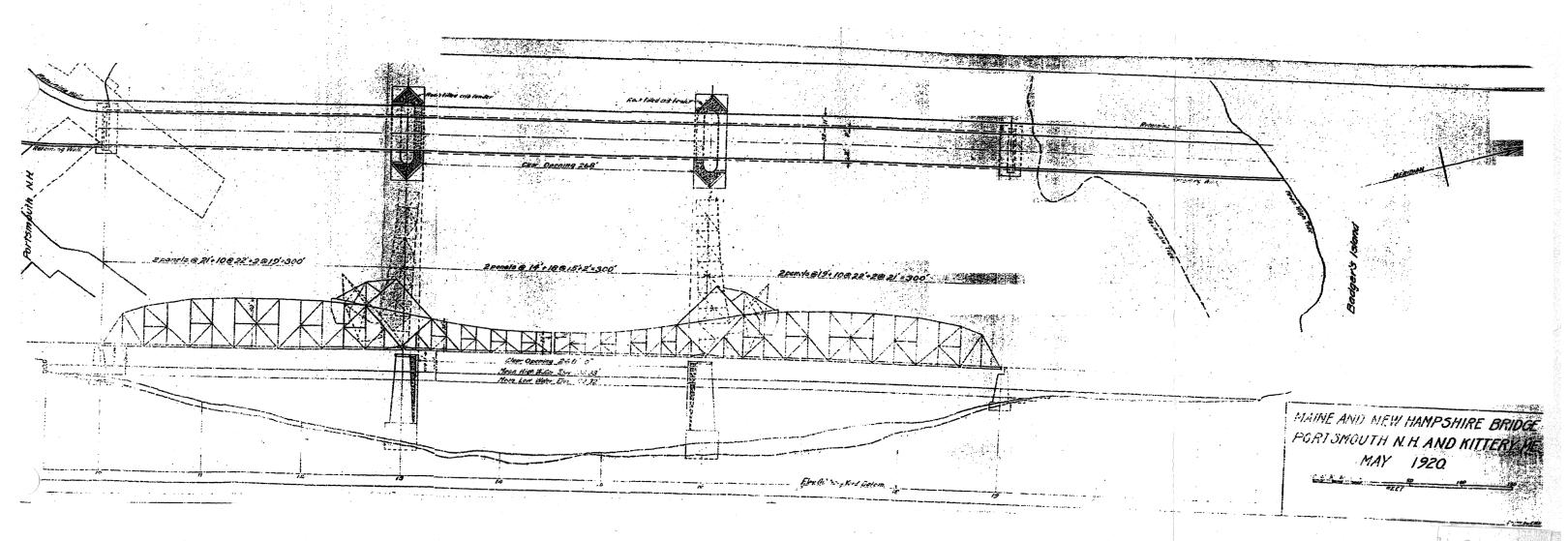
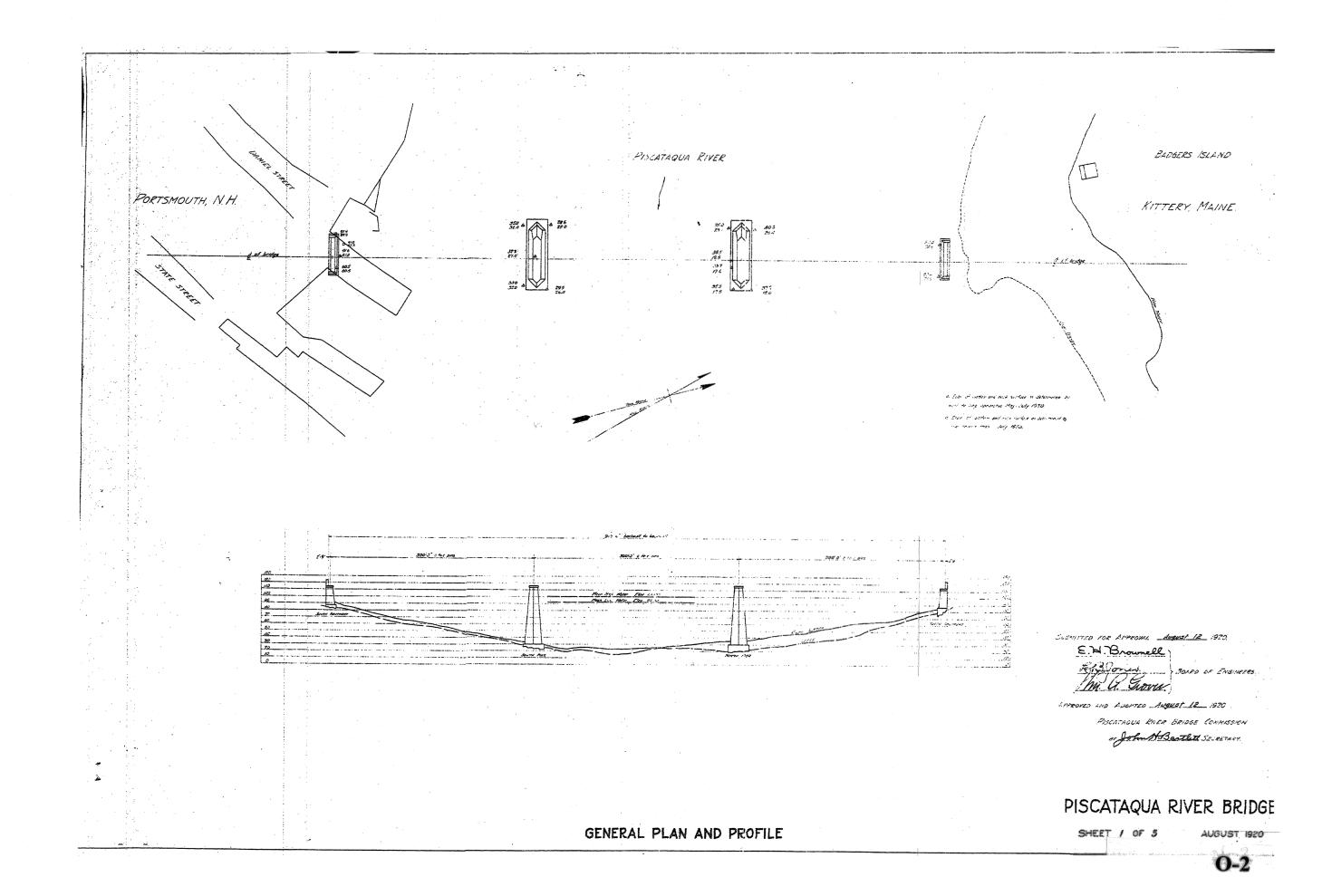
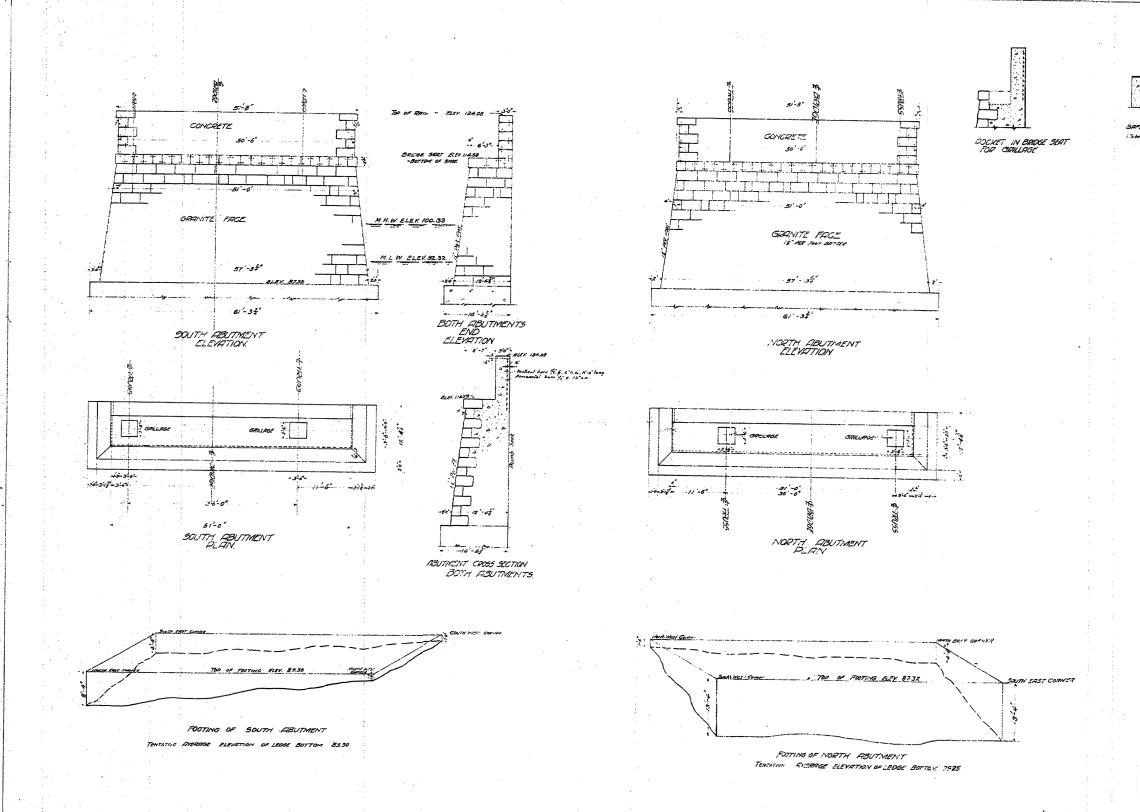
Tab O. Historic Drawings

(Note: Unless otherwise indicated all drawings are from NHDOT. Large-format photographic copies of Waddell Plans will be housed at NHDHR -- see NH State No.627).

- 1. 1920 Maine and New Hampshire Bridge [Bascule Design] (Unsigned) (Strawbery Banke)
- 2. 1920 General Plan and Profile [Abutments and Piers] (Piscataqua River Bridge Commission) August 12, 1920.
- 3. 1920 North and South Abutments. (Piscataqua River Bridge Commission) August 12, 1920.
- 4. 1920 North and South Piers. (Piscataqua River Bridge Commission) August 12, 1920.
- 5. 1920 Fender Piling for North Pier. (Piscataqua River Bridge Commission) August 12, 1920.
- 6. 1920 Fender Piling for South Pier. (Piscataqua River Bridge Commission) August 12, 1920.
- 7. 1920 General Layout (Waddell)
- 8. 1920 Stress Sheet (Waddell)
- 9. 1920 Stress Sheet (Waddell)
- 10. 1920 Stress Sheet
- 11. 1920 General Drawing of Lift Span Sheet 4(Waddell)
- 12. 1920 Details of Deck and Floor System Sheet 5(Waddell)
- 13. 1920 Details of Tower Sheaves, Shafts & Bearings Sheet M1 (Waddell)
- 14. 1920 Equalizers Sheet M2 (Waddell)
- 15. 1920 General Arrangement Operating Machines Sheet M3 (Waddell)
- 16. 1921 North Approach- Masonry Plan (unsigned)
- 17. 1921 North Approach- Superstructure (unsigned)
- 18. 1921 Portsmouth Approach General Plan (Drawn by C.M. Rundlett)
- 19. 1922 Portsmouth Approach Detail of Reinforced Concrete (Drawn by C.M. Rundlett)
- 20. 1923 Record Drawing of South Pier (Drawn by C.M. Rundlett)
- 21. 1923 Record Drawing of North Pier (Drawn by C.M. Rundlett.)







NORTH AND SOUTH ABUTMENTS.

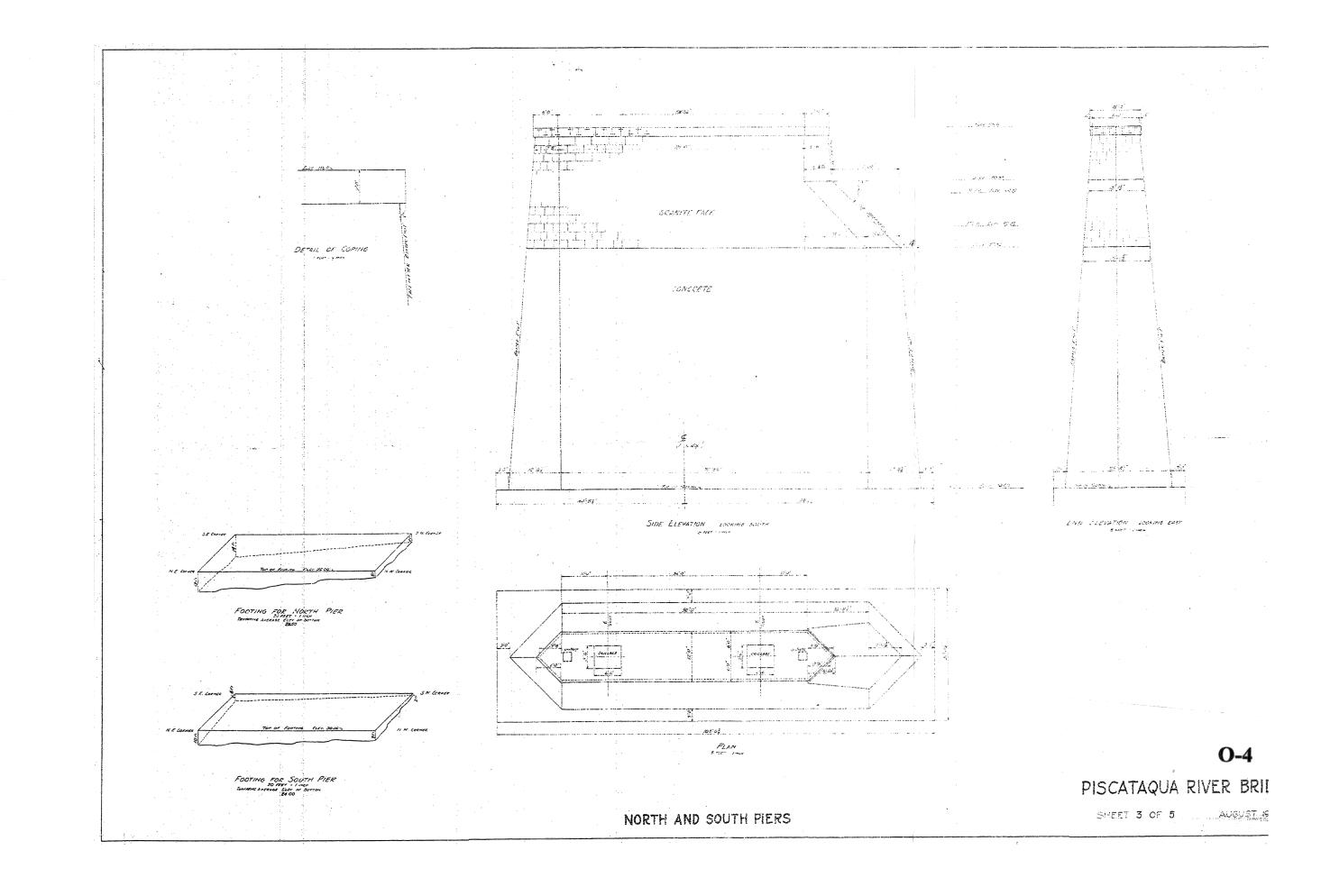
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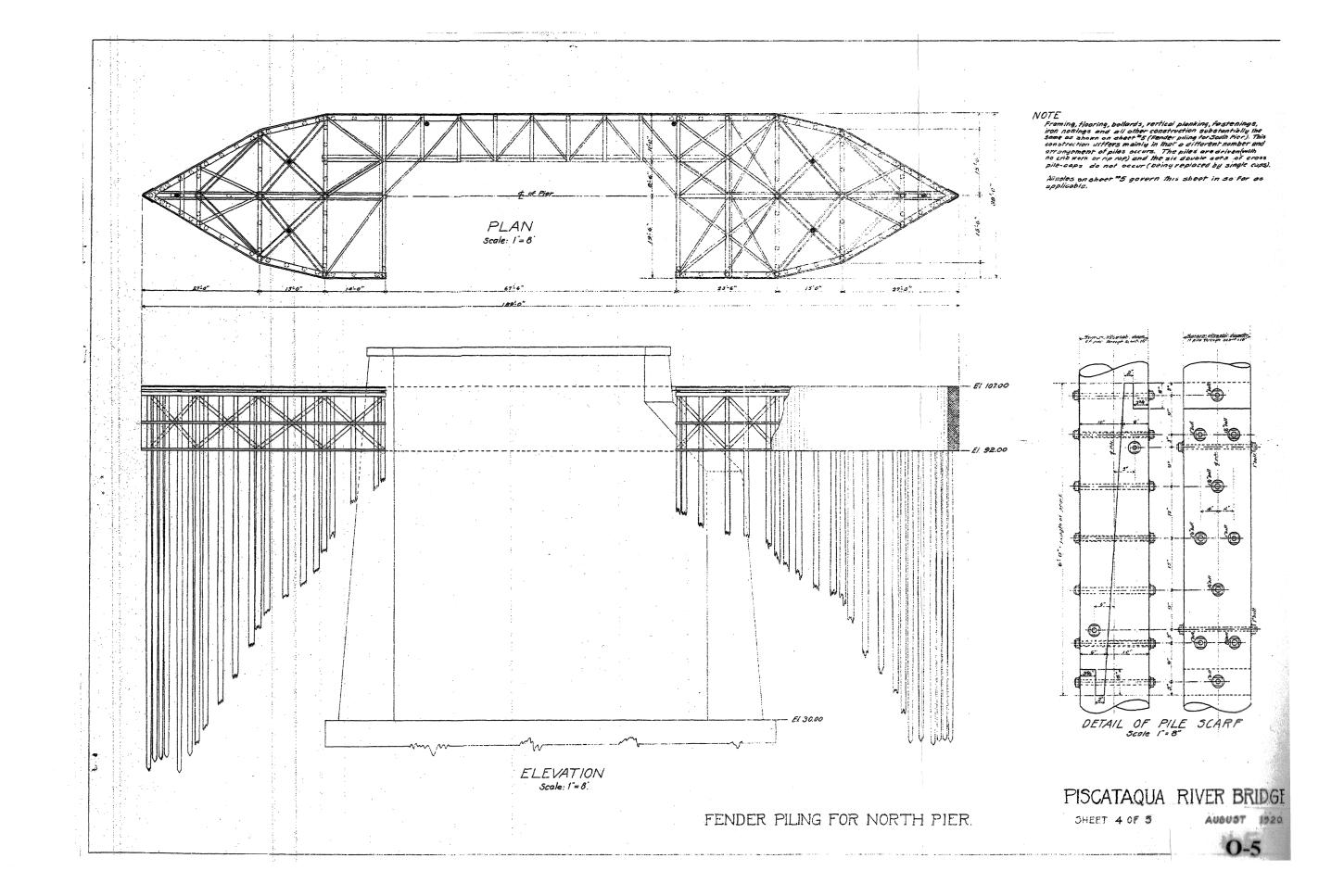
O-3

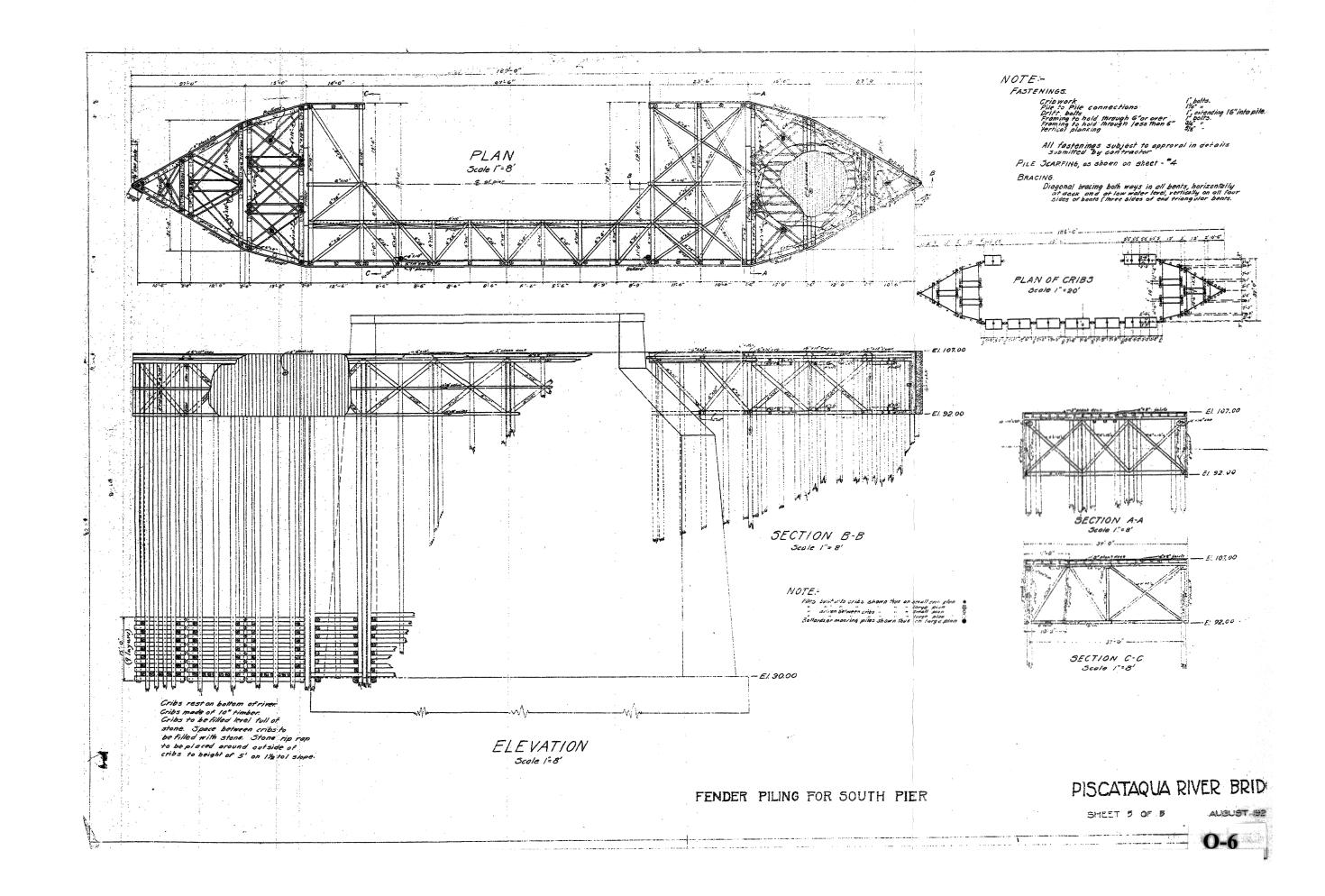
PISCATAQUA RIVER BRIDGE

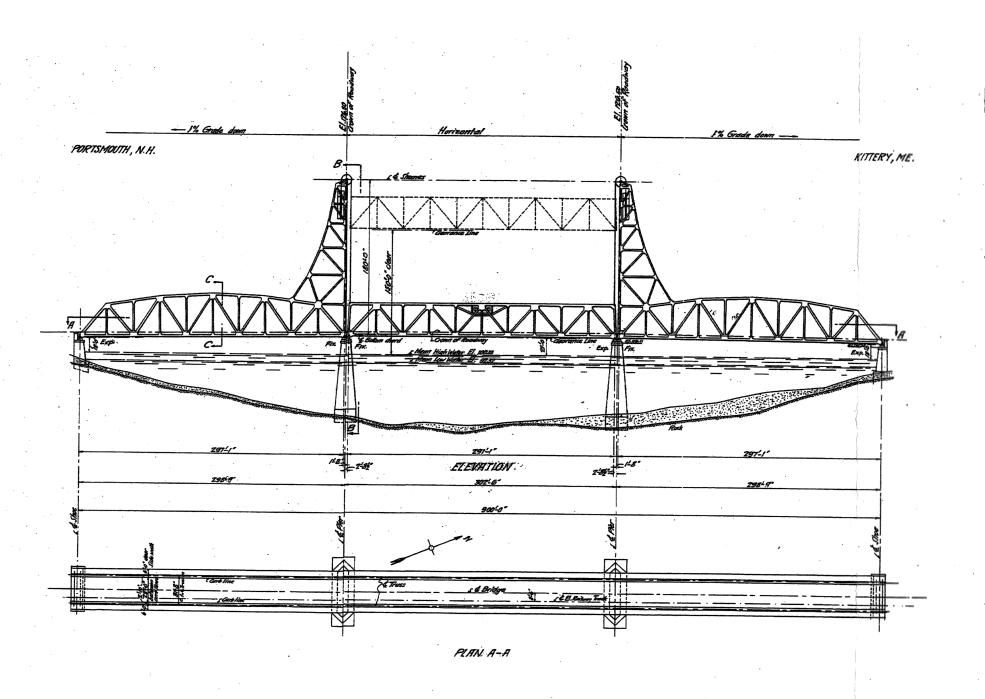
SHEET 2 OF 5

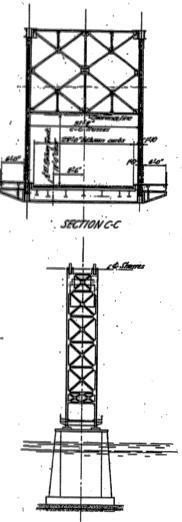
AUGUST 1920











ELEVATION B-B OF TOWER.

WADDELL YERTICAL LIFT BRIDGE Patented in U.S. A. Aug. 24, 1909; Mar. 22, 1910; Mar. 29, 1910; May31, 1911. OTHER PATENTS PENDING Patented in Canada Feb. 1, 1910; Mar. 8, 1910.

0-7

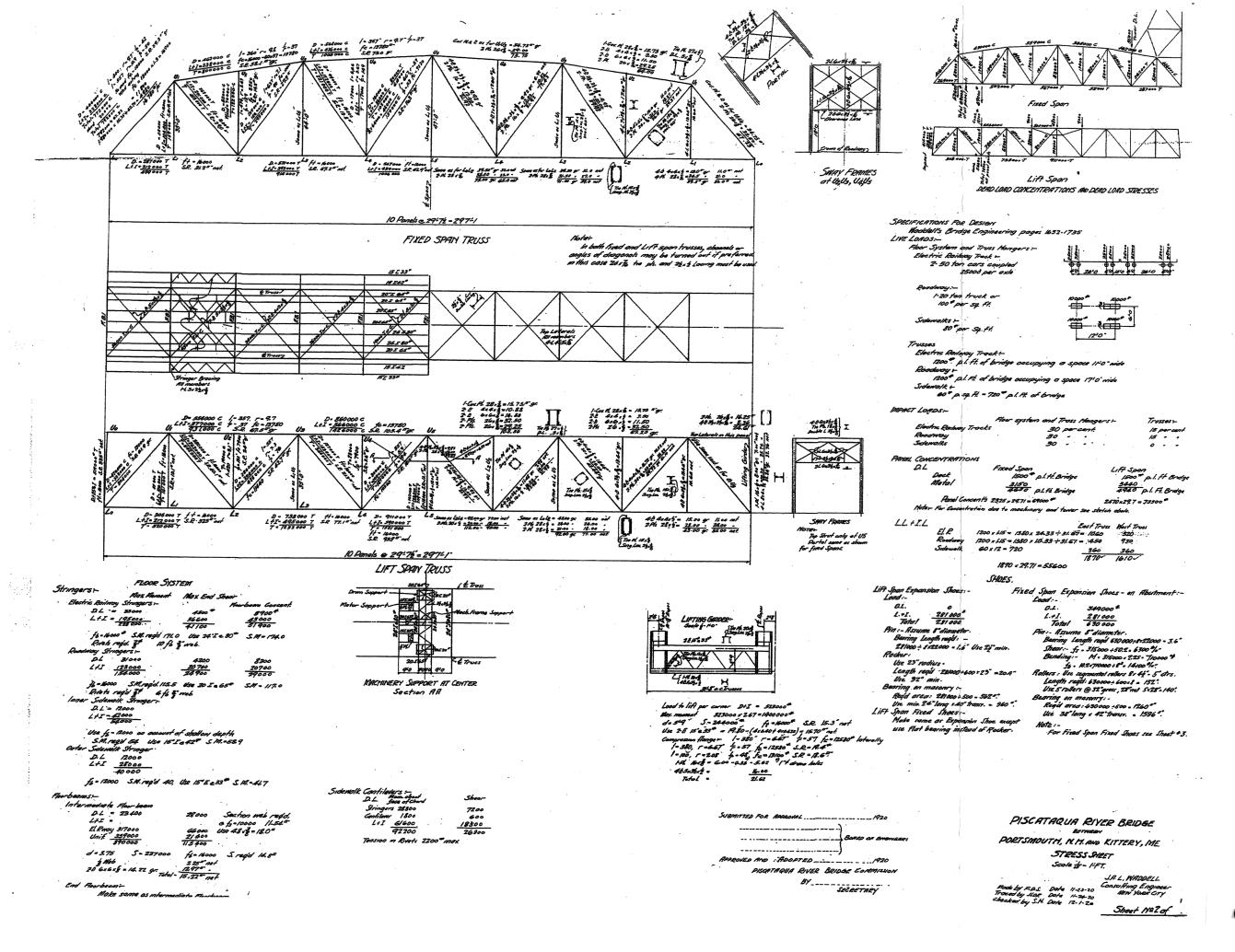
PISCATAQUA RIVER BRIDGE
BETWEEN
PORTSMOUTH, N.H. AND KITTERY, M.E.

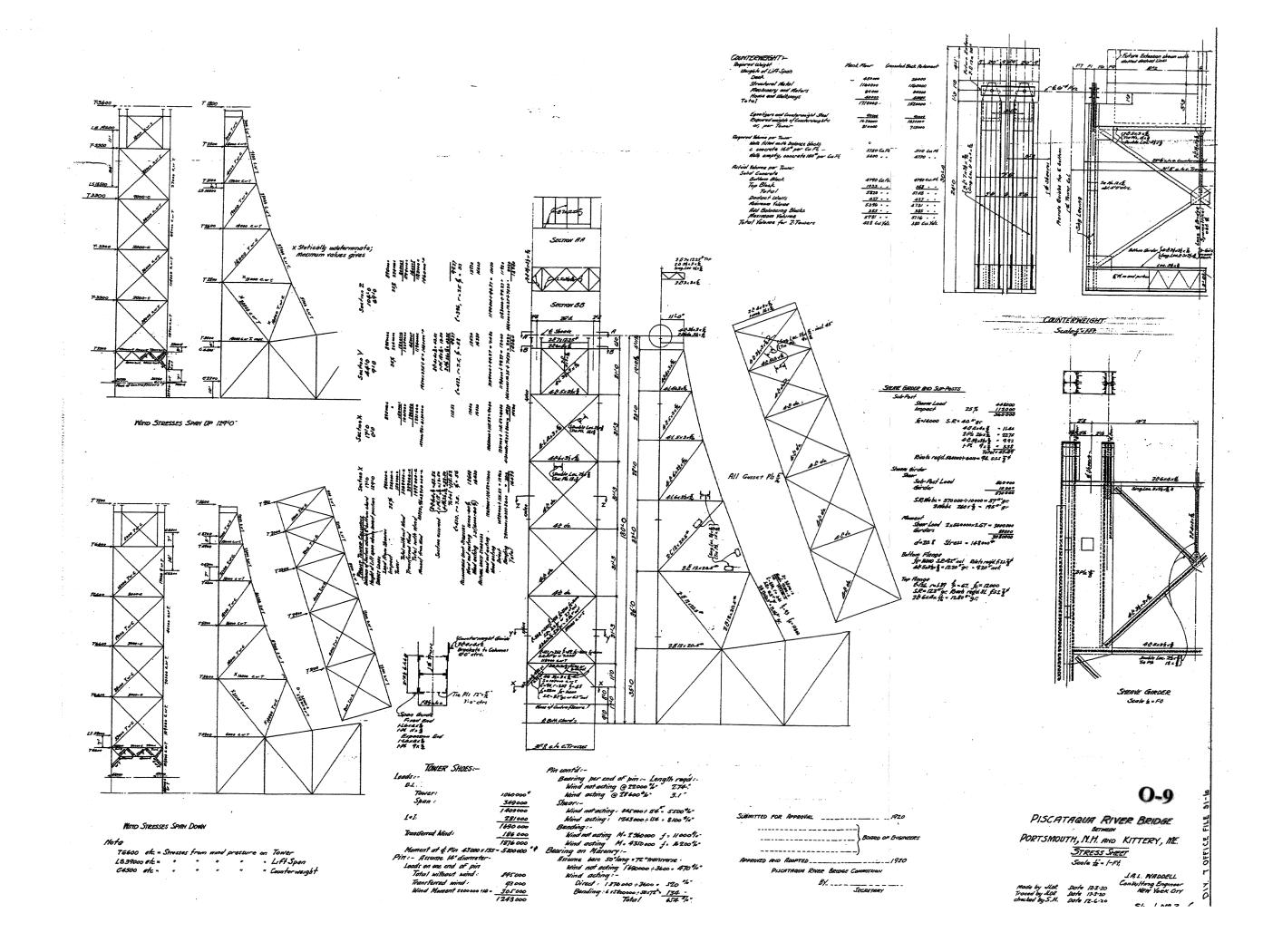
GENERAL LAYOUT
Scales # \$ # " = 1 A.

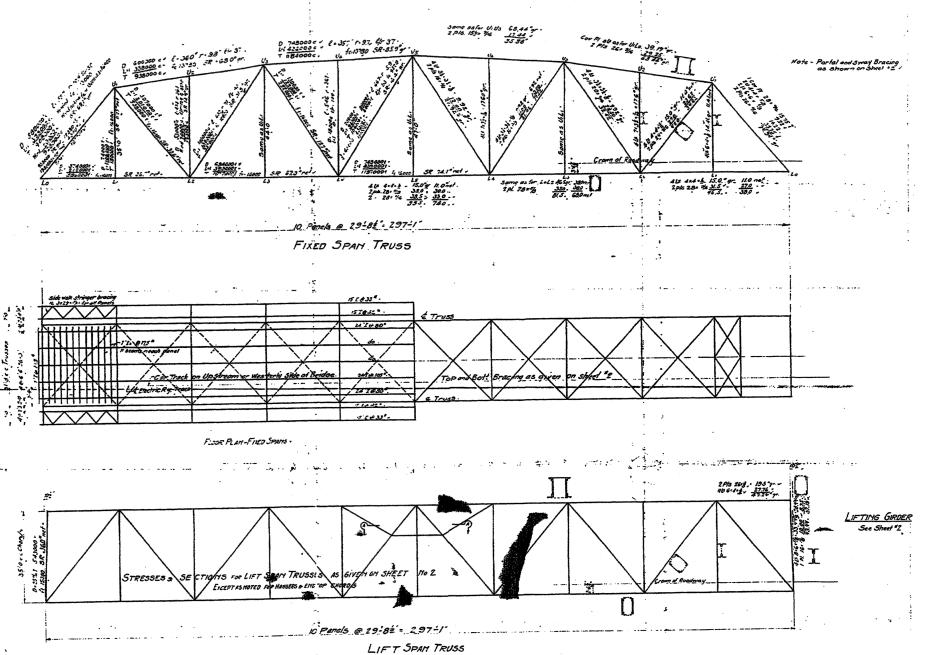
Made by F.D.S. Date II-16-Traced by F.D.S. pate II-17-Checked by S.H. Date 12-1-

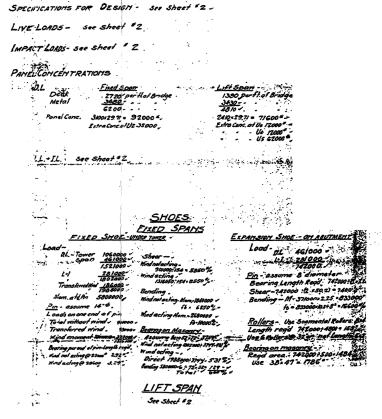
APPROVED AND ADOPTED

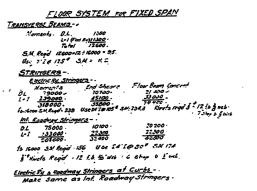
J. A. L. WADDELL Consulting Engineer. New York City. Sheet No I of

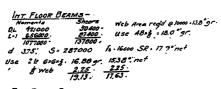












END FLOOR BEAMS Make Same as Int. Floor Beams.

SIGEMALE STRINGERS & CANTILEVERS - See Sheef #2

Oran Support of State of Support of Wall of House Orange of Support of Suppor

Machinery S. PPORTATO FLOOR STRINGERS SECTION A-A

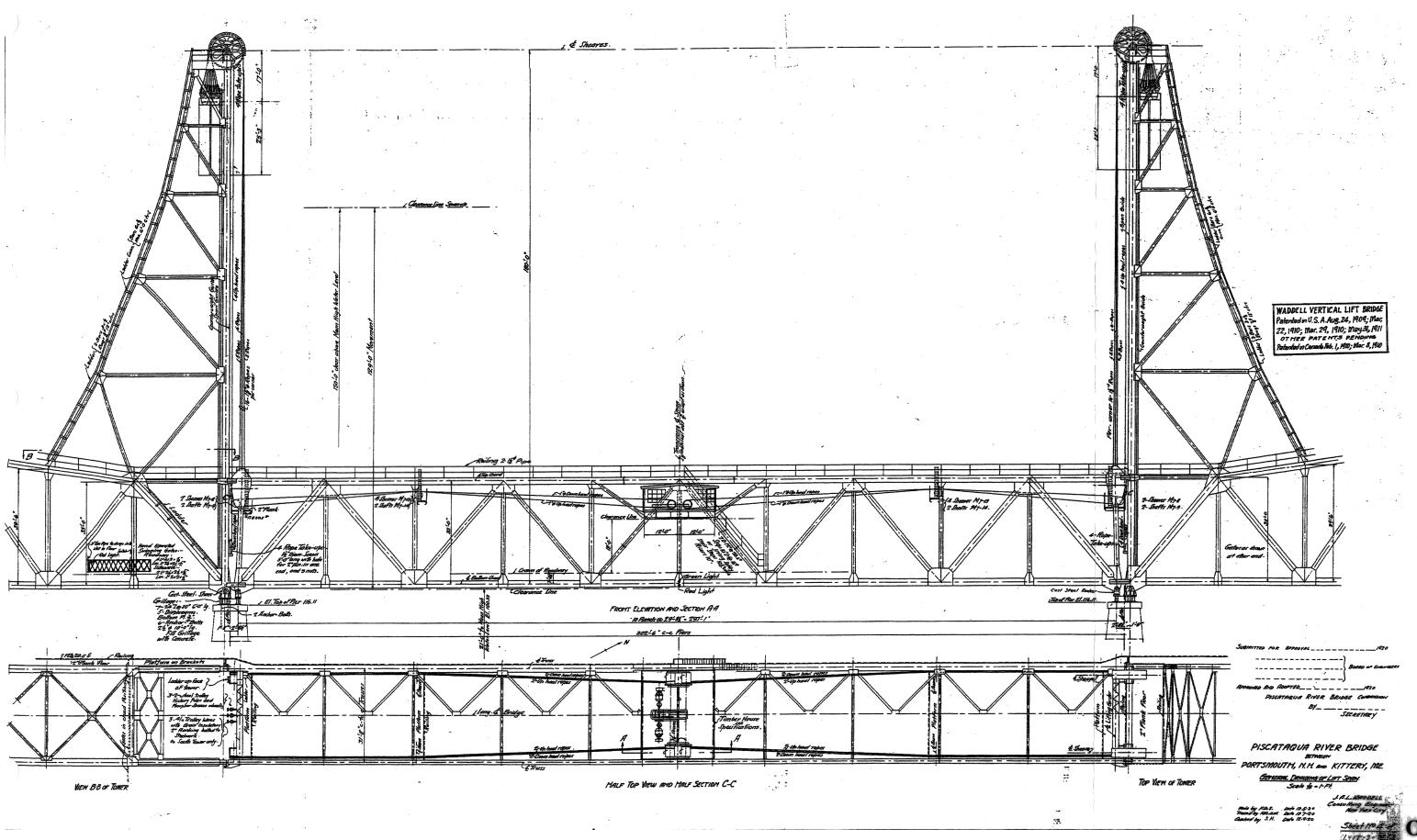
NOTE, - Information given on this sheet supersedes correspooding information given on Sheet No. 2:

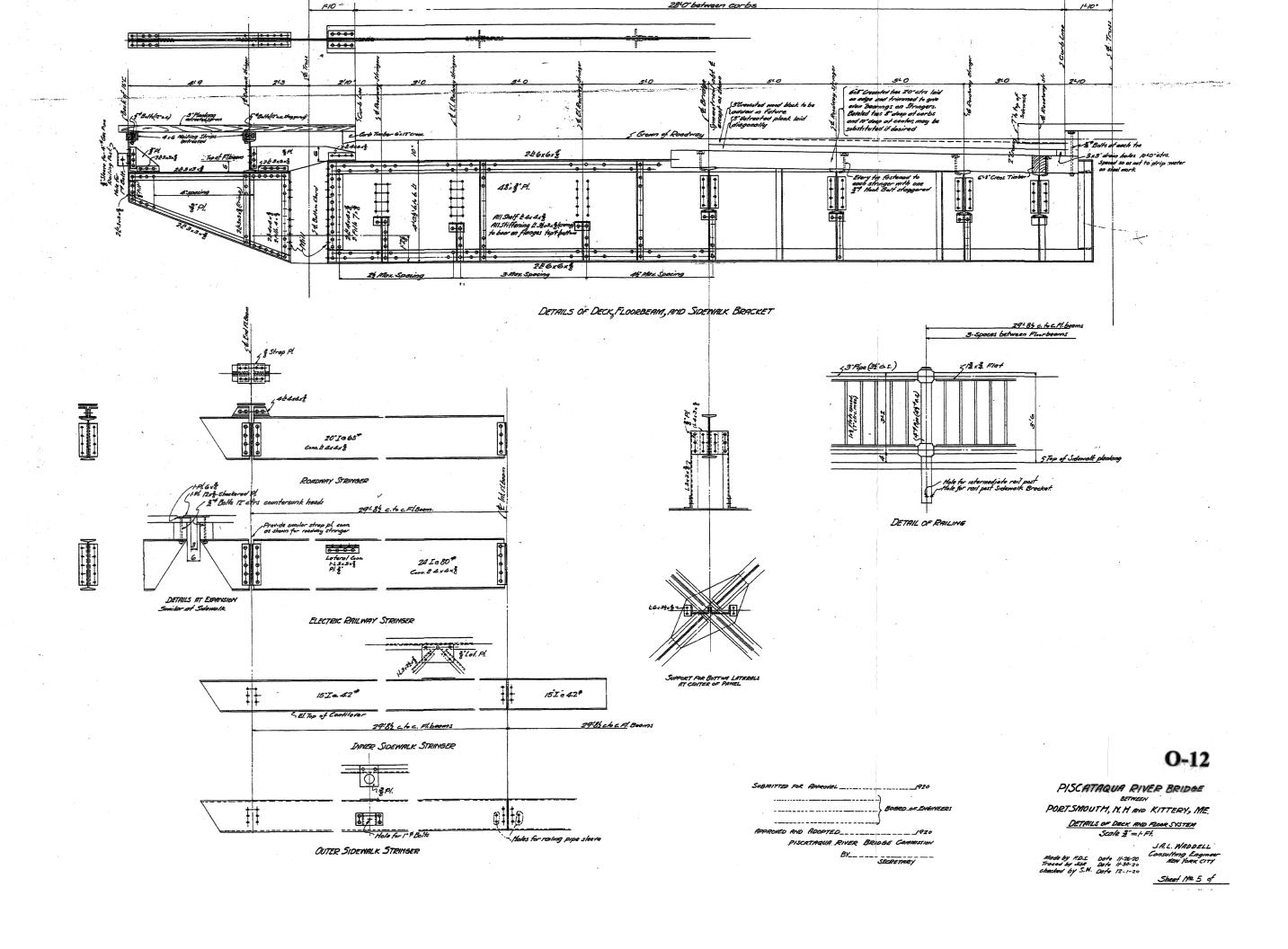
CONCRETE DECK DESIGN

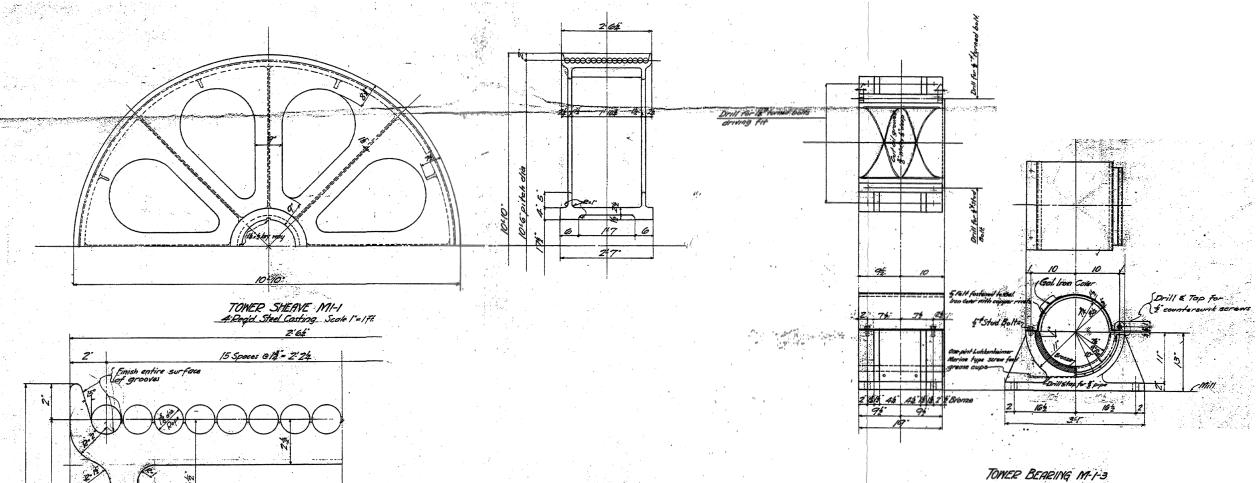
PISCATAQUA RIVER BRIDGL BETWEEN

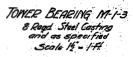
PORTSMOUTH, N.H. GND KITTERY, STREED SHEET

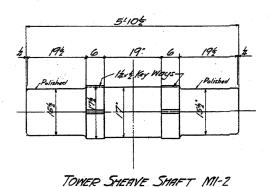
Scale











4 Regid, Steel Forging Scale I"= IFt.

1-103

RIM SECTION

WADDELL YERTICAL LIFT BRIDGE Patented in U.S. A. Aug. 24, 1909; Mar, 22, 1910; Mar. 29, 1910; May 31, 1911. OTHER PATENTS PENDING Patented in Canada Feb. 1, 1910; Mar. 8, 1910.

0-13

PISCATAQUA RIVER BRIDGE
DETMEN

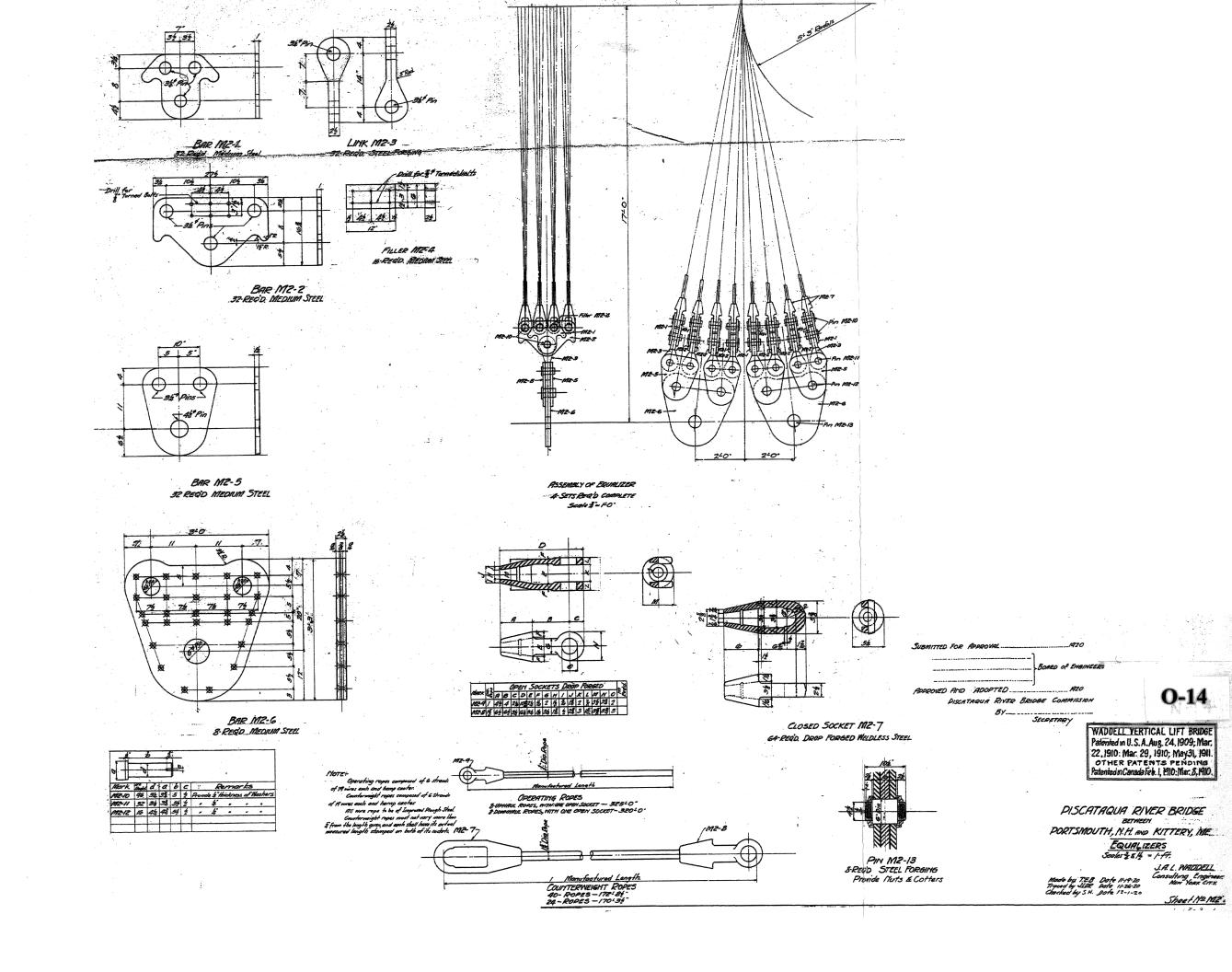
PORTSMOUTH, N. H AND KITTERY, ME.

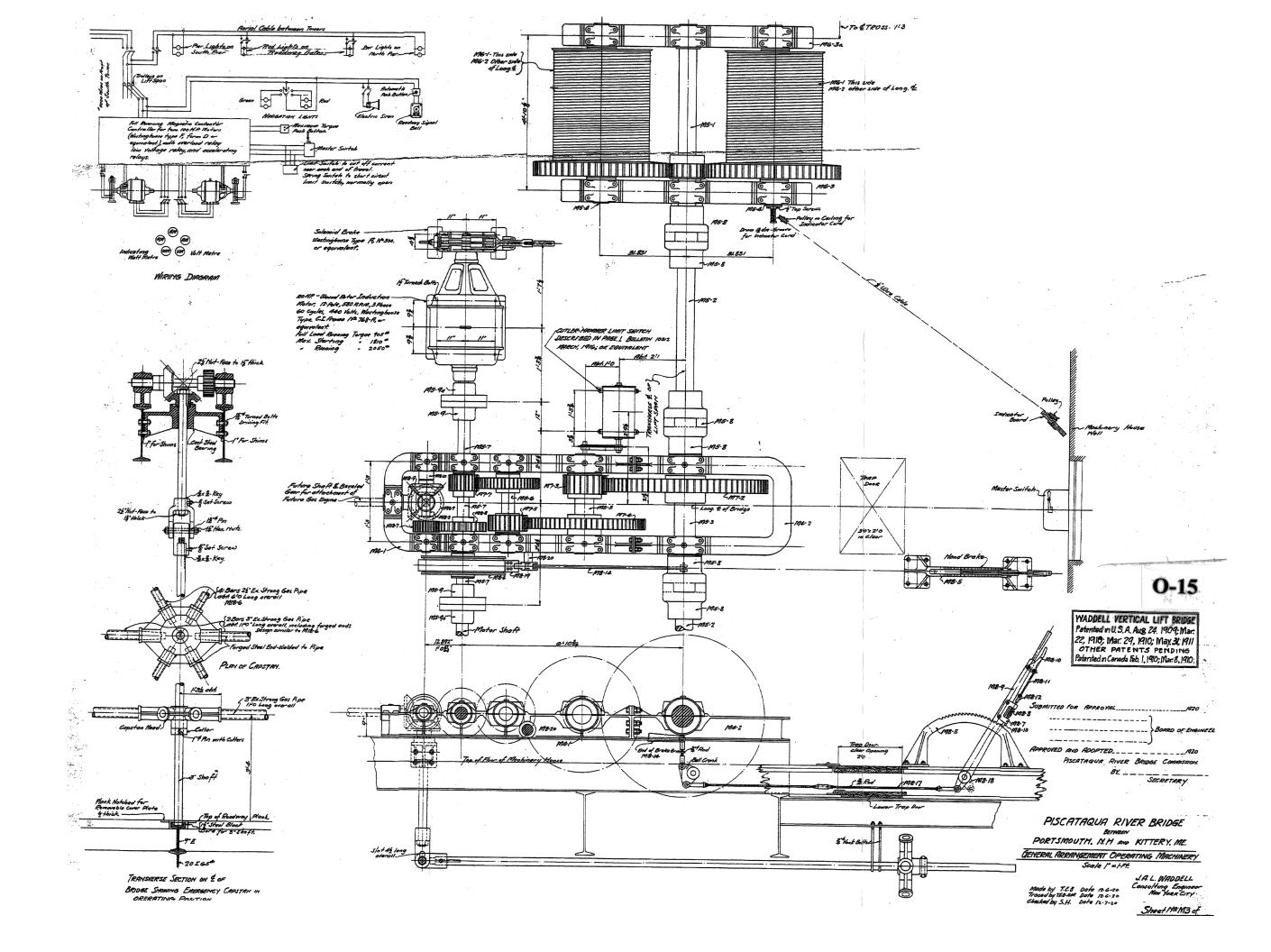
DETMIS OF TOWER SHEWES, SHAPTS & BEHEWES.
SCORE | & 1/F & 1/F &

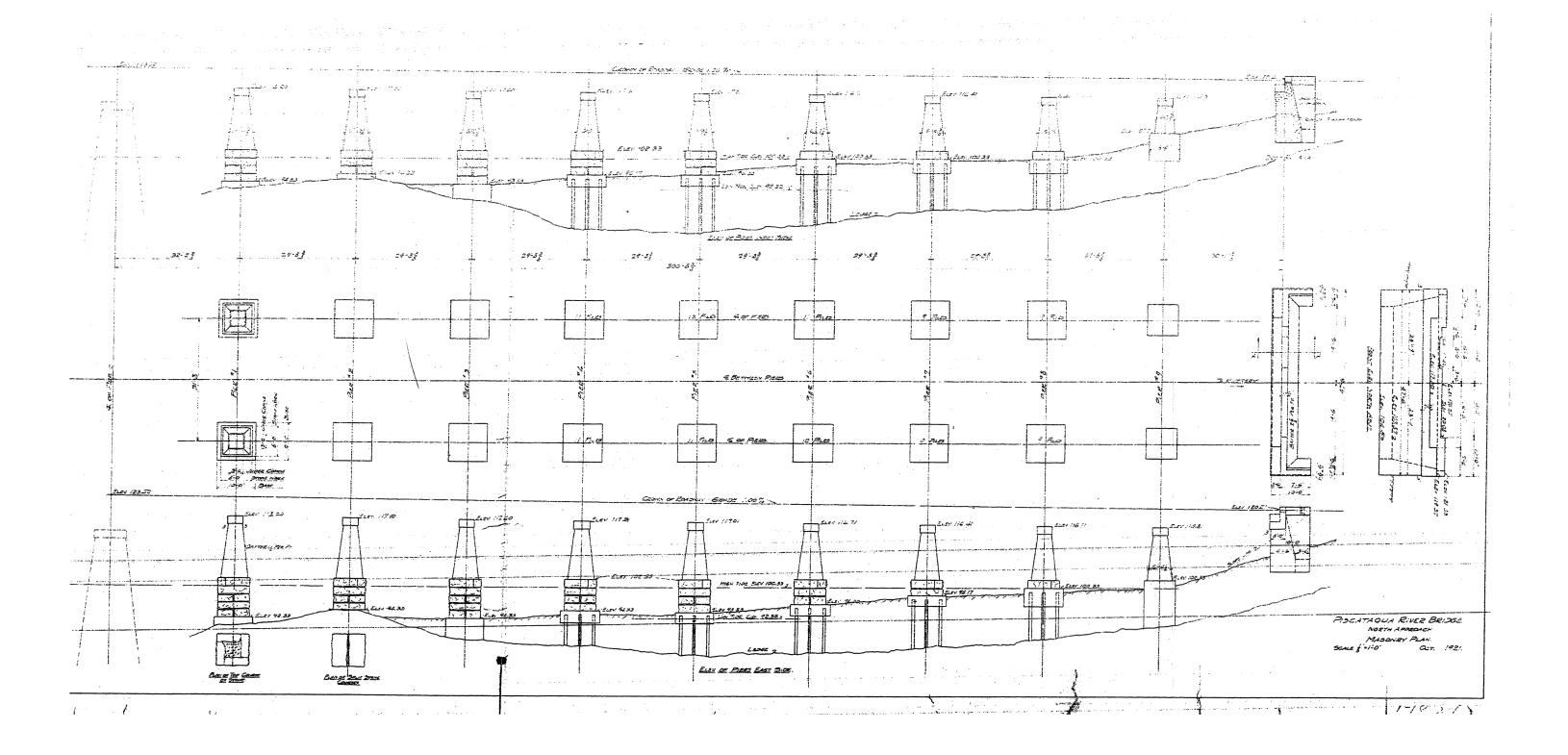
JAL. WADDELL

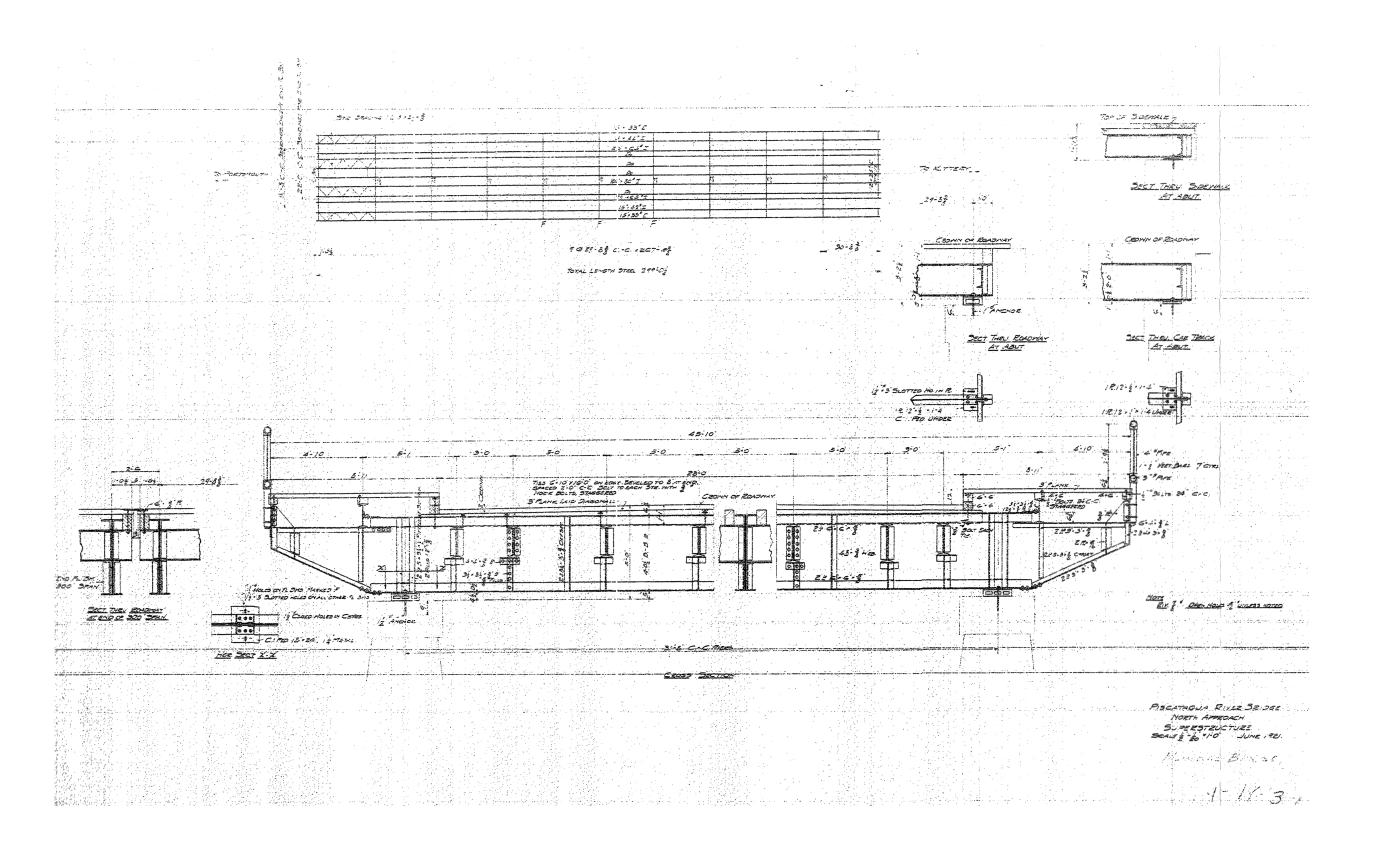
Consulting Engineer
and by SEE Borley-177-20
Read by S.H. Dorle 12-1-20

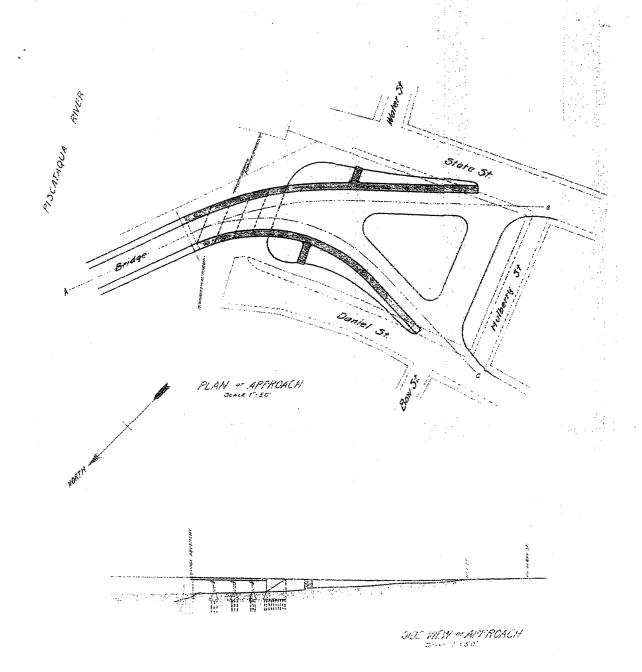
Sheef 1/94101

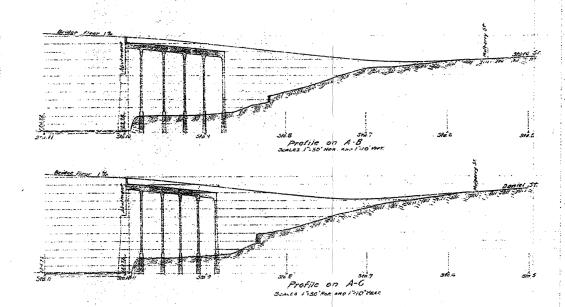












PISCATAQUA RIVER BRIDGE FORTSMOUTH APPROACH

GENERAL PLAN

Scales / = 50 and / 4/0'

December 1921

12.7

