

REFUSE CALCULATION & BINS AND BIKE STRUCTURE DETAILS

Hollyrood House

Ardingly Road

Lindfield

West Sussex

RH16 2QY

Architect: Sherwood Architects
Davey House
31 St Neots Road
Eaton Ford
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PE19 7BA

Job No: 3404
Date: November 2024



Refuse bin collection calculation:

Proposal is for 17 No apartments with 30 Bedrooms, 2 Semi-detached 3 Bedroom dwellings and 1 Detached 3 Bedroom dwelling:

Apartments calculation:

Using Mid Sussex Waste Storage and Collection Guidance for new developments,
Capacity Calculation Table for more than 6 apartments:

Number of Properties = 17 x 240 divided by 0.75 requires 5440 litre storage.

This equates to 5 No 1100 litre bins

Residual waste: 40% = 2 No 1100 litre bins.

Recyclable waste: 60% = 3 No 1100 litre bins

Semi-detached and Detached Dwellings:

For each dwelling provide:

1 No 240-litre bin Residual Waste – Grey body with grey lid

1 No 240-litre bin for Recycling – Grey body with blue lid

1 No 240-litre bin for Garden – Grey body with green lid

1 No 23 litre Food Caddy

To be stored within dedicated refuse bin store building

REFUSE BIN STORAGE FACILITY WITH GREEN ROOFS:

Height: 1.45m

Depth: 0.9m

Width :3 bins - 1.94m



CYCLE STORAGE BUILDINGS:

Semi-detached and Detached dwellings:

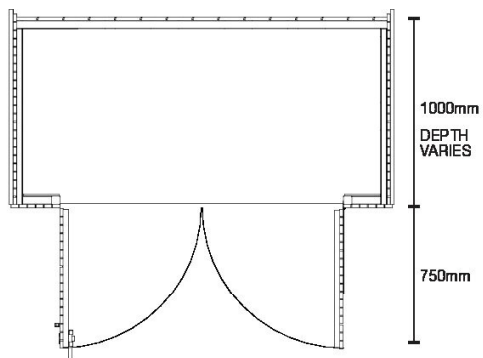
TWO BIKES:

Height: 1.45m

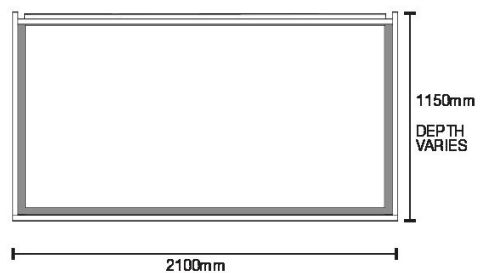
Depth: 0.9m

Width :2 bikes – 2.0m





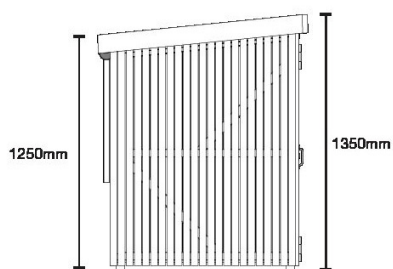
FLOOR PLAN



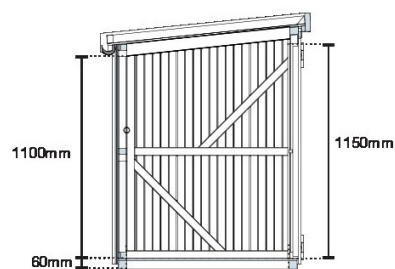
ROOF PLAN

Dimensions of shed depth vary with size of bike shed. See dimesnsion table below.

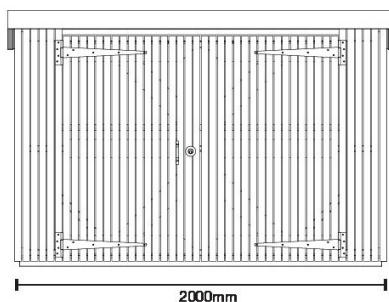
BIKE SHED SIZE	BASE DEPTH	INTERNAL DEPTH	ROOF DEPTH
1 BIKE	800mm	700mm	950mm
2 BIKES	900mm	800mm	1050mm



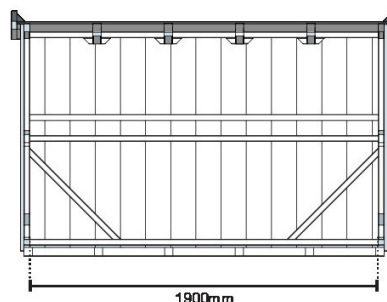
SIDE ELEVATION



CROSS SECTION



FRONT ELEVATION



LONG SECTION

TWO TIER 16 BIKE STORE:

Height: 2.8m

Depth: 2.2m

Width :3.6m

