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**NOTE:**

Drawings to be read in conjunction with Structures (Curtins), MEP (Cundalls), Vertical transportation (Cundalls) and Fire (Cundalls).

CP assumptions:

- External wall build ups developed through discussions with Precast S/C & insulation supplier.

| Thermal Element                                                   | Target Value |
|-------------------------------------------------------------------|--------------|
| Roof thermal conductivity, U-value, W/(m <sup>2</sup> .K)         | 0.10         |
| Floor thermal conductivity, U-value, W/(m <sup>2</sup> .K)        | 0.10         |
| Wall thermal conductivity, U-value, W/(m <sup>2</sup> .K)         | 0.15         |
| Ext. glazing thermal conductivity, U-value, W/(m <sup>2</sup> .K) | 1.4          |
| Ext glazing solar transmittance, g-value, %                       | 30           |
| Ext. glazing VLT %                                                | 70           |
| Air permeability @ 50 Pa (m <sup>3</sup> /(hr.m <sup>2</sup> ))   | 2.0          |

Design based on these figures as advised by Cundalls

- Detail to be developed further in Stage 4 and may affect areas stated.

**Drawing Revisions**

| Date:    | Rev: | Note:                   | Check: |
|----------|------|-------------------------|--------|
| 03.07.20 | P 1  | Issued for Coordination | RP     |
| 08.07.20 | P 2  | Stage 2 Issue           | RP     |
| 12.03.21 | P 3  | Issued for Coordination | CJ     |
| 26.03.21 | P 4  | Issued for Coordination | RP     |
| 09.06.21 | T 5  | Tender Issue            | RP     |
| 23.06.21 | T 6  | Tender Issue            | RP     |

**Materiality Key:**

- A Brick (Flemish Bond)
- B Brick (Soldier Course)
- C Brick (Header Course)
- D Brick (Sawtooth Coursing)
- E Window system with anodic PPC aluminium frame, cills, flashings and fins as per the design drawings
- F Anodic PPC metal perforated/laser cut panel
- G Blackened/patinated steel vertical brise soleil supported off steel cladding
- H Capped curtain wall system with anodic PPC aluminium frame, cills and flashings.
- I Blackened/patinated steel cladding with feature profiles, fins and plinths as per the design drawings
- J Anodic PPC aluminium micro-louvre (with integrated door sets as shown)
- K Curved double glazed curtain walling to corner at ground and first floor with dark opaque glazed spandrel panel between ground and first - same glass as clear glazing below with no transoms
- L Anodic PPC aluminium capping to parapet
- M Anodic PPC metal solid panel

**Client**

The Island Site (General Partner) Limited

**Project**

834 | John Dalton Street

**Building Name**

Island

**Drawing Title**

GA Elevation - East

**Scale**

As indicated @ A1

**Drawing Created**

09.01.20

**Revision**

T6

**Drawing No.**

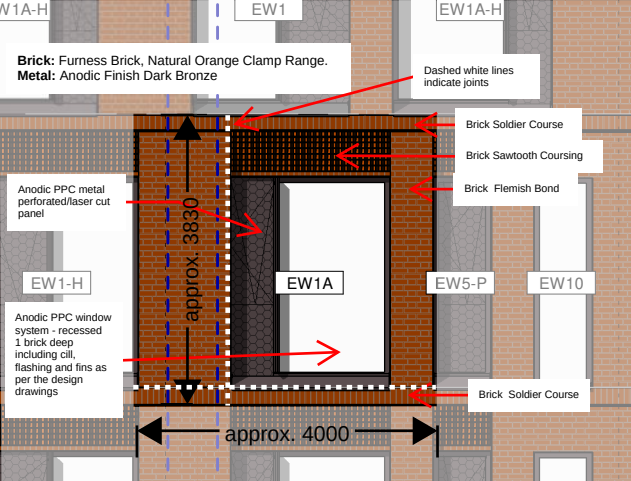
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1 B - East  
1 : 100



**Brick:** Furness Brick, Natural Orange Clamp Range.  
**Metal:** Anodic Finish Dark Bronze

Dashed white lines  
indicate joints

Brick Soldier Course

Brick Sawtooth Coursing

Brick Flemish Bond

Anodic PPC metal  
perforated/laser cut  
panel

EW1-H

Anodic PPC window  
system - recessed  
1 brick deep  
including cill,  
flashing and fins as  
per the design  
drawings

EW1A

EW5-P

EW10

Brick Soldier Course

approx. 3830

approx. 4000

**Metal: Anodic Finish Dark Bronze + Deep Rusted Weathering Steel Cladding**

