

# Download Sap2000 Reference Guide

disclaimer considerable time, effort and expense have gone into the development and documentation of sap2000. the program has been thoroughly tested and used. The following Enhancements have been implemented for SAP2000 v17.0.0: The responsiveness of the user interface has been improved. The DirectX graphics functionality has been enhanced. PTISlab 2.0 (1996 2nd Edition) - Engineering 1 PTISlab 3.0 (2004 3rd Edition) - Engineering 1 PTISlab 3.1 (2007 3rd Edition w/Amendment #1) - Engineering 1 Chapter 5, Structural Steel Design 5-3 5.1 INDUSTRIAL HIGH-CLEARANCE BUILDING, ASTORIA, OREGON This example features a transverse steel moment frame and a longitudinal steel braced frame.