



LONGBOARD®  
INSPIRING FACADES

# TONGUE & GROOVE SOFFIT

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## INSTALLATION GUIDELINES

ERAL HOSPITAL

## 1. GENERAL

### 1.1. Product Description

Longboard® Tongue & Groove Soffit is an extruded aluminum vented\* or non-vented soffit system. Planks are available in standard lengths of 24' (7.3m) and widths/profiles of 4" V-Groove, 6" V-Groove and 6" Channel. Components are 12' (3.7m) lengths, used for end captures such as around the perimeter of the installation as well as around penetrations and openings.

\*Longboard 2-½" (63.5mm) V-Groove Perforated is used where venting is required (see appendix for Net Vent Area value).

### 1.2. Installation Considerations

Depth of system (measured from substrate to finished face):

Components = 9/16" (15mm) *\*this is the total depth of the system*

Planks = 1/2" (12mm)

Radiused soffits (eg: barrel vault): 15' (4.6m) minimum radius (contact Longboard for tighter radii details).

Longboard Products are not recommended for use on marine applications in direct contact with salt water.

### 1.3. Cutting

⚠ Always be sure to wear appropriate PPE: eye & hearing protection.

Use standard wood-cutting tools such as a Table Saw & Miter Saw with a carbide blade (60-80 tooth) for non-ferrous metals (aluminum), Jig Saw, Hole-Saw & drill for attachments.

Cut planks to the midpoint coverage area of components, to allow for expansion & contraction (see 1.4.1.). Trim the taped ends of all stock length material by 1/2" (12mm) each end and discard (see 1.5.).

### 1.4. Fastening

Components should be hard-fastened\* every 16" (406mm) O.C. directly through the flange.

*\*#8 pan-head self-drilling screws (not included) are recommended*

Planks & Starter are secured using Longboard Quick-Screen Clips (included for standard 32" (813mm) O.C.) fastened to the substrate with screws\*.

*\*#8 pan-head screws (not included) are recommended*

⚠ All fasteners should be suitable for exterior use and be compatible with the substrate type.

See Table 1 to adjust fastener spacings of Planks, to meet specific wind-loads.  
 See Table 2 for fastener spacing and location of Starter.

### Quick-Screen Clip Spacing - Wind-Load

**Table 1:** Maximum Tributary Area and Clip Spacing for Longboard Quick-Screen Clip

Maximum Factored Wind Load <sup>1</sup> (psf)	4 in. Wide Planks			6 in. Wide Planks		
	Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)	Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)
<b>Sheathed Wood-Frame Wall w/ 1.5 in. lg. #8 pan head wood screws</b>						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	222	37	6
+/- 50	179	45	4	179	30	6
+/- 60	149	37	4	149	25	6
+/- 70	128	32	4	128	21	6
<b>Sheathed Wood-Frame Wall w/ 2.0 in. lg. #8 pan head wood screws</b>						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	246	41	6
+/- 50	180	45	4	197	33	6
+/- 60	164	41	4	164	27	6
+/- 70	141	35	4	141	23	6

**Table 1 Cont'd:** Maximum Tributary Area and Clip Spacing for Longboard Quick-Screen Clip

Maximum Factored Wind Load <sup>1</sup> (psf)	4 in. Wide Planks			6 in. Wide Planks		
	Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)	Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)
<b>Sheathed 18ga. 33ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws</b>						
+/- 20	245	61	4	314	52	6
+/- 30	214	53	4	220	37	6
+/- 40	165	41	4	165	27	6
+/- 50	132	33	4	132	22	6
+/- 60	110	27	4	110	18	6
+/- 70	94	24	4	94	16	6
<b>Sheathed 16ga. 50ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws</b>						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	217	36	6
+/- 50	174	44	4	174	29	6
+/- 60	145	36	4	145	24	6
+/- 70	124	31	4	124	21	6

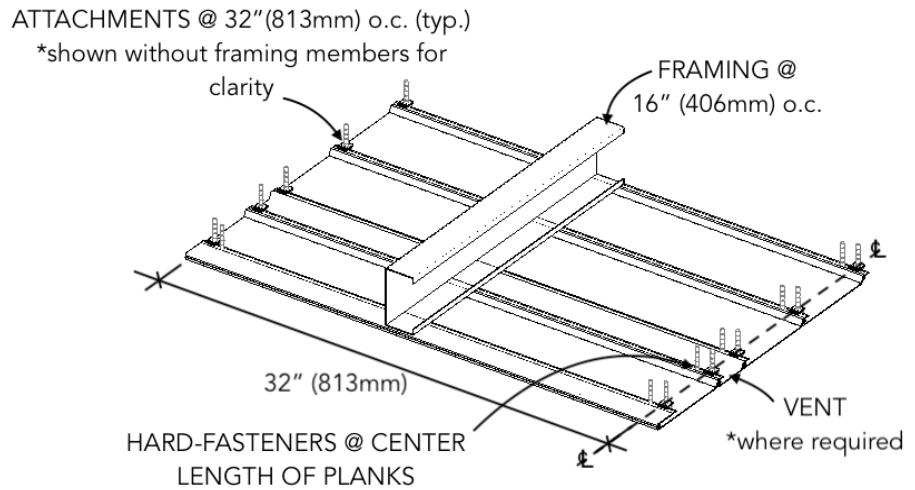
- <sup>1</sup> - Wind loads are three second gust basic wind speed based, and assume all height, directionally, exposure, topographic, pressure and gust effect coefficients have been applied.
- <sup>2</sup> - Spacing is from clip center to center
- <sup>3</sup> - Maximum vertical spacing limited by siding vertical dimension
- <sup>4</sup> - An unfastened dead load of 1.5 psf was assumed for the cladding.
- <sup>5</sup> - If fastening to every second stud, the attachment stud shall be staggered between adjacent runs of siding.
- <sup>6</sup> - The Starter Strip shall be fastened at 16 in. o.c. with #8 self-drilling screws into 18 ga. 33 ksi steel studs or 1.5 in. long #8 wood screws into wood studs (min. S-P-F grade). The Starter Strip shall be fastened at 32 in. o.c. with #8 self-drilling screws into 16 ga. 50 ksi steel studs or 2.0 in. long #8 wood screws into wood studs (min. S-P-F grade).

**Table 2:** Fastening Requirements Longboard Starter

Backing Wall/ Fastener	Maximum Factored Wind Load <sup>1</sup> (psf)	Siding Width (in)	Maximum Horizontal Screw Spacing (in)	Screw Location In Strip	Siding Width (in)	Maximum Horizontal Screw Spacing (in)	Screw Location In Strip
Wood Stud w/ #8 - 1.5in lg. screws	+/- 20	4	16	End	6	16	End
	+/- 30		16	End		16	End
	+/- 40		16	End		16	Middle
	+/- 50		16	End		16	Middle
	+/- 60		16	Middle		16	Middle
	+/- 70		16	Middle		16	Middle
Wood Stud w/ #8 - 2.0in lg. screws	+/- 20	4	32	End	6	32	End
	+/- 30		32	End		16	End
	+/- 40		32	End		16	End
	+/- 50		16	End		16	Middle
	+/- 60		16	End		16	Middle
	+/- 70		16	End		16	Middle
18ga 33ksi steel studs w/ #8 screws	+/- 20	4	16	End	6	16	End
	+/- 30		16	End		16	Middle
	+/- 40		16	Middle		16	Middle
	+/- 50		16	Middle		16	Middle
	+/- 60		16	Middle		16	Middle
	+/- 70		16	Middle		16	Middle
16ga 50ksi steel studs w/ #8 screws	+/- 20	4	32	End	6	32	End
	+/- 30		32	End		16	End
	+/- 40		16	End		16	End
	+/- 50		16	End		16	Middle
	+/- 60		16	End		16	Middle
	+/- 70		16	End		16	Middle

Quick-Screen Clips allow for free movement of the planks, to expand & contract during thermal changes (see 1.4.1.).

**TIP!** It is good practice to hard-fasten each plank directly through the flange, near the center of each length to keep the planks from migrating.



**!** If installing with staggered butt-joints, hard-fasten the two planks at the butt-joint to ensure joints do not open up (see Detail A&B). Fasteners should be anchored into a solid secure framing member, blocking, furring strip or backer plate\* etc. (\*see Detail B). Use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.

DO NOT hard fasten more than one (1) location per plank:

Butt-joints: at the joints

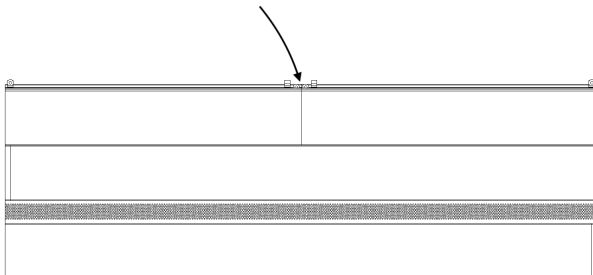
No butt-joints: center of planks

DO NOT install more than one (1) butt-joint between two components

DO NOT hard fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component

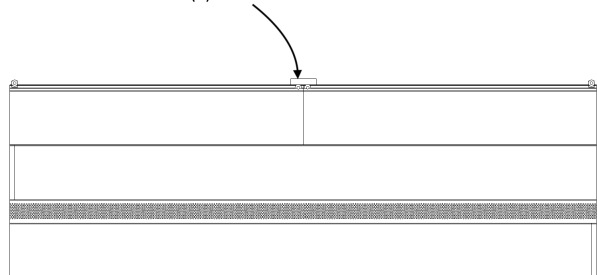
**Detail A:**

HARD FASTENERS PLACED AT ENDS OF EACH OF THE TWO (2) PLANKS, SECURED INTO SOLID SECURE FRAMING OR BLOCKING ETC.



**Detail B:**

STARTER SPANNING BUTT-JOINT AS BACKER. HARD FASTENERS PLACED AT EACH END OF THE TWO (2) PLANKS





### 1.4.1. Expansion & Contraction

Planks & Components expand & contract 1/4" (6mm) over 24' (7.3m) in all directions, measured over a 30°C (54°F) temperature range. The following expansion components should be installed every:

24' (7.3m)\*: Traditional Flat Reveal Set, Traditional U-Reveal Set

\*40' (12.2m) max. where staggered butt-joints are used

12' (3.7m): Craftsman U-Reveal Set

6' 8" (2m): Precision Flat Reveal

Each plank must terminate into a minimum of one (1) component to allow for expansion & contraction.

See **3. System Installation** for layout details and tables below for expansion/contraction calculations per foot/meter of material.

TABLE 1 - IMPERIAL

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	°F	EXPANSION OR CONTRACTION (INCH/FOOT)										
	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
	0	32	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014
	10	50	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011
	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
	30	86	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
	40	104	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
	50	122	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000

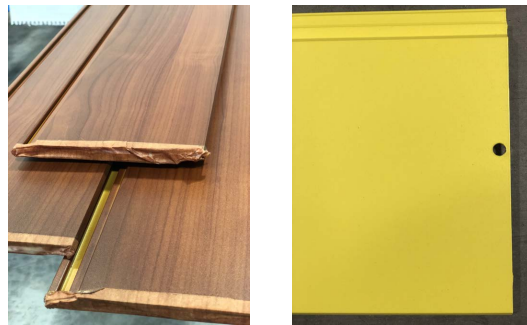
TABLE 2 - METRIC

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	°F	EXPANSION OR CONTRACTION (MM/METER)										
	-50	-58	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070	-2.300
	-40	-40	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070
	-30	-22	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840
	-20	-4	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610
	-10	14	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380
	0	32	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150
	10	50	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920
	20	68	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690
	30	86	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460
	40	104	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230
	50	122	2.300	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000

### 1.5. Surface Finish

The Longboard T&G Soffit system is available in a range of Woodgrain, Solid & Specialty Finishes with custom\* solid colors available upon request. *\*Additional lead times apply*  
Longboard Woodgrains have a repeat pattern, shipped in sets mated back-to-back in each box. Install these as they come out of the box, as an A&B pattern staggering each plank approx. 1-2' (305-610mm) from the previous plank to achieve a random pattern aesthetic.

All Longboard Products are produced 1" (25mm) oversized, as one end is hole-punched (all finishes) and both ends have 1/2" (12mm) of masking tape (woodgrains only) which must be cut off for best results.



### 1.6. Material Ordering & Delivery

Planks are sold in box quantities:

6" V-Groove & 6" Channel: 96 SQ FT/Box (8/24's) w. 90pcs Quick-Screen Clips included\*

4" V-Groove: 96 SQ FT/Box (12/24's) w. 135 Quick-Screen Clips included\*

(\*for 32" (813mm) o.c. attachment)

Components are sold individually by the 12' (3.7m) length.

Lead time is 3-6 business days\* + shipping (*\*subject to change*), delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.

**⚠** Always inspect the delivery for damage and contact LB ASAP if there are any issues: [info@longboardproducts.com](mailto:info@longboardproducts.com) or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

### 1.7. Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed. Ensure proper care when handling, to avoid damage on site.

## **2. FRAMING REQUIREMENTS**

### **2.1. General**

Always consult the local building authority and follow local building code requirements.

### **2.2. Load Capacity**

The Longboard T&G Soffit system weighs approx. 1.5lbs/sq.ft. *\*see section drawings for individual item weights.*

#### **2.3.1. Wood-Framing**

Traditional soffit framing at 16" O.C. (406mm) with or without solid secure blocking\* running perpendicular to the plank orientation.

*\*typically required for perpendicular soffit applications*

#### **2.3.2. Metal Framing**

18ga. (minimum)(see 1.4.Table 1) galvanized steel framing at 16" O.C. (406mm).

#### **2.3.3. Concrete**

Wood or metal furring strips (see 2.3.1. and 2.3.2. for standard requirements).

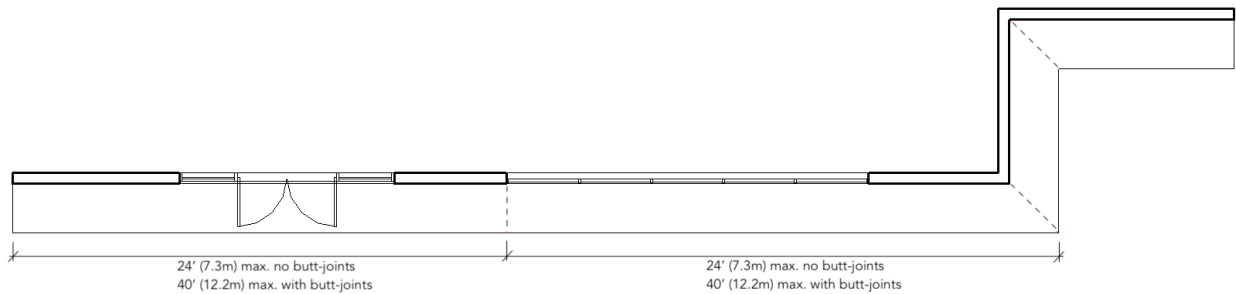
### **2.4. Framing Layout**

Provide solid secure framing and/or blocking at 16" O.C. (406mm) for material support and attachment at 32" (813mm) O.C. (standard requirements). Where reveal trims are used; ensure all components land on a stud, blocking or 5/8" (16mm) wood sheathing is used.

### 3. SYSTEM INSTALLATION

#### 3.1. Layout

Measure and layout your soffit area to consider plank & component alignment with fixtures, penetrations and adjacent walls, for the desired appearance. Understand and follow the rules for expansion components: Traditional Flat Reveal Set, Traditional U-Reveal Set, Craftsman U-Reveal Set, Precision Flat Reveal and place these accordingly (see appendix). (Traditional Components used for illustrative purposes).



#### 3.2. Component Installation

It is good practice to leave a 1/4" (6mm) gap between every 2nd joint or 24' (7.3m) of all components, to allow for expansion & contraction. Consider the preferred joints where components meet each other, to dictate which component is installed first (eg: right angle butt joints, mitered joints etc.).

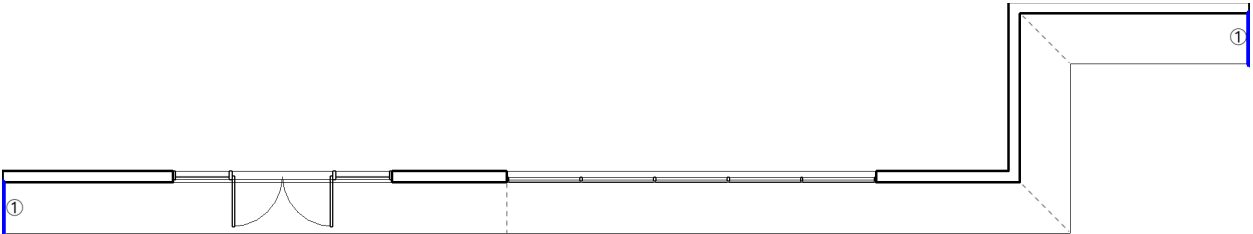
*\*see Appendix for material details or website for full info section drawings.*



**3.3. PARALLEL TO BUILDING (for perpendicular installs, see 3.4.)**

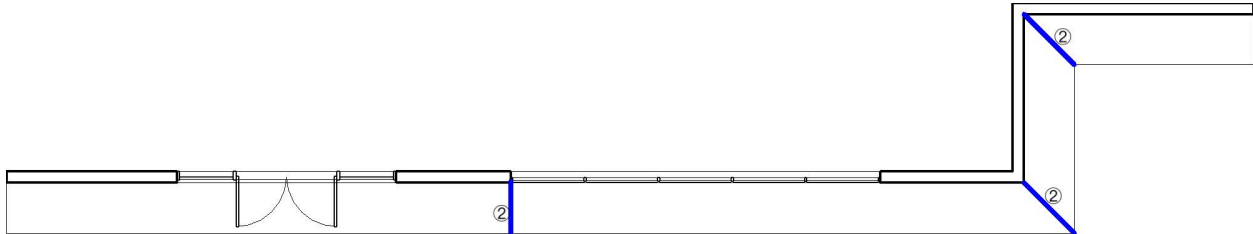
**3.3.① PARA. - J-Track/Two Piece J-Track**

Install J-Track or Two Piece J-Track where perpendicular to the plank orientation.



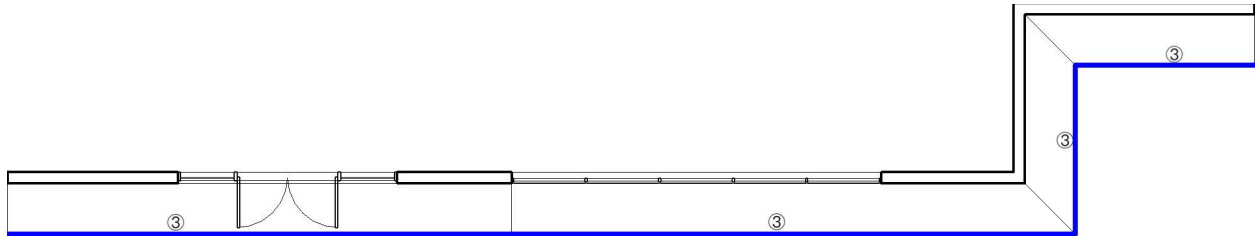
**3.3.② PARA. - Expansion Reveal**

For soffit areas greater than 24' (7.3m) long (no butt-joints) or 40' (12.2m) long (with staggered butt-joints) and where the soffit changes direction, install the Base for the Traditional Flat Reveal Set/Traditional U-Reveal Set. Where using the Craftsman U-Reveal Set, install this component every 12' (3.7m). Where using the Precision Flat Reveal, install this component every 6' 8" (2m). Ensure the Base is landing on a solid substrate sufficient to hold the fasteners.



### 3.3.③ PARA. - Starter/Starter J-Track

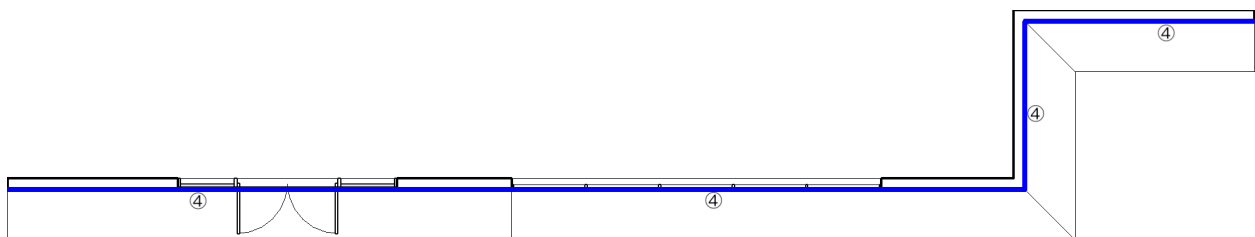
Install Starter or Starter J-Track along the outside perimeter edge of the soffit area(s), where parallel to the planks.



### 3.3.④ PARA. - Termination Set

Install the Termination Set (base only) along the end terminations where parallel to the planks, typically where the soffit meets the building.

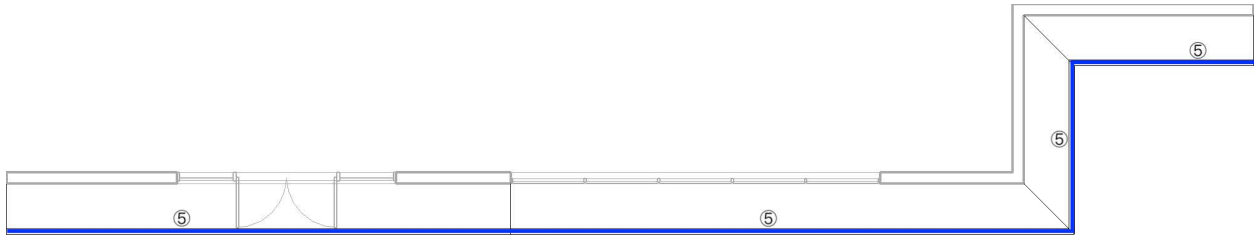
⚠ This component may not be needed, if the soffit is installed before the wall finish and can have the ripped edge of the soffit concealed by the wall finish.



### 3.3.⑤ PARA. - Planks

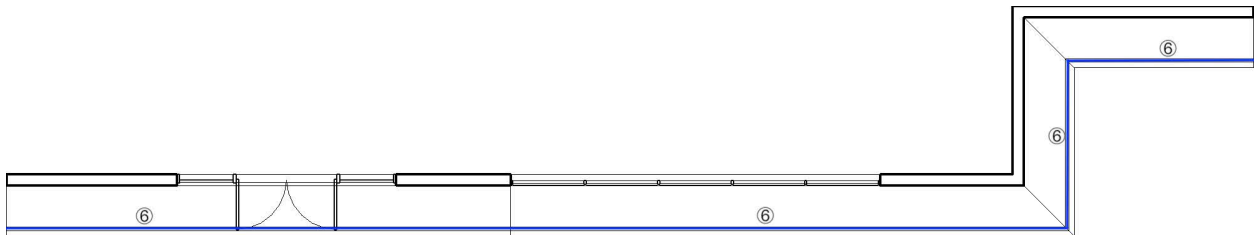
Install the first row of planks, engaging with the tongue of the Starter or Starter J-Track. Check for an aligned/square & flat installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies. Cut outs for recessed lighting and similar devices can be made using a bi-metal hole saw or jigsaw, finished by using the trim rings supplied with the fixture(s).

**TIP!** It is good practice to check your installation every 2-3 rows for alignment/flat/straight, for best results.



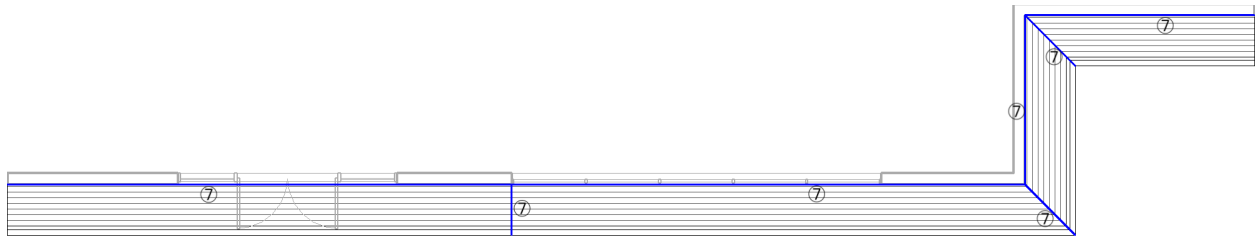
### 3.3.⑥ PARA. - Soffit Venting\* (\*where required)

Install 2-½" (63.5mm) V-Groove Perforated\*\* where venting is required by code or building requirements, and where the air flow is not obstructed by framing or other elements above. Some designs may require more than one row of vent to meet net vent area (NVA) needs. Continue with Plank installation. \*\*see appendix for NVA values



### 3.3. ⑦ PARA. - Component Caps

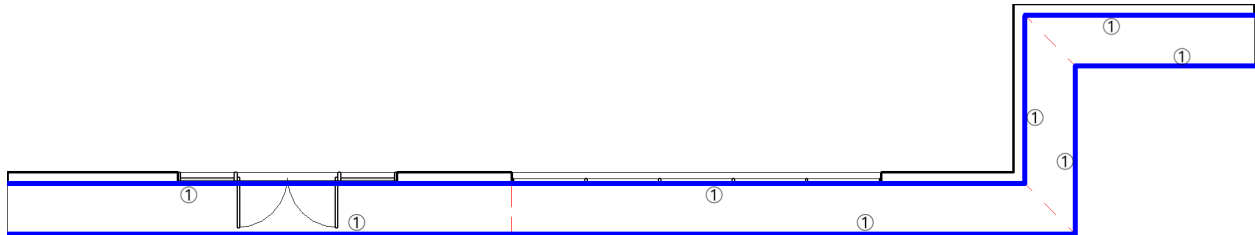
Install all caps: Flat Reveal Set, U-Reveal Set, Two Piece J-Track, Termination Set. Use a rubber mallet, hammer and block etc. to protect the finish during this process.



### 3.4. PERPENDICULAR TO BUILDING (for parallel installs, see 3.3.)

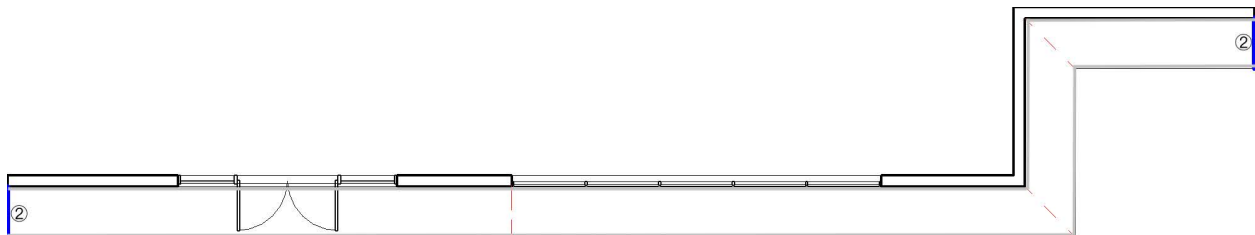
#### 3.4.①PERP. - J-Track/Two Piece J-Track

Install J-Track or Two Piece J-Track where perpendicular to the plank orientation.



#### 3.4.②PERP. - Termination Set

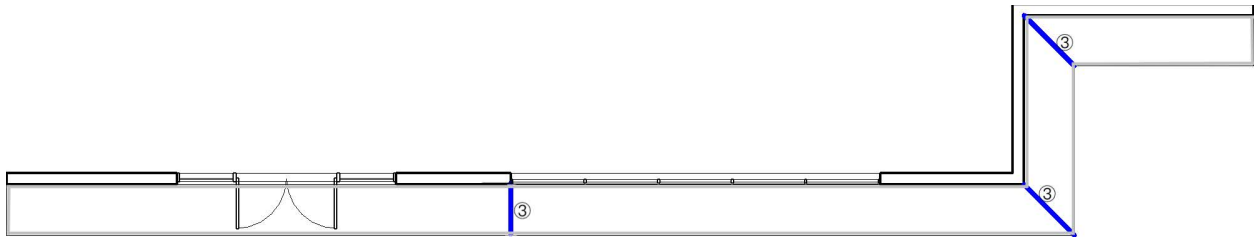
Install the Termination Set (base only) along the end terminations where parallel to the planks.





### 3.4.③ PERP. - Expansion Reveal

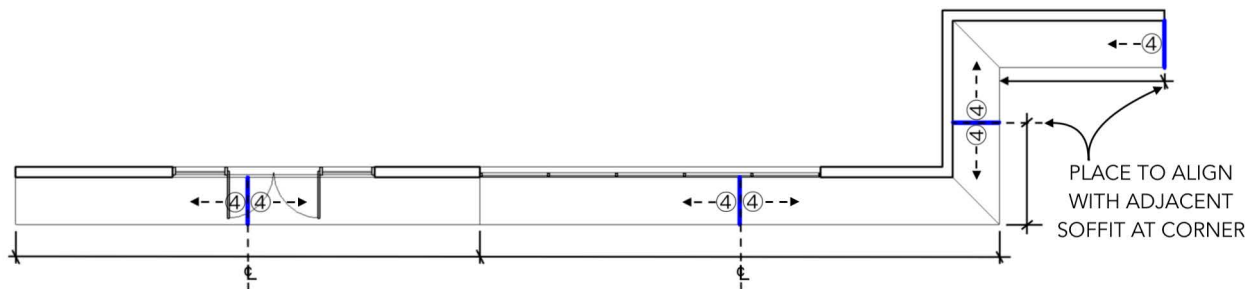
For soffit areas greater than 24' (7.3m) and where the soffit changes direction, install the Base for the Traditional Flat Reveal Set/Traditional U-Reveal Set. Where using the Craftsman U-Reveal Set, install this component every 12' (3.7m). Ensure the Base is landing on a solid substrate sufficient to hold the fasteners.



### 3.4.④ PERP. - Starter

Install Starter where it is ideal to begin the installation of Planks. Typically, place two (2) Starters back-to-back in the center of each soffit area (for equal width planks at each end) or one (1) Starter or Starter J-Track at one end of the installation.

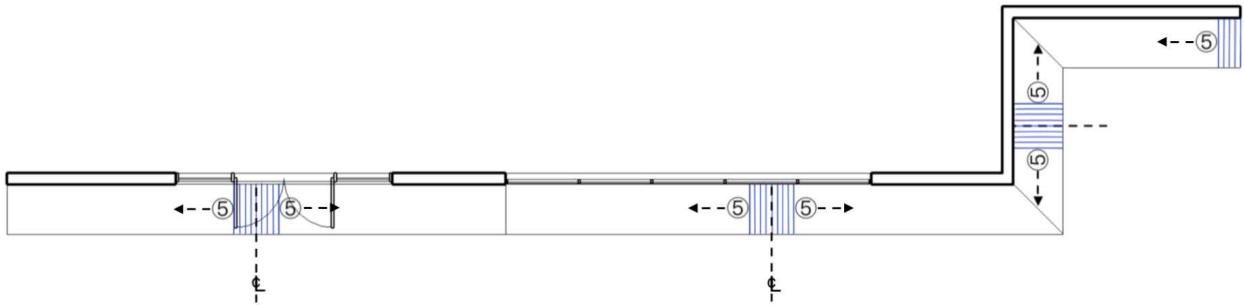
⚠ If using 6" Channel Planks, you cannot use the Starter back-to-back technique as the direction of the planks will be noticeable, due to the profile.



### 3.4.⑤ PERP. - Planks

Install the first row of planks, engaging with the tongue of the Starter. Check for an aligned/square & flat installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies.

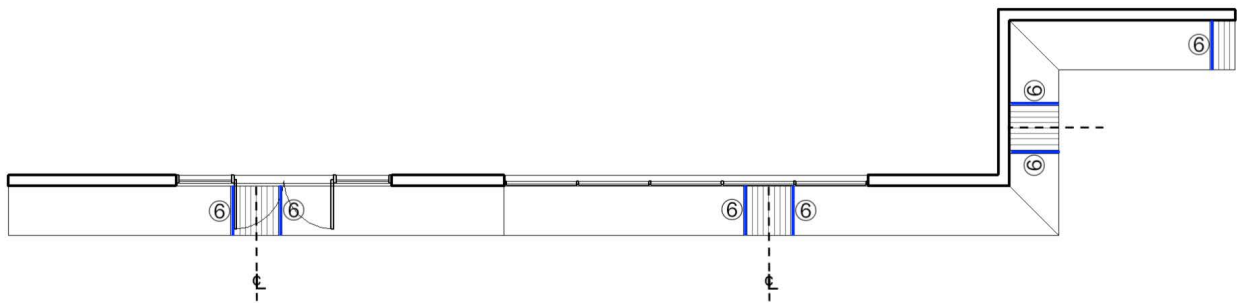
**TIP!** It is good practice to check your installation every 2-3 rows for alignment/flat/straight, for best results.



### 3.4.⑥ PERP. - Soffit Venting\* (\*where required)

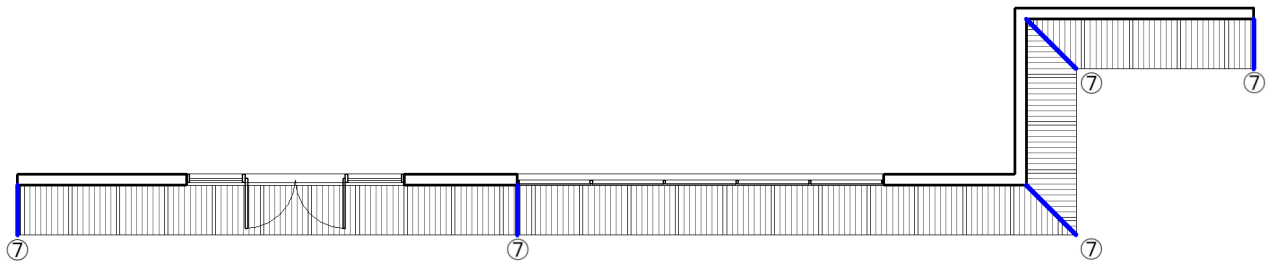
Install 2-1/2" (63.5mm) V-Groove Perforated\*\* where venting is required by code or building requirements, and where the air flow is not obstructed by framing or other elements above. Continue with Plank installation until the next required row of Vent and repeat.

\*\*see appendix for net vent area values



### 3.4. ⑦ PERP. - Component Caps

Install all caps: Flat Reveal Set, U-Reveal Set, Two Piece J-Track, Termination Set. Use a rubber mallet, hammer and block etc. to protect the finish during this process.



#### 4. Cleaning Recommendations


*\*see Cleaning Guide for full requirements*

[longboardproducts.com](http://longboardproducts.com)

While Longboard finishes require zero maintenance, we do recommend periodic cleaning to keep the product looking its best. Our finish is tested to withstand corrosion, fading and normal wear, however, neglect and rough conditions could have negative effects on the surface finish. These effects will not negate the structural performance of the product, but prolonged exposure to these conditions may result in permanent markings or surface damage.

Cleaning should be done in mild weather, and never in direct sunlight. Always complete a test patch on an inconspicuous area to ensure your detergent is suitable for the surface.

Your Longboard products should be cleaned immediately after installation. This is to remove any construction soils such as oils or dust. How to complete this initial cleaning depends on the level of dirt and the nature of the soil. See the cleaning guide for our suggestions based on soil level. Basic methods use a combination of moderate water pressure, soft sponge/brush and a mild detergent.


 NEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides or any other compound that is known to react with metal.

Always follow the product instructions for dilution. Cleaning the surface with a cleanser that is not diluted may result in damage to the coating.


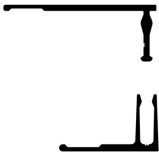


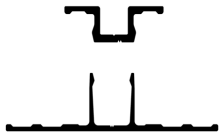
#### 5. WARRANTY

Upon substantial completion of the project, register for warranty online here:





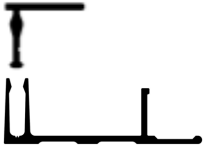
[longboardproducts.com/warranty](http://longboardproducts.com/warranty)







 Registration is required for the warranty to be in effect.

# APPENDIX

INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
① PARA. & PERP.		PRECISION J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS AROUND PENETRATIONS & END CONDITIONS
① PARA. & PERP. ⑦ PARA. & PERP.		TRADITIONAL TWO PIECE J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT. 24' (7.3m) MAX*. BETWEEN COMPONENTS. *40' (12.2m) max. where staggered butt-joints are used
① PARA. & PERP. ⑦ PARA. & PERP.		PRECISION TWO PIECE J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT. 6' 8" (2m) MAX. BETWEEN COMPONENTS.
② PARA. ③ PERP. ⑦ PARA. & PERP.		TRADITIONAL U-REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 24' (7.3m) MAX*. BETWEEN COMPONENTS. *40' (12.2m) max. where staggered butt-joints are used
② PARA. ③ PERP. ⑦ PARA. & PERP.		CRAFTSMAN U-REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 12' (3.7m) MAX*. BETWEEN COMPONENTS.



INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
②PARA. ③PERP. ⑦PARA. & PERP.		TRADITIONAL FLAT REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 24' (7.3m) MAX*. BETWEEN COMPONENTS. *40' (12.2m) max. where staggered butt-joints are used
②PARA.		PRECISION FLAT REVEAL, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS (parallel soffit only) AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 6' 8" (2m) MAX. BETWEEN COMPONENTS. BUTT-JOINTS IN PLANKS SHOULD <b>NOT</b> BE USED.
③PARA. ④PERP.		STARTER, 12' (3.7m) LENGTHS, MILL FINISH (RAW ALUMINUM), WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO THE STARTING PLANK
②PERP. ④PARA. ⑦PARA. & PERP.		TRADITIONAL TERMINATION SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT
②PERP. ④PARA. ⑦PARA. & PERP.		PRECISION TERMINATION SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT

INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
③ PARA. ④ PERP. ⑤ PARA. & PERP. ⑥ PARA. & PERP.		QUICK-SCREEN CLIP, 316 STAINLESS STEEL	PLANK, STARTER & VENT ATTACHMENT CLIP (USE #8 SCREW, SUPPLIED BY OTHERS)
⑤ PARA. & PERP.		4" V-GROOVE SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑤ PARA. & PERP.		6" V-GROOVE SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑤ PARA. & PERP.		6" CHANNEL SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑥ PARA. & PERP.		2-1/2" (63.5mm) V-Groove Perforated, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID, PROVIDES NET VENT AREA OF 84 SQ IN (541.9 SQ CM) PER 12' (3.7M) OR 23.33% OPEN	PARALLEL & PERPENDICULAR SOFFIT VENT STRIP, USED WHERE VENTING REQUIRED BY CODE OR BUILDING REQUIREMENTS
		PAINT PEN, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	USED AT EXPOSED CUT ENDS (EG: COMPONENT ENDS AND BUTT-JOINTS)

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