

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770991

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U14 14 Federal Parade, Brookvale |
| Street address | 14 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 14 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |

| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✓ | ✓ |
| Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted. | | ✓ | ✓ |
| For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mm above the head of the window or glazed door and no more than 2400 mm above the sill. | ✓ | ✓ | ✓ |
| Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35. | | ✓ | ✓ |
| Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm. | | ✓ | ✓ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✓ | ✓ | ✓ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-34 | W | 0.8 | 0 | 0 | none | aluminium, single Lo-Tsol low-e, (U-value: 5.6, SHGC: 0.36) | | | |
| W-35 | S | 3.5 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-36 | E | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-37 | W | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-38 | S | 0.5 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|----------------------|-------------|------------------------------------|--------------------------|----------------------------|---|--|------------------|------------------------------|-----------------|
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-48 | W | 0.6 | 0 | 0 | eave/ verandah/ pergola/balcony >=450 mm | aluminium, single Lo- Tsol low-e, (U-value: 5.6, SHGC: 0.36) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770981

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U4 14 Federal Parade, Brookvale |
| Street address | 4 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 4 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-03 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770983

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U6 14 Federal Parade, Brookvale |
| Street address | 6 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Deposited Plan SP71340 |
| Lot number | 6 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |

| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✓ | ✓ |
| Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted. | | ✓ | ✓ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✓ | ✓ | ✓ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-08 | W | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-09 | W | 0.8 | 0 | 0 | none | aluminium, single Lo-Tsol low-e, (U-value: 5.6, SHGC: 0.36) | | | |
| W-10 | S | 5.9 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-11 | E | 0.8 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-12 | W | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770986

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U9 14 Federal Parade, Brookvale |
| Street address | 9 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 9 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-27 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-28 | E | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-29 | N | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770982

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U5 14 Federal Parade, Brookvale |
| Street address | 5 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 5 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-01 | W | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-03 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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Alterations and Additions

Certificate number: A1770989

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Secretary

Date of issue: Wednesday, 30 October 2024

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| Project address | |
|--|--|
| Project name | U12 14 Federal Parade, Brookvale |
| Street address | 12 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 12 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-24 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-32 | N | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

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Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770990

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U13 14 Federal Parade, Brookvale |
| Street address | 13 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Deposited Plan SP71340 |
| Lot number | 13 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-22 | W | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-23 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-33 | N | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770978

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U2 14 Federal Parade, Brookvale |
| Street address | 2 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 2 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-05 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770987

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U10 14 Federal Parade, Brookvale |
| Street address | 10 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 10 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-26 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-30 | N | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770984

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U8 14 Federal Parade, Brookvale |
| Street address | 8 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 8 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✔ | ✔ | ✔ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✔ | ✔ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✔ | ✔ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✔ | ✔ | ✔ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-17 | W | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-18 | S | 5.9 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-19 | E | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-21 | E | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770992

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U15 14 Federal Parade, Brookvale |
| Street address | 15 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 15 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✔ | ✔ | ✔ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✔ | ✔ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✔ | ✔ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✔ | ✔ | ✔ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-39 | S | 0.5 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-40 | E | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-41 | W | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-42 | S | 3.5 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-43 | E | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770977

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U3 14 Federal Parade, Brookvale |
| Street address | 3 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 3 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-04 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770976

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U1 14 Federal Parade, Brookvale |
| Street address | 1 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 1 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-07 | E | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-06 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

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Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770993

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U16 14 Federal Parade, Brookvale |
| Street address | 16 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 16 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✓ | ✓ |
| Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted. | | ✓ | ✓ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✓ | ✓ | ✓ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-44 | W | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-45 | S | 3.5 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-46 | E | 0.8 | 0 | 0 | none | aluminium, single Lo-Tsol low-e, (U-value: 5.6, SHGC: 0.36) | | | |
| W-47 | E | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770988

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.




| Project address | |
|--|--|
| Project name | U11 14 Federal Parade, Brookvale |
| Street address | 11 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 11 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |


| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | | | | | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | | | | | | | ✓ | ✓ | ✓ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | | | | | | | ✓ | ✓ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | | | | | | | ✓ | ✓ |
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-25 | S | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-31 | N | 0.7 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.

BASIX[®]Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A1770985

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary

Date of issue: Wednesday, 30 October 2024

To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project address | |
|--|--|
| Project name | U7 14 Federal Parade, Brookvale |
| Street address | 7 14 FEDERAL - BROOKVALE 2100 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Strata Plan SP71340 |
| Lot number | 7 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (attached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Greenworld Architectural Drafting | |
| ABN (if applicable): 70203970543 | |

| Construction | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|--|----------------------|------------------|------------------------------|-----------------|
| Insulation requirements | | | | | |
| The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✔ | ✔ | ✔ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |


| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|------------------|------------------------------|-----------------|
| Windows and glazed doors | | | |
| The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door. | ✔ | ✔ | ✔ |
| The following requirements must also be satisfied in relation to each window and glazed door: | | ✔ | ✔ |
| Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. | | ✔ | ✔ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✔ | ✔ | ✔ |


| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|------------------------------------|--------------------------|----------------------------|----------------|--|------------------|------------------------------|-----------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W-13 | E | 0.8 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-14 | W | 0.8 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-15 | S | 5.9 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W-16 | E | 0.8 | 3 | 0.9 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

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