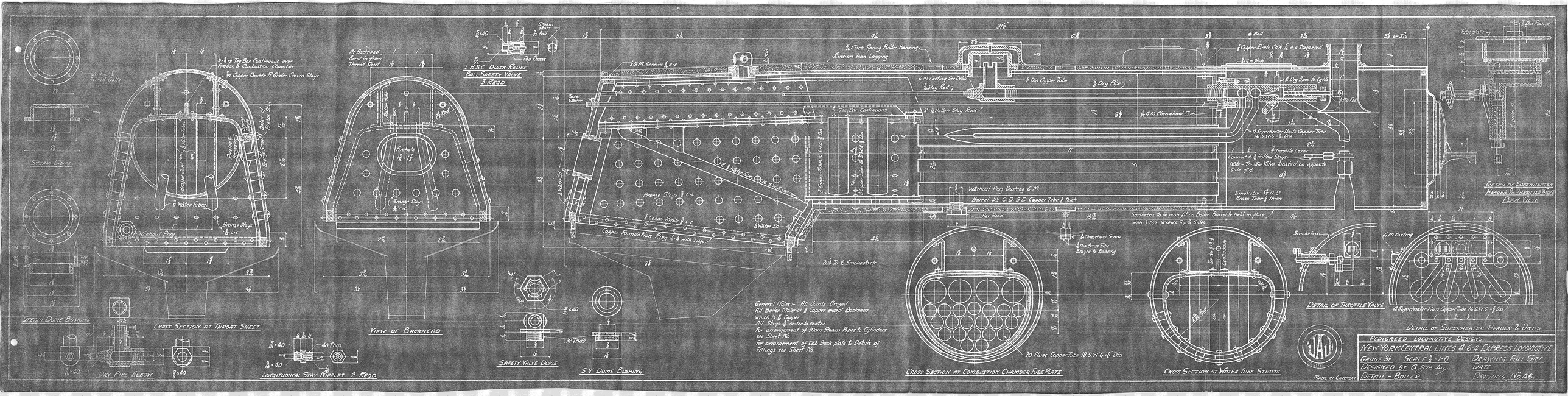
Steam Dome
Steam Dome Bushing
Cross Section at Throat Sheet
View of Backhead
Safety Valve Dome
S.V. Dome Bushing
Dry Pipe Elbow
Longitudinal Stay Nipples. 2-Reqd.
L.B.S.C. Quick Relief Ball Safety Valve 5-Reqd.
Washout Plug Bushing G.M.
Barrel 52 O.D. 5 D. Copper Tube ⅜ Thick
Smokebox 54 O.D. Brass Tube ⅜ Thick
Smokebox to be push fit on Boiler Barrel & held in place with 3 C.S. Screws Top & Sides
20 Flues. Copper Tube 1⅞ S.W.G. × ½ Dia.
Cross Section at Combustion Chamber Tube Plate
Cross Section at Water Tube Struts
Detail of Throttle Valve
Detail of Superheater Header & Throttle Valve Plan View
Detail of Superheater Header & Units
Tubeplate
Smokebox
G.M. Casting
4 Superheater Flues Copper Tube 1⅞ S.W.G. × ½ Dia.
General Notes – All Joints Brazed
All Boiler Material & Copper except Backhead which is ⅜ Copper
All Stays ⅜ center & center
For arrangement of Main Steam Pipes to Cylinders see Sheet 16
For arrangement of Cab Back plate & Details of fittings see Sheet 16
Made by Gannon
Pedigreed Locomotive Designs
New York Central Lines 4-6-4 Express Locomotive
Gauge 4½ Scale ½ = 1-0
Designed by A. Von Ins.
Detail – Boiler
Drawing Full Size
Date
Drawing No. 16