

— VIADUCT —

TRESTLE — Length — centre to centre of Abutments — 335 feet
 Excavation for Abutments and Piers — 33 cu. yds.
 Masonry in Abutments and Piers — 30 " "

BILL OF MATERIAL

Hemlock — Caps 2x6 = 270 B. M. feet
 " Posts 6x6 = 1080 " "
 " Braces 1x6 = 205 " "
 " Ties 1x6 = 205 " "
 1760 " "

Bolts 54 — 1/2" x 13"
 Washers 108 — 1/2"

STONE

Excavation for abutments & piers — 47 cu. yds.
 Masonry in abutments & piers — 128 " "
 * These items may be increased if good foundation is not developed
 3 1/2 ft. below surface.

— BOXING —

Including Sills on fill and blocks under pipe — Total length 475 ft.

Hemlock — Posts 80 — 3"x4"x3' = 240 B. M. feet.
 " Rafter 80 — 2"x4"x5' = 267 " "
 " Sills 14 — 12"x12"x5' = 840 " "

Oak — Blocks 40 — 6"x12"x3 1/2' = 840 " "

White Pine Roofing boards 2616 " "

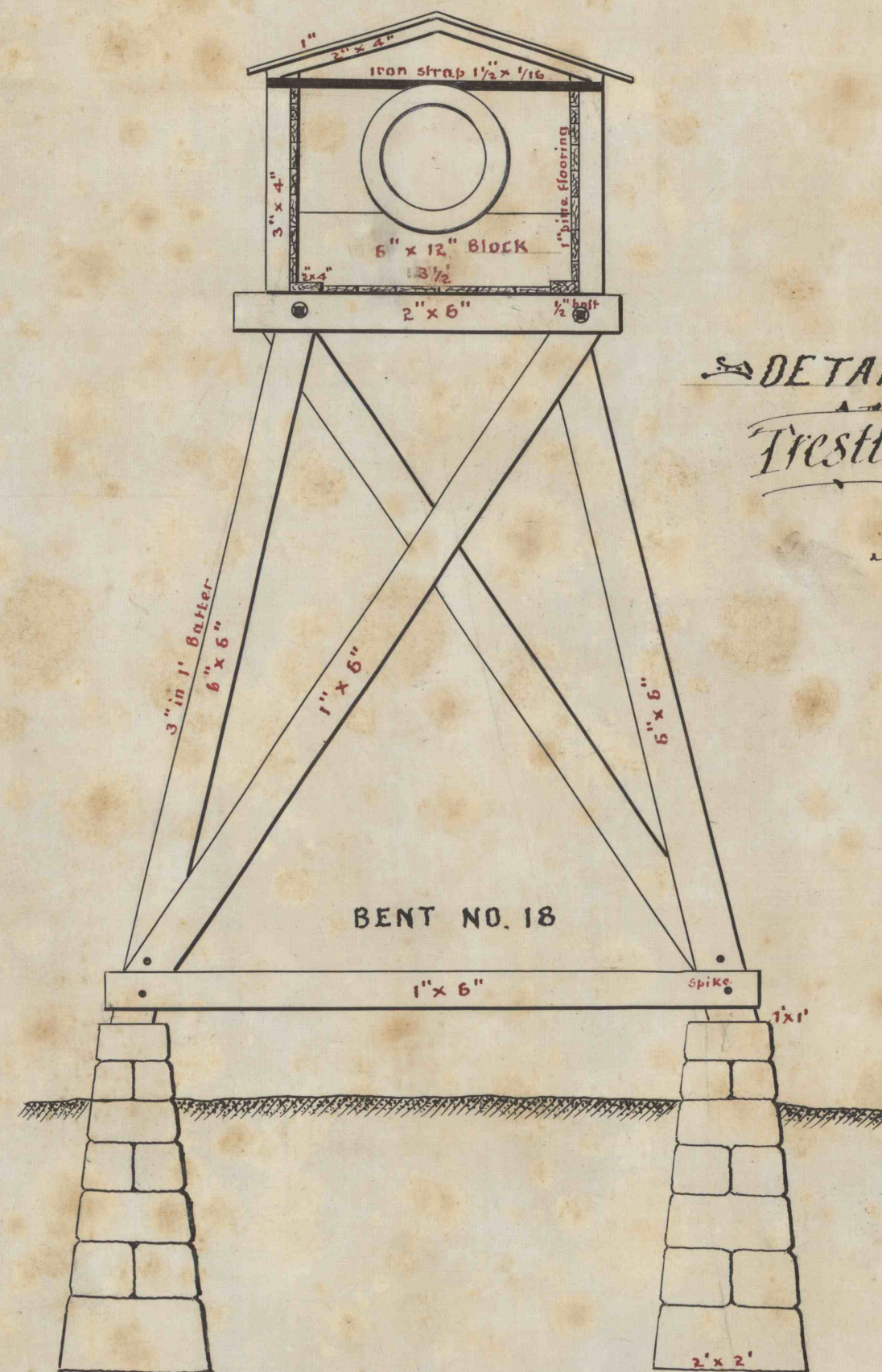
" " Stiffener 2"x4" 634 " "

Yellow Pine Flooring 5050 " "

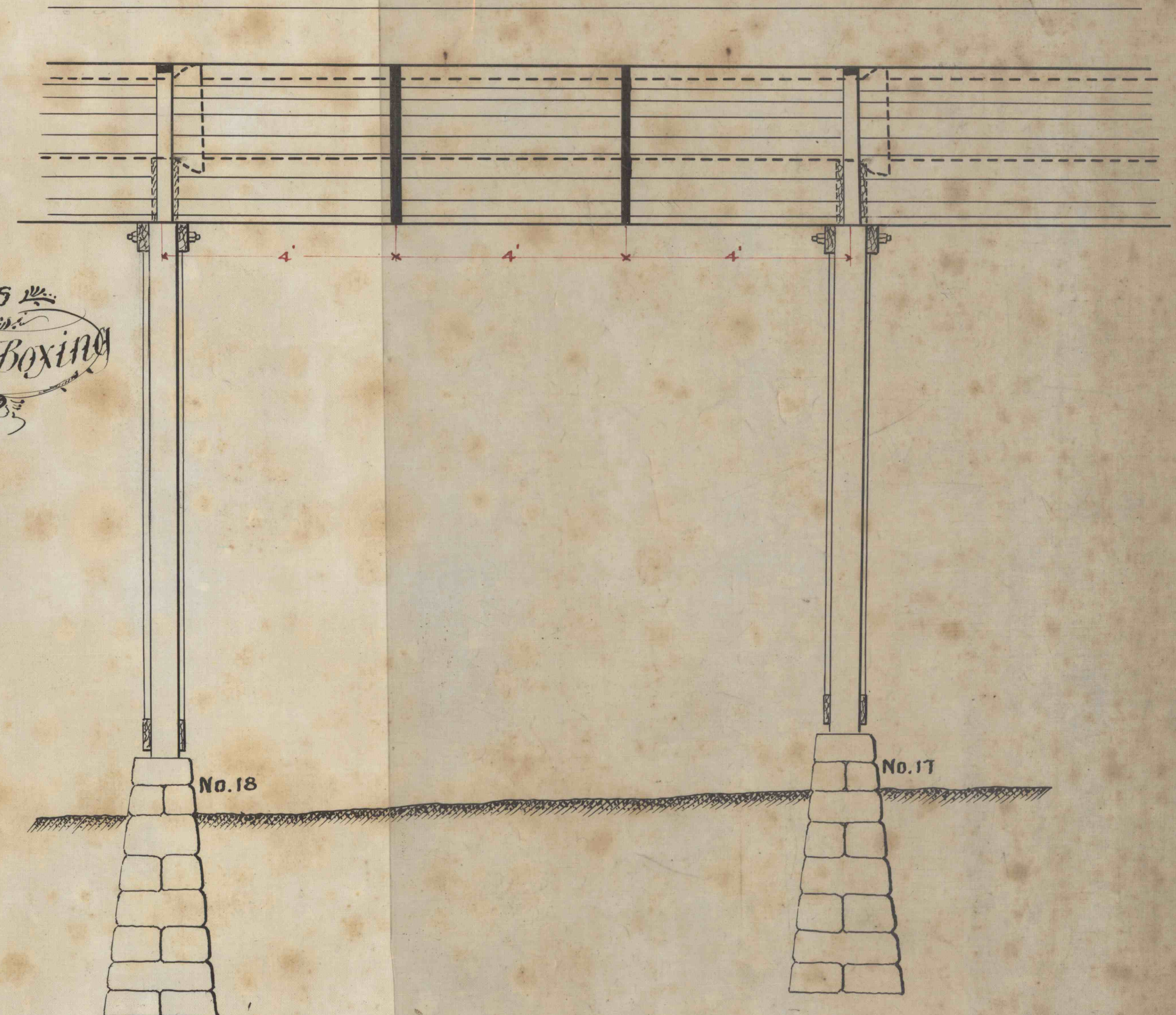
Strap Iron — 1/16" x 1 1/2" 1210 ft. 378 lbs.

Asphalt Roofing paper 2600 sq. feet

Joints on flooring to be filled with lead & oil paint when
 laying and boxes to be closed at end and made as nearly
 airtight as possible



DETAILED PLANS
 Trestle and Pine Boxing
 Scale 1" = 2'



Profile of fill and Viaduct

ON
 LINE No 3

SCALES Hor. 20' Ver. 20' 1"

Heber S. Thompson
 James Archbald Jr.
 May 28-1901

