$$DL_{slab} := DL_{mep} + DL_{plas} + DL_{conc} + DL_{misc}$$

$$DL_{slab} = 0.94 \ kPa \qquad \text{(Typical Dead Load on Roof Slab)}$$

$$DL_{ob} := DL_{deck} + DL_{cfmf} + DL_{insul}$$

$$DL_{ob} = 0.74 \ kPa \qquad \text{(Roof Overbuild Dead Load)}$$

$$DL_{roof} := DL_{slab} + DL_{ob} = 1.59 \ kPa \qquad \text{(Total Roof Dead Load)}$$