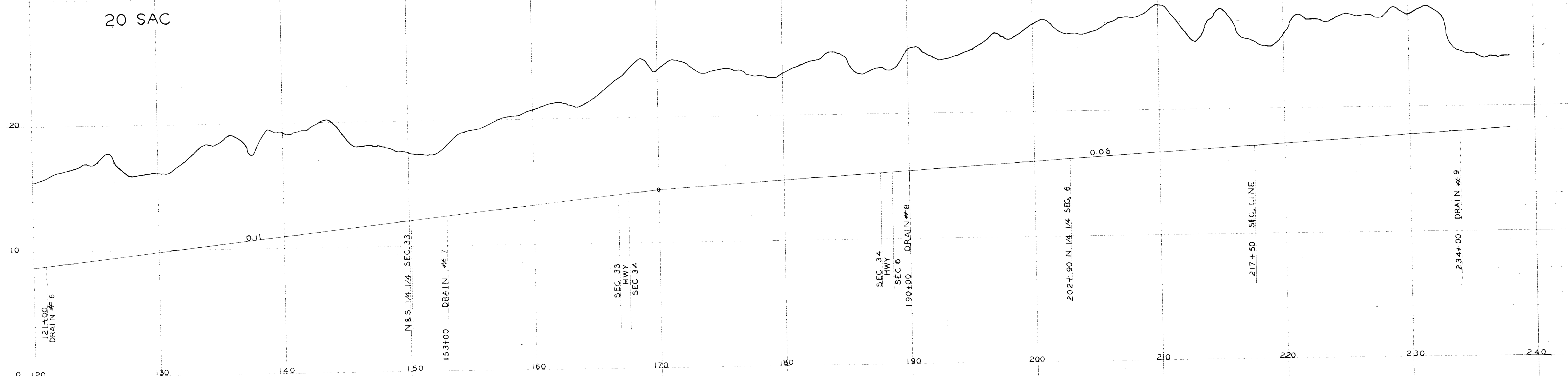


# PROFILE OF DRAINS

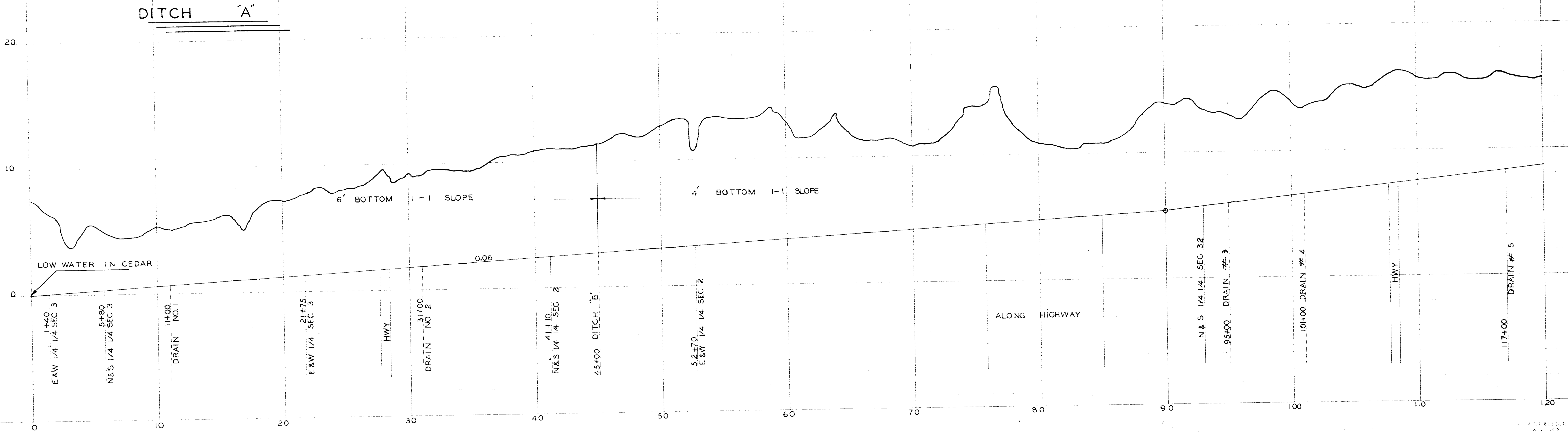
JOINT DRAINAGE DISTRICT

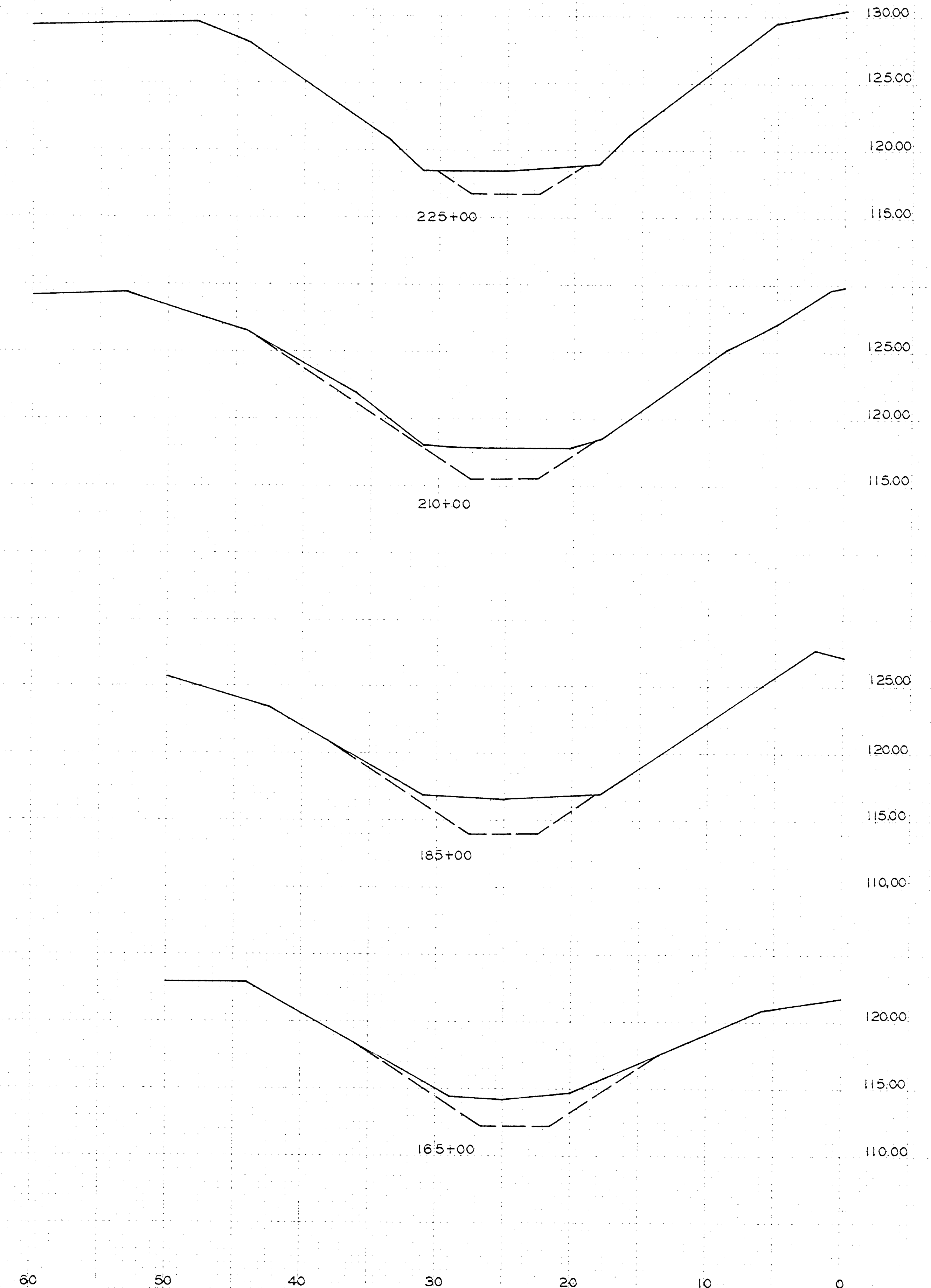
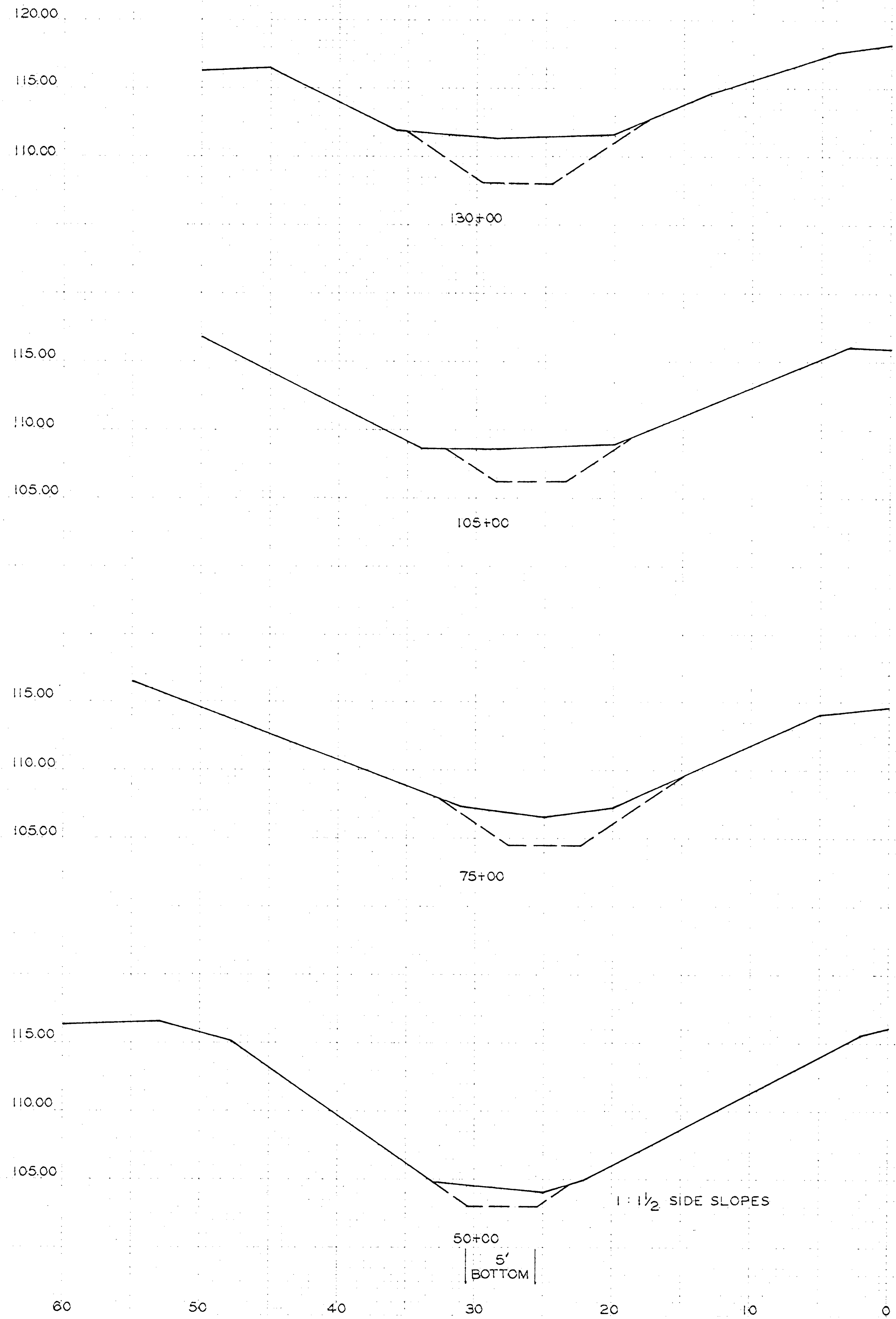
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20 SAC



## DITCH "A"





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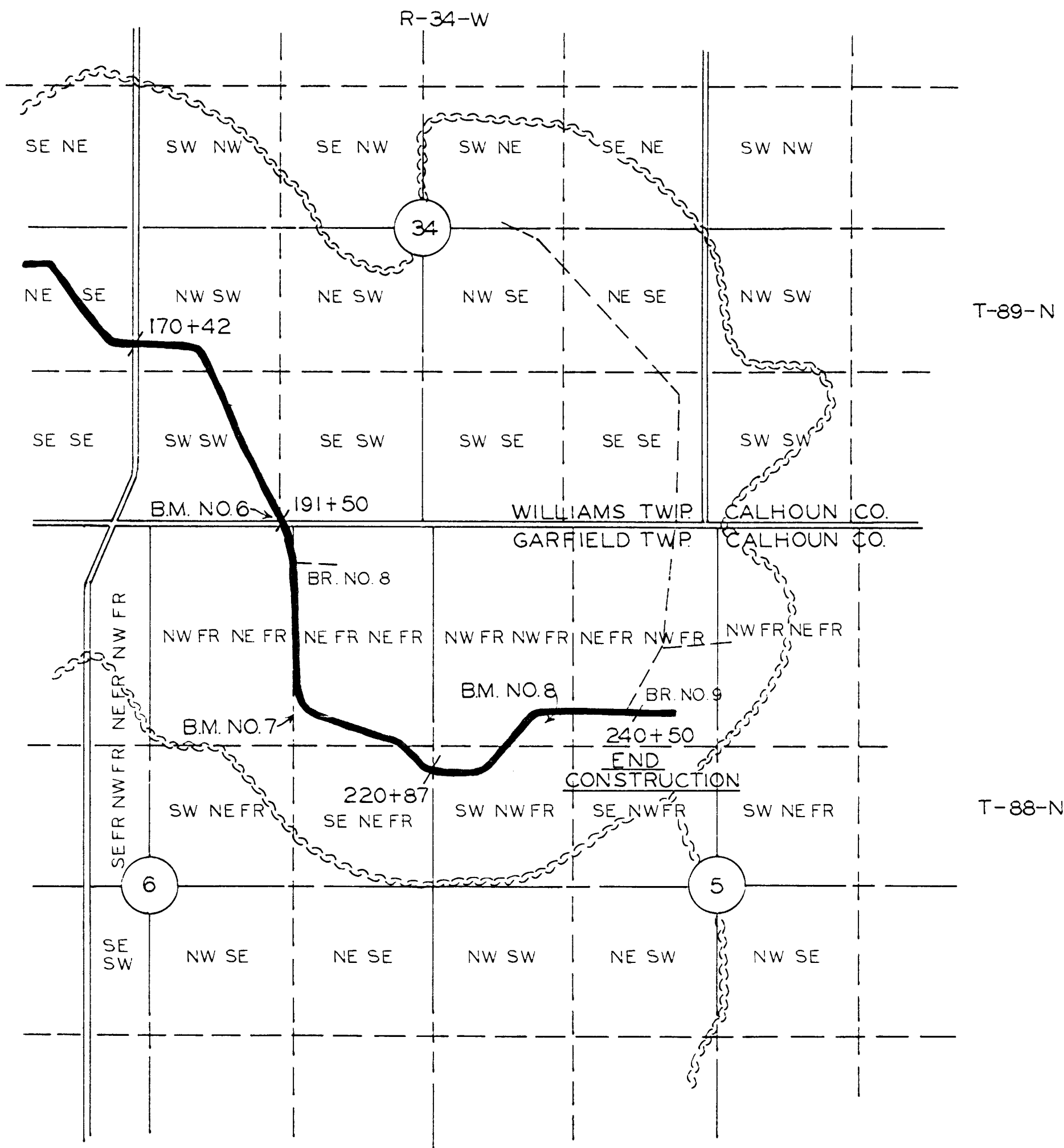
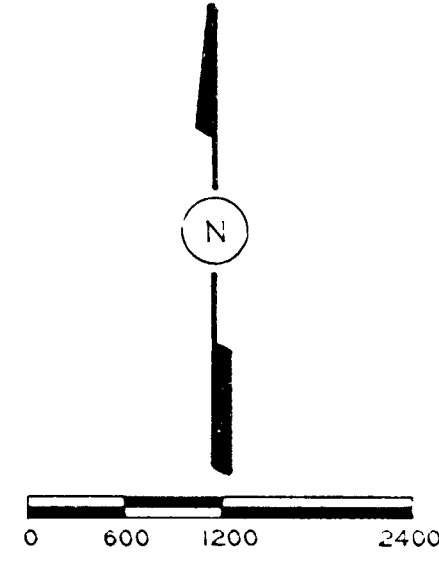


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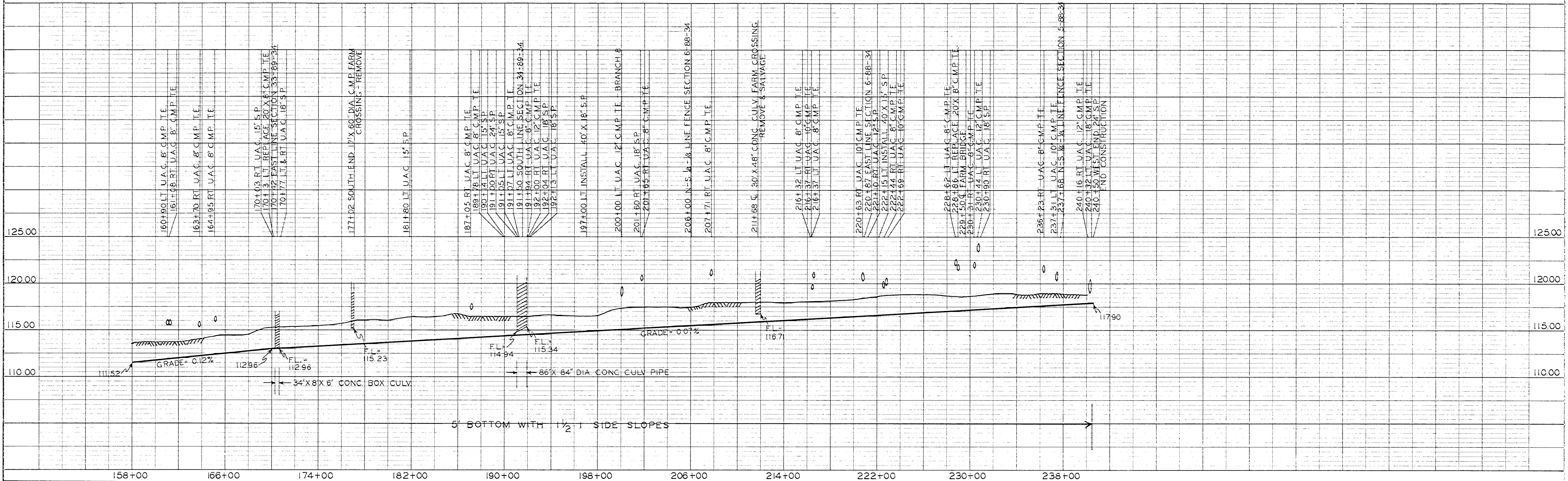
B.M. NO 6  
TOP NORTH END OF 84" DIAMETER CONCRETE  
CULVERT PIPE AT SOUTH LINE OF SECTION  
34, WILLIAMS TWP. STA. 191+07 ELEV.+122.64

B.M. NO 7  
60-D SPIKE IN TOP OF FENCE POST ON NORTH-  
SOUTH FENCE APPROX 100' SOUTH OF DITCH  
STA 206+00. ELEV.+131.25

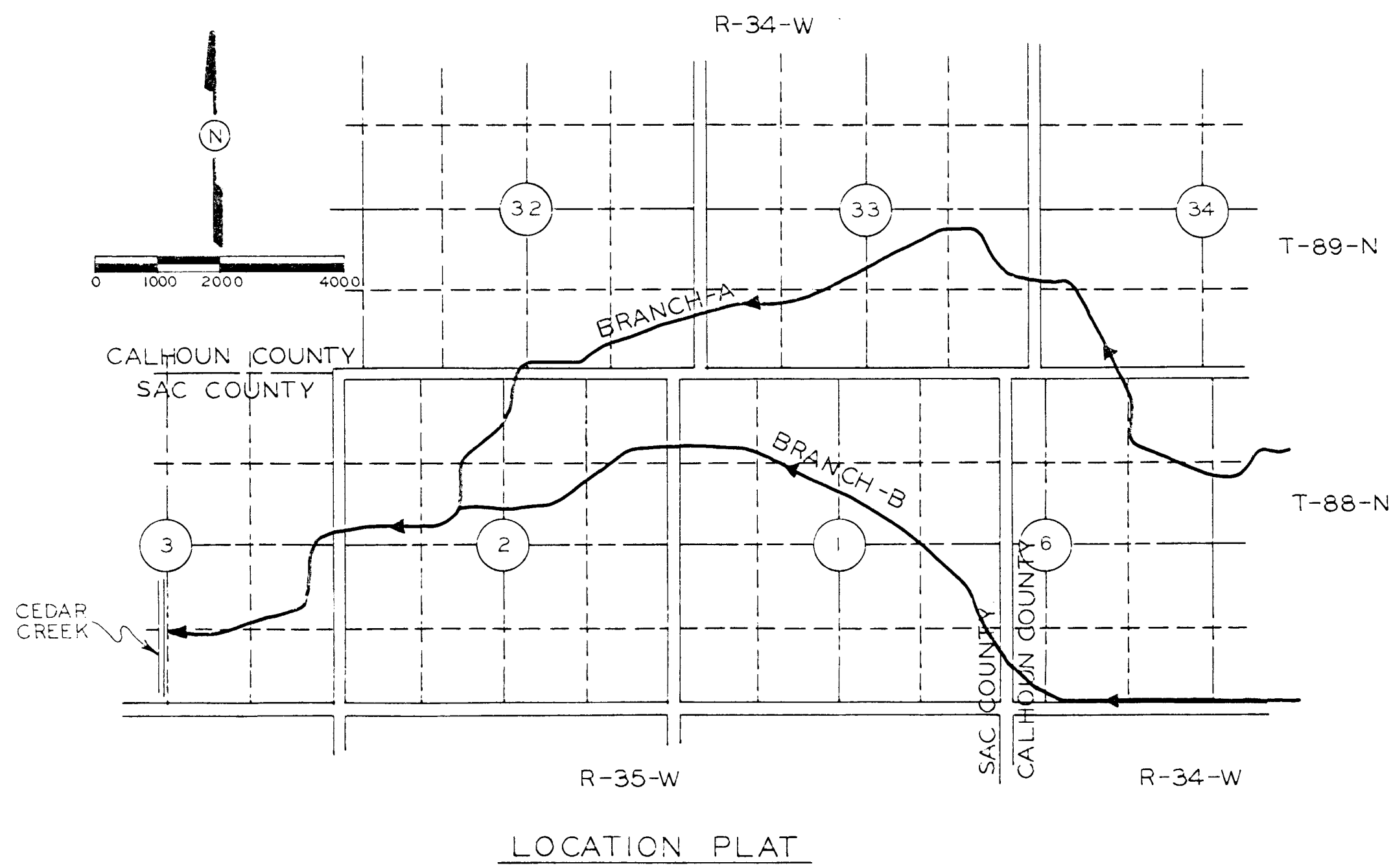
B.M. NO 8  
60-D SPIKE IN PILE CAP AT THE NE CORNER OF  
FARM BRIDGE AT STA. 229+50. ELEV.+126.45



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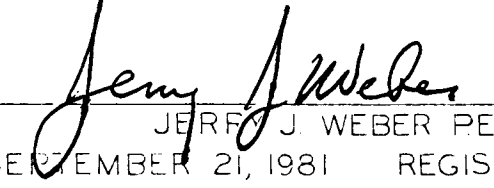
PROPOSED  
 OPEN DITCH CLEANOUT  
 JOINT DRAINAGE DISTRICT  
 NO. 20 SAC COUNTY  
 NO. 119 CALHOUN COUNTY  
 IOWA  
 1981

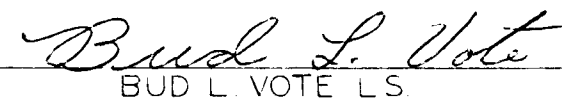


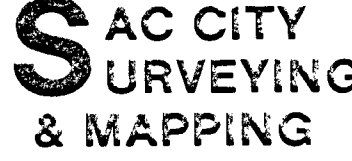
- LEGEND
- ~~~~~ EXTERIOR WATERSHED BOUNDARY
  - OPEN DITCH
  - TILE LINE
  - SECTION LINE
  - 1/4 LINE
  - 1/4 1/4 LINE
  - S.P. SURFACE PIPE
  - TE. TILE EXTENSION
  - U.A.C. USE AS CONSTRUCTED
  - C.M.P. CORRUGATED METAL PIPE

PROJECT QUANTITIES								
ITEMS OF WORK								
EXCAVATION	CLEARING, GRUBBING AND STUMP TREATMENT	BANK LEVELING 100' STATIONS ONE SIDE	CORRUGATED METAL SURFACE PIPE 16 GAUGE LIN. FT.		CORRUGATED METAL TILE OUTLET PIPE 16 GAUGE LIN. FT.			
			15"	18"	8"	10"	12"	15"
20,657 CY.	SEE SCHEDULE	192	280	80	140	20	20	20

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER AND OR LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

  
 JERRY J. WEBER PE  
 DATED: SEPTEMBER 21, 1981 REGISTRATION NO 07629

  
 BUD L. VOTÉ LS  
 DATED: SEPTEMBER 21, 1981 REGISTRATION NO 7718

REV NO	DATE	BY	CK	DESCRIPTION	
REVISIONS					
JOINT DRAINAGE DISTRICT NO. 20 SAC COUNTY NO. 119 CALHOUN COUNTY, IOWA					
		DESIGNED BY DRAWN BY CHECKED BY APPROVED BY	DATE SEPT 1981 SCALE AS SHOWN		
SHEET 1 OF 5			DWG NO 80-12-A	REV NO	