This is the first floor plan. The great majority of the structure forms a ring around the center. This view does not show the internal supports that occur at the floor levels. It does however show all the outside braces and 8 main columns.
This is the roof plan view, which also is the view from the top through the entire structure. The lateral braces shown occur at H/8 (loading) locations throughout the structure.
This is the N/S elevation view. The tower is 29 stories tall. The 8 loading locations are shown in orange at floors: 4, 8, 12, 15, 19, 23, 27, 29. These correspond to locations at 8”, 16”, 24”, 30”, 38”, 46”, 54”, 60” above the baseplate.
This is the E/W elevation view.
This an isometric view of the structure. Note the 3D truss that forms the outer structure. The corners are pulled in on every other floor. For computing floor area though we are using an octagon (cutting out the corners) as the braces consume that space in 3D.
A cut of an isometric view. Shows internal supports at loading locations.
A cut of an isometric view. Shows details of internal supports at loading locations.