AWS D1.1 Interpretation

Subject: Depth of Fusion
Code Edition: D1.1-90
Code Provision: Subsection 5.12.3
AWS Log: ID1-90-041-03

Inquiry:
(1) Is there any requirement in the D1.1 Code for a specified “depth of fusion or penetration” along each leg of the joint as distinguished from “fusion to the root of the joint?”
(2) Is the Committee aware of any code or standard which requires a specified “depth of fusion or penetration” along the legs of a standard 90° T-joint fillet weld and as described in D1.1-90, 5.12.3?

Response:
(1) No.
(2) It is beyond the Committee’s responsibility to reference or comment on other codes and their requirements.