```
GreatestLowerBound (T): trait
  introduces
    __ ≤ __: T, T → Bool
    __ ⊓ __: T, T → T
  asserts ∀ x, y, z: T
    (x ⊓ y) ≤ x;
    (x ⊓ y) ≤ y;
    (z ≤ x ∧ z ≤ y) ⇒ z ≤ (x ⊓ y)
```