

1

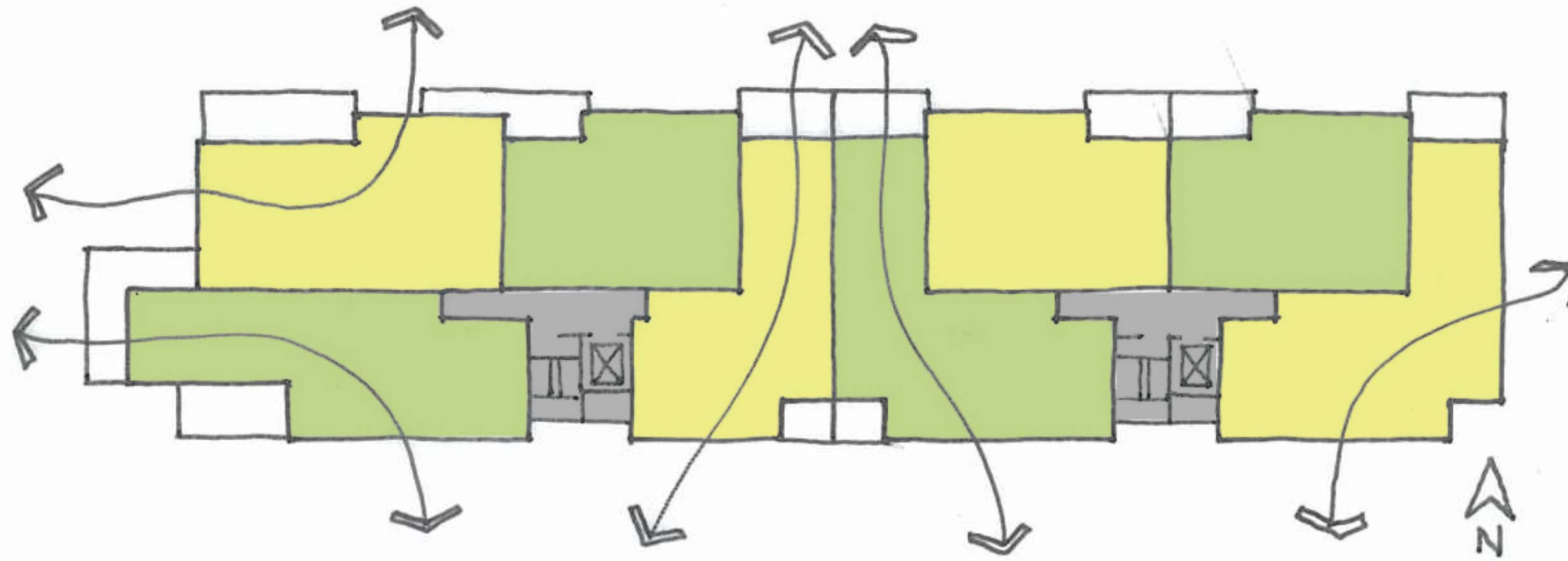
sepp 65 \_ RFDC \_ 03.26

"Conventional practice locates single aspect units along a double loaded corridor".

Total Apartments = 8

- Cross Ventilation =  $4/8 = 50\%$

- Long slab form with minor opportunities for articulation.
- Cross ventilation below 60% rule of thumb



2

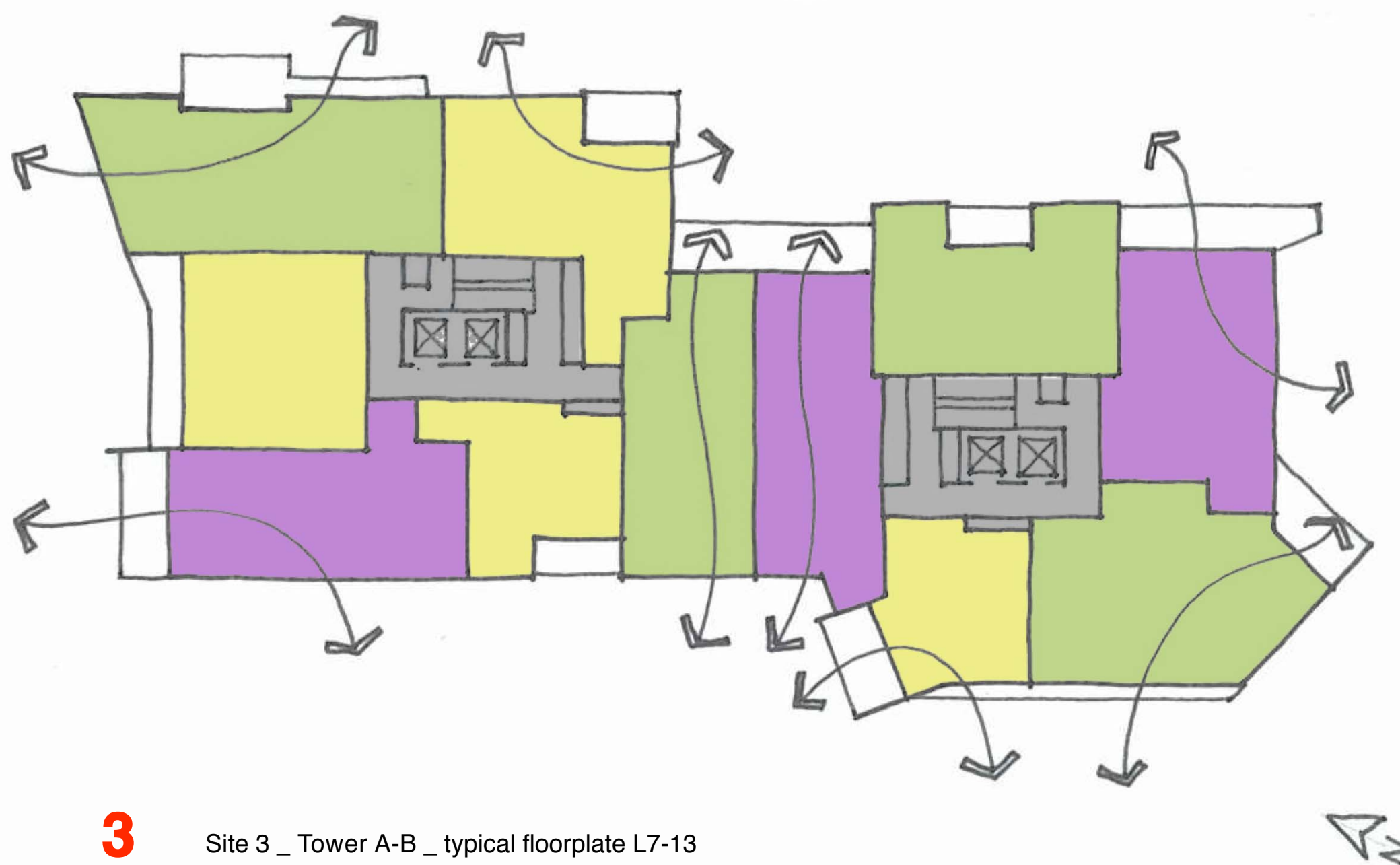
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"Better practice uses multiple cores to support more dual aspect apartments with better daylight access and cross ventilation".

Total Apartments = 8

- Cross Ventilation =  $5/8 = 62.5\%$

- Long slab form with minor opportunities for articulation
- Cross ventilation just above 60% rule of thumb
- Core configuration unsuitable for buildings higher than 25m



3

Site 3 \_ Tower A-B \_ typical floorplate L7-13

Floorplate shift and multiple cores accommodates more apartments and increases the facade area available for natural light and ventilation to apartments. Increase in dual aspect apartments with better daylight access and cross ventilation.

Total Apartments = 11

- Cross ventilation =  $8/11 = 72.7\%$

- Building form articulated
- Cross ventilation exceeds 60% rule of thumb
- Core configuration suitable for buildings higher than 25m