

SOUTHERN RAILWAY DRAWING PS4 SMOKEBOX INTERNAL SECTION

ALL DETAILS TO BE FITTED SO THAT NO OPENINGS ARE LARGER THAN $\frac{3}{4}$ " x $\frac{1}{4}$ " FOR SPARKS TO PASS THROUGH

THIS DIMENSION EQUAL TO FINISHED FACE OF HEADER.

DRILL TO SUIT STUDS IN HEADER.

5 - $\frac{3}{4}$ " STRAIGHT TURNED BOLTS R. & L. HOLES REAMED IN BOTH SHELL AND SUPPORT DRIVEN FROM OUTSIDE. TWO NUTS ON EACH BOLT.

LOCATE THESE SUPPORTS CORRECTLY AFTER HEADER HAS BEEN PLACED IN ITS PROPER POSITION AND BEFORE SUPERHEATER UNITS ARE PUT IN. HEADER SHOULD BEAR SQUARELY ON SUPPORTS.

NETTING STYLE NO. 2 SEE SL-30008

NETTING STYLE NO. 1

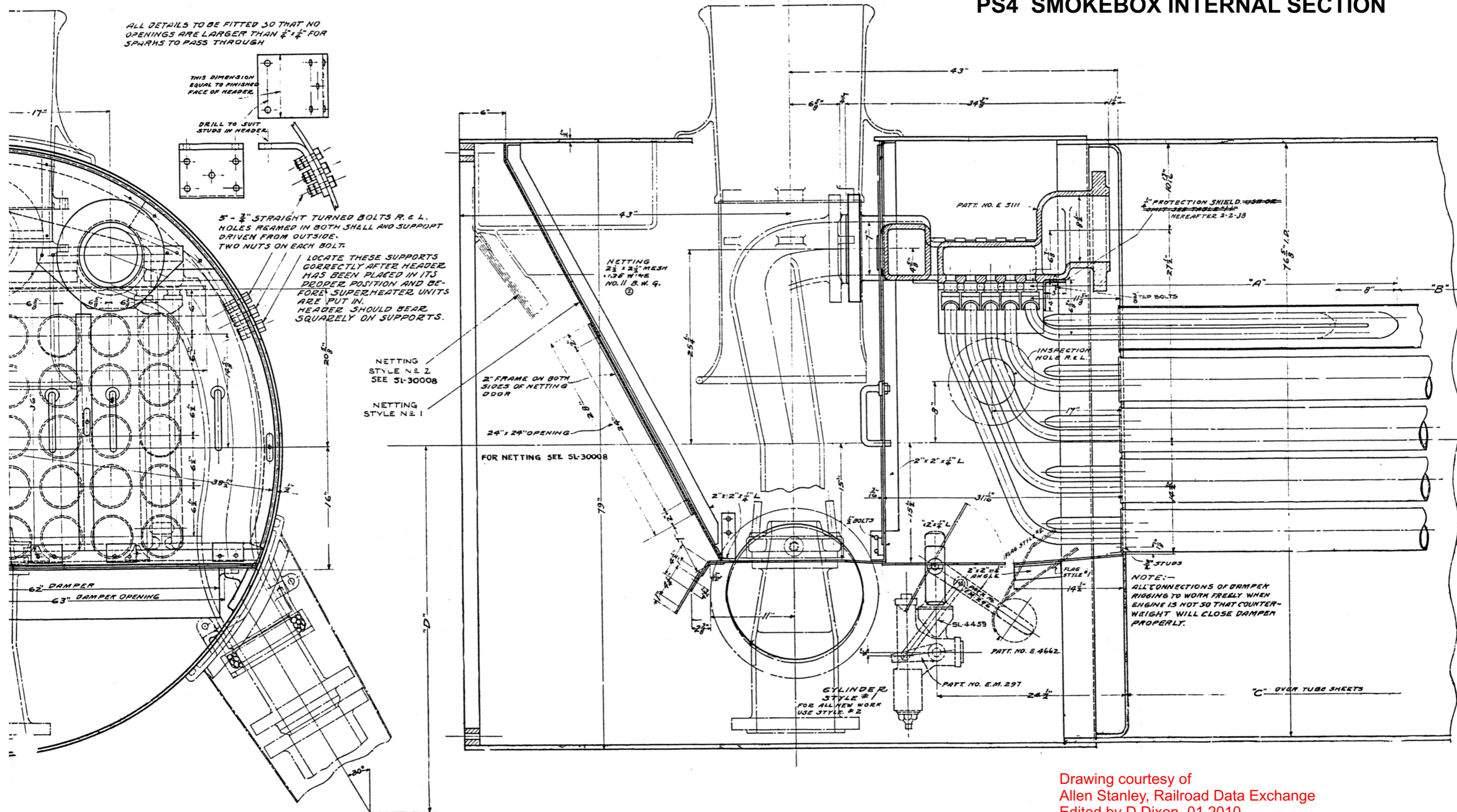
2" FRAME ON BOTH SIDES OF NETTING DOOR

24" x 24" OPENING

FOR NETTING SEE SL-30008

CYLINDER STYLE #1 FOR ALL NEW WORK USE STYLE #2

NOTE: ALL CONNECTIONS OF DAMPER RIGGING TO WORK FREELY WHEN ENGINE IS HOT SO THAT COUNTERWEIGHT WILL CLOSE DAMPER PROPERLY.



Drawing courtesy of
Allen Stanley, Railroad Data Exchange
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