

Grid Line Symbol

Elevation Floor Height Symbol

Spot Level

Exterior Elevation Symbol

Building Section Symbols

Room Identification Symbol

Slab Penetrations

23

...

FFL Level 12
EL. = 23.456

+23.456

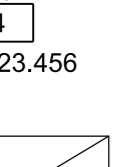
23
A3700

Elevation Designation With Sheet Reference Number

23
A3675

Section Designation With Sheet Reference Number

Lobby
1234
FFL +23.456



Building element	Description
Floor to ceiling height	2.7m
External walls	Precast concrete panels - 160mm minimum thickness; provide $R_{1.1} 1 \text{ m}^2.K/W$ insulation in all external walls to provide $R_{\text{total}} 1.5 \text{ m}^2.K/W$ (for further details refer to façade sections provided by the façade engineer in their SSDA report)
Party walls	Cavity panel; insulation in all party walls to meet acoustic requirements ($R_{0.7} 0.7 \text{ m}^2.K/W$ insulation used in NatHERS model to provide $R_{\text{total}} 1.0 \text{ m}^2.K/W$)
Walls to lifts, stair wells, toilets, plant areas, etc.	Tilt Concrete – lined - 200mm thickness; $R_{0.7} 0.7 \text{ m}^2.K/W$ insulation in all walls to provide $R_{\text{total}} 1.1 \text{ m}^2.K/W$
Internal wall between living/bedroom spaces	Cavity Panel; no insulation included in the model (insulation in internal spaces would not alter the thermal performance of the apartments); insulation to be specified based on acoustic requirements.
Internal wall between living/bedroom spaces to bathroom/ensuite space	Cavity Panel; no insulation included in the model (insulation in internal spaces would not alter the thermal performance of the apartments); insulation to be specified based on acoustic requirements.
Common area corridors	No minimum insulation levels on the external walls to common area corridors are required.
Walls to common corridors	Cavity panel; insulation in all party walls to meet acoustic requirements ($R_{0.7} 0.7 \text{ m}^2.K/W$ insulation used in NatHERS model to provide $R_{\text{total}} 1.0 \text{ m}^2.K/W$ —tbc by acoustic consultant during Detailed Design)
Skylights	No skylights at the apartments.
Vented downlights	Vented downlights, wherever specified in apartments with ceiling to the exposed roof, will not compromise the levels of insulation on the roof (i.e. there will not be any penetrations to the insulation due to the downlights)
Doors	<ul style="list-style-type: none"> External: Solid core Internal: Hollow core
Window coverings	<ul style="list-style-type: none"> Holland blinds*
Insect screens	<ul style="list-style-type: none"> Yes*
Ceiling fans	<ul style="list-style-type: none"> None

Building element	Description
Floors	Floor coverings—tiles for kitchens, living room areas, bathrooms and corridors; carpet for bedrooms and living areas were included in the NatHERS model. Actual floor covering will be developed during Detailed Design.
Ceilings	<ul style="list-style-type: none"> Internal ceilings between apartments: Concrete with plasterboard, no insulation. For all apartments with a ceiling to the exposed roof: See “Roof” section below.
Roofs	Concrete slab, medium colour, no cavity, $R1.4\text{m}^2\text{K/W}$ insulation to achieve an $R_{\text{total}} 1.5\text{m}^2\text{K/W}$ on all apartments with a ceiling to the exposed roof, apart from apartment L16-03 which requires $R2.0\text{m}^2\text{K/W}$ insulation to achieve an $R_{\text{total}} 2.1\text{m}^2\text{K/W}$
Glazing type	Aluminium framed, double glazing. Provide the following whole of window parameters—U-value: $2.85\text{W/m}^2\text{K}$ Solar Heat Gain Coefficient (SHGC): 0.31 (NFRC Values) (mid – pane values: U-value $1.66\text{W/m}^2\text{K}$ and SHGC 0.35 with aluminium frames) for all clear glazing at the thermal envelope.
Opening type and shading	As shown on Fosters elevations and façade detail. Please refer to the façade section of the architectural SSDA Summary Report.

**Insect screens and holland blinds are required as default parameters by the NatHERS modelling protocol*

**** If reflective insulation is selected this can act to reduce the R-value performance (thickness) of the insulation**

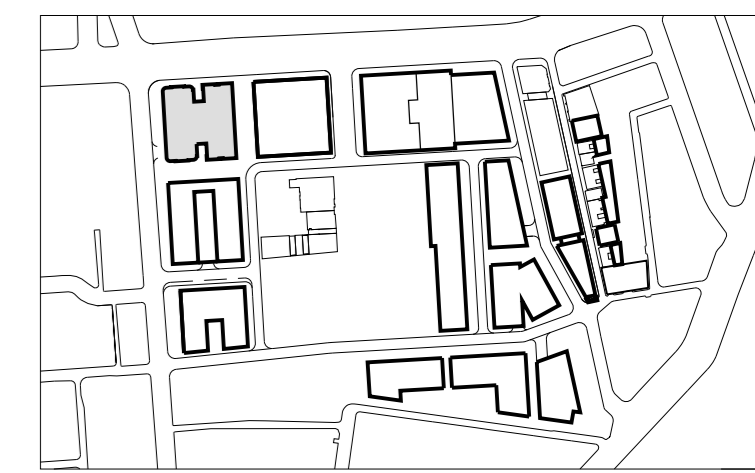
General Notes

1. Do not scale drawings. Dimensions govern.
2. All dimensions are in millimetres unless noted otherwise.
3. All dimensions shall be verified on site before proceeding with the work.
4. Foster + Partners shall be notified in writing of any discrepancies.
5. Any areas indicated on this sheet are approximate and indicative only.

[illegible]

For information

Key Plan



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Technical Sheet

Symbols and Notes

Project No. 2094	Scale @ A0 NTS	Date 08/10/14	Drawn By DS
Number PA - A4 - 1011			Revision 01