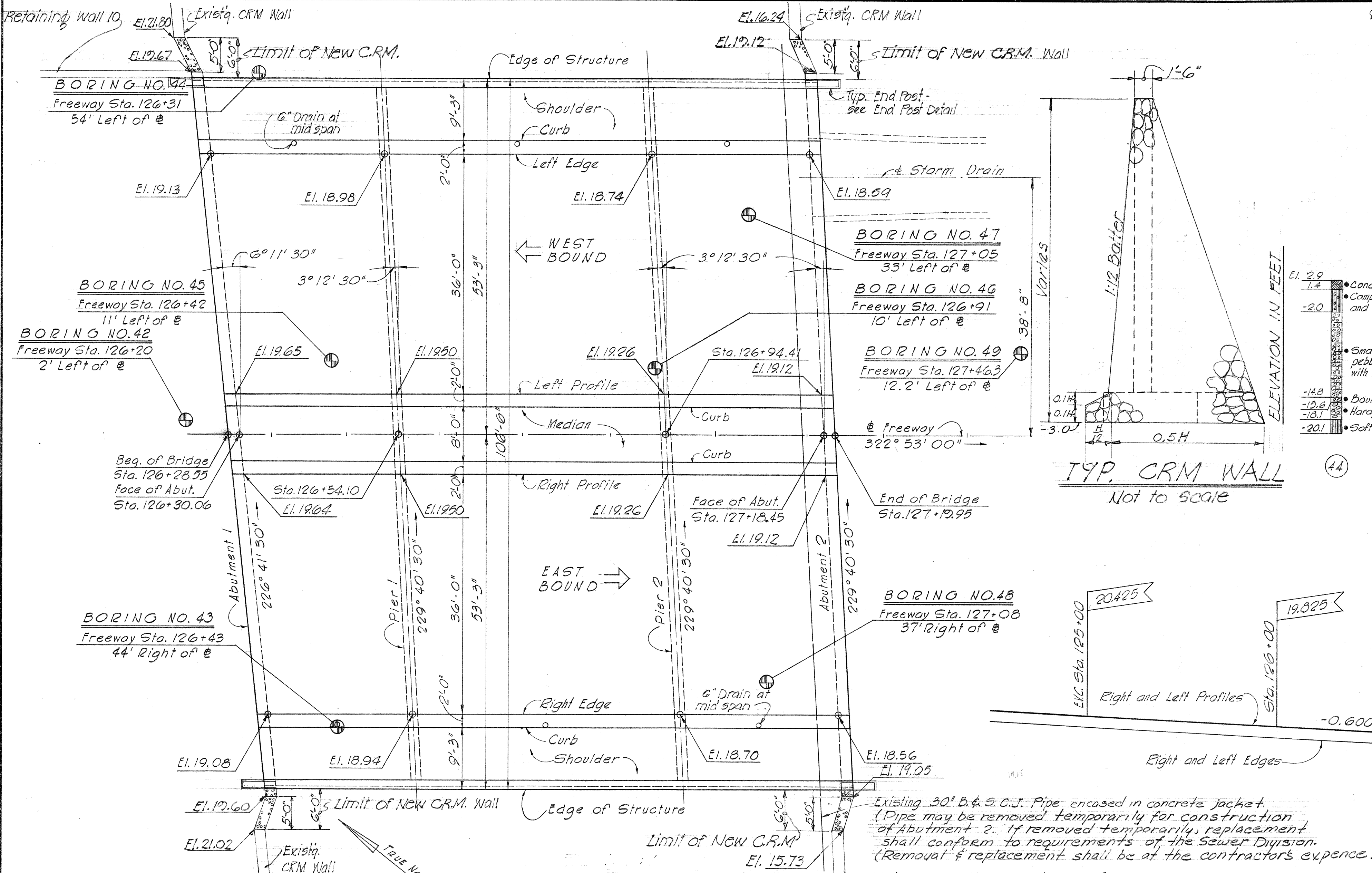
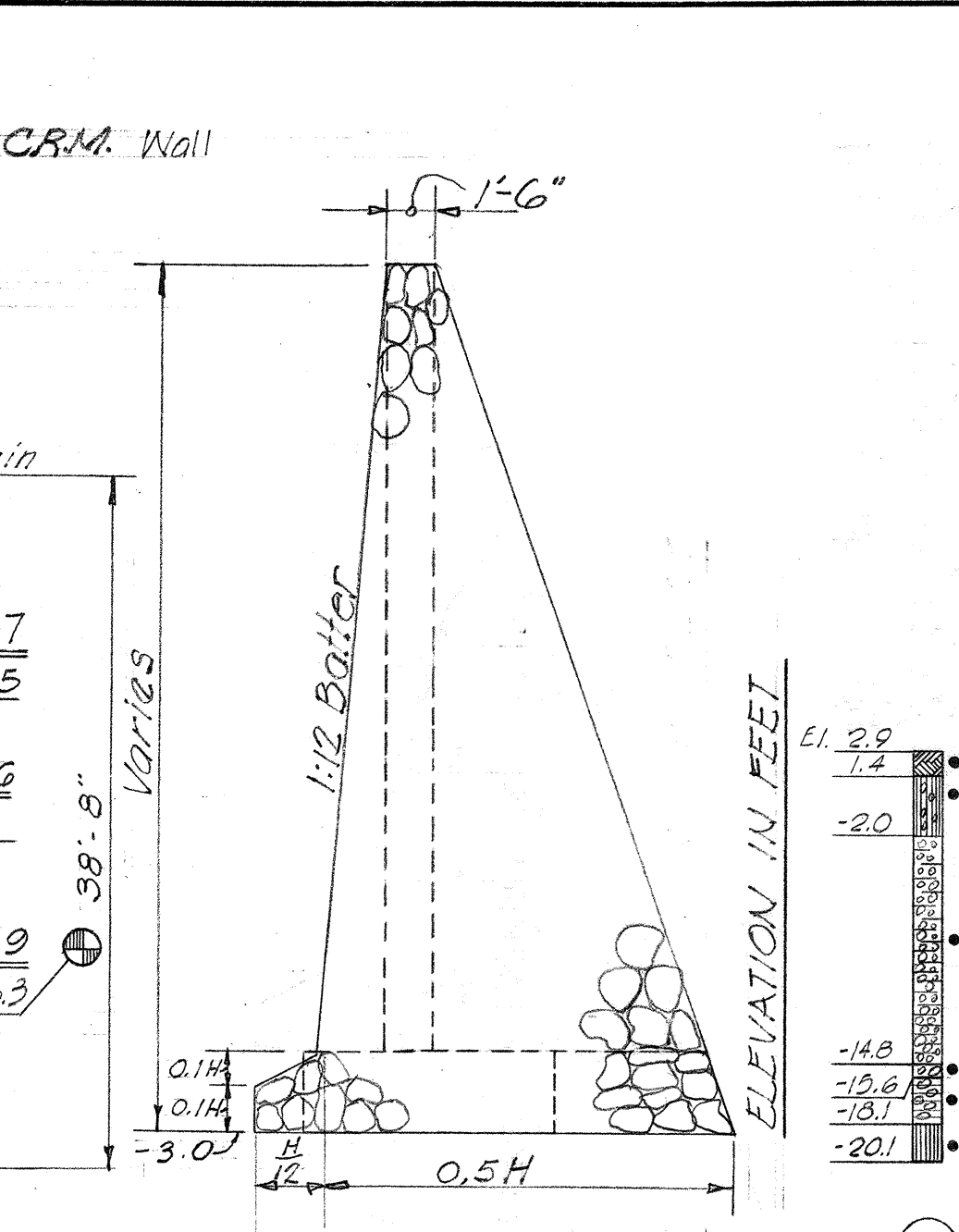
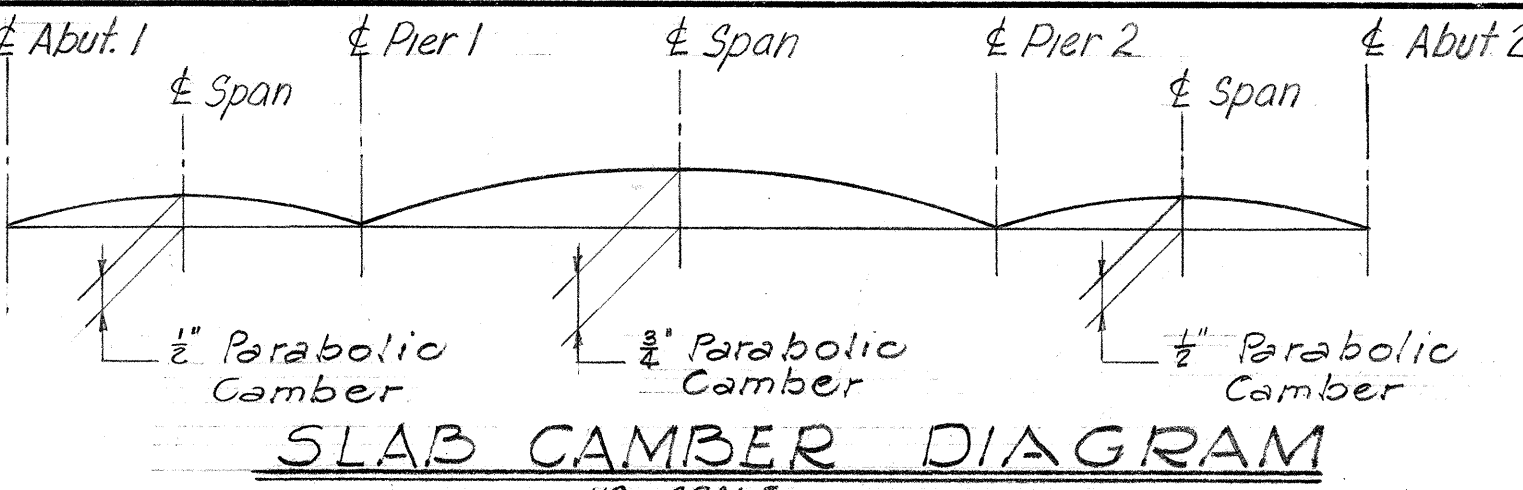




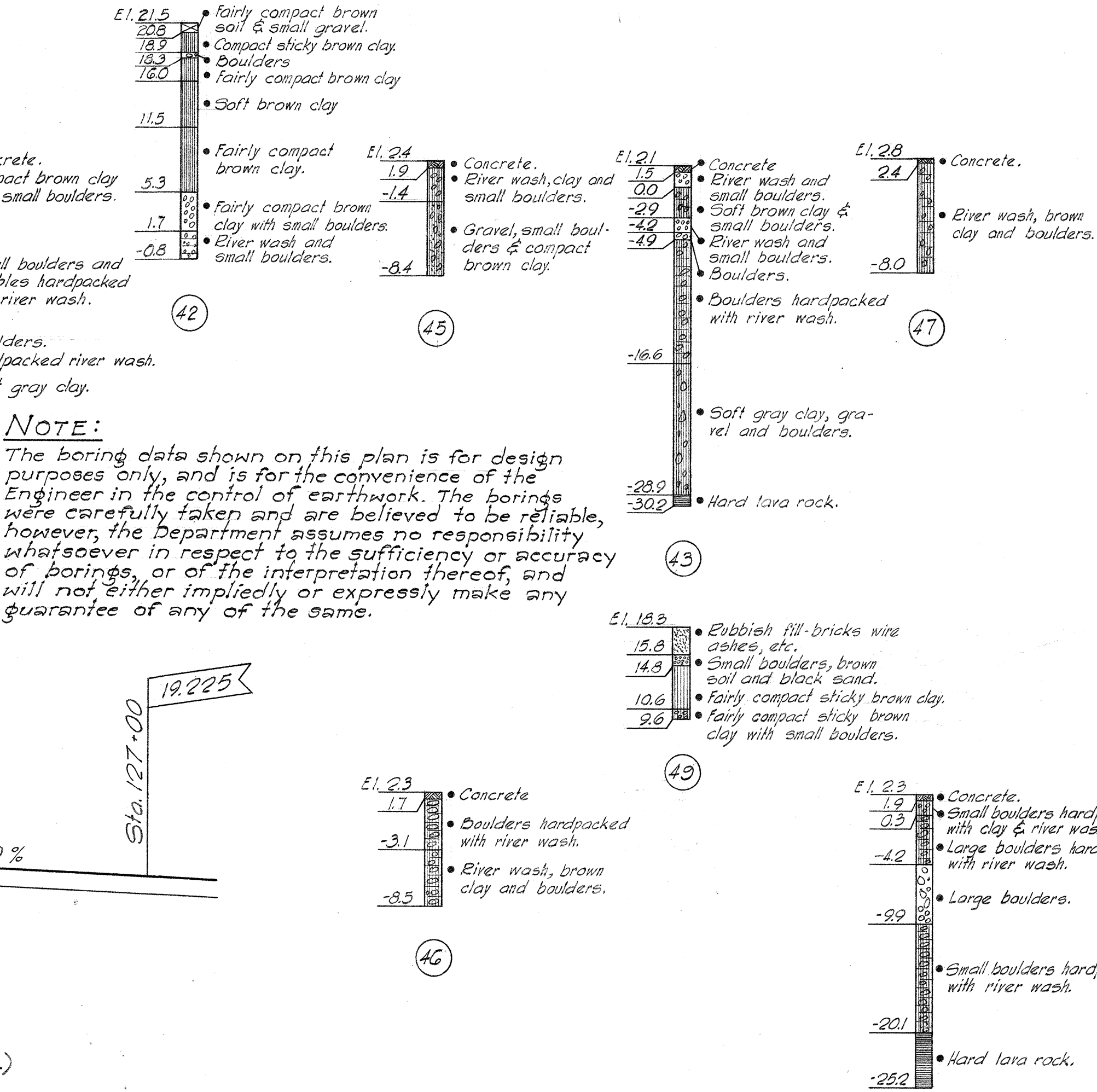
PLAN
1" = 10'-0"



TYP. CRM WALL
Not to Scale



SLAB CAMBER DIAGRAM
NO SCALE

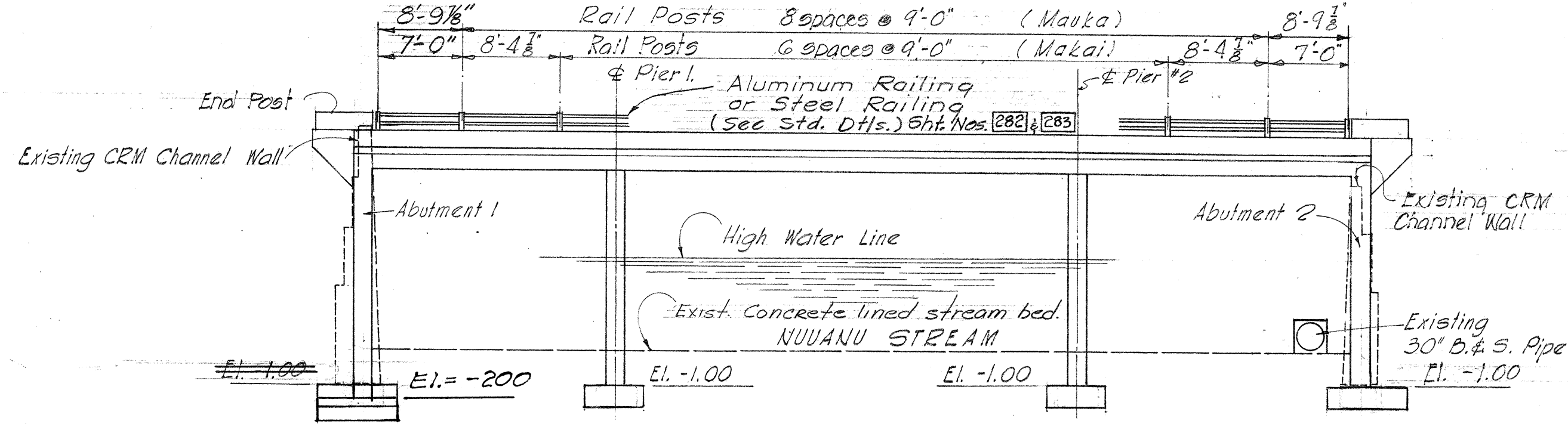


BORING LOGS
1" = 10'-0"

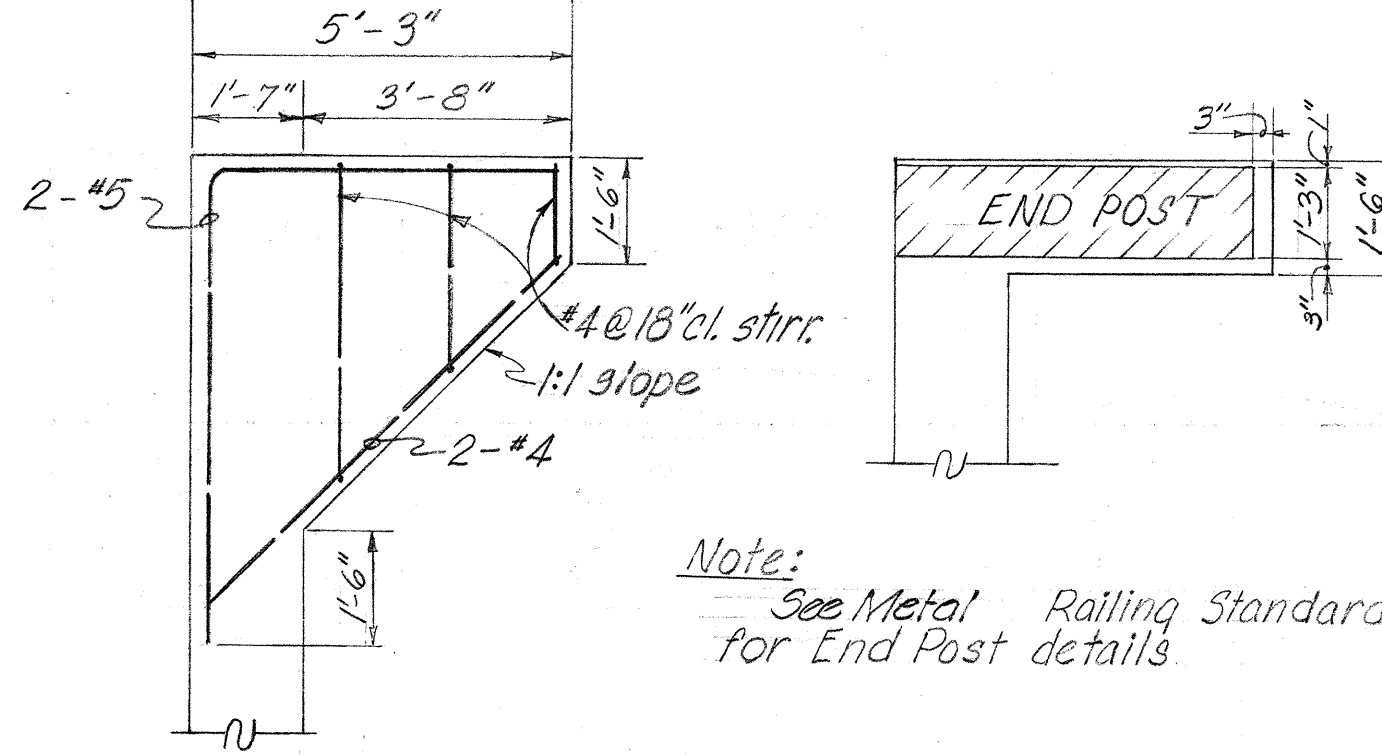
NOTE:
The boring data shown on this plan is for design purposes only, and is for the convenience of the Engineer in the control of earthwork. The borings were carefully taken and are believed to be reliable, however, the Department assumes no responsibility whatsoever in respect to the sufficiency or accuracy of borings, or of the interpretation thereof, and will not either impliedly or expressly make any guarantee of any of the same.

Note: All bottom footing El. for C.R.M. Wall shall be -3.0' See Typ. Section.

PROFILE
No scale



ELEVATION
1" = 10'-0"



BRACKET DETAIL
Scale: 3/8" = 1'-0"

NOTE! Contractor shall restore existing concrete lining to original condition from abutment to abutment at contractor's expense

ITEM	QUANTITY
Class A-1 Concrete	Lump Sum (1,265 cu. yd.)
Reinforcing Steel	Lump Sum (164,717 #)
Structural Excan.	1,102 Cu. Yds.
Filter Material	118 Cu. Yds.
A.C. Paving Mix I	64 Tons
Tack Coat	183 Gals.
Aluminum Railing or Steel Railing	177 Lin. Ft.
C.R.M.	131 Cu. Yds.
Parapet & End Post	197 Lin. Ft.

REFERENCE DRAWINGS

- DETAIL ROADWAY PLAN
- TYPICAL RIGID FRAME DETAILS
- STANDARD DETAILS
- TYPICAL DETAILS AND GENERAL STRUCTURAL NOTES

STRUCTURE No. 8

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII

NUUANU STREAM BRIDGE

PLAN

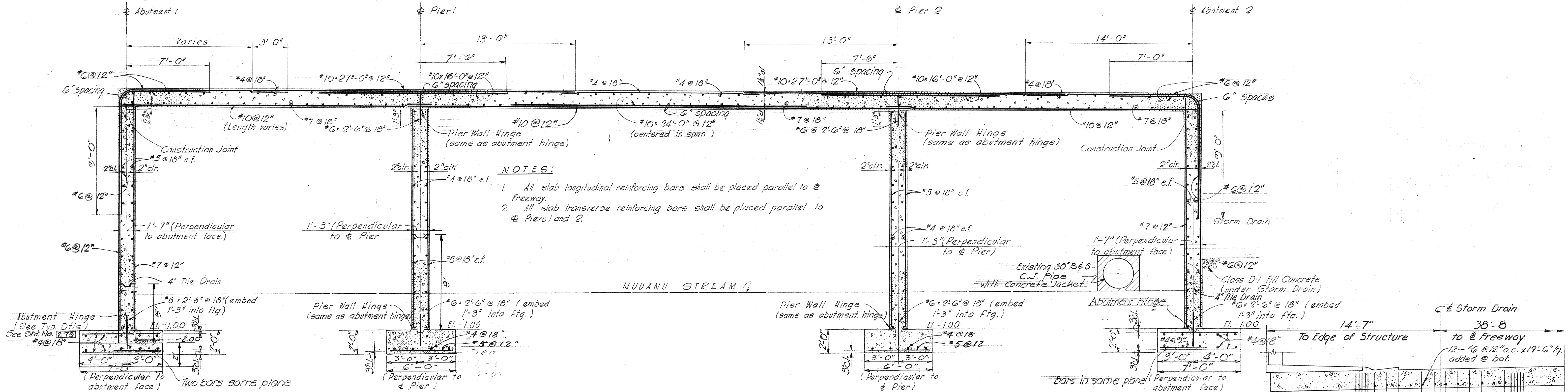
LUNALILO FREEWAY

U-072-1 (3)

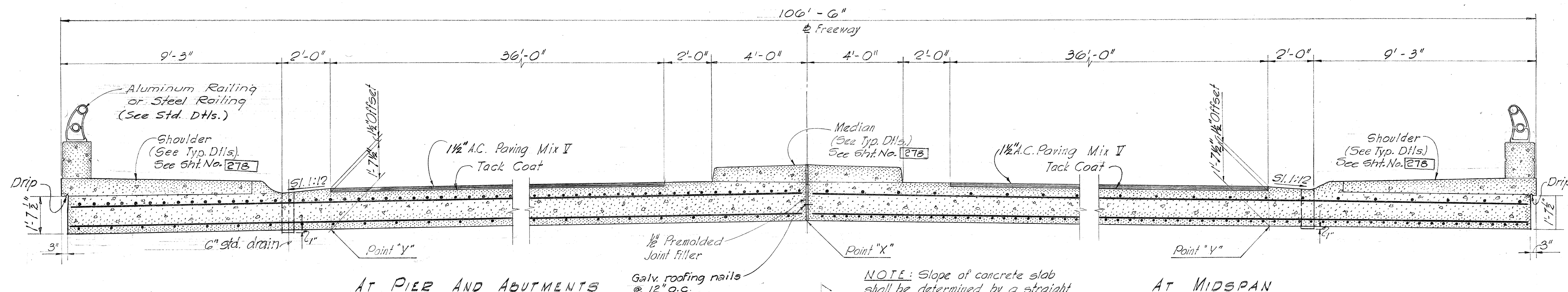
MOFFATT, NICHOL & TAYLOR
Associated with
BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers



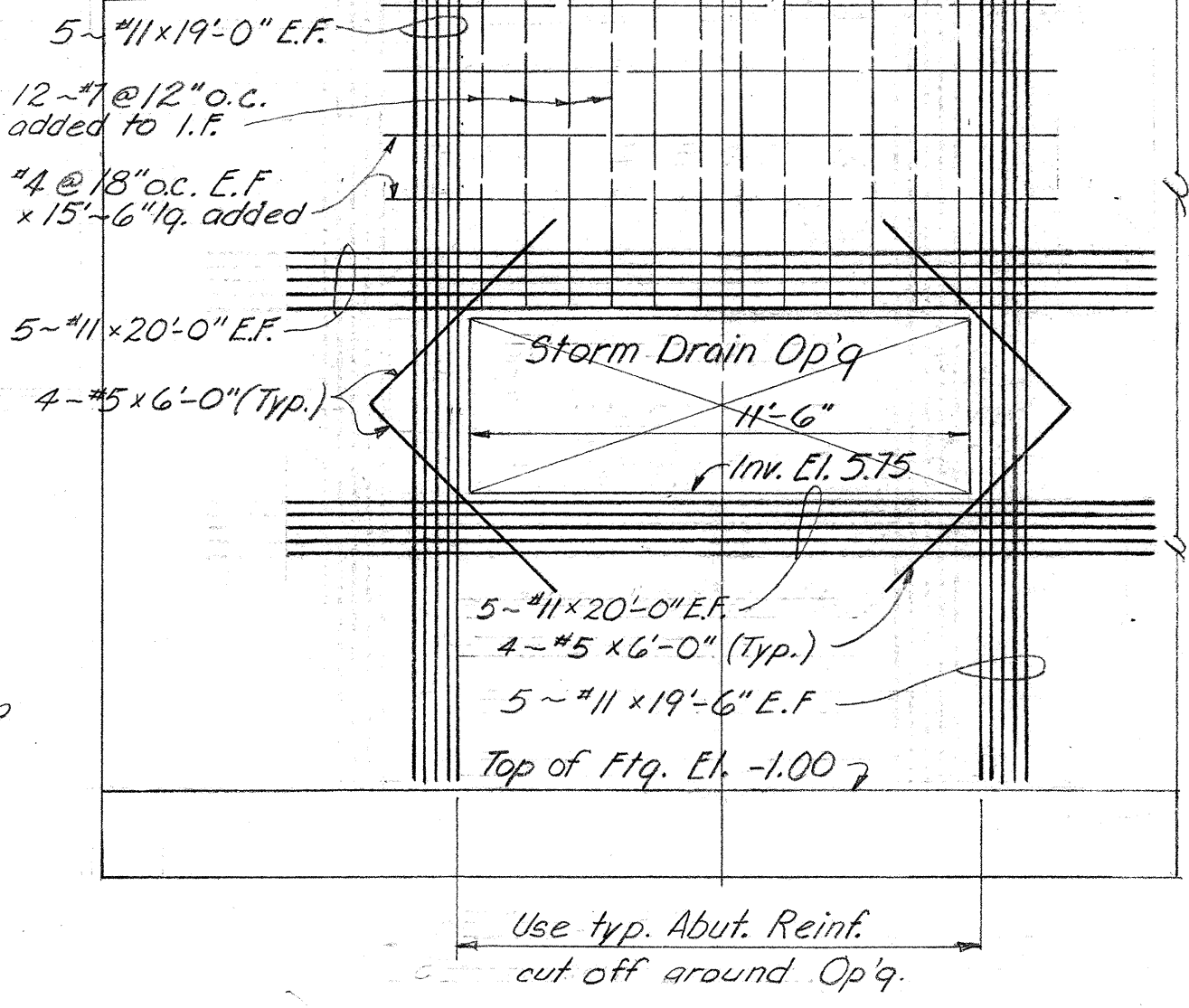
SURVEY PLOTTED BY: DATE: JULY 59
DESIGNED BY: H. LUCK
DRAWN BY: M. L. L. L.
CHECKED BY: M. L. L. L.
NOTE BOOK NO. 239



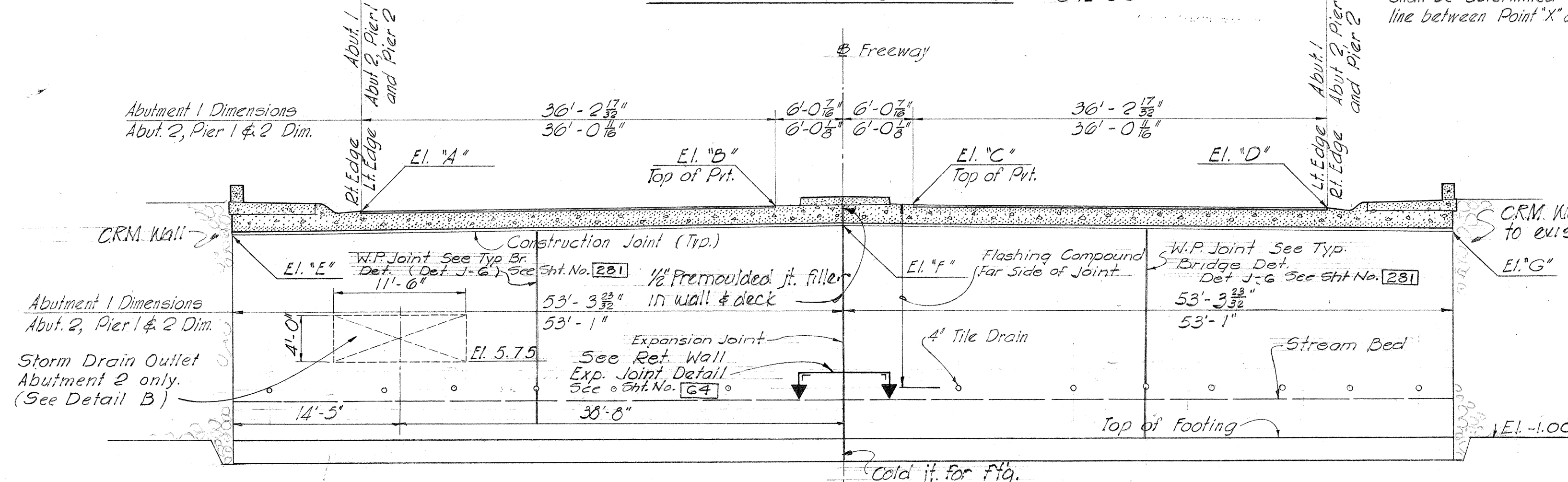
LONGITUDINAL SECTION AT BRIDGE



TRANSVERSE SECTION



DETAIL B



ABUTMENT AND PIER ELEVATIONS

LOCATION	EL. "A"	EL. "B"	EL. "C"	EL. "D"	EL. "E"	EL. "F"	EL. "G"
Abutment 1	19.08	19.64	19.65	19.13	16.93	17.77	17.00
Pier 1	18.98	19.50	19.50	18.94	17.06	17.84	17.01
Pier 2	18.74	19.26	19.26	18.70	16.82	17.60	16.75
Abutment 2	18.50	19.12	19.12	18.56	16.45	17.23	16.42



MOFFATT, NICHOL & TAYLOR
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Civil and Structural Engineers

STRUCTURE No. 8
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
STATE OF HAWAII

NUUANU STREAM BRIDGE
SECTIONS

LUNALILO FREEWAY U-072-1 (3)

SHEET No. 2 OF 2 SHEETS

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