

5/28/95

BM*1 = RR SPIKE SET IN BST DRVE 86.7' RT OF -L- STA 10+75.41, ELEV.=133.33', N 630683.6 E 2254202.4

BM*2 = RR SPIKE SET IN 30" OAK 294.53' RT OF -L- STA 20+11.83, ELEV.=102.66', N 631376.9 E 2254930.7

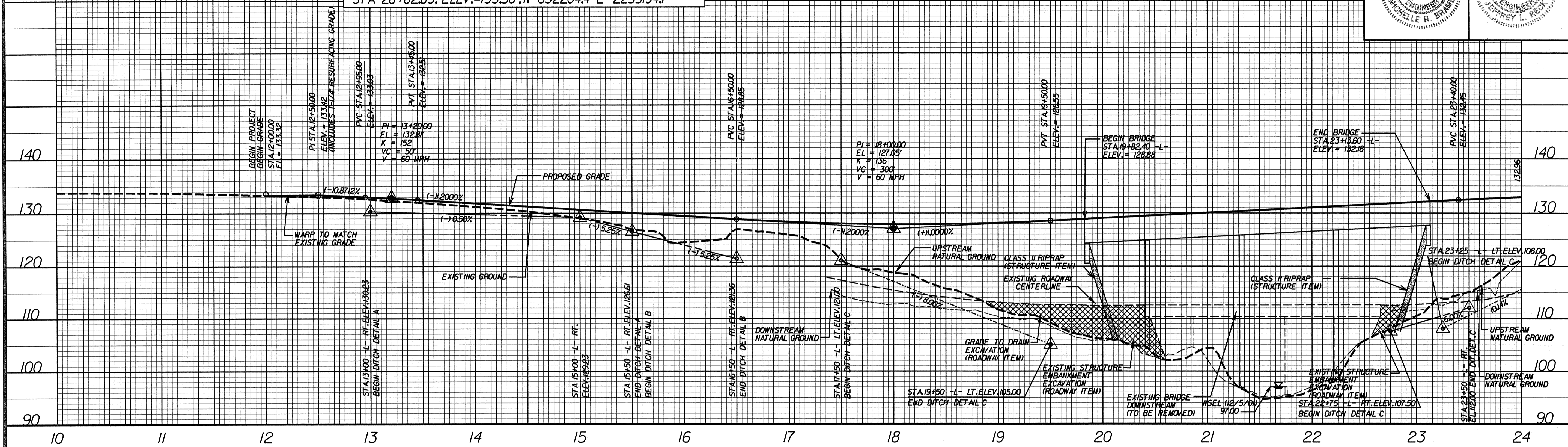
BM*3 = RR SPIKE SET IN 24" CHERRY 140.63' RT OF -L- STA 28+82.83, ELEV.=133.50', N 632204.4 E 2255194.7



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PROJECT REFERENCE NO. B-3865		SHEET NO. 6	
ROADWAY DESIGN ENGINEER MICHELLE R. BRADY		HYDRAULICS ENGINEER JEFFREY L. RECK	

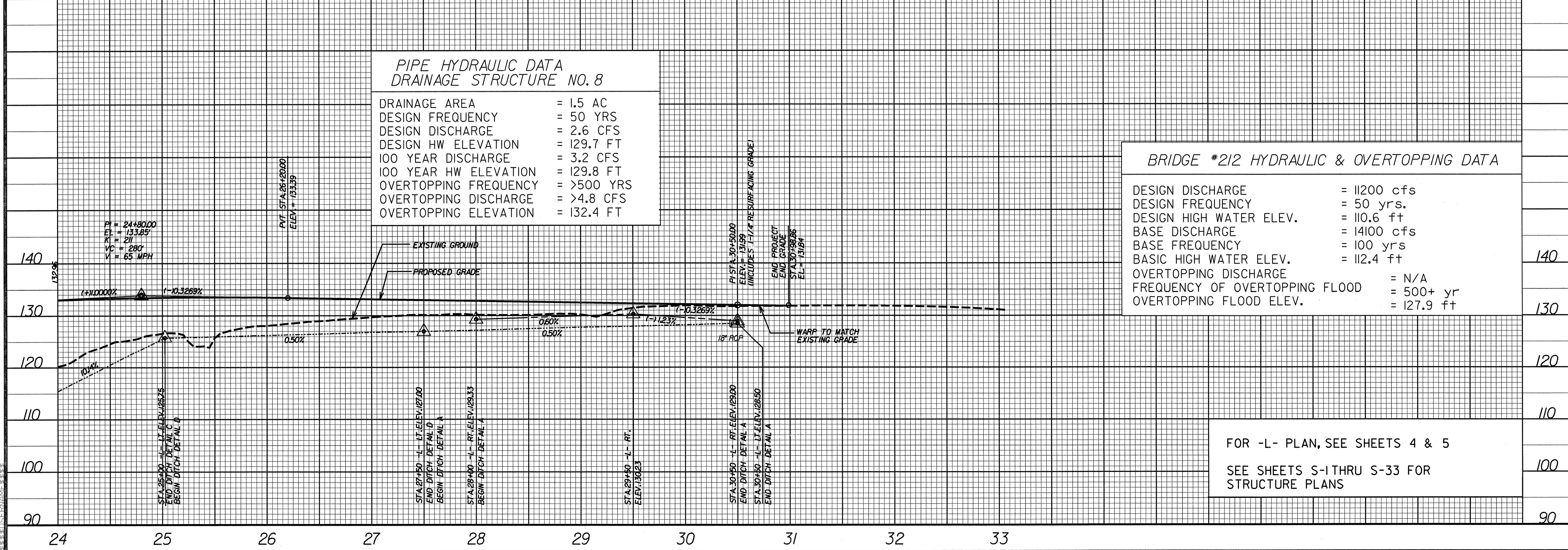


**PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 8**

DRAINAGE AREA	= 1.5 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 2.6 CFS
DESIGN HW ELEVATION	= 129.7 FT
100 YEAR DISCHARGE	= 3.2 CFS
100 YEAR HW ELEVATION	= 129.8 FT
OVERTOPPING FREQUENCY	= >500 YRS
OVERTOPPING DISCHARGE	= >4.8 CFS
OVERTOPPING ELEVATION	= 132.4 FT

BRIDGE #212 HYDRAULIC & OVERTOPPING DATA

DESIGN DISCHARGE	= 11200 cfs
DESIGN FREQUENCY	= 50 yrs.
DESIGN HIGH WATER ELEV.	= 110.6 ft
BASE DISCHARGE	= 14100 cfs
BASE FREQUENCY	= 100 yrs
BASIC HIGH WATER ELEV.	= 112.4 ft
OVERTOPPING DISCHARGE	= N/A
FREQUENCY OF OVERTOPPING FLOOD	= 500+ yr
OVERTOPPING FLOOD ELEV.	= 127.9 ft



FOR -L- PLAN, SEE SHEETS 4 & 5
SEE SHEETS S-1 THRU S-33 FOR
STRUCTURE PLANS

VERTICAL CURVE DATA