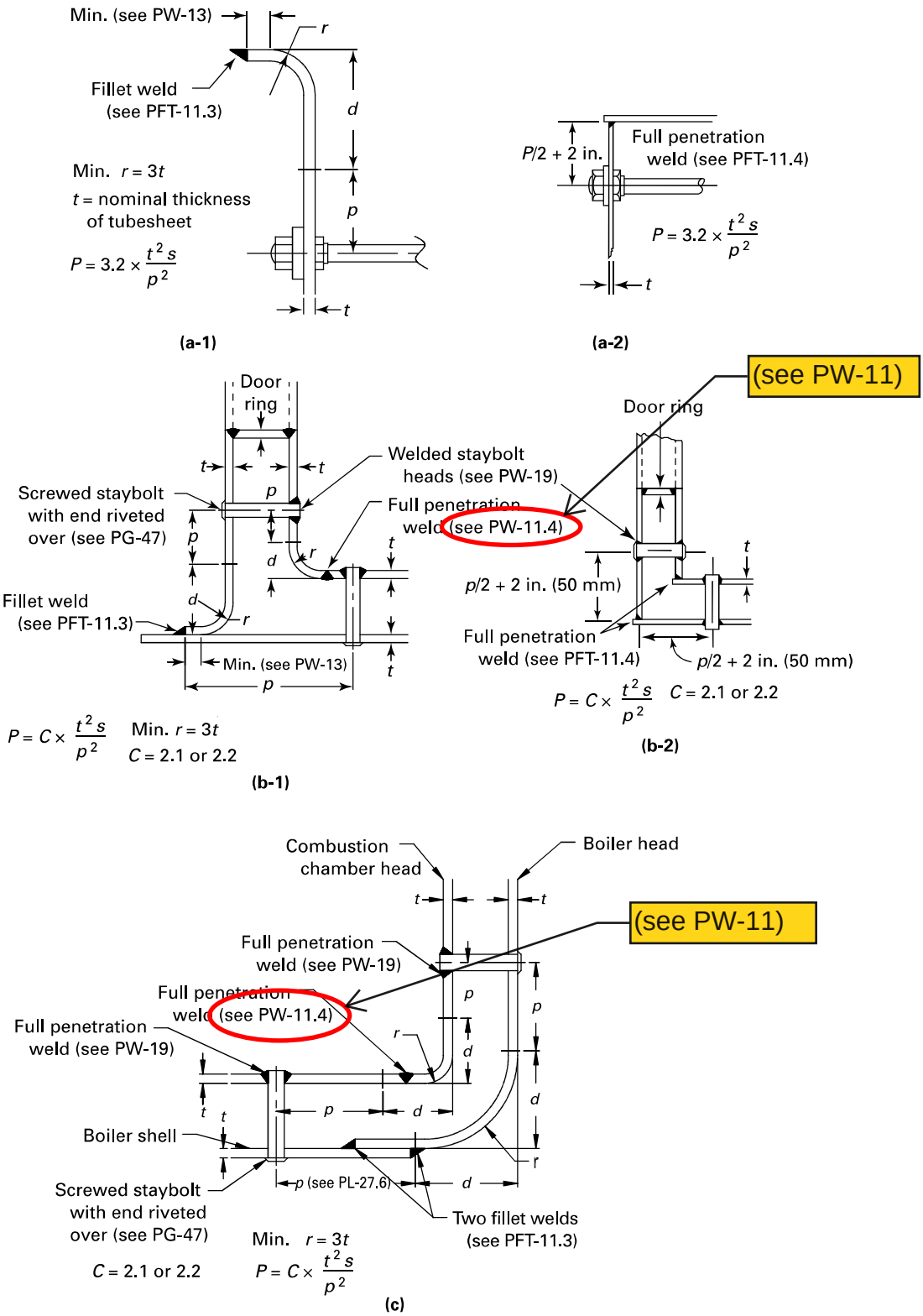
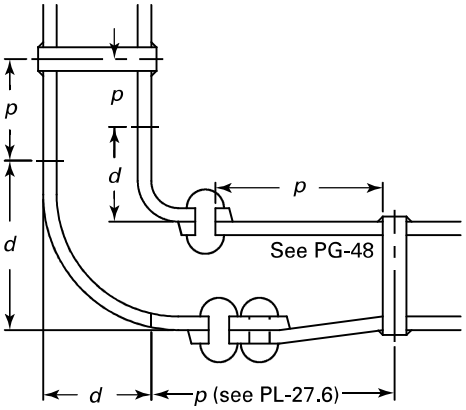
Item 22-2251
Page 1 of 4

Figure A-8
(21) **Detail Illustrations Showing Application of PG-48 and PFT-27 to the Staying of Boilers**

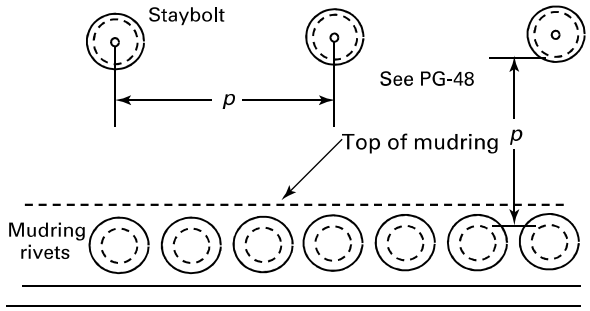


Item 22-2251
Page 2 of 4

Figure A-8
Detail Illustrations Showing Application of PG-48 and PFT-27 to the Staying of Boilers (Cont'd)

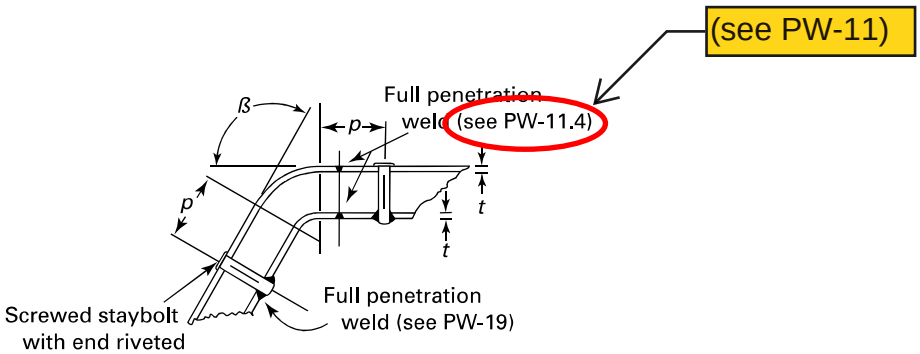


(g-1)



Example where rivets support sheet; not for unsupported lap joint

(g-2)



$$P = 2.2 \times \frac{t^2 s}{p^2} \times \left[\frac{90}{ß}\right]^2$$

ß = angularity of tangent lines in degrees

(h)

Figure A-8
Detail Illustrations Showing Application of PG-48 and PFT-27 to the Staying of Boilers (Cont'd)

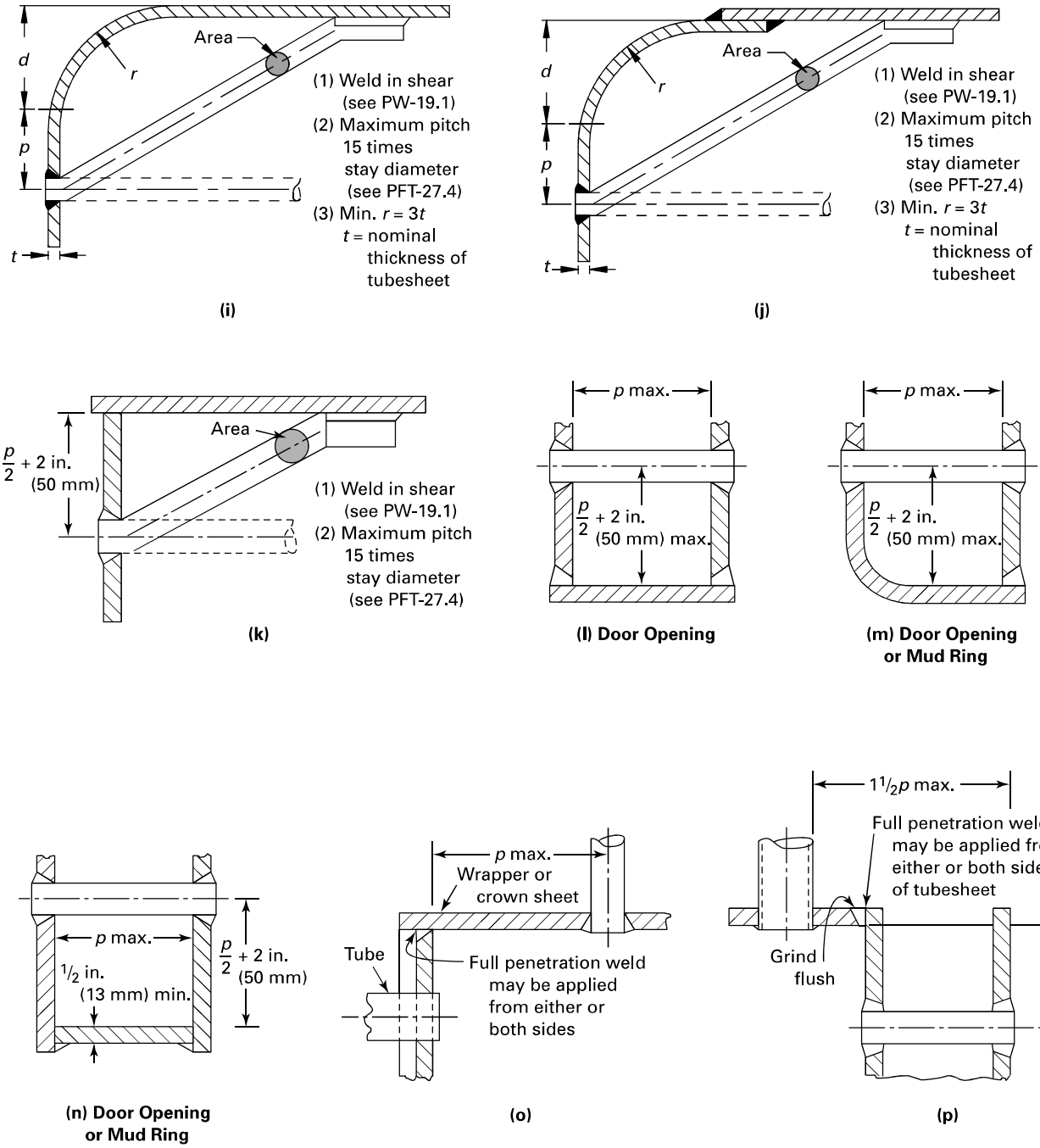
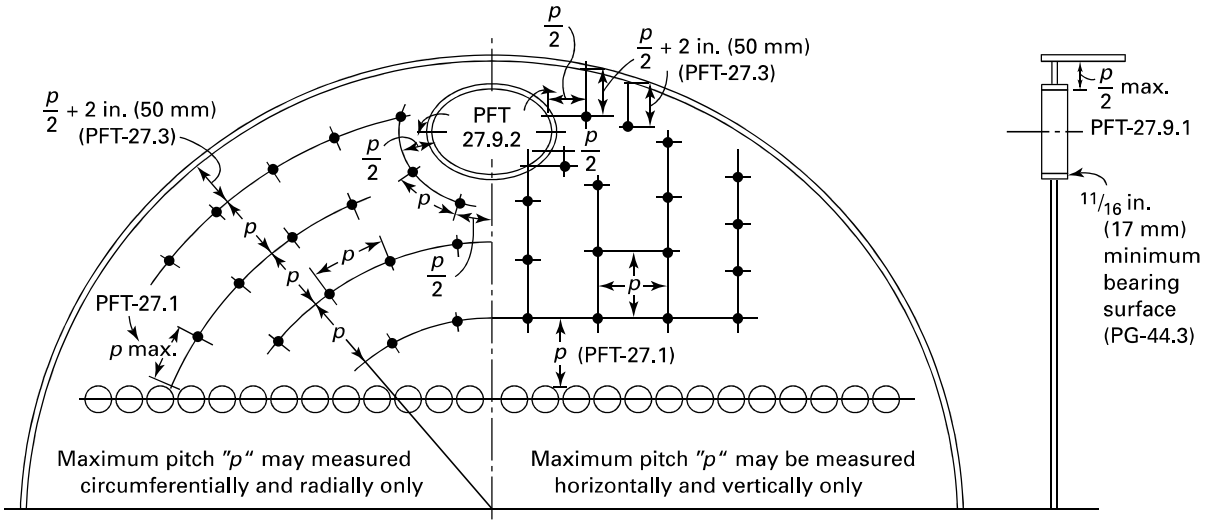


Figure A-8
Detail Illustrations Showing Application of PG-48 and PFT-27 to the Staying of Boilers (Cont'd)

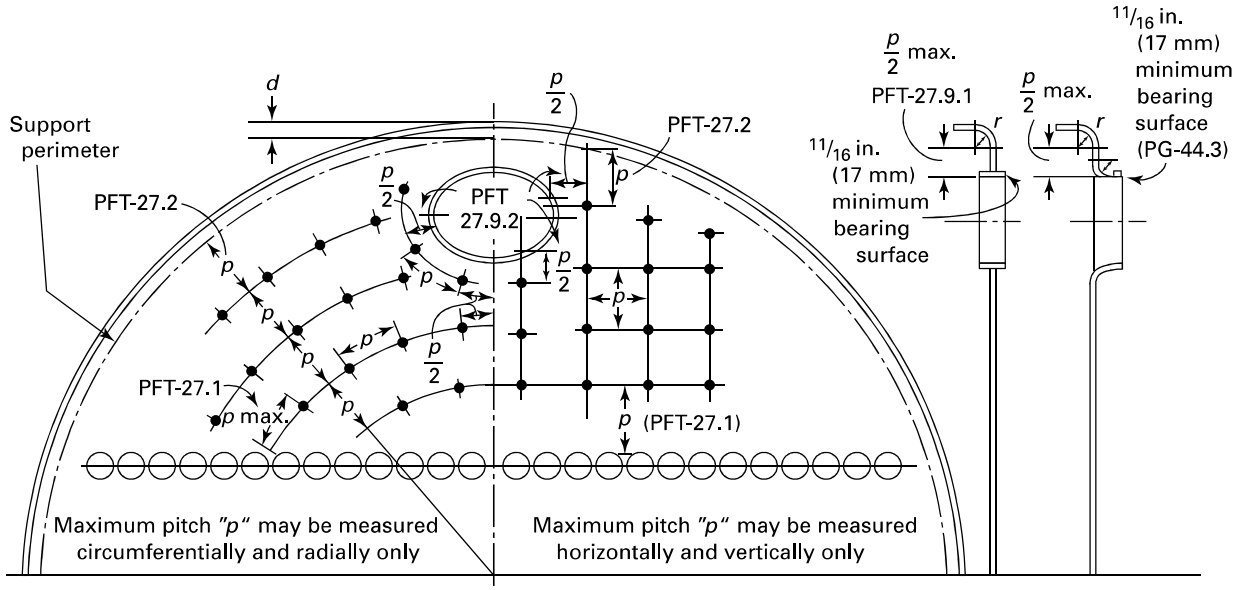


(1) Provide stay cross-sectional area required by PG-49 based upon allowable stresses from Section II, Part D, Subpart 1, Table 1A.

(2) Provide the number of stays required to not exceed the maximum calculated pitch.

(3) Diagonal stay stresses must not exceed limits computed from PFT-32.

(q)



(1) Provide stay cross-sectional area required by PG-49 based upon allowable stresses from Section II, Part D, Subpart 1, Table 1A.

(2) Provide the number of stays required to not exceed the maximum calculated pitch.

(3) Diagonal stay stresses must not exceed limits computed from PFT-32.

(r)

GENERAL NOTE: "*p*" is same as given in PG-46.