Lateral seismic loads at individual levels are calculated as shown in table below:

In accordance with equation 12.8-12, vertical distribution factors are calculated as:

Story forces are calculated in accordance with equation 12.8-12 as:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Seismic forces at levels |  |  |  |  |
| Story id | Height from the base to  level  ***hi***  (ft) | Seismic weight at level  ***wi*** | Vertical distribution factor  ***Cvx*** | Lateral seismic force  ***Fx*** |