### Single-Wall Portal Frame Kit
- (2) Holdown assemblies
- (2) Orange composite standoff bases
- (5) Moment connection straps
- (1) Adjustable post base (ABW44Z)
- (33) SDW22300 truss-ply screws
- (8) SD9112 Connector screws
- (1) 6-lobe T-40 driver bit
- (1) Installation instructions

**Single-Wall Portal Installation**

**Single-Wall Portal Cut Lengths**
- Tall column (C1) = H1 + BD – 1 1/8”
- Short column (C2) = H1 – 1 1/8”
- Long beam (B1) = W1 + CW + PW
- Short beam (B2) = W1 + PW

### Double-Wall Portal Frame Kit
- (4) Holdown assemblies
- (4) Orange composite standoff bases
- (8) Moment connection straps
- (66) SDW22300 truss-ply screws
- (1) 6-lobe T-40 driver bit
- (1) Installation instructions

**Double-Wall Portal Installation**

**Double-Wall Portal Cut Lengths**
- Tall column (C1) = H1 + BD – 1 1/8”
- Short column (C2) = H1 – 1 1/8”
- Long beam (B1) = W1 + CW + CW
- Short beam (B2) = W1 + CW

### Legend:
- BD = Beam Depth
- CW = Column Width
- PW = Post Width
- H1 = Opening Height
- W1 = Opening Width

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*Note: Reference building plan for PFS model and framing material type.*

*Extra composite standoff bases included. Only use the base that corresponds to the column width and discard extra base(s).*
Holdown Installation

1. Install holdown assembly on anchor bolts as shown.
2. Tighten nuts on anchor bolts.

**Note:** Tighten nuts only after adhesive has cured.

**Note:** Refer to T-L-PFSA1N18 for anchorage installation instructions and details. Reference building plans for anchorage and embedment depth. Additional anchorage information can be found at strongtie.com/pfs.

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Column-to-Beam Moment Connection Details

1. Connect the beam sub-assembly to the column sub-assembly starting with the SDW screws (provided), as shown.
2. Install the PFS-MCS straps using 0.148"-diameter nails (2 1/2" minimum length). The straps must be installed horizontally on the tall column (C1) side and vertically on the short column (C2) side, as shown.

**Note:** Strong-Drive® SD10212 Connector screws (not provided) may be substituted for the nails.

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Additional anchorage information can be found at strongtie.com/pfs.