P L E A S E R E A D
Requirements for Structure with Toja Grid with 4x4 Lumber

- If adding a roof to a completely freestanding structure, you will need the 4x4 Single Freestanding/Cube Structure Kit or the 4x4 Double Freestanding/Cube Structure Kit, depending on your build.
- If adding a roof to a semi-freestanding structure, such as a wall-mounted structure, the home or cottage to which the system is mounted will act as its support. In this case, depending on your build, you will need the 4x4 Single Wall Mounted Structure Kit or the 4x4 Double Wall Mounted Structure Kit.
- If adding a roof to a structure where framing will be used, the framing will act as your support.
- Foundations and existing structures are to be designed/reviewed by your own engineer and are not part of the scope of the details.

Please note: These kits may not provide enough screws to fill each bracket's holes. This *document* outlines the minimum requirement of screws for each bracket when planning to add a roof. If you want to fill all the holes of each bracket, extra screws and caps are available for purchase.

Load Details:
Provided is a reference to a load capability engineering document for our 4x4 and 6x6 bilateral, quadrilateral, and peaked load formatted structures. **These loads only account for freestanding structures**. Please click this PDF to view. The owner and/or engineer must carefully read and understand the design, assumptions and limitations of the engineering documents provided. Local codes and environments may have additional requirements including anchorage, uplift, foundations and bracing.

The design load assumes an evenly distributed load and only accounts for freestanding structures.

P L E A S E N O T E:
Please also refer to the PDF engineering document for load capabilities for decks, fences, sheds, cabanas, gazebos, greenhouses, and any other use requiring load bearing.

Beyond the provided details, we recommend you consult with your own engineer before you begin your customization(s) and check your local building codes and regulations. The owner is responsible for carefully reading the guidelines and following the recommendations and location code requirements. You may be required to apply for a building permit. Contact your location building department.

PLEASE READ

Requirements for Structure with Toja Grid with 6x6 Lumber

- If adding a roof to a completely freestanding structure, you will need the 6x6 Single Freestanding/Cube Structure Kit or the 6x6 Double Freestanding/Cube Structure Kit on your build.
- If adding a roof to a semi-freestanding structure, such as a wall-mounted structure, the home or cottage to which the system is mounted will act as its support. In this case, depending on your build, you will need the 6x6 Single Wall Mounted Structure Kit or the 6x6 Double Wall Mounted Structure Kit.
- If adding a roof to a structure where framing will be used, the framing will act as your support.
- Foundations and existing structures are to be designed/reviewed by your own engineer and are not part of the scope of the details.

Please note: These kits may not provide enough screws to fill each bracket's holes. This *document* outlines the minimum requirement of screws for each bracket when planning to add a roof. If you want to fill each bracket's holes, extra screws and caps are available for purchase.

Load Details:

Provided is a reference to a load capability engineering document for our 4x4 and 6x6 bilateral, quadrilateral, and peaked load formatted structures. **These loads only account for freestanding structures**. Please click this PDF to view. The owner and/or engineer must carefully read and understand the design, assumptions and limitations of the

engineering documents provided. Local codes and environments may have additional requirements including anchorage, uplift, foundations and bracing.

The design load assumes an evenly distributed load and only accounts for freestanding structures.

PLEASE NOTE:

Please also refer to the PDF engineering document for load capabilities for decks, fences, sheds, cabanas, gazebos, greenhouses, and any other use requiring load bearing.

Beyond the provided details, consult with your own engineer before you begin your customization(s). and check you local building codes and regulations. You may be required to apply for a building department. This is the owner's responsibility.