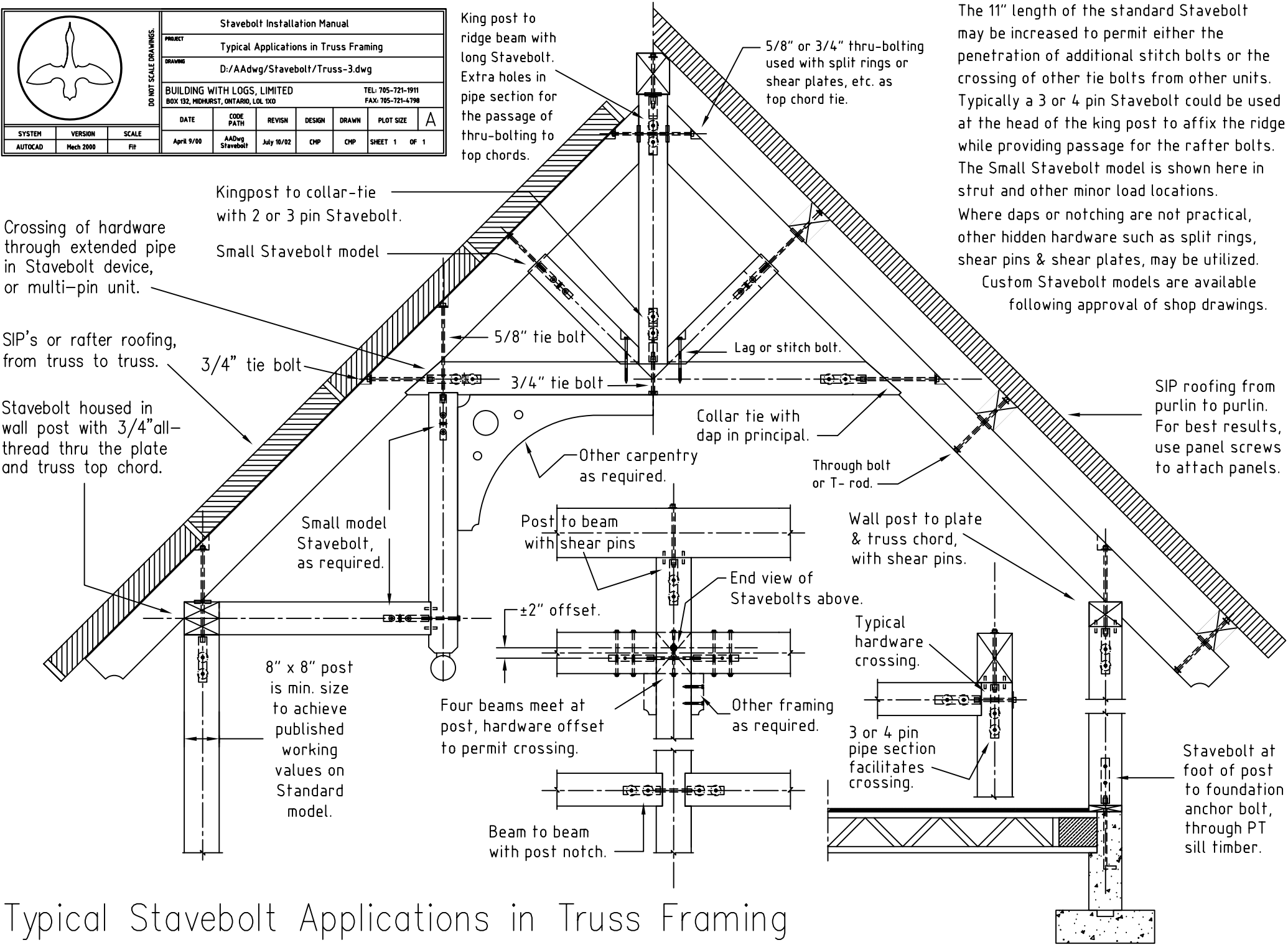


Stavebolt Installation Manual						
PROJECT Typical Applications in Truss Framing						
DRAWING D:/AADwg/Stavebolt/Truss-3.dwg						
BUILDING WITH LOGS, LIMITED BOX 132, MIDHURST, ONTARIO, L0L 1X0				TEL: 705-721-1911 FAX: 705-721-4798		
DATE	CODE PATH	REVISE	DESIGN	DRAWN	PLOT SIZE	A
April 9/00	AADwg Stavebolt	July 10/02	CHP	CHP	SHEET 1	OF 1
SYSTEM AUTOCAD	VERSION Mech 2000	SCALE Fit				



The 11" length of the standard Stavebolt may be increased to permit either the penetration of additional stitch bolts or the crossing of other tie bolts from other units. Typically a 3 or 4 pin Stavebolt could be used at the head of the king post to affix the ridge while providing passage for the rafter bolts. The Small Stavebolt model is shown here in strut and other minor load locations. Where daps or notching are not practical, other hidden hardware such as split rings, shear pins & shear plates, may be utilized. Custom Stavebolt models are available following approval of shop drawings.

Kingpost to collar-tie with 2 or 3 pin Stavebolt.

Crossing of hardware through extended pipe in Stavebolt device, or multi-pin unit.

SIP's or rafter roofing, from truss to truss.

Stavebolt housed in wall post with 3/4" all-thread thru the plate and truss top chord.

8" x 8" post is min. size to achieve published working values on Standard model.

King post to ridge beam with long Stavebolt. Extra holes in pipe section for the passage of thru-bolting to top chords.

5/8" or 3/4" thru-bolting used with split rings or shear plates, etc. as top chord tie.

Small Stavebolt model

5/8" tie bolt

Lag or stitch bolt.

3/4" tie bolt

3/4" tie bolt

Collar tie with dap in principal.

SIP roofing from purlin to purlin. For best results, use panel screws to attach panels.

Other carpentry as required.

Through bolt or T-rod.

Small model Stavebolt, as required.

Post to beam with shear pins

End view of Stavebolts above.

Wall post to plate & truss chord, with shear pins.

±2" offset.

Typical hardware crossing.

Four beams meet at post, hardware offset to permit crossing.

Other framing as required.

3 or 4 pin pipe section facilitates crossing.

Beam to beam with post notch.

Stavebolt at foot of post to foundation anchor bolt, through PT sill timber.

Typical Stavebolt Applications in Truss Framing