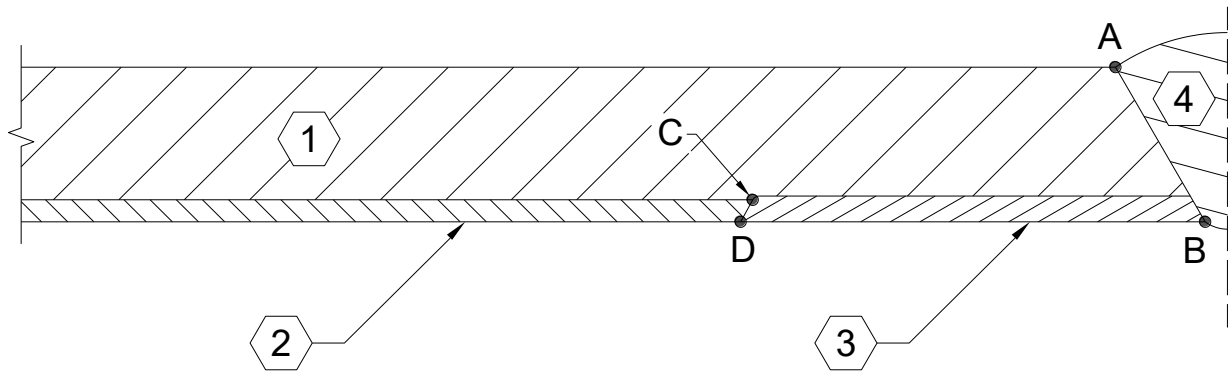
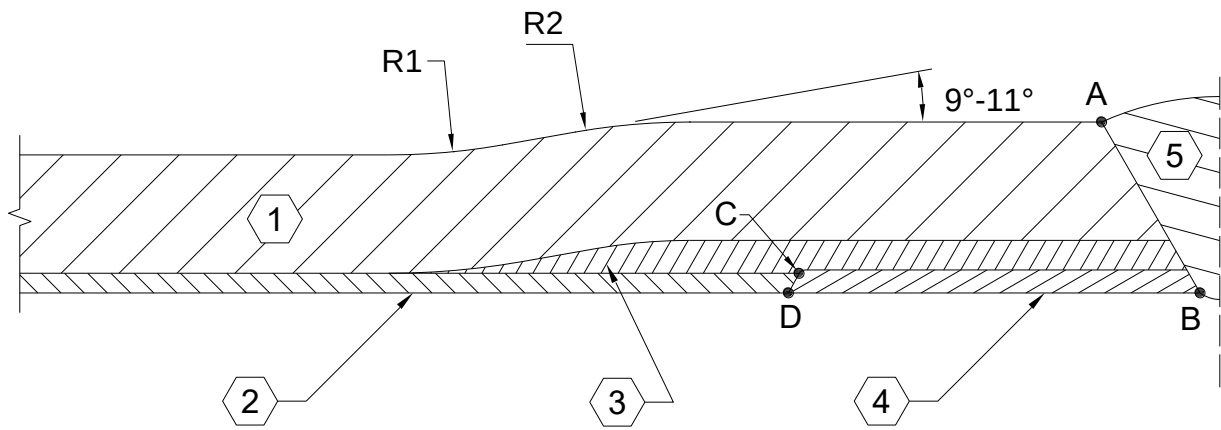




1. Outer host pipe (CS)
2. Inner liner pipe (CRA)
3. Clad overlay weld
4. Girth weld - pipe to pipe

Figure 1: Typical mechanically lined pipe (MLP) pipe end - cross-sectional view



1. Outer host pipe (CS)
2. Inner liner pipe (CRA)
3. 1st clad overlay weld (before liner insertion)
4. 2nd clad overlay weld (after liner insertion)
5. Girth weld - pipe to pipe

Figure 2: Mechanically lined pipe (MLP) upset pipe end - cross-sectional view