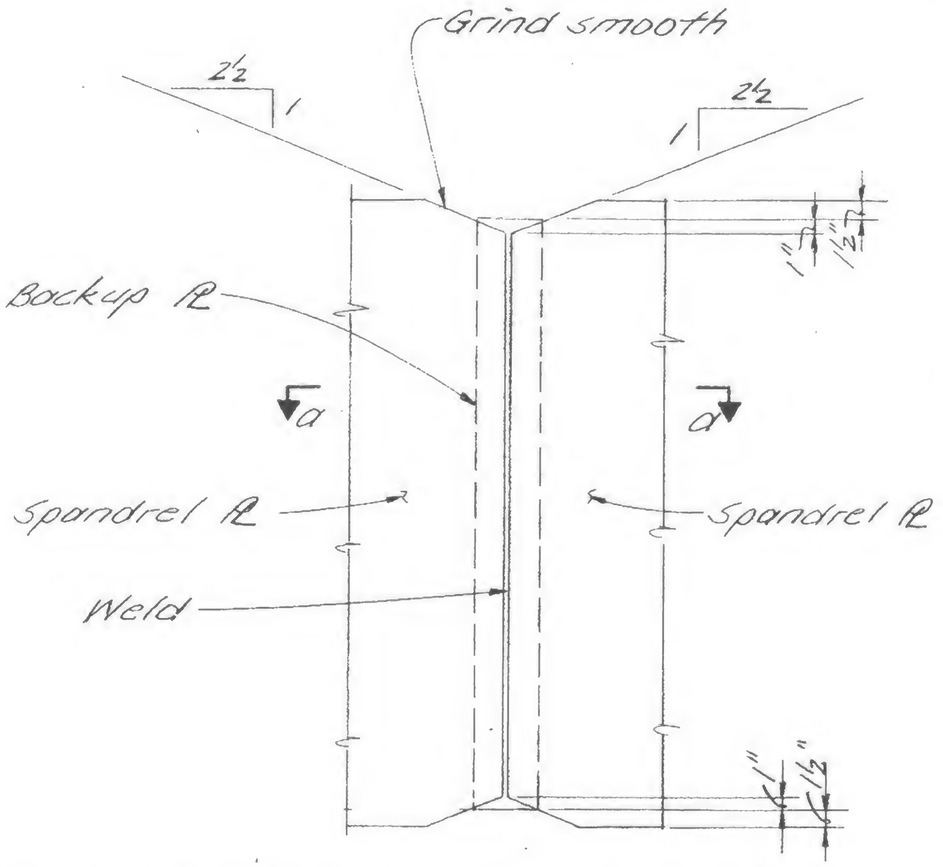
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER

TITLE: EXTERIOR WALL - SPANDREL SPLICE REPAIR PROCEDURE

DATE: 6-20-69

REVISIONS



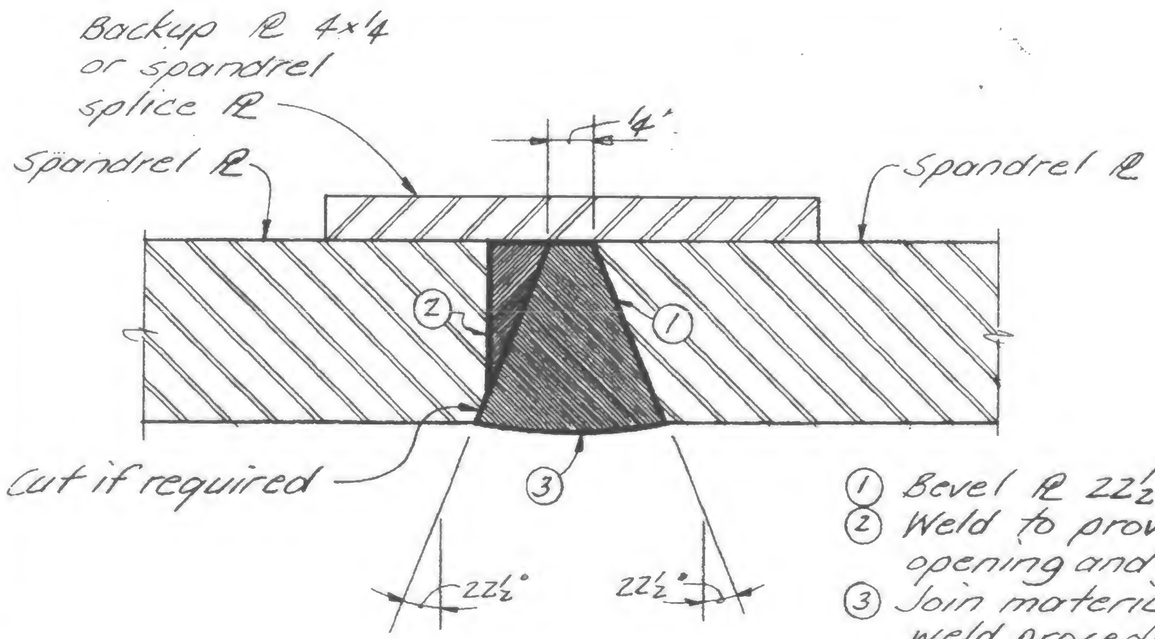

WELDED SPANDREL CONNECTION

NOTES:

A. Incorrect spandrel splice plates:
If the dimensions, thickness or hole pattern of the splice plates are incorrect, the plates should be discarded and replaced.

B. Incorrect hole pattern in spandrel plates:
Holes in spandrel plates that are not properly positioned should be filled with weld and ground flush. The correct hole pattern should then be drilled.

C. The spandrel plates may be butt welded as shown in lieu of the above procedures.




Section a-a

Notes:

1. Welding electrode shall be determined by the higher Fy of the spandrel plates. See Welding Electrode Table, 19-AB-1004.
2. Preheat shall be not less than AWS minimum, and shall conform, wherever applicable, to the steel manufacturer's recommendations.

① Bevel R 22½°
② Weld to provide ¼" root opening and 22½° bevel.
③ Join material by normal weld procedures (AWS BU-2)

DESIGNED: H. I. GELLER

DRAWN: J. Adams

REVIEWED: W. Brewer

19-AB-1005