

| Space | Area (sq. ft) | Calculation coordinate Polygon Area Algorithm using inches |
| :---: | :---: | :---: |
| FLOOR 1 <br> (Living area) | 2509 | $\begin{aligned} & \hline-((434.7+434.7) *(70.2-103.8)+(434.7+496.9) *(103.8-166)+(496.9+578.9) *(166-166) \\ & +(578.9+578.9) *(166-840.3)+(578.9+265.9) *(840.3-840.3)+(265.9+265.9) *(840.3- \\ & 811.6)+(265.9+66.7) *(811.6-811.6)+(66.7+66.7) *(811.6-163.1)+(66.7+185.2) * \\ & (163.1-163.1)+(185.2+258.4) *(163.1-101.2)+(258.4+258.4) *(101.2-70.2)+(258.4+ \\ & 434.7) *(70.2-70.2)) * 0.5 * 0.00694 \end{aligned}$ |
| BALCONY | 74 | $-(578.9+578.9) *(70.2-160)+(578.9+499.4) *(160-160)+(499.4+440.7) *(160-101.3)+$ |


| Space | Area (sq. ft) | Calculation Coordinate Polygon Area Algorithm using inches |
| :--- | :--- | :--- |
| (Non-living area) |  | $(440.7+440.7) *(101.3-70.2)+(440.7+578.9) *(70.2-70.2)) * 0.5 * 0.00694$ |
| BALCONY | 98 | $-(66.7+252.4) *(70.2-70.6)+(252.4+252.4) *(70.6-98.4)+(252.4+249.1) *(98.4-101.2)$ |
| (Non-living area) |  | $+(249.1+183) *(101.2-157.1)+(183+66.7) *(157.1-156.9)+(66.7+66.7) *(156.9-70.2))$ |
|  |  |  |
|  |  | $0.5 * 0.00694$ |

