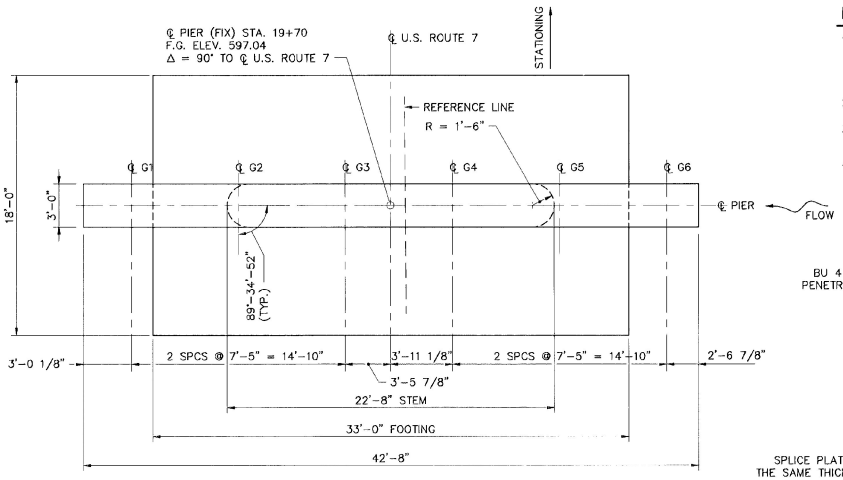
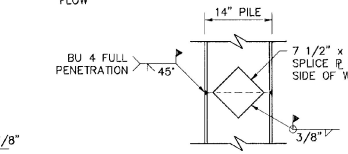


PLAN

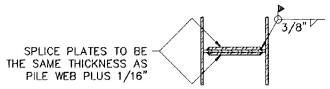
0 4 8 20
SCALE IN FEET

NOTES :

1. ESTIMATED PILE LENGTH = 31 FT. ALL PILES SHALL HAVE AN ULTIMATE CAPACITY OF 2.75 TIMES THE DESIGN LOAD OR 410 KIPS. PILES SHALL BE DRIVEN TO REFUSAL.
2. ALL PILES HP 14x73.
3. FOR SECTIONS 16–16, 17–17 AND 18–18, SEE SHEET BR123.
4. DIM "X", DETERMINED BY THE CONTRACTOR, BEING THE DISTANCE AT WHICH THE SHEETING WILL CLEAR THE BATTERED PILES AT EL. 530±.



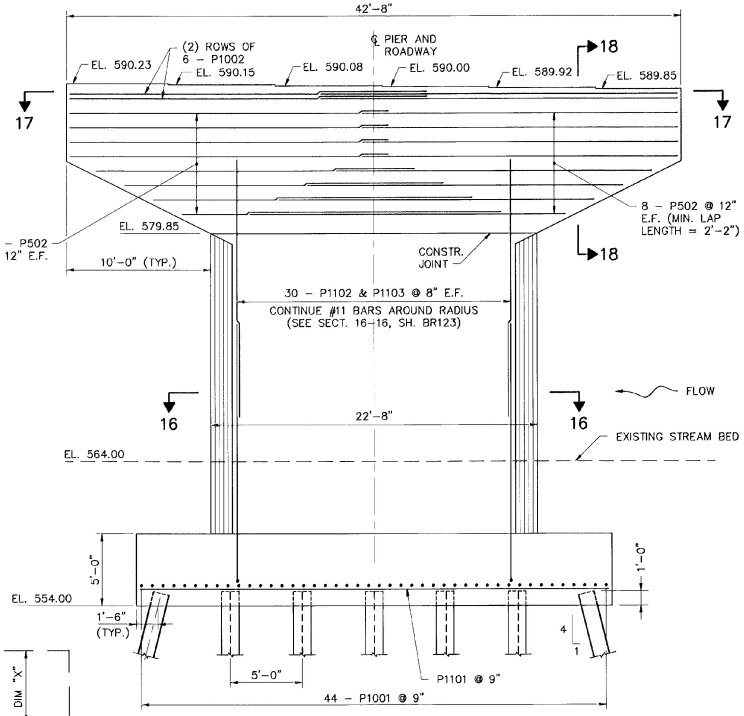
ELEVATION



PLAN

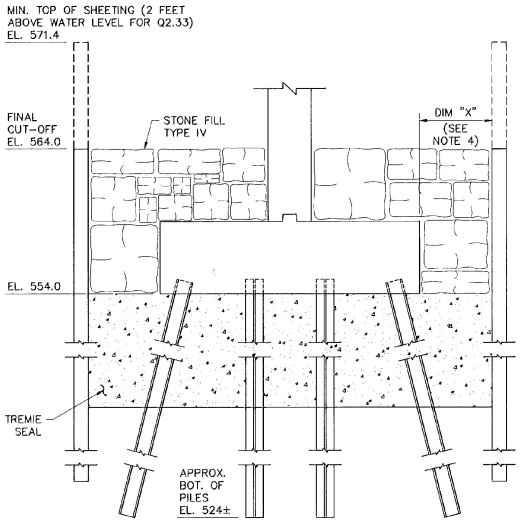
DETAIL OF PILE SPLICE

0 1 2 5
SCALE IN FEET



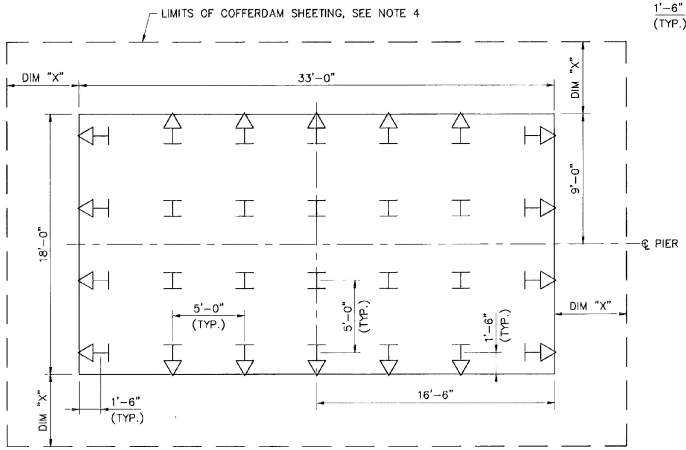
PIER ELEVATION

0 4 8 20
SCALE IN FEET



PIER COFFERDAM DETAIL

0 4 8 20
SCALE IN FEET



▽ - INDICATES DIRECTION OF 1 ON 4 BATTER

FOOTING PLAN

0 4 8 20
SCALE IN FEET

BARNES AND JARNIS, INC.
CONSULTING ENGINEERS
25 STUART STREET, 6TH FL.
BOSTON, MASSACHUSETTS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of WALLINGFORD		Bridge No. 79	
Highway No. U.S. ROUTE 7		Log Sta. / Surv. Sta.	
U.S. ROUTE 7 OVER OTTER CREEK			
PIER PLAN & ELEVATION			
Designed By TJC		Drawn By SAM/JNC	
Checked By DLJ	Date 4/95	Bridge Design Supervisor EMM	Date 4/95
PROJECT WALLINGFORD		PROJECT NO. BRS 0137 (13)	
I.G.C. Info.			
Bridge Sheet No. BR122		Sheet 48 of 113	