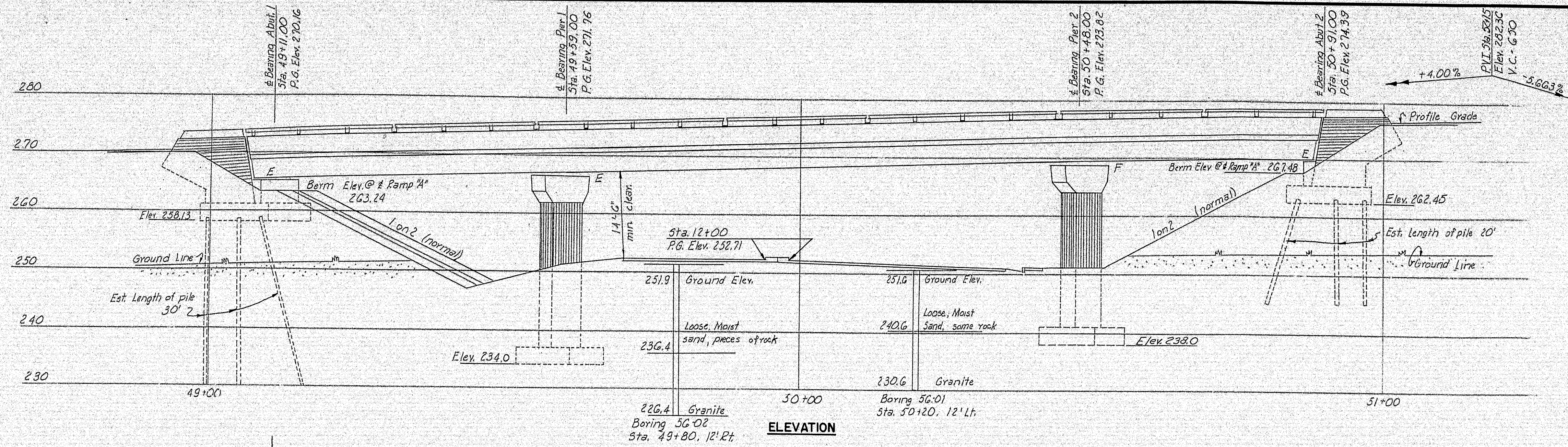
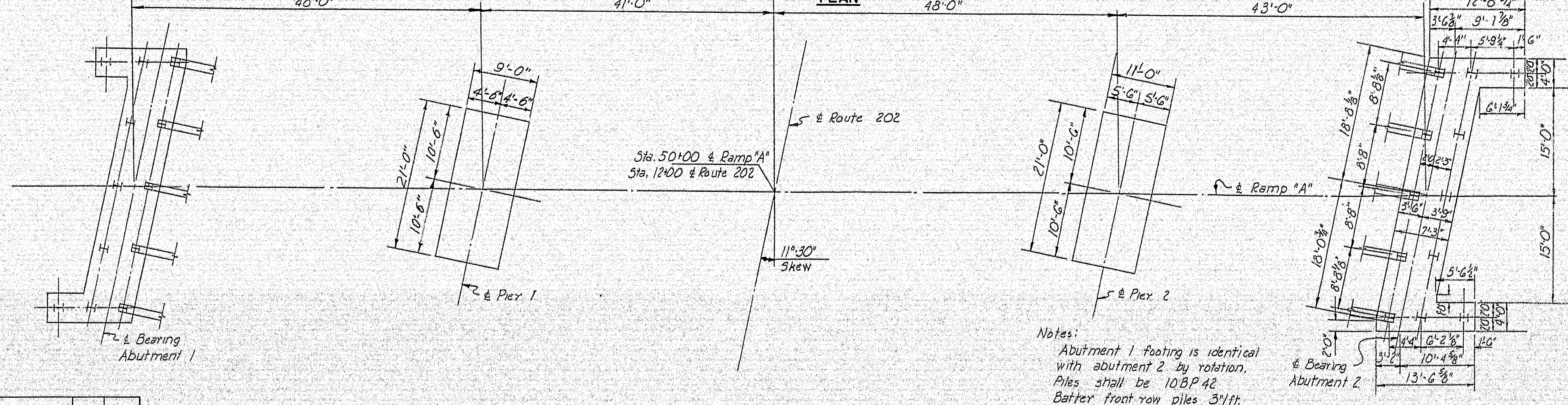




ELEVATION



PLAN



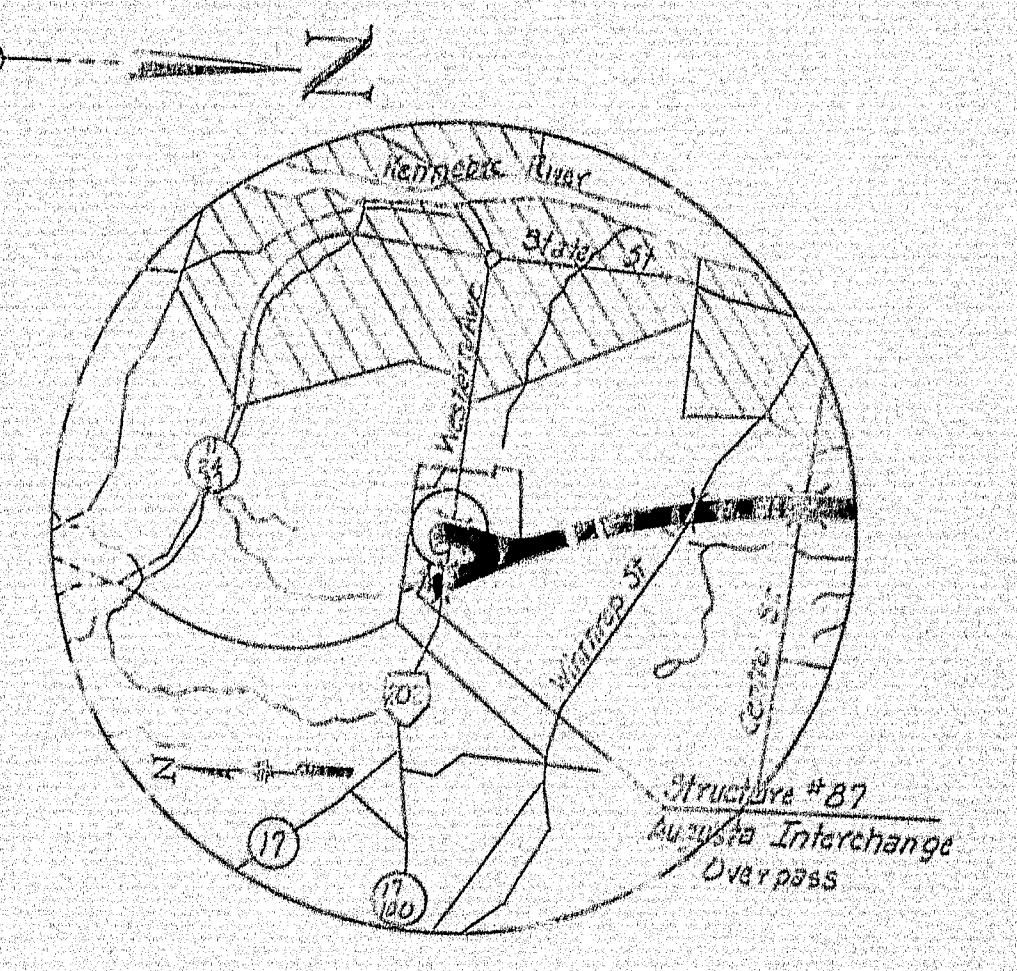
FOOTING PLAN

GENERAL NOTES

Design Specifications: A.A.S.H.O. (1953) with minor modifications
 Design Live Load: H-20 5-16
 Maximum Pile Load: 35 tons/pile
 Maximum Base Pressure: 6.1 Tons/sq.ft.

REFERENCES

Dwg. No.	Title	Substructure Contractor	Superstructure		
			Steel Fabricator	Steel Erector	Floor Contractor
S.D.1A	Standard Abutment Details	✓	✓	✓	✓
S.D.2	Standard Pier Details	✓	✓	✓	✓
S.D.3	Standard Abutment Drainage Details	✓	✓	✓	✓
S.D.4	Standard Pile Details	✓	✓	✓	✓
S.D.5	Standard Handrail, Bearing Devices and Miscellaneous Details	✓	✓	✓	✓
S.D.10	Standard Type "A" Splice for 36 WF Beams	✓	✓	✓	✓
S.D.11A	Type "Y" Expansion Joint	✓	✓	✓	✓
S.D.12A	Type "Z" Expansion Joint	✓	✓	✓	✓
S.D.22	Standard Bridge Floor Cross Section 26'0" & 30'0" Roadways	✓	✓	✓	✓



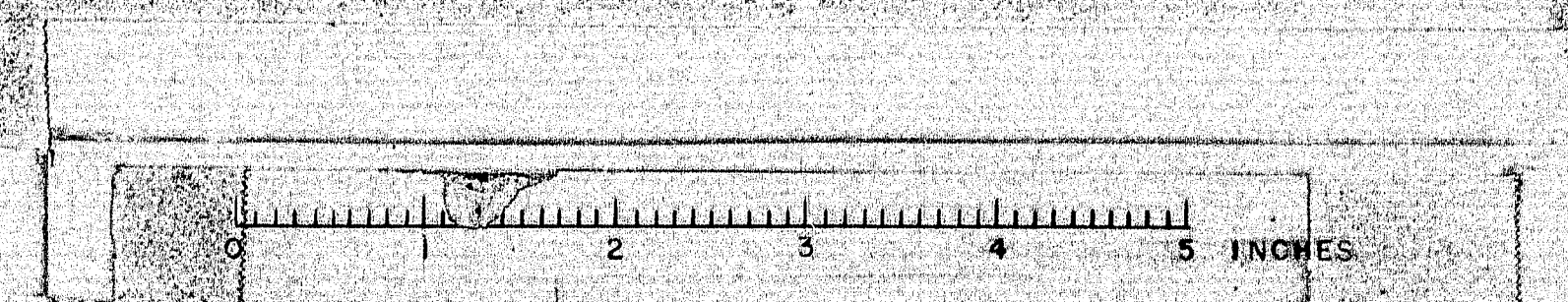
VICINITY MAP

MAINE TURNPIKE AUTHORITY
MAINE TURNPIKE
SECTION 2 — PORTLAND TO AUGUSTA
 STRUCTURE NO. 87 ROUTE 202 RAMP "A" OVER
 STA. 12+00.00
GENERAL PLAN AND ELEVATION
 HOWARD, NEEDLES, TAMMEN & BERGENDOFF
 CONSULTING ENGINEERS
 NEW YORK KANSAS CITY
 SCALE: 1/2" = 1'-0"
 CONTRACT NO. _____
 SHEET NO. 371 OF 322

DRAWING 87. 01. 03

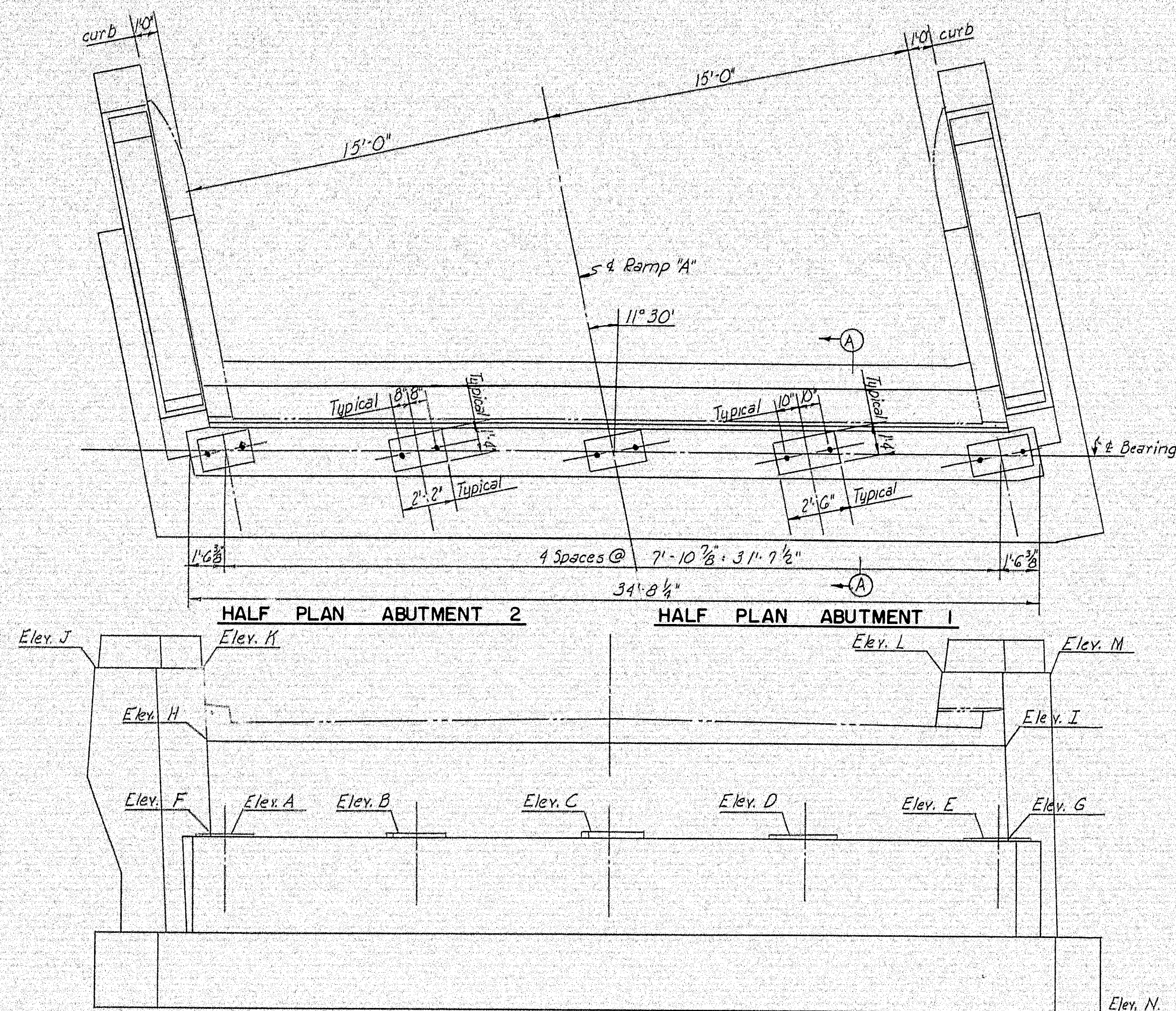
MADE	BY	DATE	REVISION	BY	DATE
MADE	B.H.	5-19-84			
TRACED			2 As-Built	HBH	10-5-86
CHECKED	H.H.G.	5-25-84	1 Revised Pier 2 Footing	CVA	5-20-85
IN CHARGE OF	125K				

Notes:
 Abutment 1 footing is identical with abutment 2 by rotation.
 Piles shall be 108P42.
 Batter front row piles 3 1/2 ft.



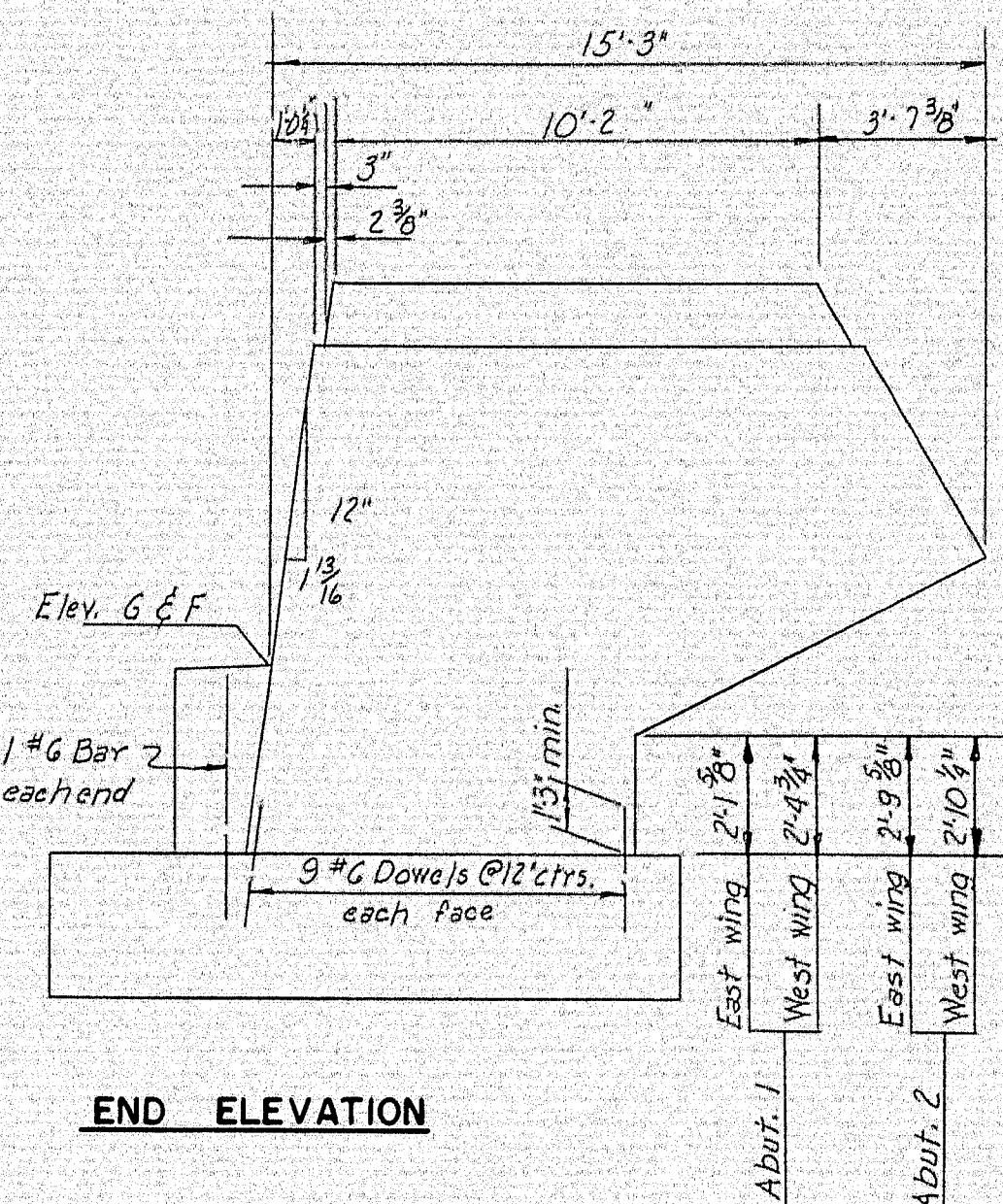
102-193

87.02.03

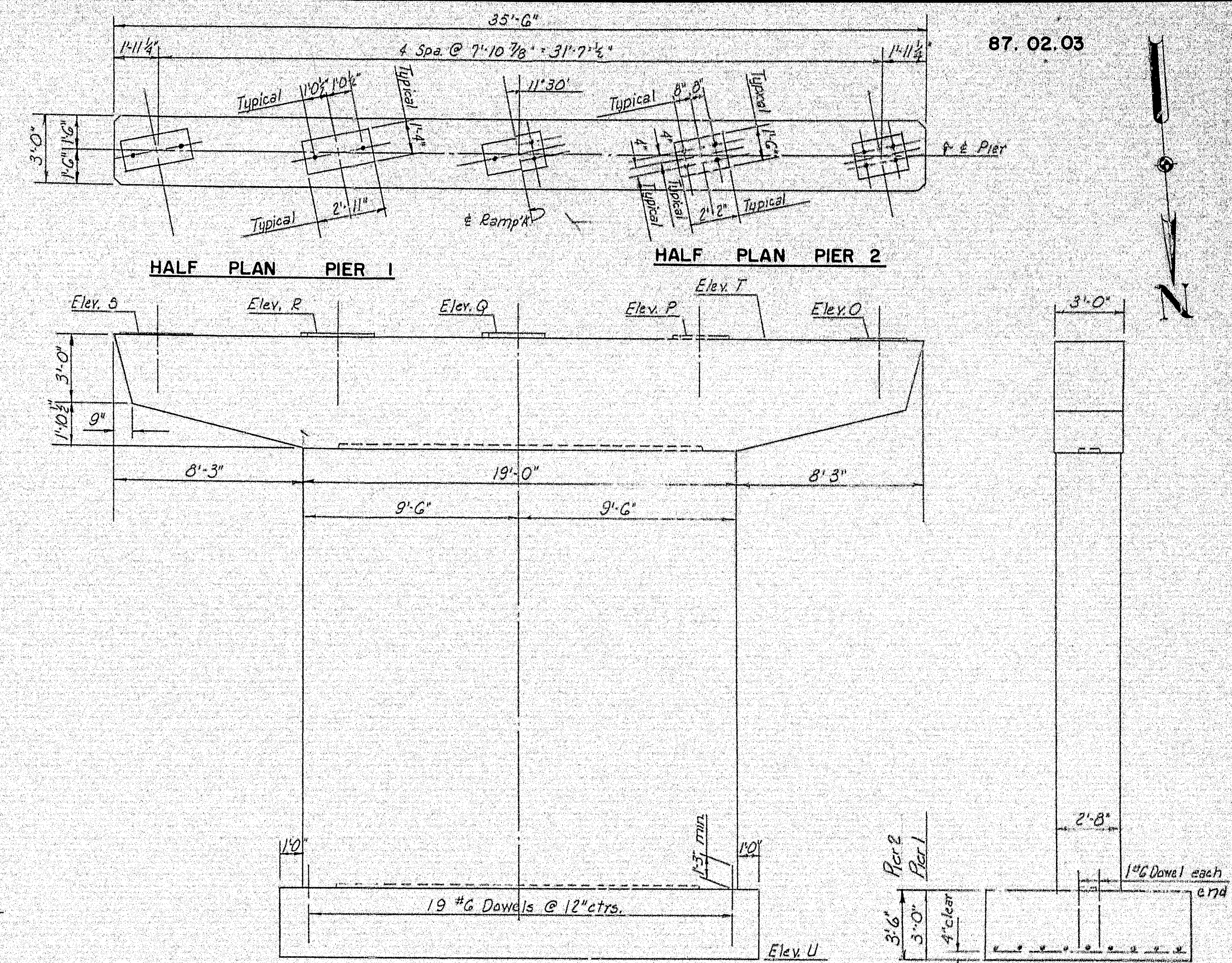


ELEVATION

ELEVATIONS	
Abut. 1	Abut. 2
A 265.30	269.67
B 265.43	269.74
C 265.57	269.80
D 265.55	269.71
E 265.53	269.61
F 265.21	269.59
G 265.44	269.53
H 269.07	273.53
I 269.31	273.46
J 271.52	276.55
K 271.97	276.45
L 271.78	276.50
M 272.21	276.39
N 258.13	262.45

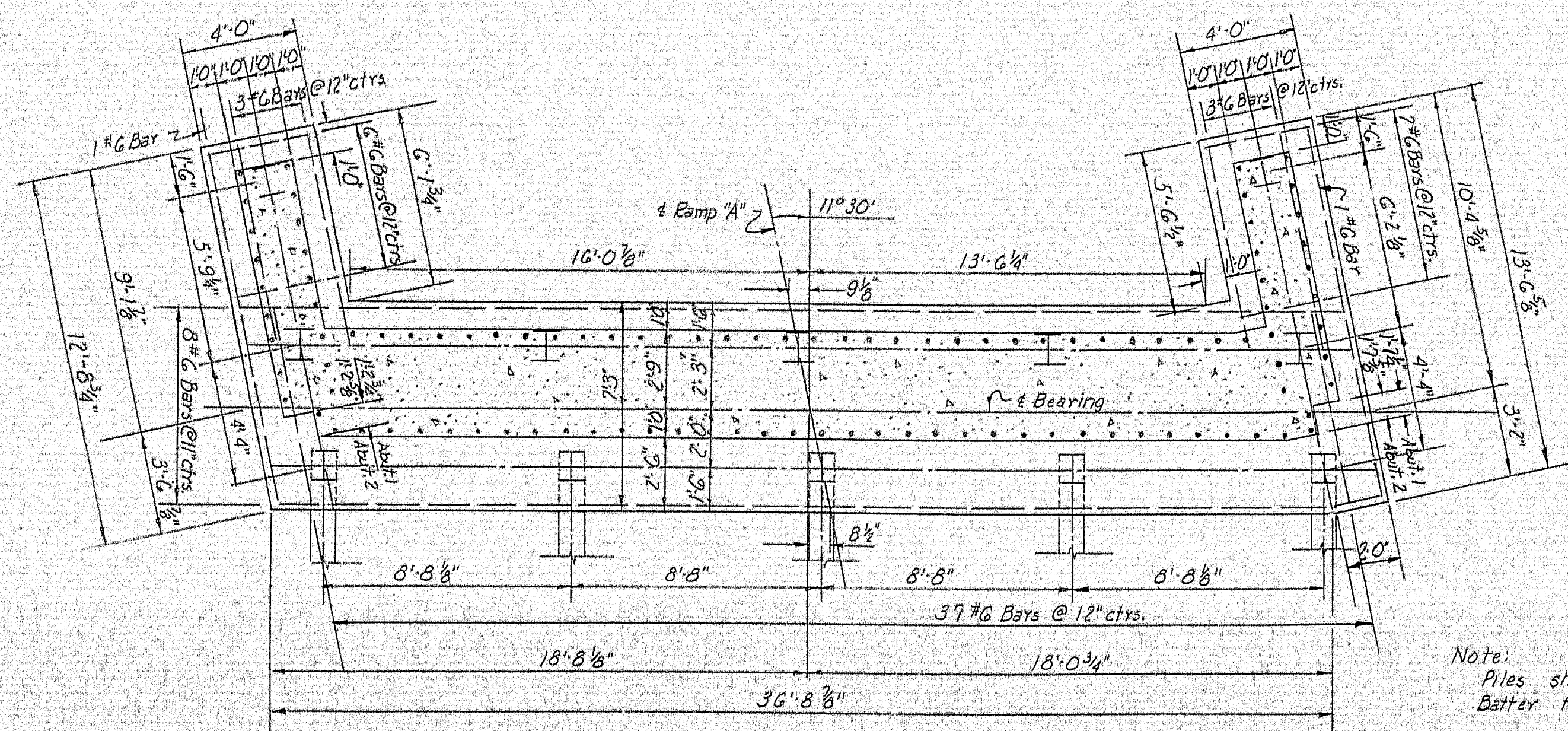


END ELEVATION



ELEVATION

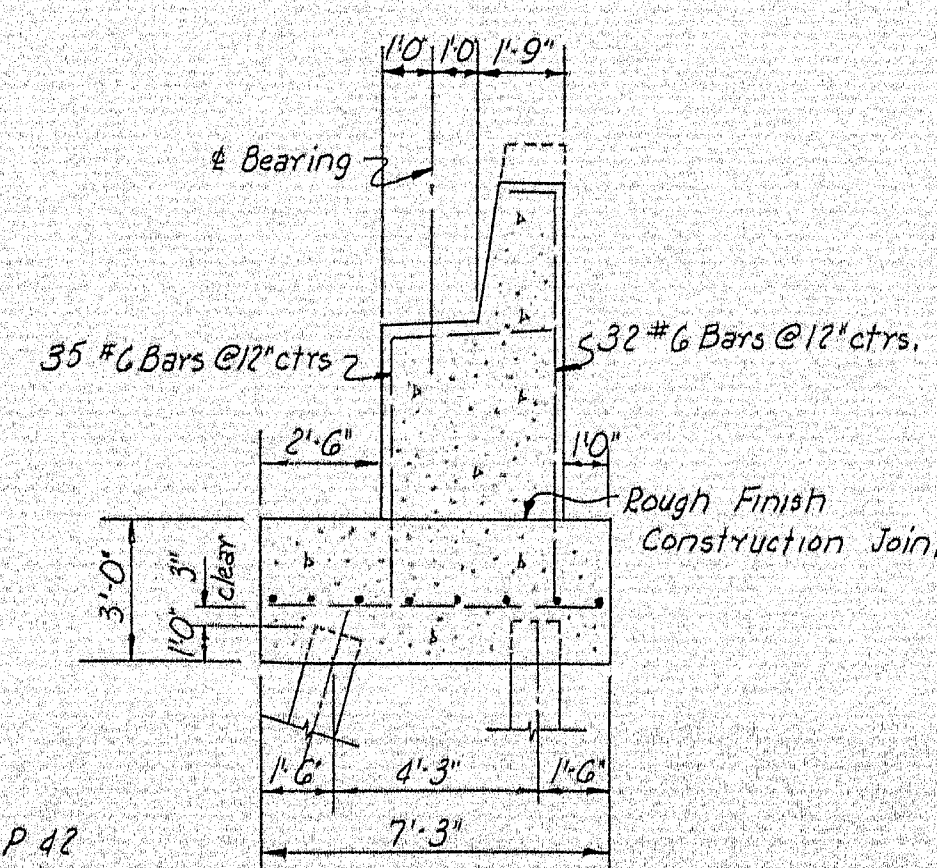
END ELEVATION



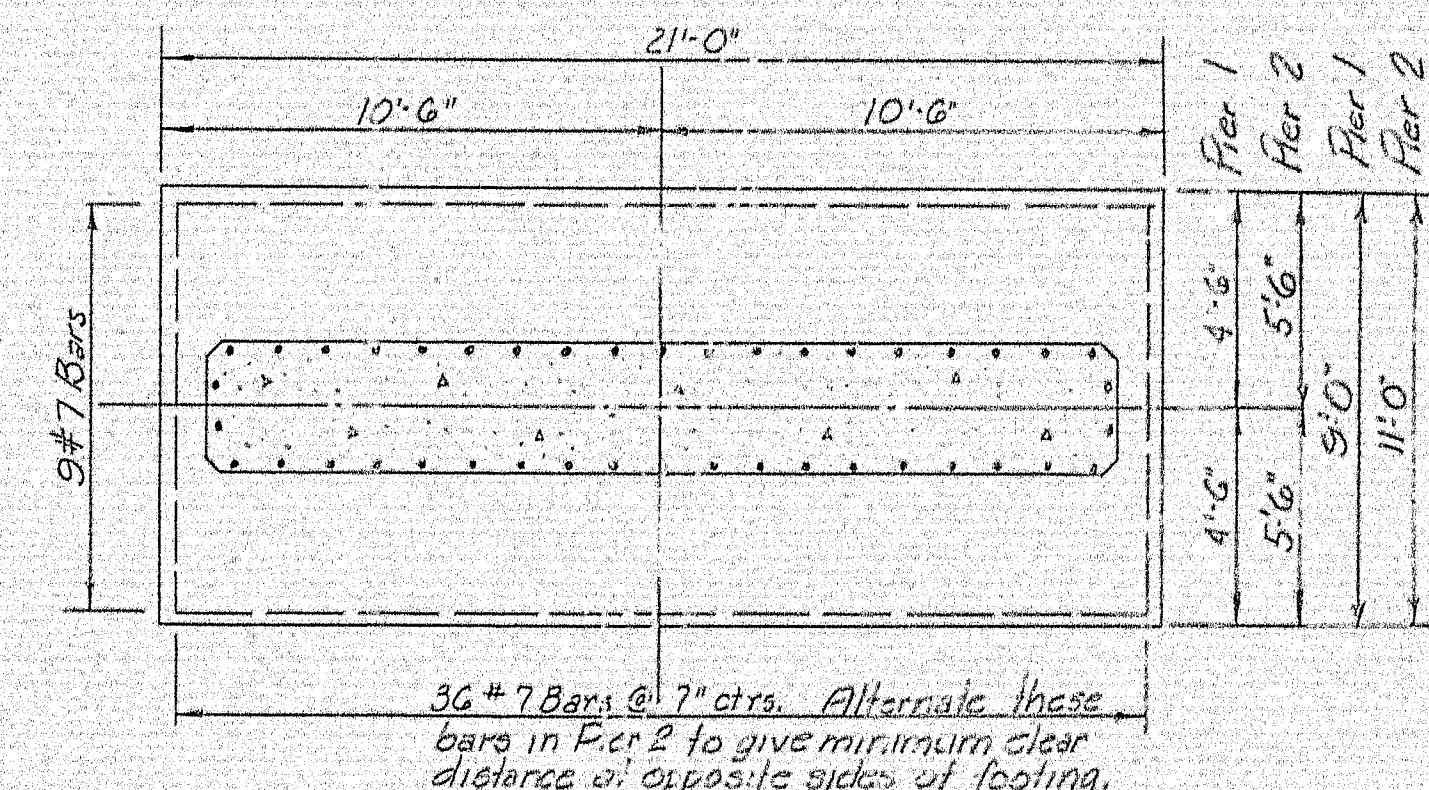
FOOTING PLAN

ABUTMENTS

Note:
Piles shall be 10BP42
Batter front row 3"/ft.



SECTION A-A



FOOTING PLAN

PIERS

ELEVATIONS	
Pier 1	Pier 2
D 266.76	269.07
P 266.77	269.10
Q 266.81	269.16
R 266.63	269.05
S 266.57	268.96
T 266.55	268.92
U 234.0	238.0

Note:
Pier footings shall be lowered as
necessary to provide 3' minimum
penetration into solid undisturbed rock.

DRAWING 87.02.03				
MADE	BY	DATE		
TRACED				
CHECKED				
IN CHARGE OF				

MAINE TURNPIKE AUTHORITY	
MAINE TURNPIKE	
SECTION 2 - PORTLAND TO AUGUSTA	
STRUCTURE NO. 87	RAMP "A" OVER
ROUTE 202	
STA. 12+00.00	
ABUTMENTS AND PIERS	
HOWARD, NEEDLES, TAMMEN & BERGENOFF	SCALE: 1/4"=1'-0"
CONSULTING ENGINEERS	CONTRACT NO.
NEW YORK	KANSAS CITY
SHEET NO. 322	OF 322

102-194

