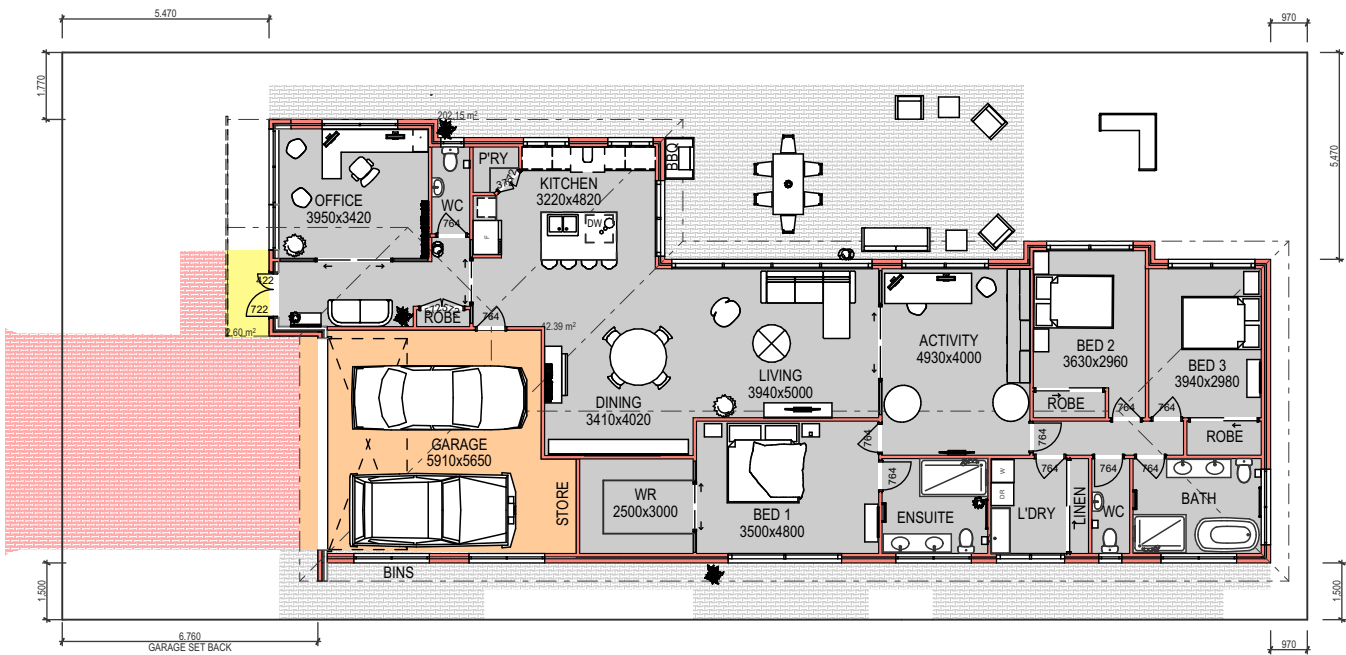
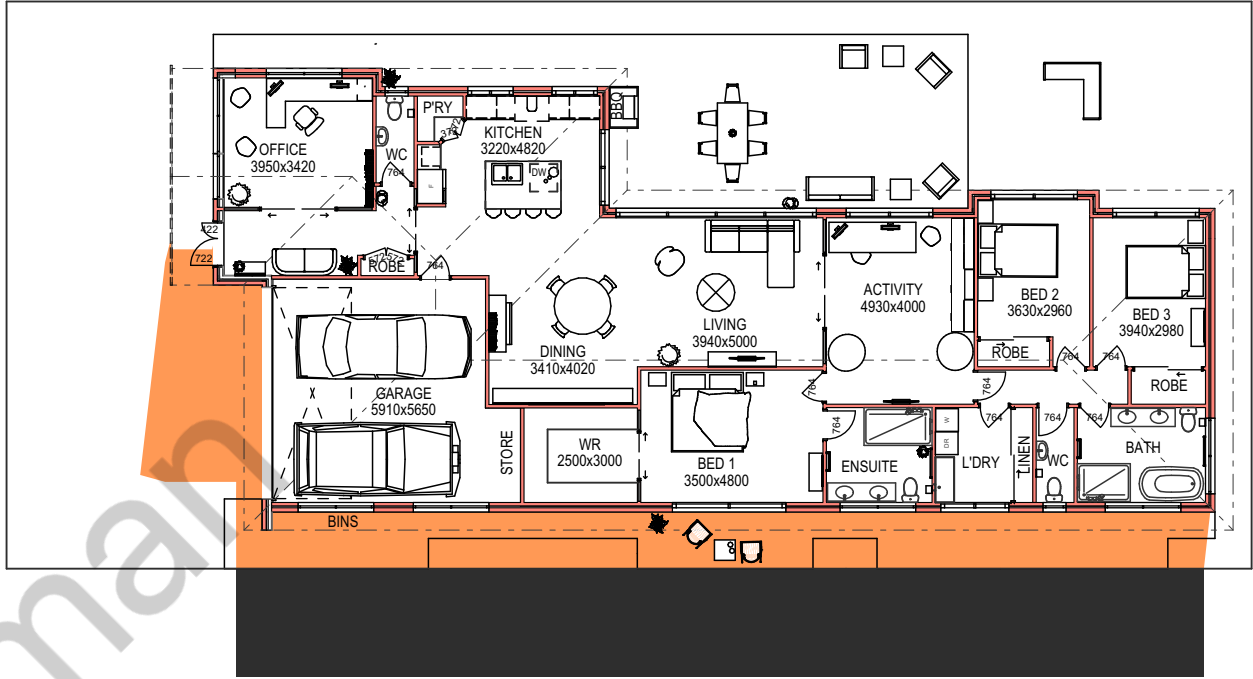


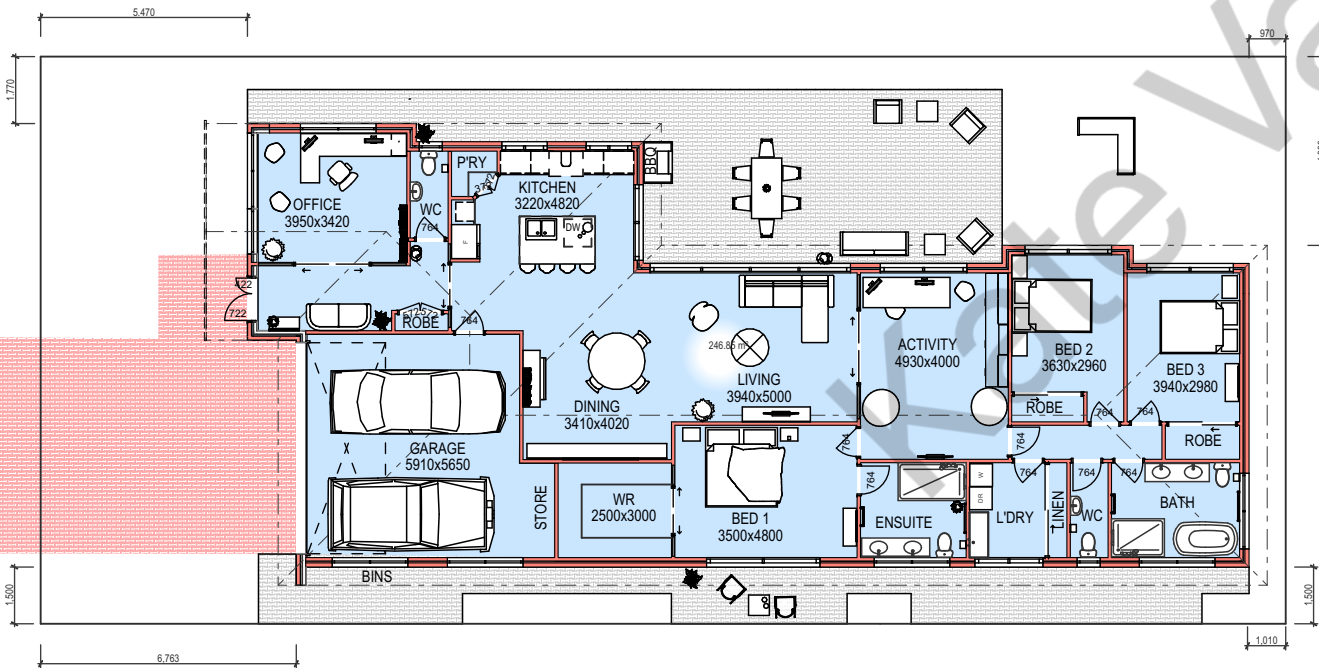


**COST ESTIMATE:**

|                   |                      |                       |                     |
|-------------------|----------------------|-----------------------|---------------------|
| GROUND FLOOR      | 202.15M <sup>2</sup> | \$1855/M <sup>2</sup> | \$374988.25         |
| GARAGE            | 42.39M <sup>2</sup>  | \$810/M <sup>2</sup>  | \$34335.9           |
| PORCH             | 2.6M <sup>2</sup>    | \$570/M <sup>2</sup>  | \$1482              |
| SUB TOTAL         |                      |                       | \$410806.15         |
| GST               |                      | 10%                   | \$41080.615         |
| <b>TOTAL COST</b> |                      |                       | <b>\$451886.765</b> |



**SHADOW AREA:**  
ADJOINING LOT AREA= 56M<sup>2</sup>  
R20 ALLOWING SHADOW CAST 25% OF ADJOINING LOT AREA  
25% OF 560M<sup>2</sup> = 140M<sup>2</sup> ALLOWABLE SHADOW CAST  
SHADOW CAST SOUTH OF LOT AT 12PM JUNE 21 IS 73.12M<sup>2</sup>



**AREAS:**

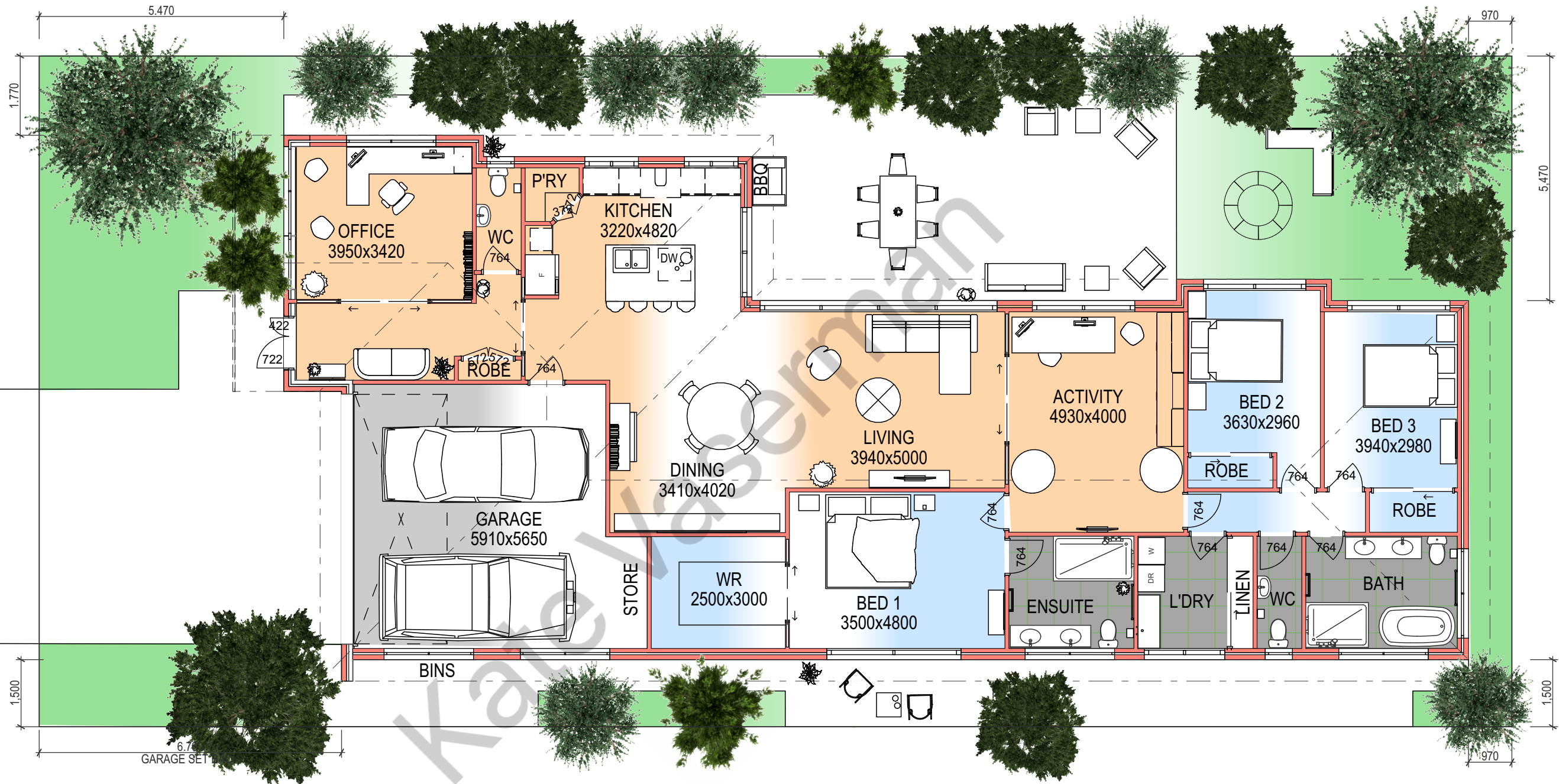
|                         |                    |
|-------------------------|--------------------|
| LOT AREA                | 494M <sup>2</sup>  |
| OPEN SPACE REQUIRED 50% | 247 M <sup>2</sup> |
| SATBACK A1              |                    |
| SATBACK A2              |                    |

## AREA CALCULATIONS

SCALE: 1:100, 1:200

|  |
|--|
|  |
|  |
|  |

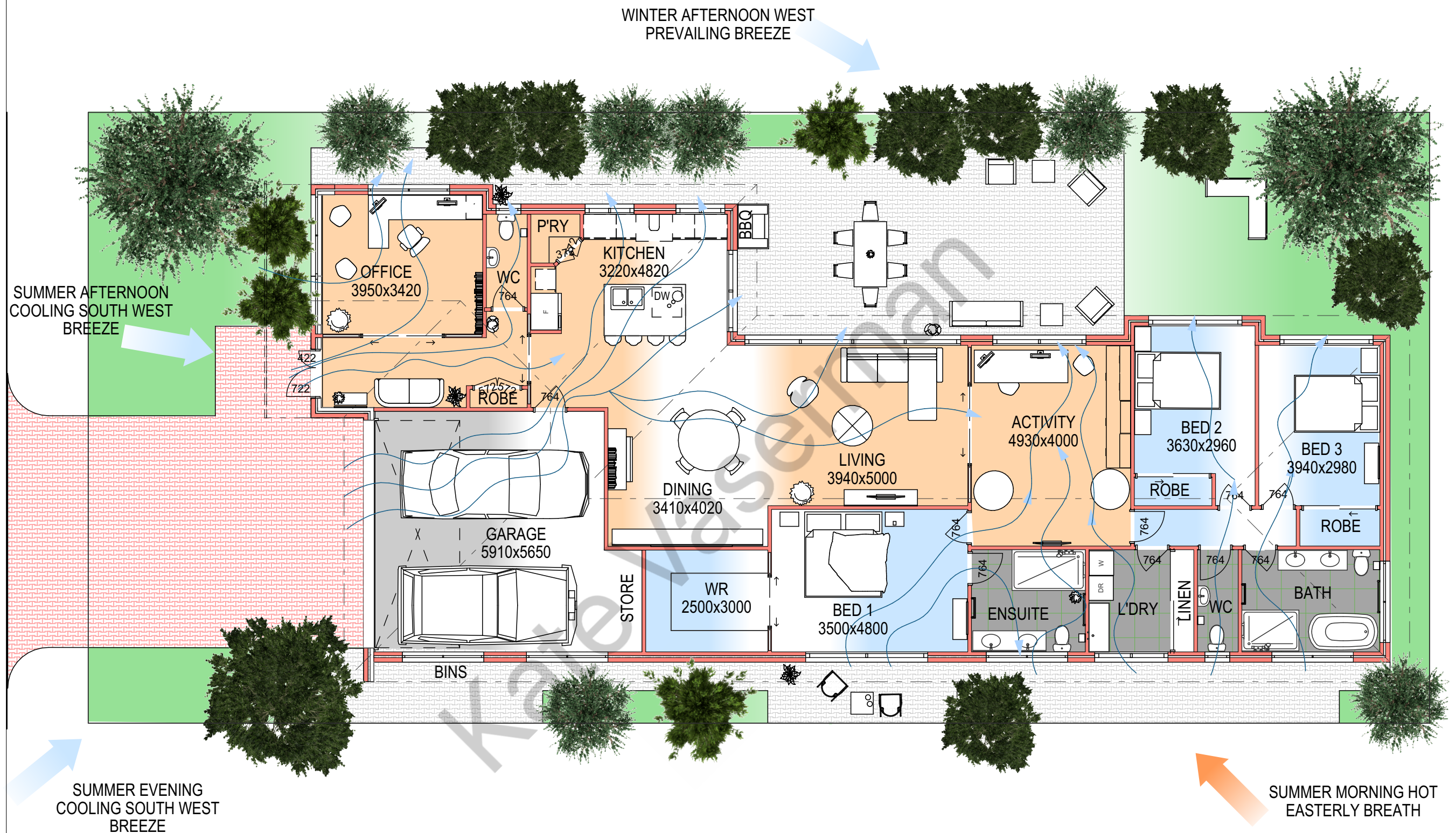
BAVILANICH LOOP



FLOOR & SITE PLAN  
SCALE: 1:100

|  |
|--|
|  |
|  |
|  |

BAVILANICH LOOP



**PASSIVE SOLLAR DESIGN FEATURERS:**  
LIVING AND DINING ZONES FACING NORTH TO ALLOW WINTER SOLAR ACCESS  
DECIDIOUS TREES TO WEST BOUNDARY PROTECT FROM SUMMER MORNING SUN  
WINDOWWS TO SOUTH ELEVATION CATCH COOLING SOUTH-WEST SUMMER BREEZES  
LARGE SLIDING DOORS TO NORTH ELEVATION PROVIDE POSITIVE PRESSURE FOR CROSS VENTILATION  
LARGE DOORS WITH OPEN PLAN ALLOWS CROSS VENTILATION AND UNIVERSAL ACCESS

## PASSIVE SOLAR PLAN

SCALE: 1:100

|  |
|--|
|  |
|  |
|  |