1) Business area high rise building:

Floor 10:
$t_{10}=120 \times 1.05^{9}=186.16=$ outside office
$186.12 \times 24=4467.84 \quad 102 \times 8=816$ total $\$ 5283.84$
Industrial area high rise building

Floor 10:
$t_{10}=103+9 \times 3=130 \Rightarrow$ outside office
$130 \times 28=364065 \times 16=1040 \quad$ total $\$ 4680$
2)

Building 1
$s_{15}=\frac{120\left(1-1.05^{15}\right)}{-0.05}=2589.43 \times 24=\$ 62146.32$
$61246.32+15 \times 102 \times 6=\$ 71326.32$
$s_{23}=\frac{120\left(1-1.05^{23}\right)}{-0.05}=4971.66 \times 24=\$ 119319.84$
$119319.84+23 \times 102 \times 6=\$ 133395.84$

The total rent for the building 1 is between $\$ 71326.32$ and $\$ 133395.84$
$s_{22}=\frac{120\left(1-1.05^{22}\right)}{-0.05}=4620.63 \times 24=\$ 110895.12$
$110895.12+22 \times 102 \times 6=\$ 124359.12$

Building 2
$s_{15}=7.5(206+14 \times 3)=1860 \times 28=\$ 52080$
$52080+15 \times 65 \times 16=67680$
$s_{32}=16(206+31 \times 3)=4784 \times 28=\$ 133952$
$133952+32 \times 65 \times 16=\$ 167232$

The total weekly rent for building 2 is between $\$ 67680$ and $\$ 167232$
$167232-133395=33837$
$s_{25}=12.5(206+24 \times 3)=3475 \times 28=\$ 97300$
$97300+25 \times 65 \times 16=123300$
$s_{27}=13.5(206+26 \times 3)=3834 \times 28=\$ 107352$
$107352+27 \times 65 \times 16=135432$
$s_{26}=13(206+25 \times 3)=3653 \times 28=\$ 102284$
$102284+26 \times 65 \times 16=\$ 129324$

The developed should build 22 floors for building 1 and 25 floors for building 2 .

