



DESIGNATION OF SYMBOLS

- A - 6-1/16" Main Steam Nozzle 12-7/8" Studs, 2-3/4" above raised face
- B - 4-1/2" Duplex Safety Valve Nozzle, 12-1" Studs, 2-5/16" above face
- C - B&W Feed Regulator Nozzle, 8-3/4" Studs 2" above finished face
- D - 2-1/2" Main feed nozzle, 8-3/4" Studs, 1-9/16" above finished face
- E - 2-1/2" Auxiliary Feed Nozzle, 8-3/4" Studs, 1-9/16" above finished face
- F - Steam Gauge Connection and air valve nozzle, 4-3/4" Studs, 1-1 1/2" above face
- G - 1-1/2" Surface Blow, 4-3/4" x 5/8" Studs screwed in from outside, 1-1 1/2" above outside face and 1-1 1/2" above inside face
- AE - 2" De-Superheater Inlet nozzle, 8-5/8" Studs 1-13/16" above raised face, 2" Pipe tap from inside
- AF - 2" De-Superheater Outlet Nozzle 8-5/8" Studs 1-13/16" above raised face, 2" Pipe tap from inside
- J - Internal Water Gauge Rod, 3/4" Pipe Tap
- K - Gauge Cock, 3/4" Pipe Tap
- N - 12" x 16" N-hole

NOTE: RAISED FACE ON NOZZLE A 1/4" HIGH, AND RAISED FACE OF NOZZLES B, D AND E 1/16" HIGH TO BE SEPARATED WITH 45° V-SHAPED GROOVES 1/32" DEEP, SPACED 1/16".

FACES MARKED B, D AND E TO HAVE TWO V-SHAPED GROOVES 1/16" DEEP EQUALLY SPACED BETWEEN BOLT HOLES AND BORE.

CIRCULATING TUBES 4" DIAMETER
DOWNTAKE 12" DIA. 4" DIAMETER
WORKING PRESSURE 300 LBS. PER SQ. IN.
INSPECTION U.S. STEAMBOAT AND M. BUREAU.

FOR FOUR EXTERNAL BOILERS 2, 3 & 5
SHEET NO. 192815

THIS DRAWING OWNED BY
THE BABCOCK & WILCOX COMPANY
IS CONDITIONALLY LOANED TO

FOR EXTERNAL BOILERS #1, 4 and 6

DATE 5-23-29
BY 1130-1

REVISION (1) Added 2" pipe tap from inside to nozzles marked AD & AE 4/12/29 (2) Changed description of main steam nozzle in table of symbols to call for 12-7/8" studs instead of 12-3/4" studs 1/29/30

S/S. BULK OIL
NEWPORT NEWS RPT 5002

2019

W. H. S. 24/5/37's Register
Foundation

W313-0025