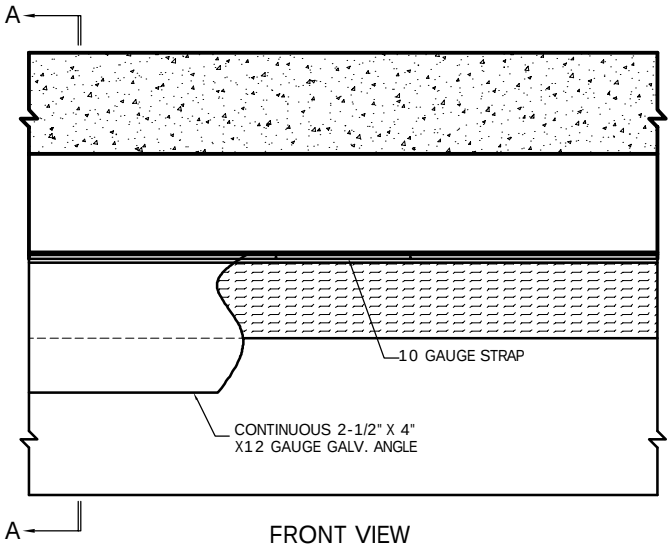
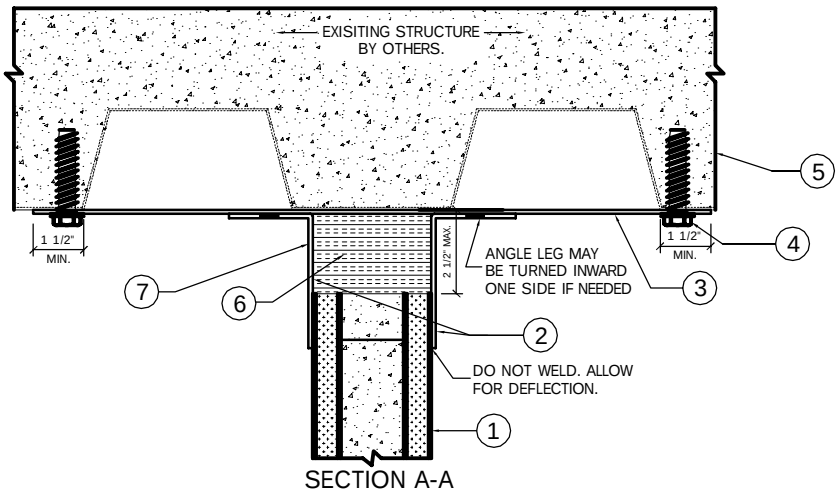
Trussbilt Manufacturing
Top of Wall Joint Detail
Detail No. T36

Wall parallel to floor decking under flute - non-load bearing wall.
Investigated by Intertek for compliance with applicable requirements. For use with Trussbilt's Fire Rated Wall Panel System TBM/MWP 180-01
For use with non-bearing wall installations.



FRONT VIEW



SECTION A-A

1. Trussbilt fire rated wall panel TBM/MWP 180-01 (3 hour rating)
2. Continuous 2-1/2" x 4" x 12 gauge (min.) A60, 409SS or 304SS w/ 9/16" Ø holes at 6" O.C. (max.).
3. 4" x 10 gauge A60 strap. Cut to length to span the flute and overlap the adjacent valleys by 1-1/2" minimum, located maximum 24" O.C. and fastened to floor assembly with appropriate Hilti anchors.
4. 1/2" x 2-1/2" min. concrete anchor to existing ceiling, both ends of strap.
5. Fire rated ceiling/floor assembly - fluted decking parallel to wall run.
6. Mineral wool safing, min. 4 PCF density, compressed 50%, flush w/ wall surfaces.
7. Minimum 1/8" (wet) thickness Hilti CFS-SP WB or equivalent firestop joint spray to completely cover mineral wool, overlapping minimum 1/2" onto wall panel straps & metal deck.