

EE2

Type A

Low VOC paint surface

Wall Surface - $(1.3 + 1.8 + 1.65 + 0.525 + 9.185 + 0.575 + 0.31 + 7.275 + 1.425) \times 3m = 72.135 \text{ sqm}$

Ceiling Surface = 43.93 sqm

Floor Surface = 0 sqm (tile/ Vinyl)

Total Surface

Wall Surface - $(1.3 + 1.8 + 1.65 + 0.525 + 9.185 + 0.575 + 0.31 + 7.275 + 1.425 + 2.675 + 4.25 + 4.25 + 2.8 + 2.675) \times 3m = 122.085 \text{ sqm}$

Ceiling surface = 43.93 sqm

Floor Surface = 43.93 sqm

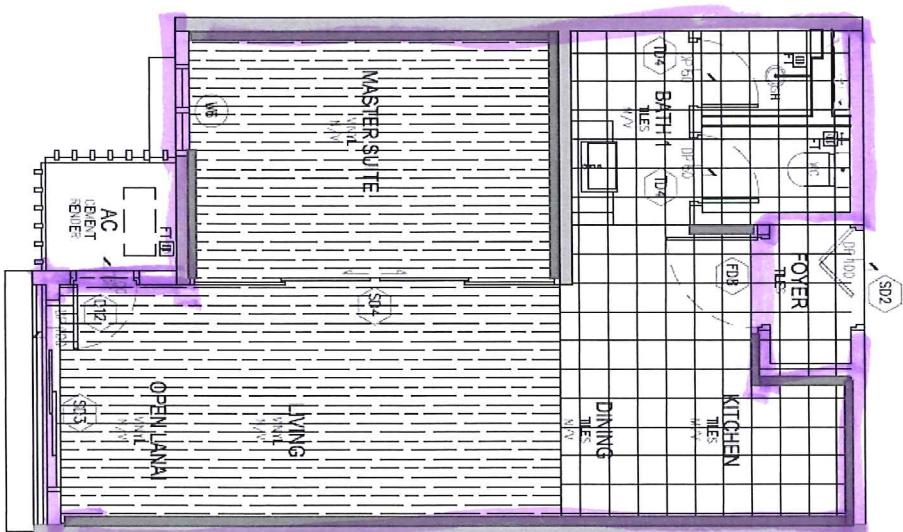
% VOC for wall surface

$(72.135 \text{ sqm} / 122.085 \text{ sqm}) \times 100 = 59.09\%$

% VOC for Ceiling surface

$(43.93 \text{ sqm} / 43.93 \text{ sqm}) \times 100 = 100\%$

calculation
exclude the opening, solely
wall panel



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Type B

Low VOC paint Surface

Wall Surface - $(6.9 + 2.8 + 8.81 + 1.625 + 1.025 + 0.55 + 3.3 + 4.25 + 6.24 + 8.36) \times 3 \text{ m} = 131.58 \text{ sqm}$

Ceiling Surface - 64.85 sqm

Floor Surface - 0 sqm (tile/Vinyl)

Total Surface

Wall Surface - $(6.91 + 2.8 + 8.81 + 1.625 + 1.025 + 0.55 + 3.3 + 4.25 + 6.24 + 8.36 + 2.3 + 7.1 + 7.1) \times 3 \text{ m} = 181.11 \text{ sqm}$

Ceiling = 64.85 sqm

Floor = 64.85 sqm

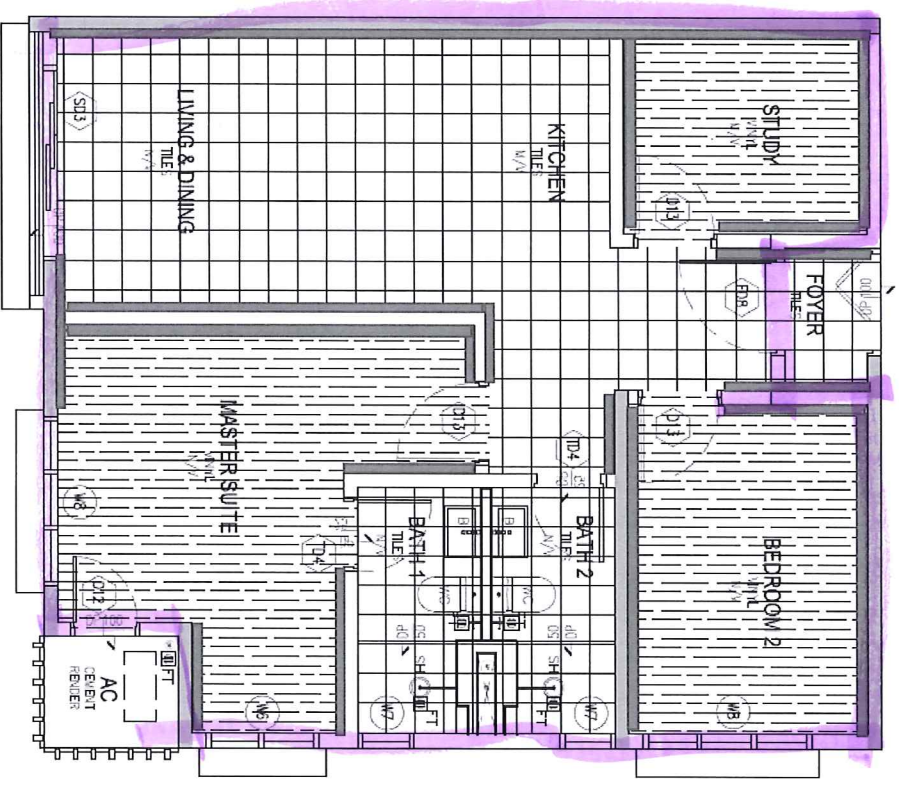
% VOC for wall surface

$(131.58 \text{ sqm} / 152.91 \text{ sqm}) \times 100 = 72.65\%$

% VOC for Ceiling surface

$(64.85 \text{ sqm} / 64.85 \text{ sqm}) \times 100 = 100\%$

calculation excluded the open's (dr + window) solely wall panels.



TYPE B

PROPOSED TILES

PROPOSED VINYL

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ES2

Type C

Low VOC paint Surface

Wall Surface - $(9.185 + 1.75 + 1.6 + 1.0 + 1.3 + 7.2 + 3.45 + 7.85 + 1.75 + 0.575 + 2.325 + 3.46) \times 3 \text{ m} = 124.335 \text{ sqm}$

Ceiling Surface = 64.50 sqm

Floor Surface = 0 sqm (Tile/Vinyl)

Total Surface

Wall Surface - $(9.185 + 1.75 + 1.6 + 1.0 + 1.3 + 7.2 + 3.45 + 7.85 + 1.75 + 0.575 + 2.325 + 3.46 + 3.375 + 3.175 + 7.15 + 7.15) \times 3 \text{ m} = 186.885 \text{ sqm}$

Ceiling Surface = 64.50 sqm

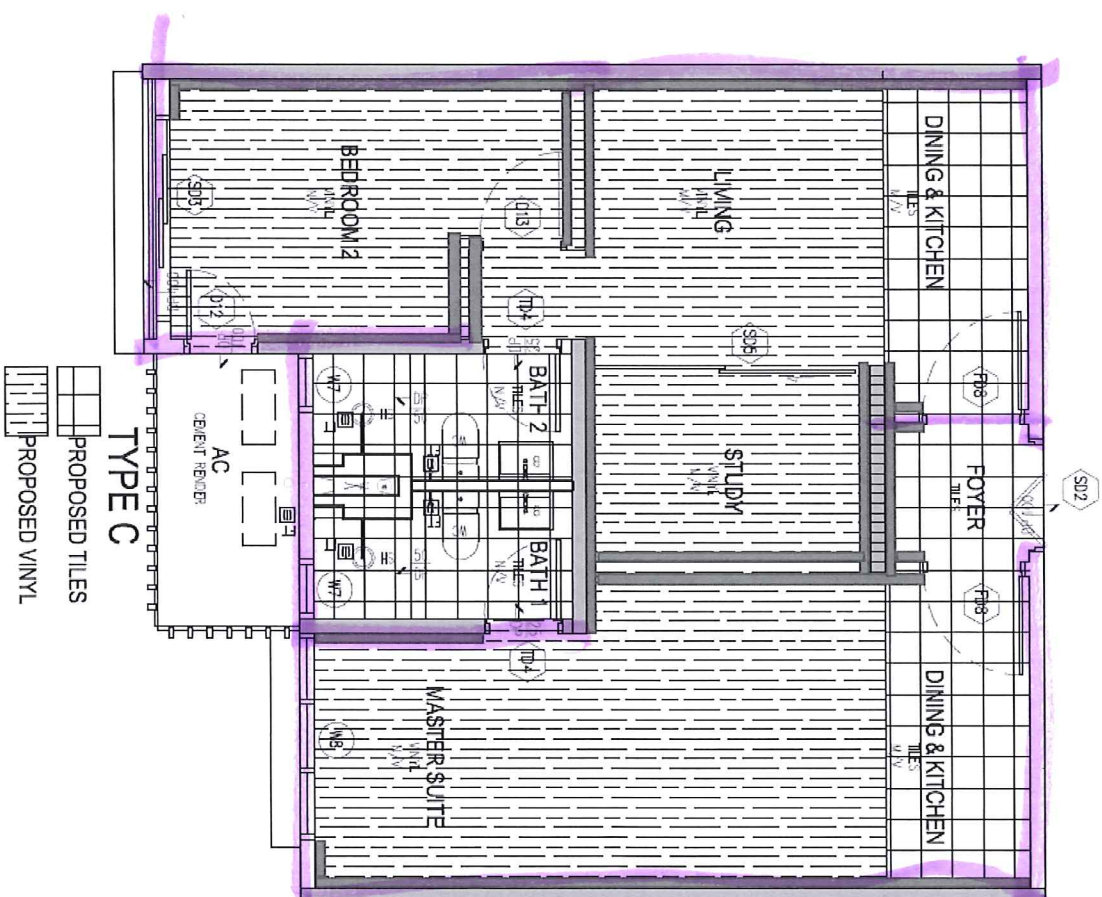
Floor surface = 64.50 sqm

% VOC for wall surface

$(124.335 \text{ sqm} / 186.885 \text{ sqm}) \times 100 = 66.53\%$

% VOC for Ceiling surface

$(64.50 \text{ sqm} / 64.50 \text{ sqm}) \times 100 = 100\%$



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SM13

07/02/2017

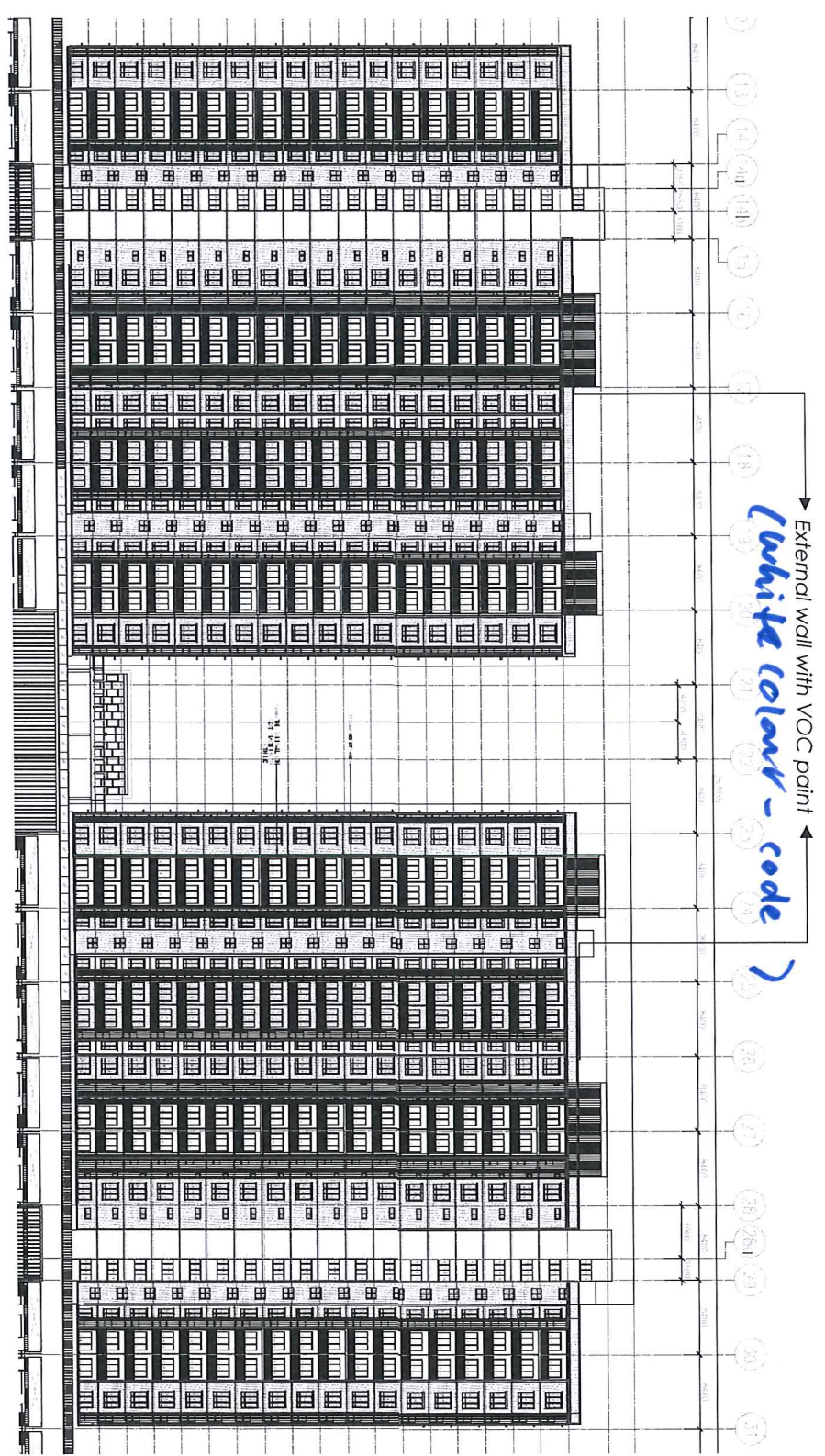
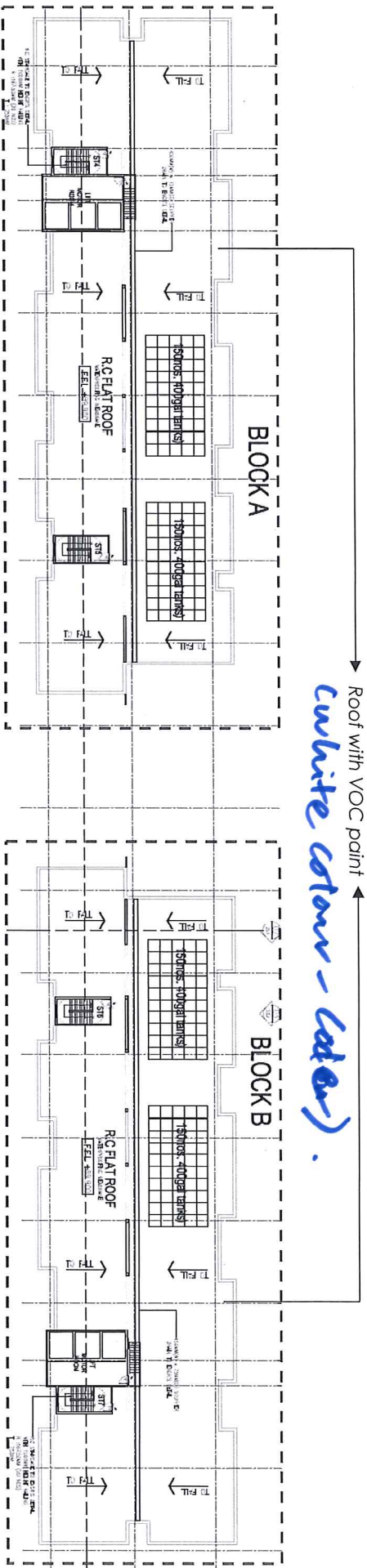


Figure : The red demarcation shown the external wall with VOC paint.

VOC paint at external wall.

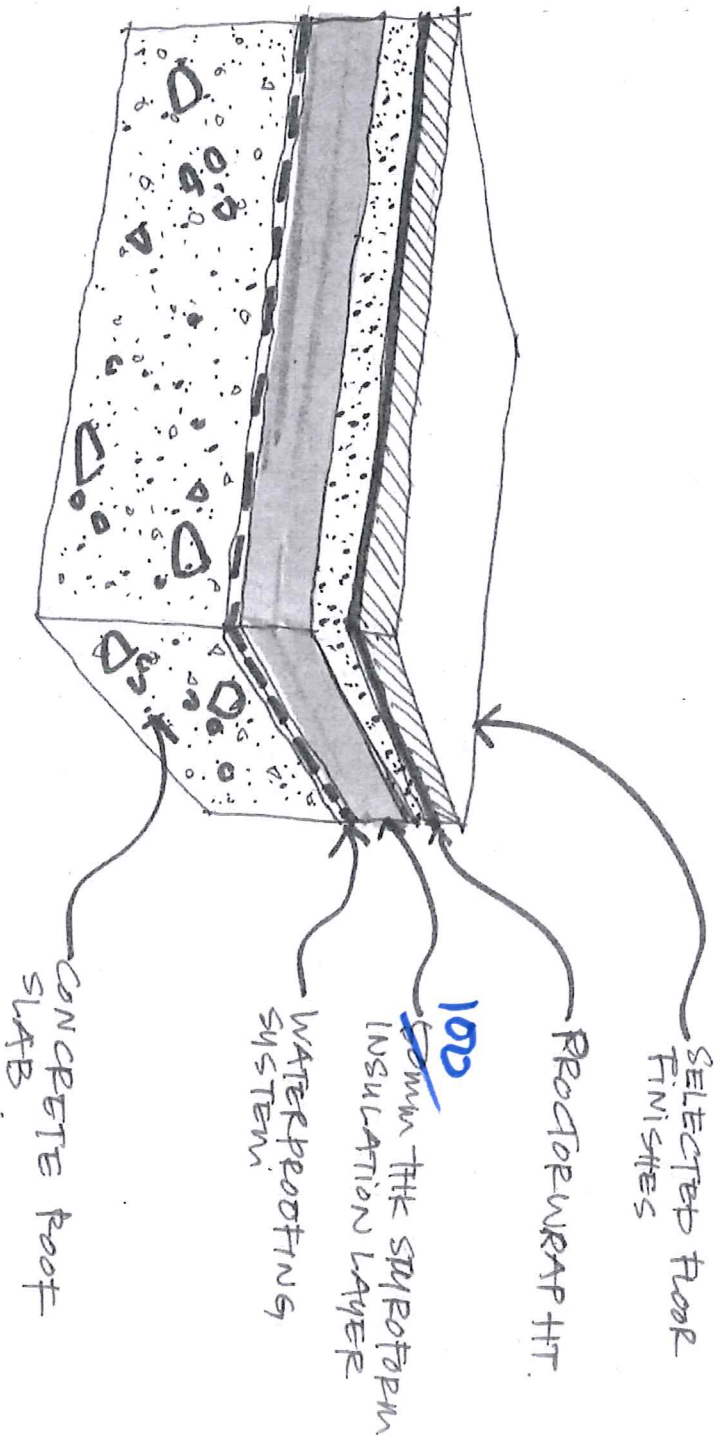
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SM 13



VOC paint at roof.

~~to add~~



R.C. FLAT ROOF WITH
THERMAL INSULATION DETAIL