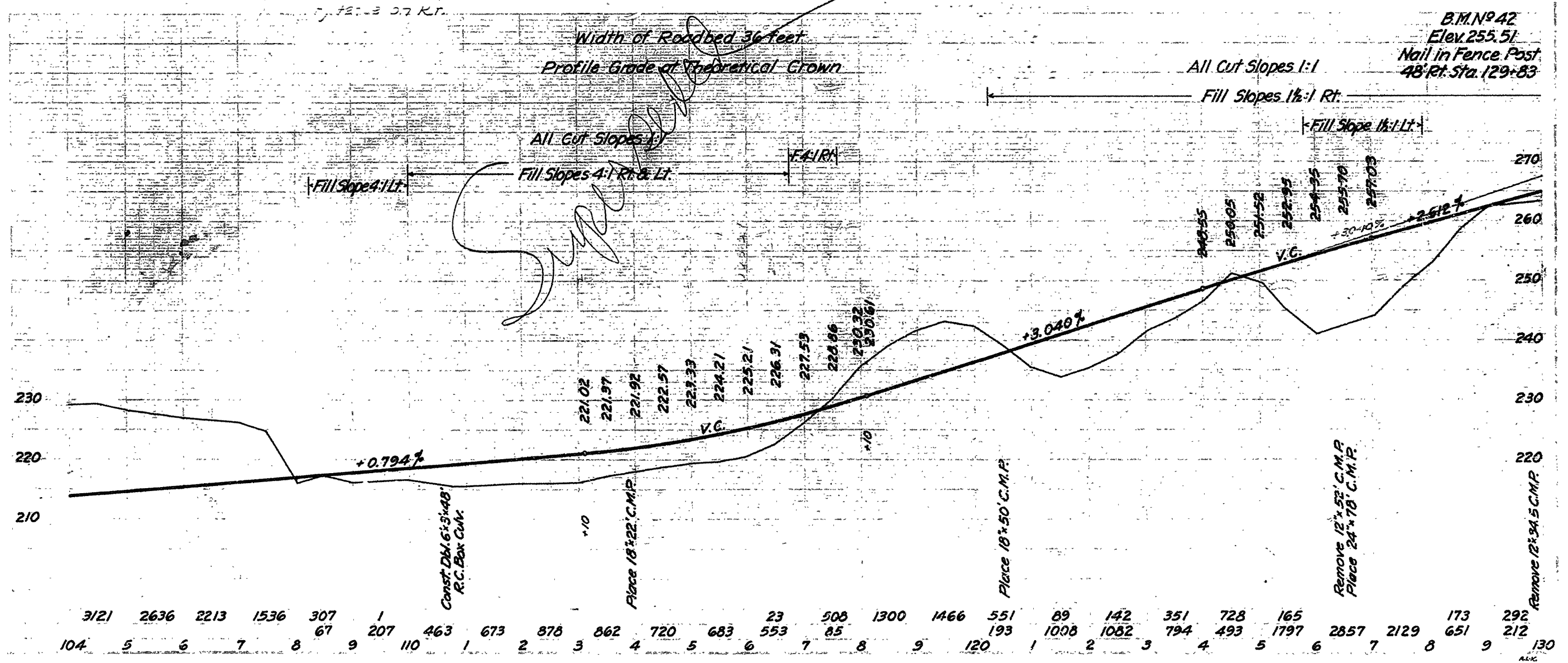
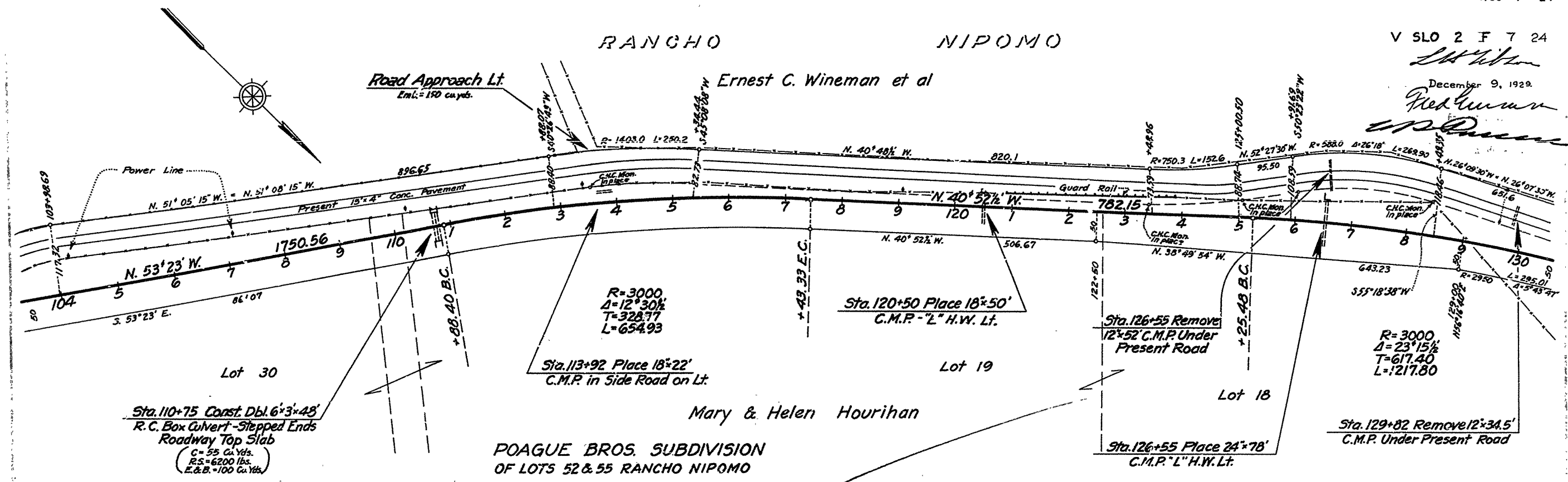


RANCHO NIPOMO

V SLO 2 F 7 24

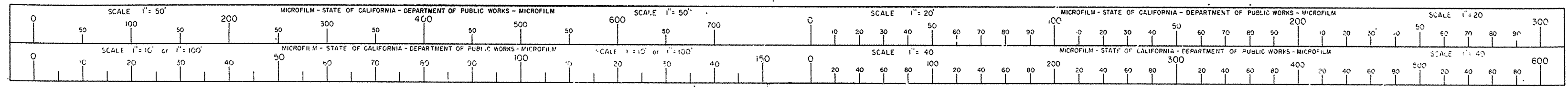
Ernest C. Wineman et al

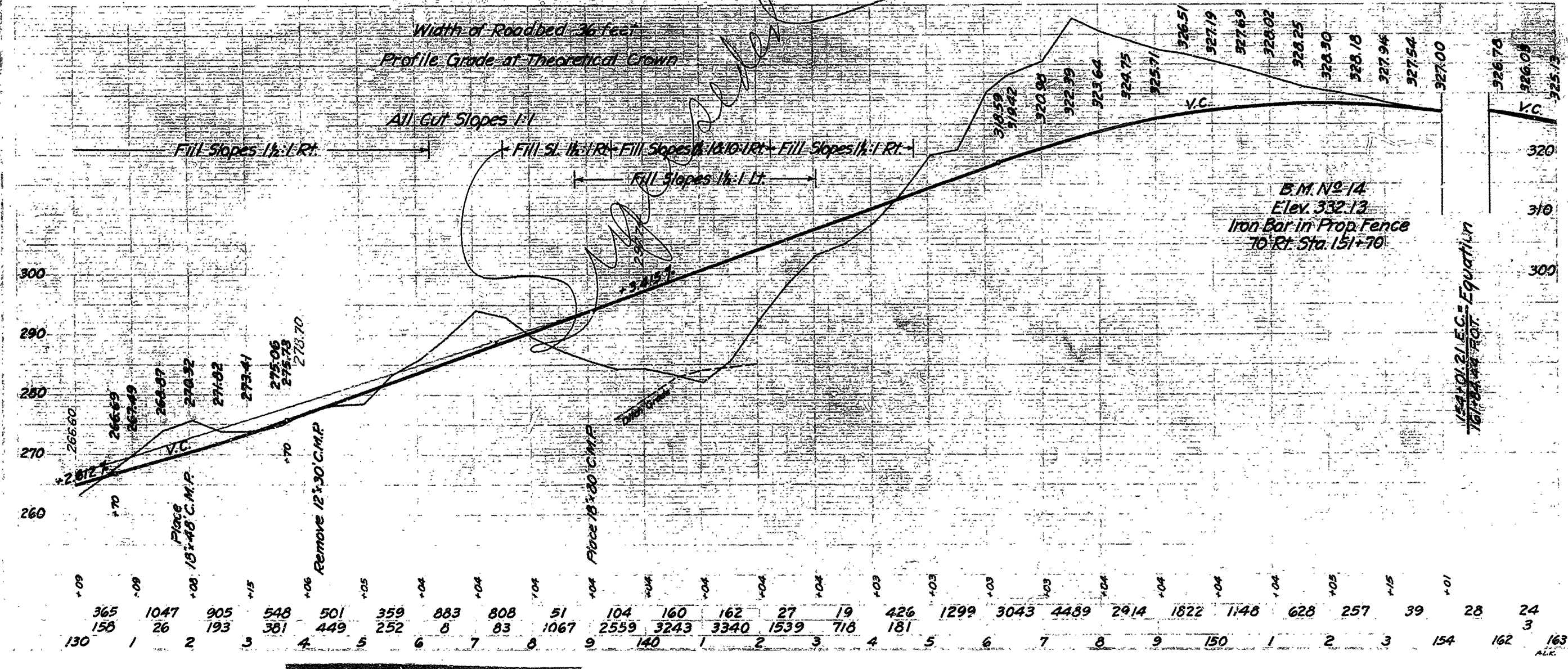
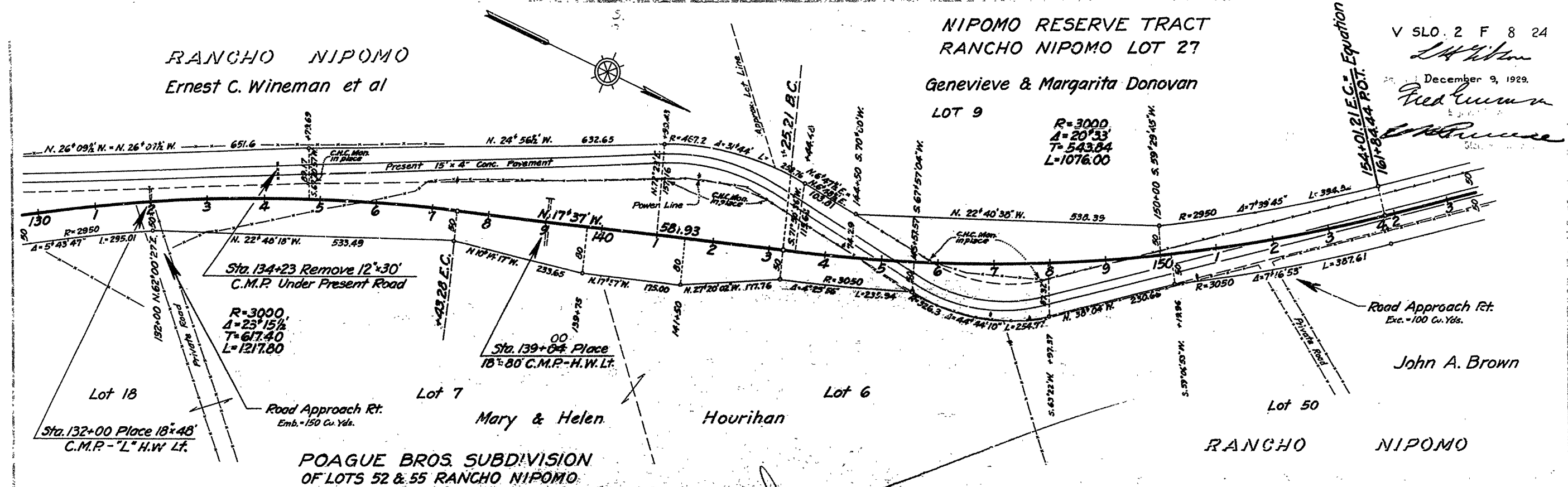
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**AS BUILT PLANS**  
 Contract No. 25FCL8  
 Date Completed ---  
 Document No. 50001688

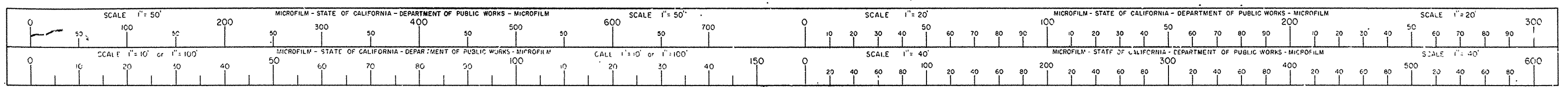
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE: 12-5-72 SIGNATURE: Jenna E. Caud TITLE: sr. Rep





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 Contract No. 25FL8  
 Date Completed -  
 Document No. 50001688

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 DATE 12-5-72 SIGNATURE James E. Court TITLE Sr. Insp.



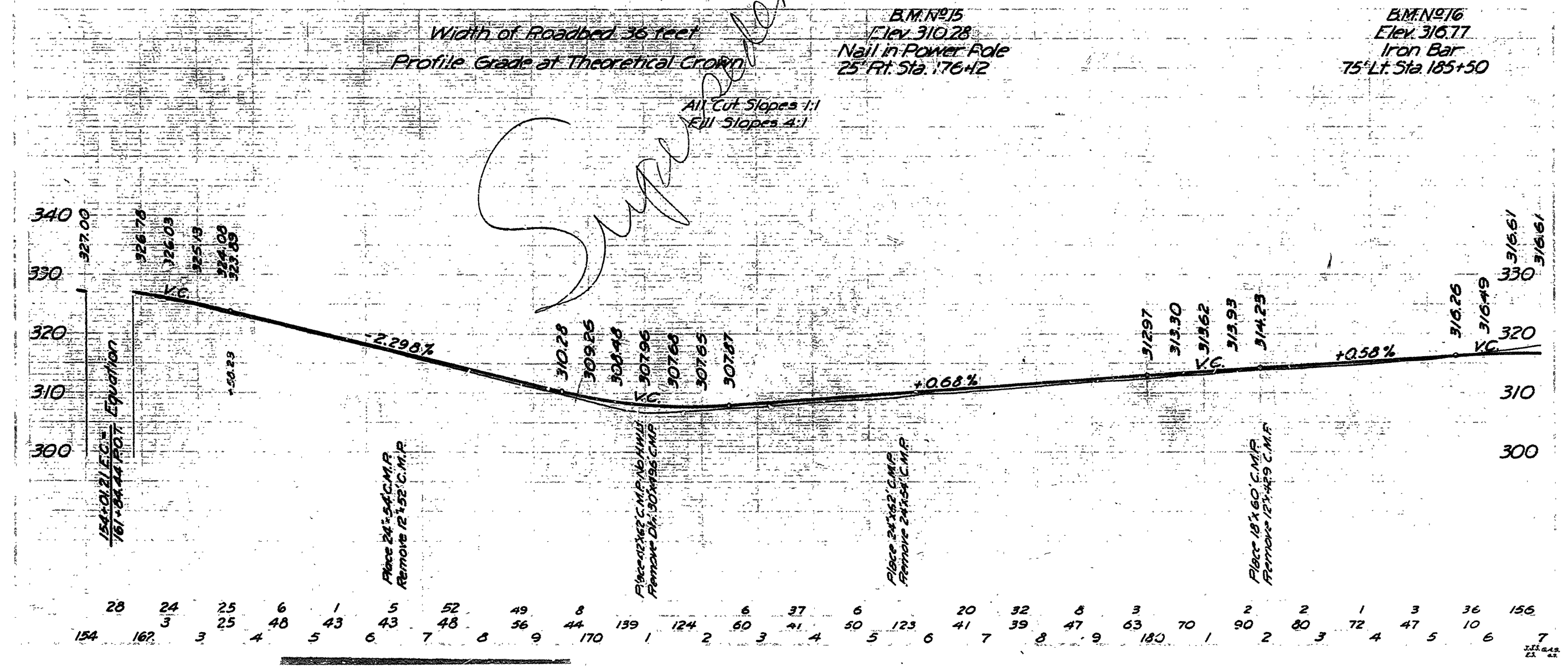
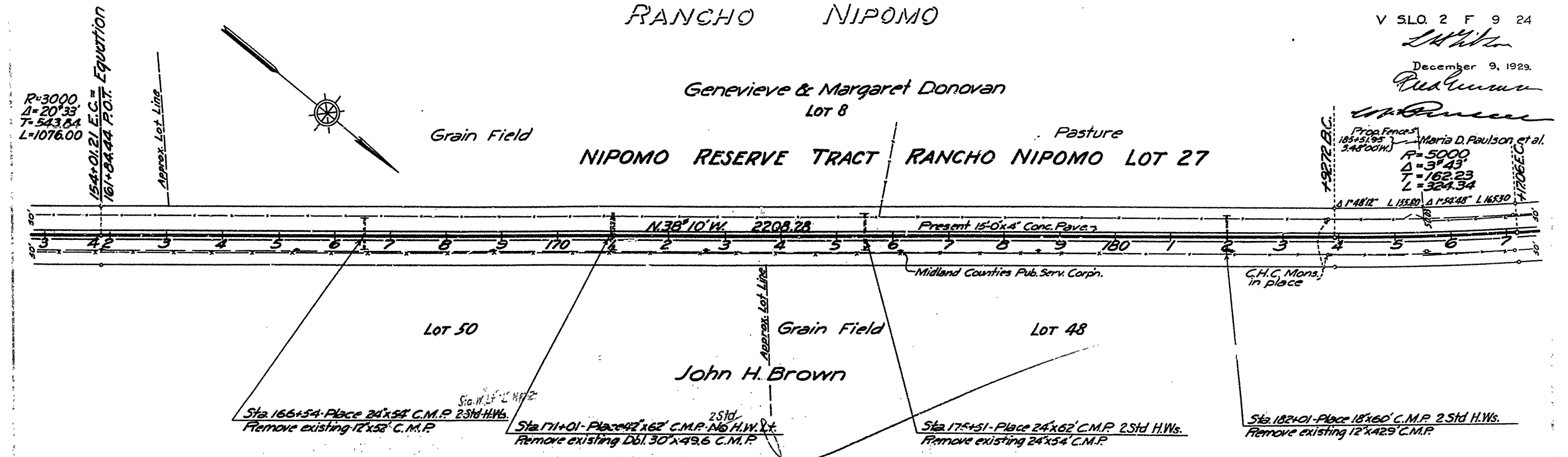


December 9, 1929.

# RANCHO NIPOMO

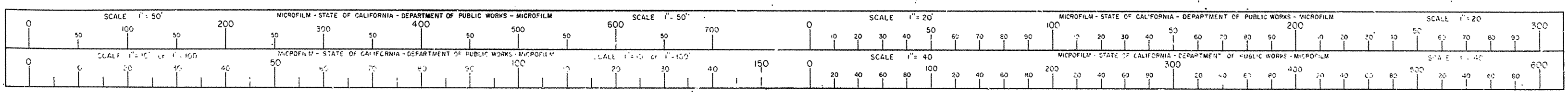
Genevieve & Margaret Donovan  
LOT 8

## NIPOMO RESERVE TRACT RANCHO NIPOMO LOT 27



**AS BUILT PLANS**  
 Contract No. 25F 28  
 Date Completed -  
 Document No. 50001688

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 DATE 12-5-76 SIGNATURE: *James E. Coit* TITLE SR. RMO

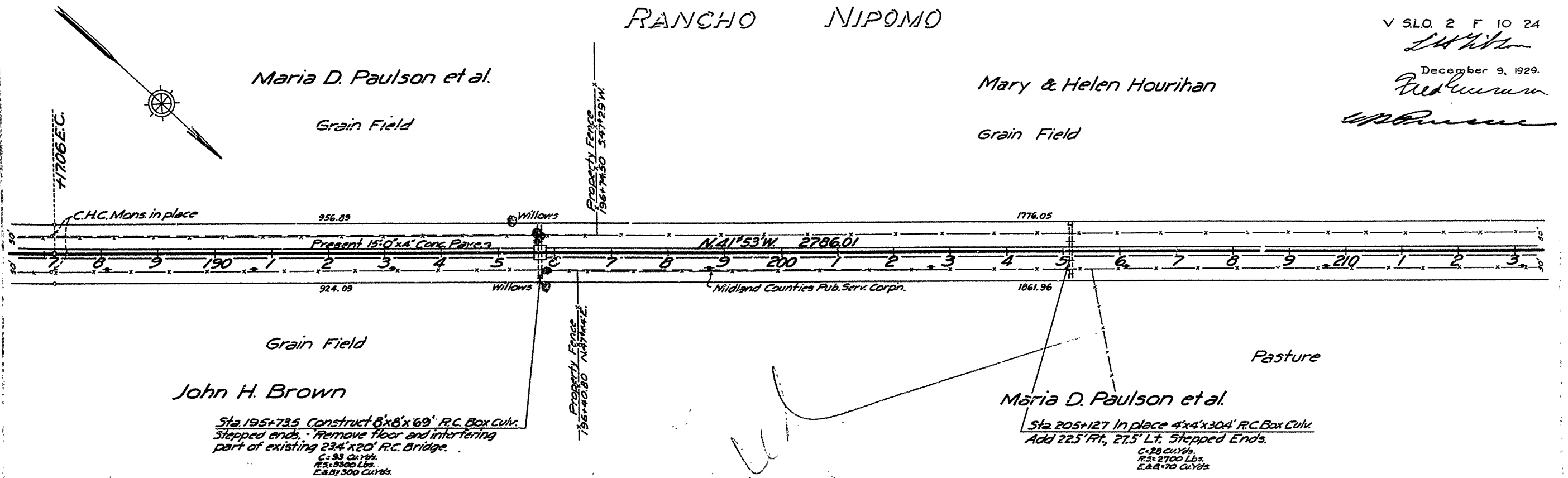


# RANCHO NIPOMO

Maria D. Paulson et al.

Mary & Helen Hourihan

V.S.L.O. 2 F 10 24  
December 9, 1929.  
*[Signature]*



John H. Brown

Maria D. Paulson et al.

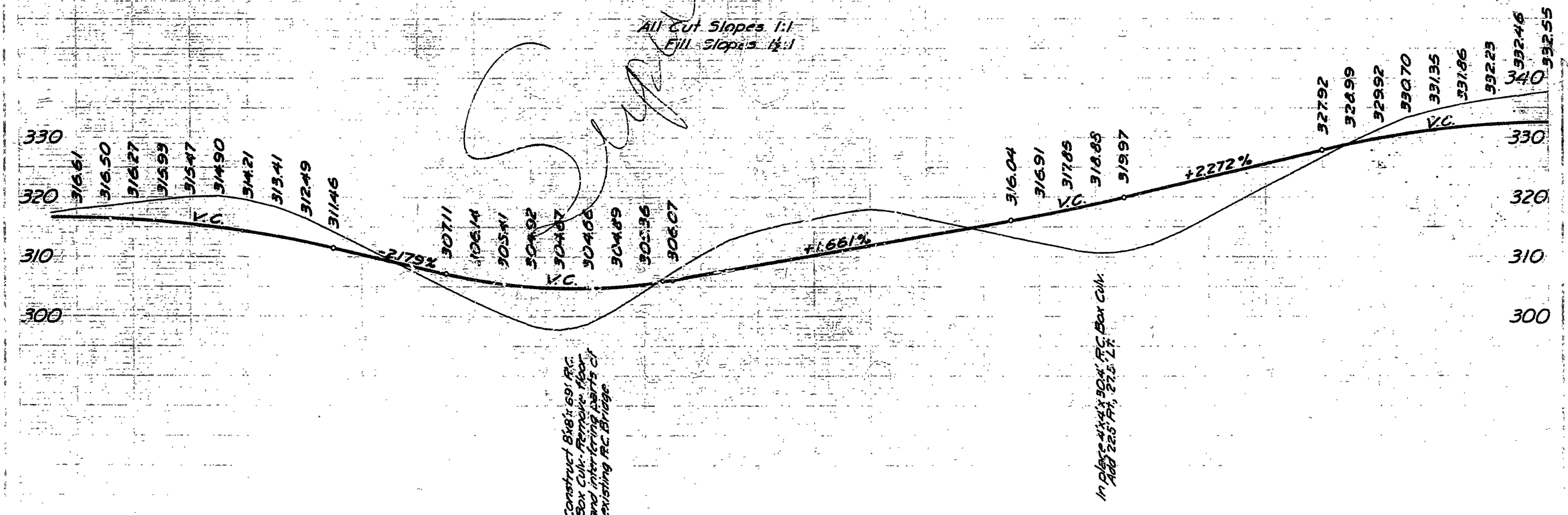
Sta. 195+73.5 Construct 8'x6'x69" R.C. Box Culv. Stepped ends. Remove floor and interfering part of existing 23'4"x20" R.C. Bridge.

Sta. 205+12.7 In place 4'x4'x30' R.C. Box Culv. Add 22.5' Ft., 27.5' Lt. Stepped Ends.

B.M. NR 17 Elev. 317.98 Nail in Power Pole 25' Rt. Sta. 193+70

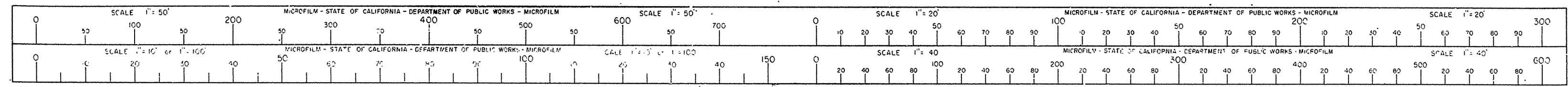
Width of Roadbed 36 feet. Profile Grade at Theoretical Crown.

All Cut Slopes 1:1 Fill Slopes 1 1/2:1



**AS BUILT PLANS**  
 Contract No. 25FL8  
 Date Completed -  
 Document No. 50001688

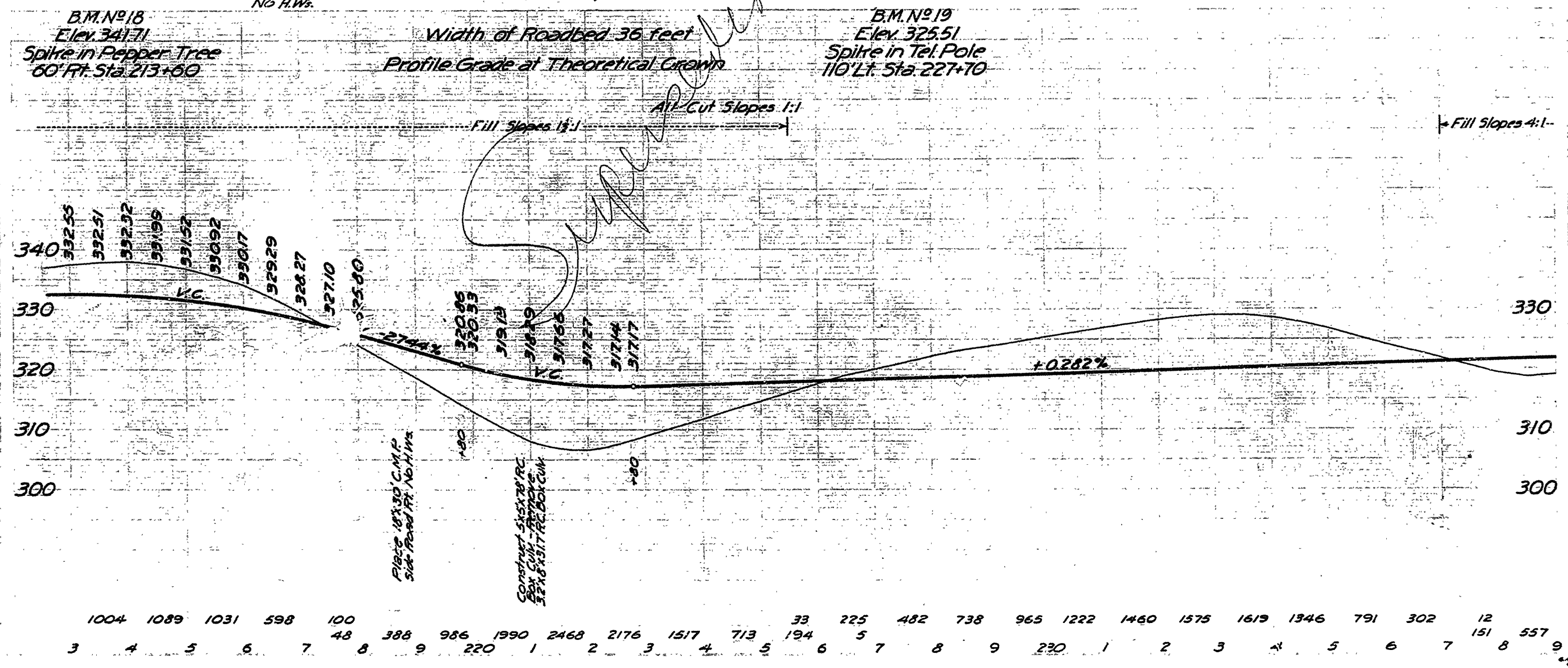
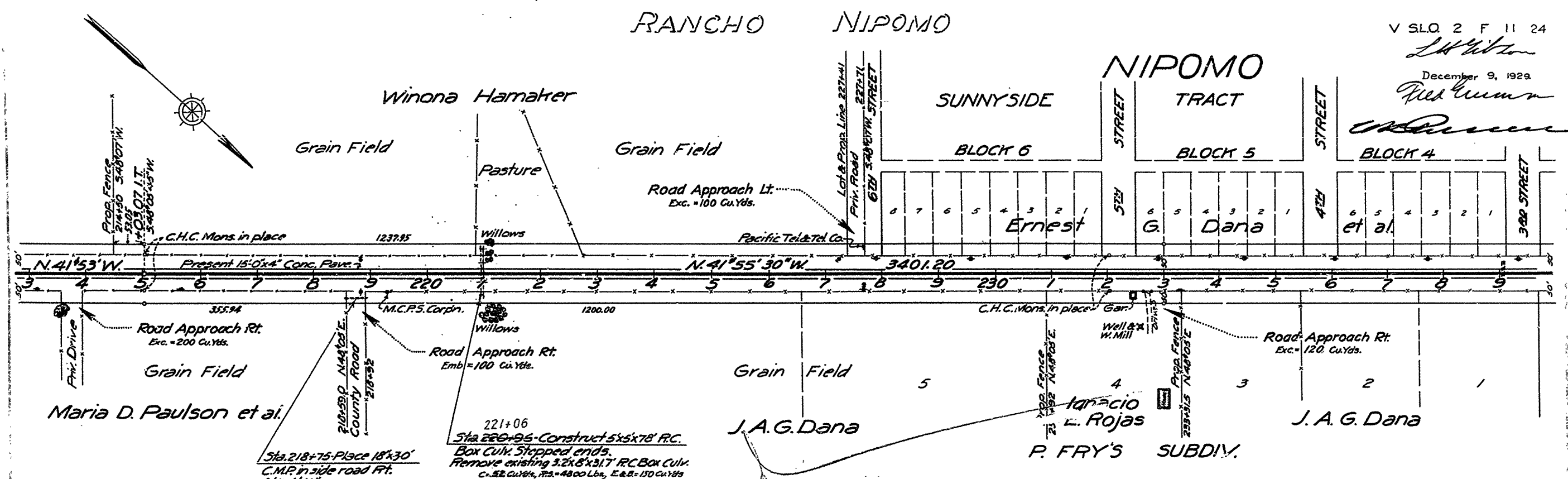
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 DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Rmn



# RANCHO NIPOMO

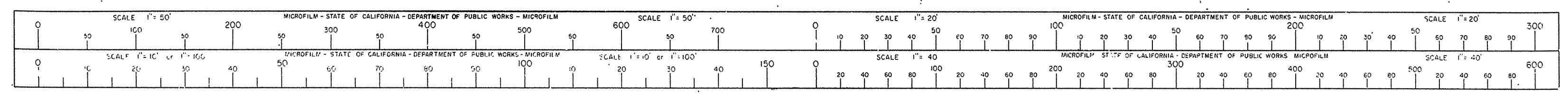
V SLO 2 F 11 24

December 9, 1929



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 Contract No. 25FCL8  
 Date Completed -  
 Document No. 50001688

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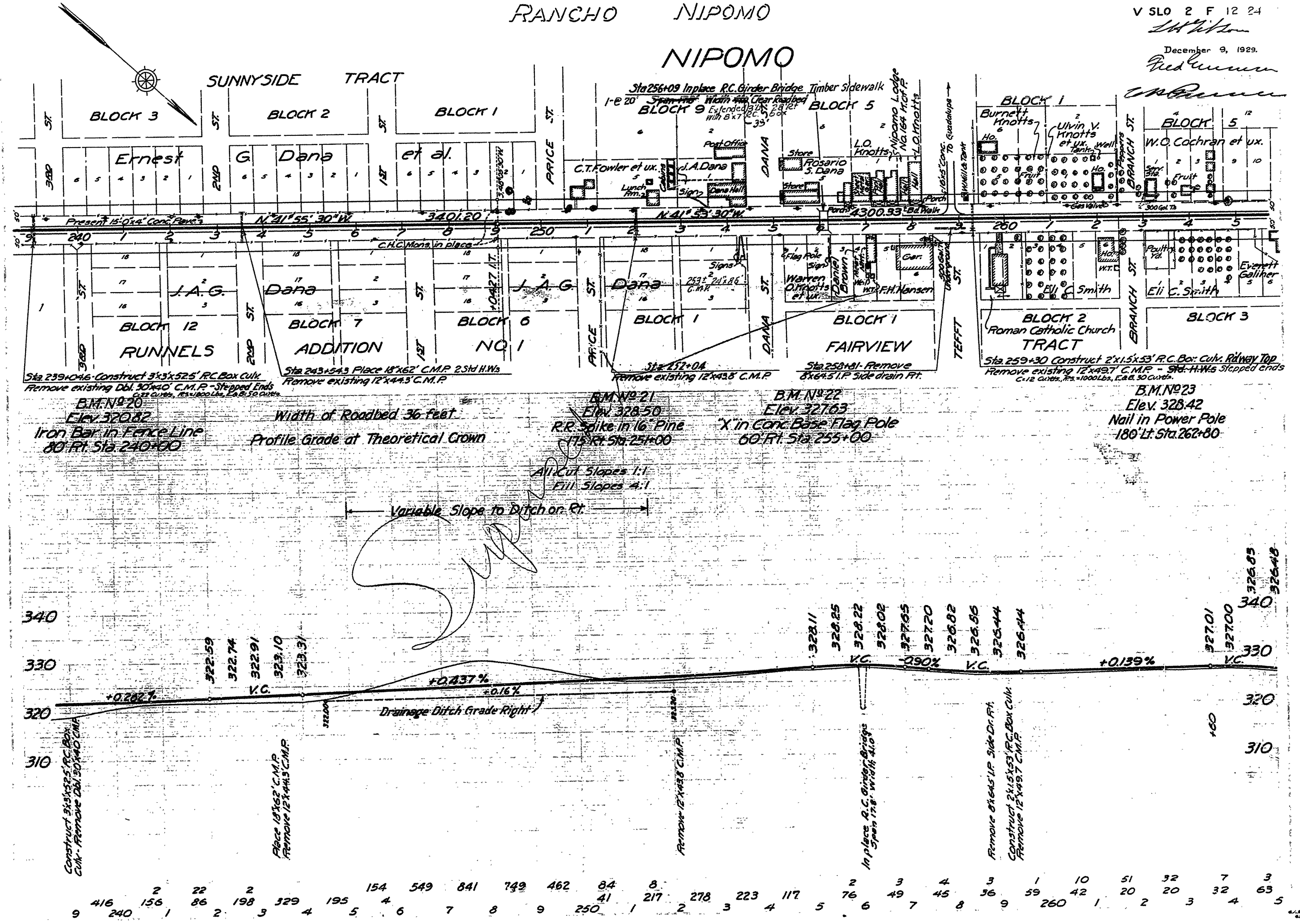
# RANCHO NIPOMO

## NIPOMO

V SLO 2 F 12 24

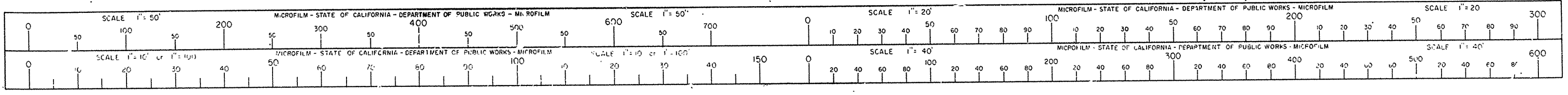
December 9, 1929.

Red Curran

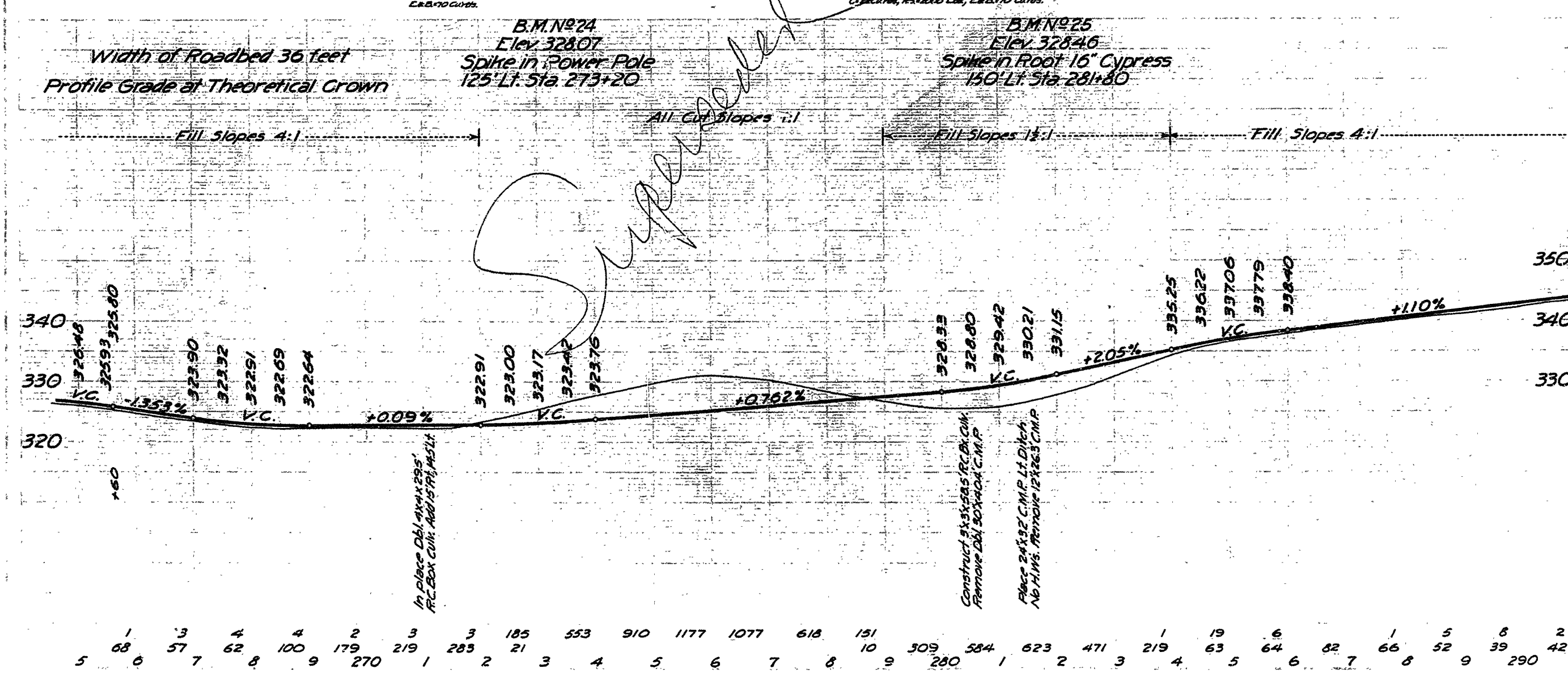
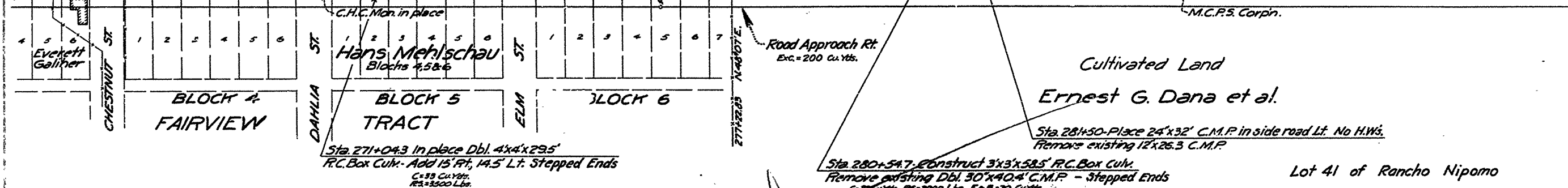
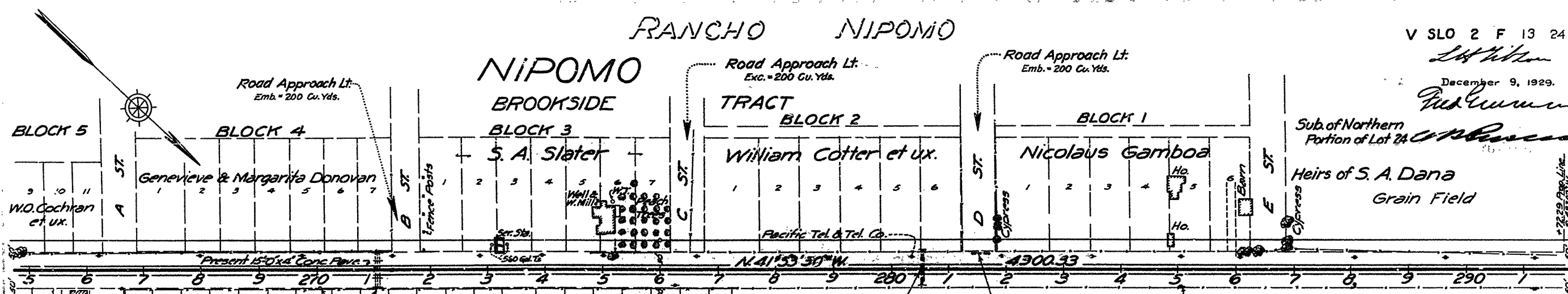


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 DATE 12-5-72 SIGNATURE James E. Court TITLE Sr. Insp.

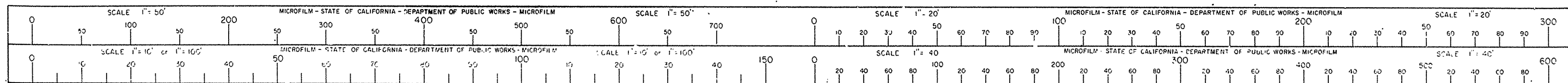


# RANCHO NIPOMO



**AS BUILT PLANS**  
 Contract No. 25FCL8  
 Date Completed -  
 Document No. 50001689

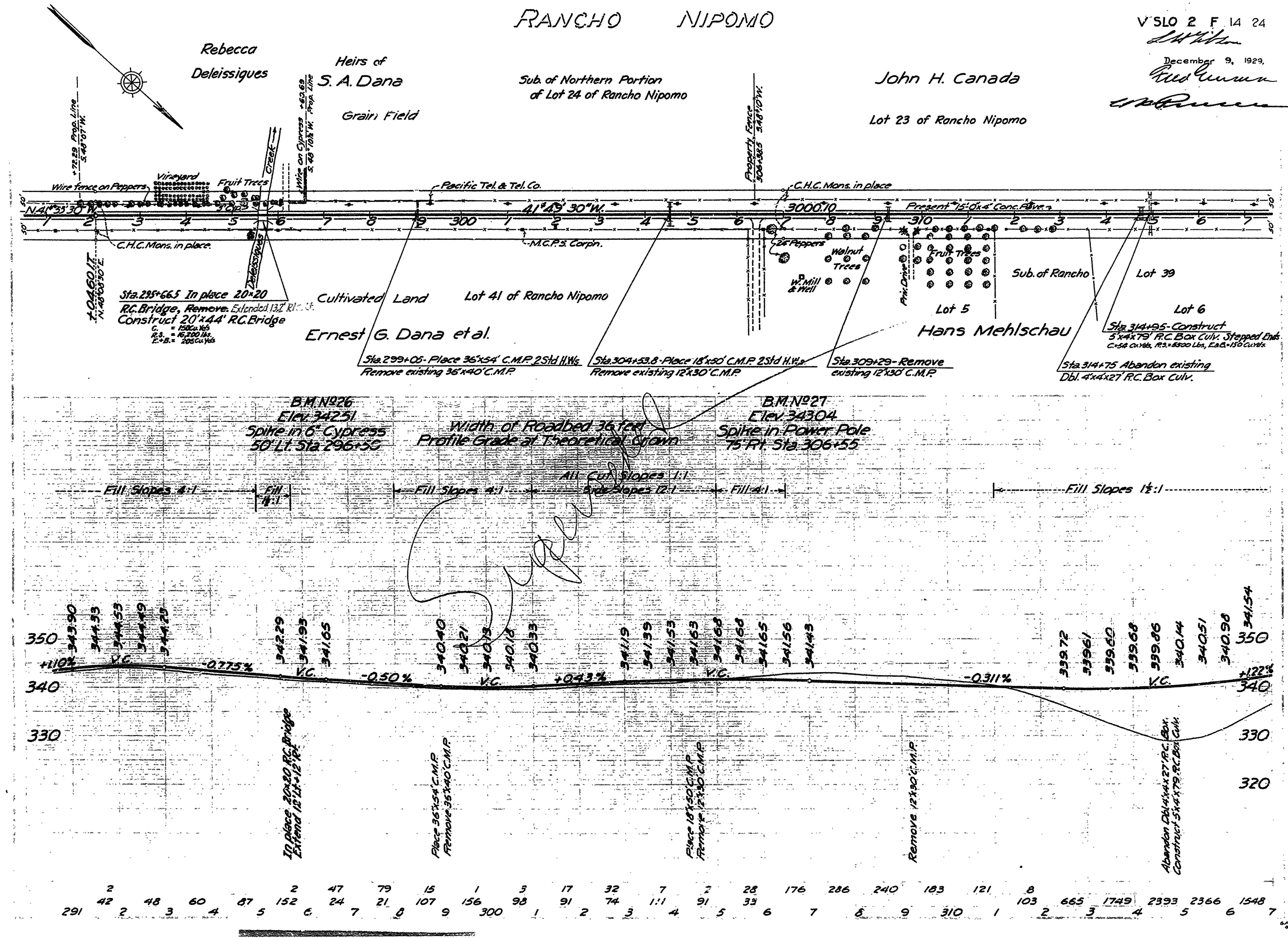
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 DATE 12-5-76 SIGNATURE: Dennis E. Cant TITLE Sr. Rmn



# RANCHO NIPOMO

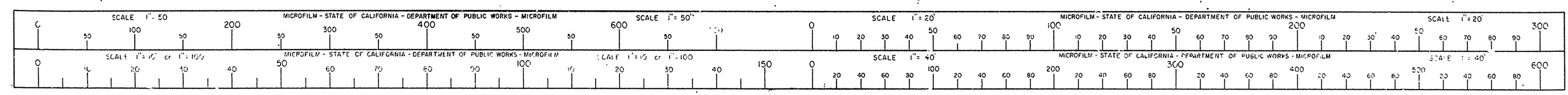
V'SLO 2 F. 14 24

December 9, 1929



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 DATE 12-5-76 SIGNATURE *James E. Court* TITLE Sr. Insp.



# RANCHO NIPOMO

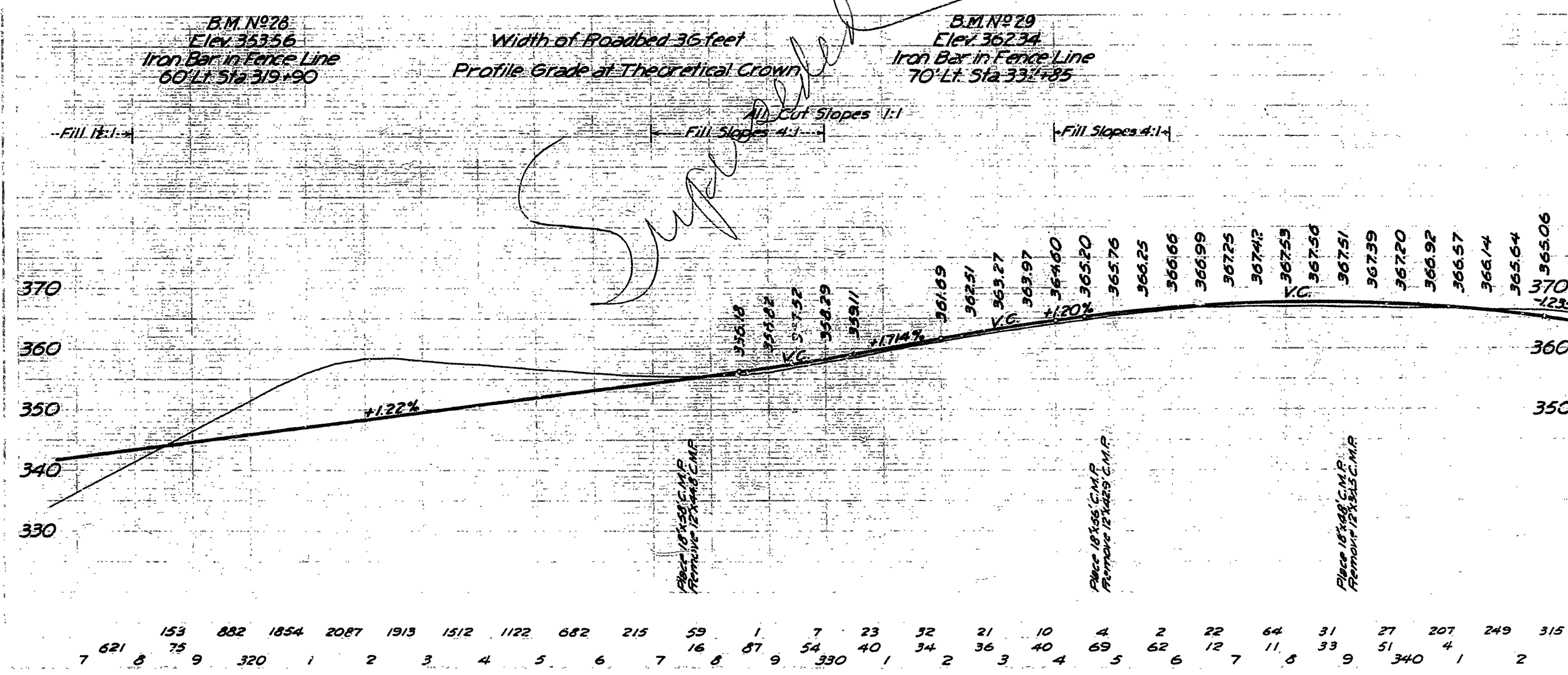
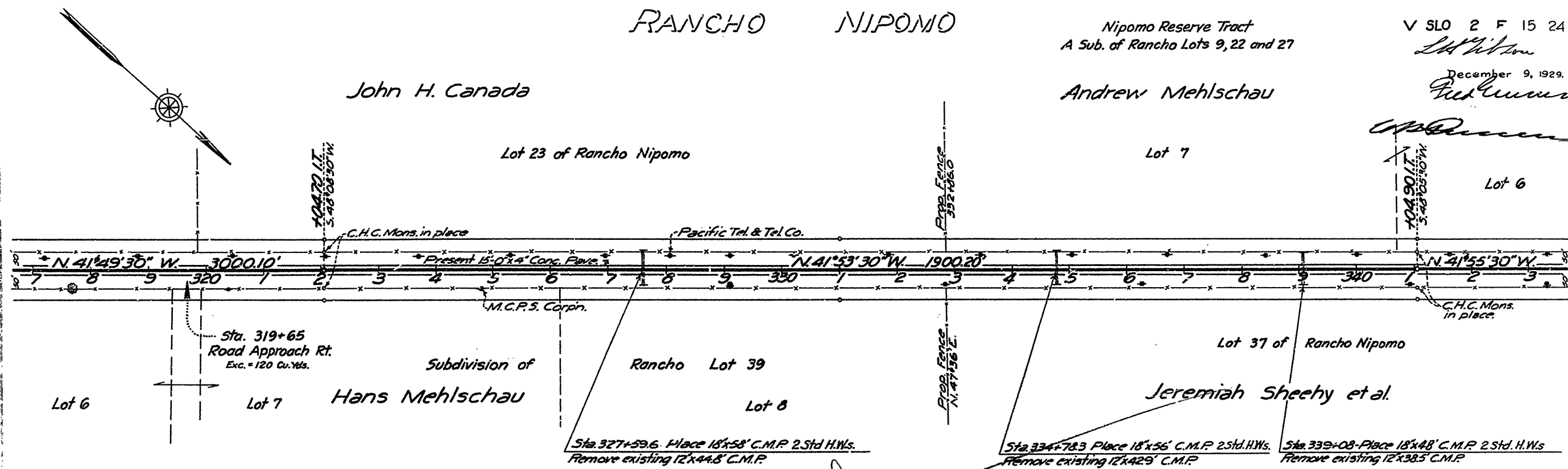
Nipomo Reserve Tract  
A Sub. of Rancho Lots 9, 22 and 27

V SLO 2 F 15 24

John H. Canada

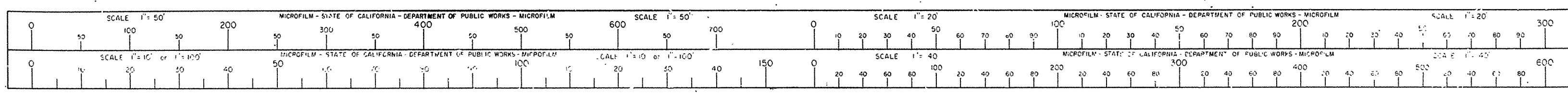
Andrew Mehlschau

December 9, 1929.



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 Contract No. 25FLR  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE Benjamin E. Court TITLE SK. Rmn



25F 1930 16 24

V SLO 2 F 16 24

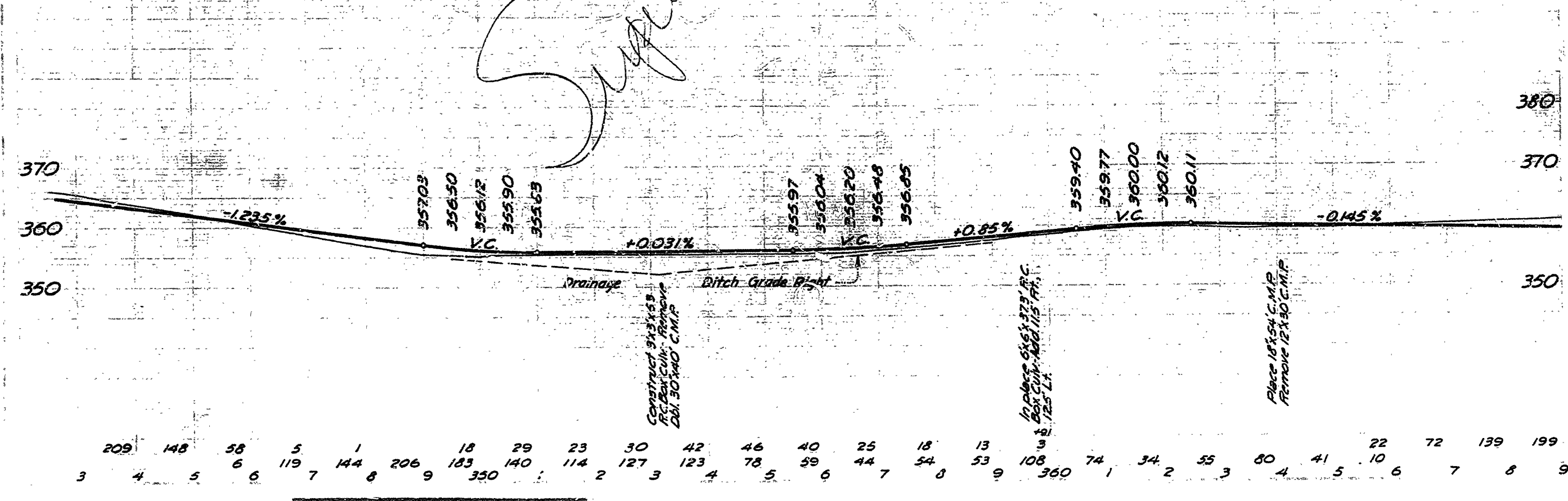
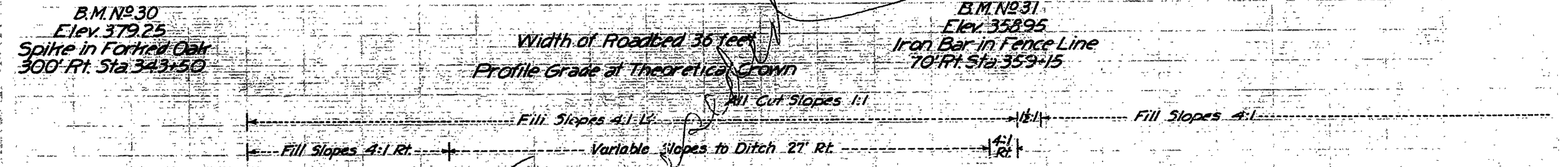
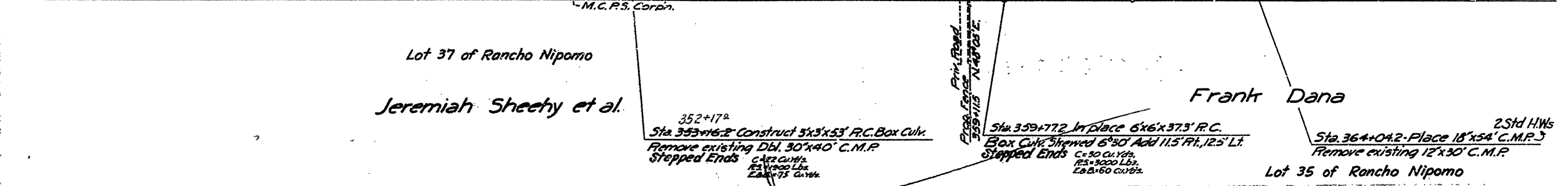
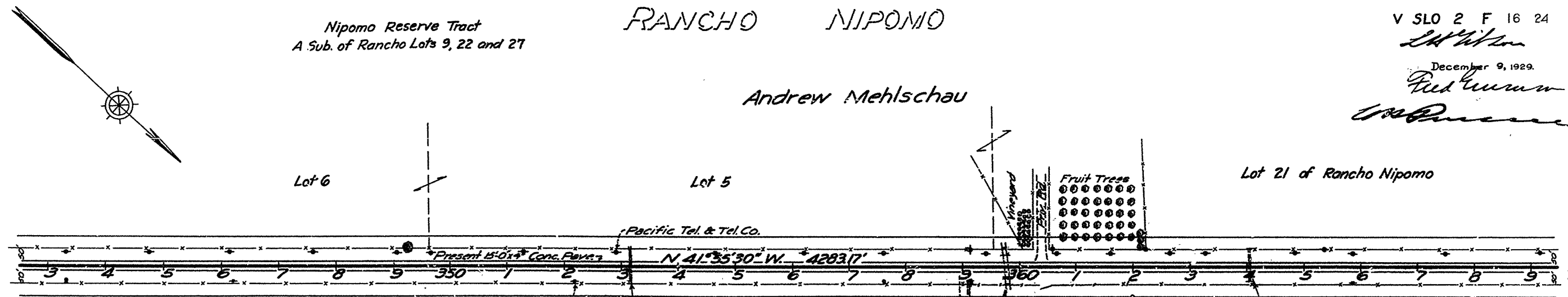
December 9, 1929

Red Cross

Nipomo Reserve Tract  
A Sub. of Rancho Lots 9, 22 and 27

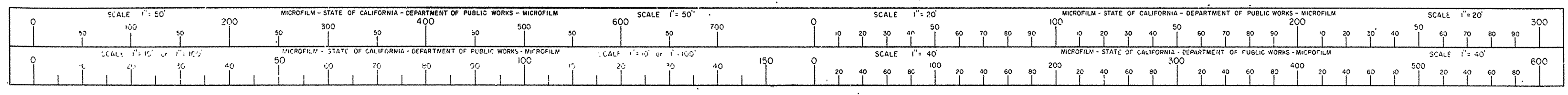
# RANCHO NIPOMO

Andrew Mehlschau



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 DATE 12-5-72 SIGNATURE James E. Covert TITLE Sr. Insp.





# RANCHO NIPOMO

Los Berros Tract  
Sub. of Lots 19 & 20 of Rancho Nipomo

V SLO 2 F 17 24

Andrew Meinschau

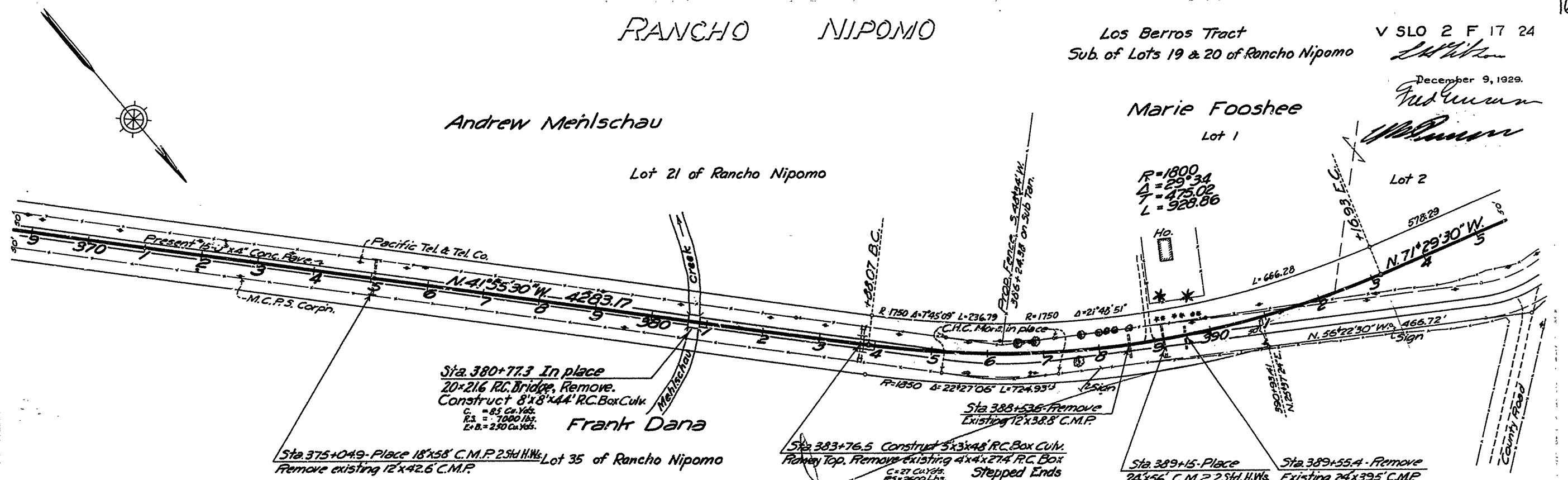
Marie Fooshee

December 9, 1929

Lot 21 of Rancho Nipomo

Lot 1

Lot 2



Sta. 380+77.3 In place  
20x216 RC. Bridge, Remove.  
Construct 8'x8'x4' RC. Box Culv.  
Ea. = 1000 lbs.  
L. = 230 Cu. Yds.

Sta. 375+04.9 Place 18'x58' C.M.P. 23rd H.W. Lot 35 of Rancho Nipomo  
Remove existing 12'x42.6 C.M.P.

Sta. 383+76.5 Construct 5'x5'x4' RC. Box Culv.  
Remove existing 4'x4'x2' RC. Box  
Stepped Ends  
Ea. = 1000 lbs.  
L. = 200 Cu. Yds.

Sta. 389+15 Place 24'x56' C.M.P. 23rd H.W.  
Remove existing 24'x39.5 C.M.P.

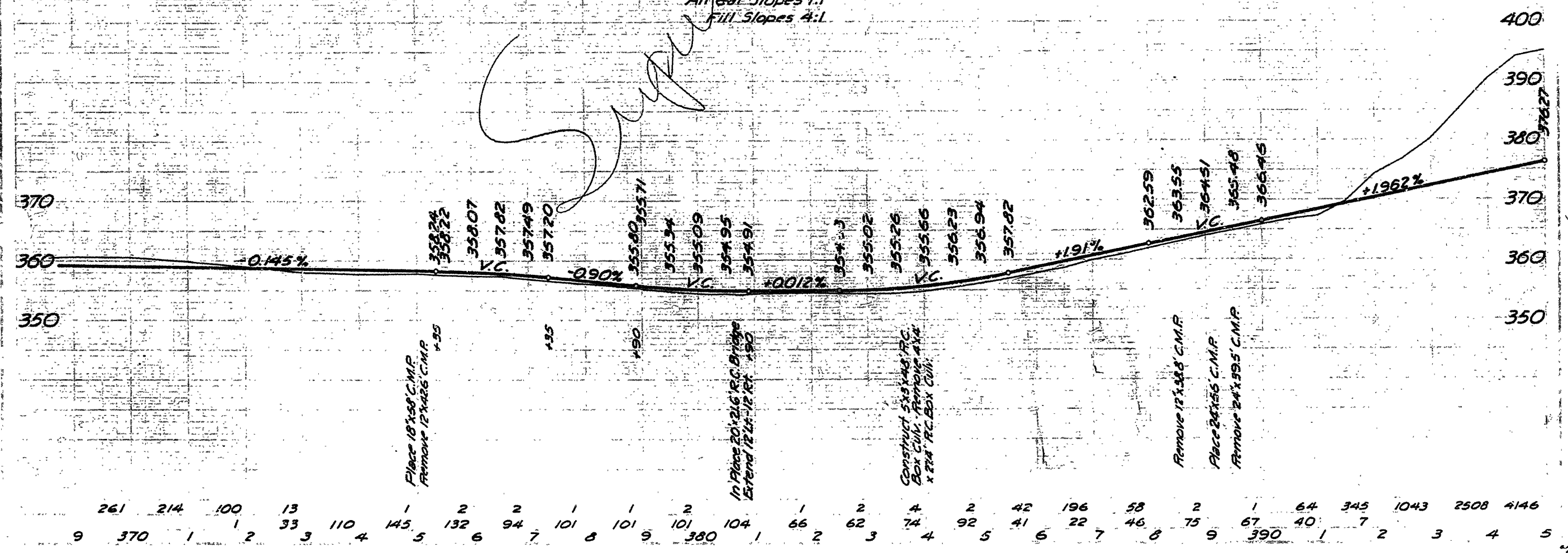
Sta. 389+55.4 Remove

Width of Roadbed 36 feet  
Profile Grade at Theoretical Crown

B.M. NO 32  
Elev. 354.00  
Iron Bar  
60' Ft. Sta. 380+80

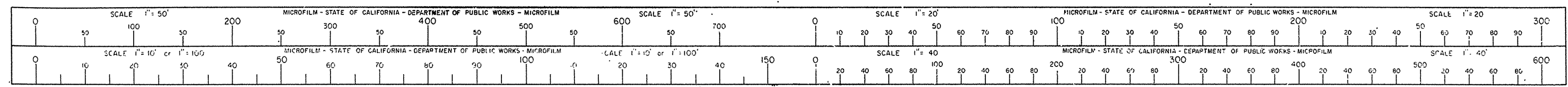
B.M. NO 33  
Elev. 366.71  
Spike in 18\"/>

All Cut Slopes 1:1  
Fill Slopes 4:1



**AS BUILT PLANS**  
Contract No. 25F 1930  
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Document No. 50001688

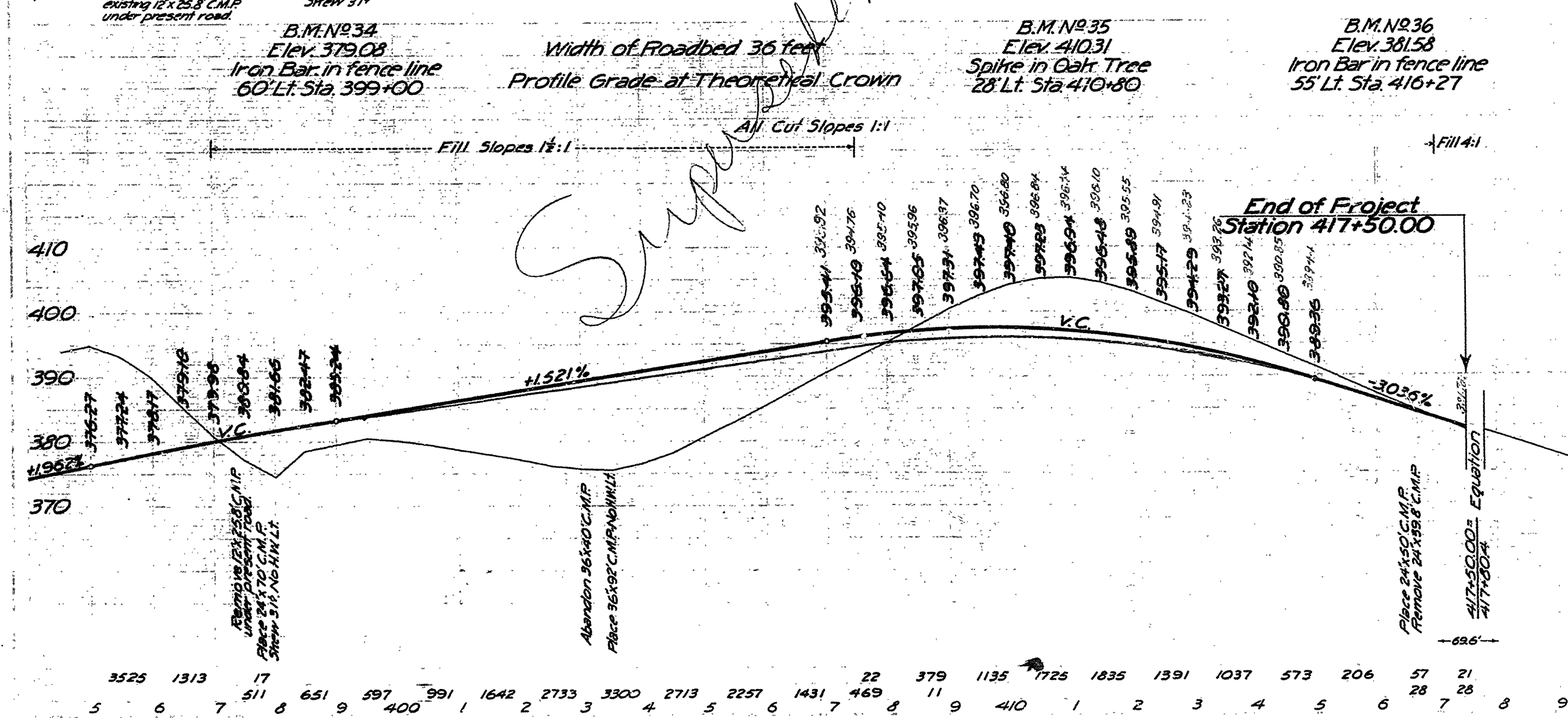
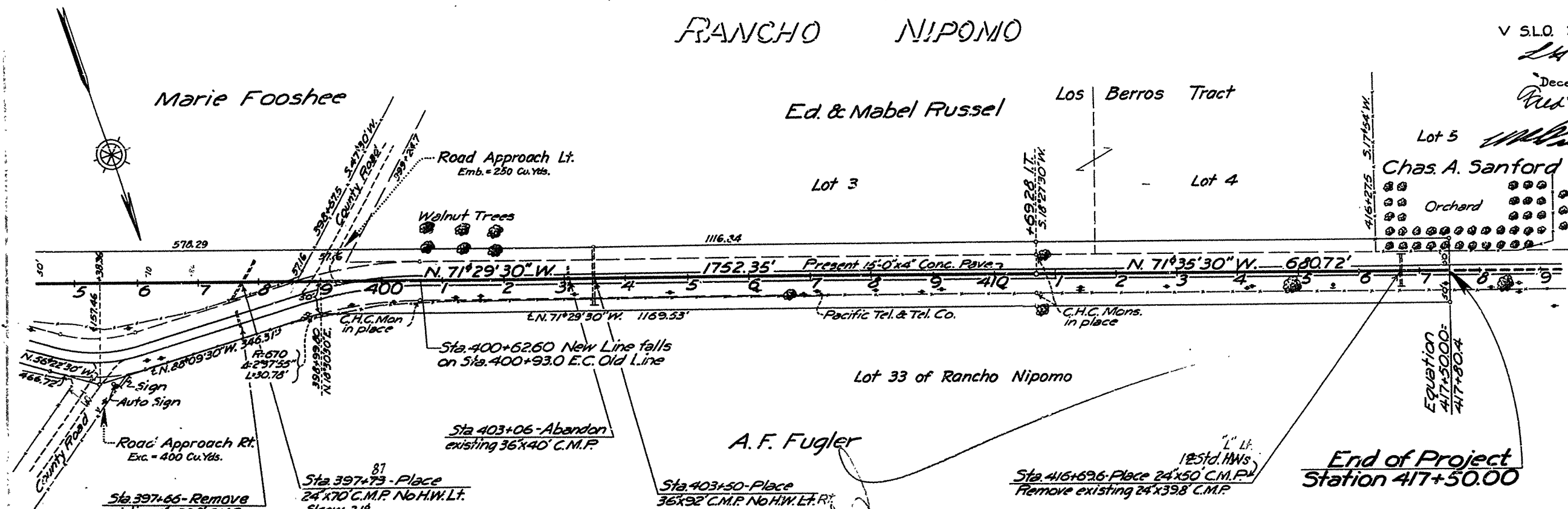
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE *James E. Cant* TITLE Sr. Insp.



# RANCHO NIPONIO

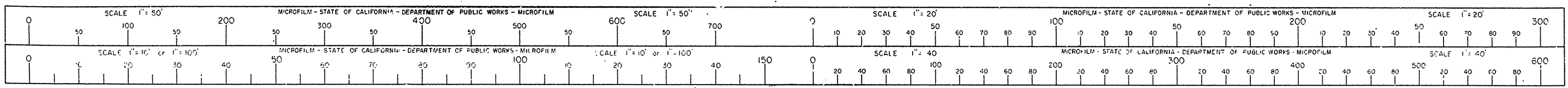
December 9, 1928

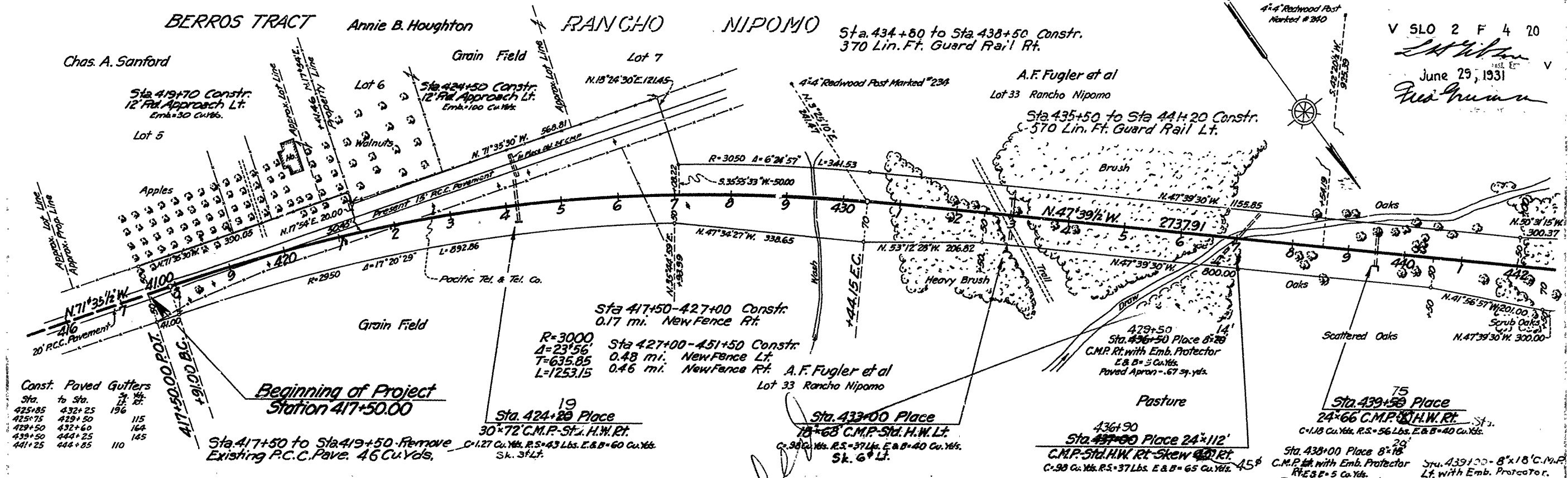
*Richard W. ...*



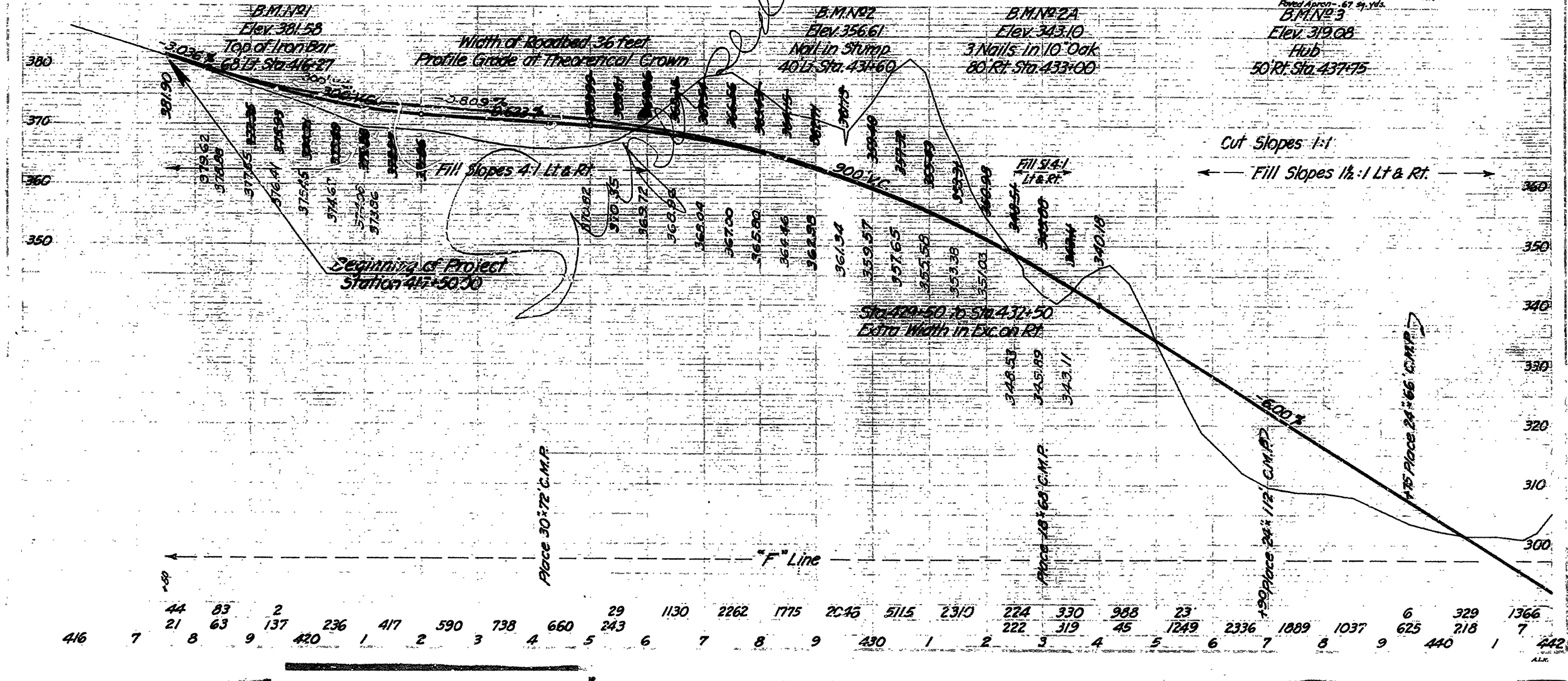
**AS BUILT PLANS**  
 Contract No. 25F 18  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE John E. ... TITLE sr. Rma



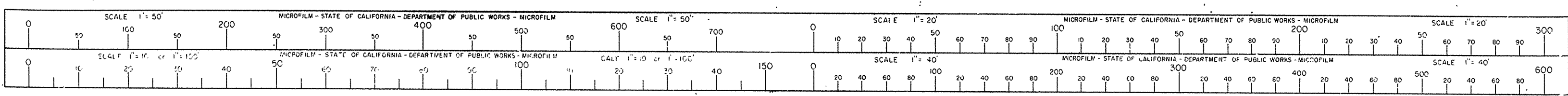


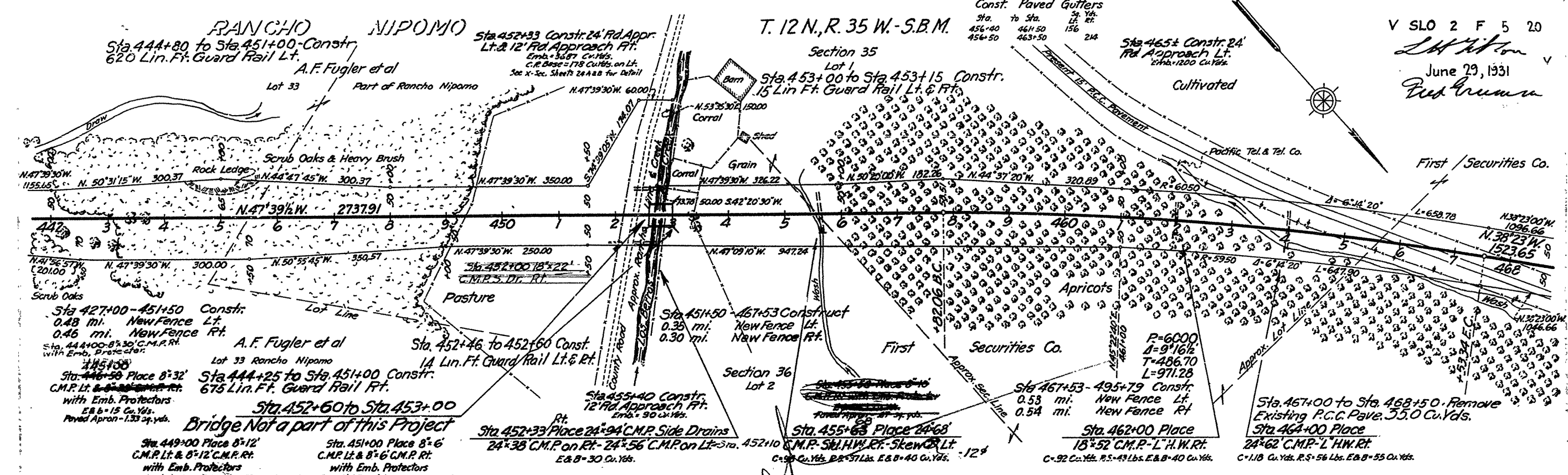
V SLO 2 F 4 20  
 June 29, 1931  
 Fred Brown



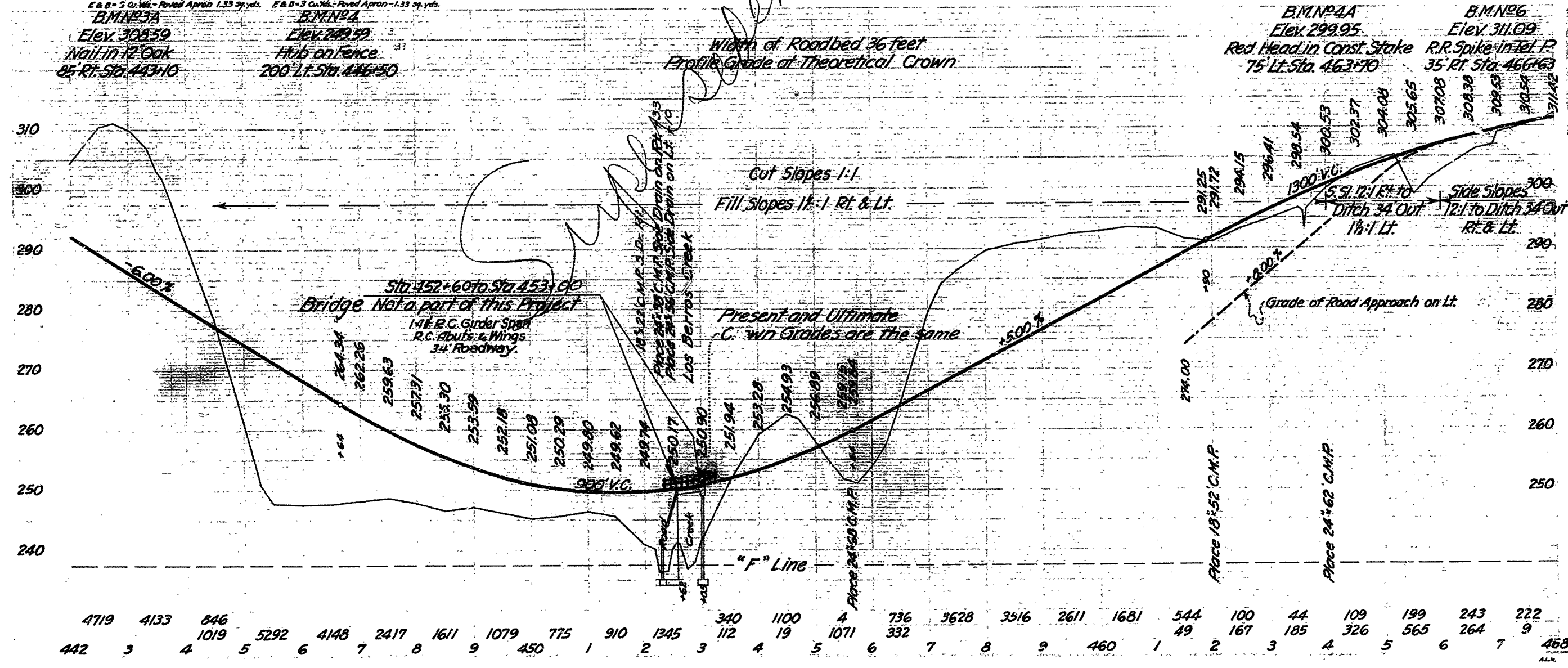
**AS BUILT PLANS**  
 Contract No. 25 FCB  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE: James E. Covert TITLE Sr. Rmn



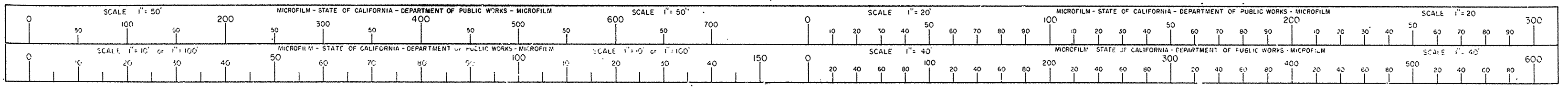


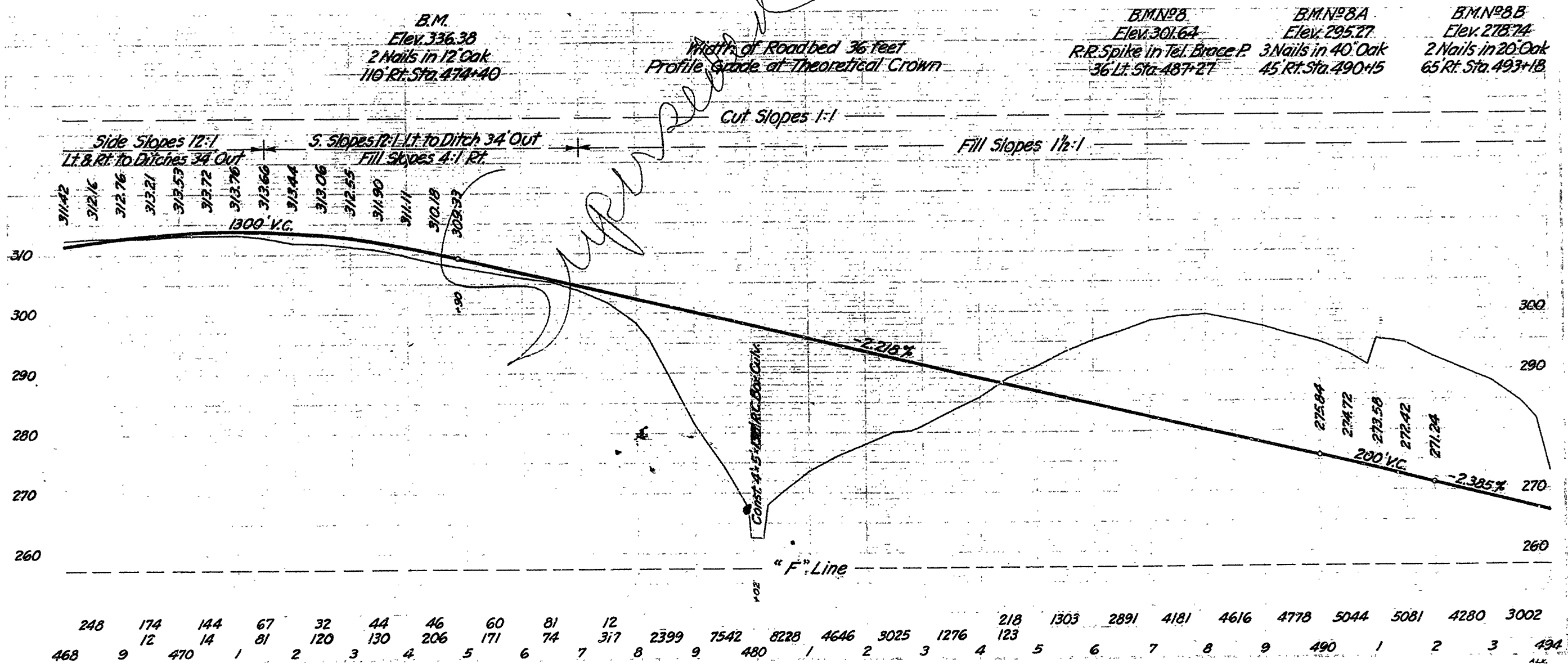
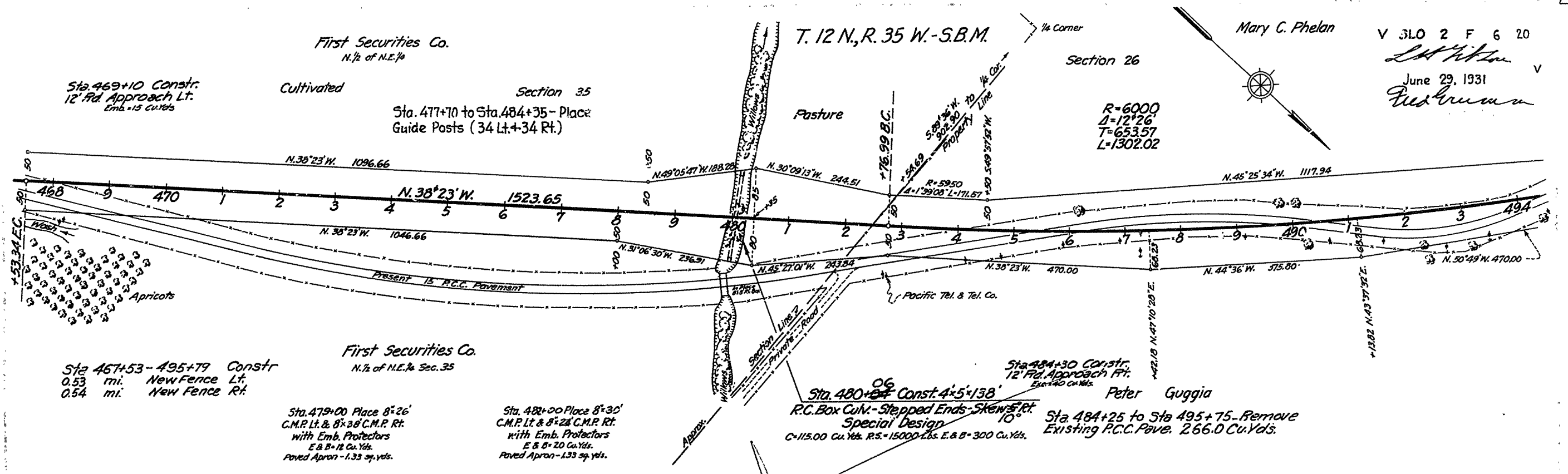
V SLO 2 F 5 20  
 June 29, 1931  
 R. H. Brown



**AS BUILT PLANS**  
 Contract No. 25FC8  
 Date Completed -  
 Document No. 50001688

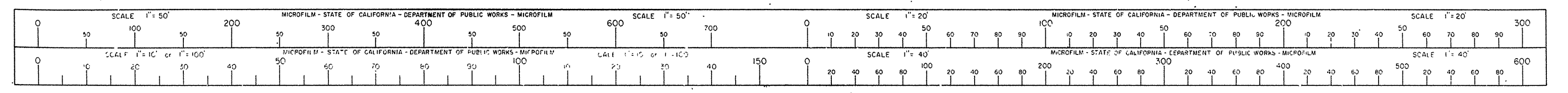
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-76 SIGNATURE: James E. Cant TITLE Sr. Reno

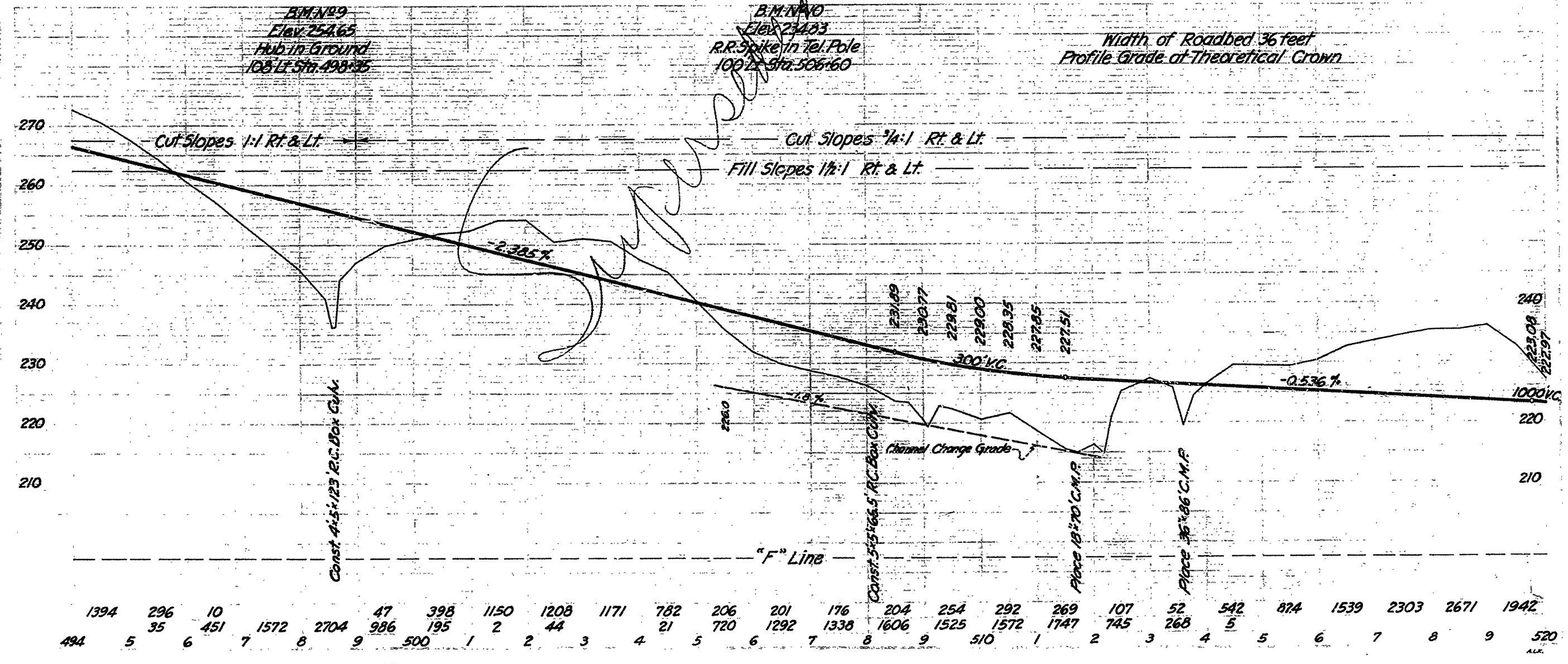
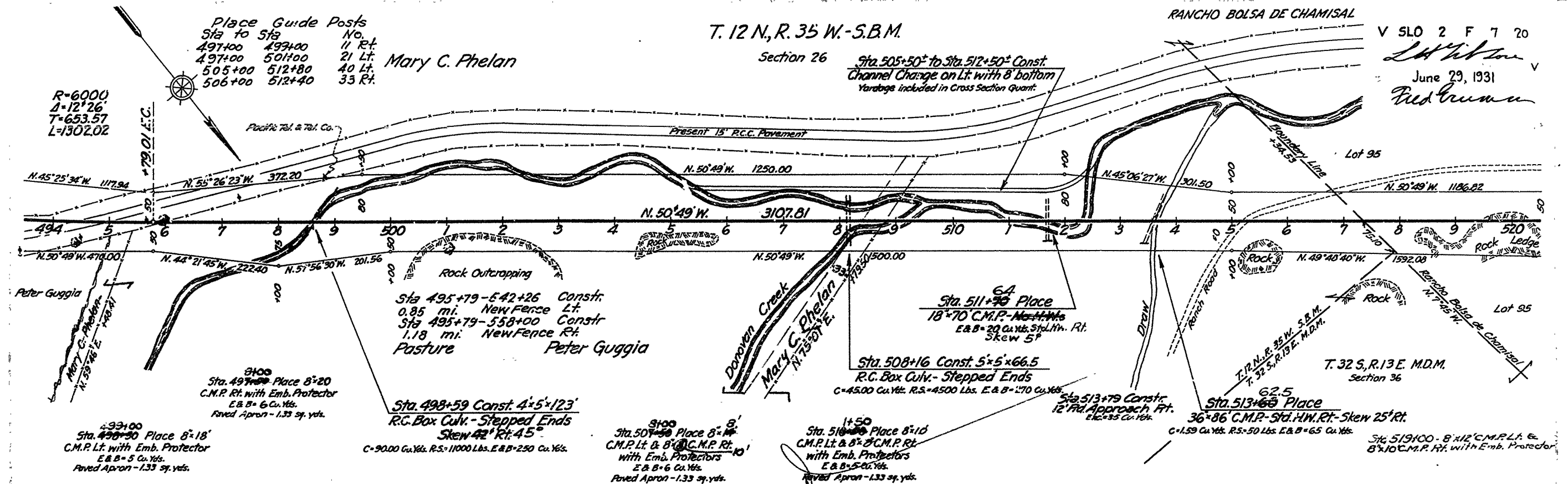




**AS BUILT PLANS**  
 Contract No. 25FL8  
 Date Completed       
 Document No. 50001688

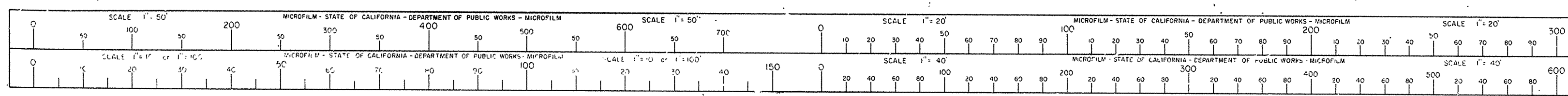
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Insp.



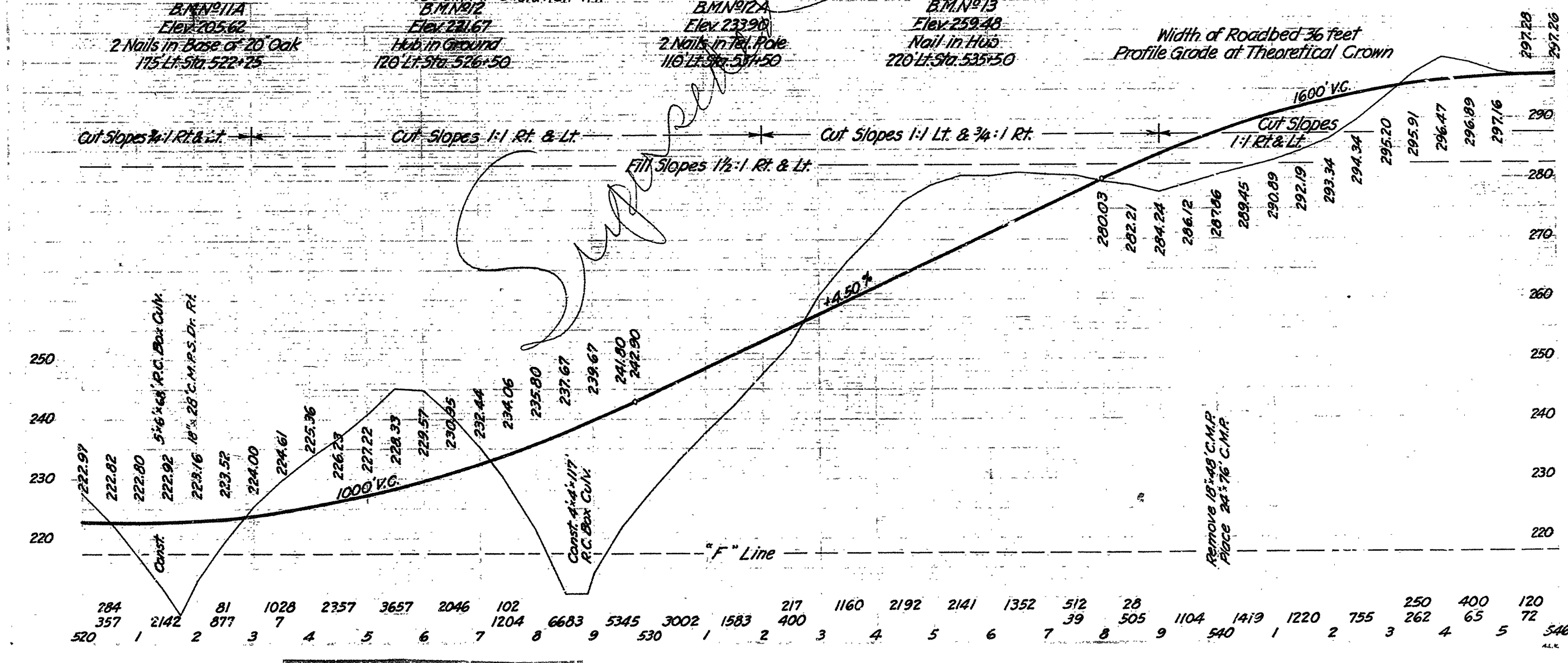
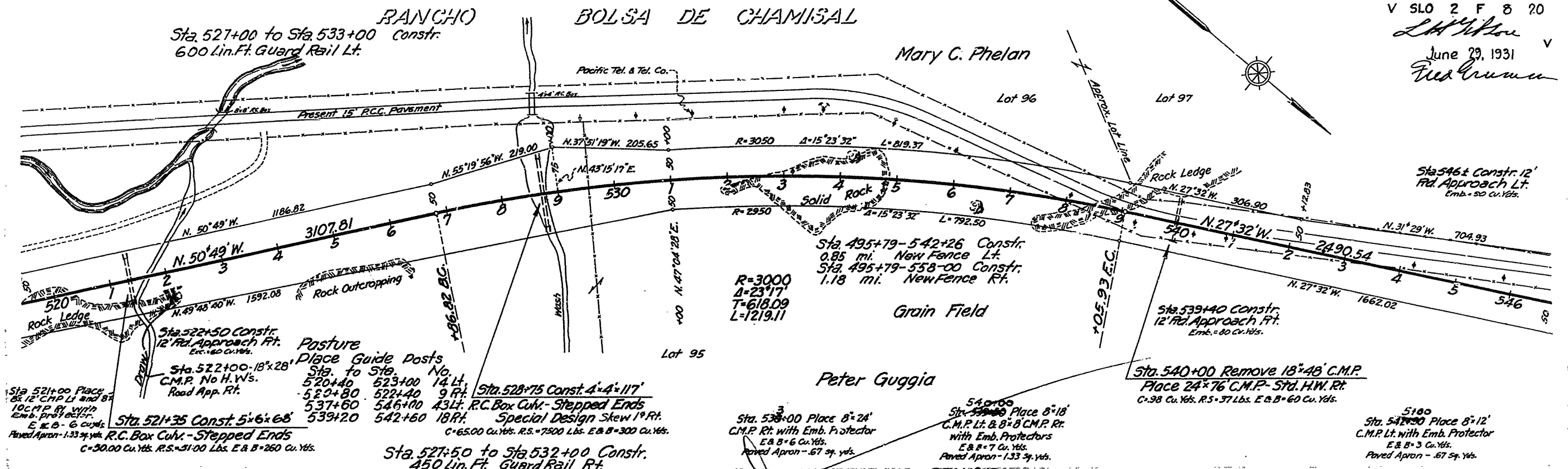


**AS BUILT PLANS**  
 Contract No. 25FC8  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-1-72 SIGNATURE Jenna E. Cant TITLE Sr. Road

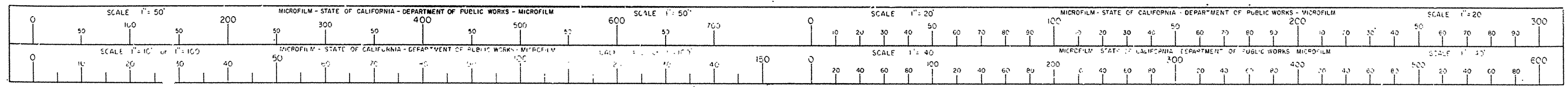


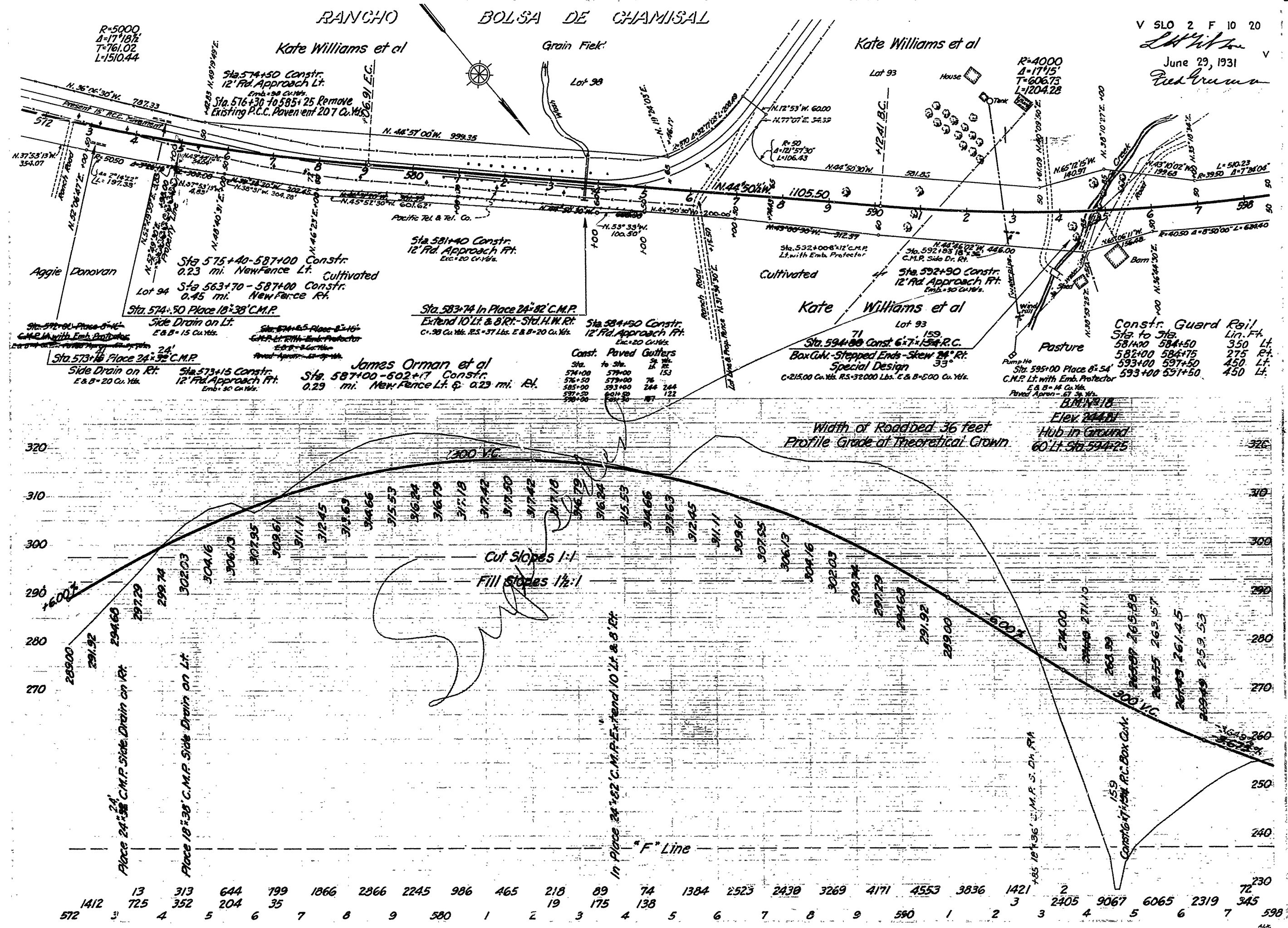
V SLO 2 F 8 20  
 L.H. Wilson  
 June 23, 1931  
 Fred Crum



**AS BUILT PLANS**  
 Contract No. 25 FCB  
 Date Completed -  
 Document No. 50001688

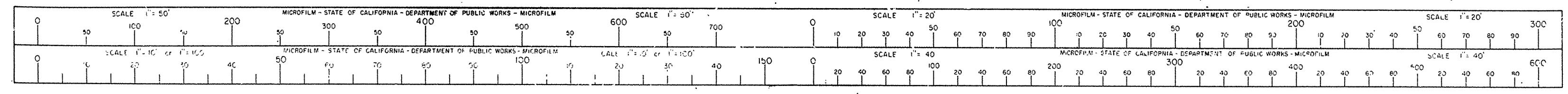
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE: James E. Cant TITLE Sr. Insp.



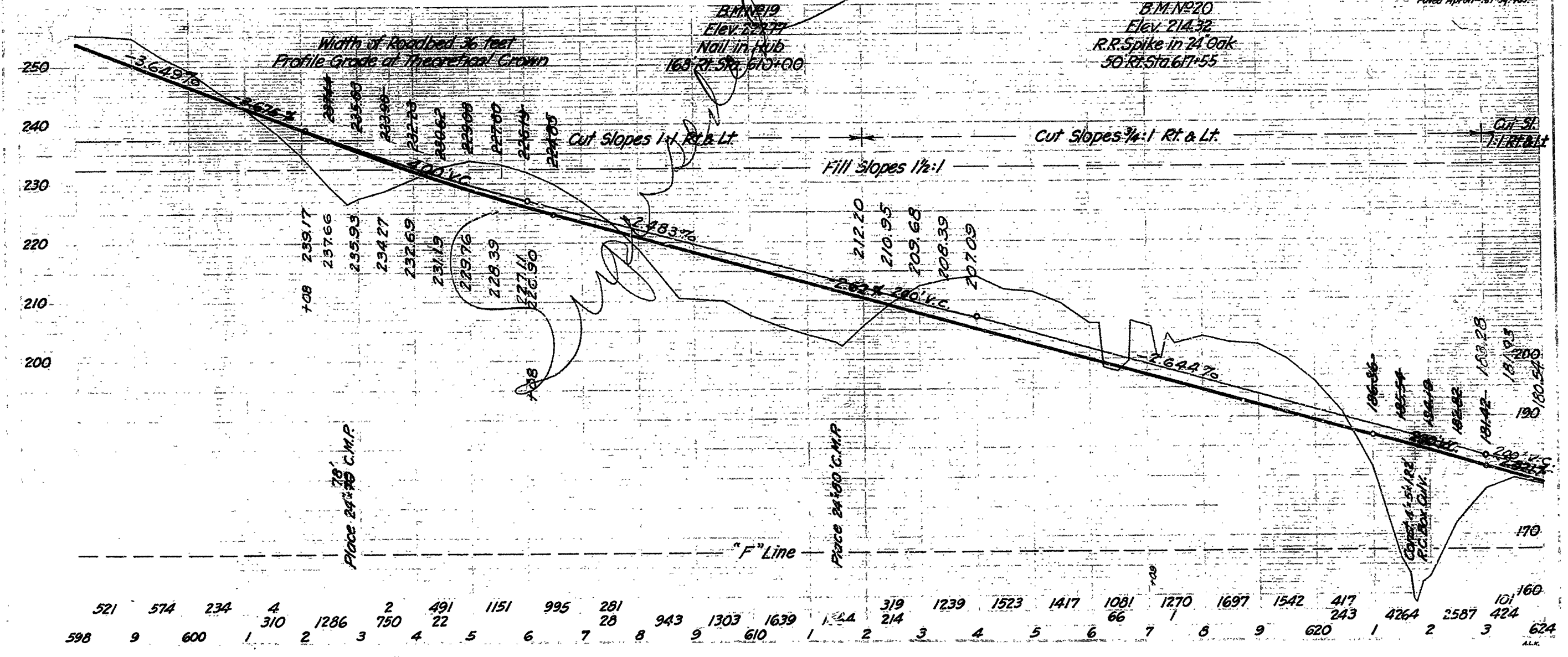
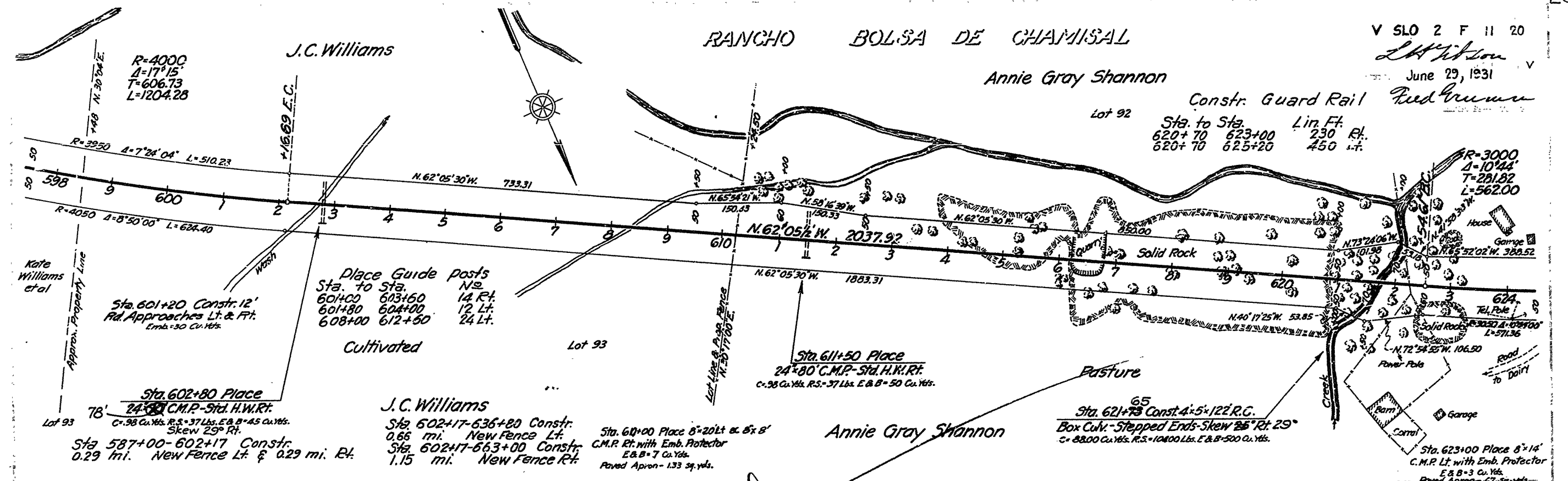


**AS BUILT PLANS**  
 Contract No. 25 FCB  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE: James E. Covert TITLE: SR. RECD

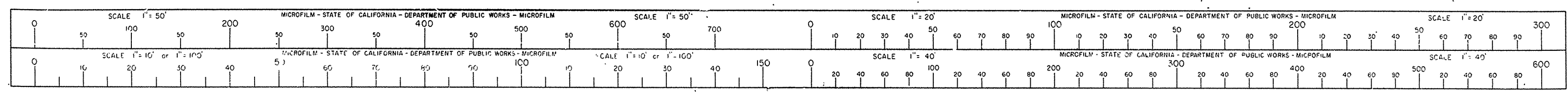


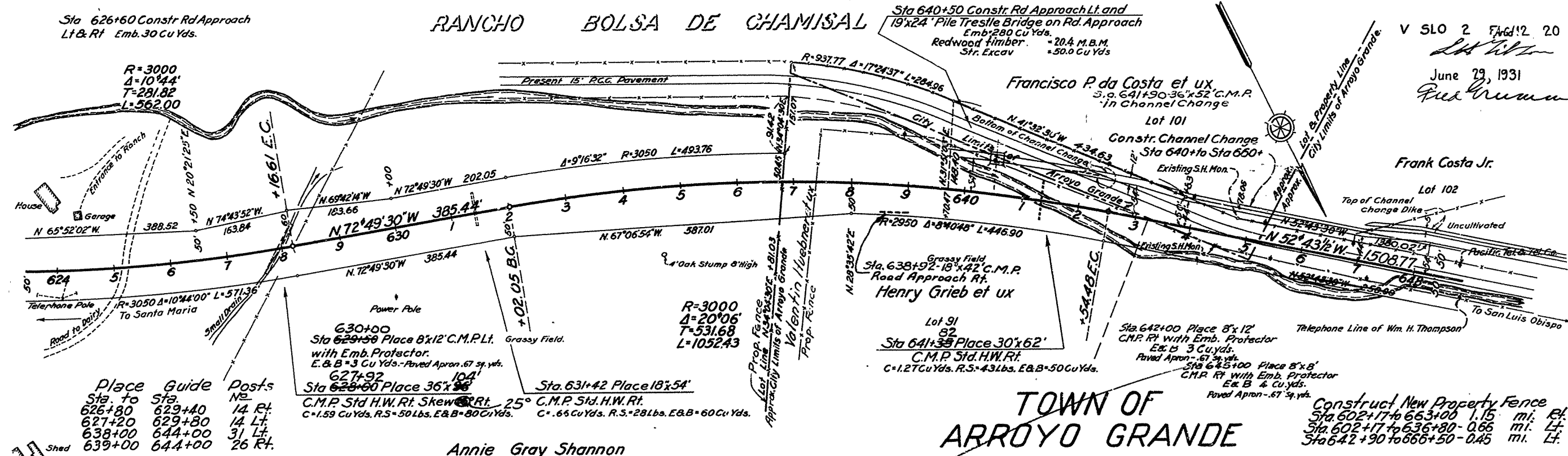




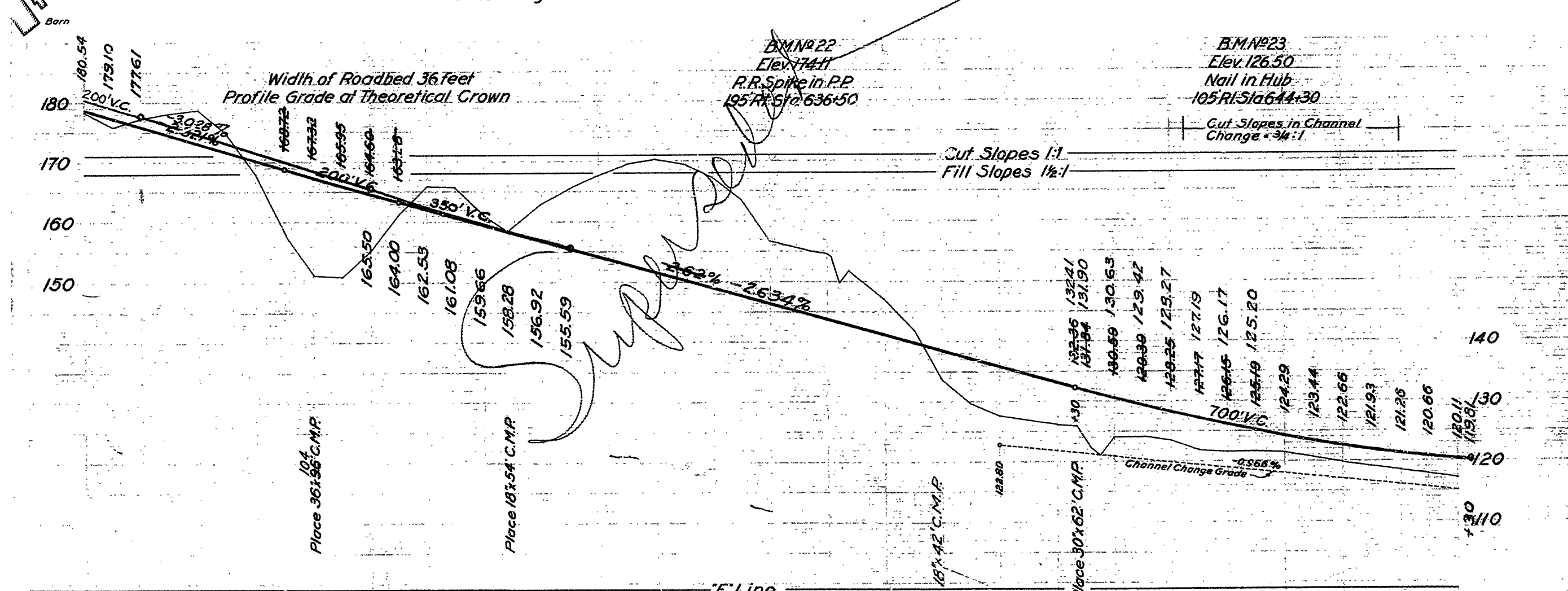
**AS BUILT PLANS**  
 Contract No. 25FC8  
 Date Completed           
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE: James E. Covert TITLE SR. Insp.





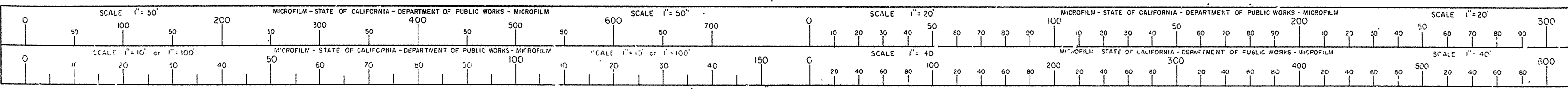
V SLO 2 Fwd 12 20  
June 29, 1931  
R. E. Brown

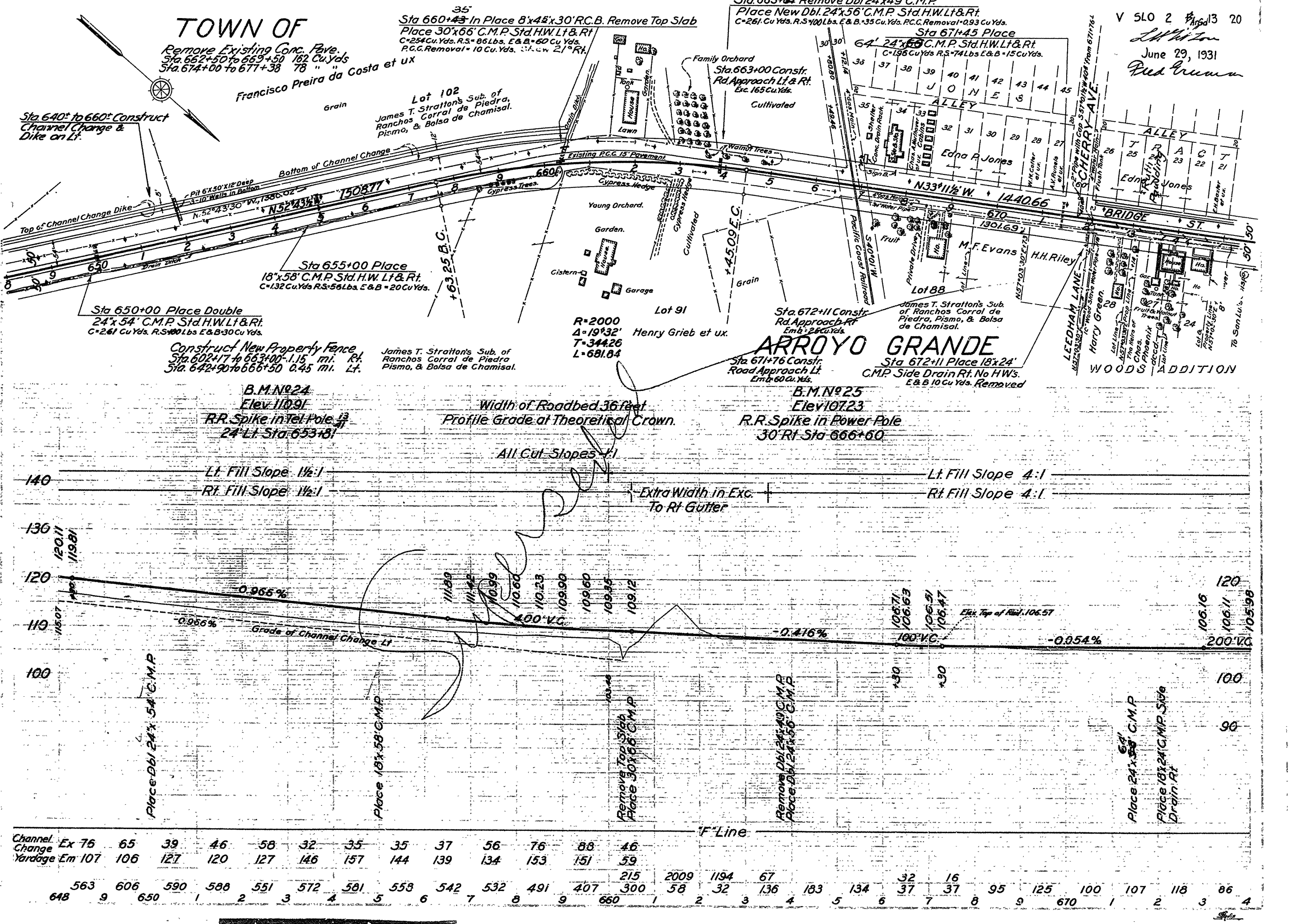


Channel Change	Exc.	243	722	523	2028	2838	174	734	507	1949	3491	4174	3181	2201	1512	511	269	1192	1440	1397	1176	859	734	88	37	182
Yardage	Emb.	391	22	64	6	7	662	630	1	2	3	4	5	6	7	8	9	640	1	2	3	4	5	6	7	648

**AS BUILT PLANS**  
Contract No. 25 FCB  
Date Completed -  
Document No. 50001688

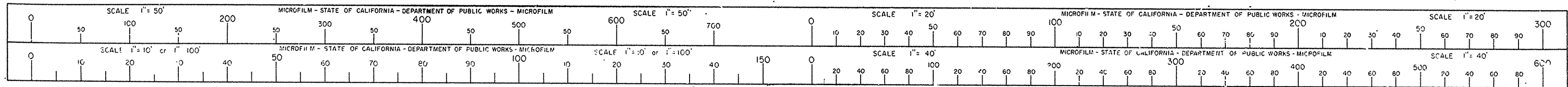
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE Henry E. Cant TITLE Sr. Eng.

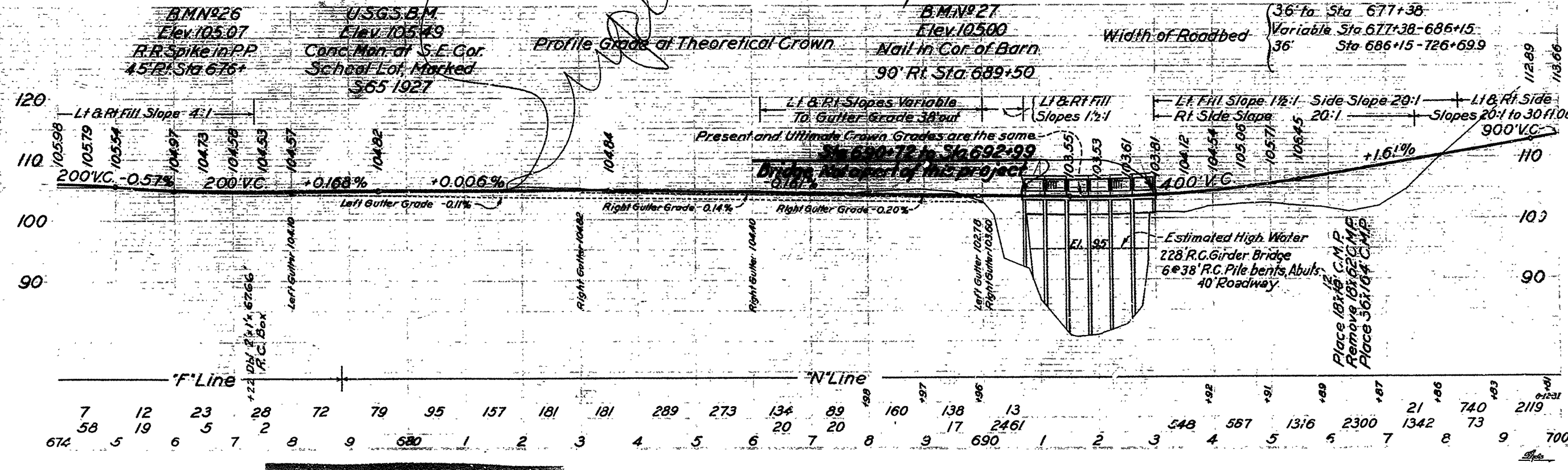
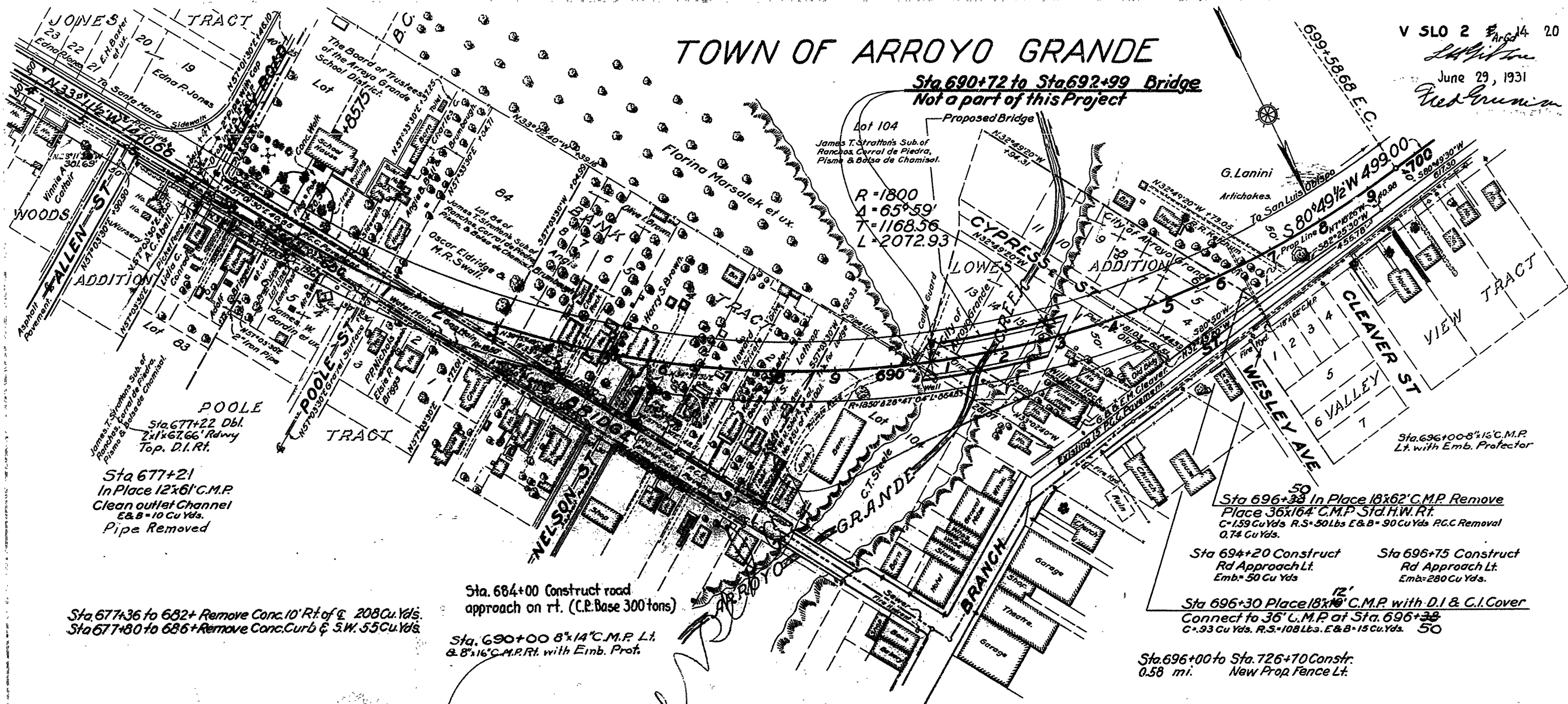




AS BUILT PLANS  
Contract No. 25FC8  
Date Completed  
Document No. 50001688

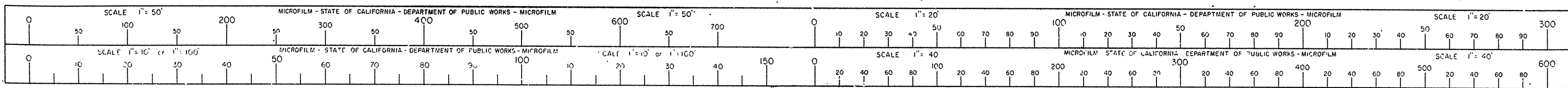
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE James E. Cant TITLE Sr. Rmn



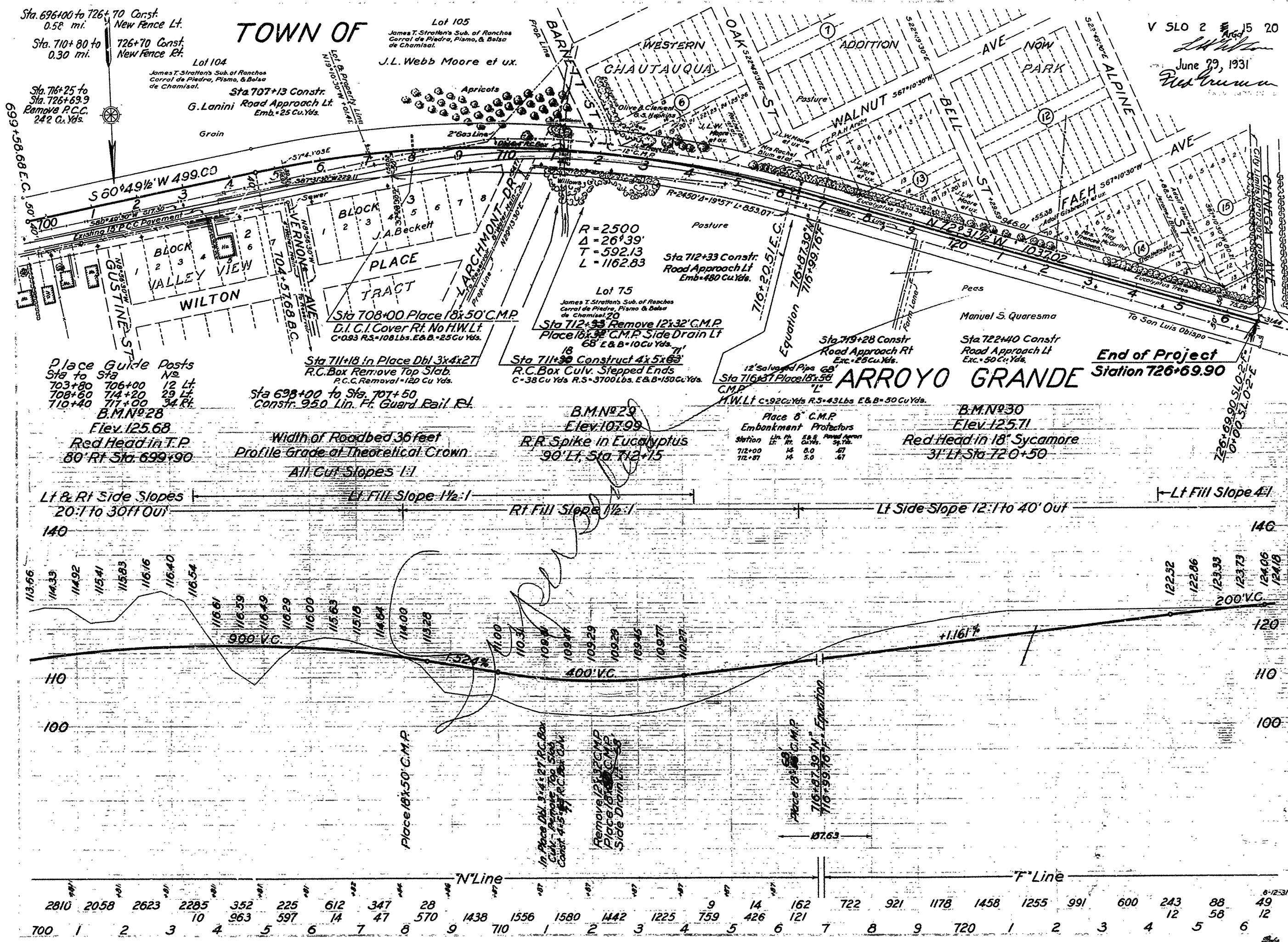


**AS BUILT PLANS**  
 Contract No. 25FC8  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE James E. Caud TITLE sr. Rmo

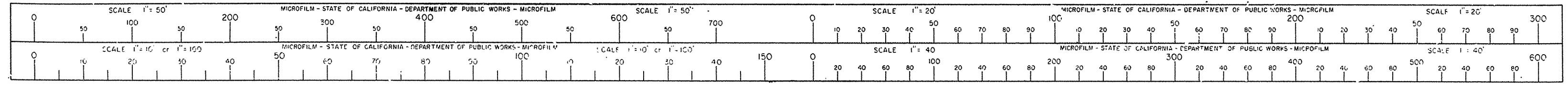


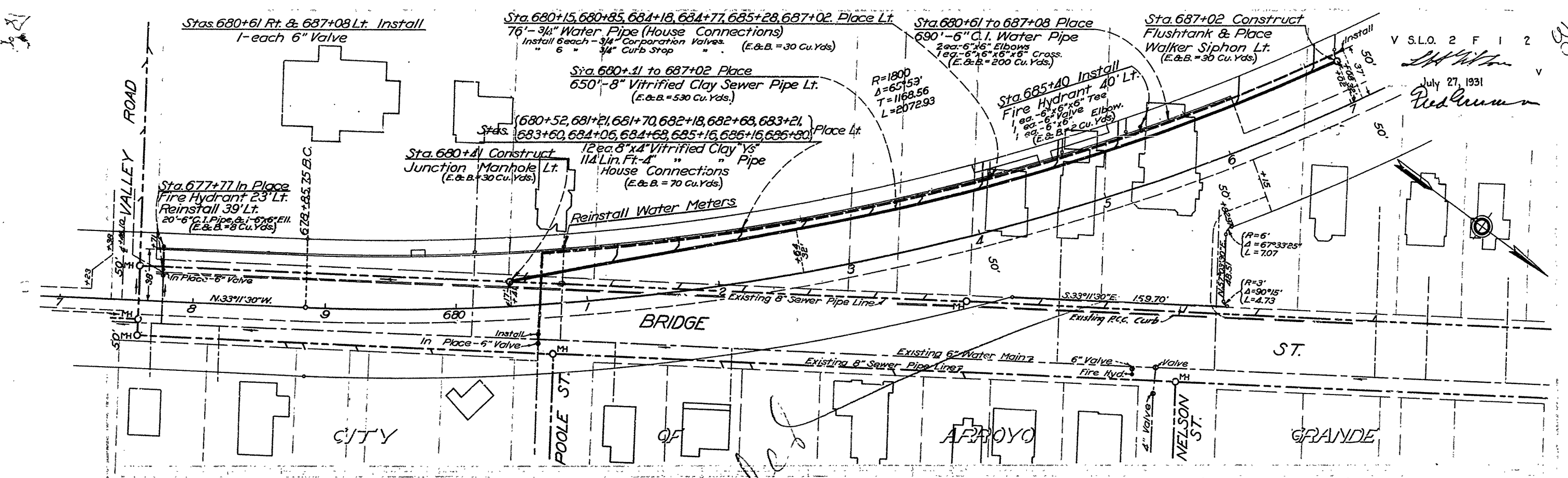
V SLO 2 15 20  
June 29, 1931  
W. J. ...



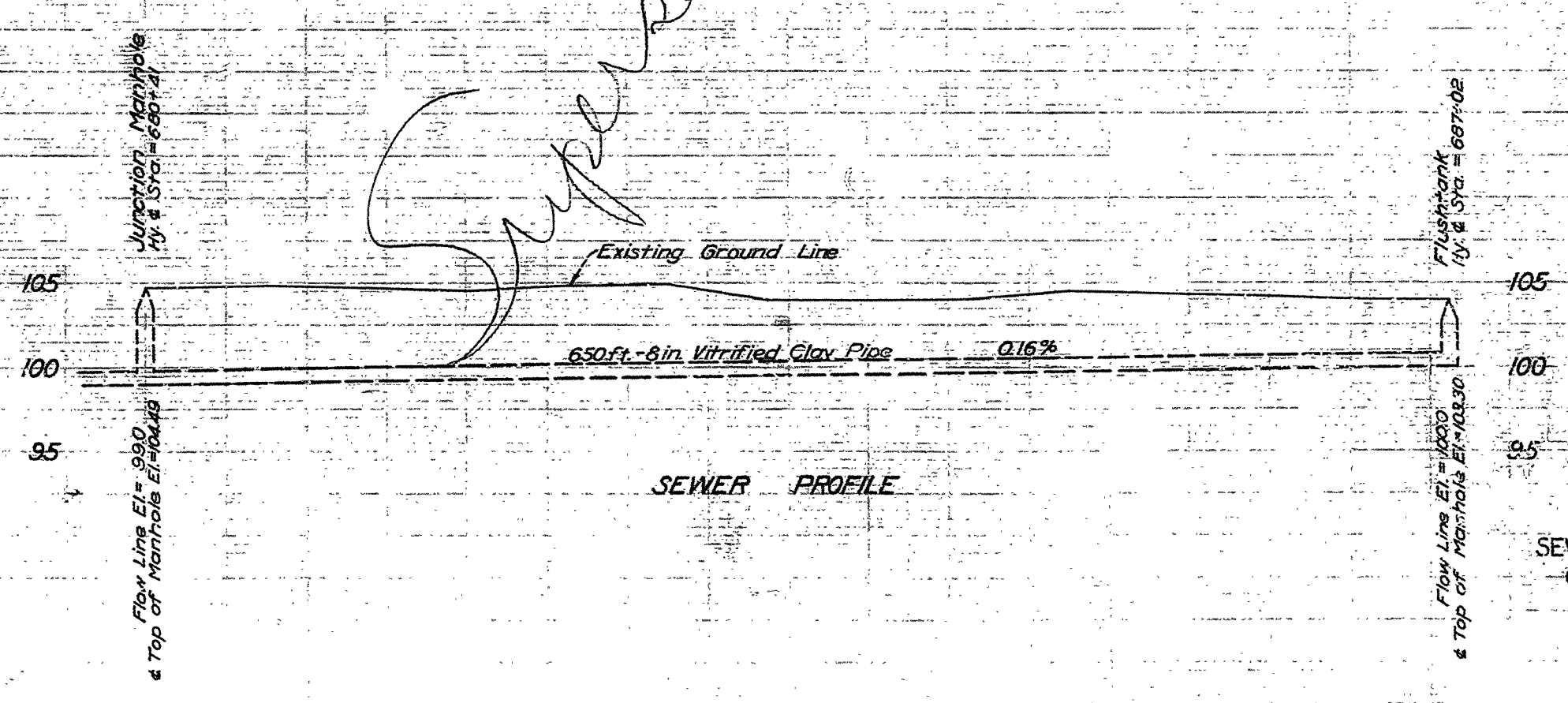
**AS BUILT PLANS**  
Contract No. 25FC8  
Date Completed \_\_\_\_\_  
Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE: Dennis E. Court TITLE Sr. Reno





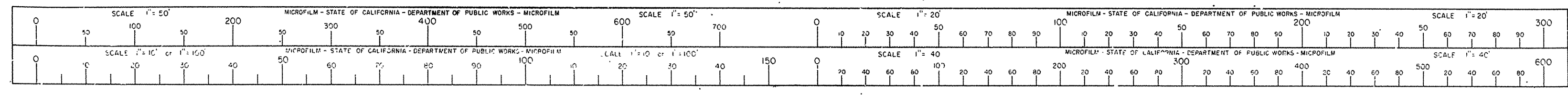
V.S.L.O. 2 F I 2  
 July 27, 1931  
 Redman



DETAILS OF PROPOSED  
 SEWER & WATER LINES,  
 CURB & SIDEWALKS  
 ARROYO GRANDE  
 Scales: Horizontal: 1 in = 40 ft.  
 Vertical: 1 in = 5 ft.  
 July 27, 1931

**AS BUILT PLANS**  
 Contract No. 25FCB  
 Date Completed -  
 Document No. 50001688

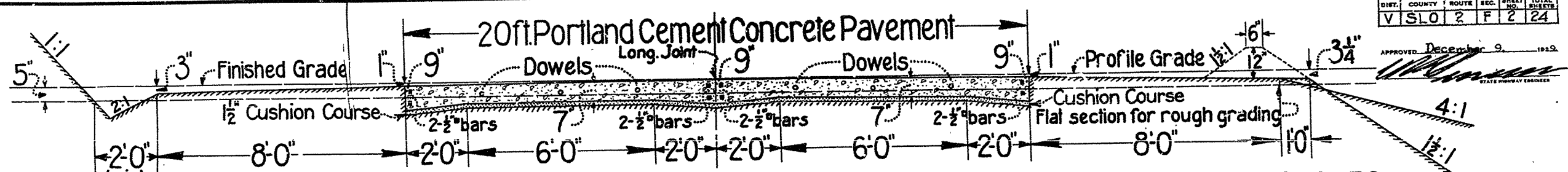
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE James E. Caud TITLE S.E. Reno



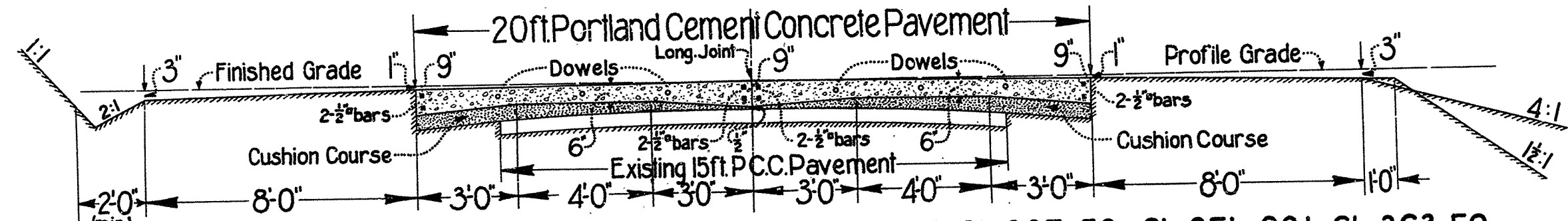
FED. ROAD DIST. NO.	STATE	FED. AID FUND. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	CAL.	25F	1950	2	24

DIST.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
V	SLO	2	F	2	24

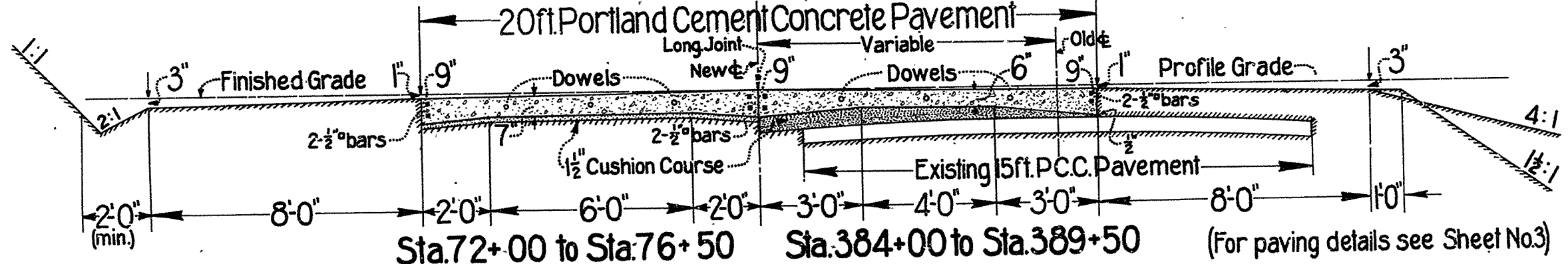
APPROVED December 9, 1949



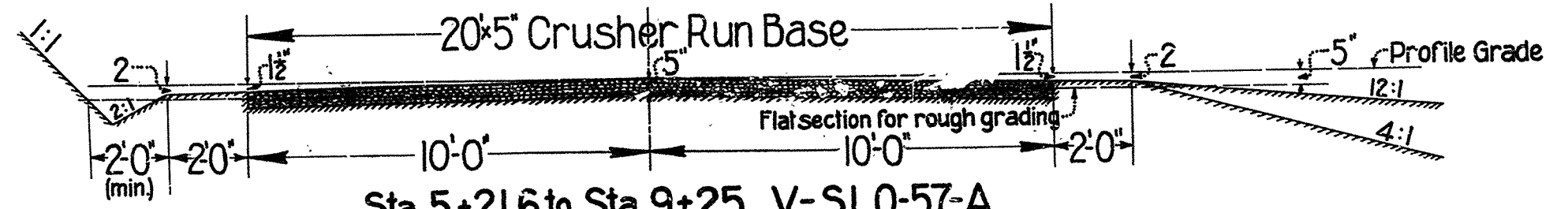
Sta. 28+59.49 to Sta. 72+00; Sta. 170+00 to Sta. 172+00; Sta. 304+50 to Sta. 329+00; Sta. 363+50 to Sta. 372+50  
 Sta. 76+50 to Sta. 163+50; Sta. 185+00 to Sta. 255+50; Sta. 335+50 to Sta. 337+00; Sta. 389+50 to Sta. 417+50  
 Sta. 271+00 to Sta. 286+50; Sta. 339+50 to Sta. 351+00;



Sta. 163+50 to Sta. 170+00; Sta. 255+50 to Sta. 271+00; Sta. 329+00 to Sta. 335+50; Sta. 351+00 to Sta. 363+50  
 Sta. 172+00 to Sta. 185+00; Sta. 286+50 to Sta. 304+50; Sta. 337+00 to Sta. 339+50; Sta. 372+50 to Sta. 384+00



Sta. 72+00 to Sta. 76+50 Sta. 384+00 to Sta. 389+50 (For paving details see Sheet No.3)



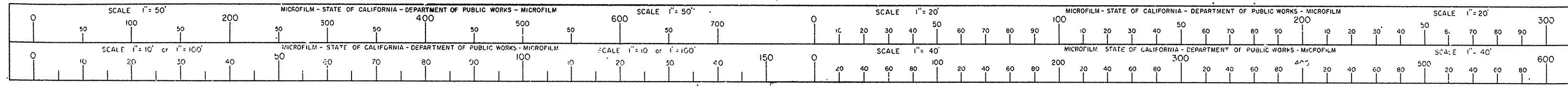
Sta. 5+21.6 to Sta. 9+25 V-SLO-57-A

Standard superelevation to be used  
**TYPICAL CROSS SECTIONS**  
 Scale: 1/2"=1'-0"

RECORDED December 7, 1949  
*James E. Cant*  
 CIVIL ENGINEER

**AS BUILT PLANS**  
 Contract No. 25FL8  
 Date Completed -  
 Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE James E. Cant TITLE SA. Reno

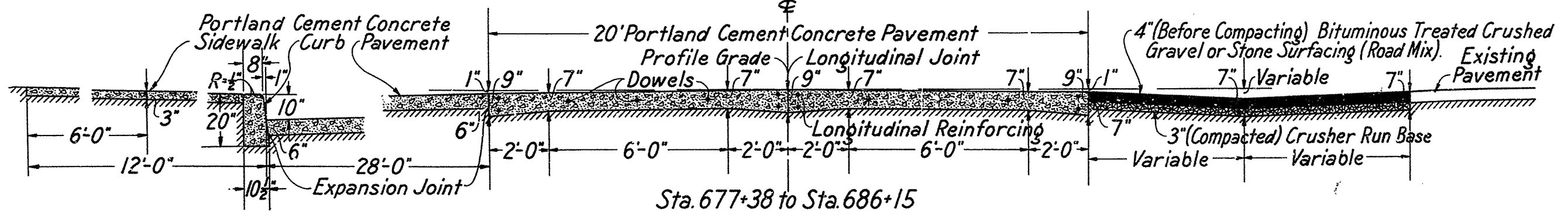
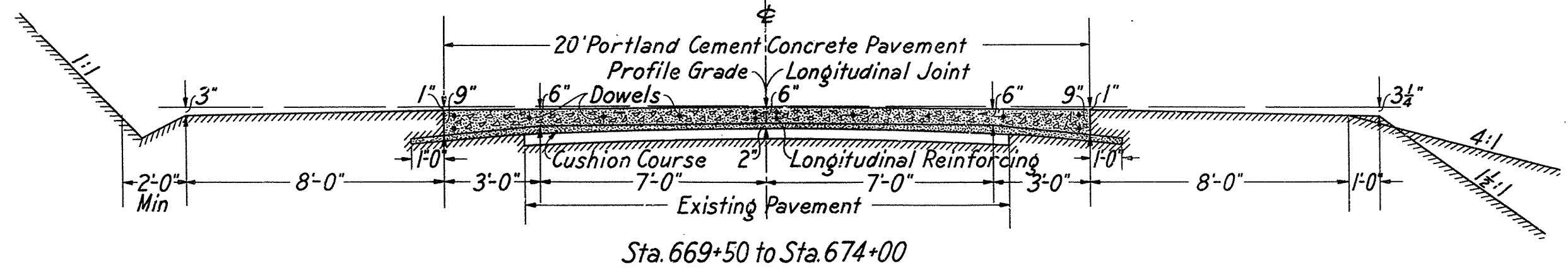
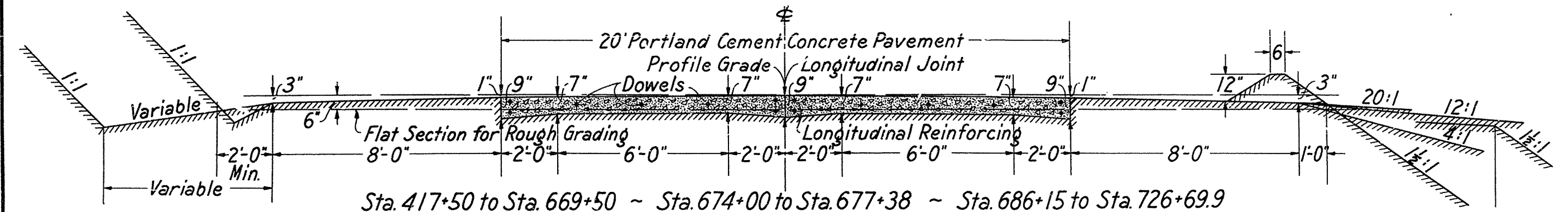


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	CAL.	25-1	1931	2	20

DIV.	COUNTY	ROUTE	SEC.	SHEET NO.	TOTAL SHEETS
V	SLO	2	F	2	20

APPROVED: June 29, 1931  
*[Signature]*



Note: For Paving Details See Sheet 3

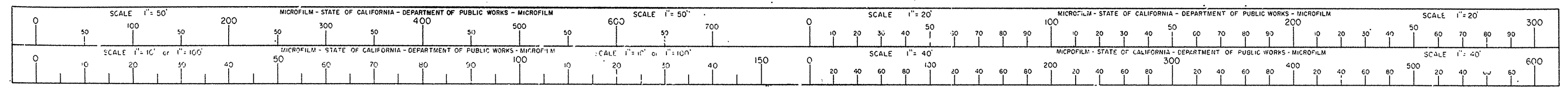
Standard Superelevation to be used.  
**TYPICAL CROSS SECTIONS**

Scale: 1/2" = 1' 0"

RECOMMENDED: June 27, 1931  
*[Signature]*  
*[Signature]*

**AS BUILT PLANS**  
 Contract No. 25FCLB  
 Date Completed -  
 Document No. 50001688

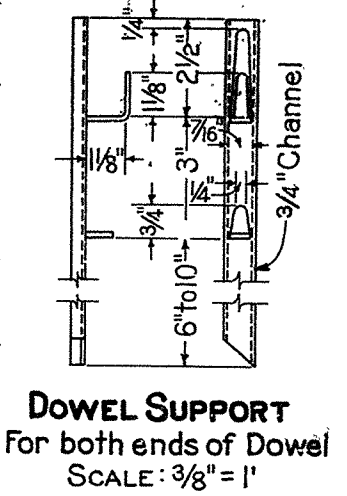
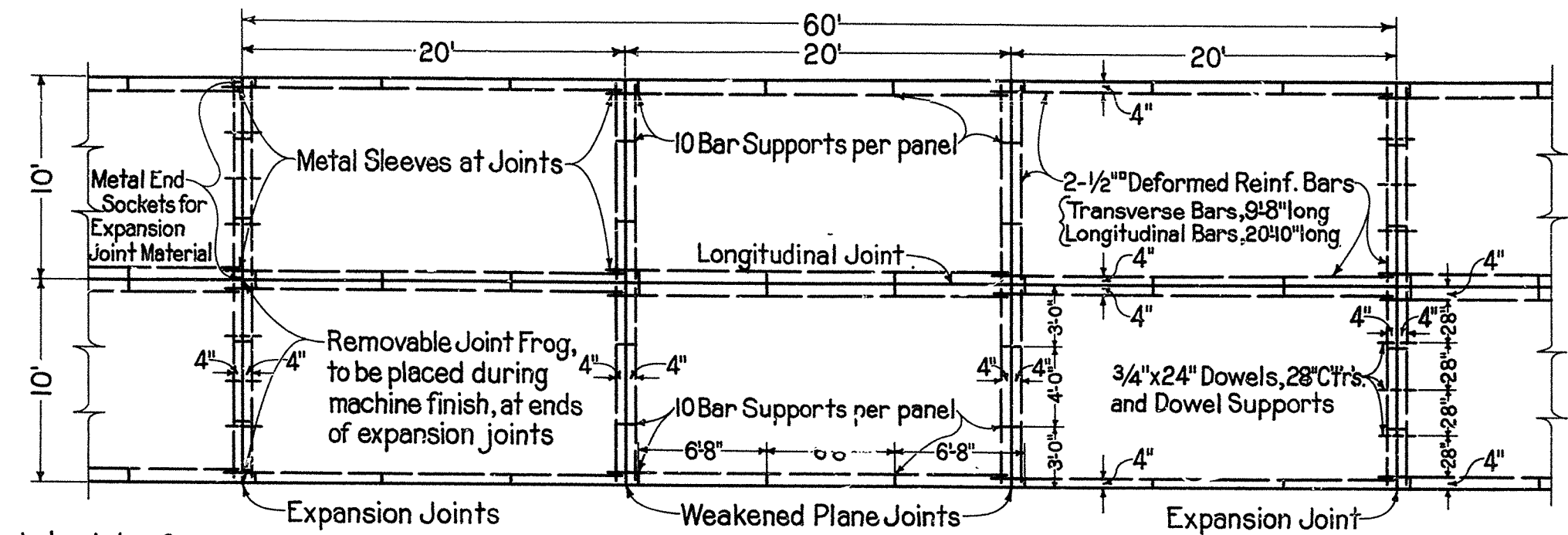
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE Johna E. Coust TITLE sr. Insp.



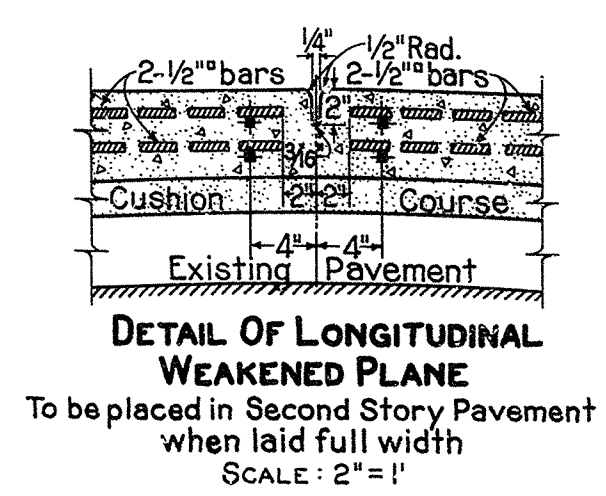
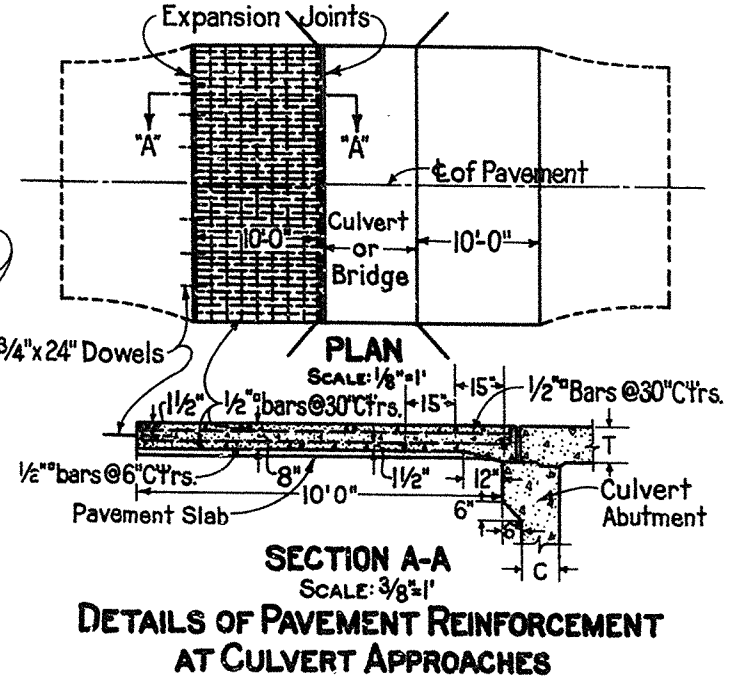
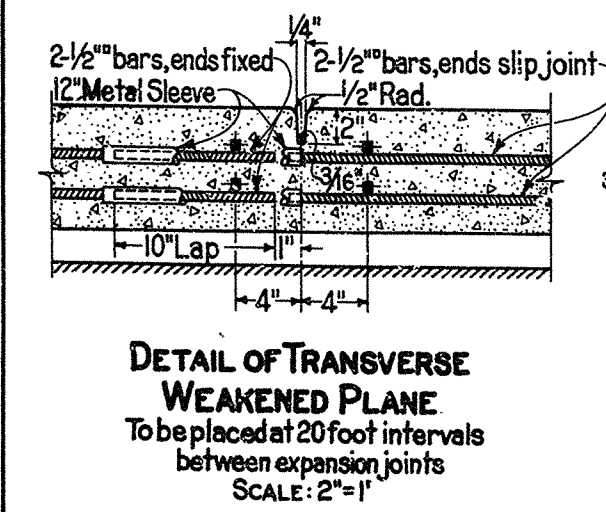
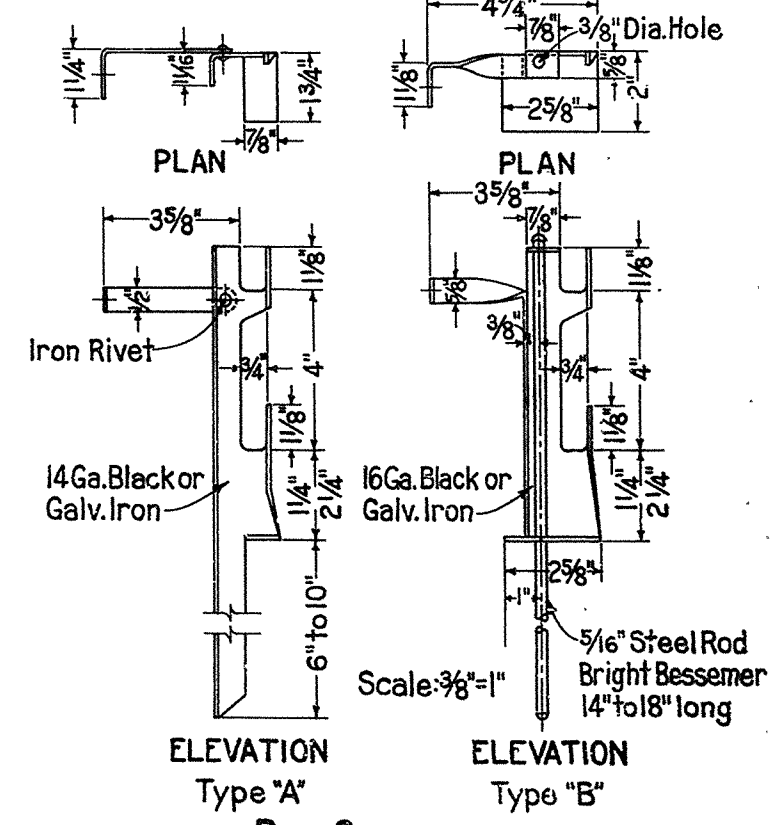
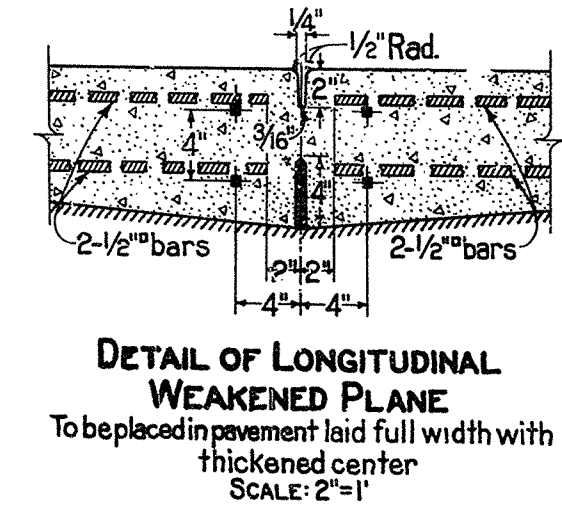
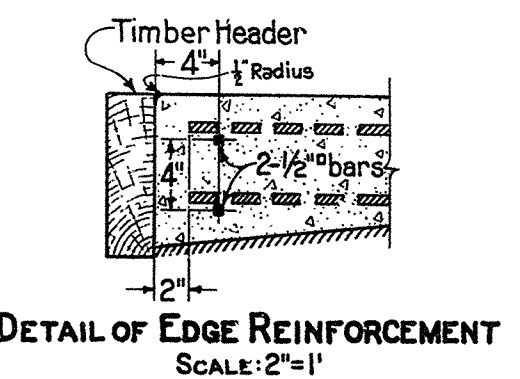
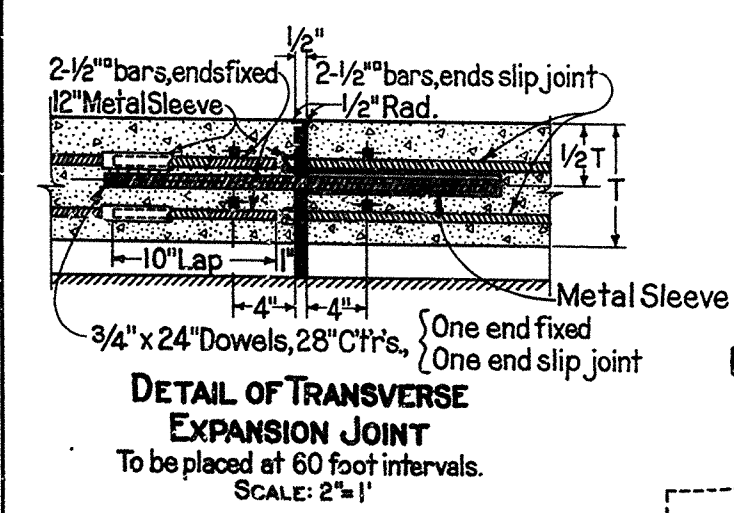


COUNTY	STATE	PROJECT	SHEET	TOTAL
2	CAL.	25-11831	3	20
DIV.	COUNTY ROUTE	SECTION	SHEET	DATE
V.I.S.O.	2 F	3	20	

June 29, 1931  
STATE HIGHWAY ENGINEER



Note:  
All bars to be wired at points of contact with 14 gauge wire.



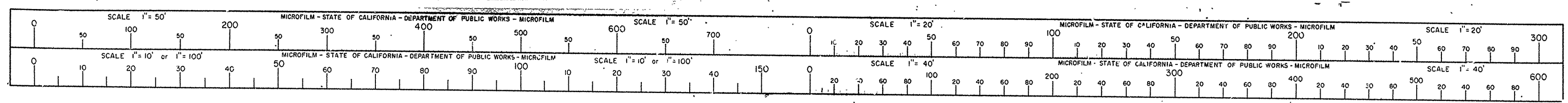
Use same design without side arms for transverse steel

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
**PAVING DETAILS**

RECOMMENDED June 27, 1931  
*Geo. W. ...*  
ENGINEER, SURVEYS AND PLANS  
*Geo. R. ...*  
ASSISTANT CONSTRUCTION ENGINEER

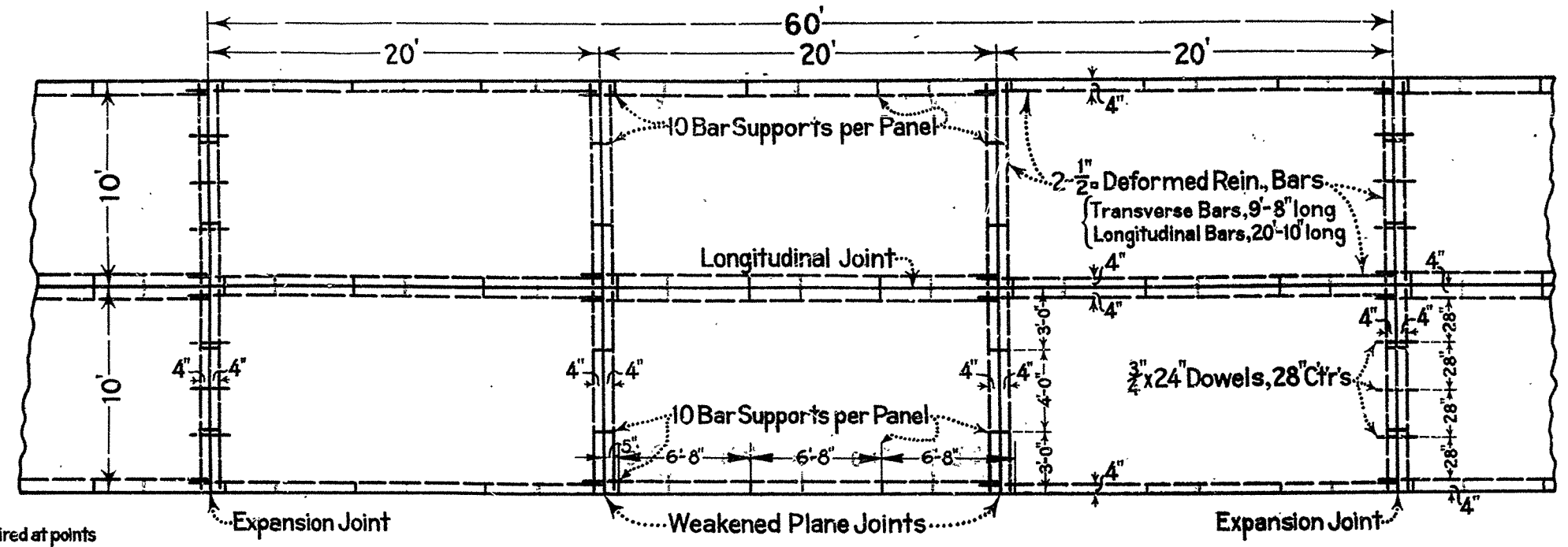
**AS BUILT PLANS**  
Contract No. 25FCB  
Date Completed -  
Document No. 50001688

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-32 SIGNATURE James E. Court TITLE SK. 1200



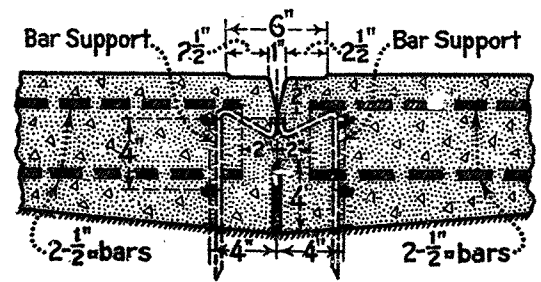
FEDERAL STATE PROJECT NO.	FEDERAL AID DISTRICT	FEDERAL AID DIVISION	FEDERAL AID PROJECT NO.
2	CALIF.	25F	1900 3 24
DIV. COUNTY ROUTE DISTRICT	SECTION	PLAN	DATE
VI 560 1 2	1-3	1271	

December 9, 1929  
*[Signature]*  
 State Highway Engineer

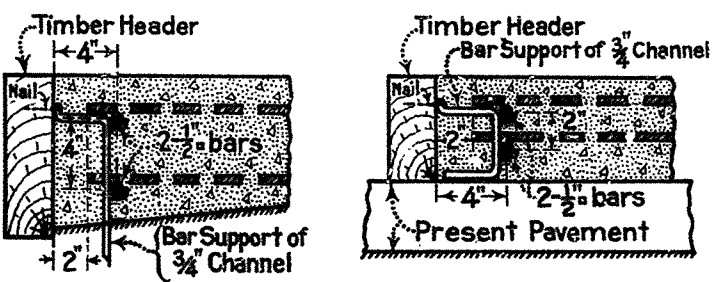


Note: All bars to be wired at points of contact with 14 gauge wire.

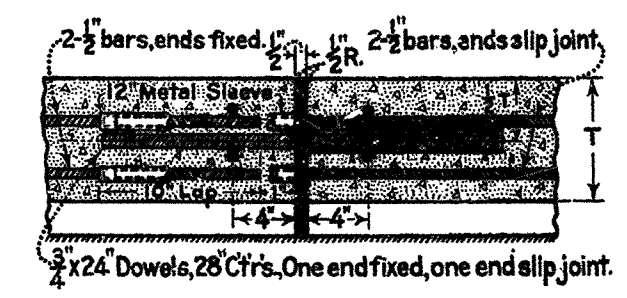
PLAN SHOWING TWO TYPICAL 10 FOOT STRIPS  
 SCALE: 1/4" = 1'



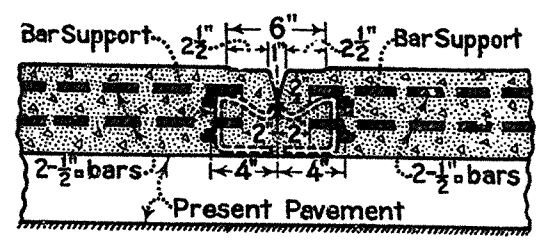
DETAIL OF LONGITUDINAL WEAKENED PLANE  
 To be placed in pavement with thickened center laid full width.  
 SCALE: 2" = 1'



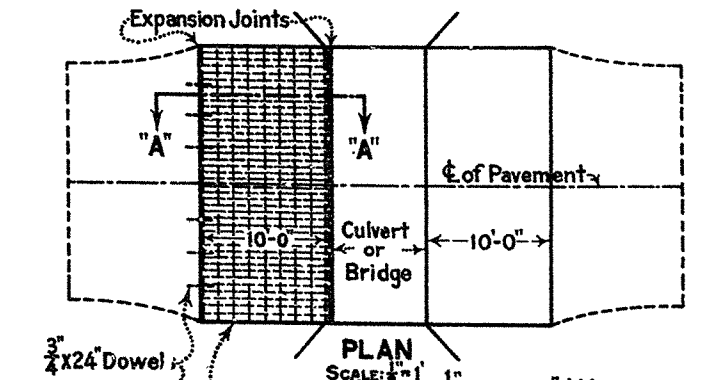
DETAIL OF EDGE REINFORCEMENT  
 SCALE: 2" = 1'



DETAIL OF TRANSVERSE EXPANSION JOINT  
 To be placed at 60 foot intervals.  
 SCALE: 2" = 1'

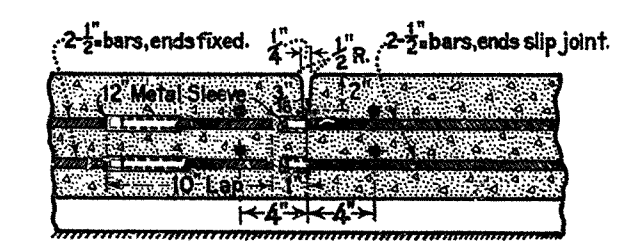


DETAIL OF LONGITUDINAL WEAKENED PLANE  
 To be placed in Second Story Pavement.  
 SCALE: 2" = 1'



PLAN  
 SCALE: 1/4" = 1'

SECTION A-A  
 SCALE: 3/8" = 1'  
 DETAILS OF PAVEMENT REINFORCEMENT AT CULVERT APPROACHES



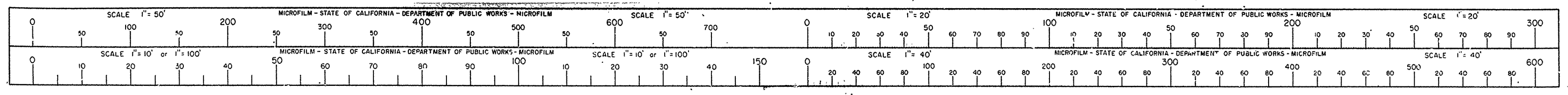
DETAIL OF TRANSVERSE WEAKENED PLANE  
 To be placed at 20 foot intervals between expansion joints.  
 SCALE: 2" = 1'

STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
**PAVING DETAILS**

December 7, 1929  
*[Signature]*  
 State Highway Engineer

**AS BUILT PLANS**  
 Contract No. 25FL8  
 Date Completed -  
 Document No. 50001688

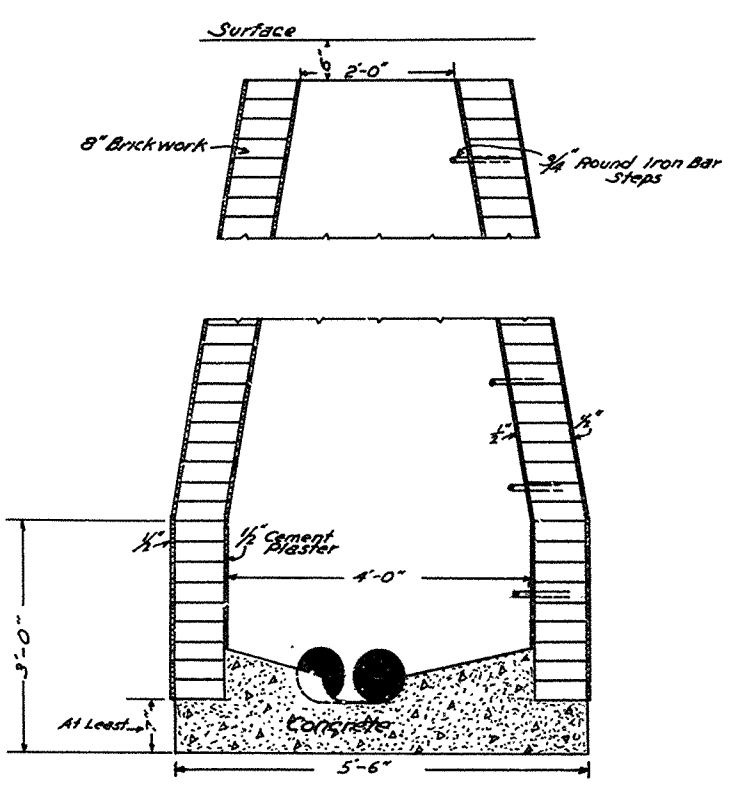
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
 DATE 12-5-72 SIGNATURE Diana E. Covert TITLE SR. RMA



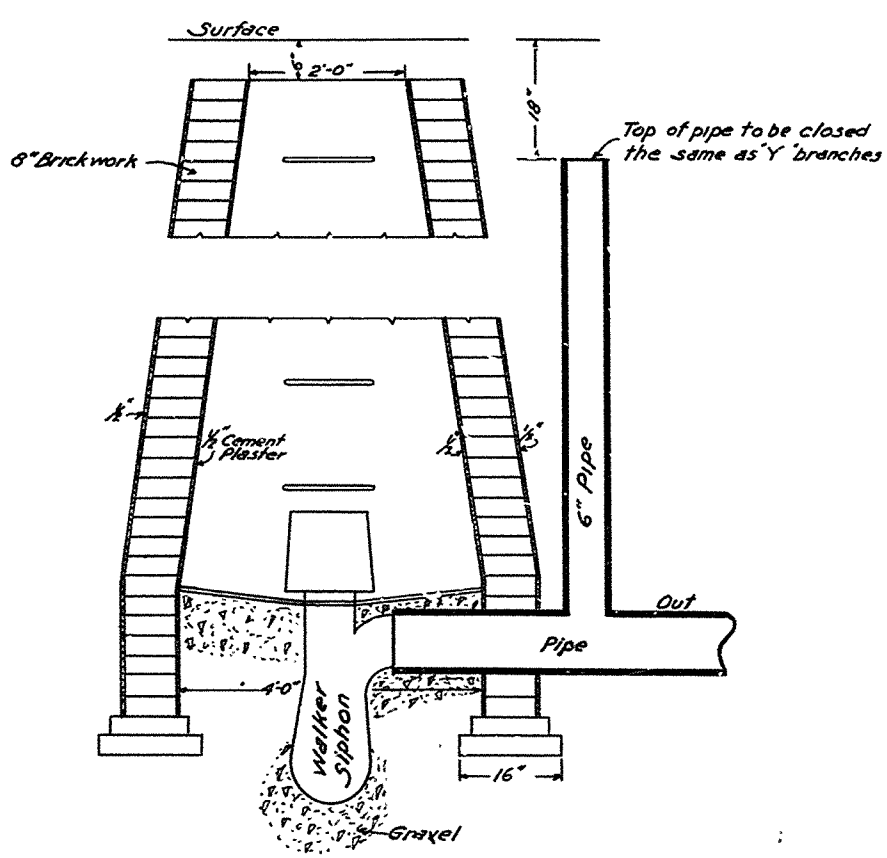
DIST.	COUNTY	ROUTE	POST MILE	SHEET NO.	TOTAL SHEETS
V	SLO	2	F	2	2

Approved July 21, 1931

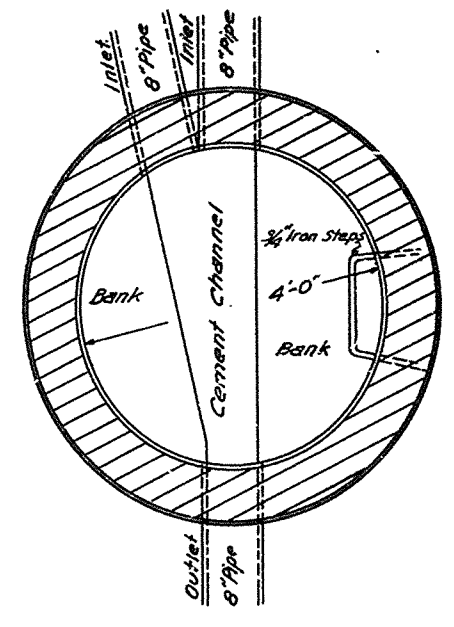
STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
  
PLANS OF PROPOSED  
MANHOLE AND FLUSHTANK  
ARROYO GRANDE  
V-SLO-2-F



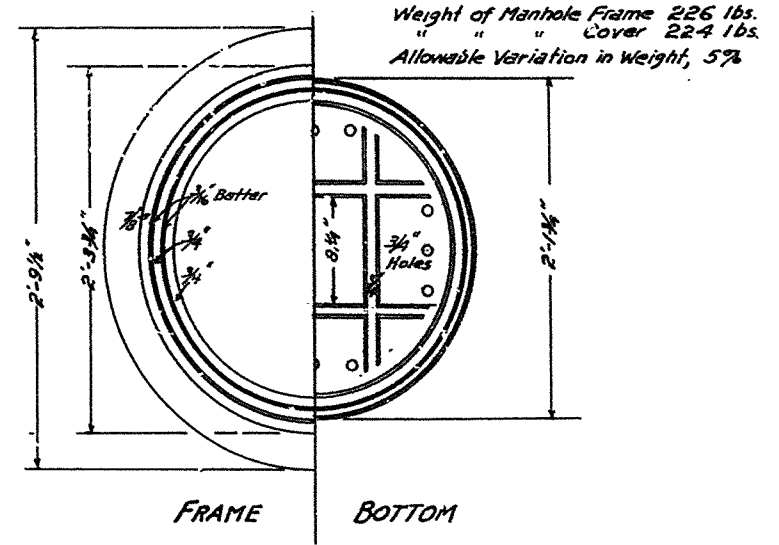
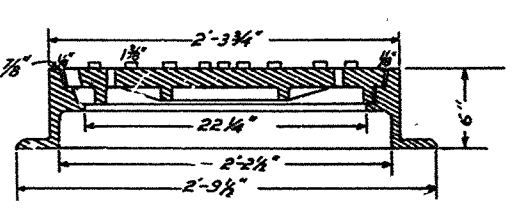
JUNCTION MANHOLE  
Scale 1"=3/4'



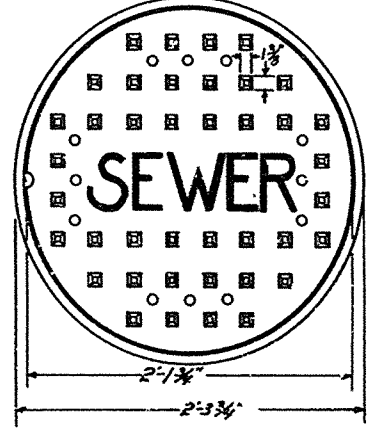
SECTION OF FLUSHTANK  
Scale 1"=3/4'



SECTIONAL PLAN OF MANHOLE  
Scale 1"=3/4'



CAST IRON  
MANHOLE AND FLUSHTANK COVER  
Scale 1"=1/2'

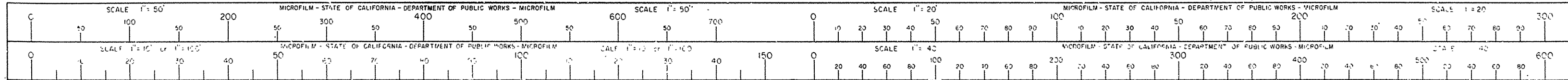


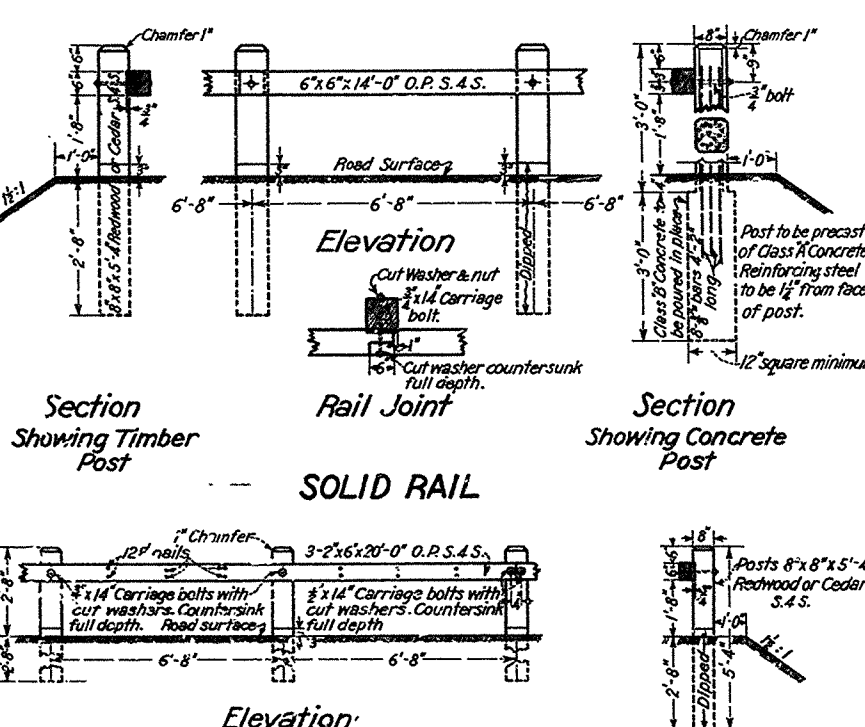
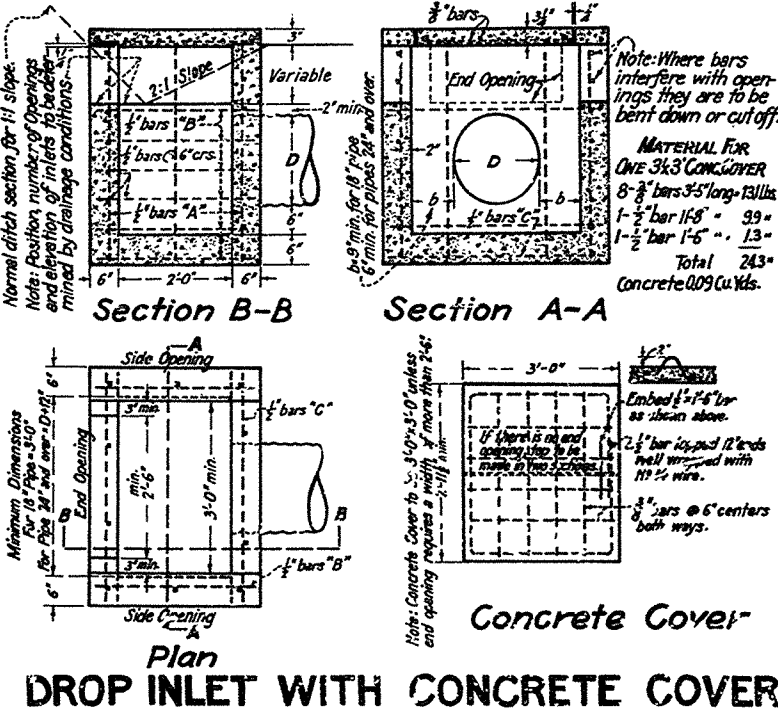
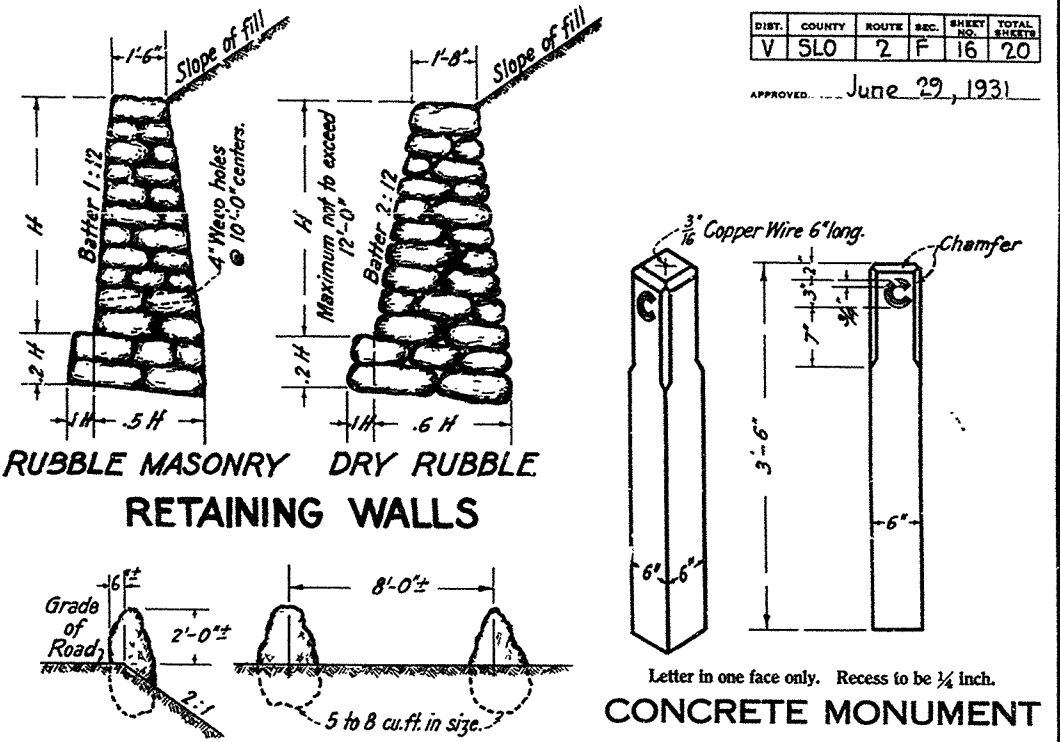
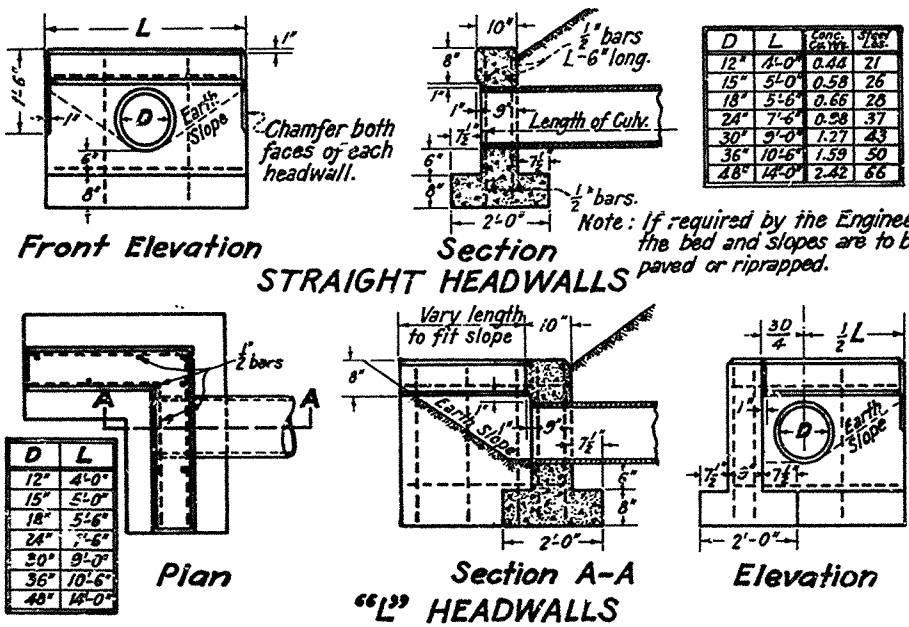
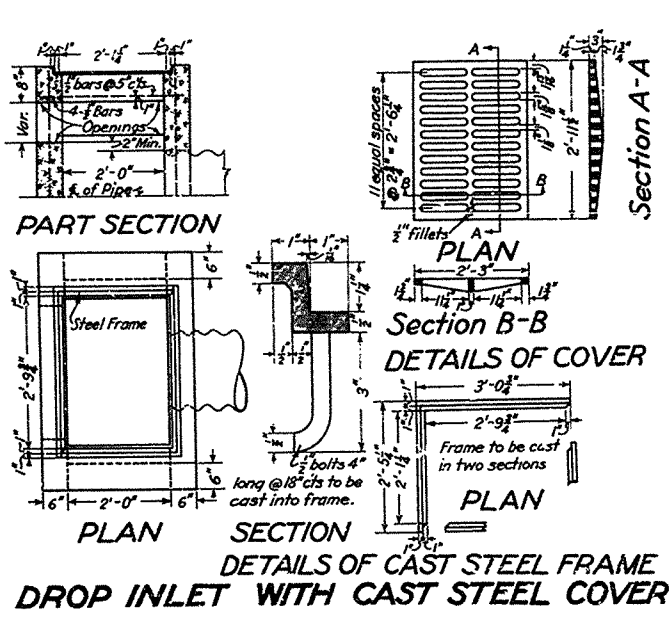
PLAN - TOP OF COVER  
Scale 1"=1/2'

Weight of Manhole Frame 226 lbs.  
Cover 224 lbs.  
Allowable Variation in Weight, 5%

AS BUILT PLANS  
Contract No. 25 FCB  
Date Completed -  
Document No. 50001688

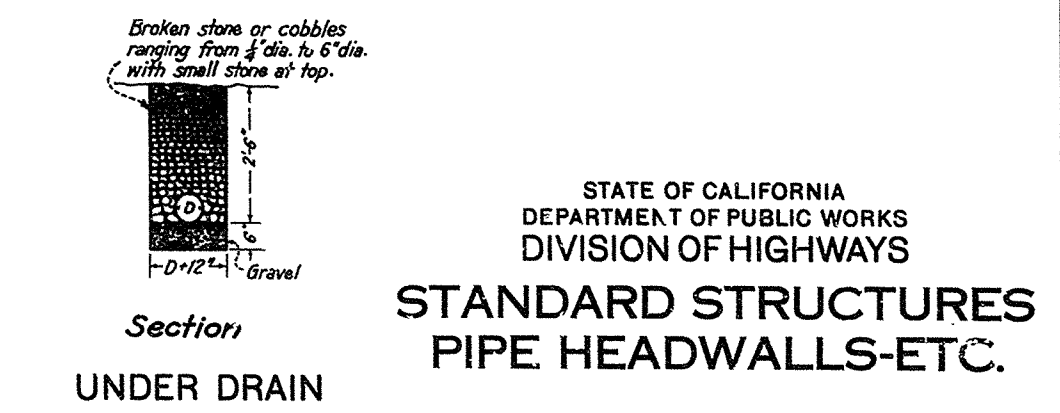
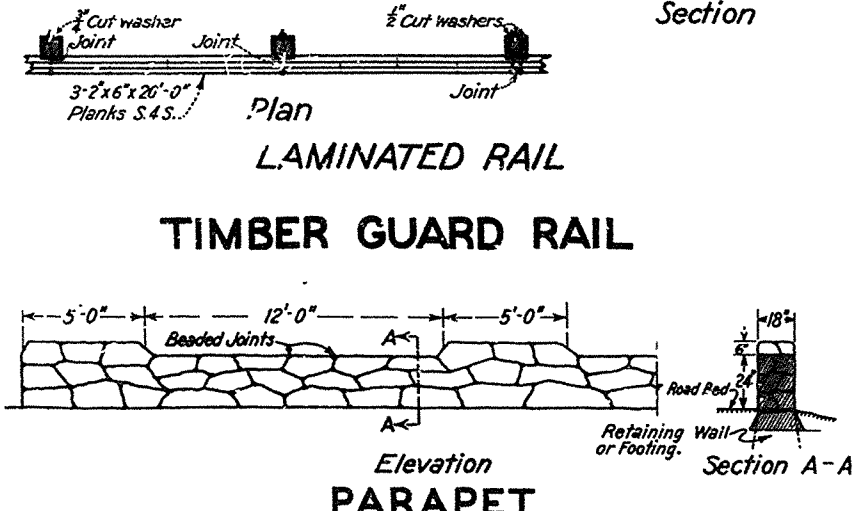
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DATE 12-5-72 SIGNATURE: James E. Covert TITLE Sr. Pemo





**CONCRETE AND STEEL IN BOX**

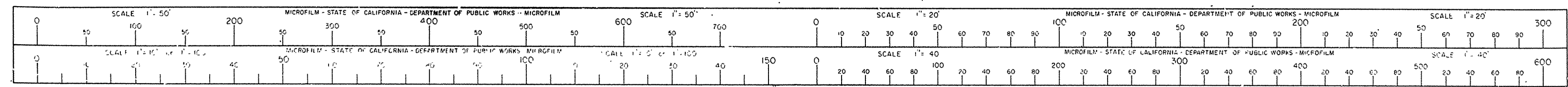
Size of Pipe D	Inside Dimension of Box	Outside Dimension of Box	Concrete Cu Yds	Steel & Bars		
				Weight	Length	
18"	2'-0" x 3'-0"	3'-0" x 4'-0"	0.93	A	10 3'-9"	29.1
				B	16 2'-9"	37.4
				C	13 3'-9"	41.5
24"	2'-0" x 3'-0"	3'-0" x 4'-0"	1.12	A	10 4'-9"	37.6
				B	20 2'-9"	46.8
				C	16 3'-9"	51.0
30"	2'-0" x 3'-6"	3'-0" x 4'-6"	1.33	A	10 4'-11"	41.8
				B	22 2'-9"	51.5
				C	17 4'-3"	61.4
36"	2'-0" x 4'-0"	3'-0" x 5'-0"	1.68	A	11 5'-11"	55.4
				B	26 2'-9"	60.8
				C	19 4'-9"	76.7

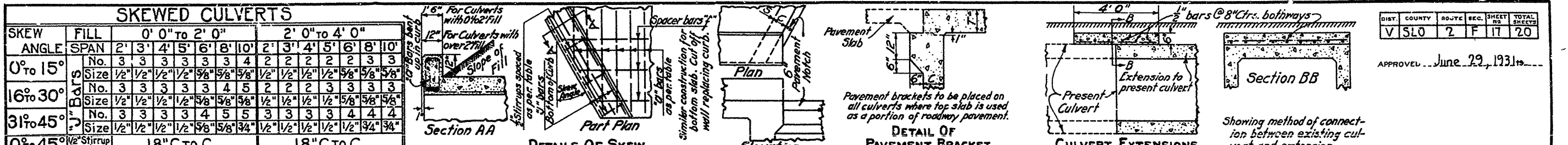


STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
**STANDARD STRUCTURES  
PIPE HEADWALLS-ETC.**

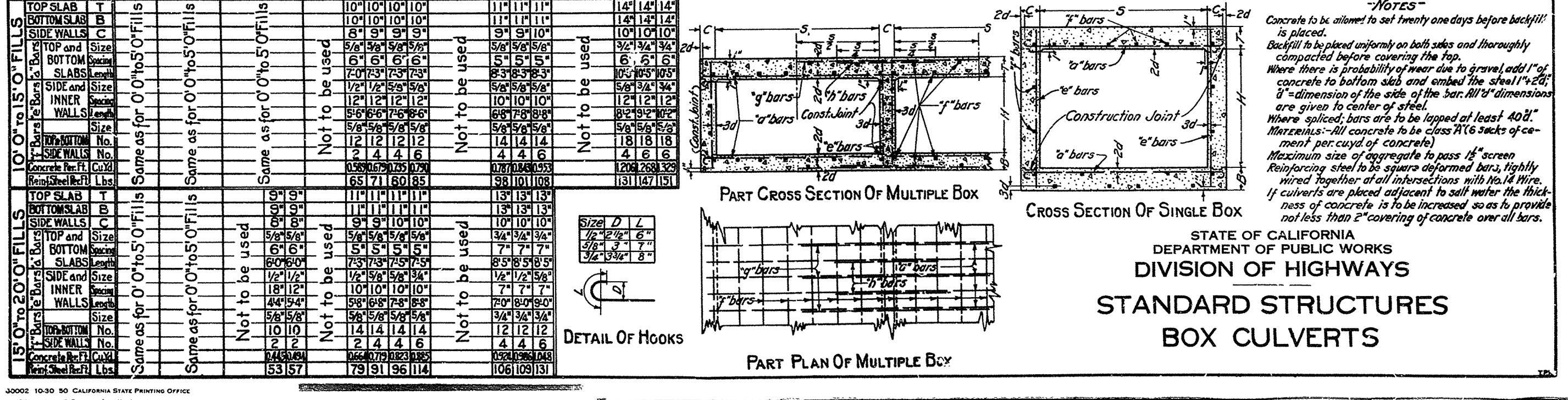
**AS BUILT PLANS**  
Contract No. 25FEB  
Date Completed -  
Document No. 50001688

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DATE 12-5-72 SIGNATURE: James E. Court TITLE SR. RMO



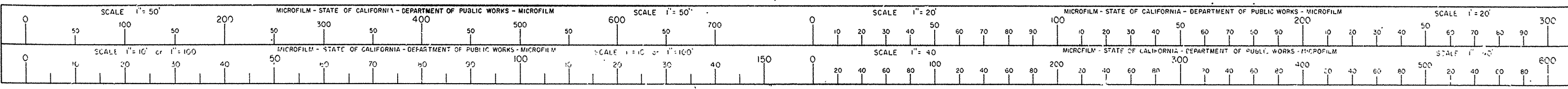


SPAN	HEIGHT	SINGLE BOX								DOUBLE BOX								TRIPLE BOX							
		2'	3'	4'	5'	6'	8'	10'	12'	4'	5'	6'	8'	10'	12'	4'	5'	6'	8'	10'	12'				
TOP SLAB	T	6"	6"	7"	7"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"	8"				
BOTTOM SLAB	B	6"	6"	6"	6"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"				
SIDE WALLS	C	6"	6"	6"	6"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"	7"				
TOP and BOTTOM SLABS	Size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"				
Length	L	38"	38"	48"	48"	50"	50"	60"	60"	70"	70"	70"	70"	80"	80"	90"	90"	90"	90"	100"	100"				
INNER WALLS	Size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"				
Length	L	18"	18"	20"	20"	20"	20"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"				
Concrete Ref. Ft.	Co. Yd.	0.67	0.85	0.76	0.75	0.72	0.72	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70				
Rein. Steel Ref. Ft.	Rein. Steel Ref. Lbs.	13	13	21	21	27	30	30	36	42	46	44	45	55	68	47	53	51	51	61	74				

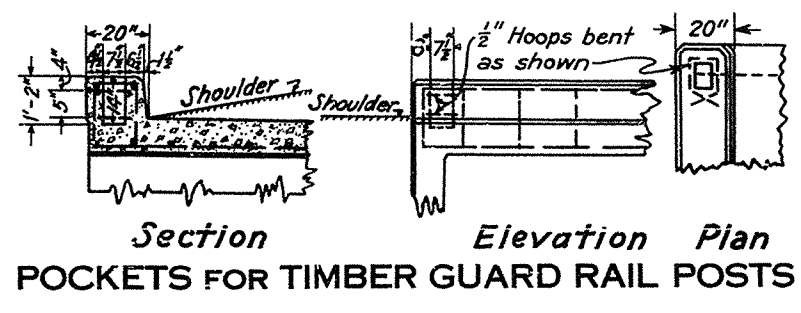


**AS BUILT PLANS**  
 Contract No. 25FLB  
 Date Completed -  
 Document No. 50001688

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 DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Reva



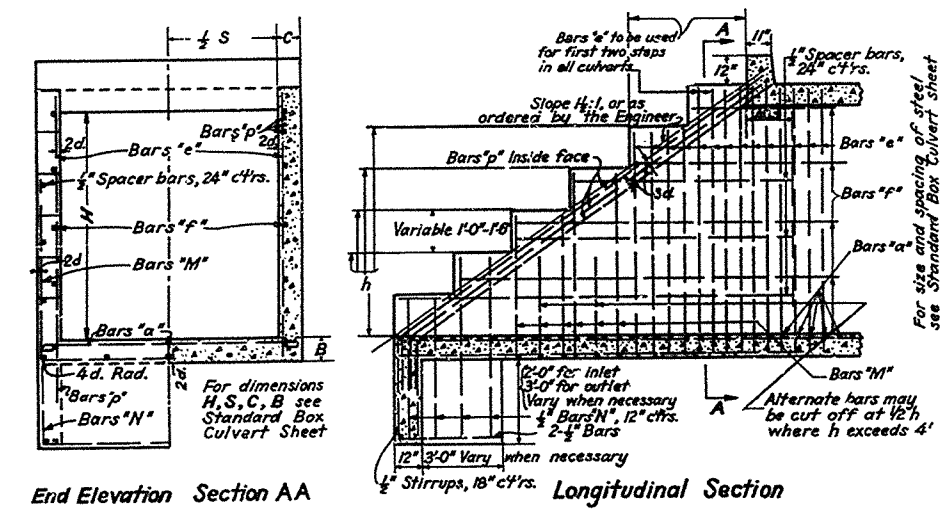
APPROVED June 29, 1931



Section Elevation Plan  
POCKETS FOR TIMBER GUARD RAIL POSTS

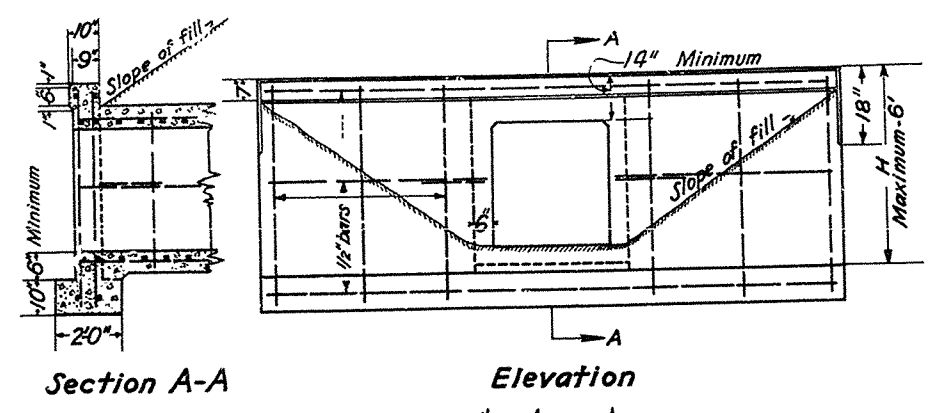
Height h	Bars "M" Size Spc.	Bars "p" No. Size
2'-0"	1/2" 12"	2 1/2"
3'-0"	1/2" 12"	2 5/8"
4'-0"	1/2" 8"	2 5/8"
5'-0"	3/8" 10"	3 5/8"
6'-0"	3/8" 9"	3 5/8"
7'-0"	5/8" 8"	3 3/4"
8'-0"	5/8" 7"	3 3/4"
10'-0"	3/8" 6"	3 7/8"

TABLE OF REINFORCING STEEL  
STEPPED WINGWALL

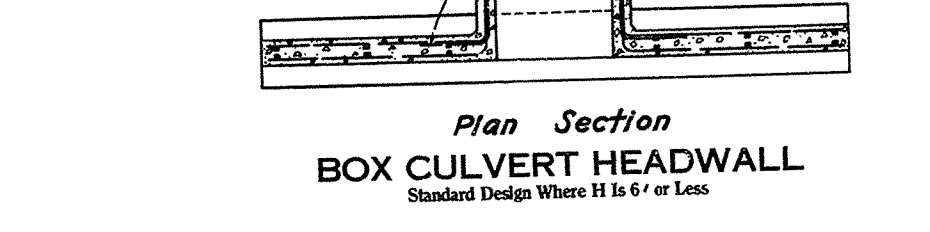


End Elevation Section AA Longitudinal Section  
STEPPED WINGWALL  
For use where future extension of culvert may be necessary

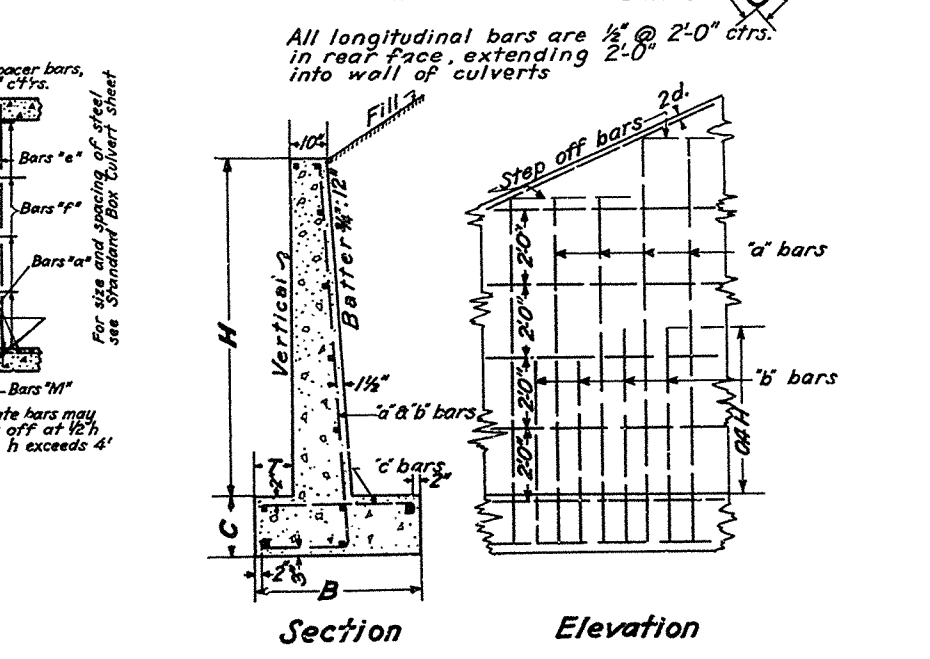
All concrete to be Class A (6 sacks cement per cu. yd. of concrete).  
All exposed edges to be chamfered 1".  
Reinforcing steel to be square deformed bars, tightly wired together at all intersections with No. 14 wire.  
Splices to be at least 40 diameters.  
All dimensions to steel given to center line of bar.  
Maximum size of aggregate to pass 1 1/2" screen.  
Depth of walls to be determined by the Engineer in the field.  
It is preferable to use box culvert headwalls where wing height is 6' or less.  
Calculate length so that toe of fill will not come closer than 6" from edge of box.  
On larger culverts, lay out wings at angles suitable to conditions, slope top of wings to conform to slope of fill and make of such length that fill around end of wing will come not closer than one ft. from edge of box produced.  
Stepped wingwalls should be used where it is desired to provide for future extension of culvert.  
For dimensions, size of steel and spacing of steel see table. Steel may be stepped off in spaces of approximately 2 ft., as shown.  
Concrete to be allowed to set 21 days before backfill is placed.  
If structures are placed adjacent to water the thickness of concrete is to be increased so as to provide not less than 2" covering of concrete over all bars.



Section A-A Elevation  
BOX CULVERT HEADWALL  
Standard Design Where H is 6' or Less

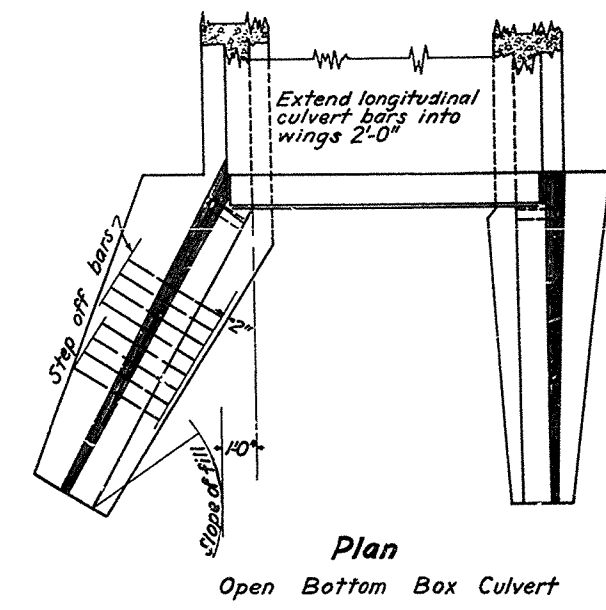


Plan Section  
Extend culvert bars into wing 2'-0"  
Extend longitudinal wing bars into culvert 2'-0"

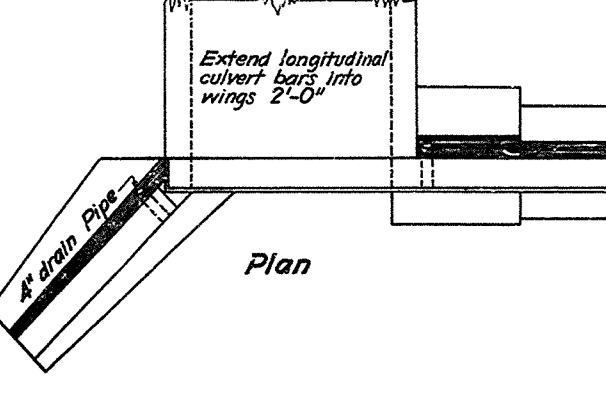


Section Elevation  
All longitudinal bars are 1/2" @ 2'-0" ctrs. in rear face, extending 2'-0" into wall of culverts

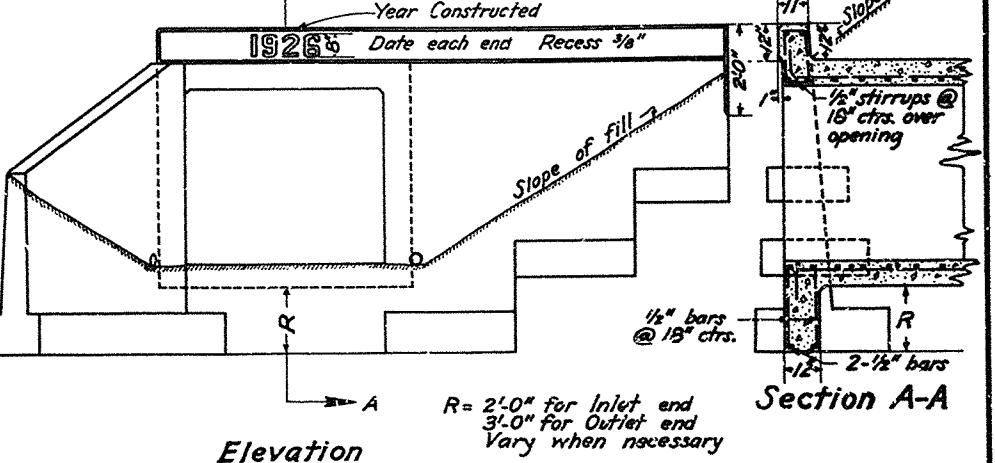
H	C	B	T	"a" bars			"b" bars			"c" bars		
				Size	Spac.	Length	Size	Spac.	Length	Size	Spac.	Length
4'	14"	2'-6"	6"	1/2"	12"	4'-11"	1'-3"	6'-8"	1/2"	12"	2'-7"	
5'	14"	2'-10"	7"	1/2"	12"	5'-11"	1'-5"	7'-0"	1/2"	12"	3'-0"	
6'	14"	3'-3"	8"	1/2"	12"	6'-11"	1'-7"	8'-0"	1/2"	12"	3'-3"	
7'	14"	3'-7"	9"	1/2"	12"	7'-11"	1'-8"	9'-0"	1/2"	12"	3'-6"	
8'	14"	4'-0"	10"	1/2"	12"	8'-11"	1'-10"	10'-0"	1/2"	12"	4'-1"	
9'	14"	4'-4"	11"	1/2"	12"	9'-11"	2'-0"	11'-0"	1/2"	12"	4'-4"	
10'	14"	4'-8"	12"	1/2"	12"	10'-11"	2'-2"	12'-0"	1/2"	12"	4'-7"	
11'	14"	5'-1 1/2"	13"	1/2"	12"	11'-11"	2'-3"	13'-0"	1/2"	12"	5'-0"	
12'	14"	5'-6"	14"	1/2"	12"	12'-11"	2'-5"	14'-0"	1/2"	12"	5'-3"	
13'	14"	5'-10"	15"	1/2"	12"	14'-3"	2'-7"	15'-0"	1/2"	12"	5'-6"	
14'	14"	6'-3"	16"	1/2"	12"	15'-3"	2'-8"	16'-0"	1/2"	12"	5'-9"	
15'	14"	6'-7"	17"	1/2"	12"	16'-3"	2'-10"	17'-0"	1/2"	12"	6'-1"	
16'	14"	7'-0"	18"	1/2"	12"	17'-3"	3'-0"	18'-0"	1/2"	12"	6'-4"	
17'	14"	7'-4"	19"	1/2"	12"	18'-3"	3'-2"	19'-0"	1/2"	12"	6'-7"	
18'	14"	7'-9"	20"	1/2"	12"	19'-3"	3'-4"	20'-0"	1/2"	12"	7'-0"	



Plan Elevation  
Extend longitudinal culvert bars into wings 2'-0"



Plan  
Extend longitudinal culvert bars into wings 2'-0"

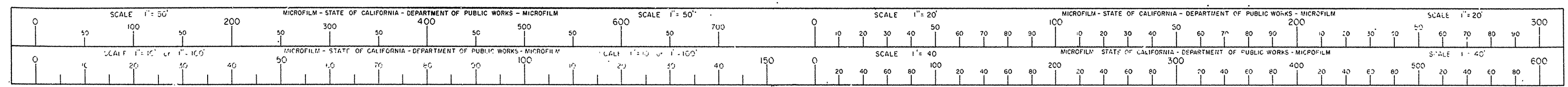


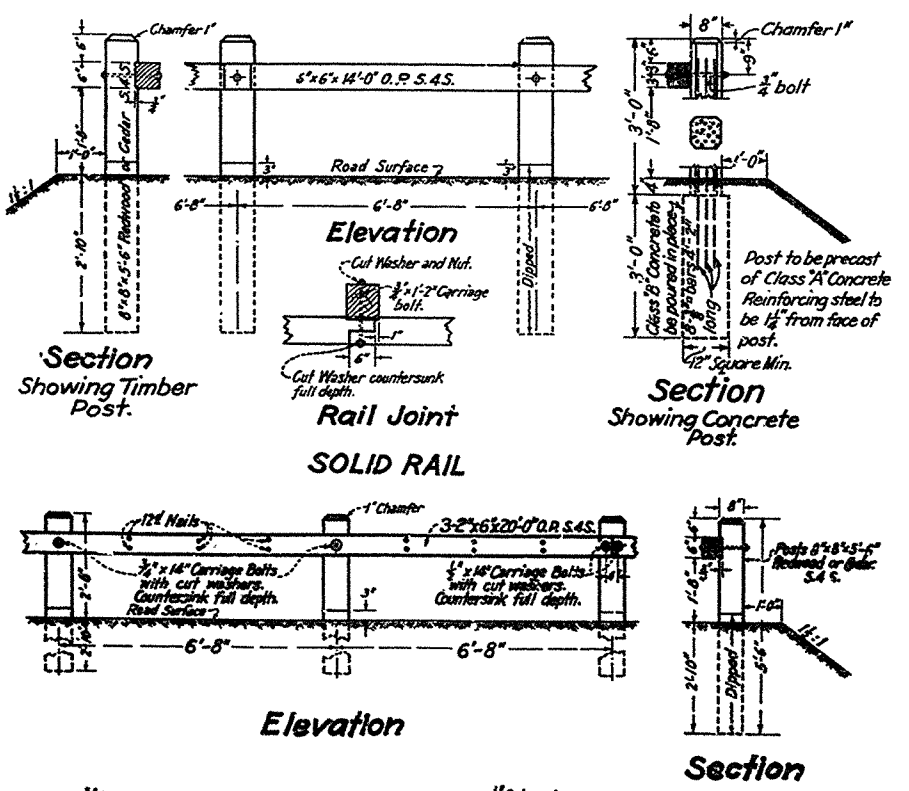
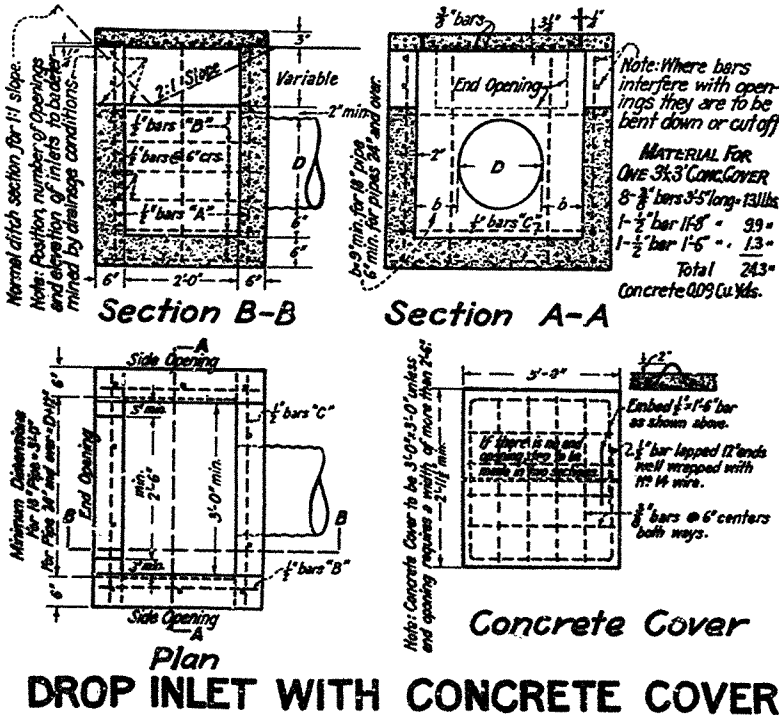
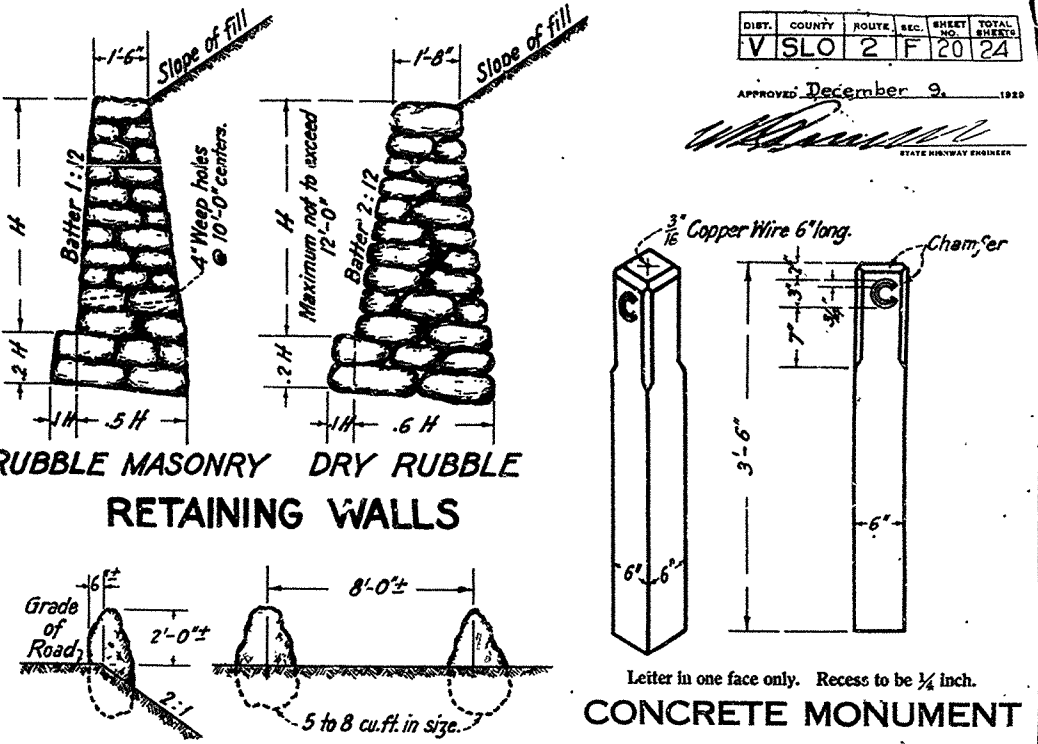
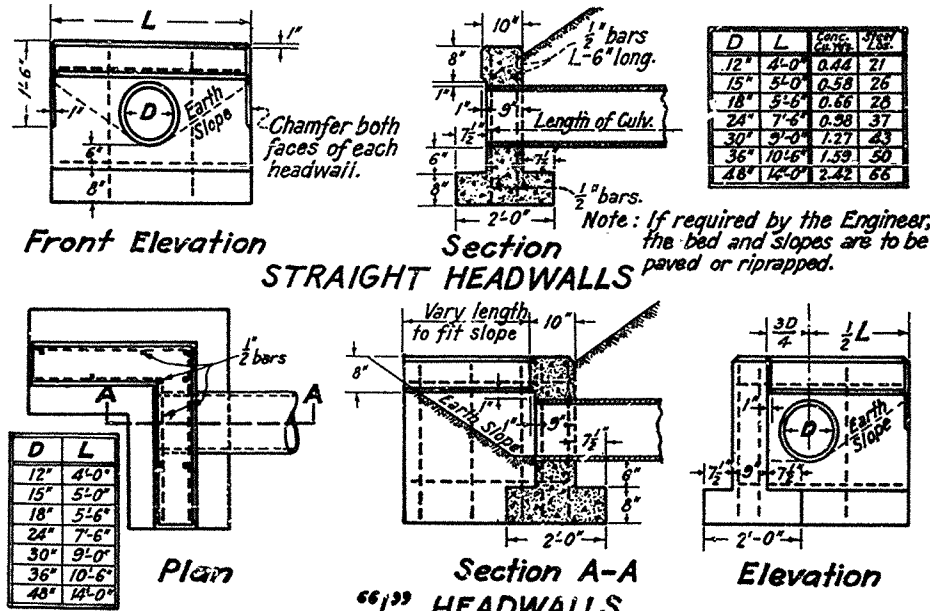
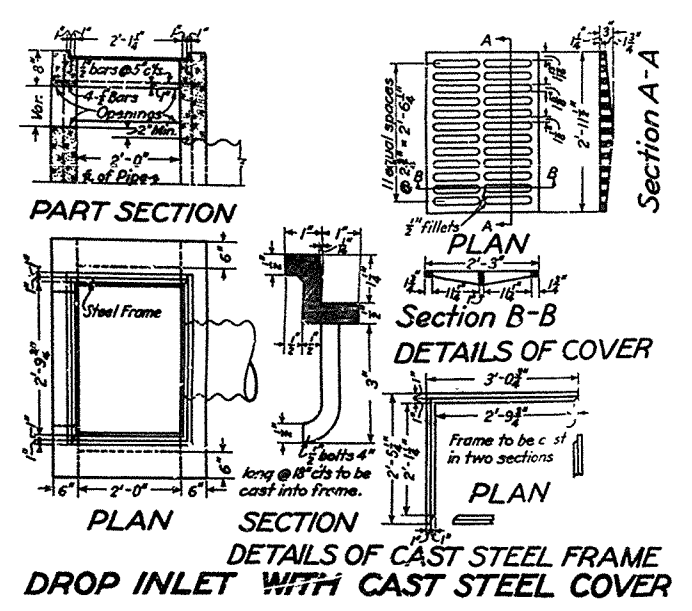
Elevation Section A-A  
R = 2'-0" for Inlet end  
3'-0" for Outlet end  
Vary when necessary

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
STANDARD STRUCTURES  
REINFORCED CONCRETE WINGWALLS

AS BUILT PLANS  
Contract No. 25FC8  
Date Completed -  
Document No. 50001688

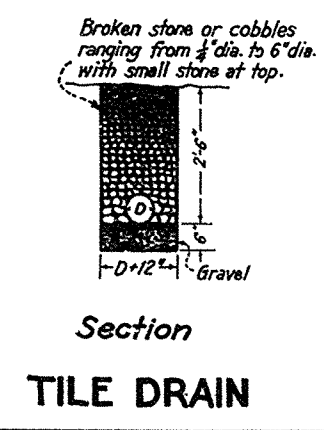
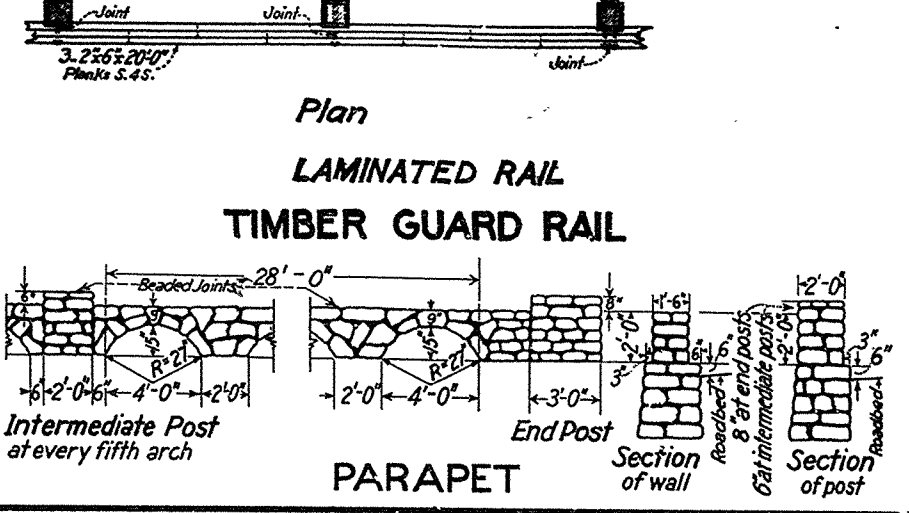
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE James E. Caud TITLE Sr. Insp.





**CONCRETE AND STEEL IN BOX**

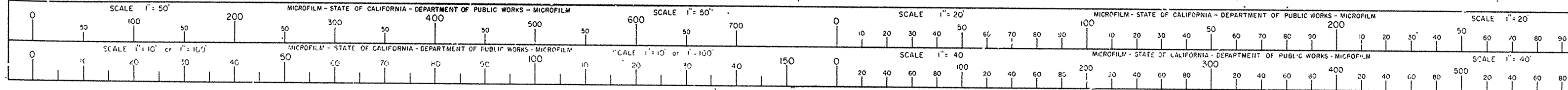
Size of Pipe D	Inside Dimension of Box	Outside Dimension of Box	Concrete Cu Yds. Box only with no deductions for inlet openings	Steel #8 Bars No. and Length Weight
18"	2'-0" x 3'-0"	3'-0" x 4'-0"	0.83	A 10 3'-5" 29.1 B 16 2'-9" 37.4 C 13 3'-9" 41.5
24"	2'-0" x 3'-0"	3'-0" x 4'-0"	1.12	A 10 4'-5" 37.6 B 20 2'-9" 46.8 C 17 3'-9" 51.0
30"	2'-0" x 3'-6"	3'-0" x 4'-6"	1.33	A 10 4'-11" 41.8 B 22 2'-9" 51.5 C 17 4'-3" 61.4
36"	2'-0" x 4'-0"	3'-0" x 5'-0"	1.68	A 11 5'-11" 55.4 B 26 2'-9" 60.8 C 19 4'-9" 76.7



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
**STANDARD STRUCTURES  
PIPE HEADWALLS-ETC.**

**AS BUILT PLANS**  
Contract No. 25F28  
Date Completed -  
Document No. 50001688

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DATE 12-5-24 SIGNATURE: [Signature] TITLE: Sr. Asst.

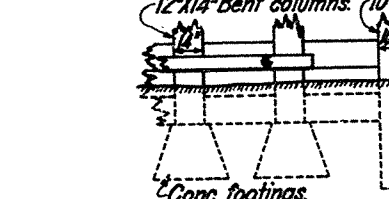
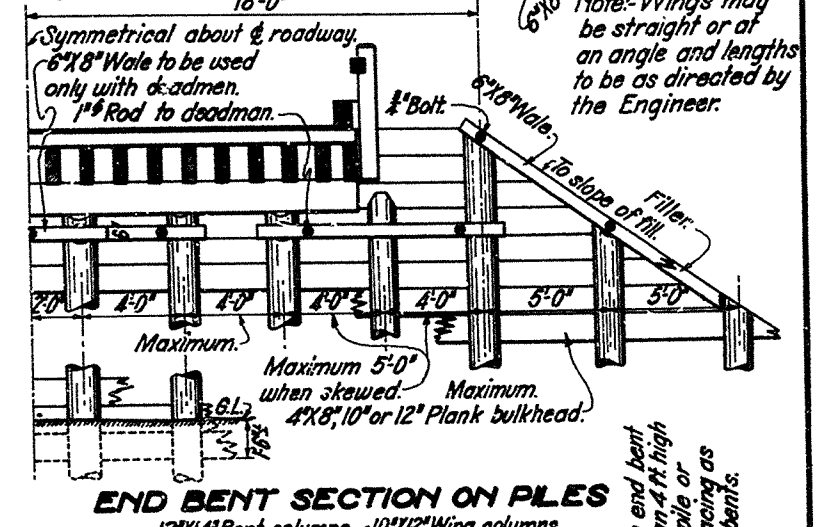
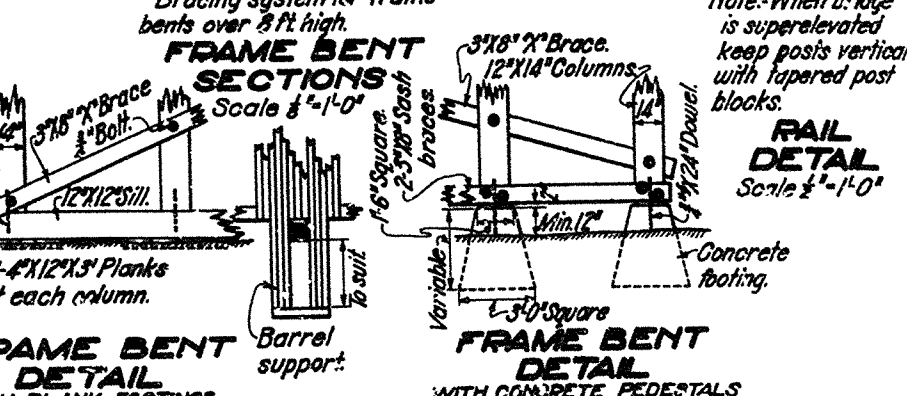
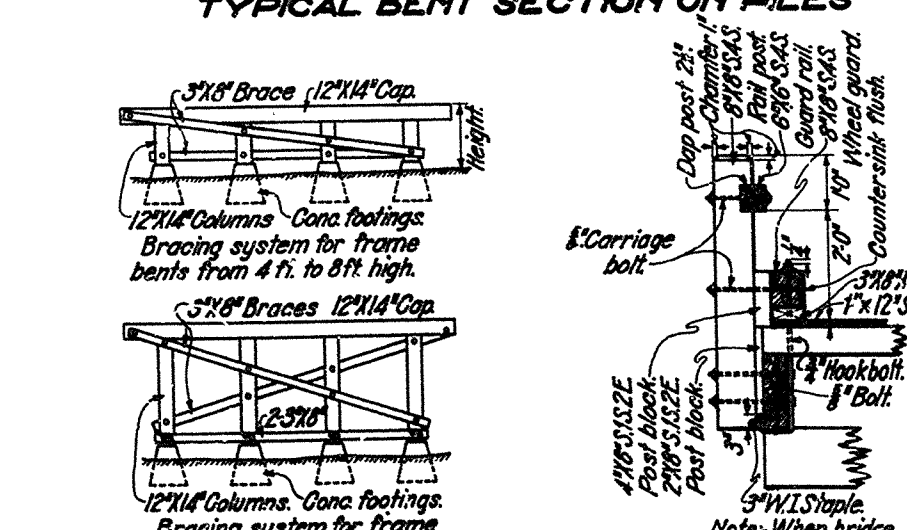
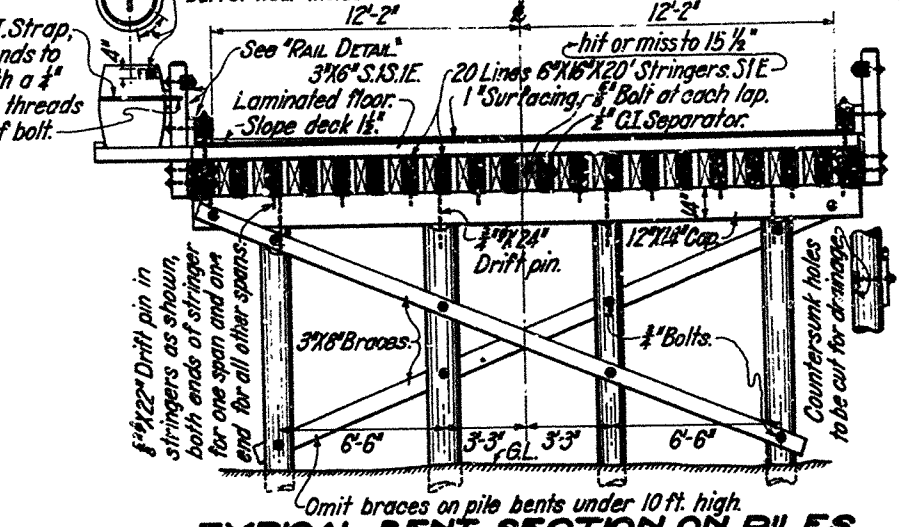
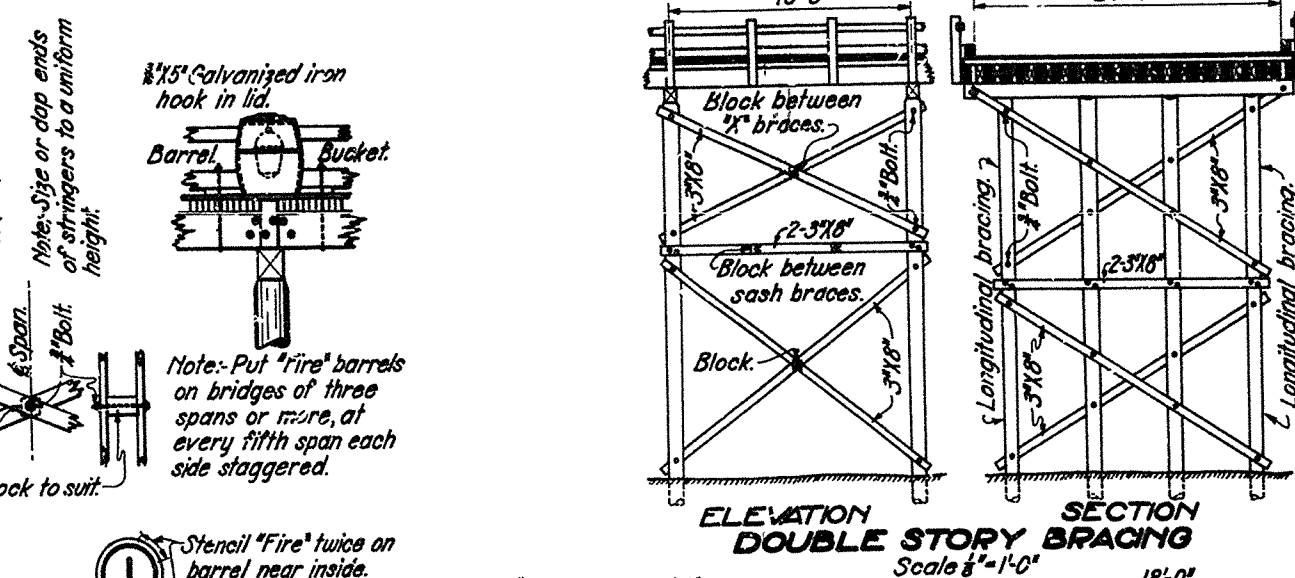
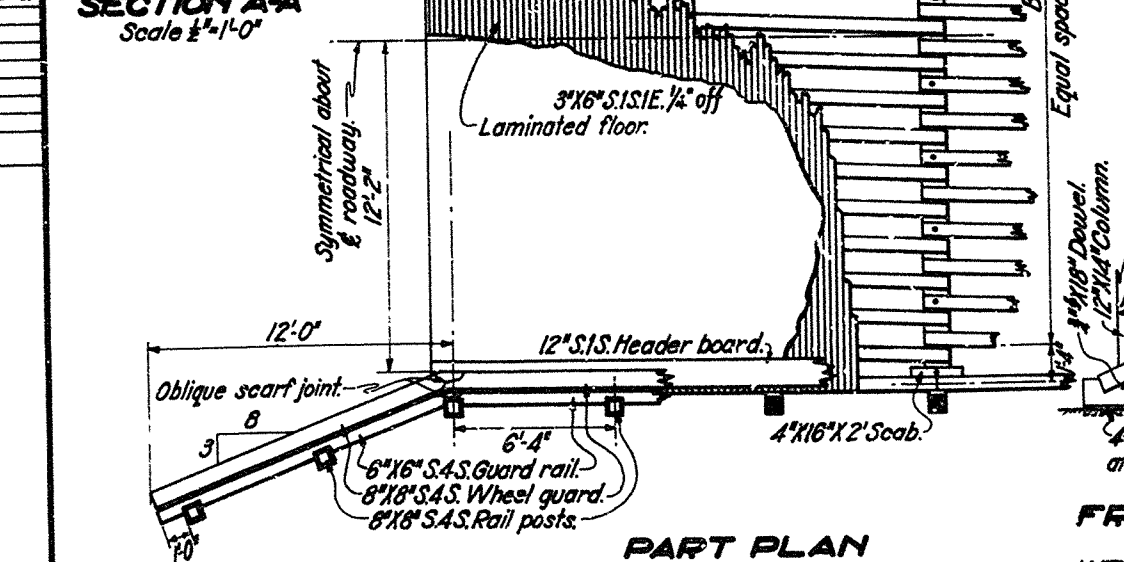
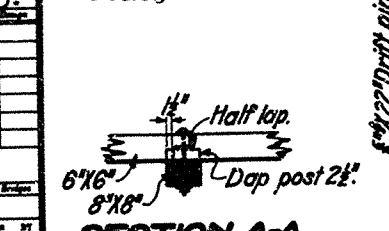
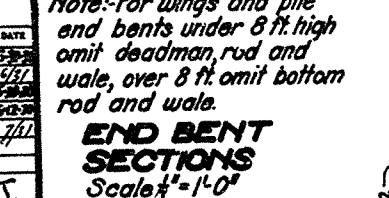
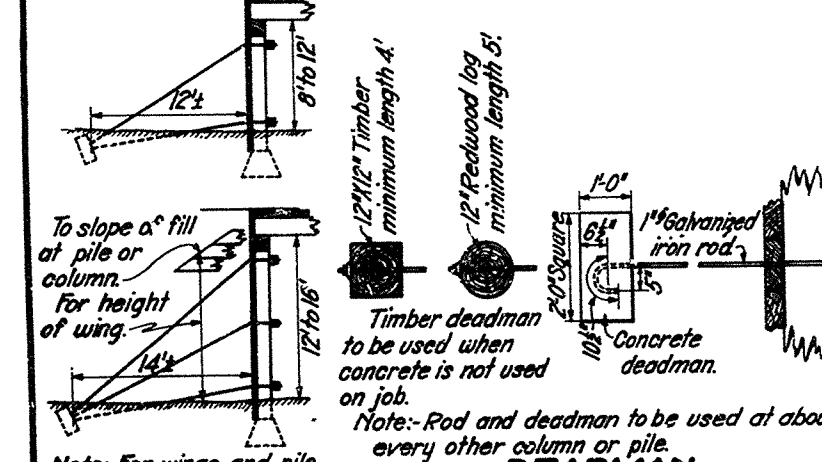
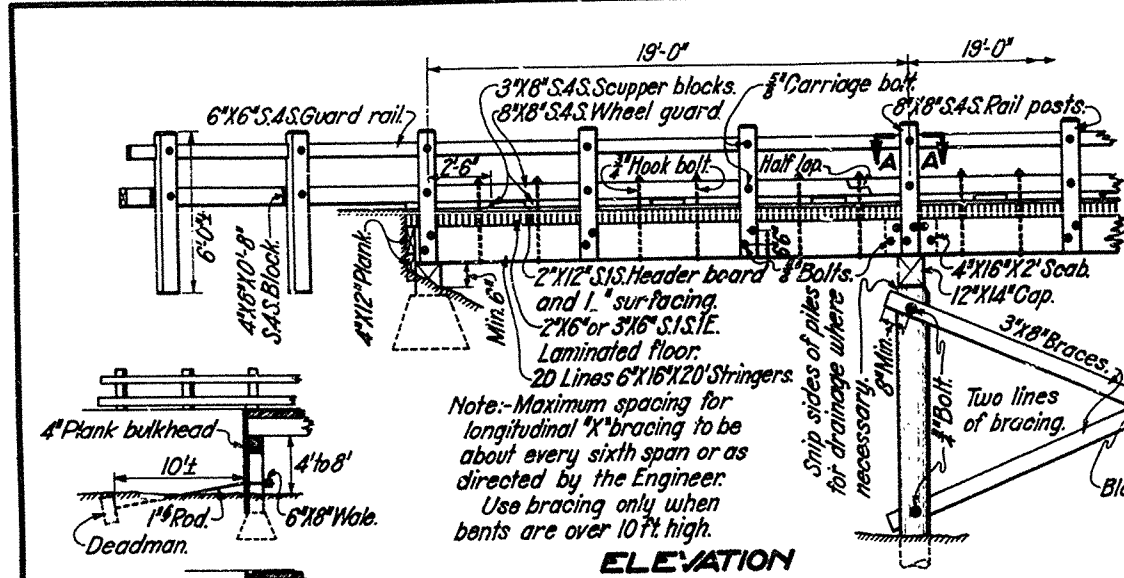


FED. ROAD DIST. NO.	STATE	FED. AID FUND. NO.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
2	CAL.	251	1931	19	20

DIST.	COUNTY	ROUTE	SEC.	CROSSING	TOTAL SHEETS
V	SLO	2	F	19	20

DESIGNED BY  
*[Signature]*  
June 29 1931  
SCALE  
DATE

Note:- No set of single story braces shall exceed 20 ft in height



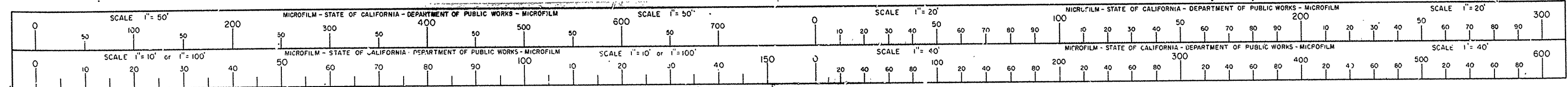
**GENERAL NOTES**  
For materials, painting of railing and workmanship see the Department of Public Works, Division of Highways, Standard Specifications.  
All timber and lumber shall be of redwood.  
Piling when used shall be of redwood unless otherwise specified.  
Concrete when used shall be Class 'A' concrete.  
All bolts to be fitted with cut washers and all 3" bolts to be fitted with malleable iron washers.  
All bolts, nuts and washers shall be completely painted with one coat of red lead before erection and a second coat, to exposed parts after erection, of an approved paint.  
Bridge may be super-elevated as directed by the Engineer.  
Bridge may be skewed as directed by the Engineer, using longer oaps and more piles or columns as found necessary, maximum spacing 6'-6" for piles and 5'-6" for end overhang of oap.

**STANDARD REDWOOD TIMBER BRIDGE WITH LAMINATED DECK 19 FT. SPAN 24 FT. ROADWAY**  
Scale 1/4" = 1'-0" Except as shown.

DESIGNED BY	DATE
CHECKED BY	
SCALE	
CHECKED BY	
SCALE	
CHECKED BY	
DATE	Checked or Made BY

**AS BUILT PLANS**  
Contract No. 25FC8  
Date Completed -  
Document No. 50001688

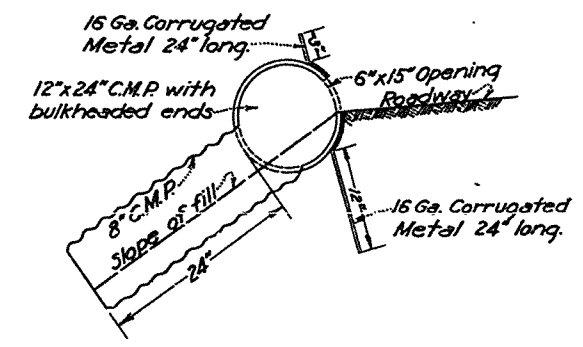
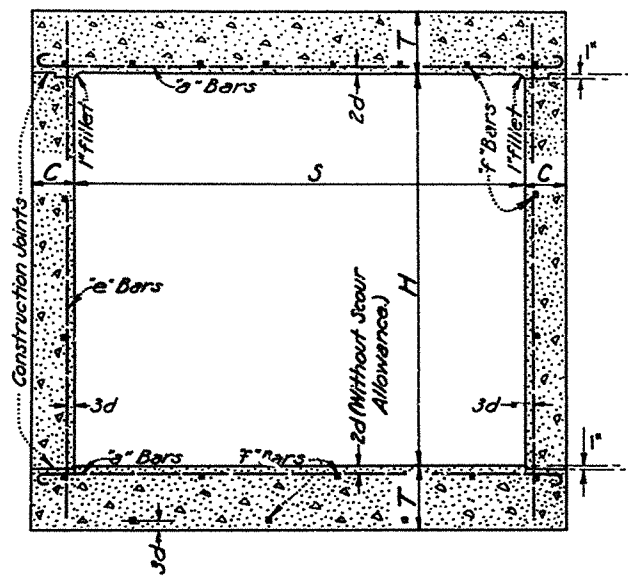
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.  
DATE 12-5-72 SIGNATURE [Signature] TITLE sr. Reno



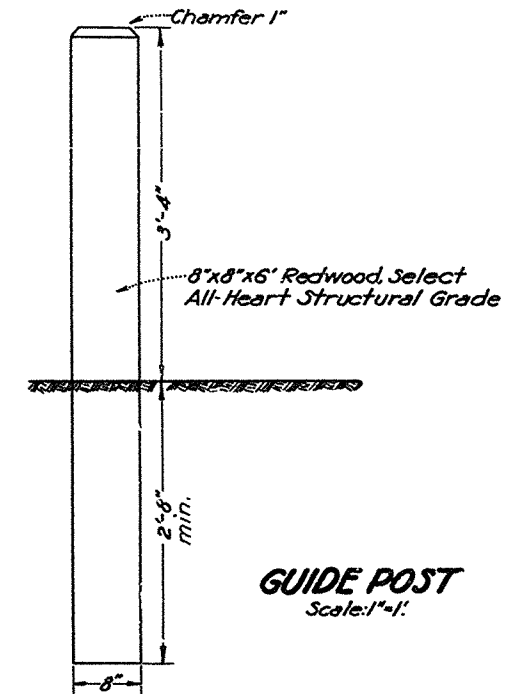


APPROVED June 29, 1931

PLAN NO.  
DATE



**SPILLWAY ASSEMBLY**  
Scale: 1"=1'

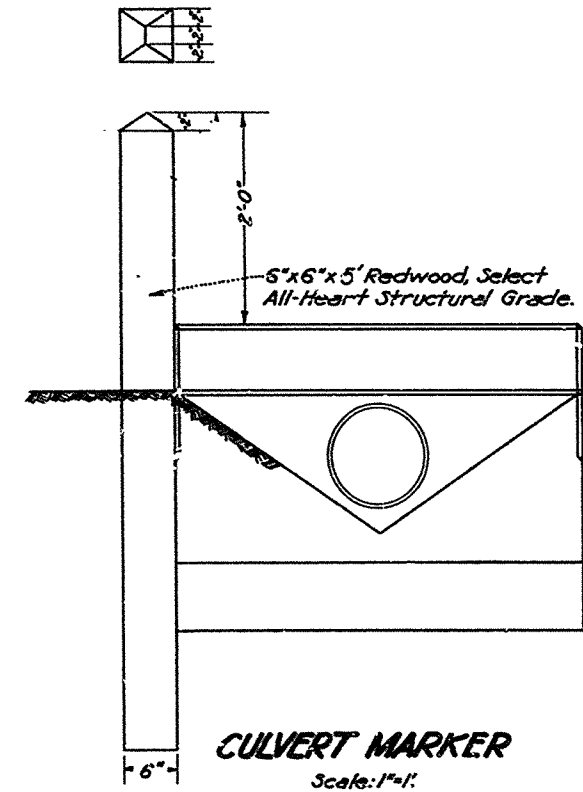


**GUIDE POST**  
Scale: 1"=1'

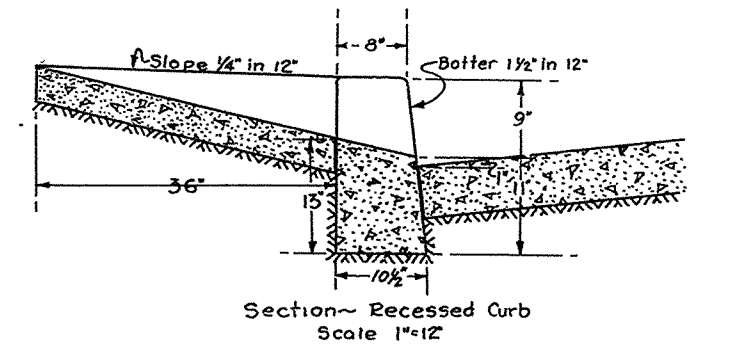
STATION	SPAN HEIGHT		SLABS		WALLS		9" Bars		FILL (Max.)
	S	H	T	C	W	H	Each	Each	
528+73	4'	4'	11"	8"	5"	11"	1 1/2"	1	30'
420+04	4'	5'	8"	6"	8"	15"	1/2"	4	0'-10"
"	4'	5'	10"	6"	9"	15"	1/2"	5	10'-20"
"	4'	5'	11"	6"	11"	15"	1/2"	6	20'-30"
594+80	6'	7'	15"	12"	12"	17"	1/2"	6	30'
"	5'	7'	15"	12"	10"	17"	1/2"	6	20'

NOTE: Place 2" Expansion Joint Vertically in top slab and sidewalls at 30' intervals. Make change of cross-section in 2' aper.

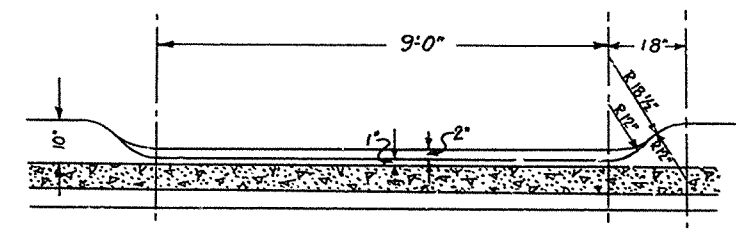
**SPECIAL BOX CULVERTS**  
No Scale



**CULVERT MARKER**  
Scale: 1"=1'



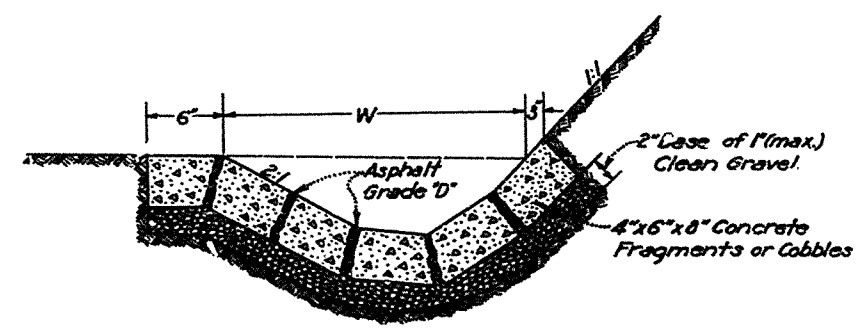
Section ~ Recessed Curb  
Scale 1"=12"



Elevation ~ Recessed Curb  
Scale 1"=2'-0"

**RECESSED CURB**

Checked by	Checked by	Checked by
Drawn by	Drawn by	Drawn by
Checked by	Checked by	Checked by
Reviewed by	Reviewed by	Reviewed by
Checked by	Checked by	Checked by
Approved by	Approved by	Approved by
Date	Date	Date
Scale	Scale	Scale
Sheet	Sheet	Sheet
Project	Project	Project
Drawn	Drawn	Drawn
Checked	Checked	Checked
Reviewed	Reviewed	Reviewed
Approved	Approved	Approved
Scale	Scale	Scale
Sheet	Sheet	Sheet
Project	Project	Project
Drawn	Drawn	Drawn
Checked	Checked	Checked
Reviewed	Reviewed	Reviewed
Approved	Approved	Approved
Scale	Scale	Scale
Sheet	Sheet	Sheet
Project	Project	Project
Drawn	Drawn	Drawn
Checked	Checked	Checked
Reviewed	Reviewed	Reviewed
Approved	Approved	Approved
Scale	Scale	Scale
Sheet	Sheet	Sheet
Project	Project	Project
Drawn	Drawn	Drawn
Checked	Checked	Checked
Reviewed	Reviewed	Reviewed
Approved	Approved	Approved



W=2' except between Sta. 423+50 and Sta. 432+60, where W=4'.

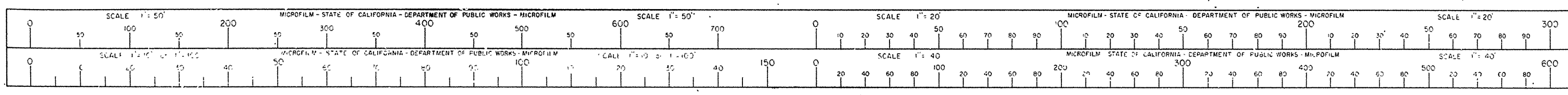
**PAVED GUTTER SECTION**  
Scale: 1"=8"

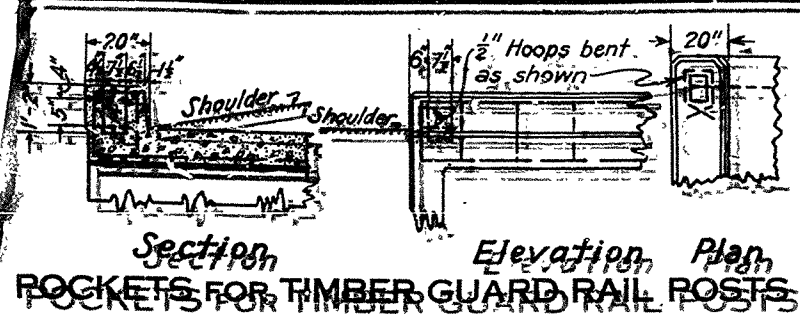
STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS  
MISCELLANEOUS STRUCTURES

Recommended:  
[Signature]  
Bridge Engineer.

**AS BUILT PLANS**  
Contract No. 25FL8  
Date Completed -  
Document No. 50001688

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DATE 12-5-72 SIGNATURE: [Signature] TITLE SR. [Signature]

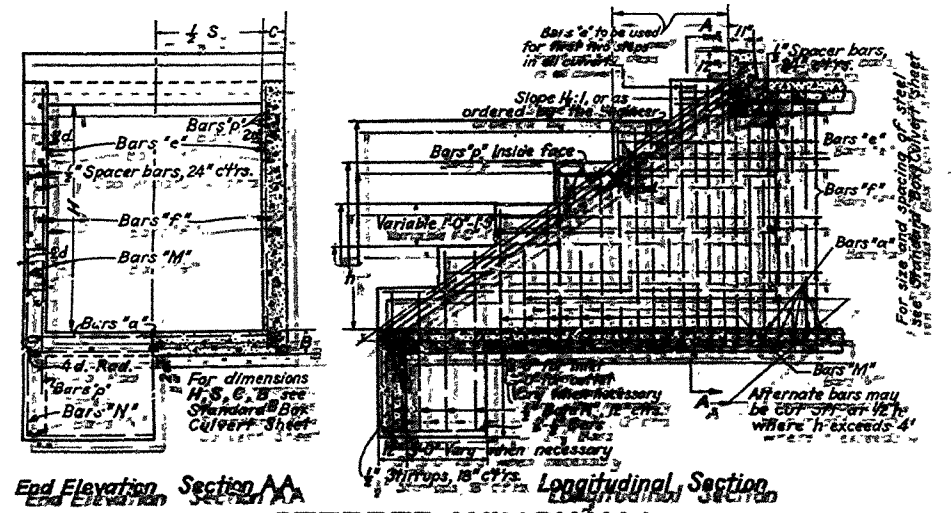




Section Elevation  
ROCKETRY FOR TIMBER GUARD RAIL POSTS

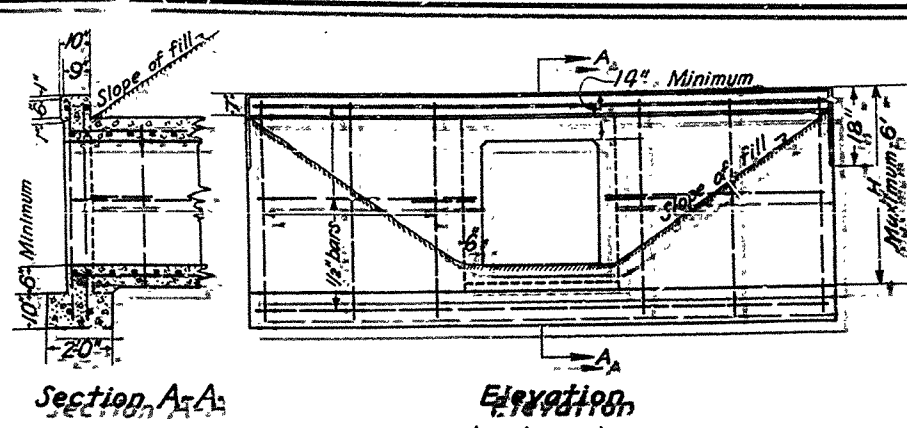
Length ft.	Bars M No. Spacing	Bars N No. Spacing
2'-0"	1/2" @ 12"	2 @ 12"
3'-0"	1/2" @ 12"	3 @ 12"
4'-0"	1/2" @ 12"	4 @ 12"
5'-0"	1/2" @ 12"	5 @ 12"
6'-0"	1/2" @ 12"	6 @ 12"
7'-0"	1/2" @ 12"	7 @ 12"
8'-0"	1/2" @ 12"	8 @ 12"
9'-0"	1/2" @ 12"	9 @ 12"
10'-0"	1/2" @ 12"	10 @ 12"

TABLE OF REINFORCING STEEL  
STEPPED WINGWALL



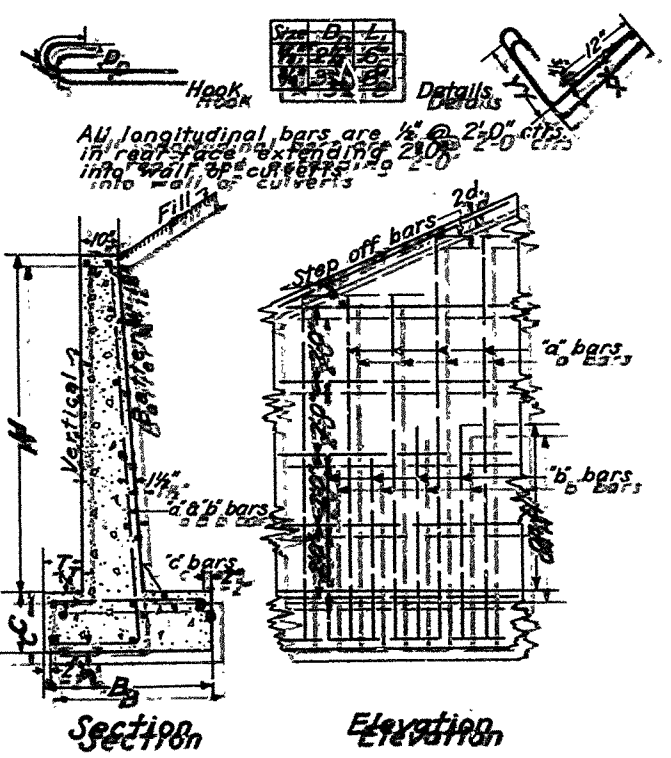
STEPPED WINGWALL  
For the design, future extension of concrete may be necessary.

All concrete to be Class A (6 sacks cement per cu. yd. of concrete).  
 All reinforcement to be square deformed bars, tightly wired together at all intersections.  
 Lap splices to be staggered.  
 Splices to be at least 10 diameters.  
 All reinforcement to be placed in center line of bar.  
 Minimum cover to be 1 1/2 inches for bars in contact with earth.  
 If it is impractical to place reinforcement in the field, it may be placed in the wings.  
 If it is impractical to place reinforcement in the wings, it may be placed in the field.  
 Calculate length of the top of the wing wall where slope is 6' or less.  
 On larger curves, lay out wings in angles suitable to conditions. Top of wings to conform to slope of cut, and must be perpendicular to center line of road at wing wall.  
 Stepped wing walls should be laid out to provide for future extension of concrete.  
 For dimensions, size of steel and spacing, see table. Steel may be stepped off in spaces of approximately 2 ft.  
 Concrete to be allowed to set 21 days before backfill is placed.  
 If structures are to be subjected to heavy loads, the top of concrete is to be increased so as to provide for the weight of concrete over all bars.

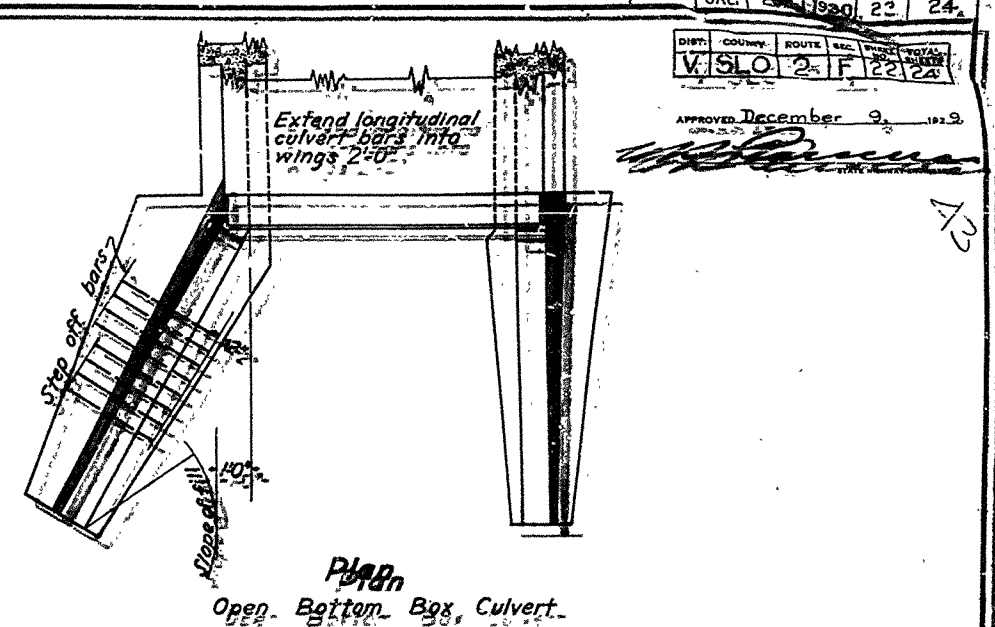


Section, A-A Elevation  
Extend culvert bars into wing  
Extend longitudinal wing bars into culvert 2'-0"

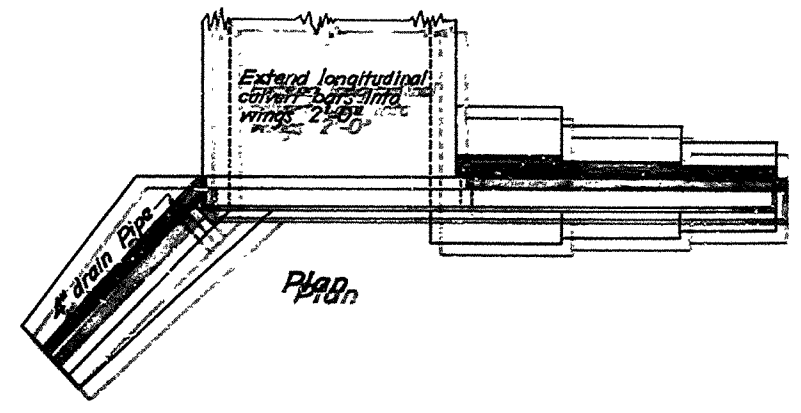
Plan Section  
BOX CULVERT HEADWALL



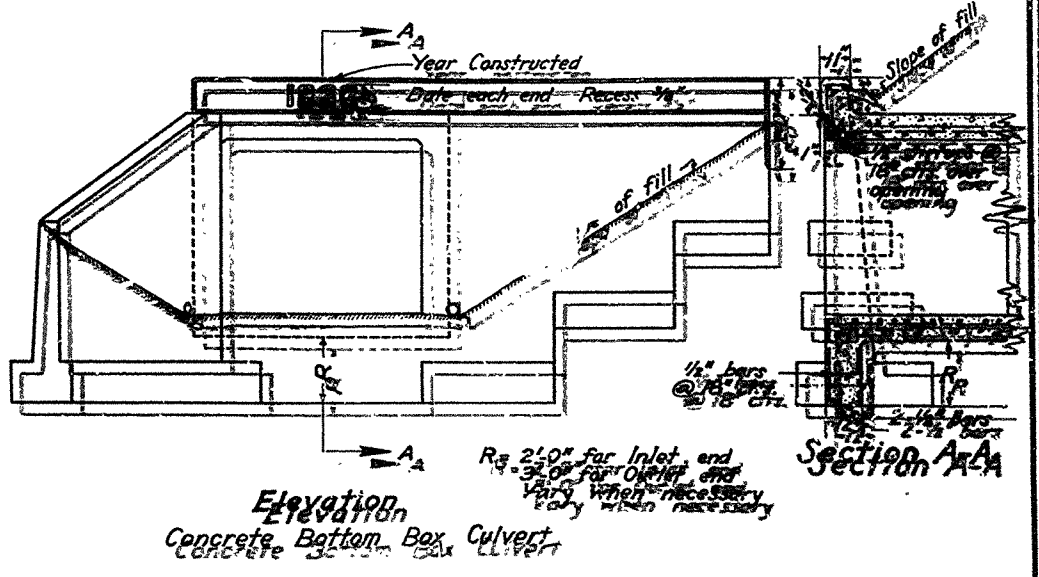
H	C	B	T	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160



Plan Elevation  
Open Bottom Box Culvert



Plan  
Concrete Bottom Box Culvert

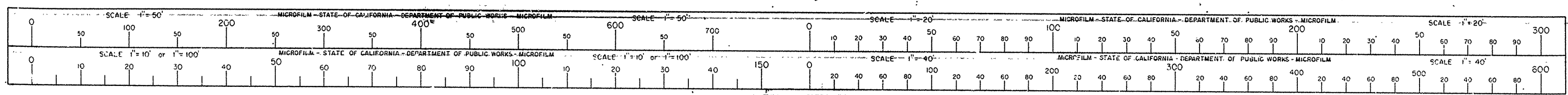


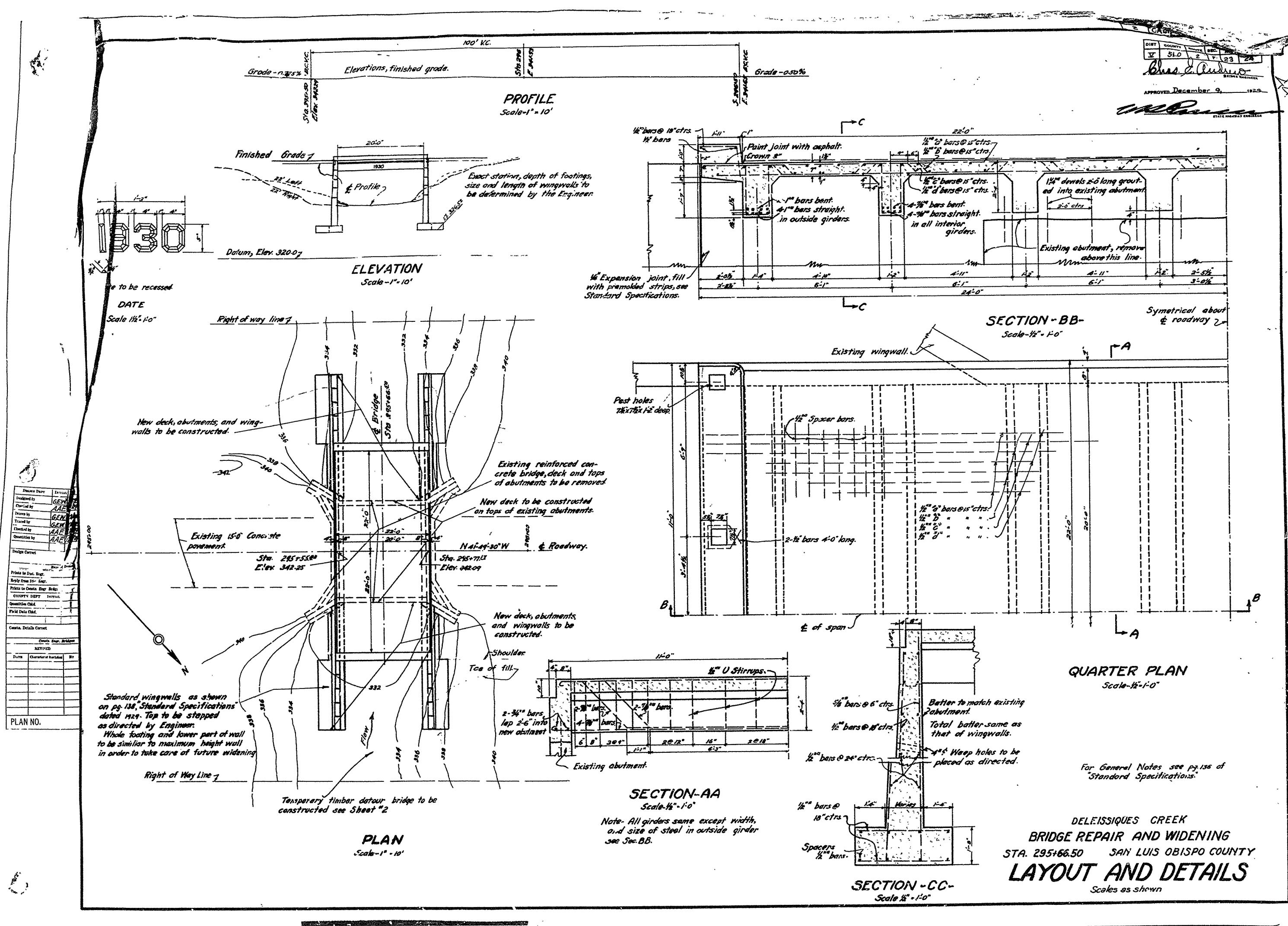
Elevation  
Concrete Bottom Box Culvert

STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
 STANDARD STRUCTURES  
 REINFORCED CONCRETE WINGWALLS

AS BUILT PLANS  
 Contract No. 25FCL8  
 Date Completed -  
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 DATE 12-5-72 SIGNATURE John E. Cant TITLE Sr. Rmo





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 DATE 12-5-72 SIGNATURE *James E. Conrad* TITLE SR. REPA

