

THE WORLD'S MOST INNOVATIVE  
GREEN BUILDING TECHNOLOGY



# WINDOWS & DOORS

## SIZE AND SPECIFICATIONS GUIDE



**Our Earth-Sheltered Building System is compatible with a variety of window systems to fulfill any energy savings needs in a broad variety of looks.**

Our designs consist of an exposed elevation or face of the house, which usually faces south, to allow the sun to light and heat the interior, while soil covers the other sides and roof to protect and insulate the unit.

Wonderful Structures facades are compatible with a broad variety of doors and windows to satisfy any performance, style, impact resistance, energy star compliance, noise reduction, target U-Factor or Solar Heat Gain Coefficient needs.

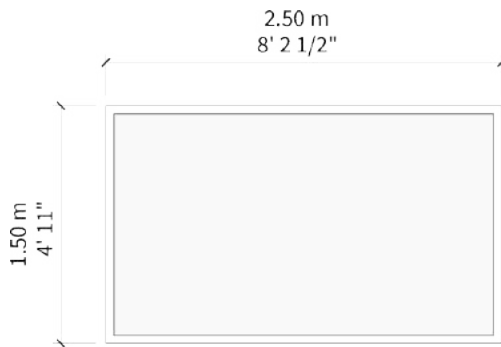
Our window openings can use most systems including stationary, single hung, double hung, casement, gliding, sliding, awning or hinged, or any combination; and all types of materials including wood, aluminum, fiberglass and or composites.



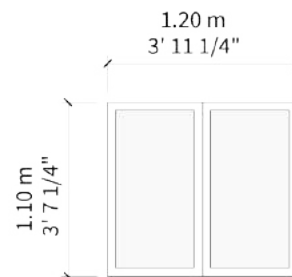
# WINDOWS

## STANDARD WINDOW SIZES ON UNITS

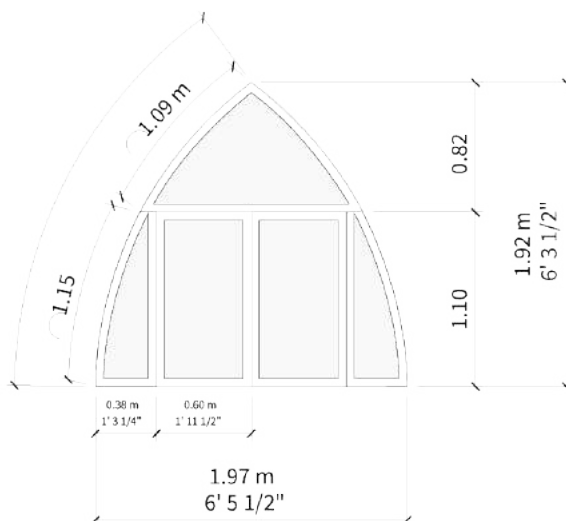
The Gothic and Flanker panes on W3, and Eye-brow pane on W4 are stationary. All other panels can use single hung, double hung, casement, gliding, sliding, awning or hinged, or any combination of openings as preferred.



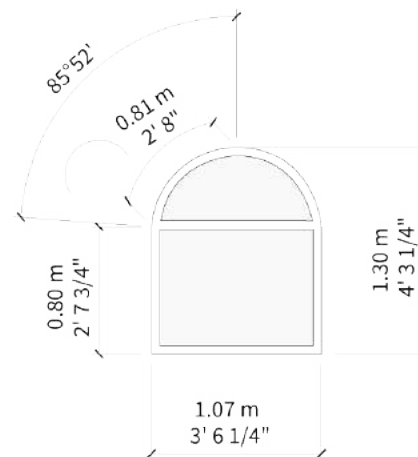
**W -1**



**W -2**



**W -3**



**W -4**

# WINDOWS

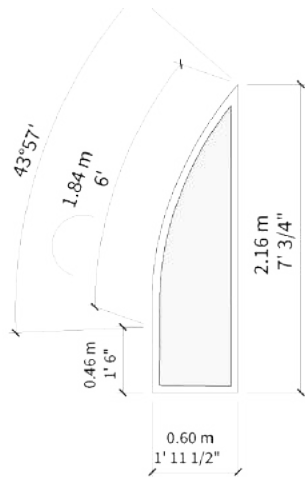
## STANDARD WINDOW SIZES ON UNITS



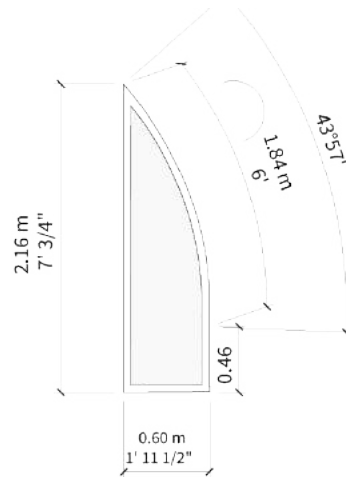
# WINDOWS PANES

## FLANKER AND EYEBROW PANES ON FACADES

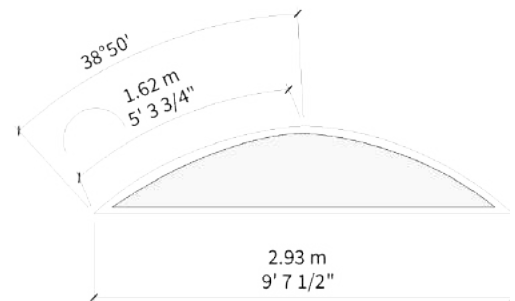
Stationary panel on facades. To view the panes pertaining to each facade design refer to the window requirements table.



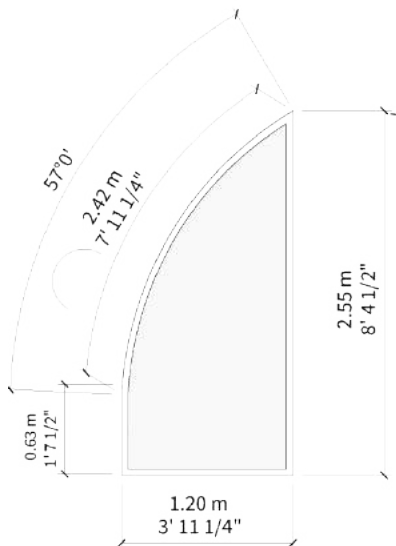
**C-1**



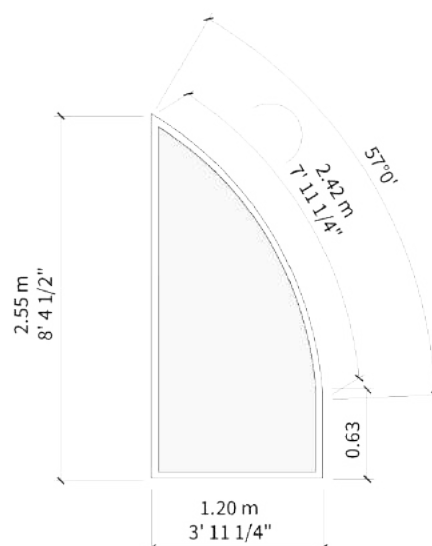
**C-2**



**C-5**



**C-3**



**C-4**

# WINDOWS PANES

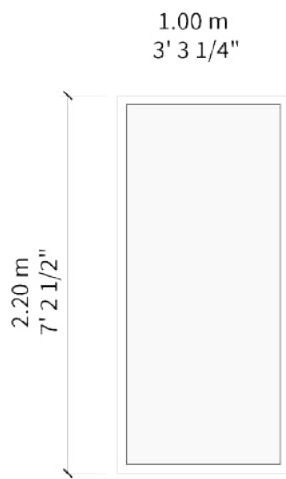
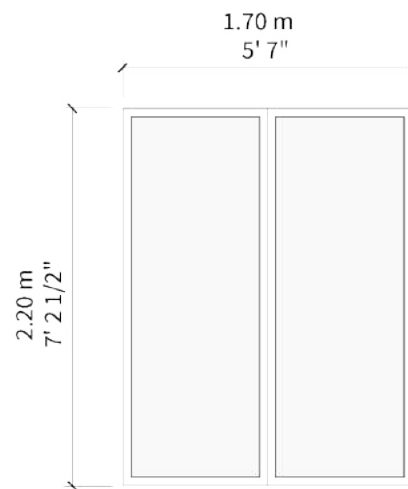
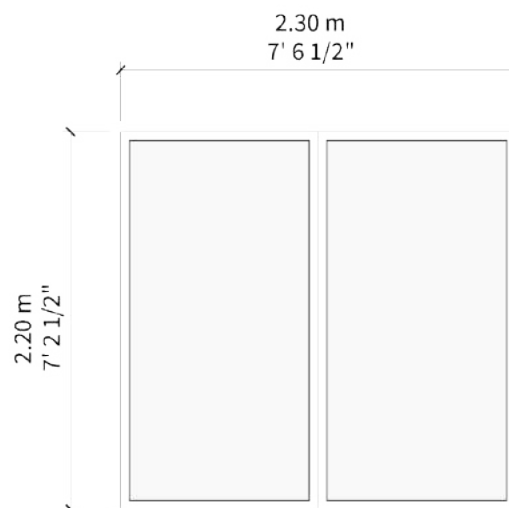
## FLANKER AND EYEBROW PANES ON FACADES



# DOORS

## STANDARD DOOR SIZES ON UNITS

Door sizes for facades. To view the size that corresponds to each facade design refer to the window requirements table. Doors can be hinged or sliding as desired.

**D -1****D -2****D -3**

# DOORS

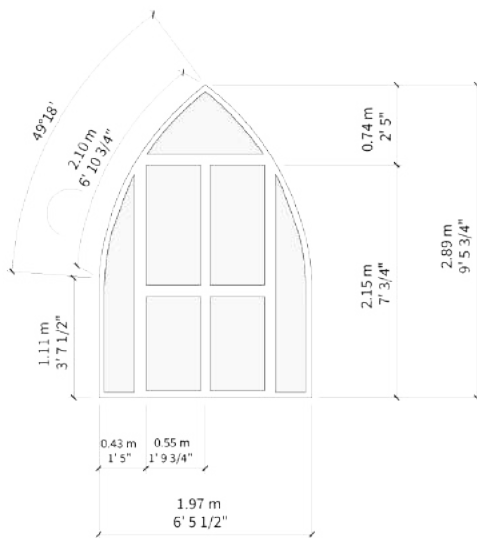
## STANDARD DOOR SIZES ON UNITS



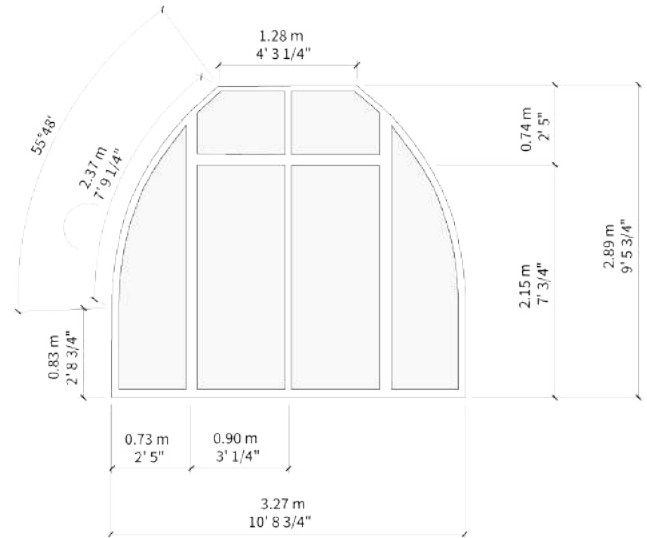
# ARCHES

## STANDARD ARCHES MEASUREMENTS ON UNITS

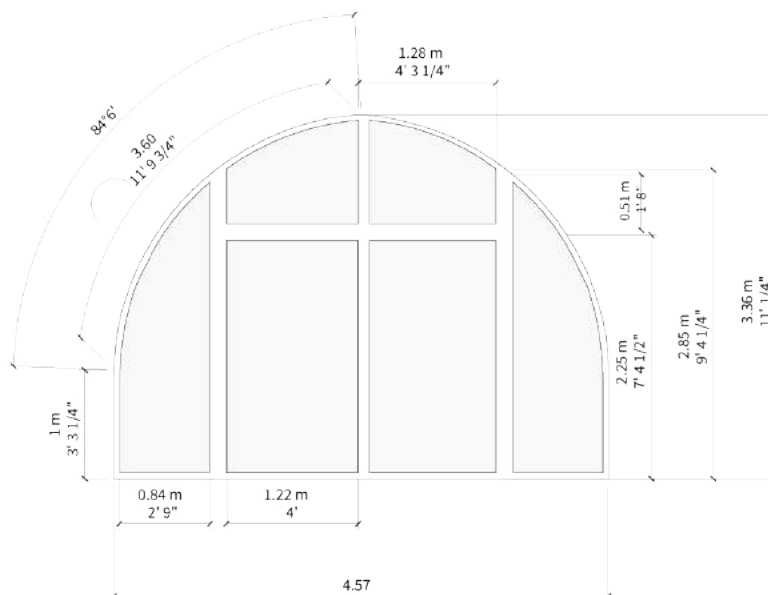
The arch openings can use a traditional framing or a complete storefront type aluminum frame system. The doors can be hinged or sliding as desired. The top eyebrow is segmented for cost issues but can be one piece if so desired.



**A-3**



**A-2**

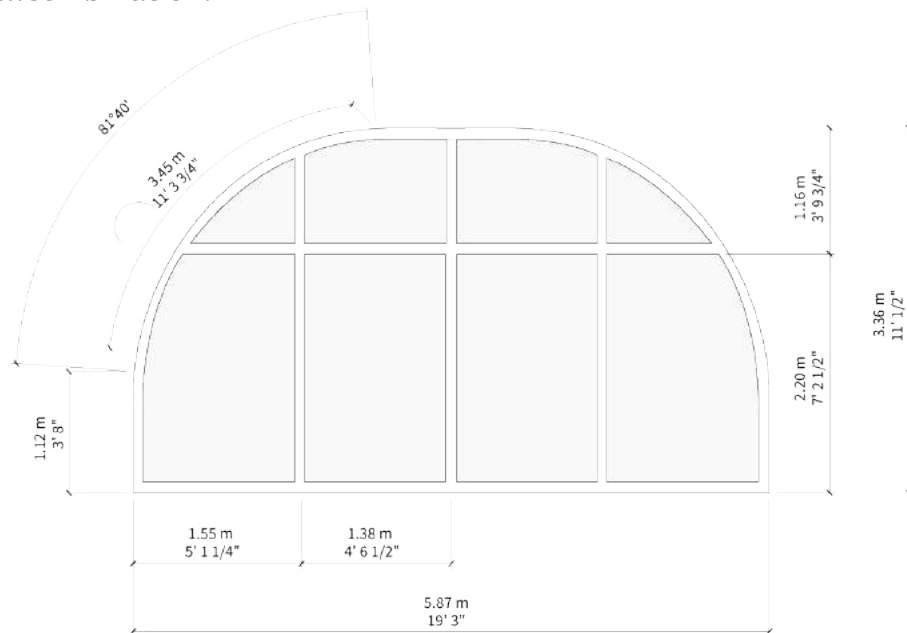


**A-3**

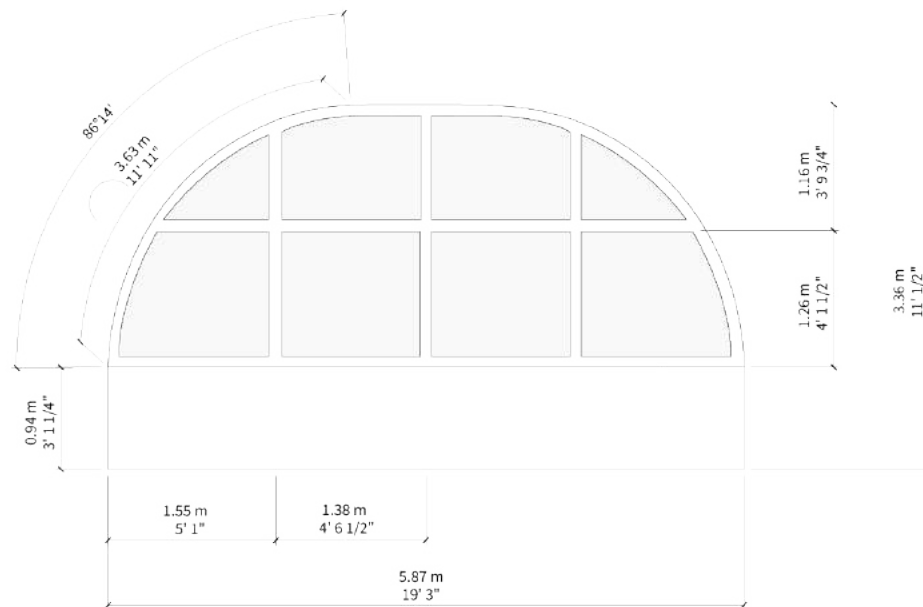
# EXTENDED ARCHES

## STANDARD EXTENDED ARCH MEASUREMENTS ON UNITS

The extended arch is implemented in some of our larger units. The openings can use a traditional framing or a complete storefront type aluminum frame system. The windows can be a full glass wall or a window and wall combination.



**A -4**



**A -5**

# ARCHES & EXTENDED ARCHES



# WINDOW & DOOR TYPES PER MODEL

## STANDARD ARCHES MEASUREMENTS ON UNITS

| Models                  | Doors types |    |    | Wndows types |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------|-------------|----|----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                         | D1          | D2 | D2 | A1           | A2 | A3 | A4 | A5 | C1 | C2 | C3 | C4 | C5 | W1 | W2 | W3 | W4 |
| Wonder-Home 1 B         | -           | -  | -  | 1            | -  | 2  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | 2  |
| Wonder-Home 2 B         | -           | -  | -  | 1            | -  | 3  | -  | -  | -  | -  | -  | -  | -  | 1  | -  | -  | 2  |
| Wonder-Home 3 B         | -           | -  | -  | 1            | -  | 2  | 1  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | 4  |
| Royale 3 B              | -           | -  | -  | 2            | 1  | 1  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | 2  | 3  |
| Murano 4 B              | -           | -  | -  | -            | 1  | -  | 4  | 1  | -  | -  | -  | -  | -  | -  | -  | 8  | 4  |
| Santorini 4 B           | -           | -  | -  | 2            | -  | 2  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | 8  | 5  |
| Royal Cabin             | -           | -  | -  | -            | -  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 1  |
| Bali 1 B                | -           | -  | -  | -            | 1  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 1  |
| Positano 2 B            |             |    |    |              | 2  | -  | 2  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 2  |
| Suite SINGLE            | -           | -  | -  | -            | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 1  | 1  |
| Suite DOUBLE            |             |    |    |              | 2  |    |    |    | -  | -  | -  | -  | -  | -  | -  | 2  | 2  |
| Vacation Rental Stage A | -           | -  | -  | -            | 3  | 4  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 11 |
| Vacation Rental Stage B |             |    |    |              | 3  | 7  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 17 |
| Vacation Rental Stage C | -           | -  | -  | -            | 3  | 10 | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 23 |
|                         |             |    |    |              |    |    |    |    |    |    |    |    |    |    |    |    |    |



**WE MAKE DREAMS COME TRUE**

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