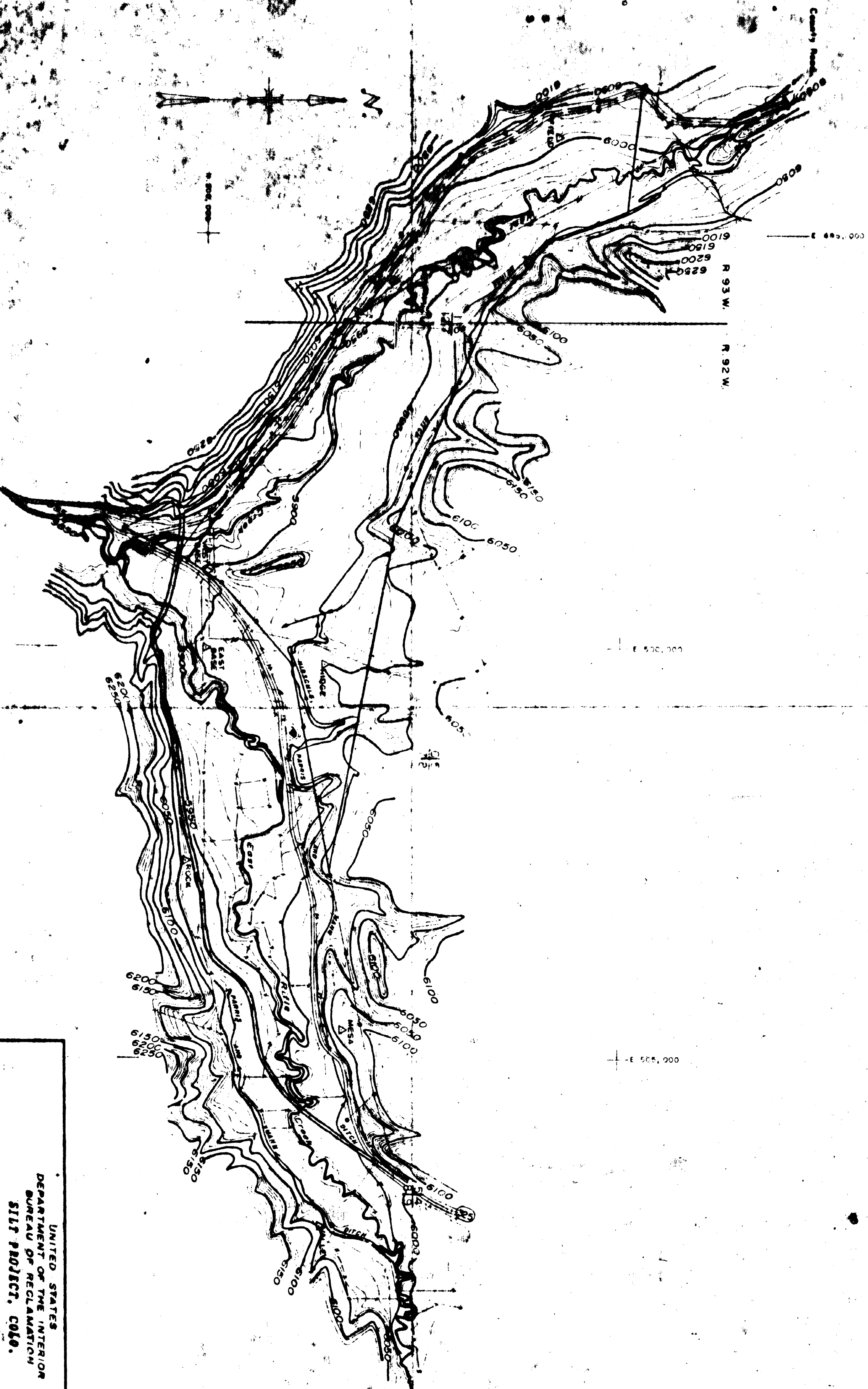
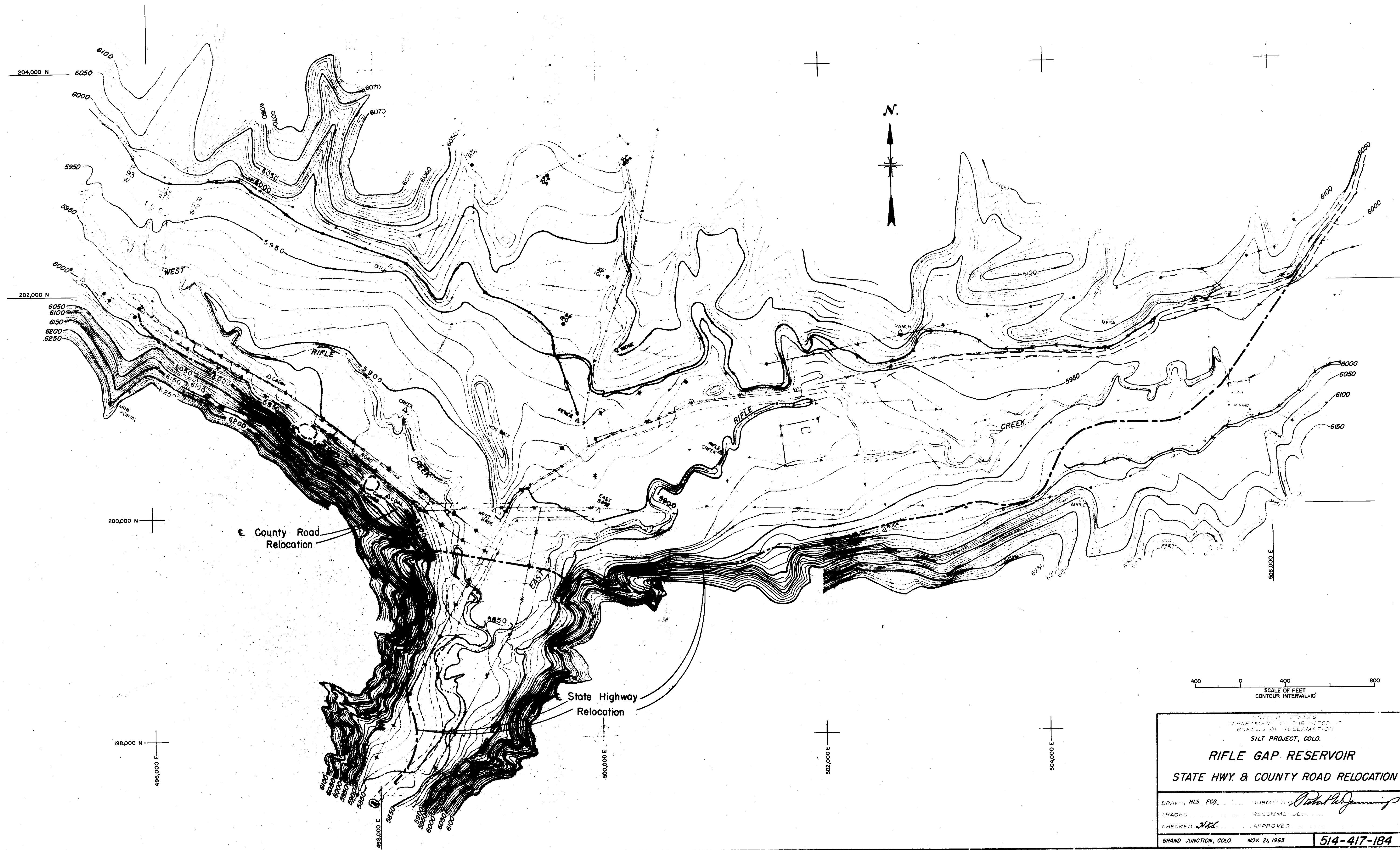




UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO.	
RIFLE GAP RESERVOIR RELOCATED STATE HIGHWAY AND COUNTY ROAD	
DRAWN T.B.	SUBMITTED
TRACED	RECOMMENDED
CHECKED A.M.	APPROVED
514-400-51	

MAR 20 1964

EXHIBIT A



County Road
Relocation

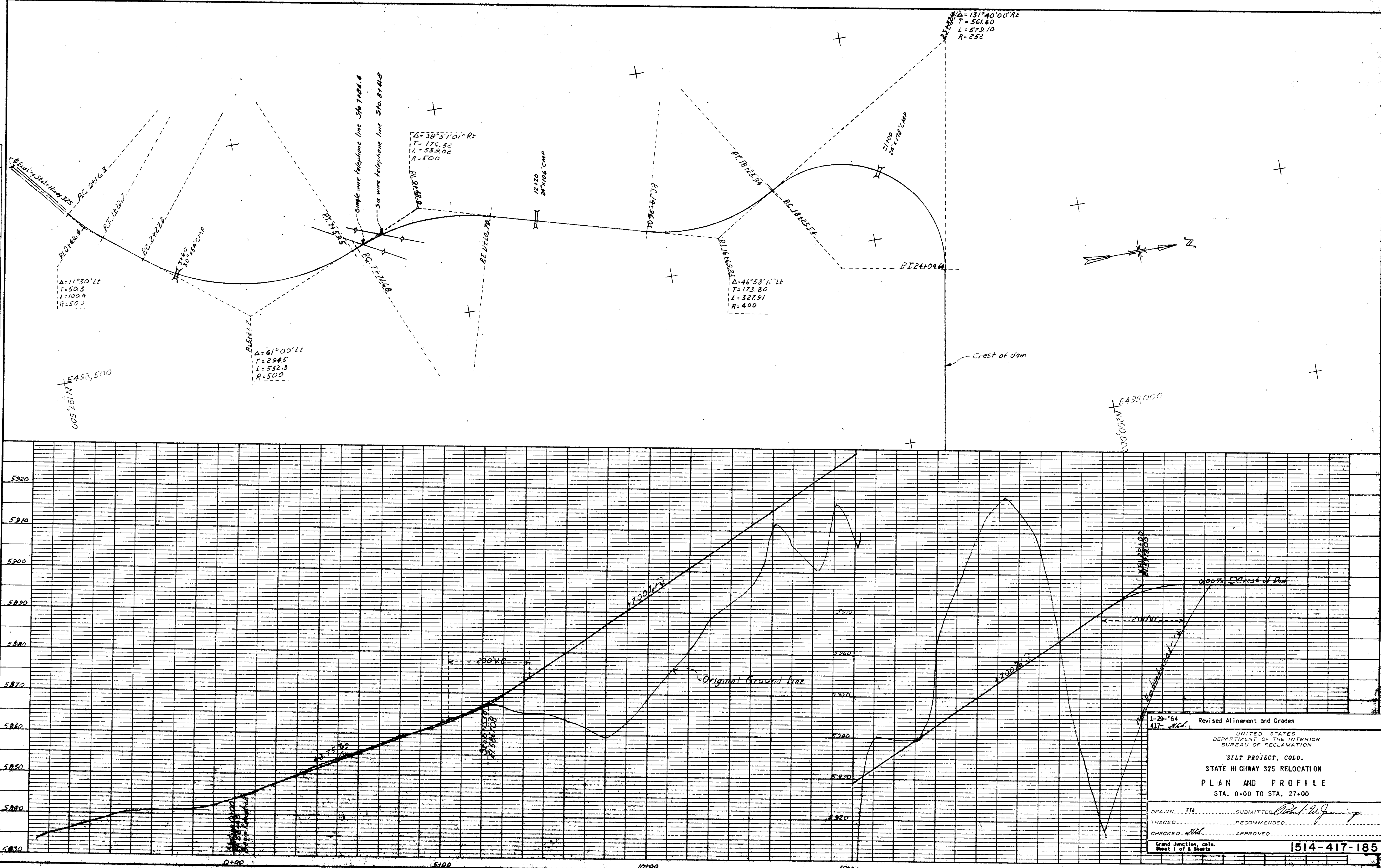
State Highway
Relocation

400 0 400 800
SCALE OF FEET
CONTOUR INTERVAL=10'

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO.	
RIFLE GAP RESERVOIR	
STATE HWY. & COUNTY ROAD RELOCATION	
DRAWN: HLS	FCB
TRACED:	RECOMMENDED
CHECKED: <i>HL</i>	APPROVED: <i>Robert L. Jennings</i>
GRAND JUNCTION, COLO.	NOV. 21, 1963
514-417-184	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED CHECKED		
	NOTE BOOK		
NO.			

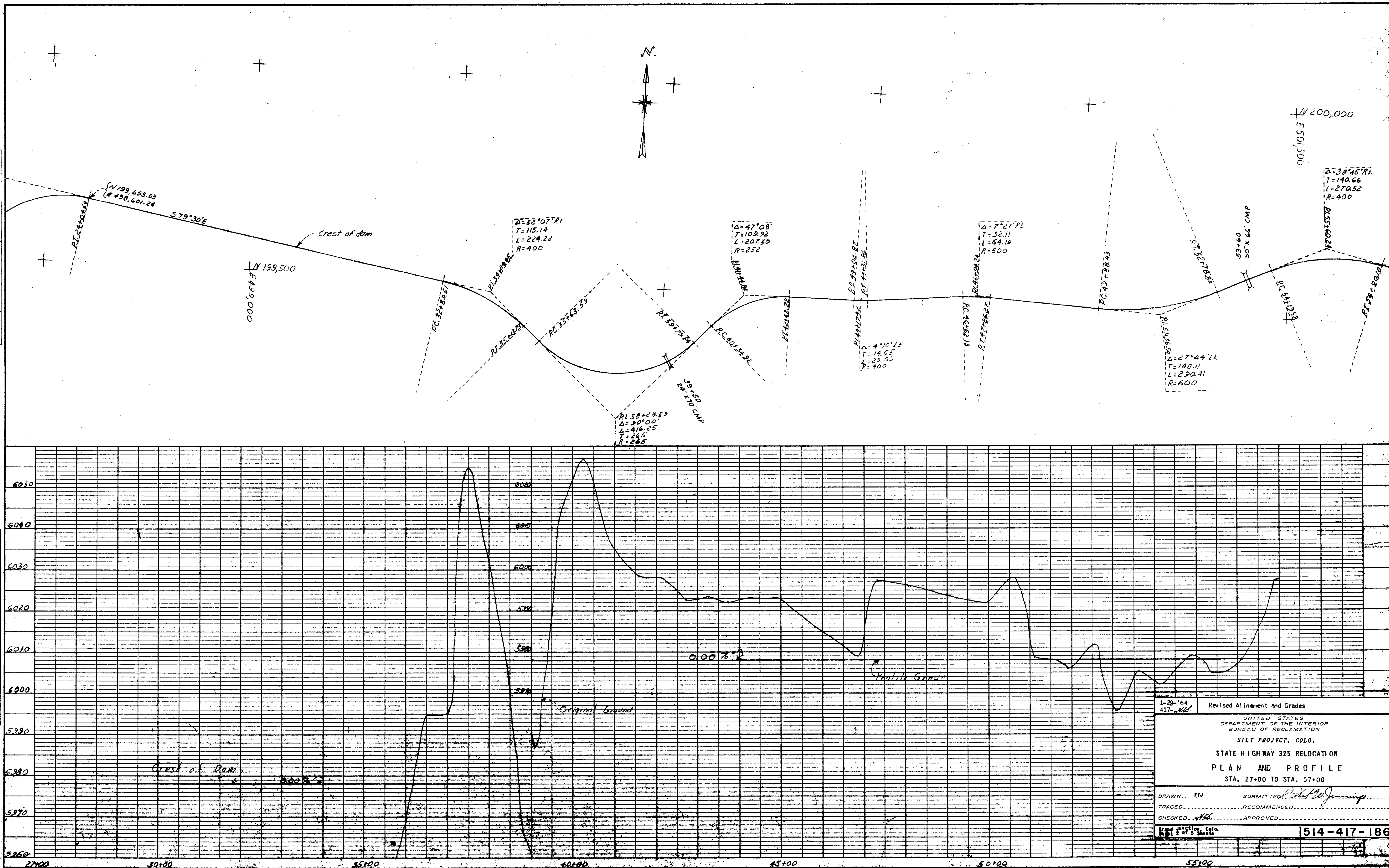
PROFILE	SURVEYED	BY	DATE
	GRADES CHECKED		
	NOTE BOOK		
	STRUCTURE NOTATIONS ON ROAD		
NO.			



1-29-'64 417- <i>HL</i>		Revised Alignment and Grades
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION		
SILT PROJECT, COLO.		
STATE HIGHWAY 325 RELOCATION		
PLAN AND PROFILE		
STA. 0+00 TO STA. 27+00		
DRAWN... <i>FFJ</i>	SUBMITTED <i>Robert W. Jennings</i>	
TRACED...	RECOMMENDED...	
CHECKED... <i>HL</i>	APPROVED...	
Grand Junction, Colo. Sheet 1 of 5 Sheets		514-417-185

PLAN	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	

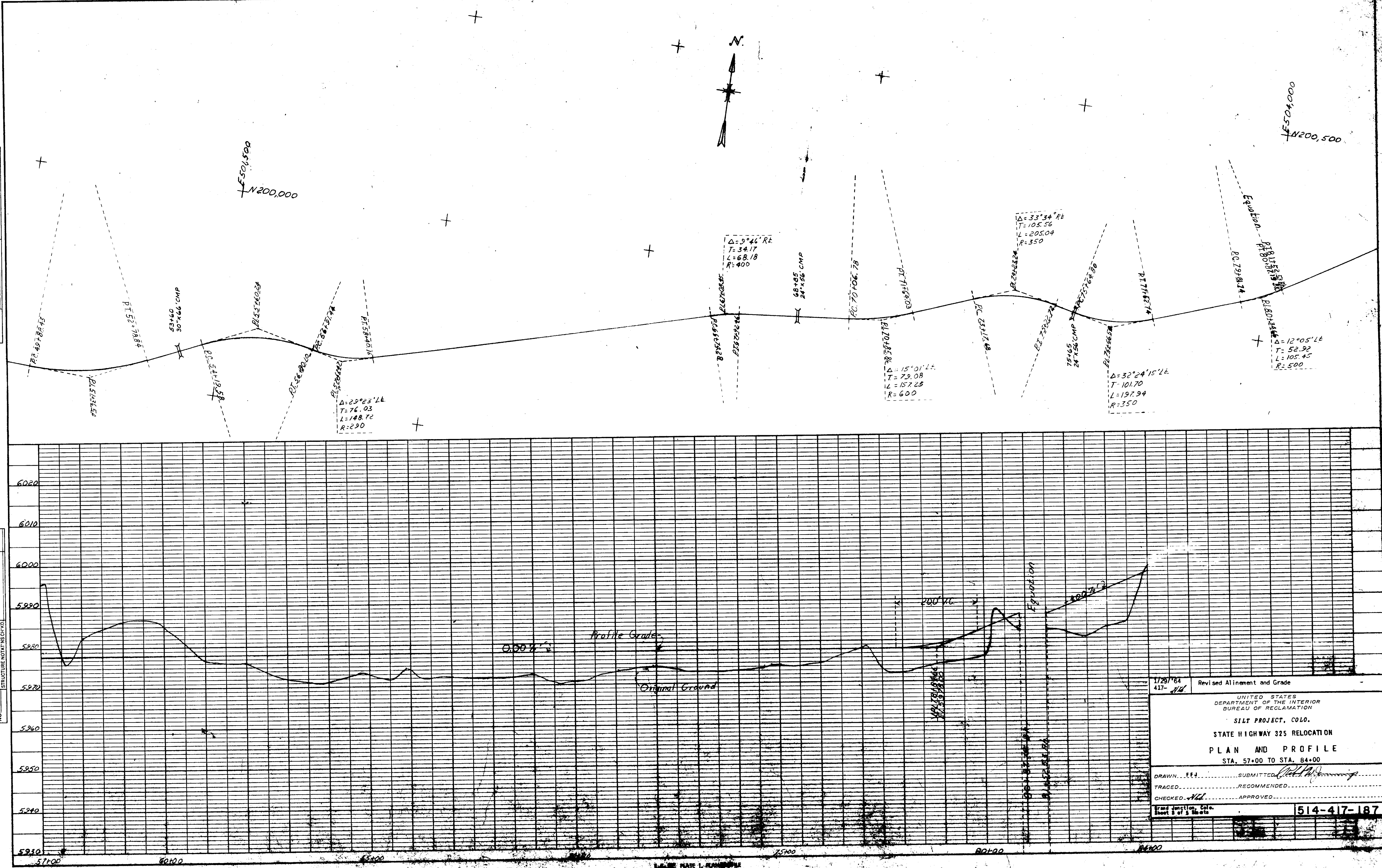
PROFILE	DATE	
	BY	
	SURVEYED	
	NOTE BOOK	



1-29-64 417-186	Revised Alignment and Grades
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO. STATE HIGHWAY 325 RELOCATION PLAN AND PROFILE STA. 27+00 TO STA. 57+00	
DRAWN... FFJ	SUBMITTED... <i>John W. Jennings</i>
TRACED... <i>FFJ</i>	RECOMMENDED... <i>FFJ</i>
CHECKED... <i>FFJ</i>	APPROVED... <i>FFJ</i>
Project Engineer, Colo. Bureau of Reclamation	514-417-186

PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
NO.		

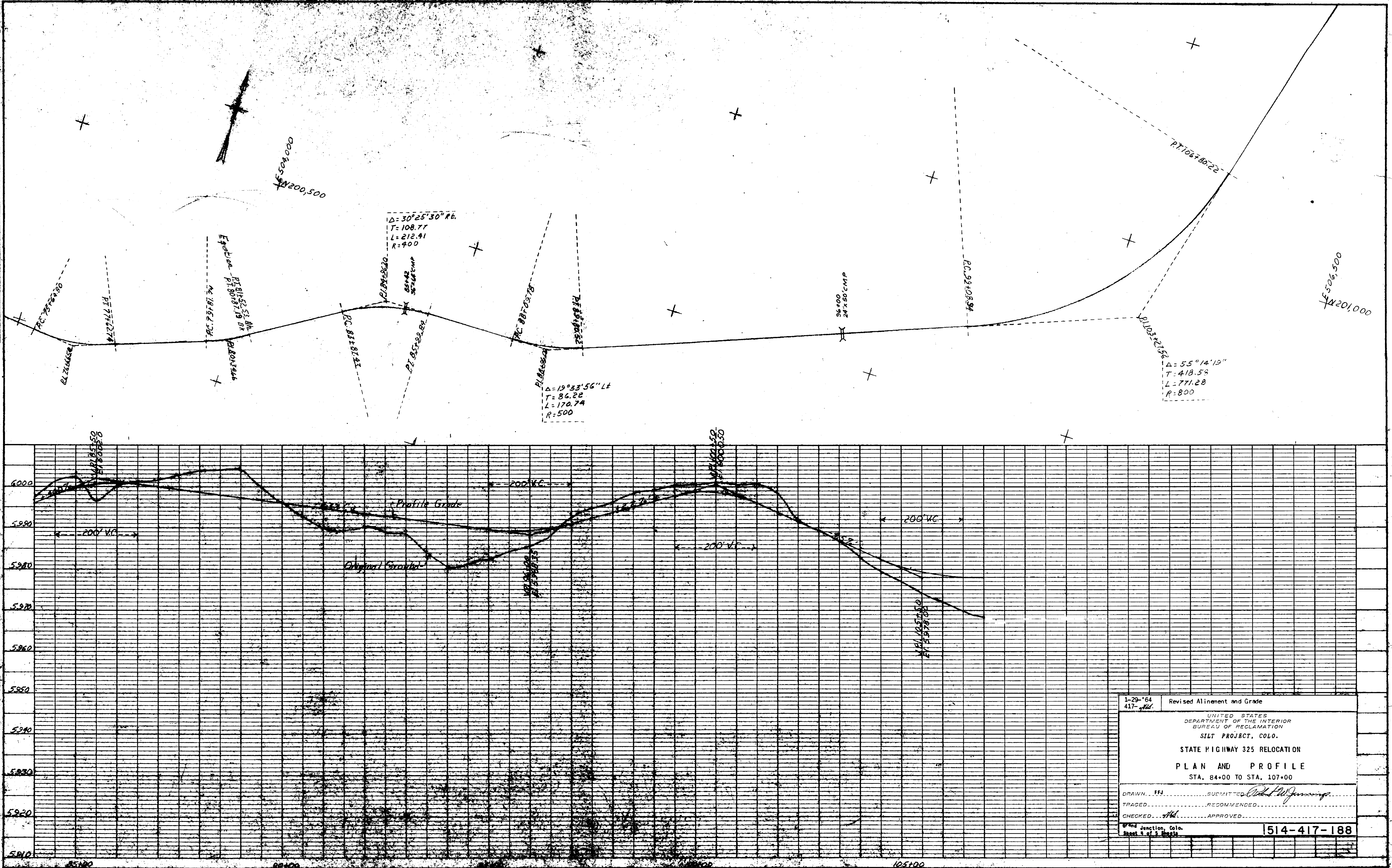
PROFILE	BY	DATE
SURVEYED		
PLOTTED		
NOTED		
NO.		



1/28/64	Revised Alignment and Grade
417-114	
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION	
SILT PROJECT, COLO.	
STATE HIGHWAY 325 RELOCATION	
PLAN AND PROFILE	
STA. 57+00 TO STA. 84+00	
DRAWN: FEJ	SUBMITTED: [Signature]
TRACED: [Signature]	RECOMMENDED: [Signature]
CHECKED: [Signature]	APPROVED: [Signature]
Grand Junction, Colo. Sheet 3 of 5 sheets	
514-417-187	

PLAN	DATE	BY
SURVISED	CHECKED	DATE
NOTE: BOON, ALIGNMENT CHECKED, RT. OF WAY CHECKED.		
NO.		

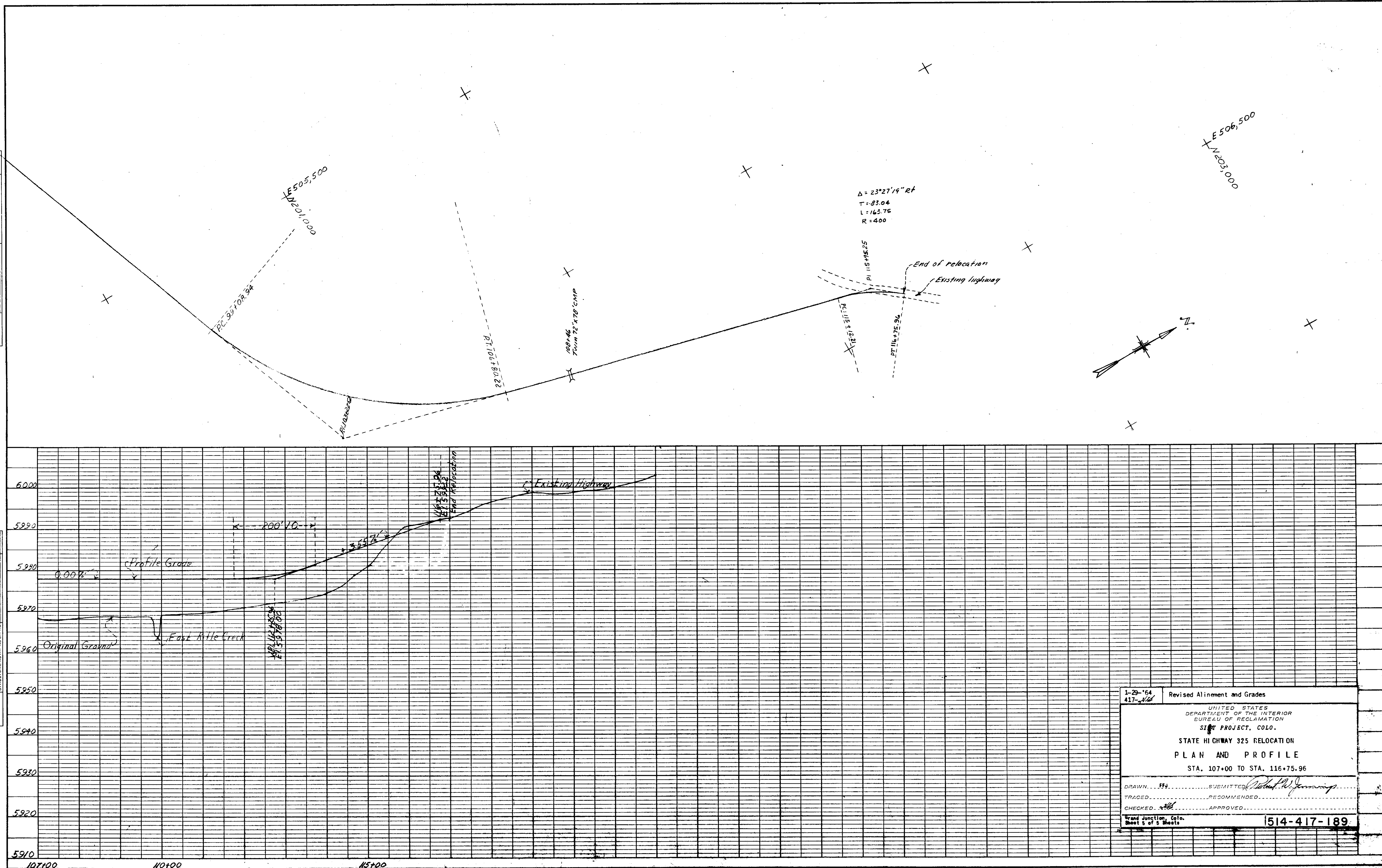
PROFILE	DATE	BY
SURVISED	CHECKED	DATE
NOTE: BOON, GRADES CHECKED, STRUCTURE NOTATIONS OK'D.		
NO.		



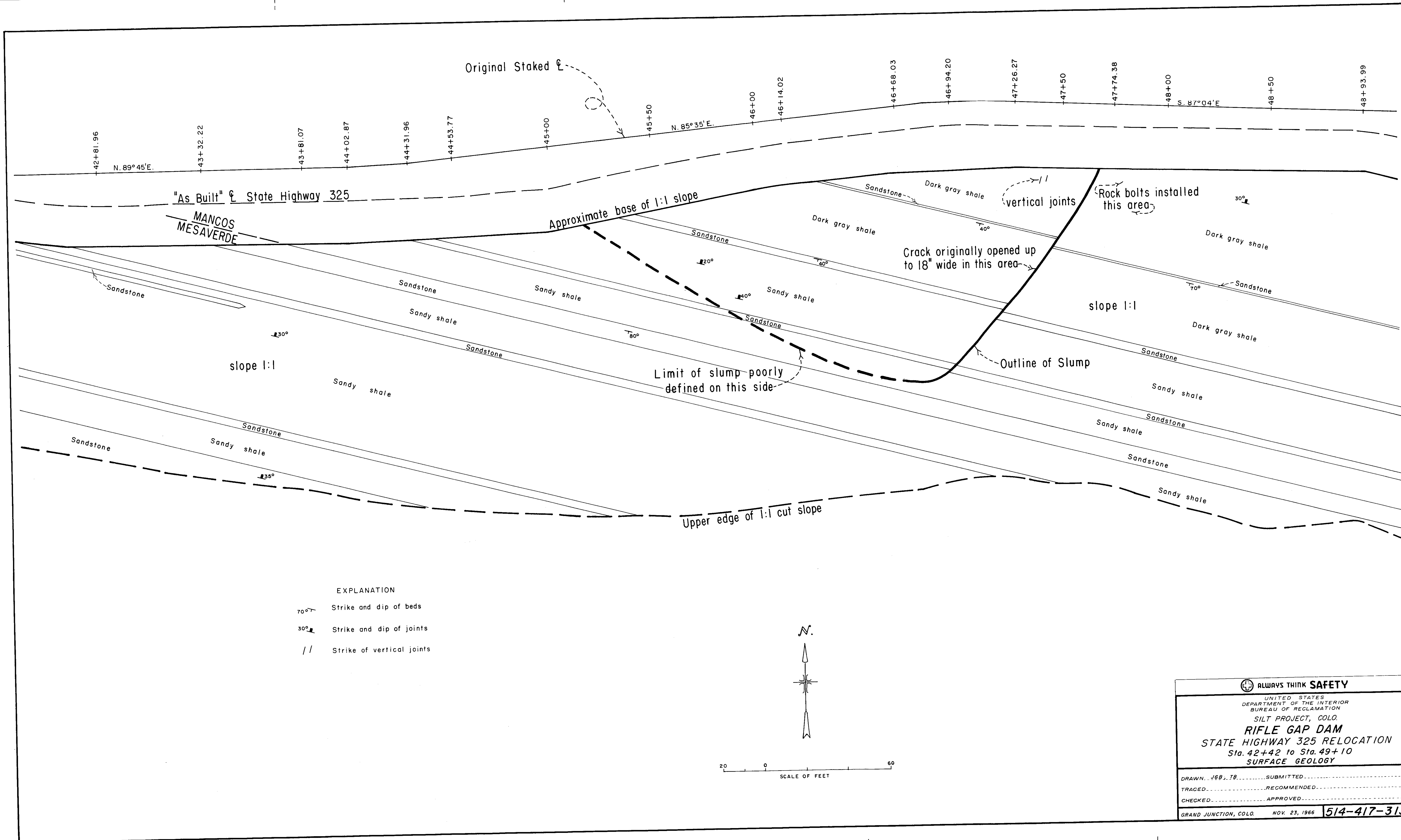
1-29-'64 417- <i>std.</i>	Revised Alignment and Grade
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO. STATE HIGHWAY 325 RELOCATION PLAN AND PROFILE STA. 84+00 TO STA. 107+00	
DRAWN... <i>FFJ</i>	SUBMITTED... <i>W. J. ...</i>
TRAGED... <i>std.</i>	RECOMMENDED... <i>std.</i>
CHECKED... <i>std.</i>	APPROVED... <i>std.</i>
Grand Junction, Colo. Sheet 5 of 5 Sheets	514-417-188

PLAN	SUBMITTED	DATE
	NOTED	BY
	NOTED	BY
	NOTED	BY

PROFILE	SUBMITTED	DATE
	NOTED	BY
	NOTED	BY
	NOTED	BY



1-29-64 417-116	Revised Alignment and Grades
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO.	
STATE HIGHWAY 325 RELOCATION PLAN AND PROFILE STA. 107+00 TO STA. 116+75.96	
DRAWN... <i>FFJ</i>	SUBMITTED... <i>Robert W. Jennings</i>
TRACED... <i>FFJ</i>	RECOMMENDED... <i>FFJ</i>
CHECKED... <i>FFJ</i>	APPROVED... <i>FFJ</i>
Grand Junction, Colo. Sheet 5 of 5 Sheets	514-417-189



ALWAYS THINK SAFETY

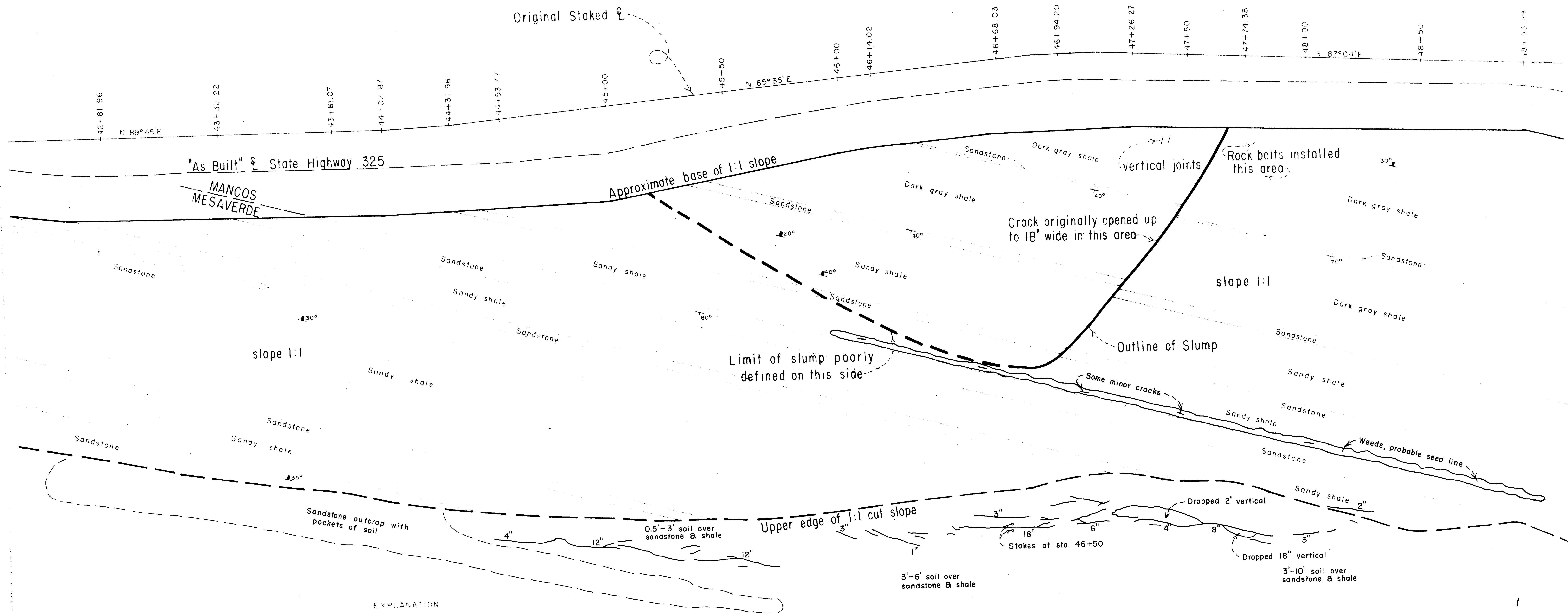
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
SILT PROJECT, COLO.
RIFLE GAP DAM
STATE HIGHWAY 325 RELOCATION
Sta. 42+42 to Sta. 49+10
SURFACE GEOLOGY

DRAWN J68 JTB SUBMITTED

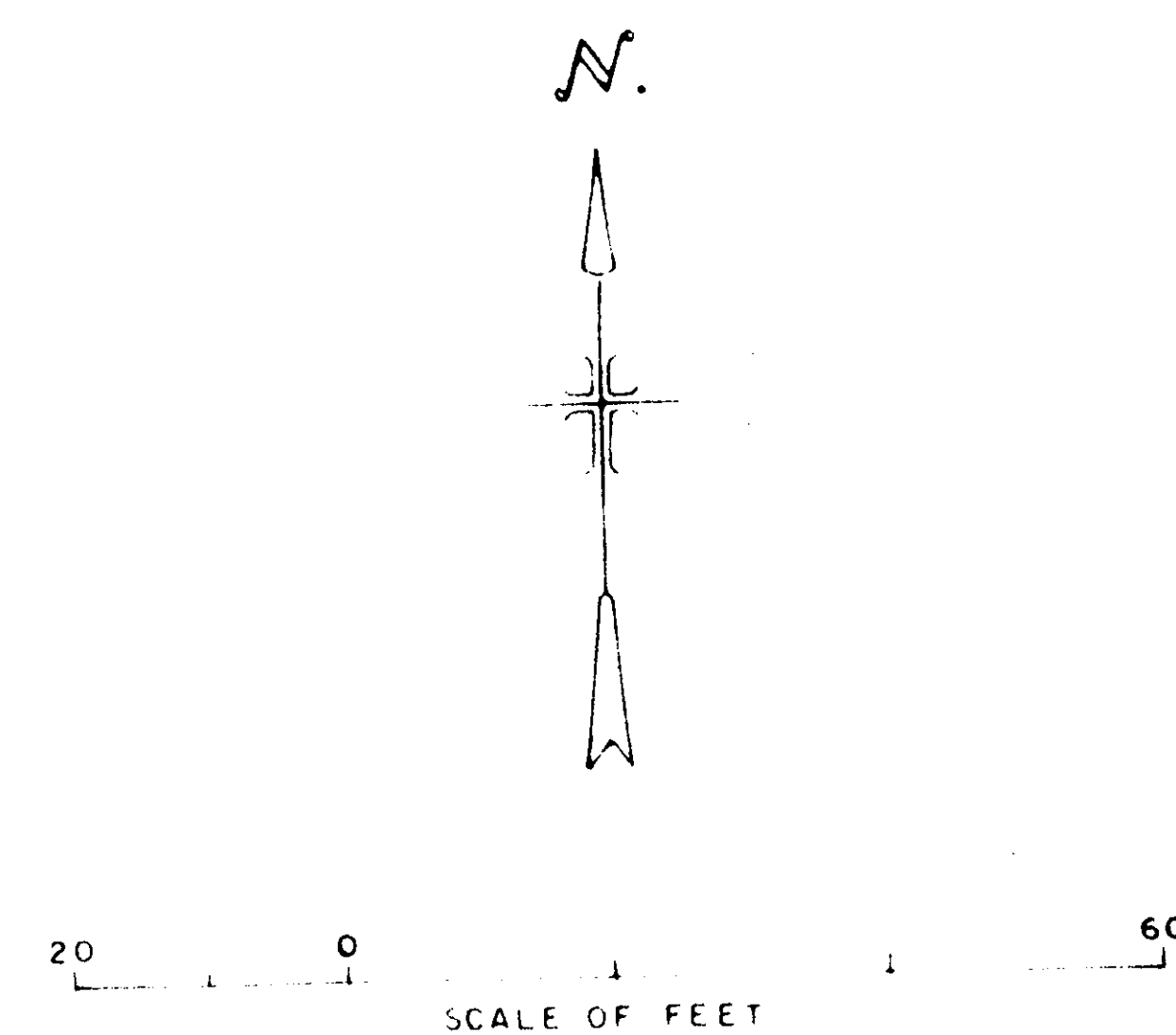
TRACED RECOMMENDED

CHECKED APPROVED

GRAND JUNCTION, COLO. NOV. 23, 1966 514-417-313

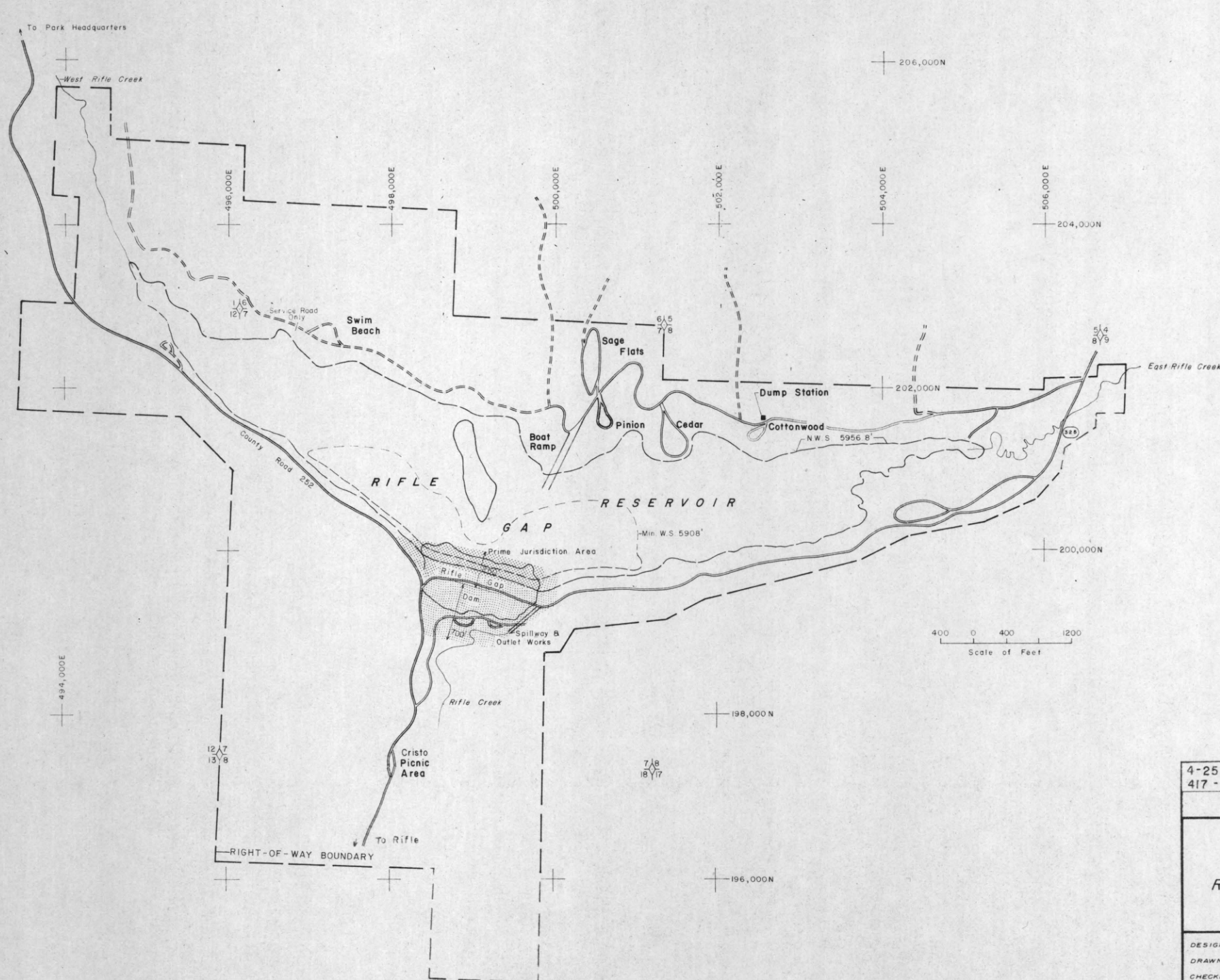


- EXPLANATION
- 70° 30' strike and dip of beds
- 30° strike and dip of joints
- // strike of vertical joints
- 12" Crack outlined 10-6-69 showing width of opening as measured about 1' down inside crack.



Geology by Joe G. Barnes

SILT PROJECT, COLO	
RIFLE GAP DAM	
STATE HIGHWAY 325 RELOCATION	
Sta 42+42 to Sta. 49+10	
SURFACE GEOLOGY	
JGB, TB	
GRAND JUNCTION, COLO	OCT. 16, 1969
514-417-321	

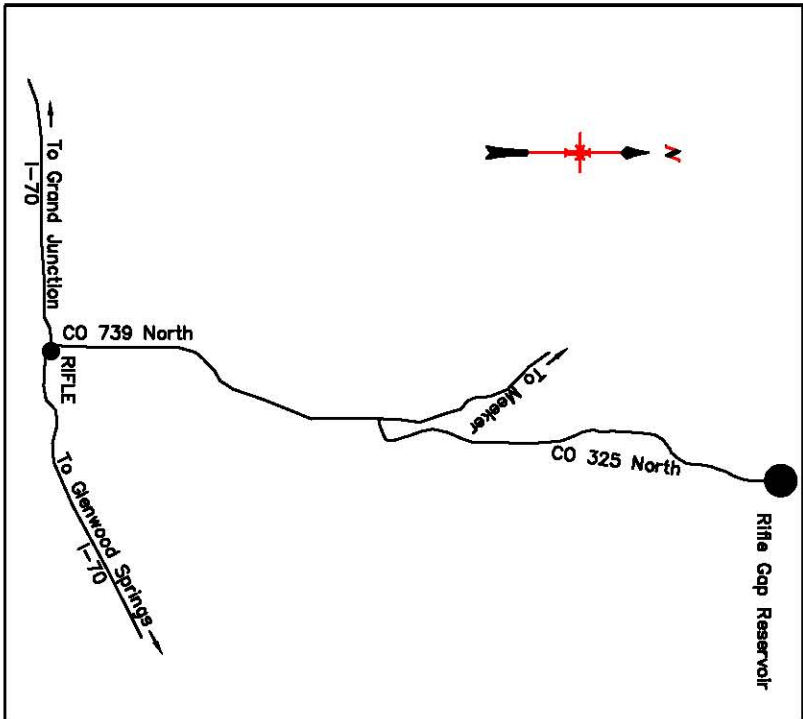
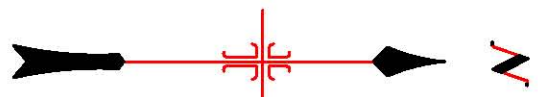


4-25-84 417-RD	CHANGED: R.O.W. Boundary Lines
 ALWAYS THINK SAFETY	
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLO.	
RESERVOIR MANAGEMENT AREA RIFLE GAP RESERVOIR	
DESIGNED <i>S.R.S.</i>	SUBMITTED _____
DRAWN <i>M.L.F.</i>	RECOMMENDED _____
CHECKED _____	APPROVED _____
GRAND JUNCTION, COLO.	9-2-81 514-417-327



RIFLE GAP RESERVOIR

Township 5 South, Ranges 93 & 92 West
6th Principal Meridian



LEGEND

- Boundary of Land Administered by Bureau of Reclamation
- (YELLOW Area) FEE LAND--Third Party Oil and Gas Rights.
- [BLUE Area] WITHDRAWN LAND.
- [BLUE Area] ACQUIRED LAND--Third Party Mineral Rights.
- RIFLE GAP DAM.
- PJA Closed Area
- Fence Line
- Unpaved Road
- Paved Road
- BLM Survey Corners
- State Highway 325--Relocated Right-of-Way Easement
- Garfield County Road 252--60' Right-of-Way Easement

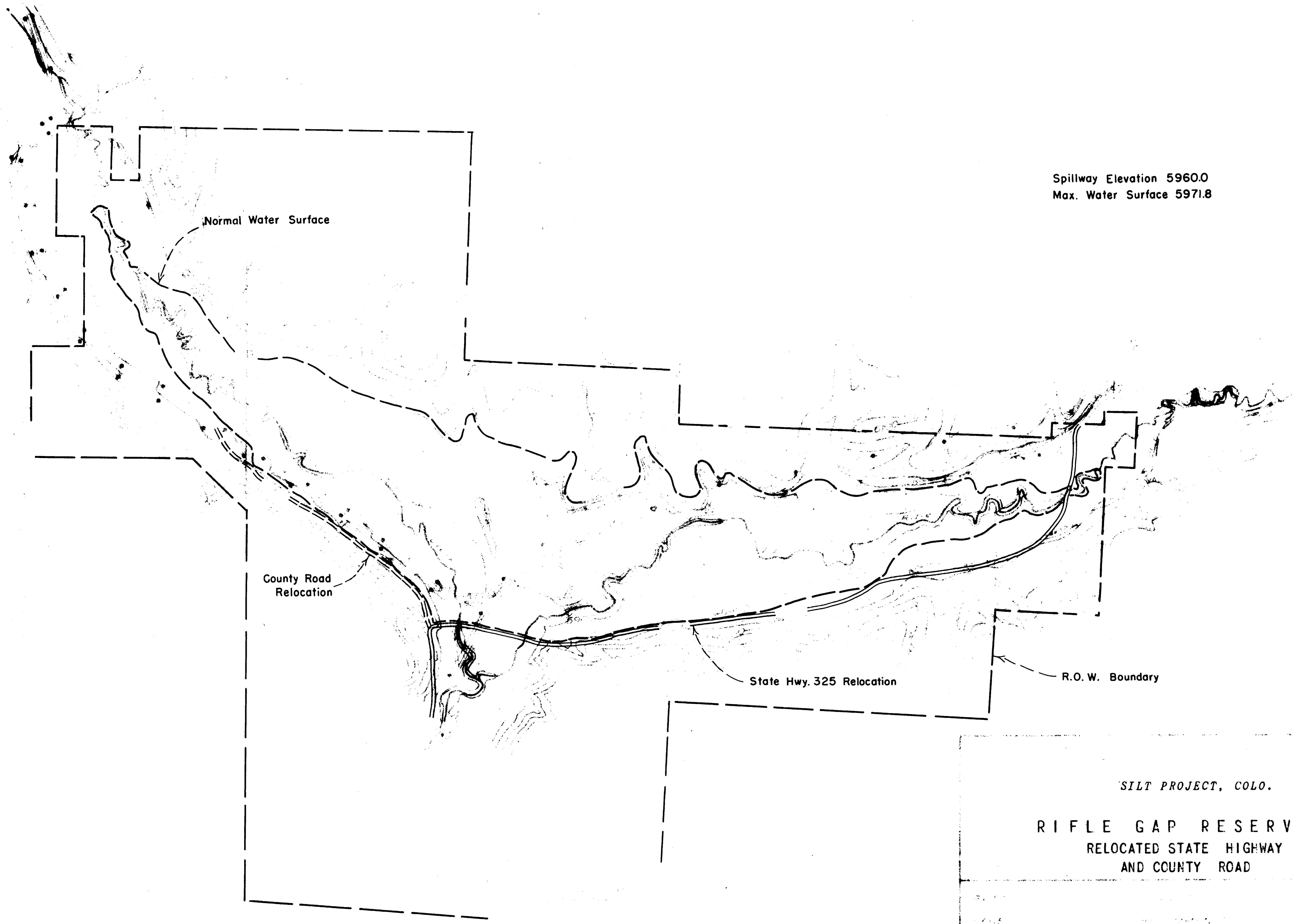
ALWAYS THINK SAFETY

DESIGNED	FIELD APPROVAL
DRAWN <i>Lda. J.L. Cardona</i>	TECHNICAL APPROVAL
CHECKED	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT - COLORADO RESOURCE MAP RIFLE GAP RESERVOIR AREA BOUNDARY AND LAND STATUS	

PRELIMINARY DRAWING
Subject to Change
LIMITED TO THE CORRECTNESS OF
INFORMATION AVAILABLE AT TIME
DRAWING WAS PREPARED

(NAME) (DATE)

CADD SYSTEM: AutoCAD 14.01
DATE AND TIME PLOTTED: MAY 22, 2003 9:00 AM
PLOTTER: HP DesignJet 500
PLOTTER MODEL: 514-417-426



Spillway Elevation 5960.0
Max. Water Surface 5971.8

Normal Water Surface

County Road Relocation

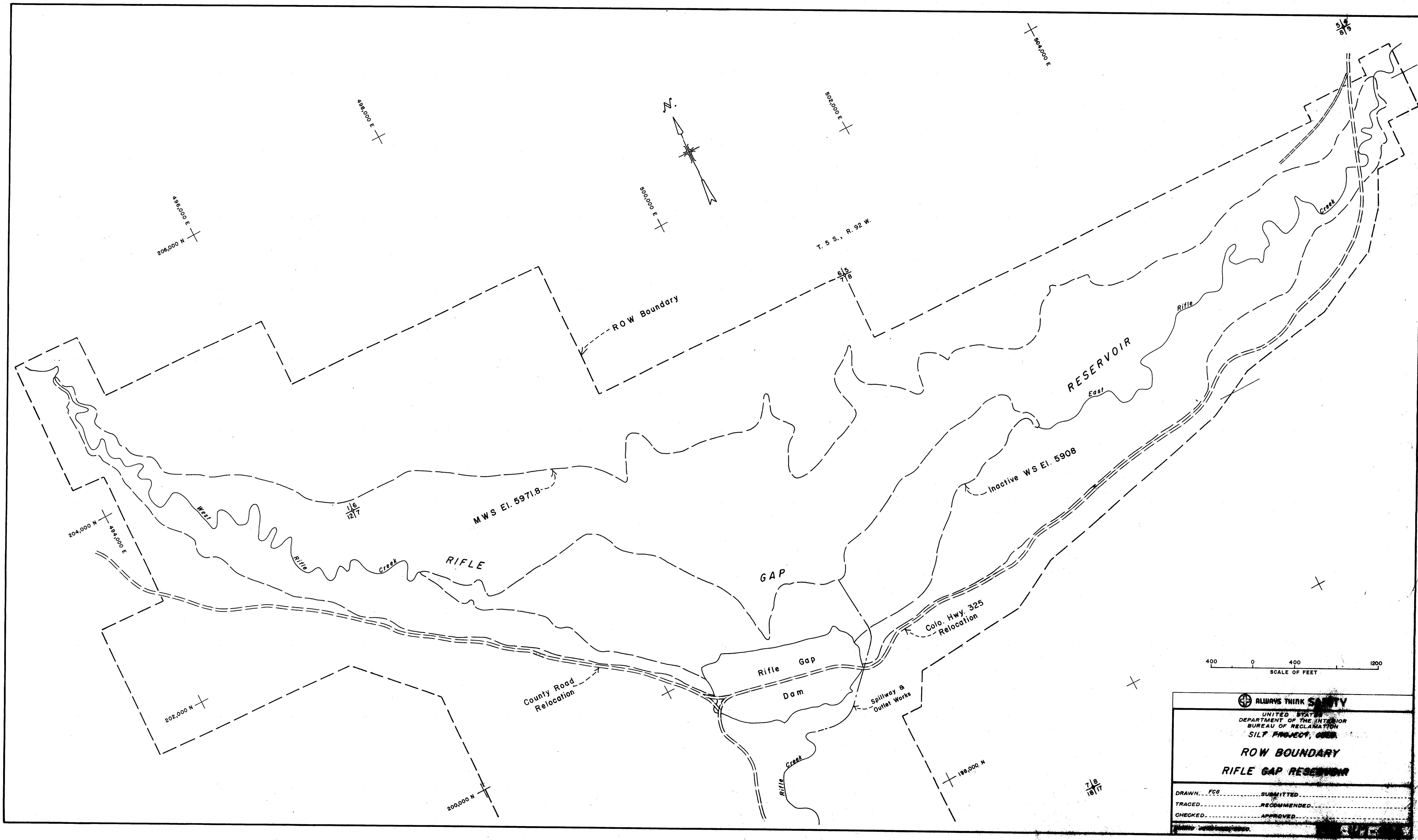
State Hwy. 325 Relocation

R.O.W. Boundary

SILT PROJECT, COLO.

RIFLE GAP RESERVOIR
RELOCATED STATE HIGHWAY
AND COUNTY ROAD

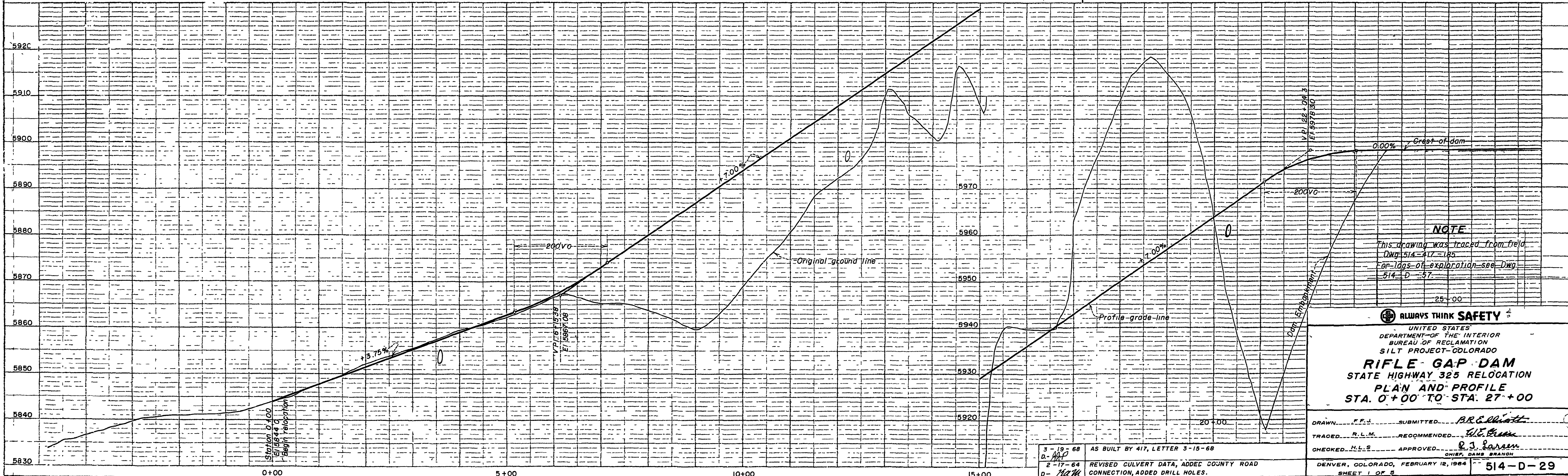
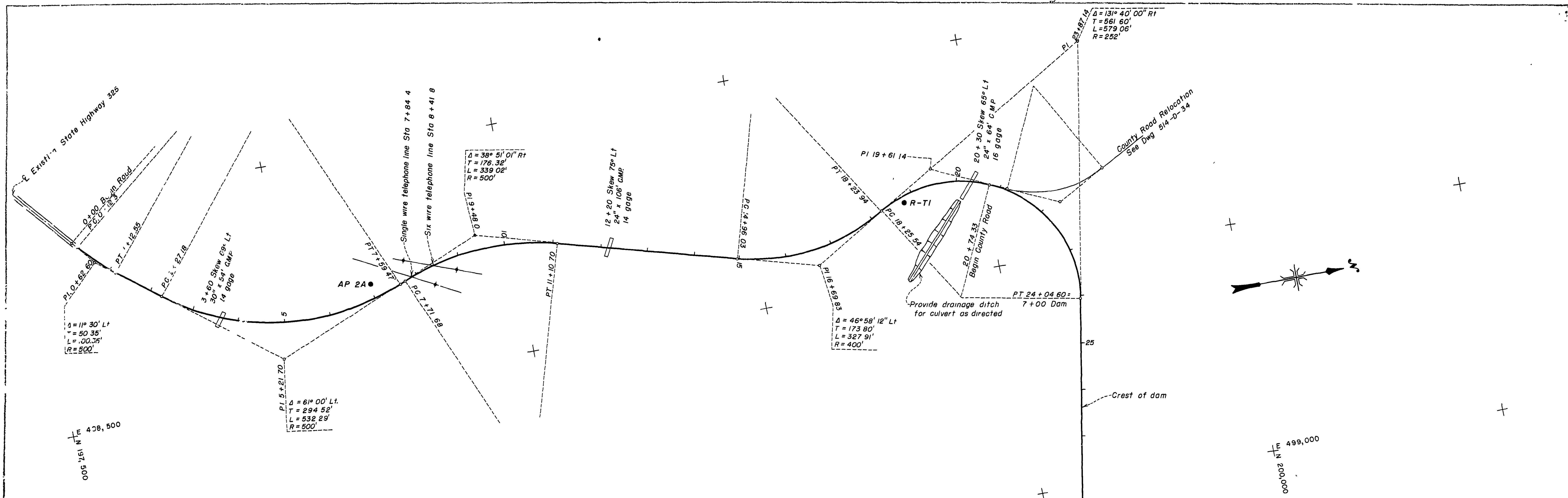
514-417-462



ALWAYS THINK SAFETY	
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT, COLORADO	
ROW BOUNDARY RIFLE GAP RESERVOIR	
DRAWN: FCG	SUBMITTED: _____
TRACED: _____	RECOMMENDED: _____
CHECKED: _____	APPROVED: _____
DRAWN: [Signature]	

PLATE 1
NOTES
NOTE: BOOK ALIGNED WITH CHECK 1
NO. 1

PROFILE
DATE: 3-15-68
NOTE: BOOK ALIGNED WITH CHECK 1
NO. 1



NOTE
This drawing was traced from field DWG 514-417-185 for logs of exploration see DWG 514-D-57

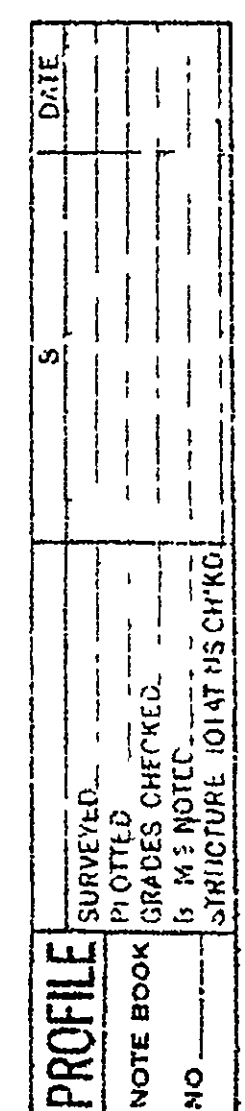
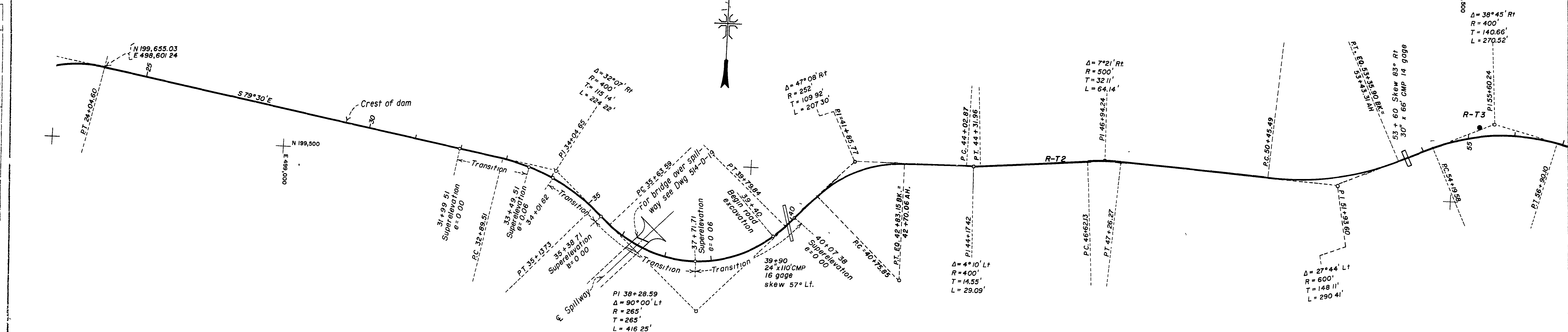
ALWAYS THINK SAFETY
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
SILT PROJECT-COLORADO

RIFLE GAP DAM
STATE HIGHWAY 325 RELOCATION
PLAN AND PROFILE
STA. 0+00 TO STA. 27+00

DRAWN: F.F.S. SUBMITTED: R.G. Elliott
TRACED: R.L.M. RECOMMENDED: R.G. Elliott
CHECKED: H.L.S. APPROVED: R.G. Elliott
CHIEF, DAM BRANCH

DENVER, COLORADO, FEBRUARY 12, 1964
SHEET 1 OF 3

514-D-29



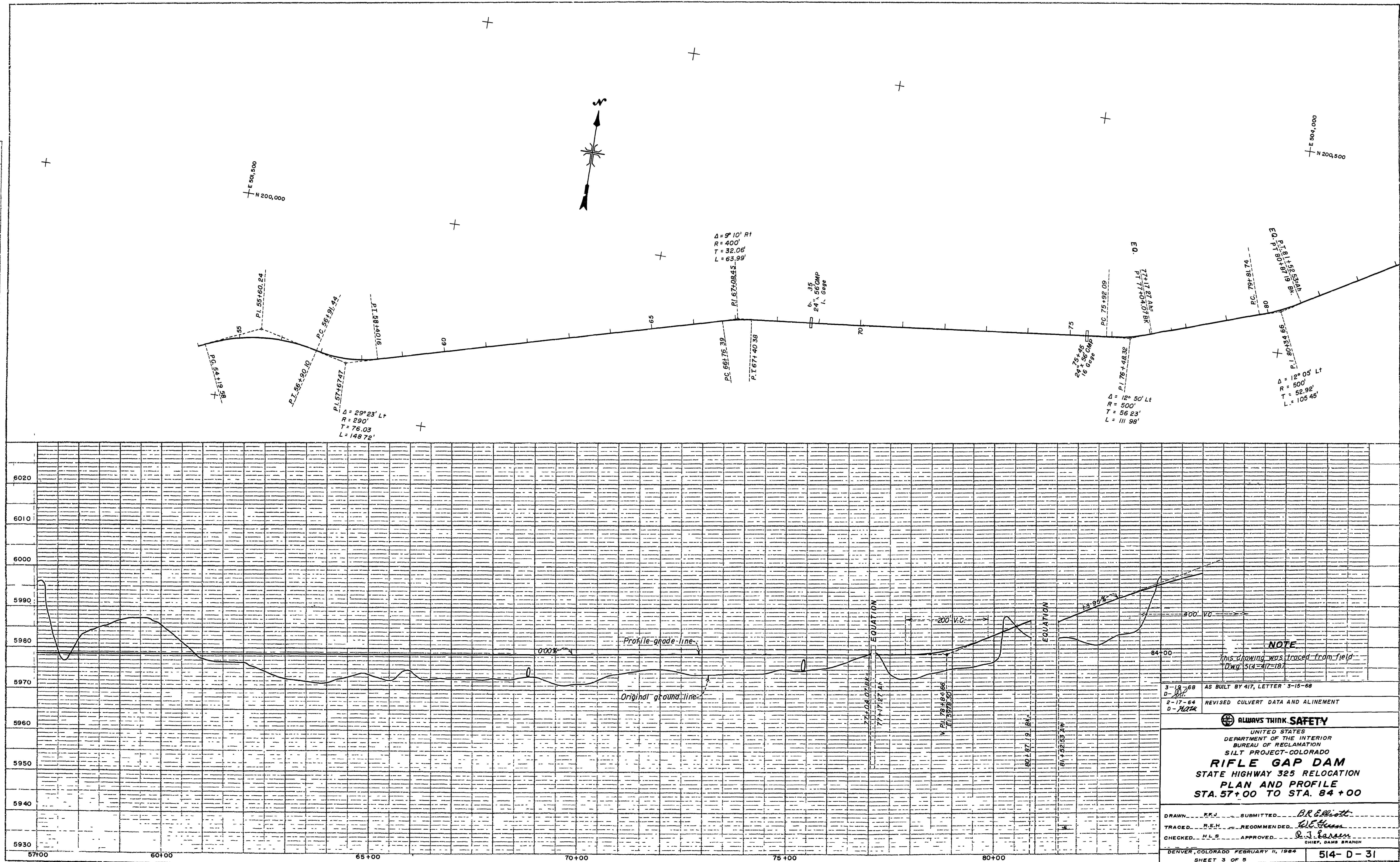
NOTE
This drawing was traced from field
Dwg 514-417-186.

1-2-68 D-7607M	AS BUILT BY 417, LTR 11-30-67
2-17-64 D-7607M	REVISED CULVERT NOTES, ADDED DRILL HOLES. SUPERELEVATION DATA AND SPILLWAY

		UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT-COLORADO
RIFLE GAP DAM STATE HIGHWAY 325 RELOCATION PLAN AND PROFILE STA. 27+00 TO STA. 57+00		
DRAWN <u>RFJ</u>	SUBMITTED <u>BR Edgett</u>	
TRACED <u>JJR</u>	RECOMMENDED <u>HE Green</u>	
CHECKED <u>MLS</u>	APPROVED <u>O J Garvin</u> CHIEF, DAMS BRANCH	
DENVER, COLORADO, FEBRUARY 12, 1964 SHEET 2 OF 5		514-D-

PLAN	SURVEYED	DATE
	PLOTTED	DATE
	NOTE BOOK	ALIGNED
	NOTE BOOK	RECHECKED

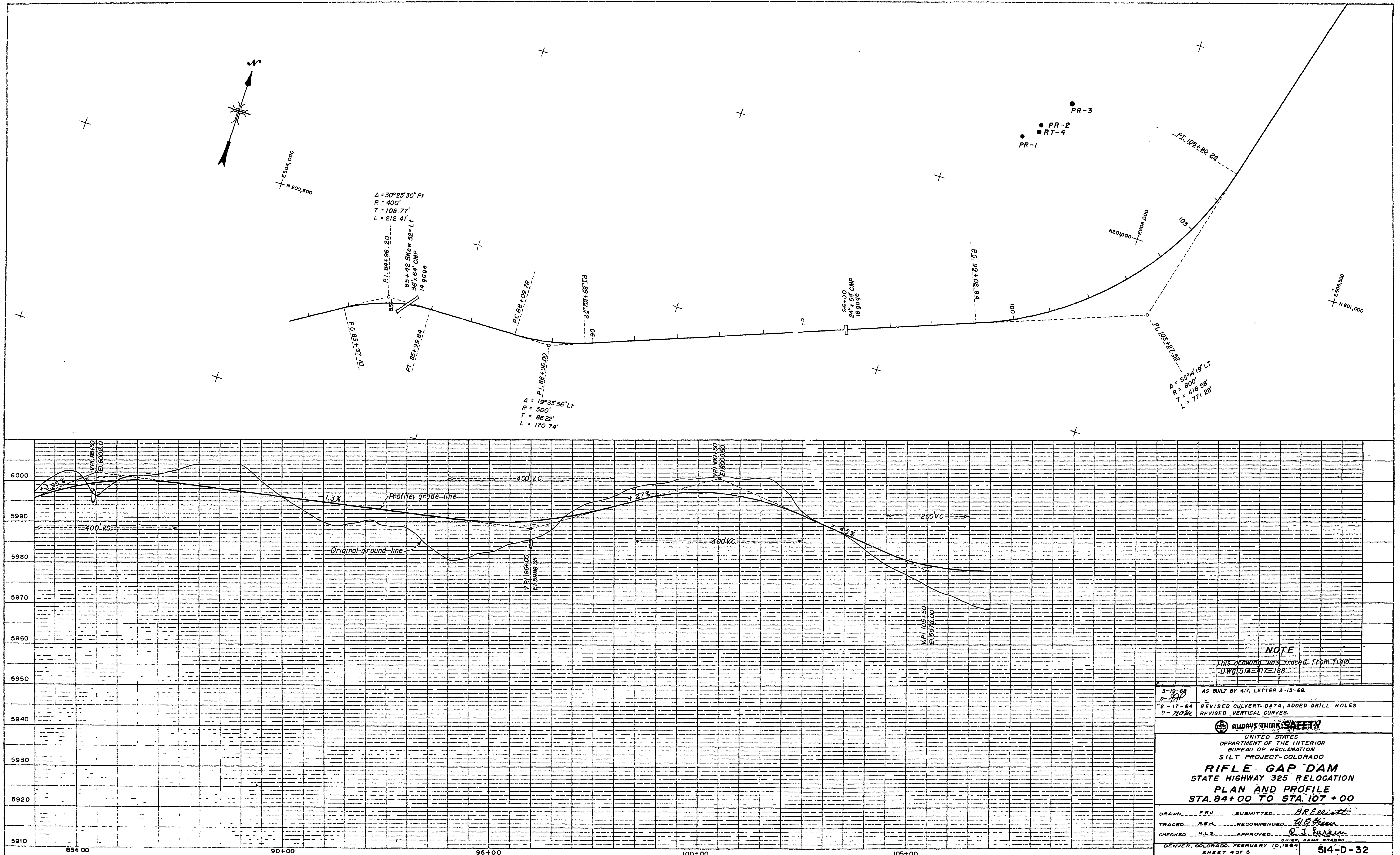
PROFILE	SURVEYED	DATE
	PLOTTED	DATE
	NOTE BOOK	ALIGNED
	NOTE BOOK	RECHECKED



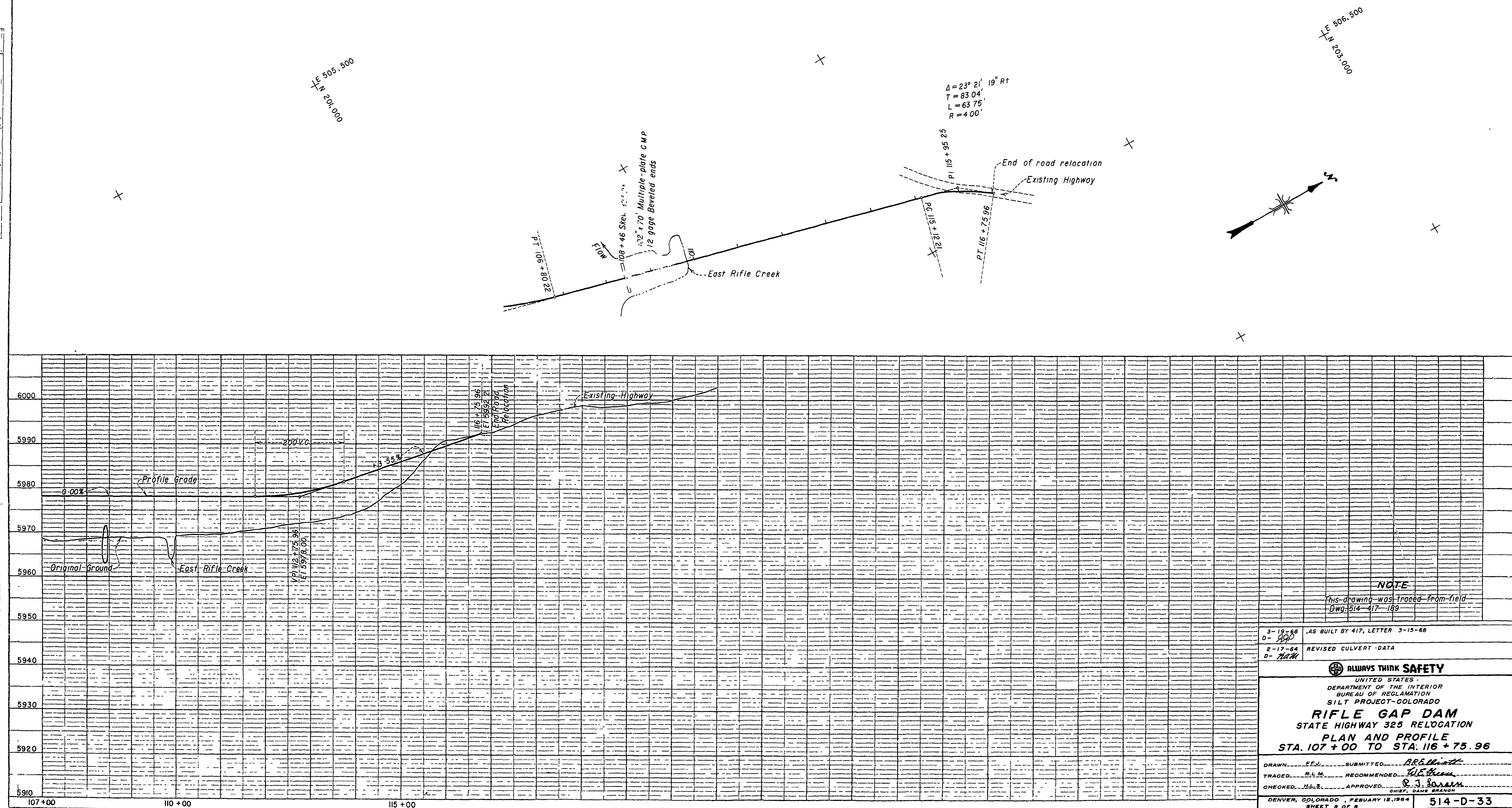
NOTE This drawing was traced from field DWG 1514-417-181	
3-19-68 D-100	AS BUILT BY 417, LETTER 3-15-68
2-17-64 D-100	REVISED CULVERT DATA AND ALINEMENT
ALWAYS THINK SAFETY UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SALT PROJECT-COLORADO RIFLE GAP DAM STATE HIGHWAY 325 RELOCATION PLAN AND PROFILE STA. 57+00 TO STA. 84+00	
DRAWN: R.F.J. TRACED: R.E.H. CHECKED: H.L.S.	SUBMITTED: B.R. Elliott RECOMMENDED: W.E. Green APPROVED: R.J. Karam CHIEF, DAMS BRANCH
DENVER, COLORADO FEBRUARY 11, 1964 SHEET 3 OF 5	

2-101-0.6

4650
22"x36"

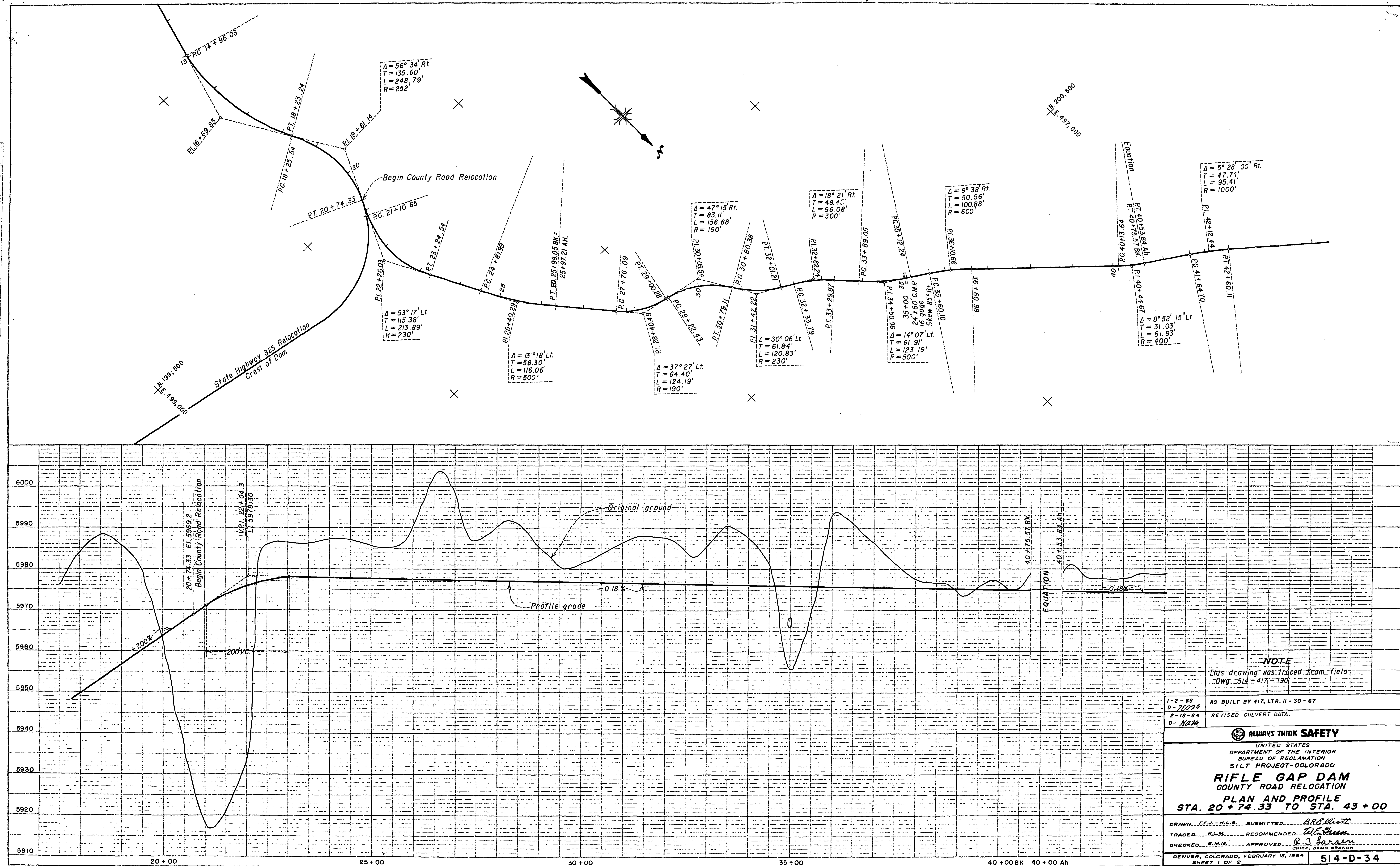


PROFILE	SURVEYED _____	DV _____	DATE _____
NOTE BOOK	PLOTTED _____	_____	_____
NO.	GRADES CHECKED BY ME NOTED _____ STRUCTURE MARKINGS SHOWN _____	_____	_____



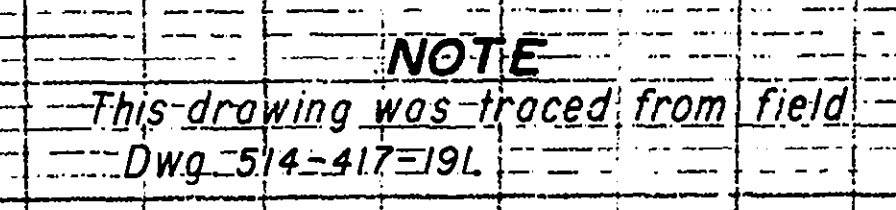
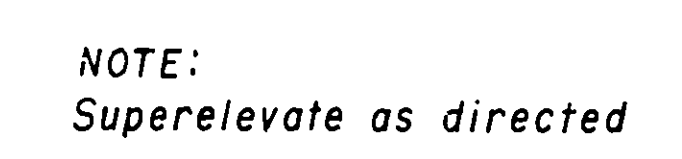
PLAN	DATE	BY	CHECKED
	NO. 1	NO. 2	NO. 3

PROFILE	DATE	BY	CHECKED
	NO. 1	NO. 2	NO. 3



1-2-68 D-7/274	AS BUILT BY 417, LTR. 11-30-67
2-18-64 D-124	REVISED CULVERT DATA.
ALWAYS THINK SAFETY UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT-COLORADO RIFLE GAP DAM COUNTY ROAD RELOCATION PLAN AND PROFILE STA. 20 + 74.33 TO STA. 43 + 00	
DRAWN BY: <i>FEV. H. L. S.</i> SUBMITTED BY: <i>BRG. H. L. S.</i> TRACED BY: <i>R. L. M.</i> RECOMMENDED BY: <i>W. E. H. L. S.</i> CHECKED BY: <i>B. M. M.</i> APPROVED BY: <i>R. J. L. S.</i> DENVER, COLORADO, FEBRUARY 13, 1964 SHEET 1 OF 2	

PROFILE	SUBJECT:	BY:	DATE:
NOTE BOOK	I. LISTED		
NO.	6. M. FOLIO		
	SUBJECTS RE-CLASSIFIED		



3-19-68 D- <i>SH</i>	AS BUILT BY 417, LETTER 3-15-68.
2-18-64 D- <i>NAW</i>	ADDED NOTES AND TYPICAL SECTIONS.



ALWAYS THINK SAFETY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
SILT PROJECT-COLORADO

RIFLE GAP DAM

COUNTY ROAD RELOCATION

PLAN AND PROFILE

STA. 43+00 TO STA. 56+50

DRAWN F.F.J.-H.L.S. SUBMITTED *BRE Wirth*

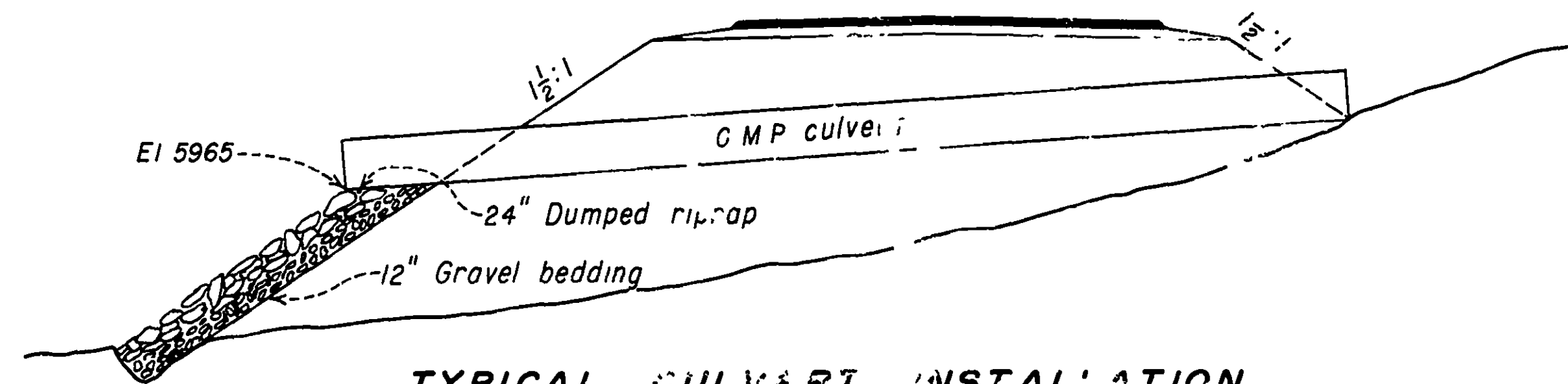
TRACED P.A.O. RECOMMENDED *W.E. Ham*

CHECKED E.M.M. APPROVED *R.J. Johnson*

CHIEF ENGINEER

514-D-35

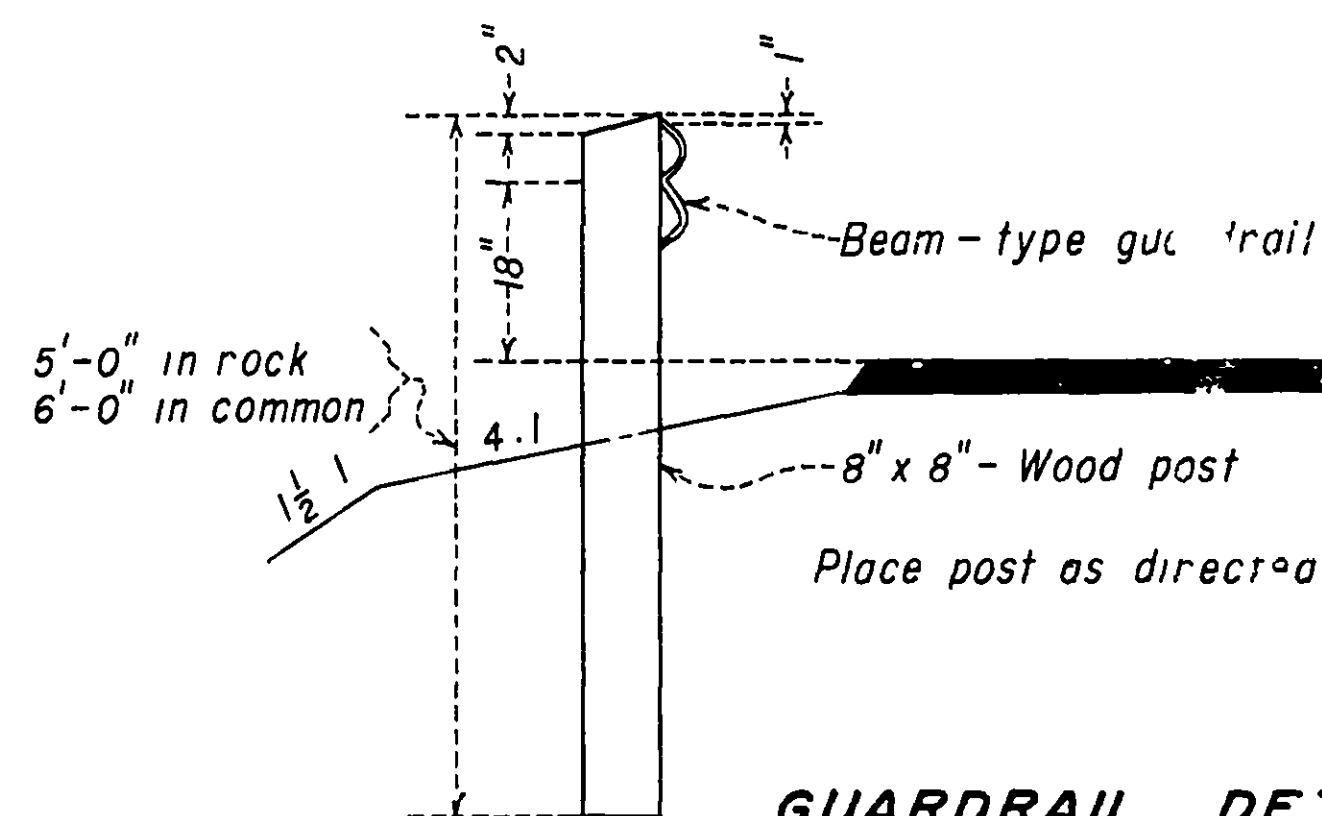
DENVER, COLORADO, FEBRUARY 19, 1964
SHEET 2 OF 2



**TYPICAL CULVERT INSTALLATION
IN CONSERVATION POOL**

GUARDRAIL

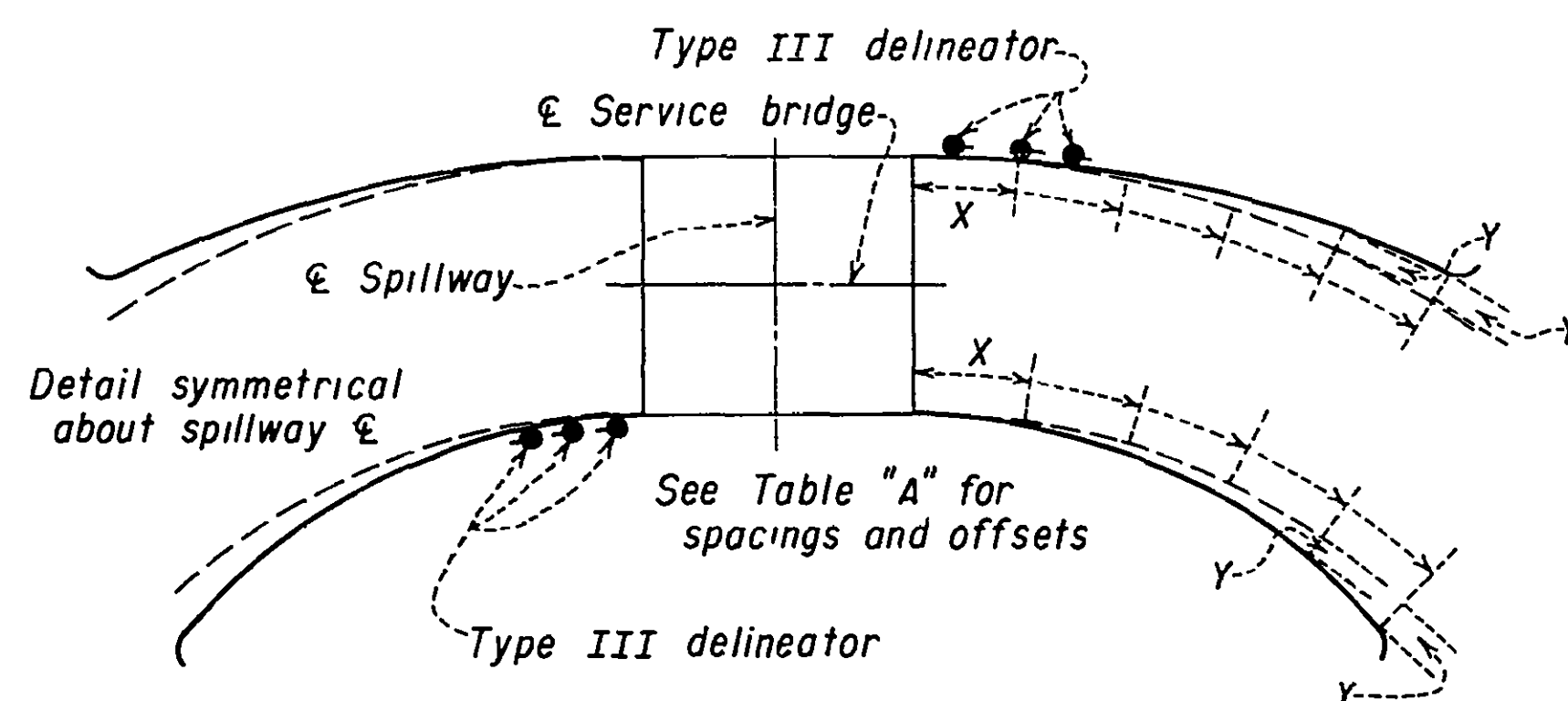
Sta 9 + 00 to 17 + 25 Right
Sta 19 + 50 to 36 + 25 Right
Sta 36 + 50 to 37 + 00 Right
Sta 22 + 50 to 36 + 25 Left
Sta 36 + 50 to 39 + 25 Left
Sta 41 + 00 to 54 + 00 Left



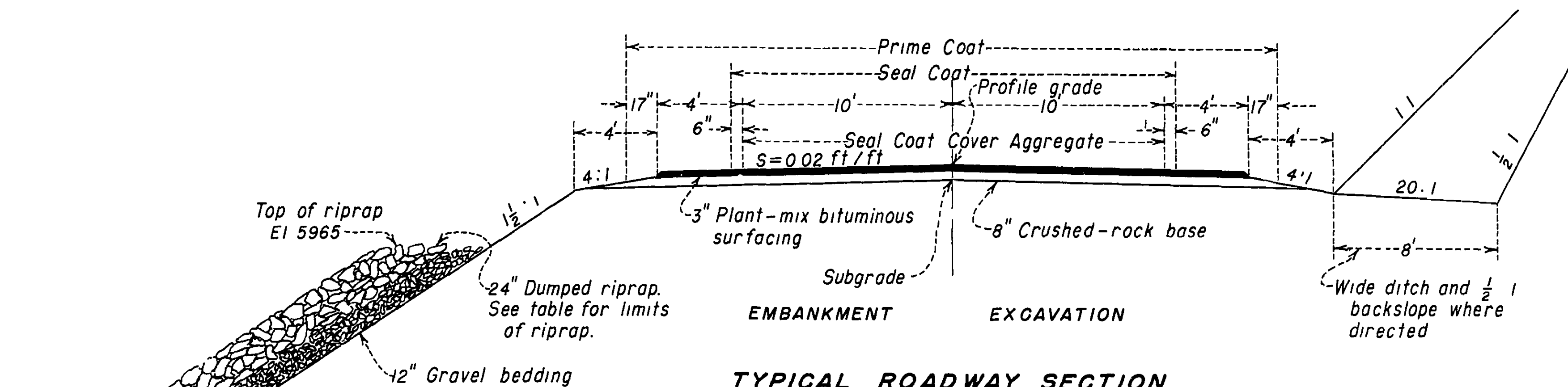
GUARDRAIL DETAIL
POST 12'-6" C. TO C.

TABLE A

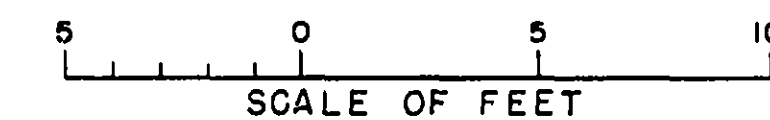
X	Y
10'	0.12'
20'	0.48'
30'	1.08'
40'	1.92'
50'	3.00'



**GUARDRAIL DETAIL AT
SPILLWAY SERVICE BRIDGE**



TYPICAL ROADWAY SECTION

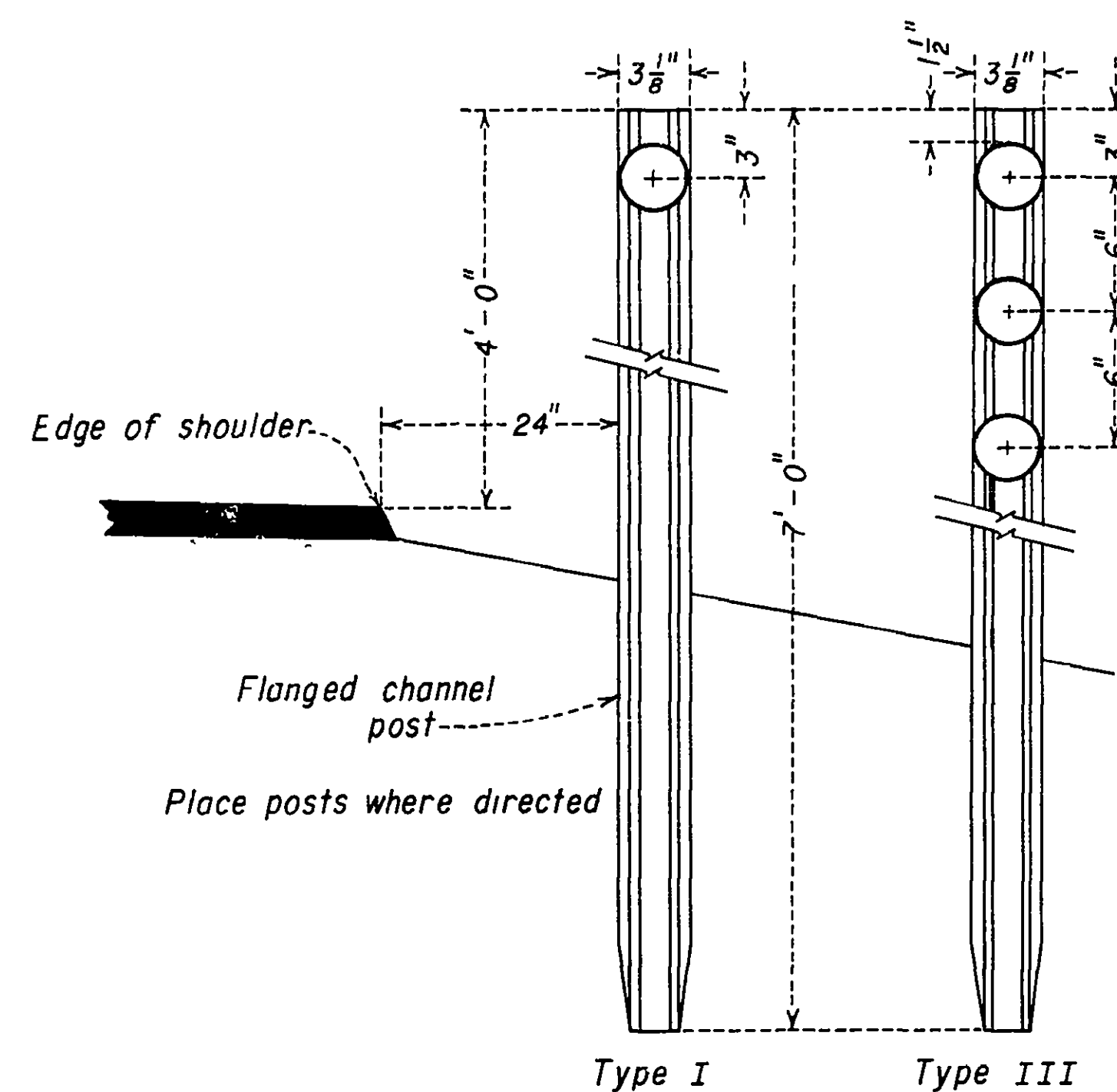


NOTE

Superelevation as directed except where otherwise noted on drawings Widening as directed.
Spiral transitions on curves as directed

RIPRAP LIMITS

Beginning Station	Ending Station
38 + 60 ±	40 + 00 ±
46 + 50 ±	47 + 10 ±
52 + 80 ±	54 + 00 ±
77 + 15 ±	79 + 20 ±



DELINEATOR DETAIL

3-18-68 D-72P	AS BUILT BY 417, LETTER 3-15-68
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF RECLAMATION SILT PROJECT-COLORADO RIFLE GAP DAM STATE HIGHWAY 325 RELOCATION TYPICAL SECTIONS AND MISCELLANEOUS DETAILS	
DRAWN.....K.G.M.	SUBMITTED.....B.R. Elliott
TRACED.....R.L.M.	RECOMMENDED.....W.E. Green
CHECKED.....H.A.M.	APPROVED.....R.J. Barron
CHIEF, DAMS BRANCH	
DENVER, COLORADO, FEBRUARY 4, 1964	
514-D-36	