



DRAFT

Streateries Guidelines and Manual

NORFOLK, VIRGINIA

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DIY Streateries
Manual

THE CITY OF
NORFOLK

DECEMBER 4, 2020

The Streeteries Guidelines and Manual were developed by the City of Norfolk City Planning Department and the Right of Way Administrator with assistance from the Downtown Norfolk Council.

Prepared for the City of Norfolk
by Work Program Architects.



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DIY STREATERIES

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Operators can build their own streateries, or hire a contractor to build one based on a design provided. There are several websites which detail parklet and streater design, however, most of them are designed for mild weather or temporary use. If selecting a design from an online source, check to be sure the materials listed and design details are in compliance with this document.

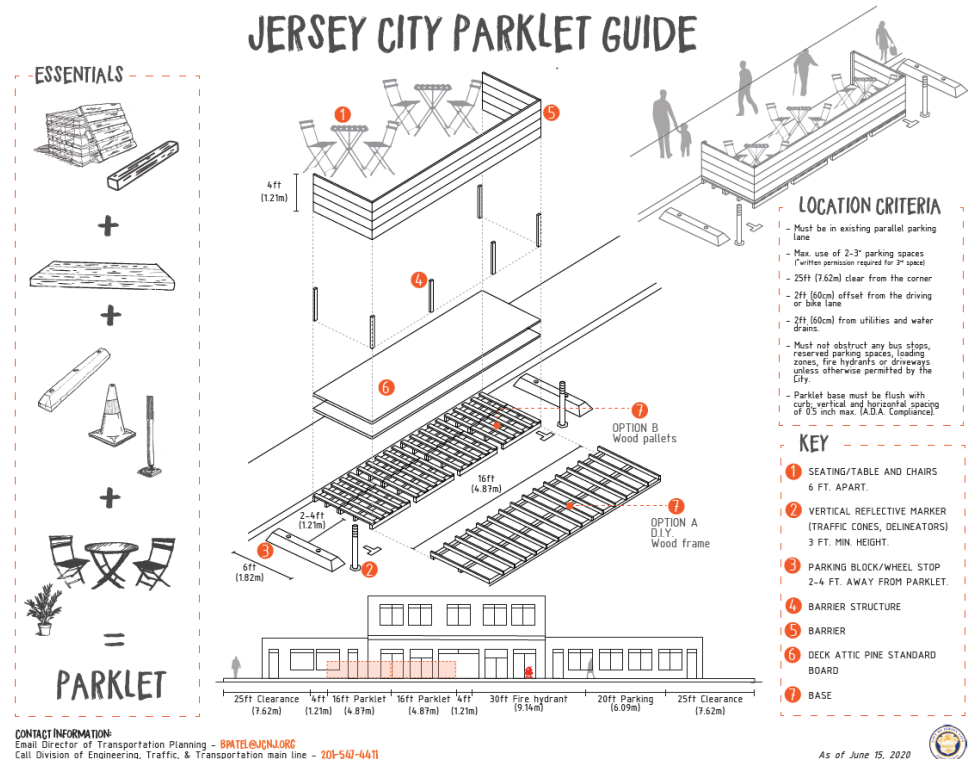
Reclaiming the Right of Way:
[Click here to download the PDF](#)

This guide is an excellent resource for design inspiration, though it is largely dedicated to public parklets and does not discuss many idea for covered areas.



Jersey City Parklet Guide:
[Click here to download the PDF](#)

This guide is a good how-to for a very simple streater design which can be built in a couple of ways. It is focused on maintaining a very low cost of construction, so some of the materials called out are not suitable for longer-term streateries. Treated lumber should be used in lieu of the materials called out for durability and weather resistance, which will likely increase the stated cost of construction.

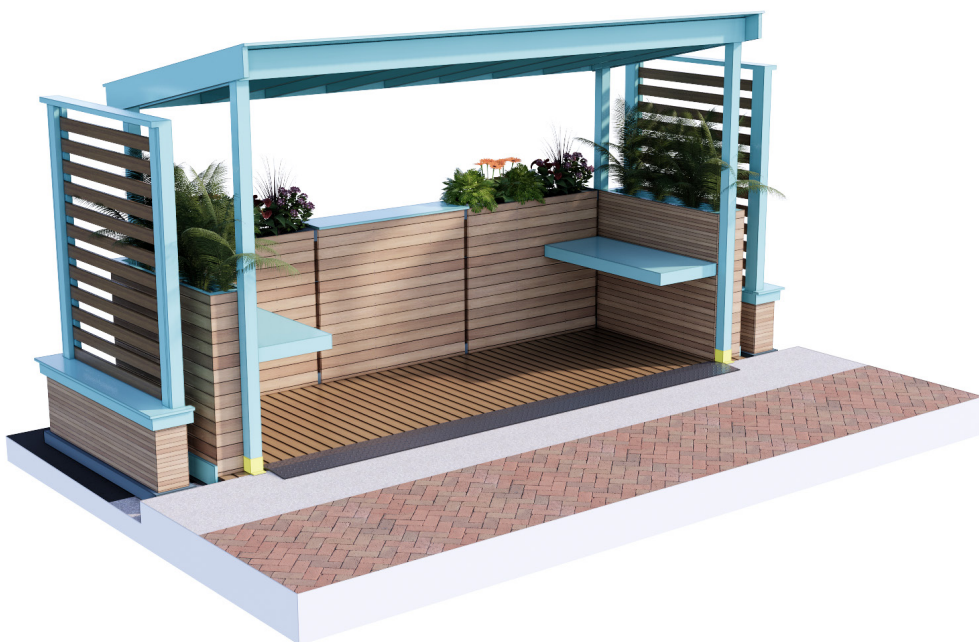


The design on the following pages has been developed to be simple to construct, deploy, use, and take down. It is constructed of materials readily available at any lumber yard or home improvement store, and provides year-round outdoor dining opportunities.

The streatory comprises a base platform, modular barrier walls, a roof structure, and wind breaks.

The operator can choose to build the full streatory, or only portions of it, depending on how they intend to operate or based on their budget. The platform and barriers are the minimum for a functional streatory, while the roof structure and wind breaks are optional upgrades that add comfort for occupants in cooler and inclement weather.

The following pages outline the materials needed and the construction of the components of this streatory design.

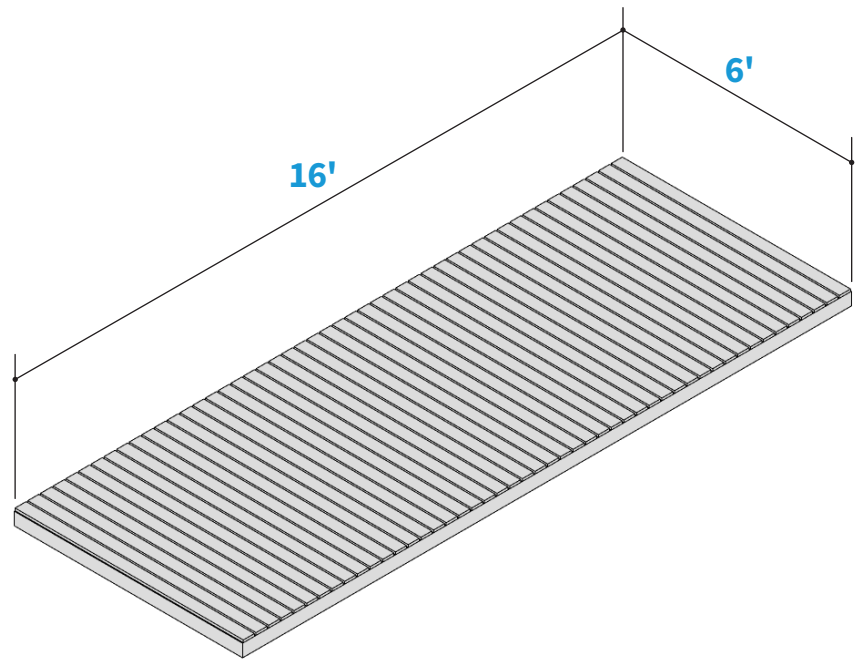


Platform Assembly

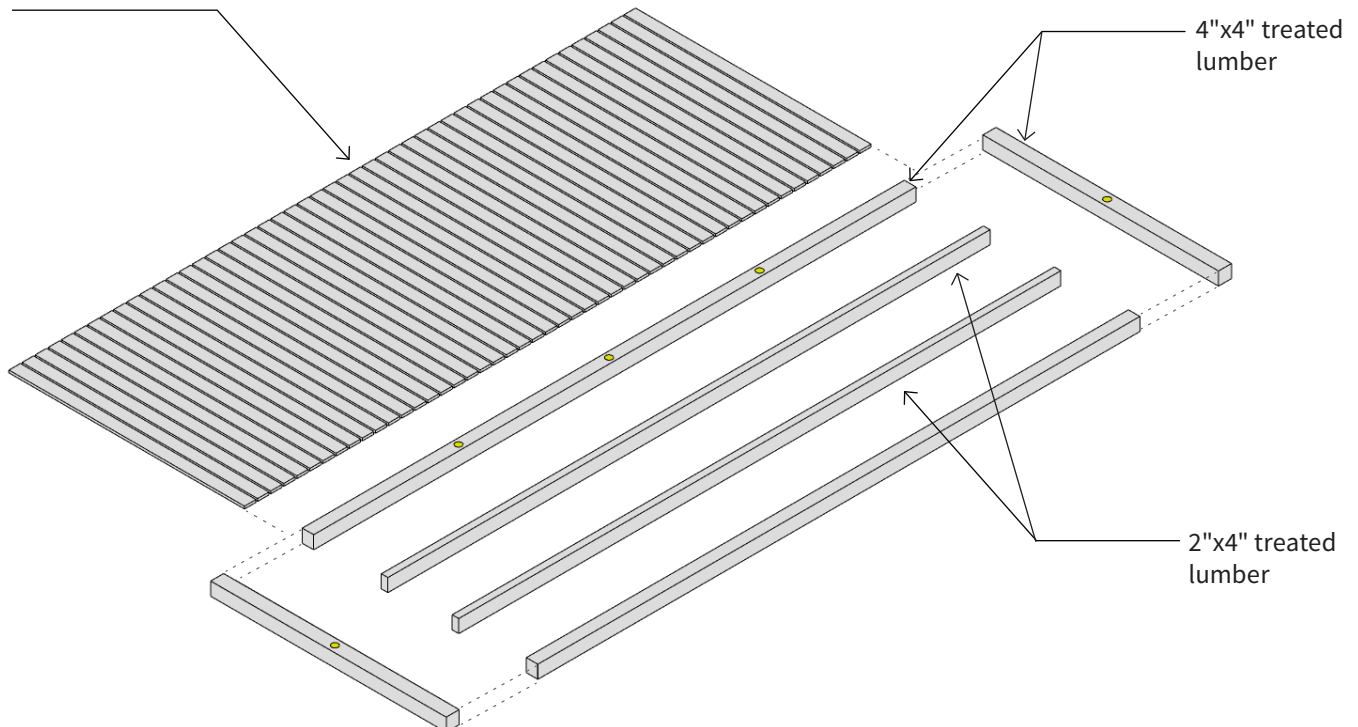
The base platform is shown here constructed as one piece, though the operator may choose to construct it in several smaller pieces to for ease of transportation, removal, and storage.

The base platform dimensions used in this example are 16 feet long x 6 feet deep. These dimensions are based on typical 7 foot x 20 foot parallel parking spaces as a minimum dimension. Some parking spaces are larger than this.

Measure the spaces where you intend to place your streateries and use the guidelines in the preceding chapters to determine the allowable dimensions.



3/4" composite wood decking,
treated lumber, or painted
plywood

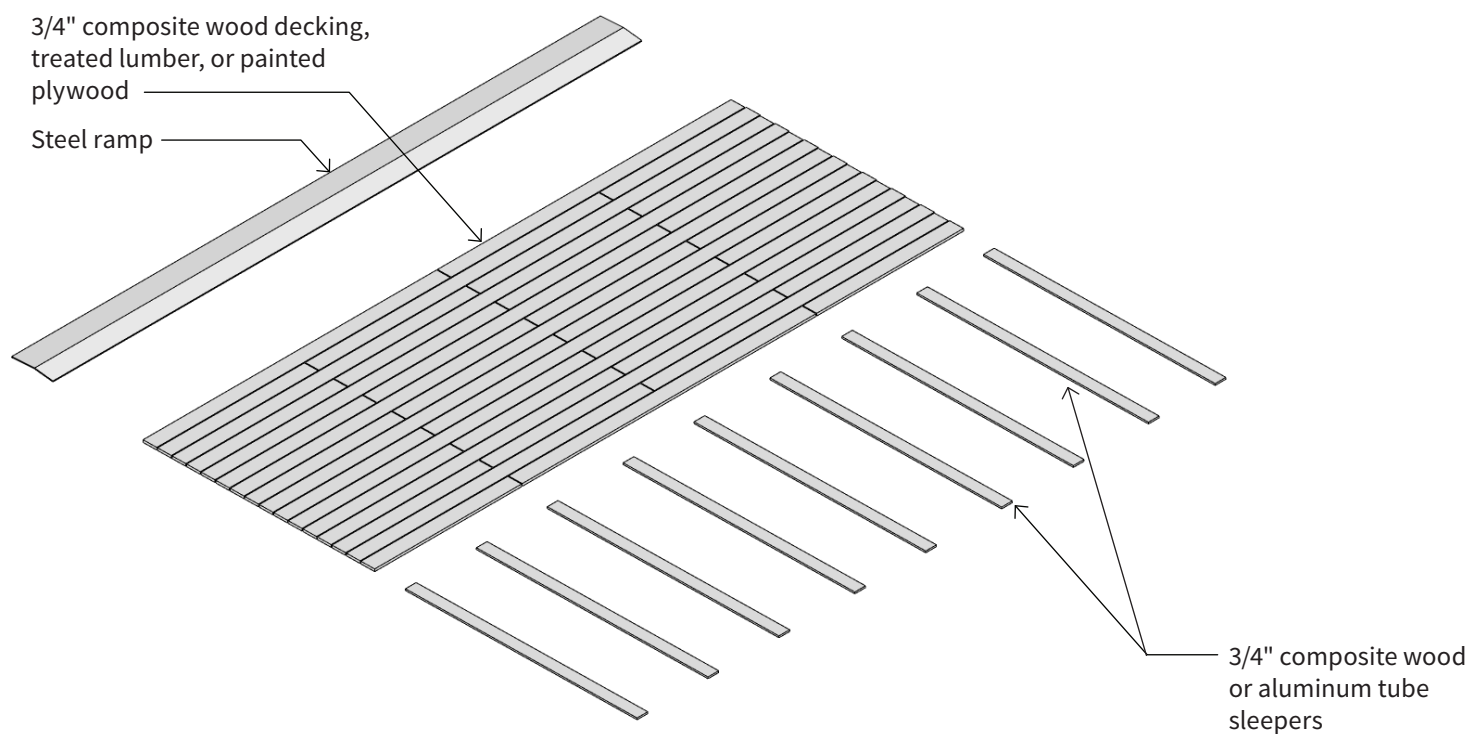
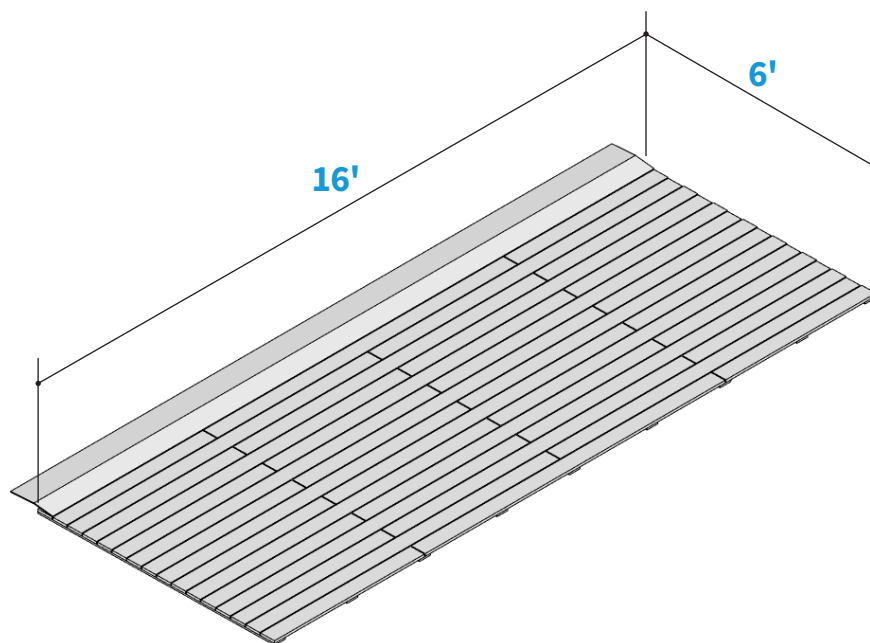


Low-Curb Platform Assembly

Some areas of Downtown have very low curbs, as seen in the photo below. These curbs are typically 1" - 1 1/2" in height. This alternate platform is designed to better align with these low curbs.

The base platform dimensions are the same as the typical platform, except that 3/4" sleepers are placed directly on the pavement, anchored in place, and the decking is then fastened to them.

Be careful to not block the gutter and use a steel ramp to bridge across the gap between the curb and the platform.



Platform Shopping List



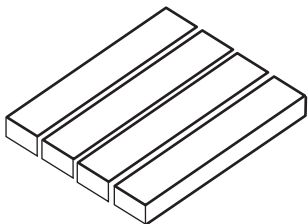
4" x 4" treated post

(2) 6' long
(2) 15' - 4" long



2" x 4" treated lumber

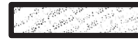
(2) 15' - 4" long



Decking

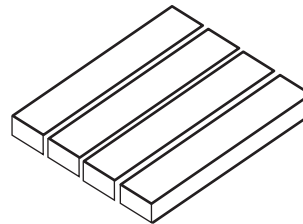
96 Square Feet

Low-Curb Platform Shopping List



1" x 4" composite wood

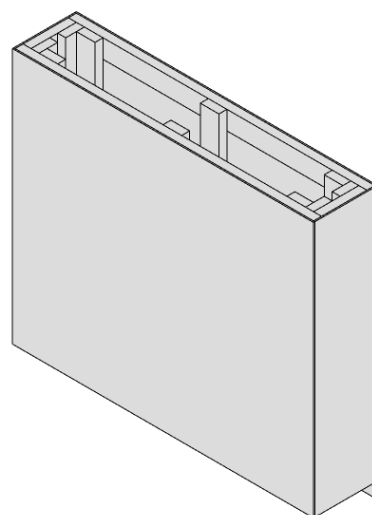
(9) 6' long



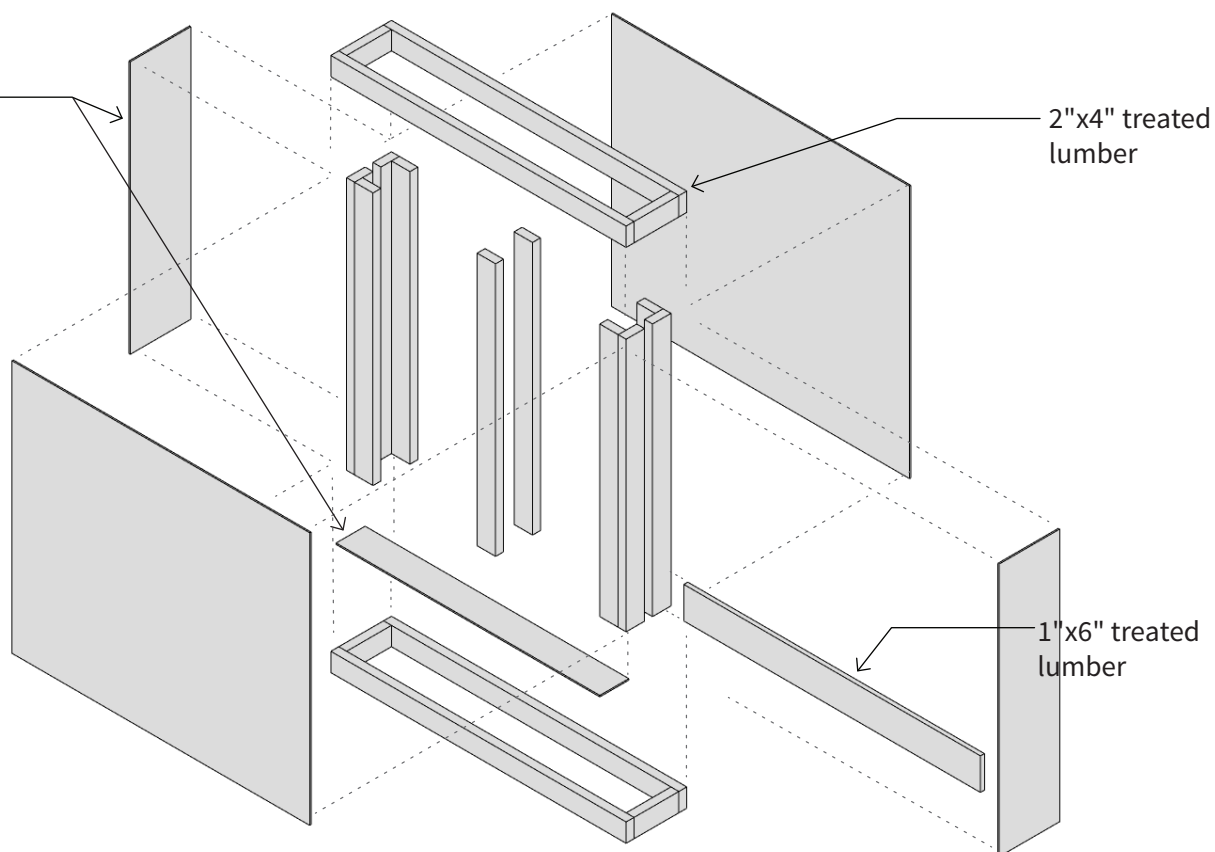
Decking

96 Square Feet

Planter Box Assembly



1/2" painted
plywood



2"x4" treated
lumber

1"x6" treated
lumber

Planter Box Shopping List



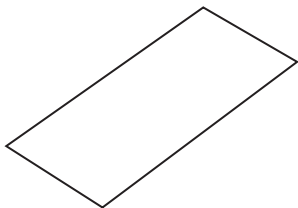
2" x 4" post

- (10) 4' - 0" long
- (4) 4' - 8" long
- (4) 0' - 8.5" long



1" x 6" post

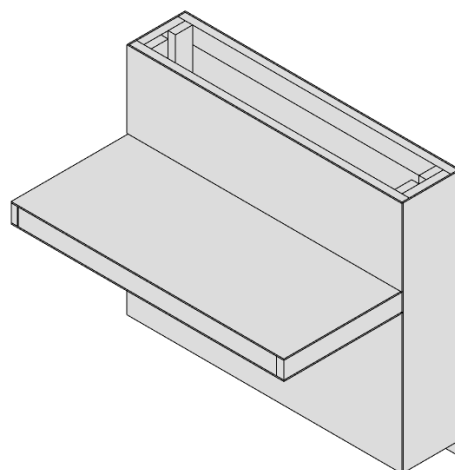
- (1) 4'-8" LONG



1/2" plywood

WIDTH	LENGTH
(2) 4'-0"	4'-8.5"
(2) 4'-0"	0'-11.5"
(1) 0'-5.5"	4'-2"

Planter Box Assembly with 18" deep counter



1/2" thick painted
plywood

2"x4" treated
lumber

1/2" thick
painted
plywood

1/2" thick painted
plywood

1"x6" treated
lumber

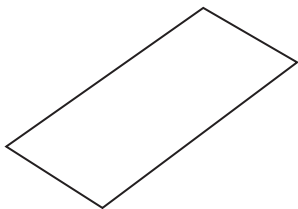
Planter box with 18" deep counter

Shopping List



2" x 4" treated lumber

- (2) 4' - 0" long
- (5) 4' - 8" long
- (4) 0' - 8.5" long
- (2) 2' - 4.25" long
- (2) 4' - 5" long
- (1) 1' - 4.25" long



1/2" plywood

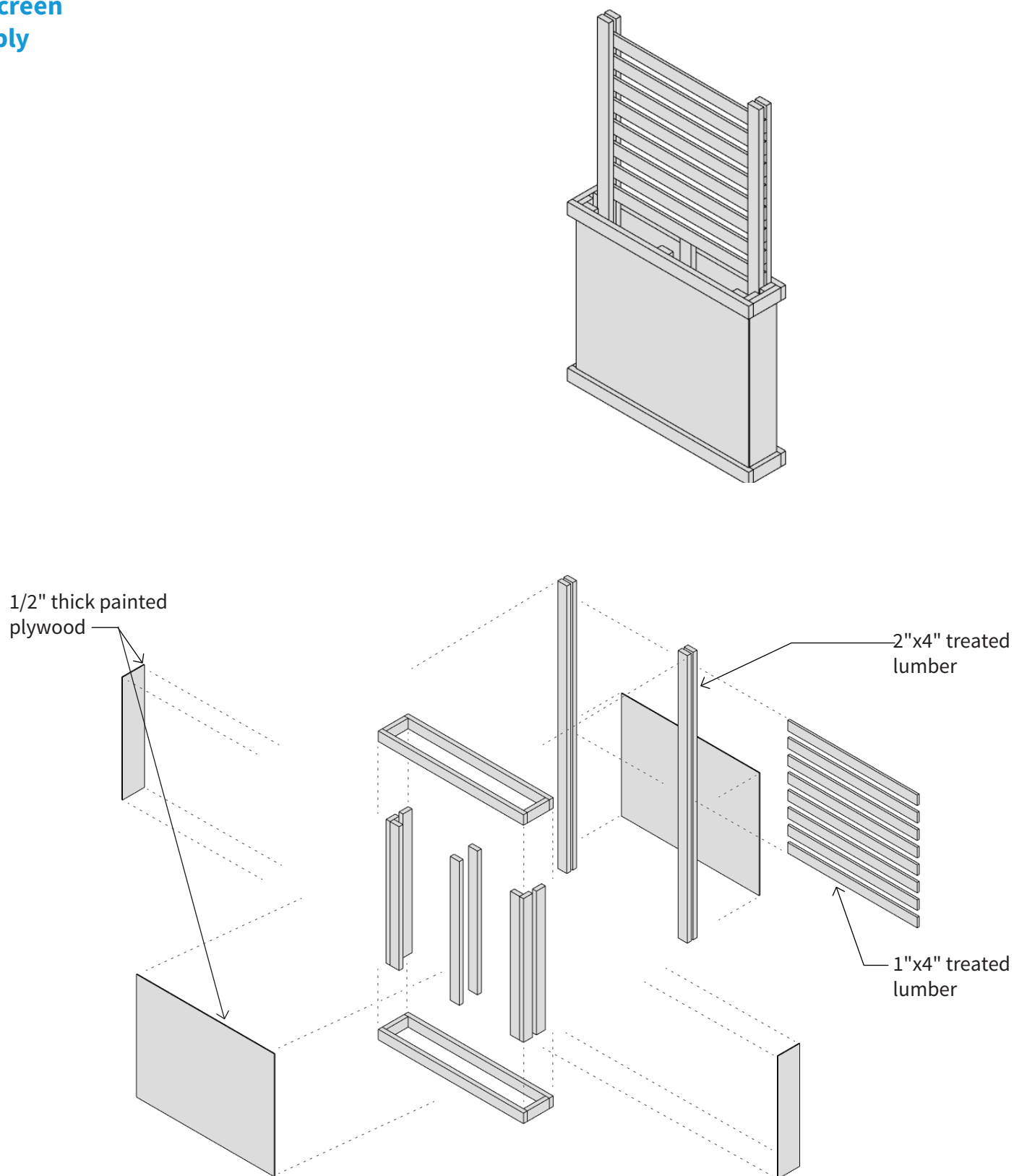
WIDTH	LENGTH
(1) 4'-8"	0'-11.5"
(1) 4'-8"	1'-6.25"
(1) 4'-0"	4'-8.5"
(2) 4'-0"	0'-11.5"
(1) 4'-8.5"	1'-3.75"
(1) 4'-8.5"	(2) 2'-4.5"
(1) 4'-8"	1'-6"



1" x 6" treated lumber

- (1) 4'-8" LONG

Wind Screen Assembly



Wind Screen
Shopping List



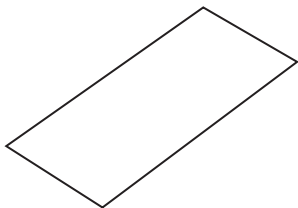
2" x 4" treated lumber

- (10) 4' - 0" long
- (4) 4' - 8" long
- (4) 0' - 8.5" long
- (4) 8' - 0" long



1" x 4" treated lumber

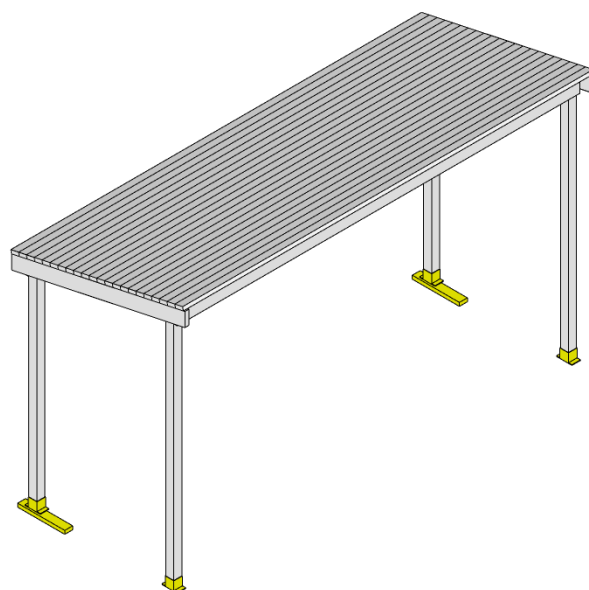
- (8) 4'-8" long



1/2" plywood

WIDTH	LENGTH
(2) 0'-8.5"	3'-5"
(2) 4'-5.25"	3'-5"

Roof Structure Assembly

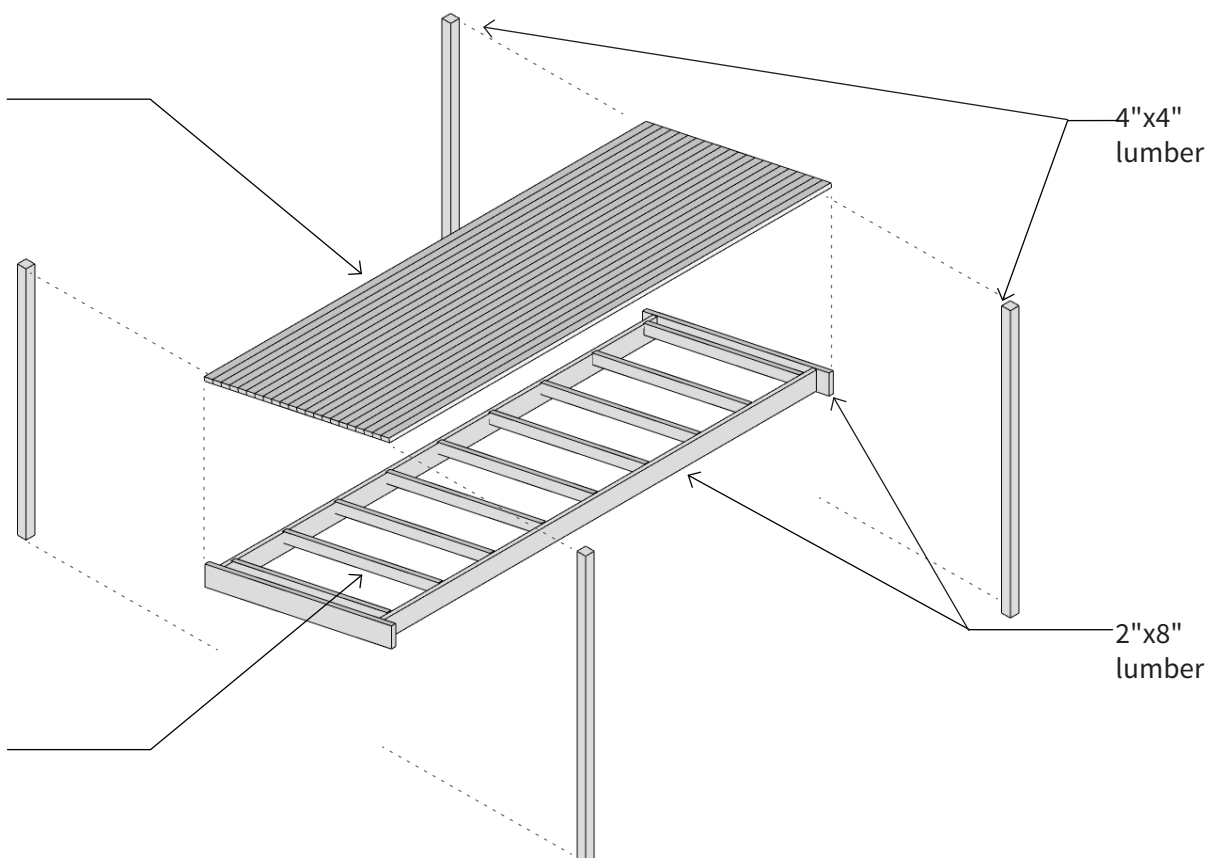


3/4" thick
composite
wood decking

4"x4"
lumber

2"x8"
lumber

2" x 4"
lumber



Roof Structure Shopping List



4" x 4" treated lumber

(2) 9' long
(2) 7' long



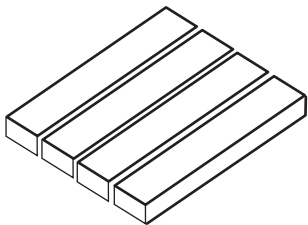
2" x 4" treated lumber

(8) 5' - 6" long



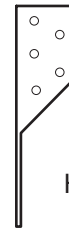
2" x 8" treated lumber

(2) 14' - 8.5" long
(2) 6' - 8" long



Roof Decking

97 Square Feet



Hurricane clips

(36)



Post Base

(4)

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