

Figure 3.7.2-77: Reactor Building Cracked Model - Modal Shape - (Mode 5)

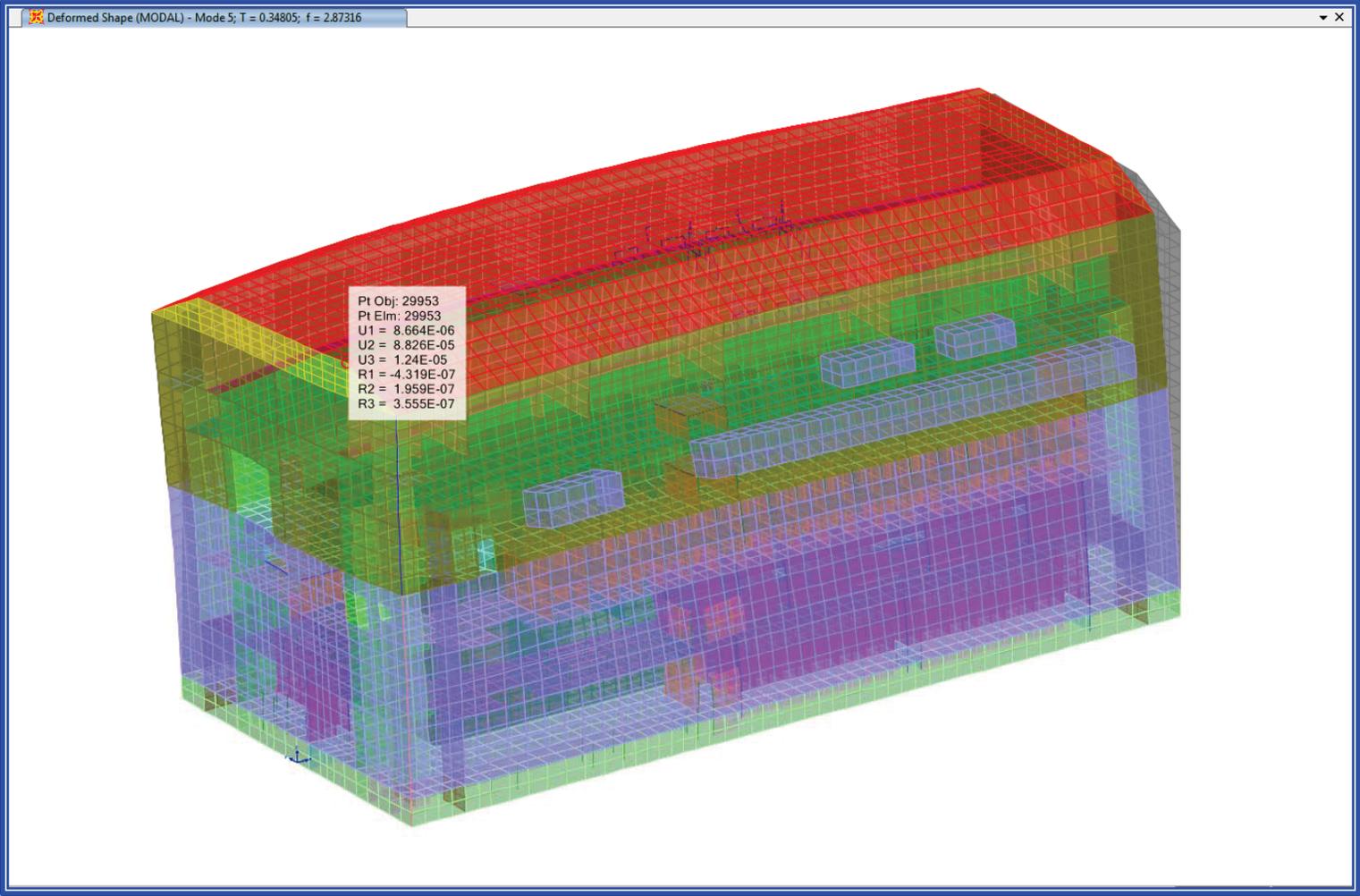


Figure 3.7.2-78: Reactor Building Cracked Model - Modal Shape - (Mode 6)

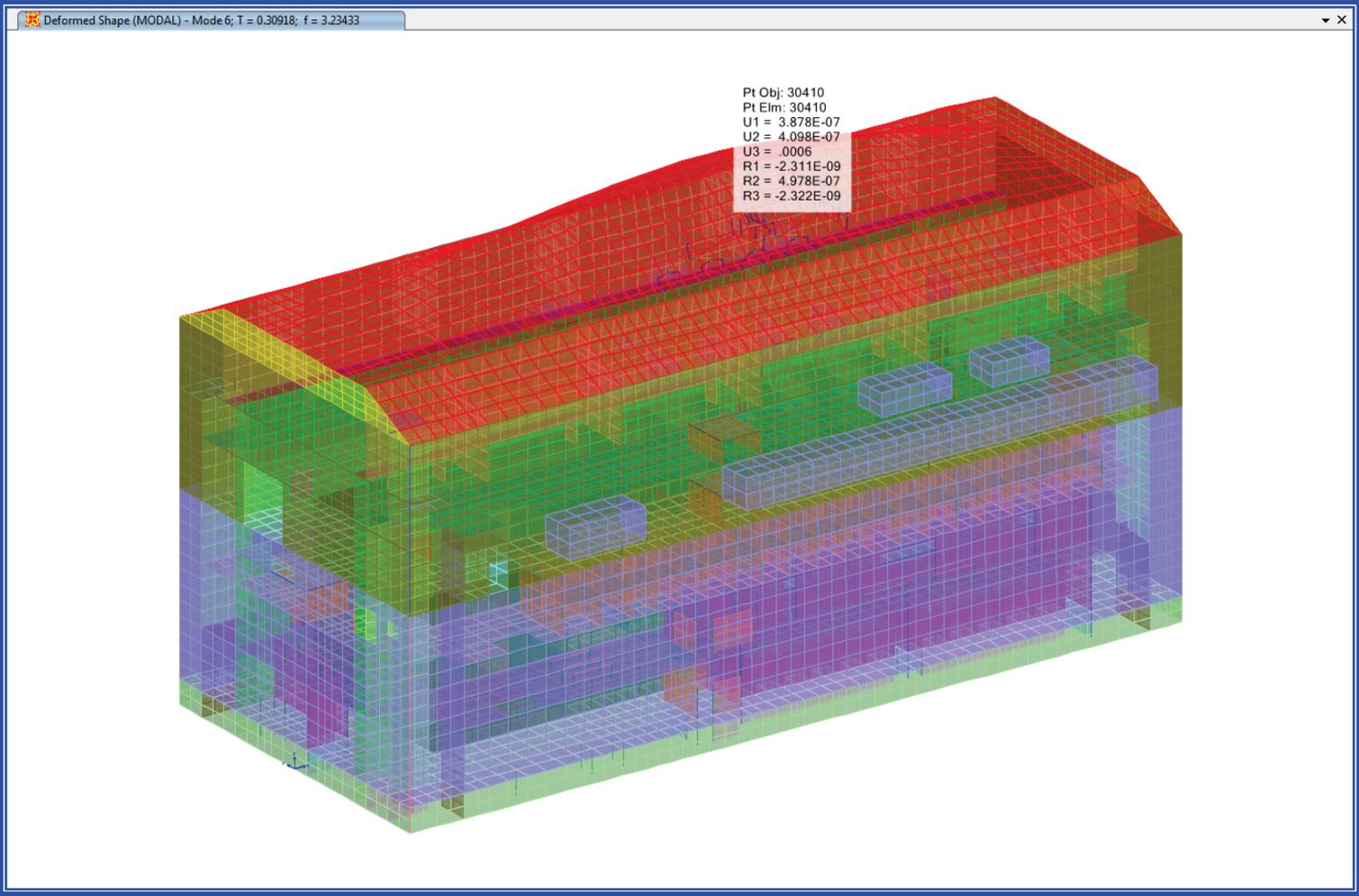


Figure 3.7.2-79: Reactor Building Cracked Model - Modal Shape - (Mode 14)

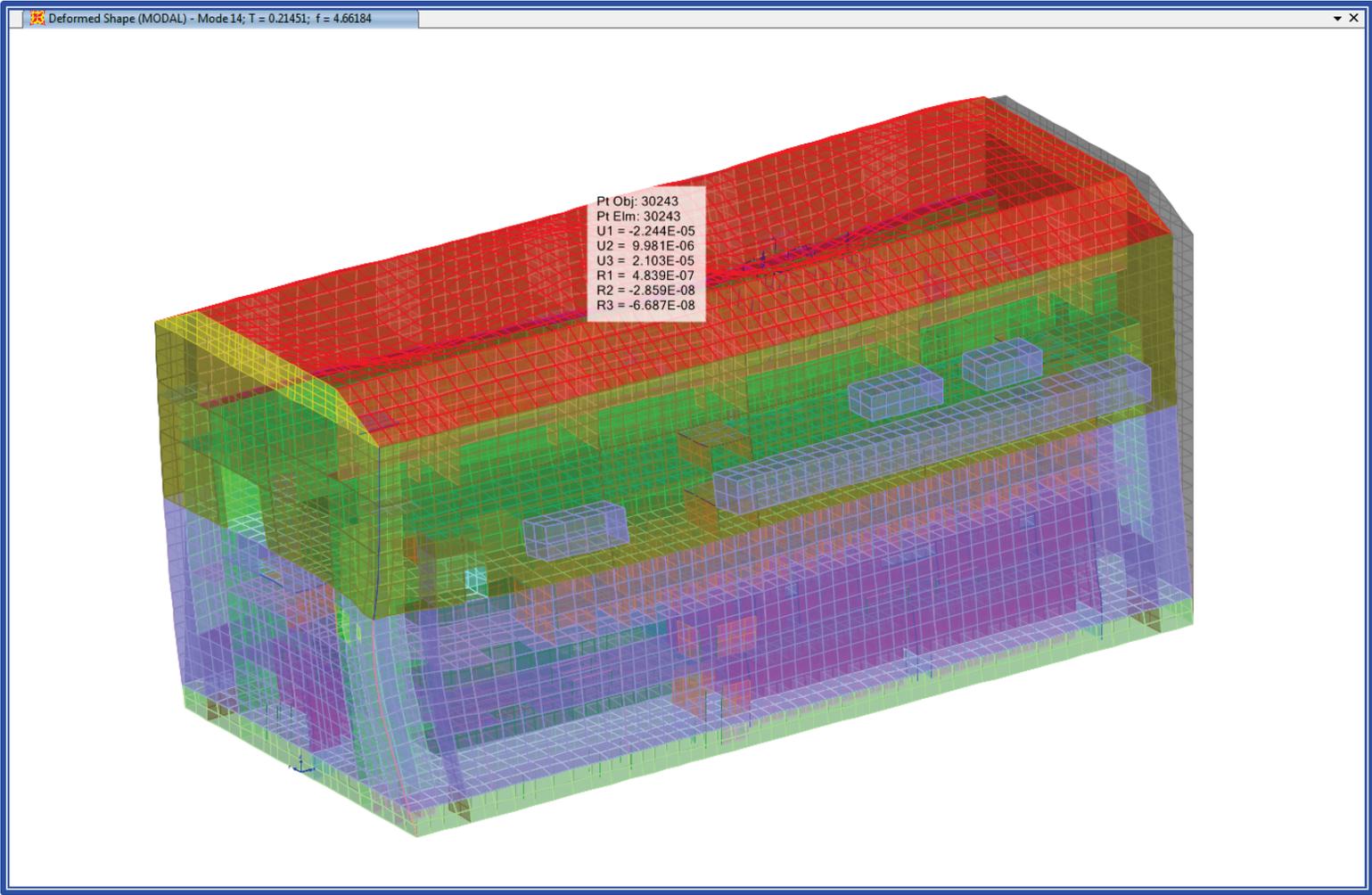


Figure 3.7.2-80: Reactor Building Uncracked Model - Modal Shape - (Mode 5)

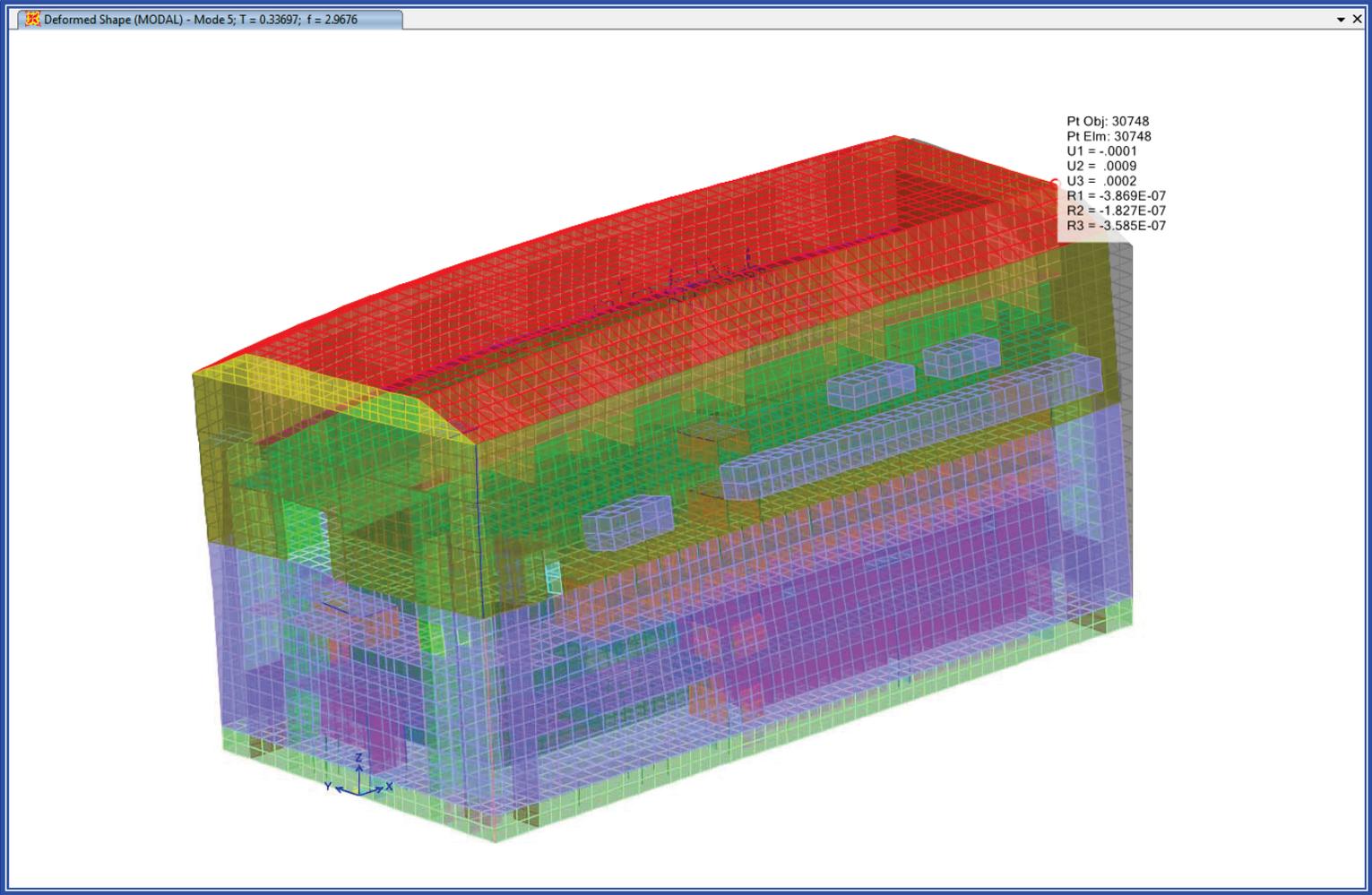


Figure 3.7.2-81: Reactor Building Uncracked Model - Modal Shape - (Mode 8)

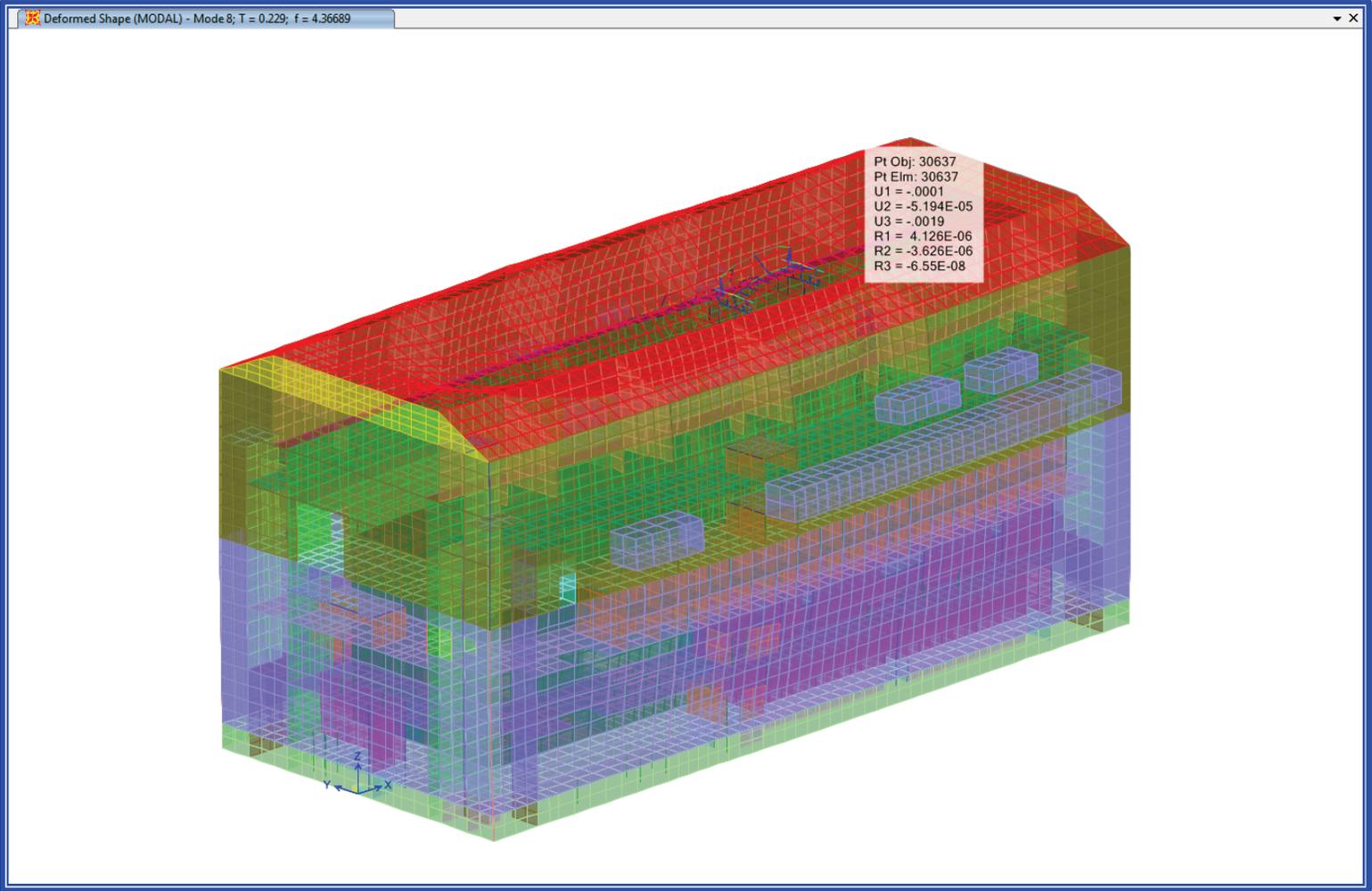


Figure 3.7.2-82: Reactor Building Uncracked Model - Modal Shape - (Mode 15)

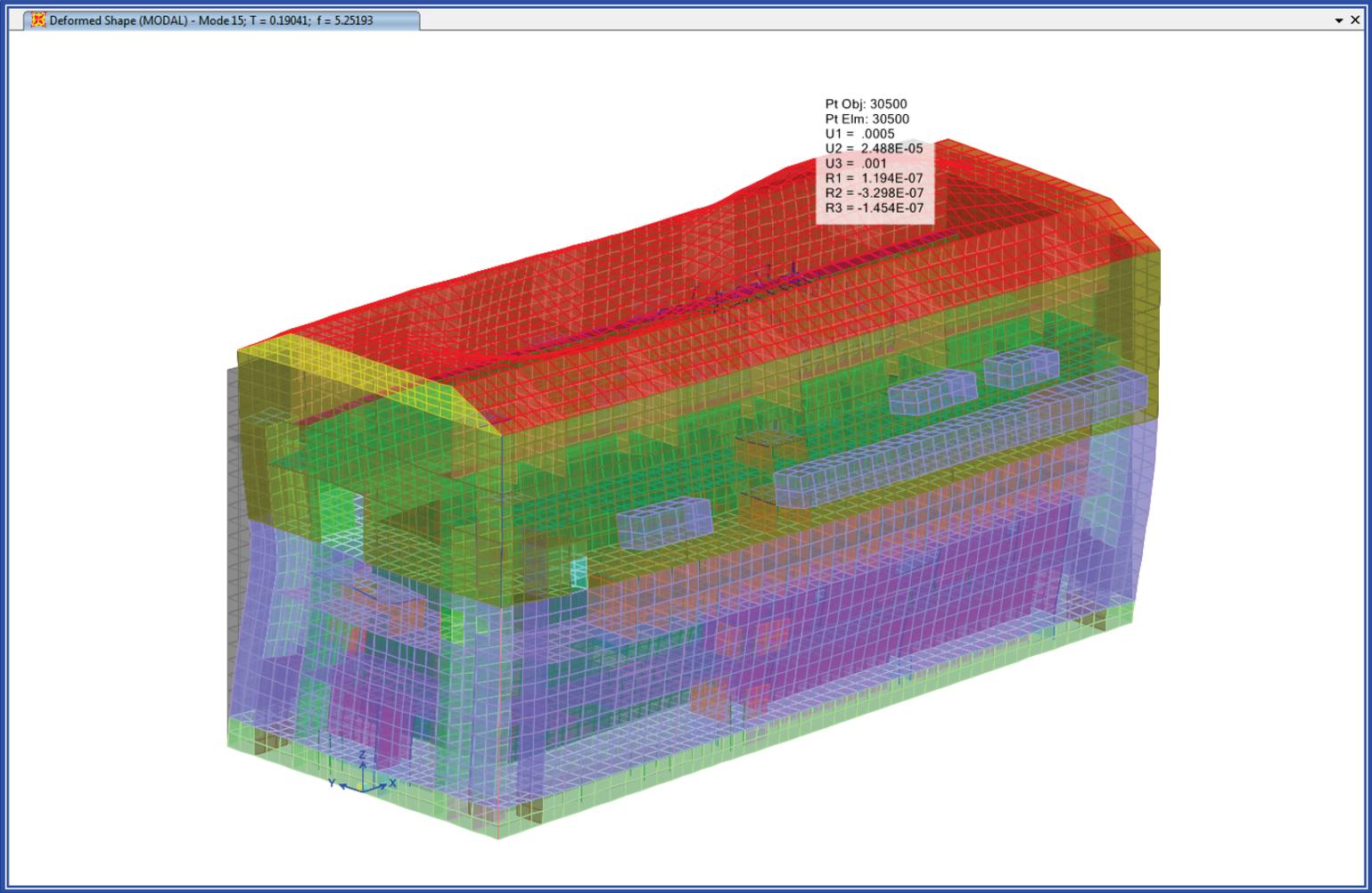


Figure 3.7.2-83: Control Building Cracked Model - Modal Shape - (Mode 40)

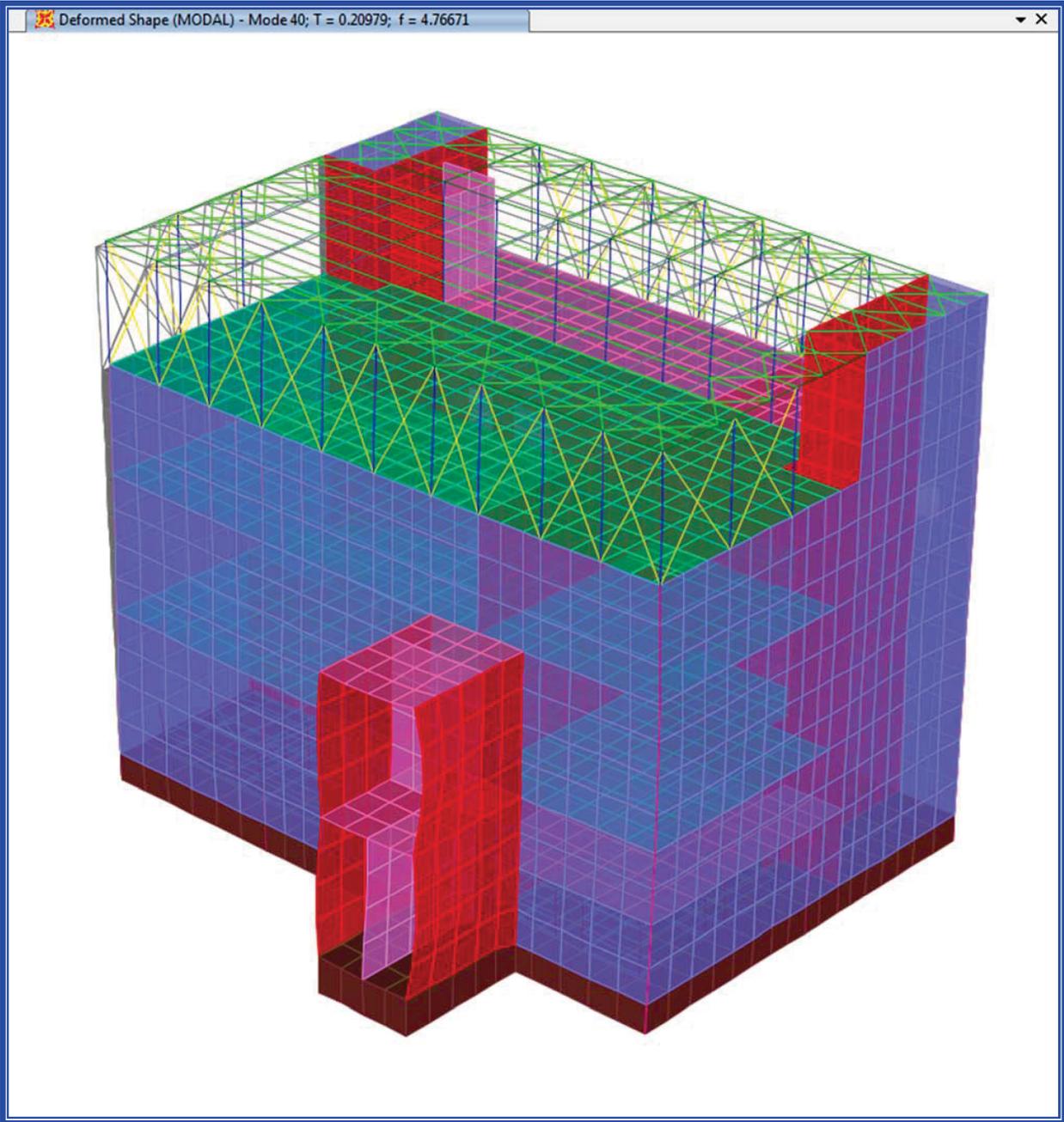


Figure 3.7.2-84: Control Building Cracked Model - Modal Shape - (Mode 49)

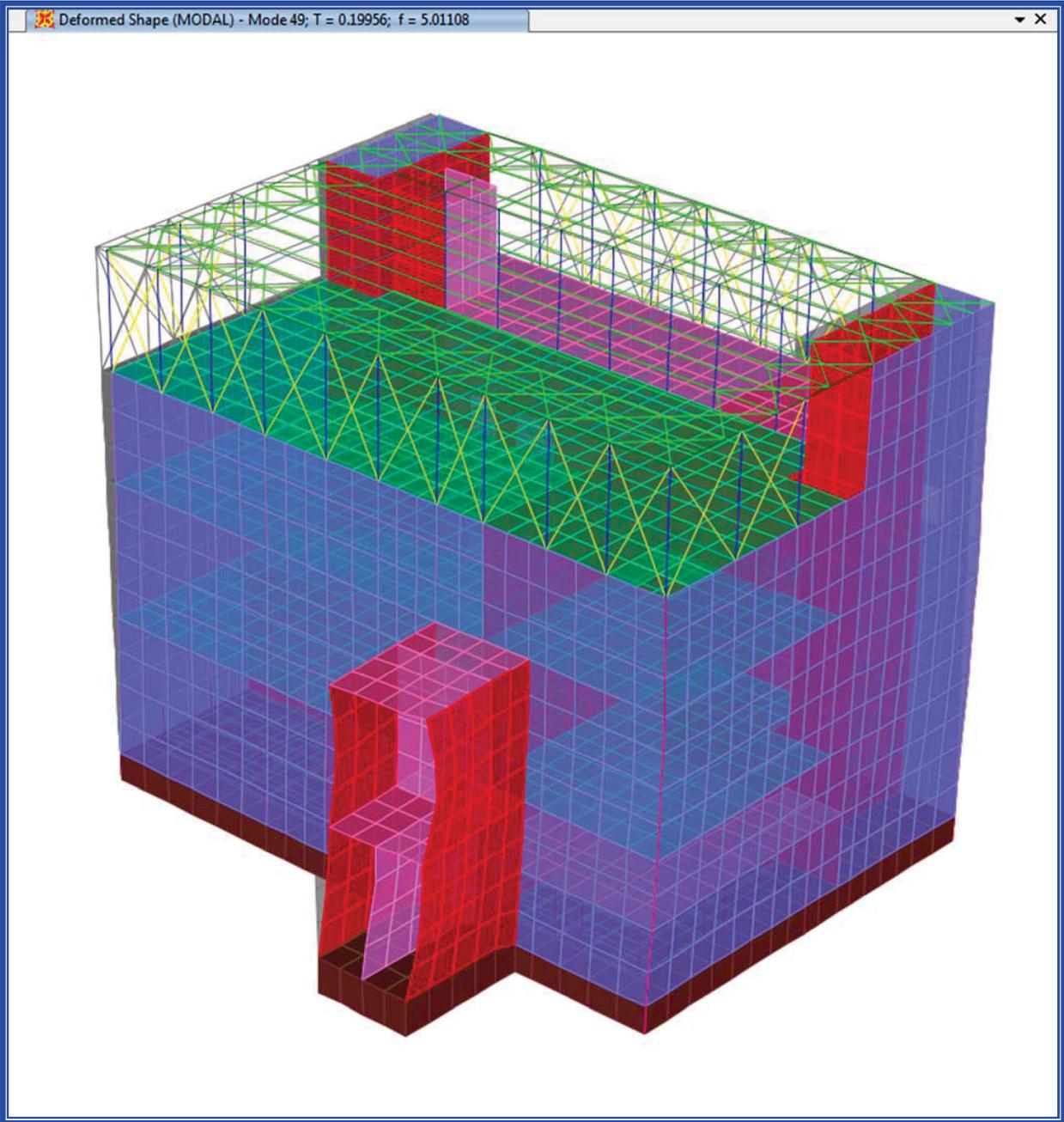


Figure 3.7.2-85: Control Building Cracked Model - Modal Shape - (Mode 81)

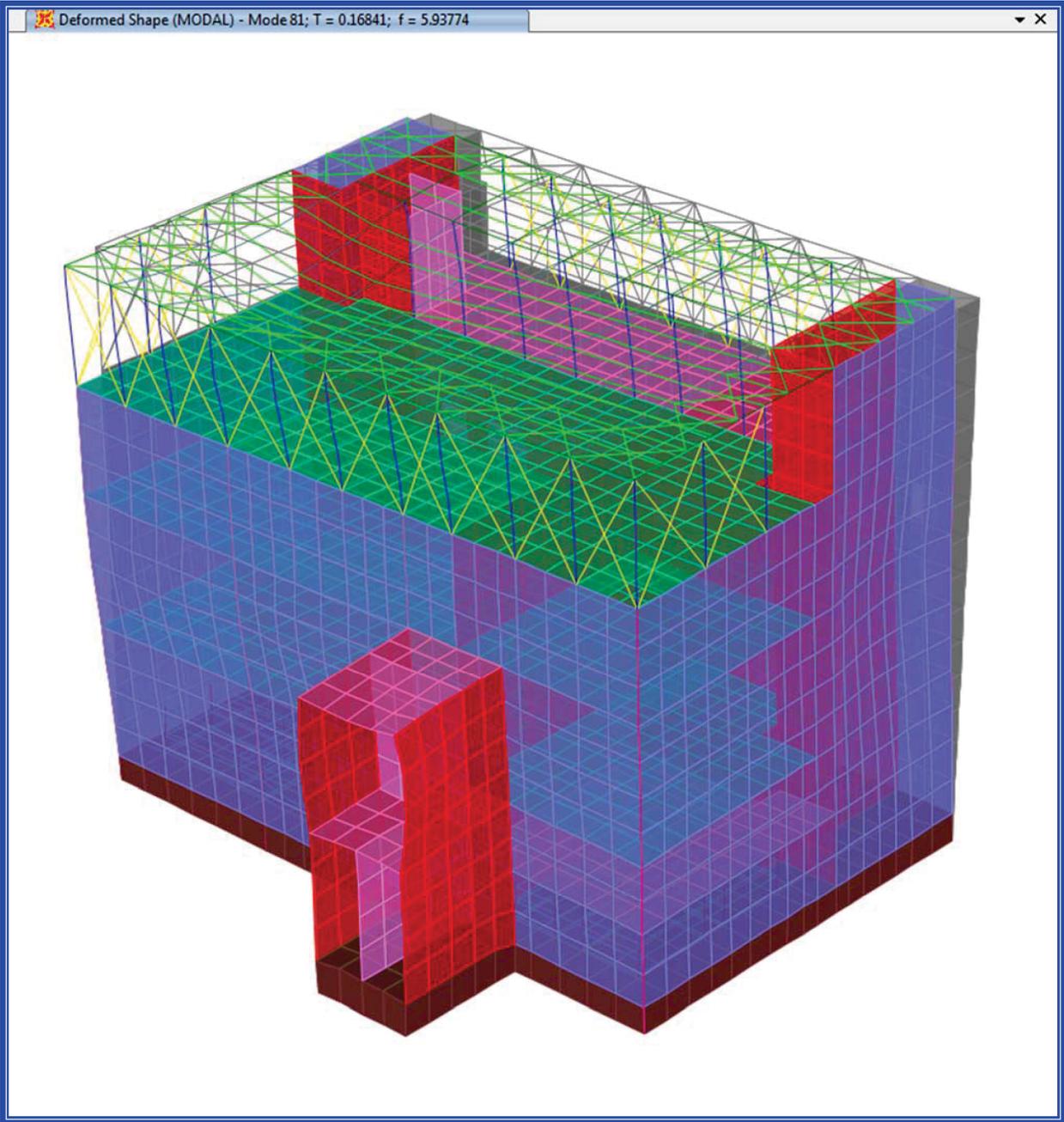


Figure 3.7.2-86: Control Building Uncracked Model - Modal Shape - (Mode 41)

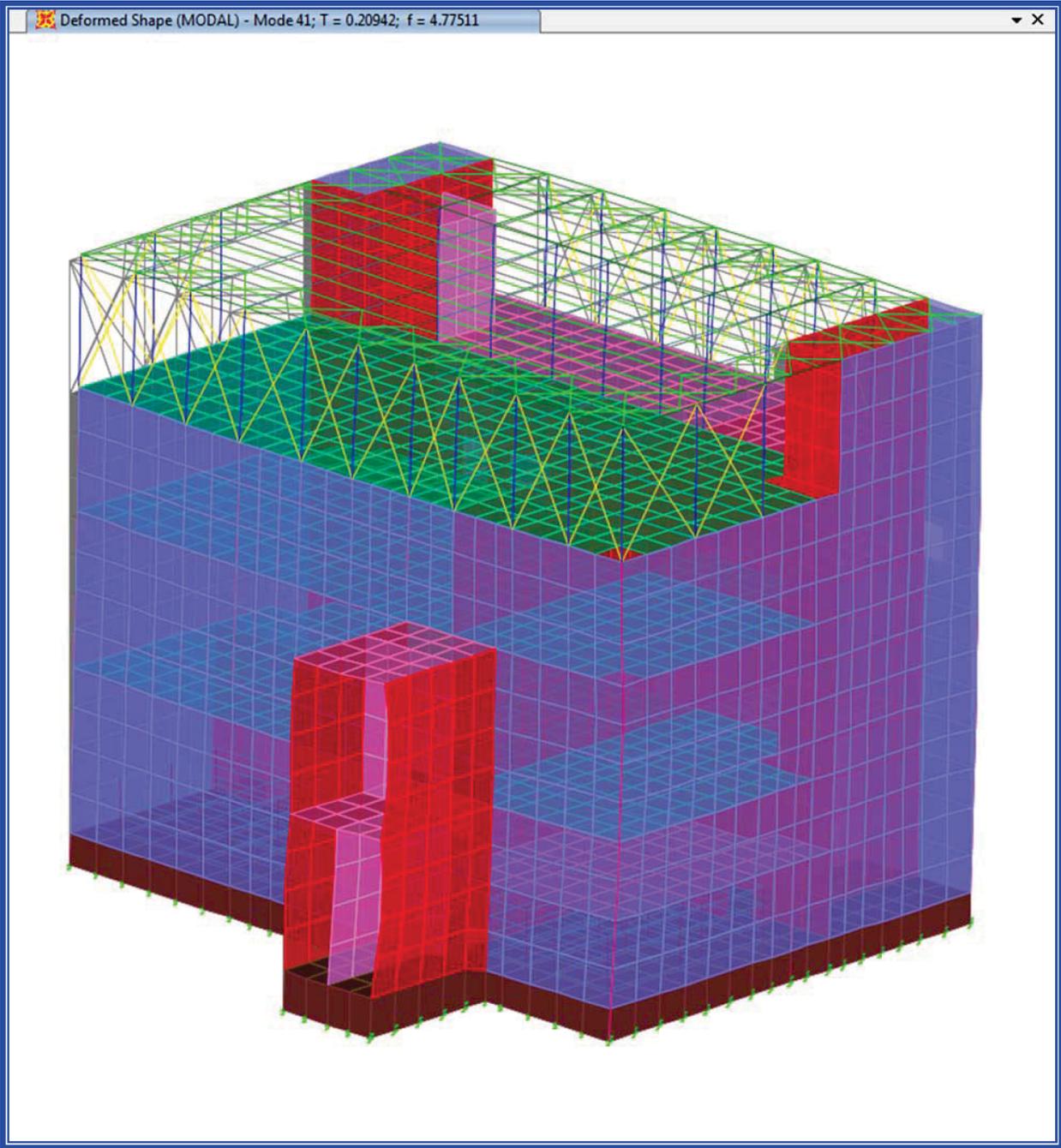


Figure 3.7.2-87: Control Building Uncracked Model - Modal Shape - (Mode 49)

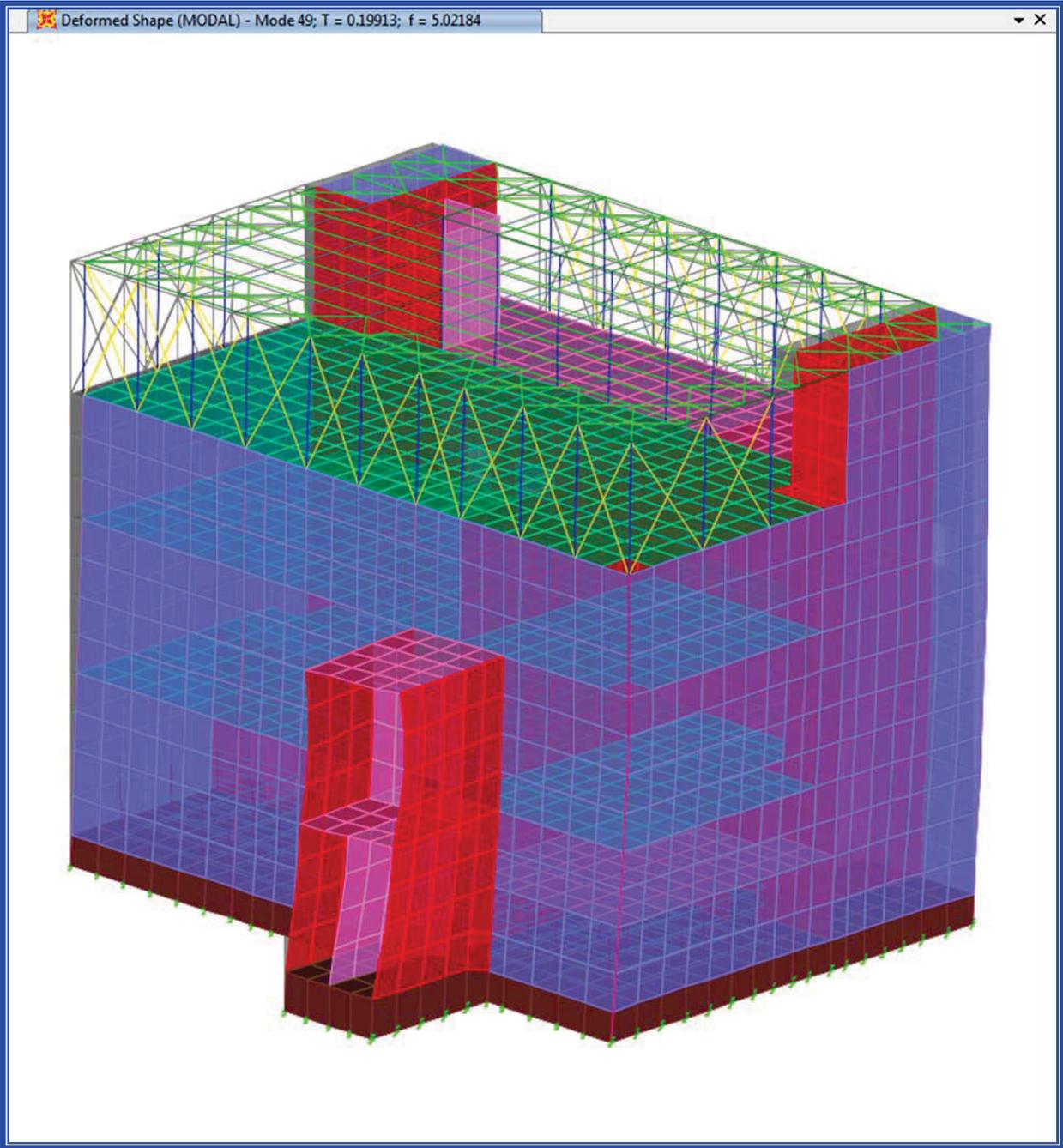


Figure 3.7.2-88: Control Building Uncracked Model - Modal Shape - (Mode 81)

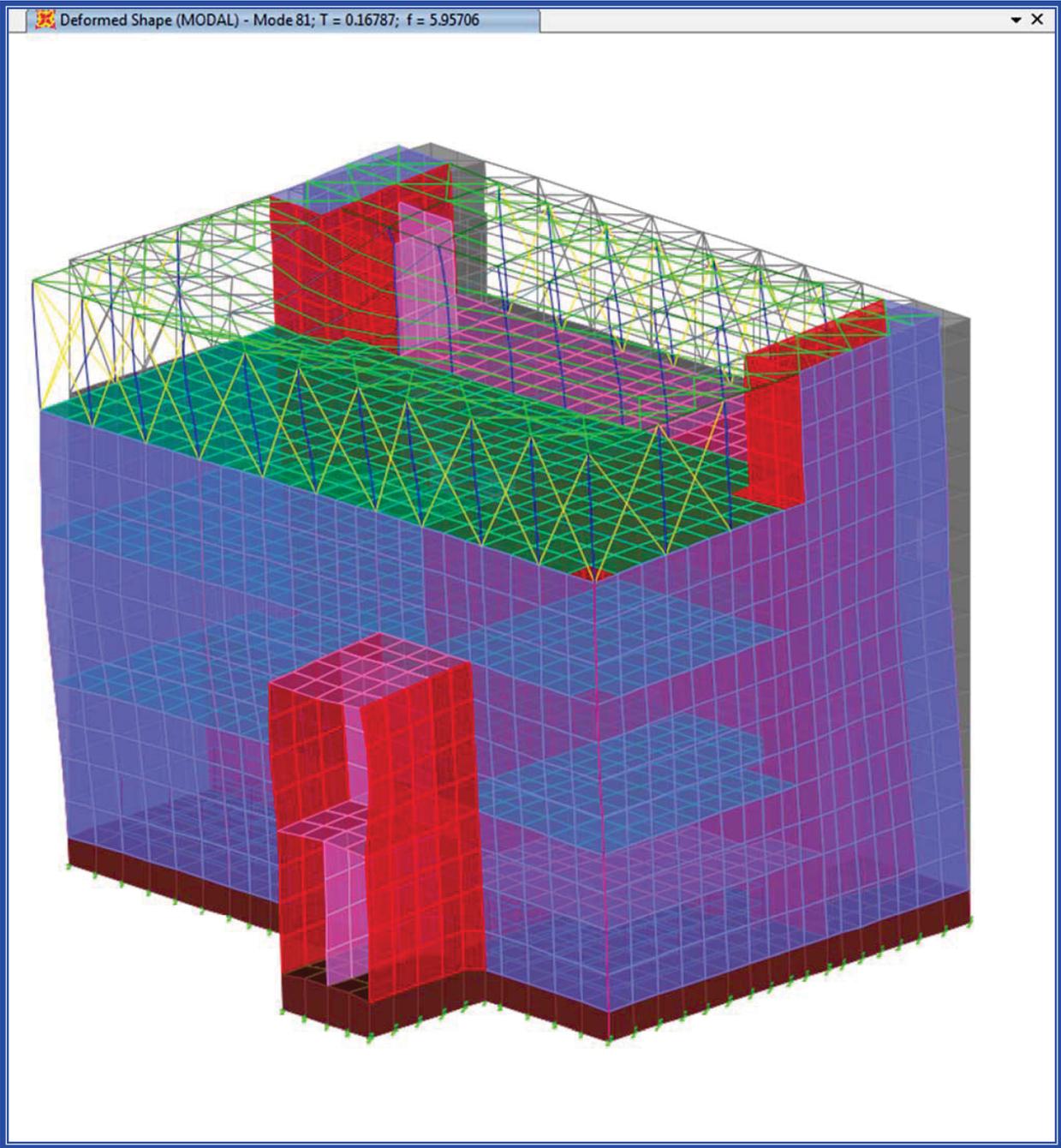


Figure 3.7.2-89: Flow of Files among SASSI2010 Modules

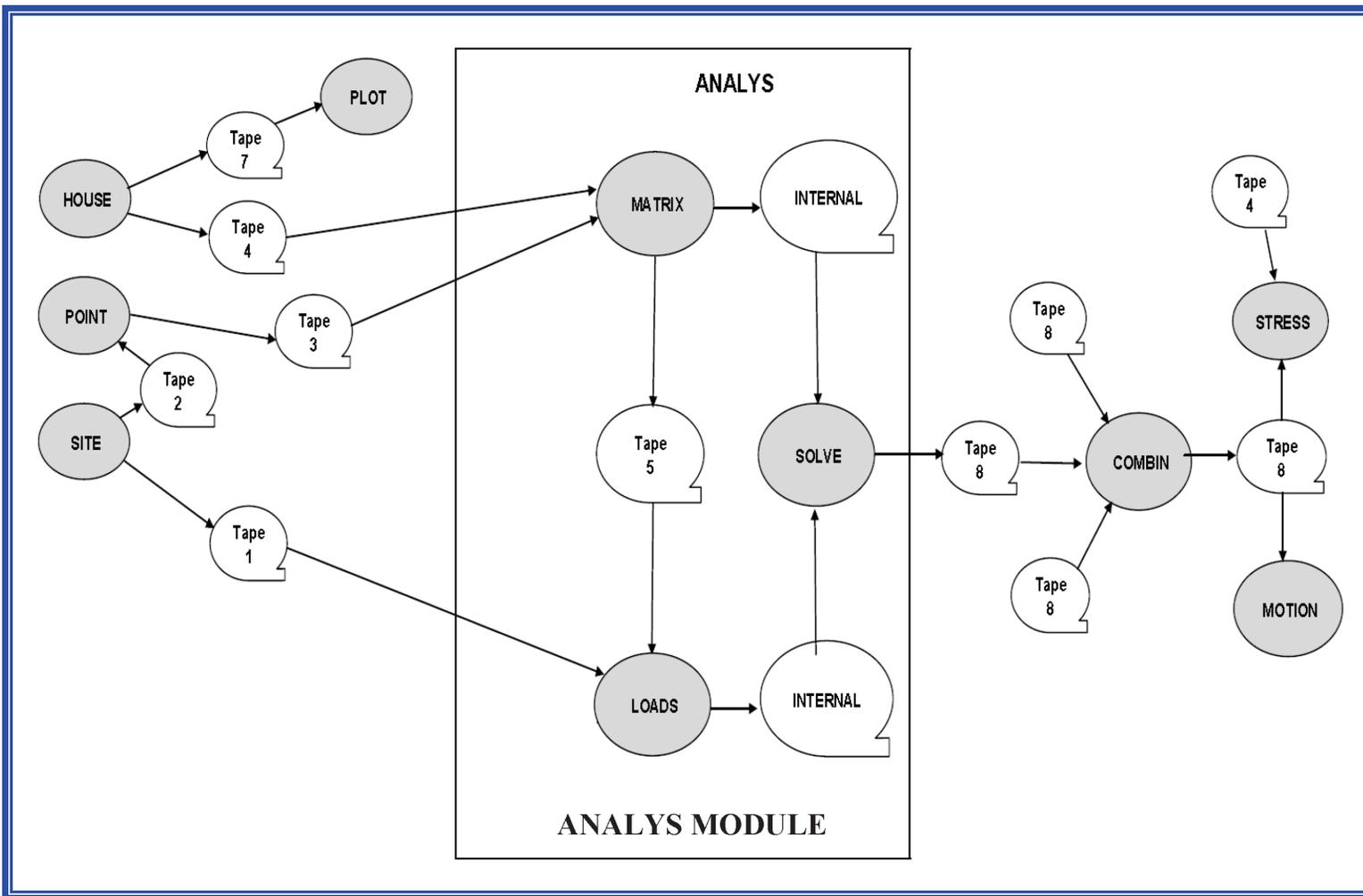


Figure 3.7.2-90: Four I, J, K, and L Nodes and 1 through 5 Output Locations of Thick Shell Element

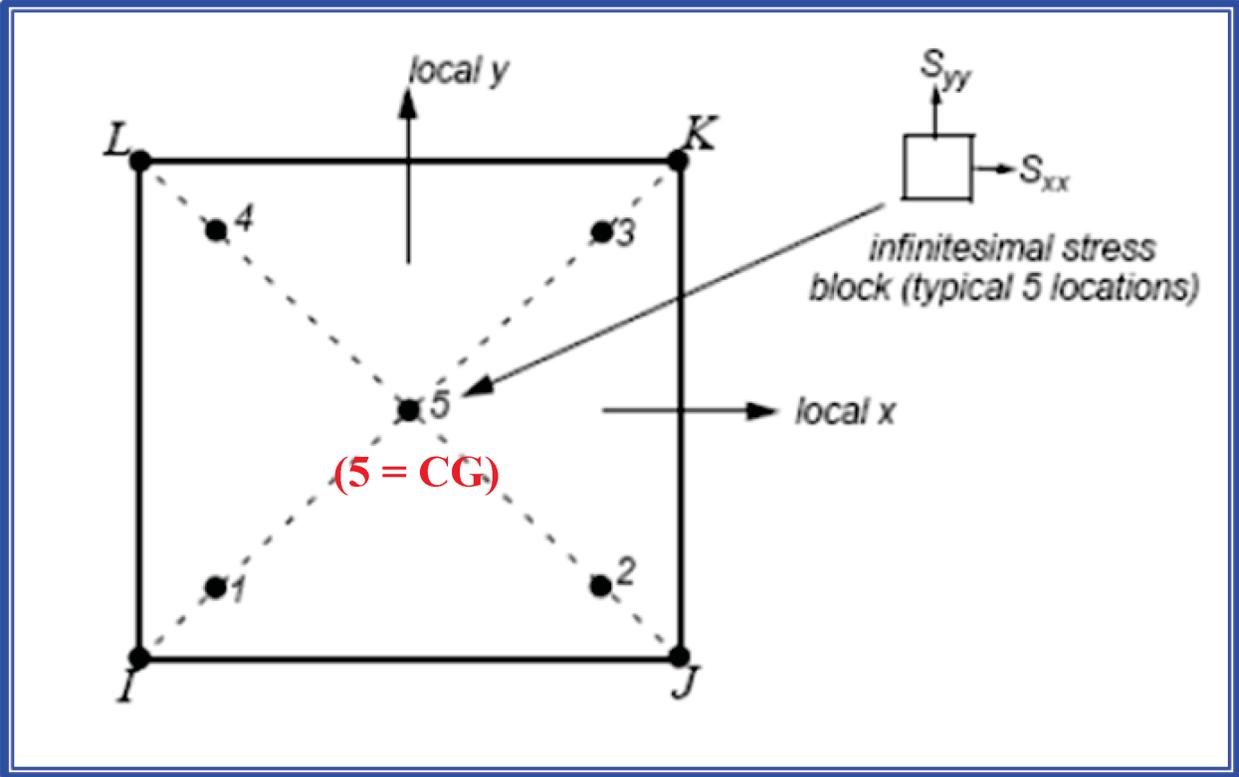


Figure 3.7.2-91: SASSI2010 Shear and Moment Resultants

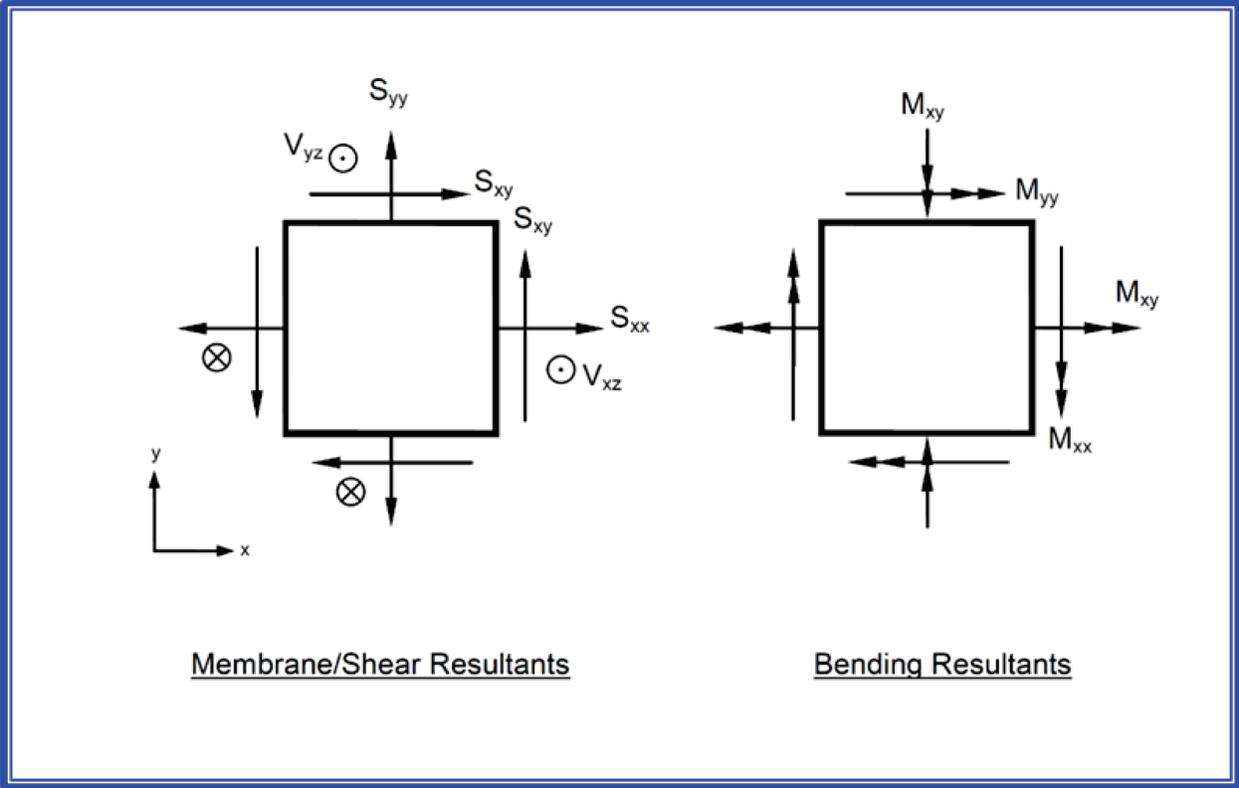


Figure 3.7.2-92: SASSI2010 Beam Element Local Axes for Forces and Moments

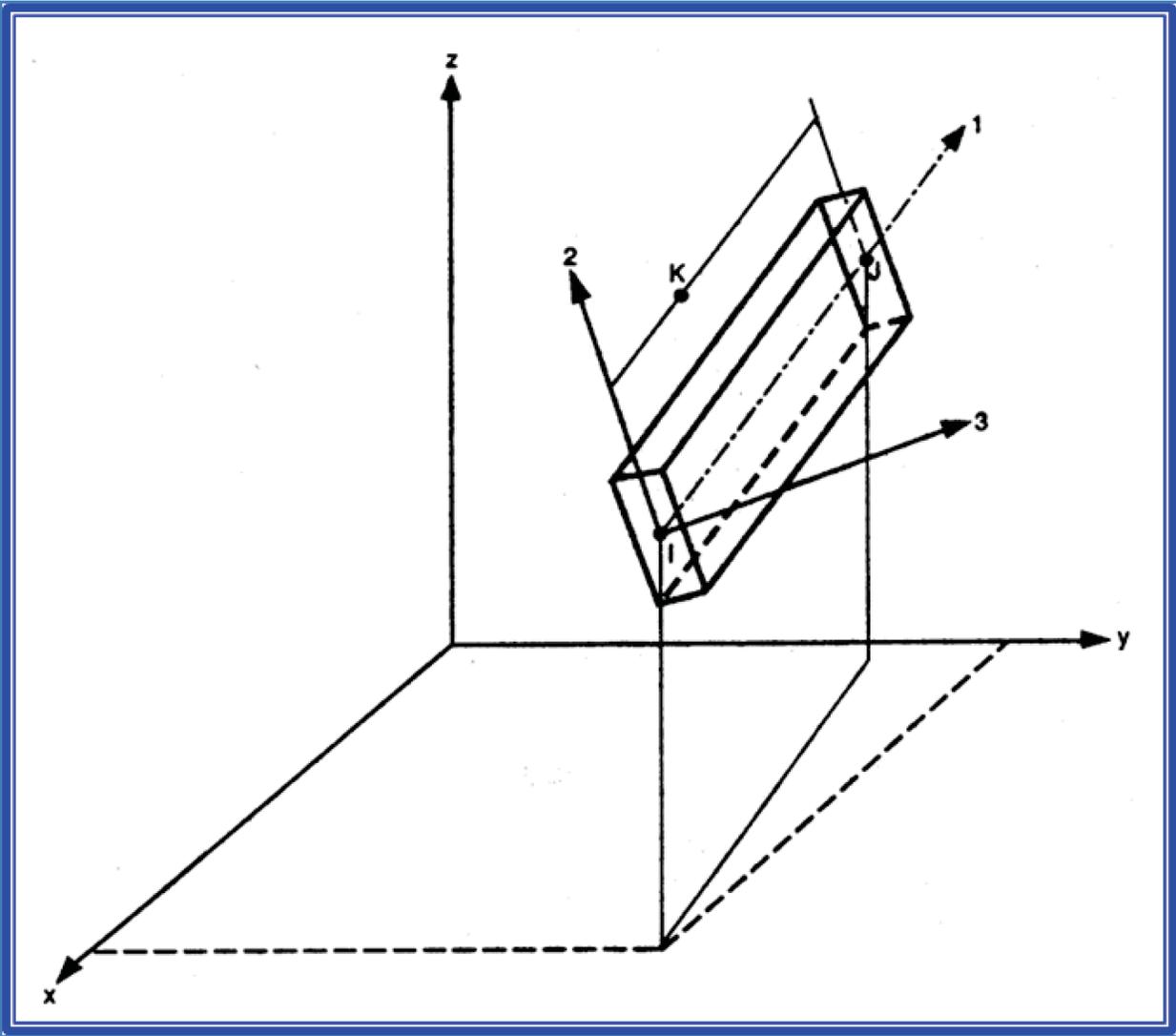


Figure 3.7.2-93: SASSI2010 Global Stresses at Centroid of a Solid Element

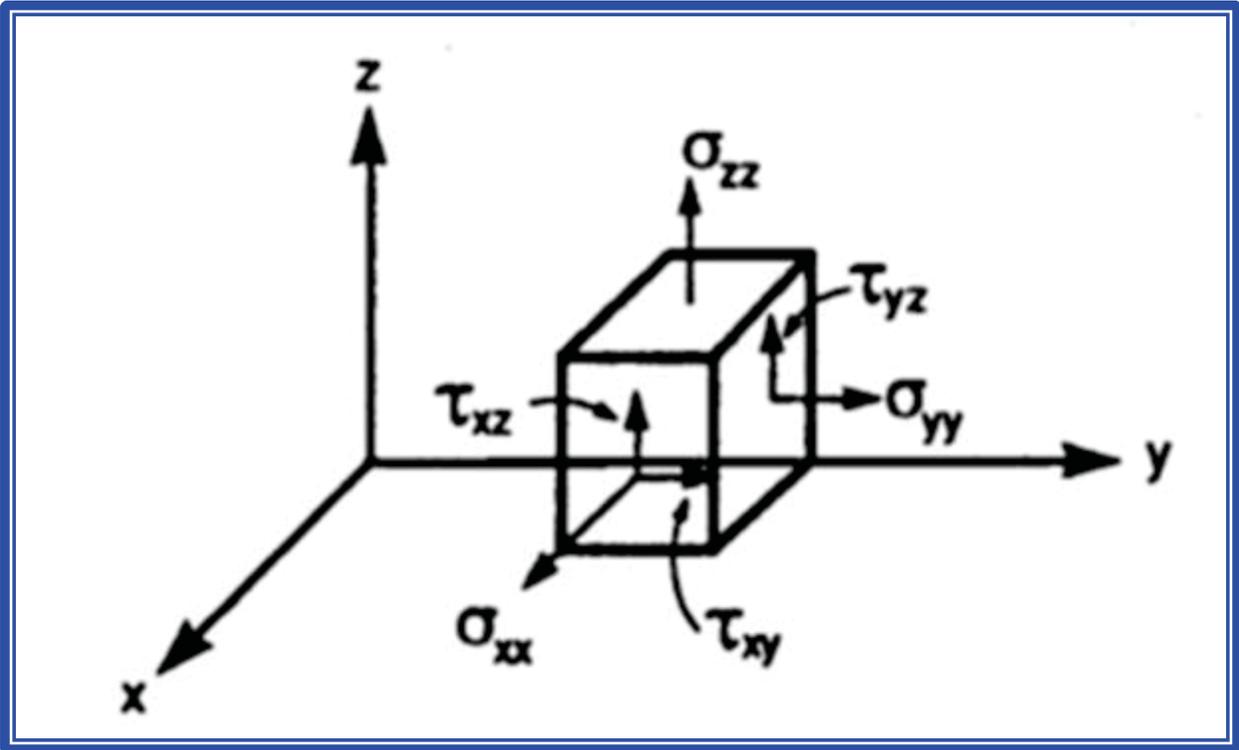


Figure 3.7.2-94: Reactor Building Locations Selected for Relative Displacement

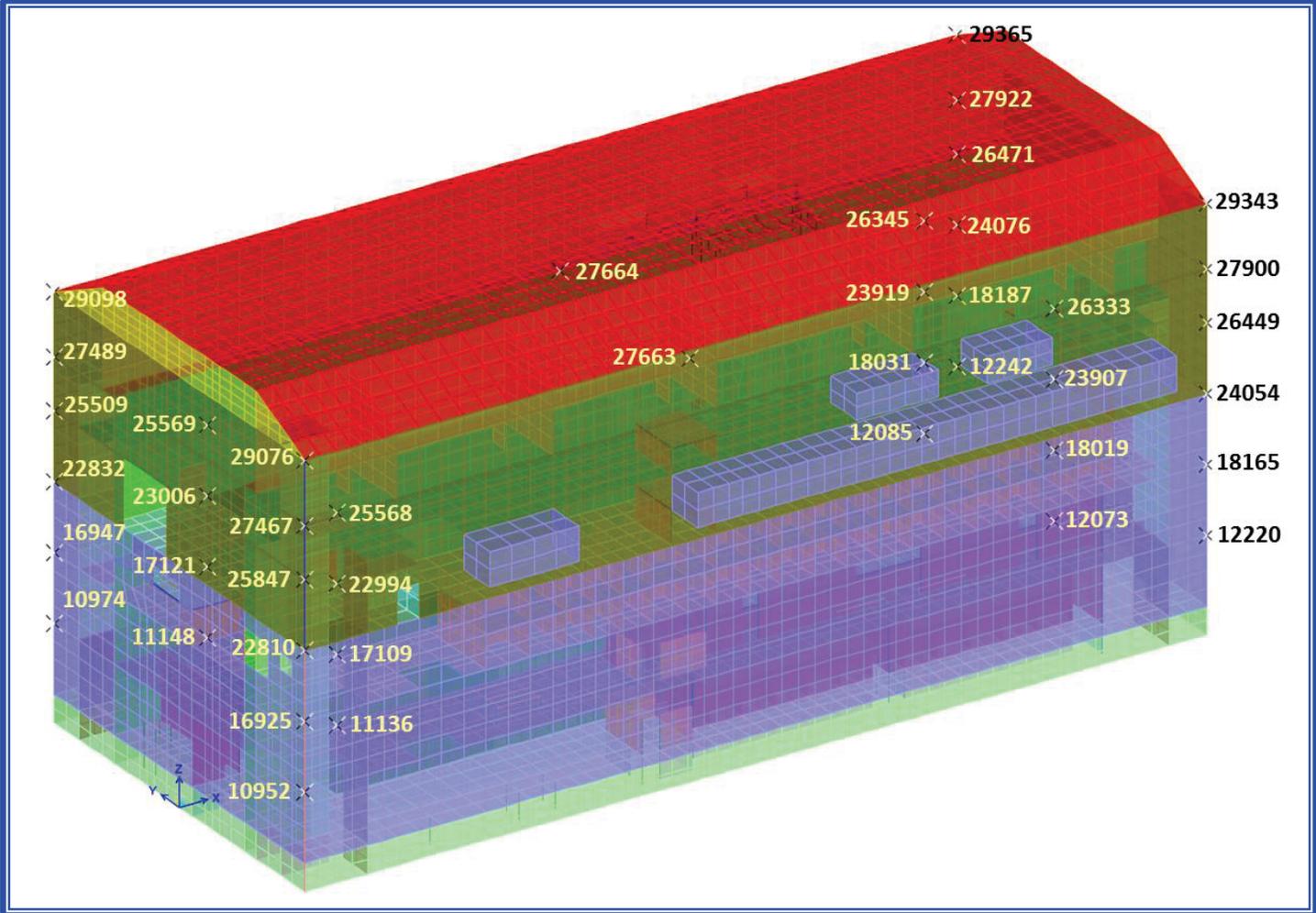


Figure 3.7.2-95: Control Building Locations Selected for Relative Displacement

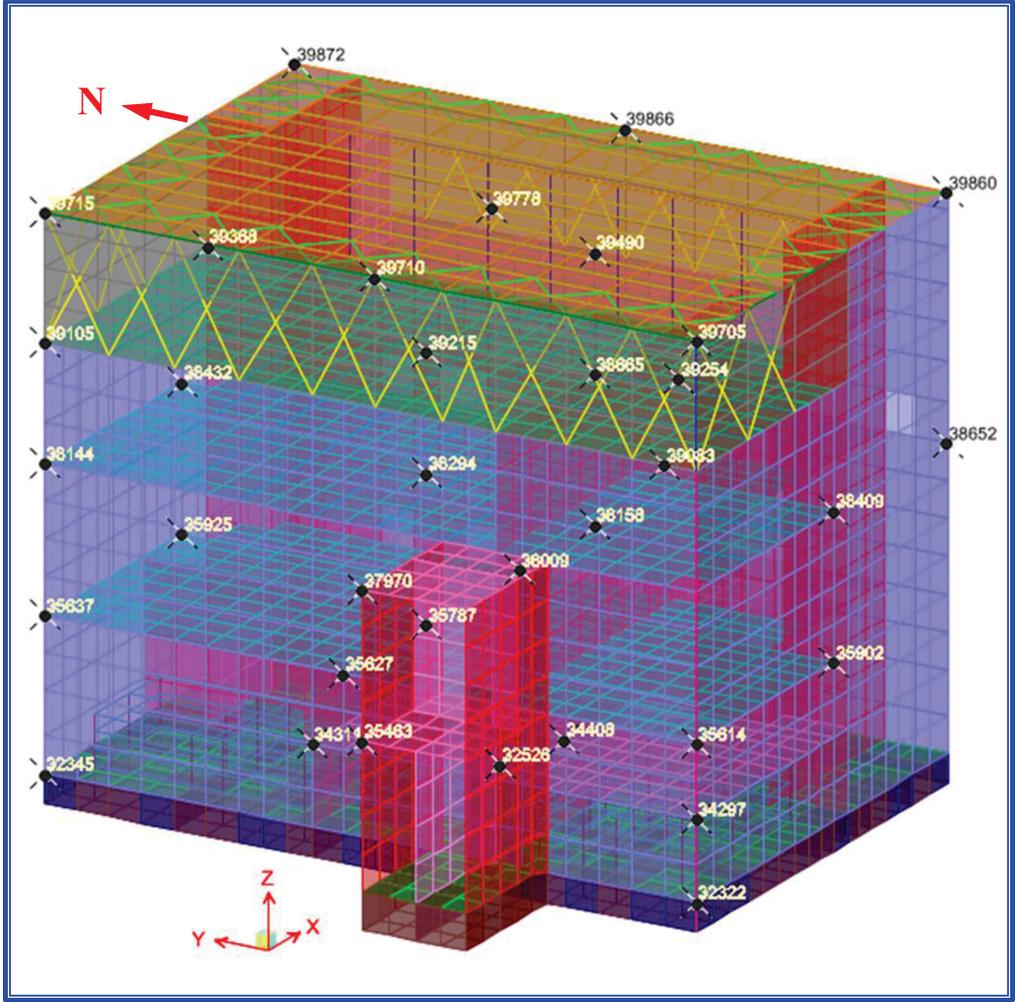


Figure 3.7.2-96: Nodes Used for ISRS for NPM Bay Walls at the Pool Floor (EL. 25' 0")

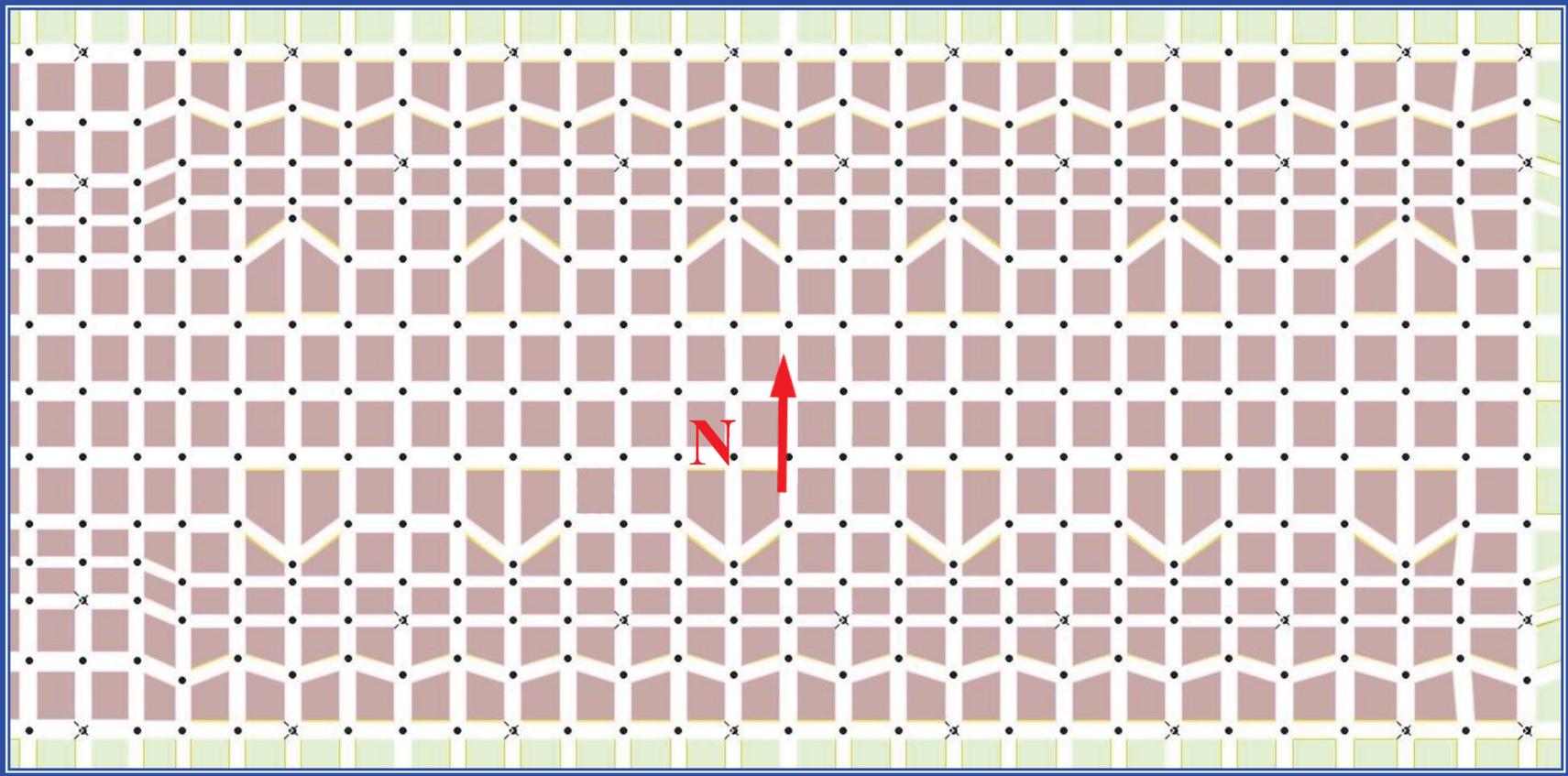


Figure 3.7.2-97: NPM Lug Restraint Node Locations (EL. 71' 7")

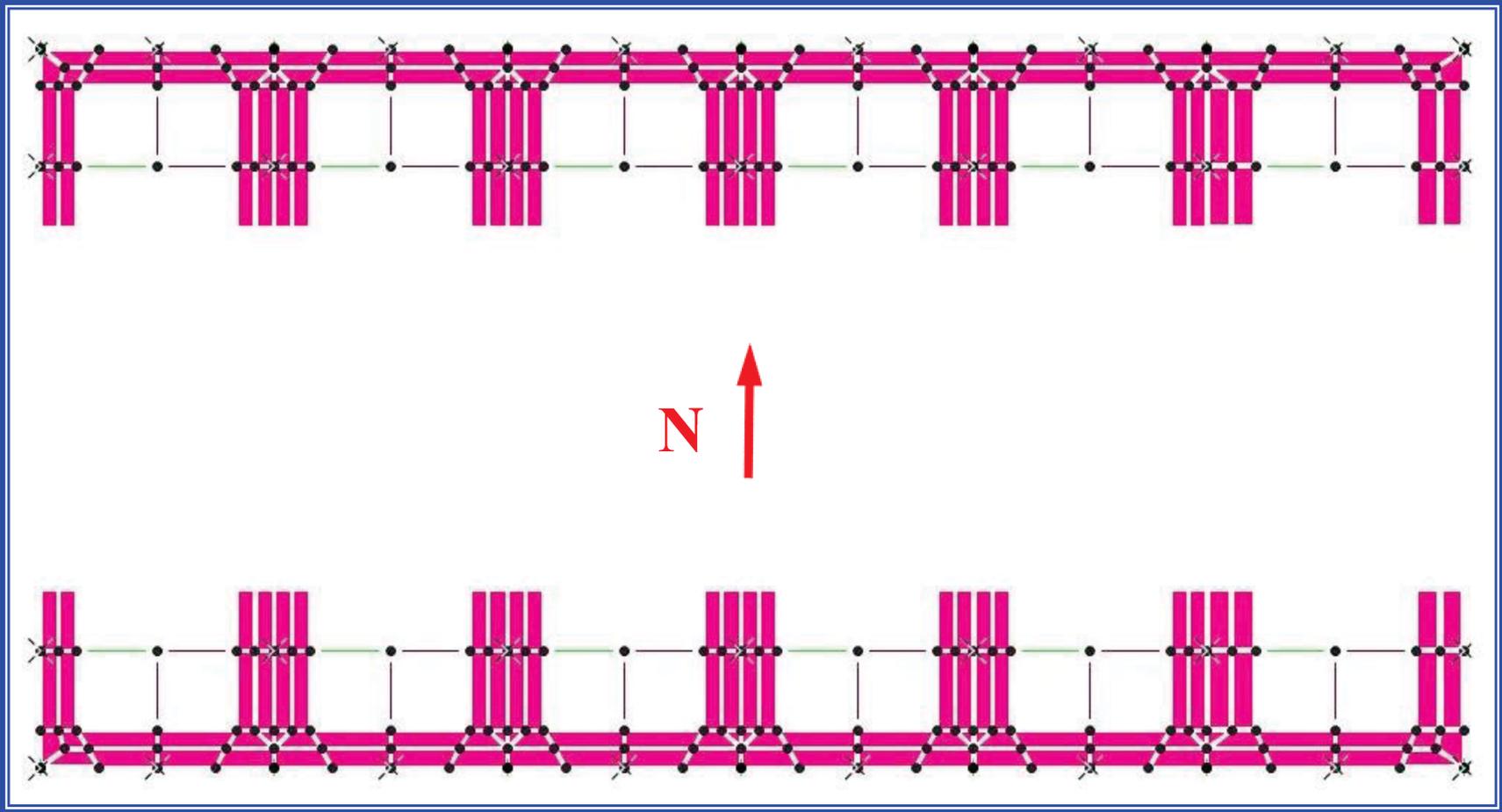


Figure 3.7.2-98: Location of NPMs for 7 Module Case Study

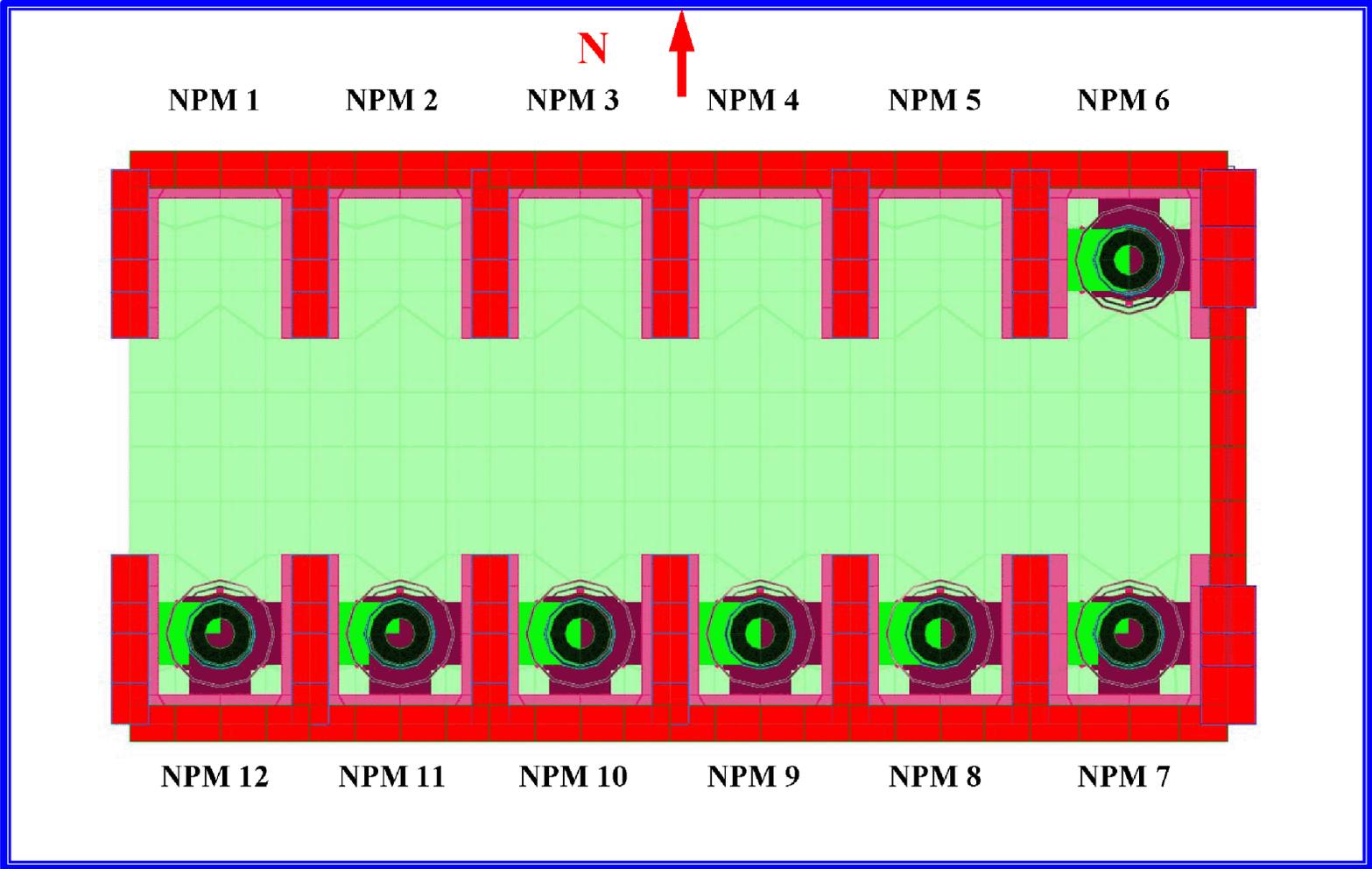


Figure 3.7.2-99: Example ISRS from CSDRS compatible Time Histories for Soil Type 7

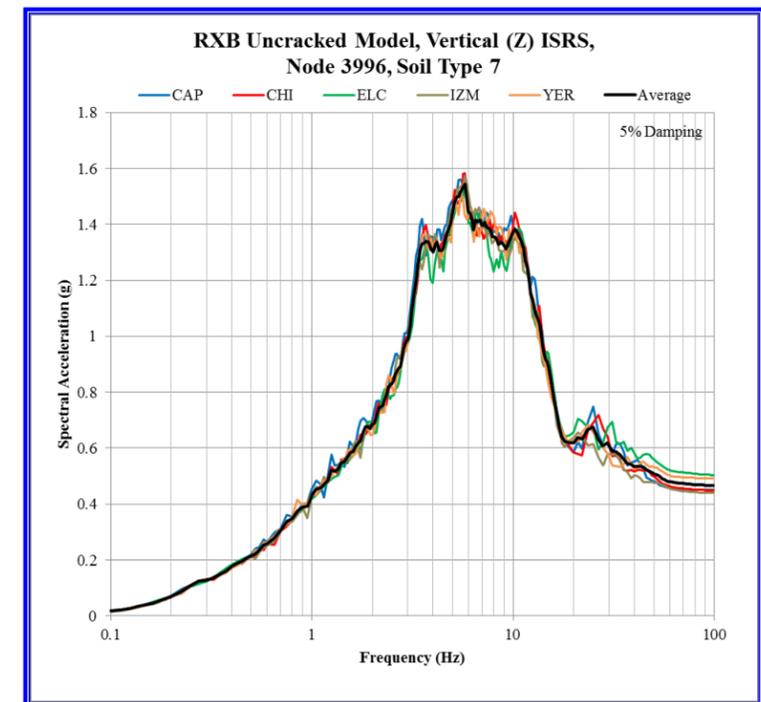
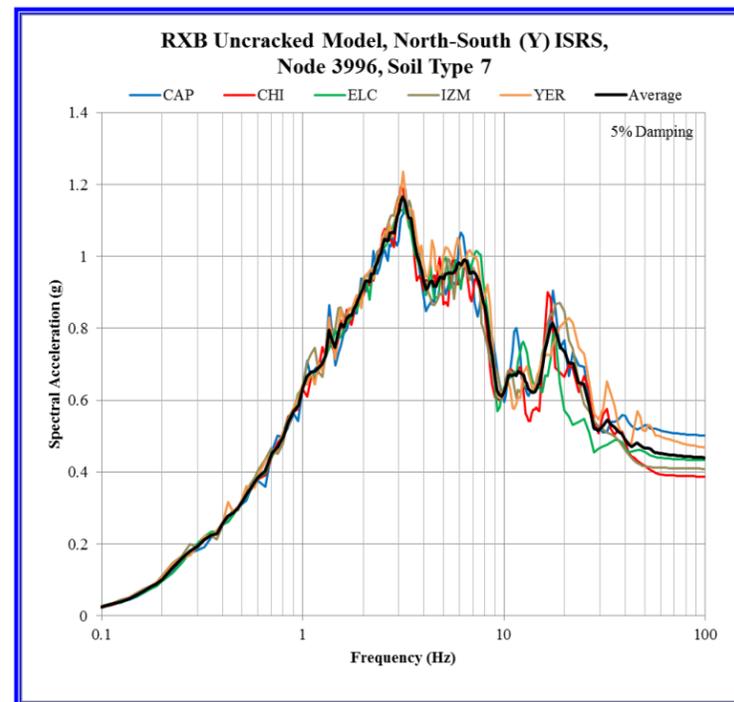
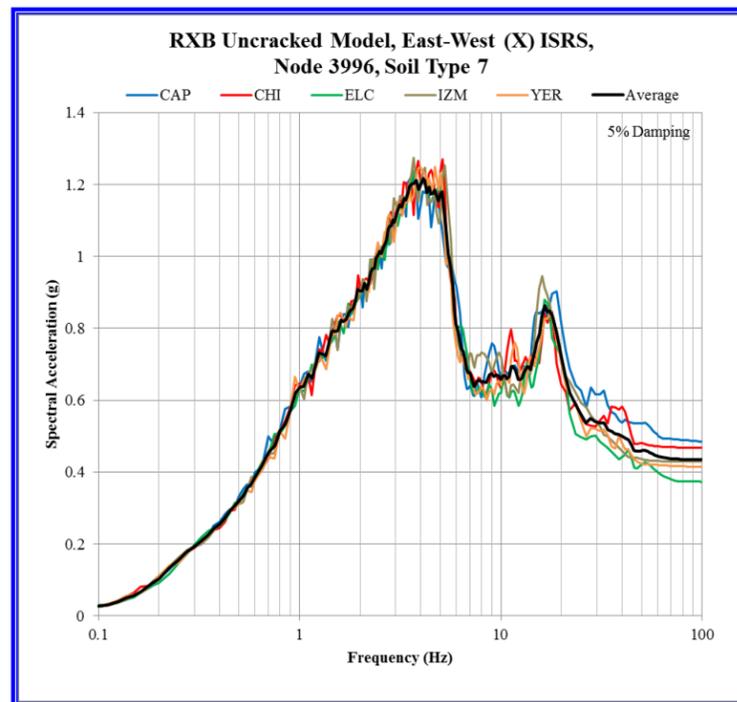
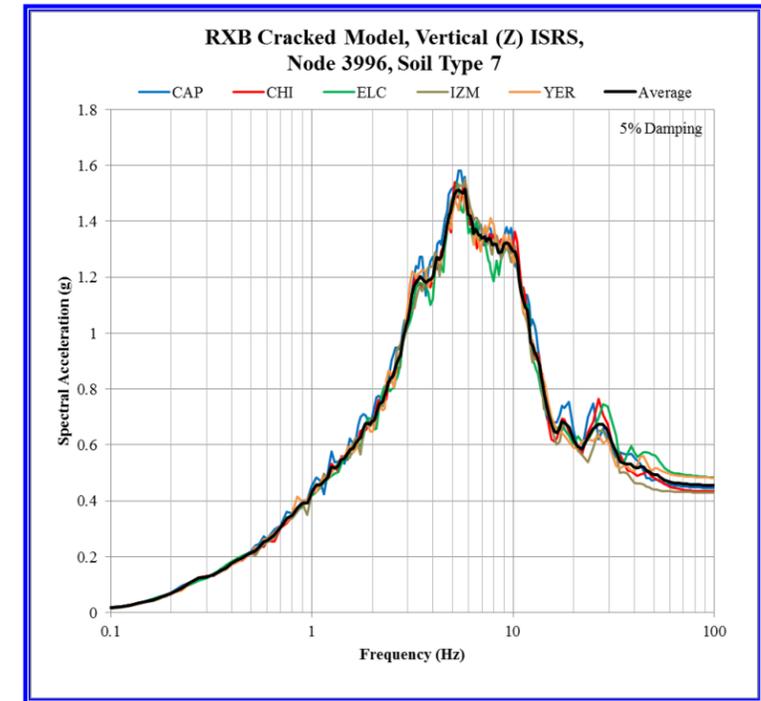
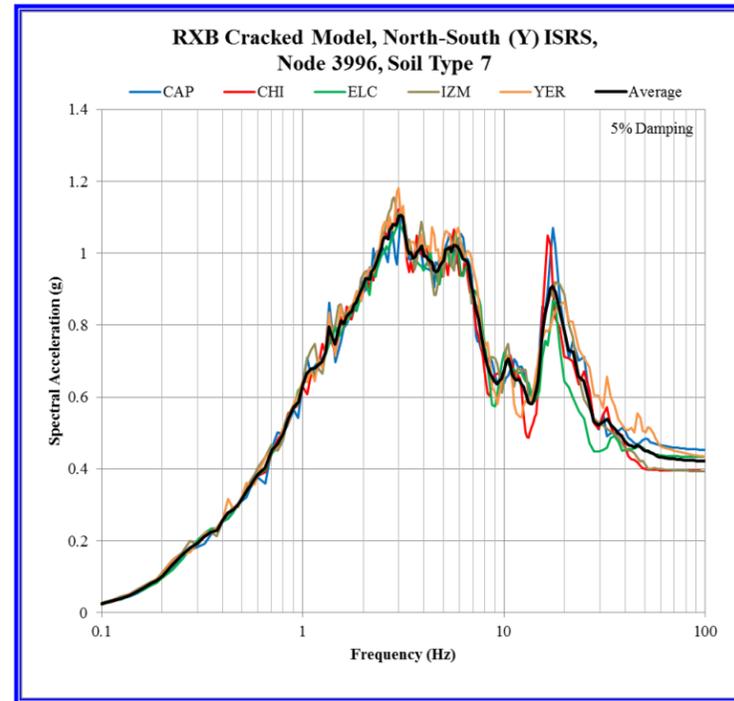
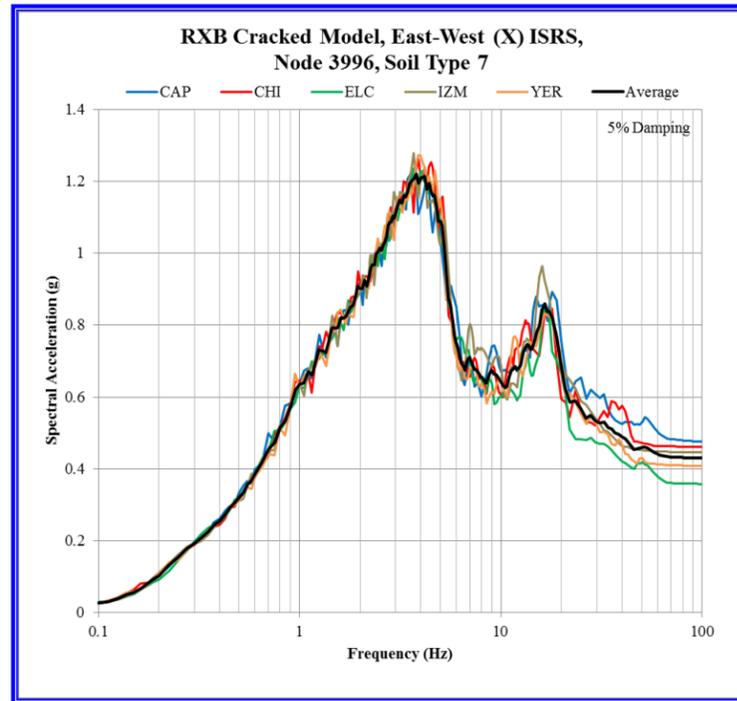


Figure 3.7.2-100: Example ISRS from CSDRS compatible Time Histories for Soil Type 8

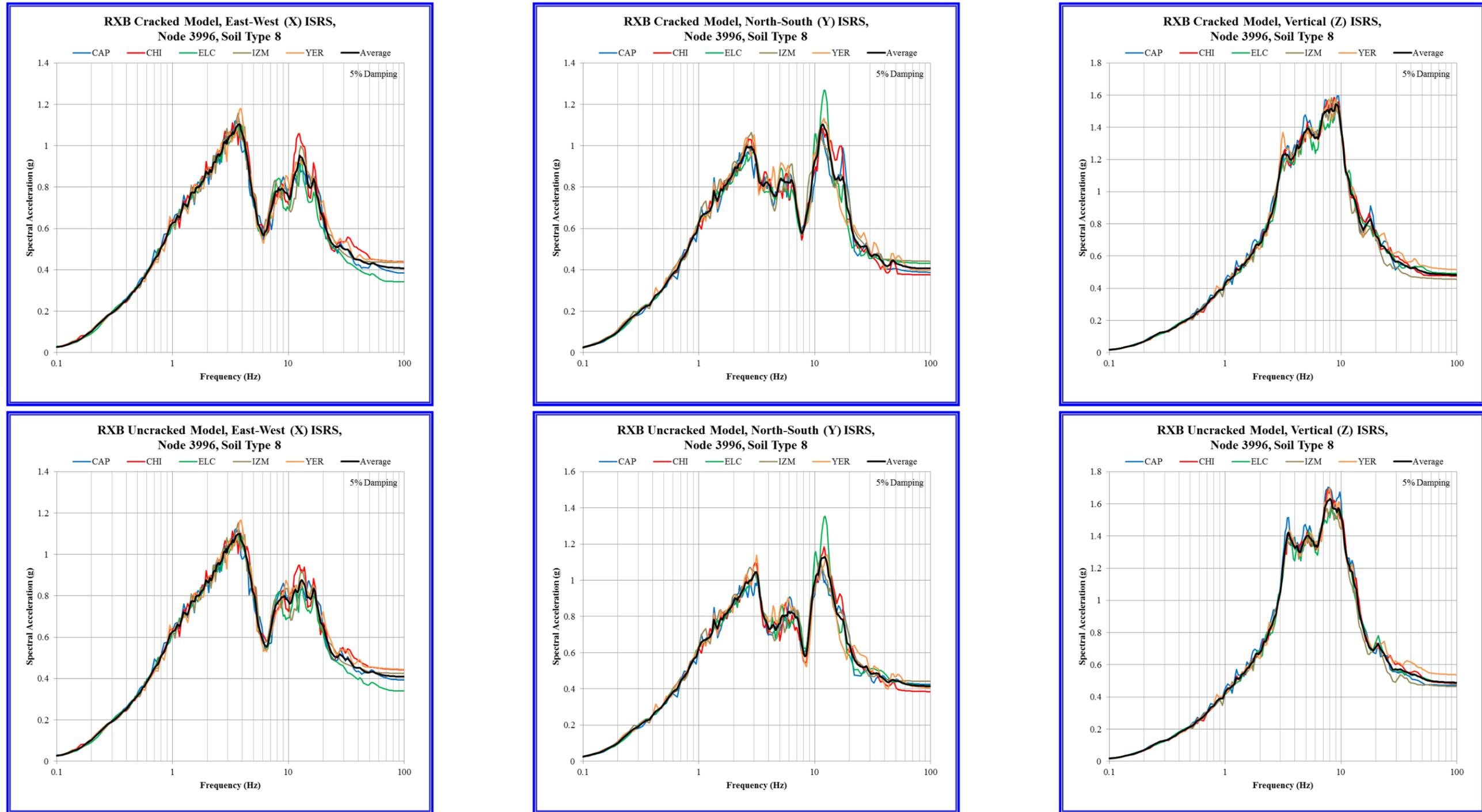


Figure 3.7.2-101: Example ISRS from CSDRS compatible Time Histories for Soil Type 11

