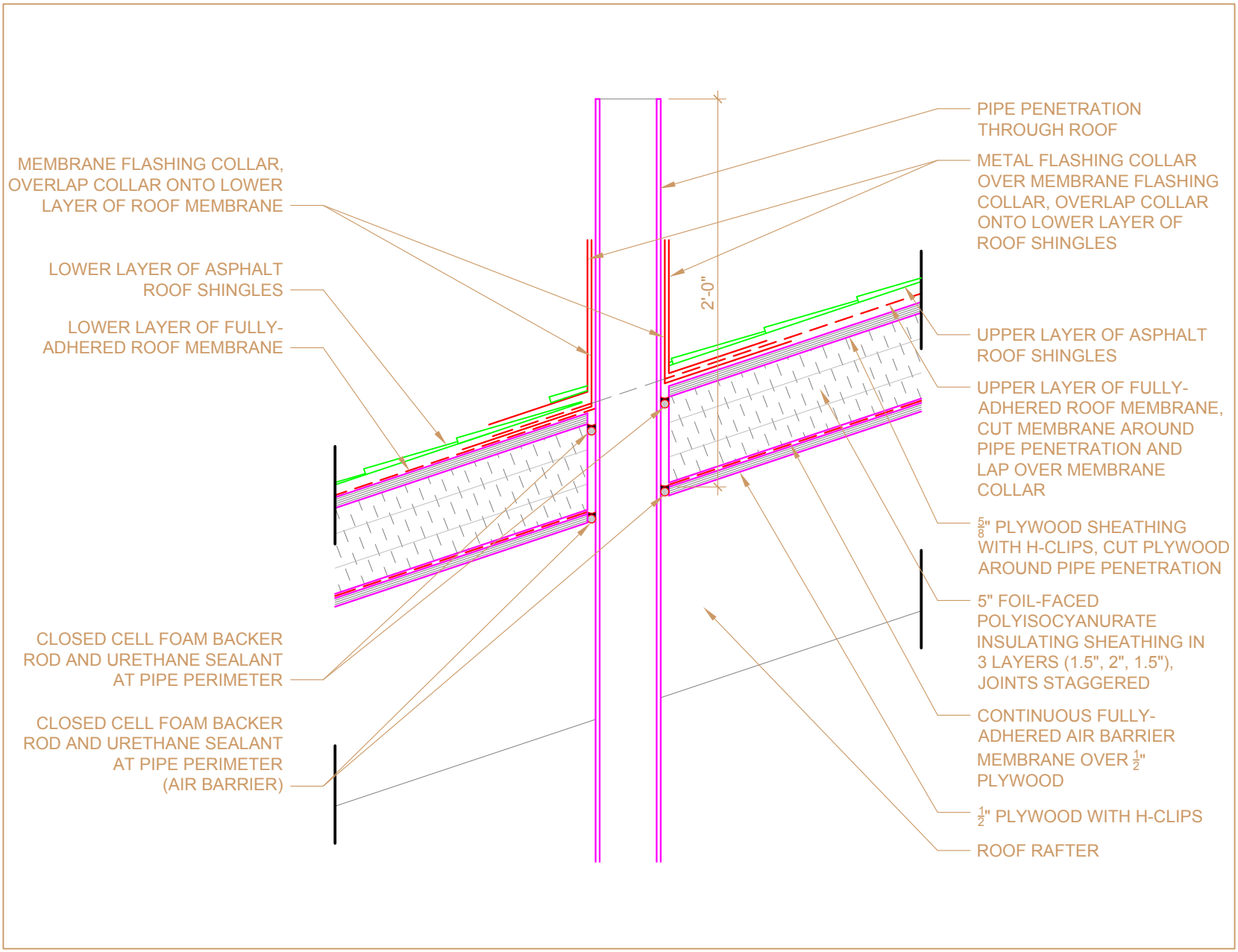
PIPE PENETRATION THROUGH ROOF
METAL FLASHING COLLAR OVER MEMBRANE FLASHING COLLAR, OVERLAP COLLAR ONTO LOWER LAYER OF ROOF SHINGLES
MEMBRANE FLASHING COLLAR, OVERLAP COLLAR ONTO LOWER LAYER OF ROOF MEMBRANE
LOWER LAYER OF ASPHALT ROOF SHINGLES
LOWER LAYER OF FULLY-ADHERED ROOF MEMBRANE
2'-0"
UPPER LAYER OF ASPHALT ROOF SHINGLES
UPPER LAYER OF FULLY-ADHERED ROOF MEMBRANE, CUT MEMBRANE AROUND PIPE PENETRATION AND LAP OVER MEMBRANE COLLAR
5/8" PLYWOOD SHEATHING WITH H-CLIPS, CUT PLYWOOD AROUND PIPE PENETRATION
5" FOIL-FACED POLYISOCYANURATE INSULATING SHEATHING IN 3 LAYERS (1.5", 2", 1.5"), JOINTS STAGGERED
CLOSED CELL FOAM BACKER ROD AND URETHANE SEALANT AT PIPE PERIMETER
CONTINUOUS FULLY-ADHERED AIR BARRIER MEMBRANE OVER 1/2" PLYWOOD
CLOSED CELL FOAM BACKER ROD AND URETHANE SEALANT AT PIPE PERIMETER (AIR BARRIER)
1/2" PLYWOOD WITH H-CLIPS
ROOF RAFTER