

COMMERCIAL PRODUCT CATALOG

TURNSTILE CANOPY COVERS

INTRODUCTION
PAGES 1-3

STRUCTURAL COMPONENTS
PAGES 4-7

DECORATIVE COMPONENTS
PAGE 8

ROLL FORMED DECKING
PAGES 9-10

EXTRUDED DECKING
PAGES 11-14

INSULATED ROOF PANELS
PAGE 15

COLUMNS / POSTS
PAGE 16-17

BEAMS
PAGE 18

OVERHEAD SUPPORTS
PAGE 19-22

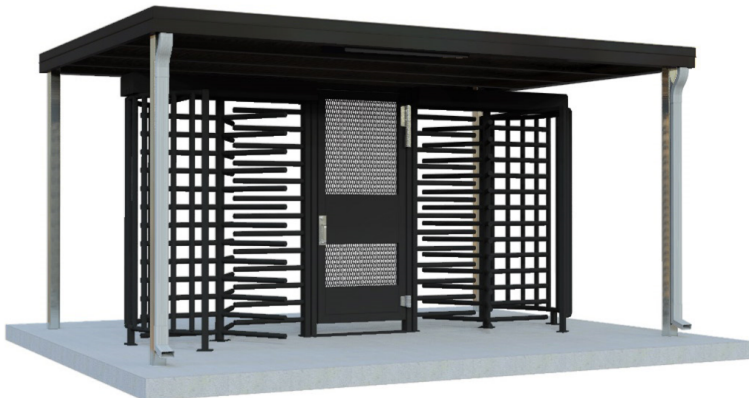
Turnstile Canopy Shelters

www.TURNSTILES.us offers a complete line of extruded & roll formed canopies & walkway covers.

Extruded systems are available in both painted & anodized finishes to harmonize with the widest range of architectural designs. Roll formed components are manufactured from only the highest quality, tested materials. Roll formed canopies are an economical alternative to extruded covers.

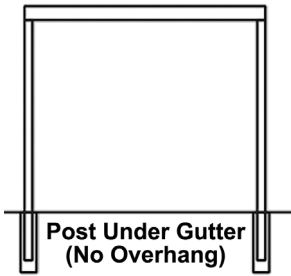
Canopies are available in several configurations, and we offer options to add enclosed walls, partitions, doors, and more.

Detailed shop drawings, bearing the seal of a Registered Engineer, are provided when required.

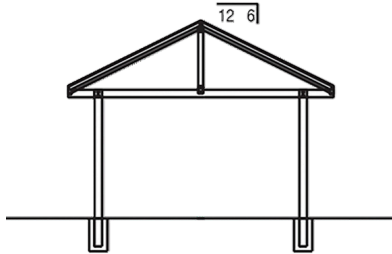


CONFIGURATIONS

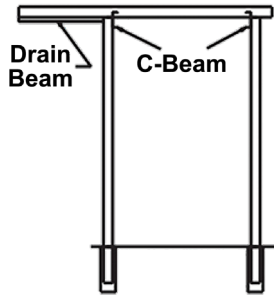
STANDARD



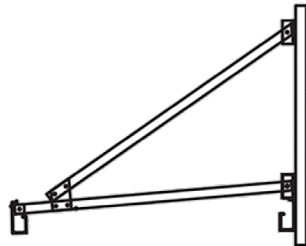
GABLE CANOPY



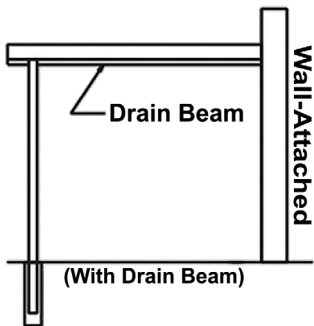
BUS CANOPY



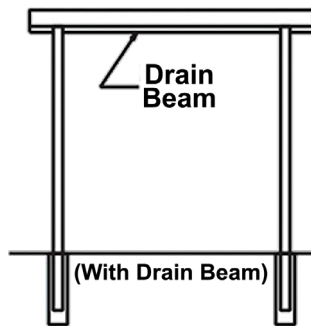
OVERHEAD SUPPORT



SINGLE OVERHANG



DOUBLE OVERHANG

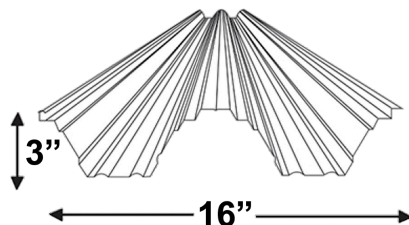


SERVICE, QUALITY & VALUE

ROLL FORMED DECKING / PANELS

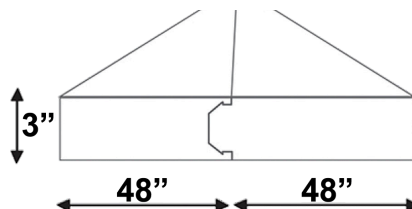
16" x 3" W-PAN

Roll formed aluminum W-Pans provide maximum coverage per dollar. Available in .025 & .032 metal thickness for spans to 14'1" at 20 p.s.f. live load, & L/60 deflection.



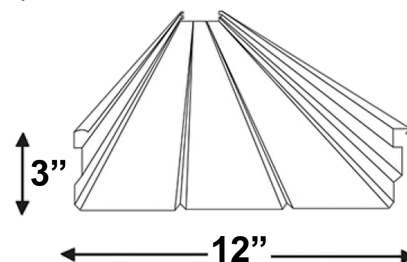
INSULATED ROOF PANEL

Stucco embossed .024 aluminum skin laminated to expanded polystyrene core for 2", 3", 4" or 6" thick panels.



12" x 3" FLAT PAN

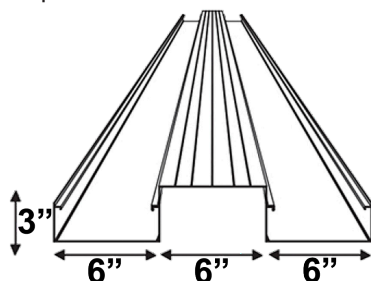
Roll formed aluminum Flat Pans provide smooth underside. Available in .025 & .032 metal thickness for spans to 12'1" at 20 p.s.f. live load, & L/60 deflection.



EXTRUDED DECKING

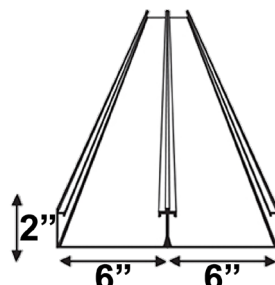
ECONO DECKING

.062 6063-T6 extruded aluminum decking sections offer maximum economy for spans to 14'8" at 20 p.s.f. live load L/60 deflection.



.062 FLUSH DECKING - 2"

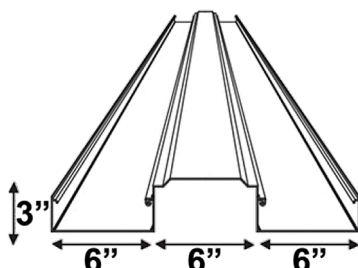
.062 6063-T6 extruded aluminum decking sections offer maximum economy for spans to 14'8" at 20 p.s.f. live load L/60 deflection.



LONG SPAN DECKING

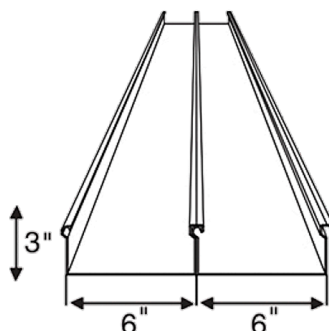
.075 6063-T6 extruded aluminum decking sections allow increased column of bent spacing for spans to 20'0" at 20 p.s.f. live load, limiting deflection to L/60.

Ref: #95131 Compliance Report

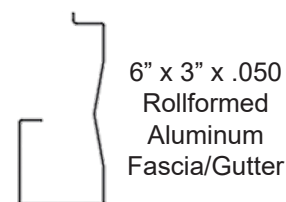


.078 FLUSH DECKING - 3"

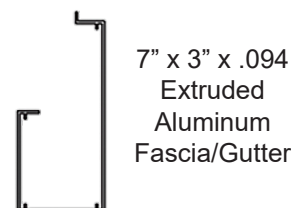
.078 6063-T6 extruded aluminum decking sections provide smooth underside to decking system for spans to 14'9" at 20 p.s.f. live load & L/60 deflection.



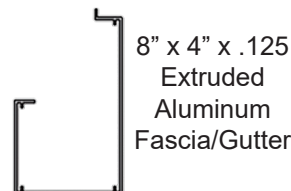
STRUCTURAL COMPONENTS



6" x 3" x .050
Rollformed
Aluminum
Fascia/Gutter



7" x 3" x .094
Extruded
Aluminum
Fascia/Gutter



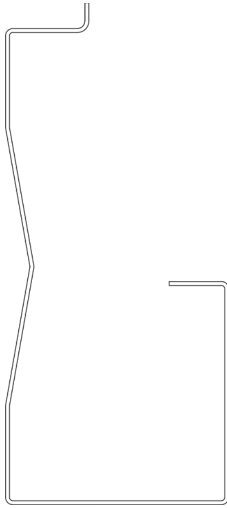
8" x 4" x .125
Extruded
Aluminum
Fascia/Gutter

Application Drawings
available upon request.

Canopies are fully engineered to comply
with all building codes.

Specifications subject to
change without notice.
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STRUCTURAL COMPONENTS



6" x 3" ROLL-FORMED FASCIA/GUTTER

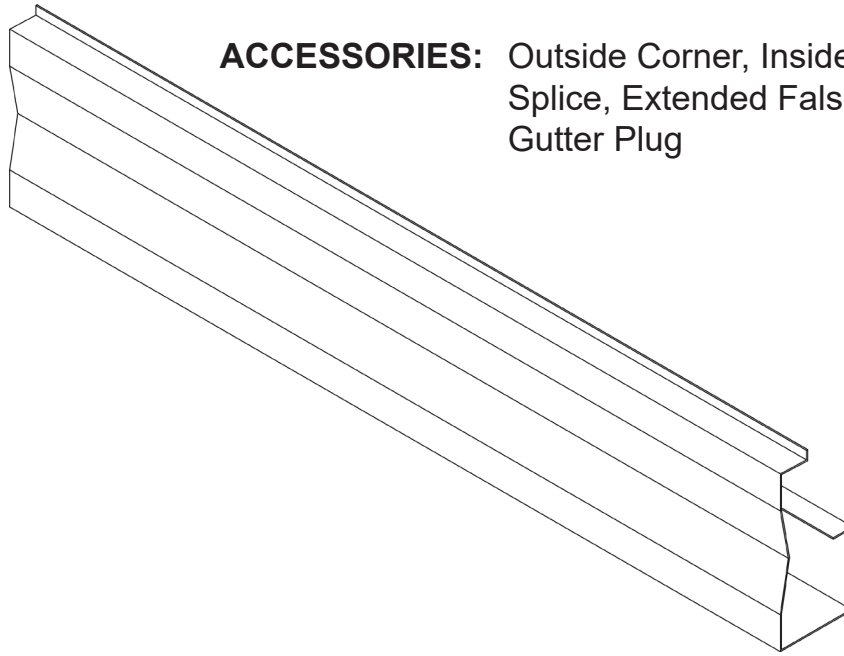
DESCRIPTION: Roll-formed to a height of 6" & a width of 2 13/16" from aluminum alloy 3005-H28 with a thickness of .050 & combines a decorative fascia with a water-carrying gutter. Since it is square cut & inserted into a preformed corner, it is easily field-adjusted.

COLORS: Black, Bronze, Ivory & White

LENGTHS: 20', 24' & 30'

SIZES: 6" x 2 13/16"

ACCESSORIES: Outside Corner, Inside Corner, Splice, Extended False Fascia, Gutter Plug



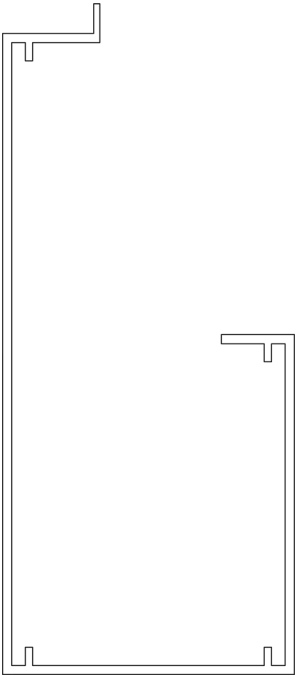
SPAN CHART

	4'	5'	6'	7'	8'	9'	10'	11'	12'
	(CANOPY PROJECTION)								
<u>10 PSF</u>	17'10"	15'2"	13'10"	12'10"	12'0"	11'4"	10'9"	10'3"	9'9"
<u>20 PSF</u>	12'4"	11'0"	10'0"	8'8"	8'8"	8'2"	7'9"	7'4"	8'1"
<u>30 PSF</u>	10'2"	9'1"	8'3"	7'1"	7'1"	6'9"	6'4"	6'1"	—
<u>40 PSF</u>	8'10"	7'10"	7'2"	6'2"	6'2"	5'10"	5'6"	—	—

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

STRUCTURAL COMPONENTS



7" x 3" EXTRUDED FASCIA/GUTTER

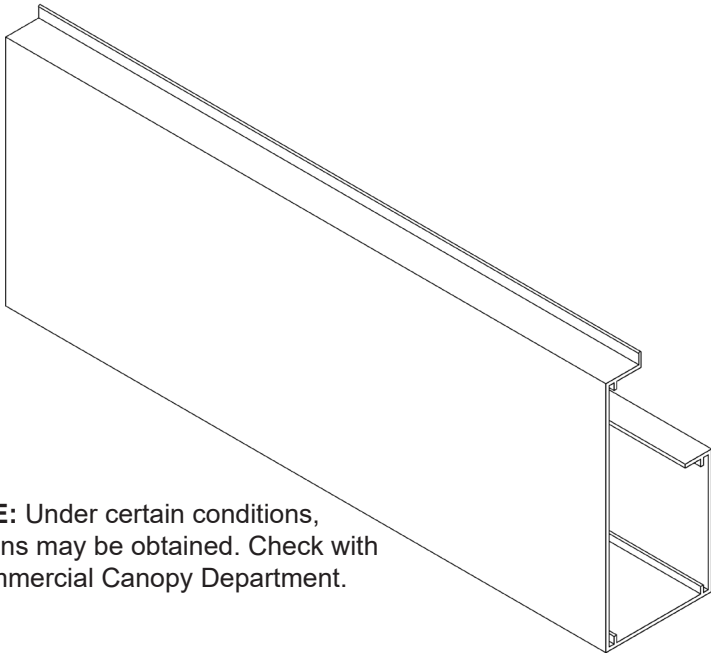
DESCRIPTION: Extruded from aluminum alloy 6063-T6 to a height of 7" & a width of 3" with a metal thickness of .094. They combine a decorative fascia with a water-carrying gutter. The 7" x 3" Extruded Fascia is SMP's best selling commercial fascia/gutter.

COLORS: Black, Bronze, Clear Anodized
Ivory & White

LENGTHS: 24'

SIZES: 7" x 3"

ACCESSORIES: Corners, Splice, Fascia Extender



NOTE: Under certain conditions, longer spans may be obtained. Check with the Commercial Canopy Department.

SPAN CHART

	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
	(CANOPY PROJECTION)										
(LIVE LOAD) 10 PSF	26'8"	25'2"	24'0"	23'0"	22'1"	21'3"	20'7"	19'8"	18'10"	17'10"	16'8"
20 PSF	23'8"	21'2"	19'3"	17'10"	16'8"	15'9"	15'0"	14'3"	13'8"	13'1"	12'7"
30 PSF	19'7"	17'6"	15'10"	14'8"	13'9"	13'0"	12'3"	11'8"	—	—	—
40 PSF	17'1"	15'2"	13'10"	12'9"	12'0"	11'3"	10'8"	—	—	—	—

(MAXIMUM SPAN)

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

STRUCTURAL COMPONENTS

6" FASCIA/GUTTER EXTENDER / SIDE FASCIA

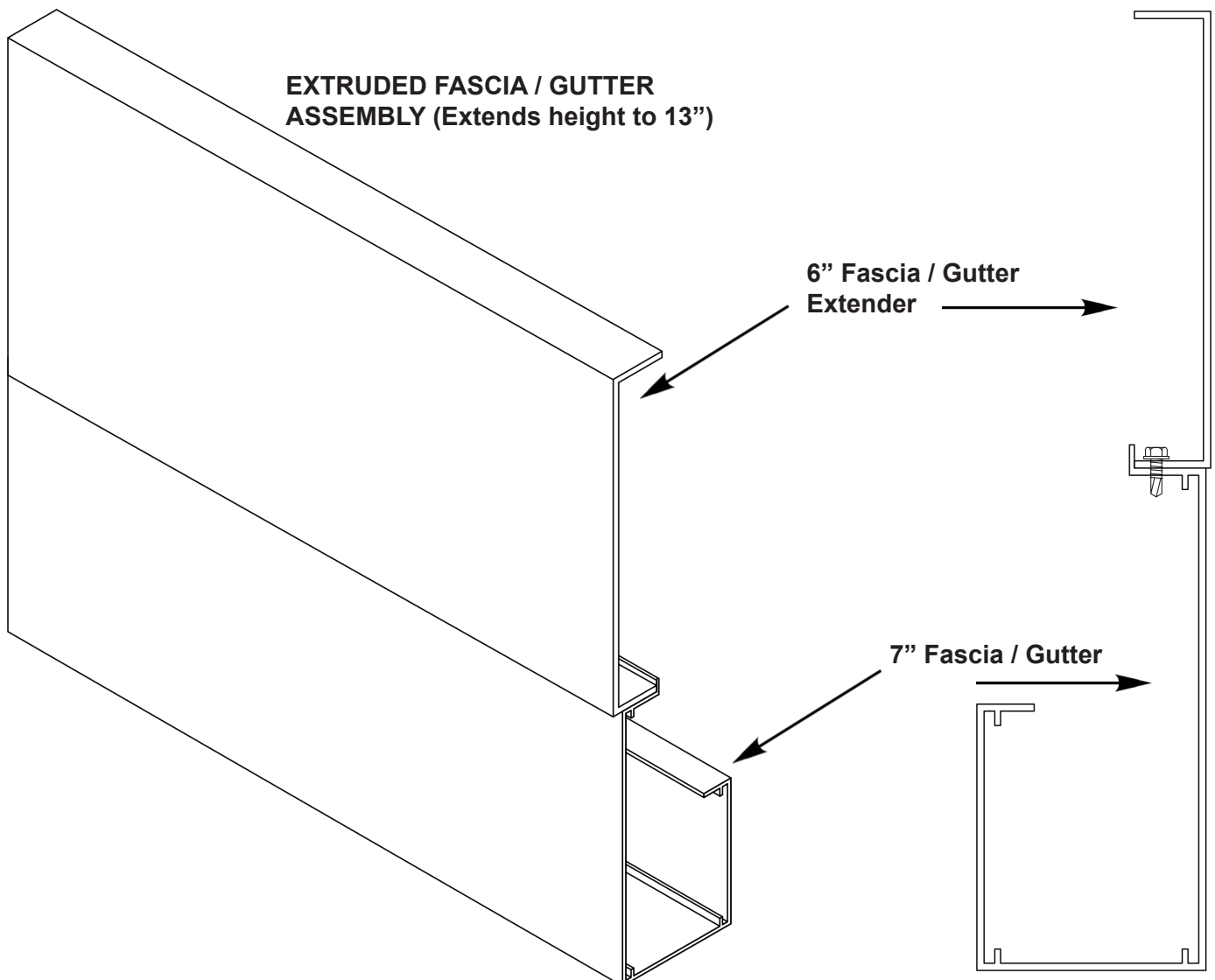
DESCRIPTION: Extruded to a height of 6" & a width of 1" from aluminum alloy 6063-T6 with a thickness of .094.
It may be used with the 7" Fascia/Gutter to extend height to 13".

COLORS: Black, Bronze, Clear Anodized,
Ivory & White

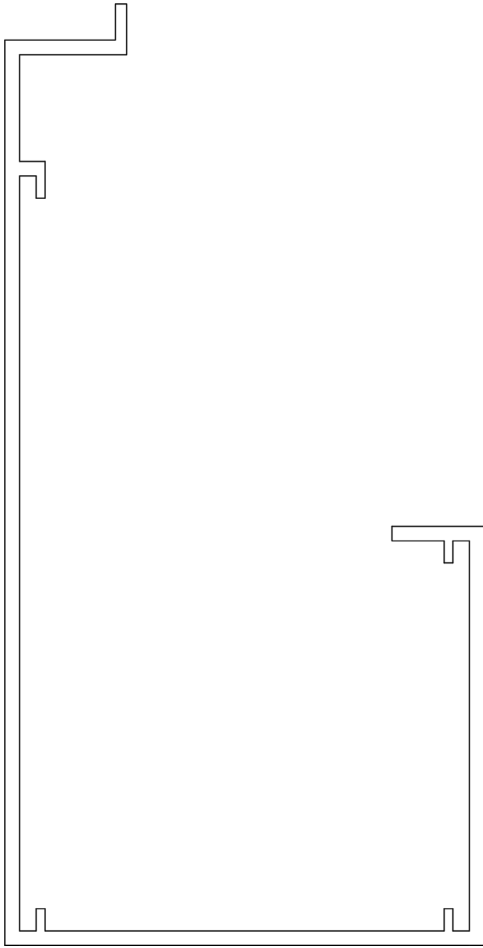
LENGTHS: 24'

SIZES: 6" x 1"

ACCESSORIES: 7" x 3" Fascia/Gutter



STRUCTURAL COMPONENTS



8" x 4" EXTRUDED FASCIA/GUTTER

DESCRIPTION: Extruded from aluminum alloy 6063-T6 to a height of 8" & a width of 4" with a metal thickness of .125. They combine a decorative fascia with a water-carrying gutter.

COLORS: Bronze, Clear Anodized & White

LENGTHS: 24'

SIZES: 8" x 4"

ACCESSORIES: Corners, Splice, Fascia Extender

SPAN CHART

	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
	(CANOPY PROJECTION)										
<u>10 PSF</u>	31'2"	29'5"	28'0"	26'10"	25'9"	24'10"	24'0"	23'0"	22'0"	20'10"	19'6"
<u>20 PSF</u>	27'8"	24'9"	22'6"	20'10"	19'6"	18'5"	17'6"	16'8"	16'0"	15'3"	14'9"
<u>30 PSF</u>	22'10"	20'5"	18'6"	17'2"	16'2"	15'2"	14'4"	13'8"	—	—	—
<u>40 PSF</u>	20'0"	17'9"	16'3"	15'0"	14'0"	13'2"	12'6"	—	—	—	—

(LIVE LOAD)

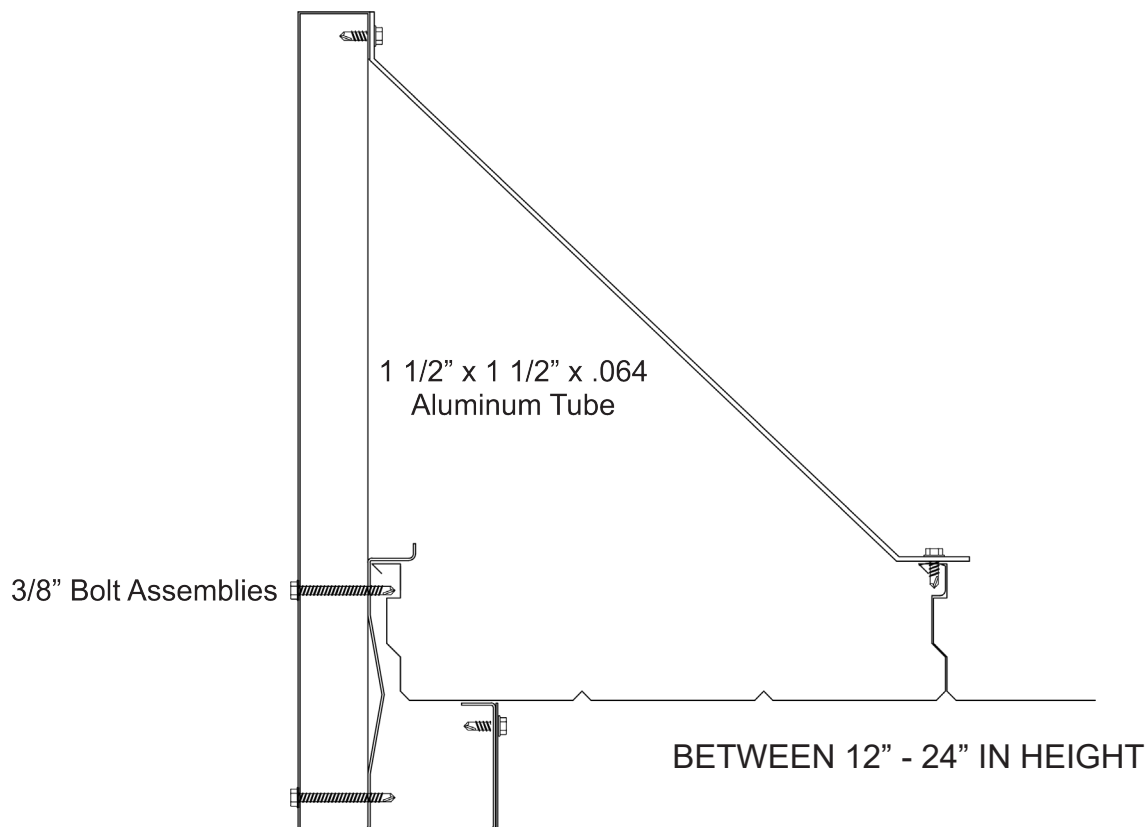
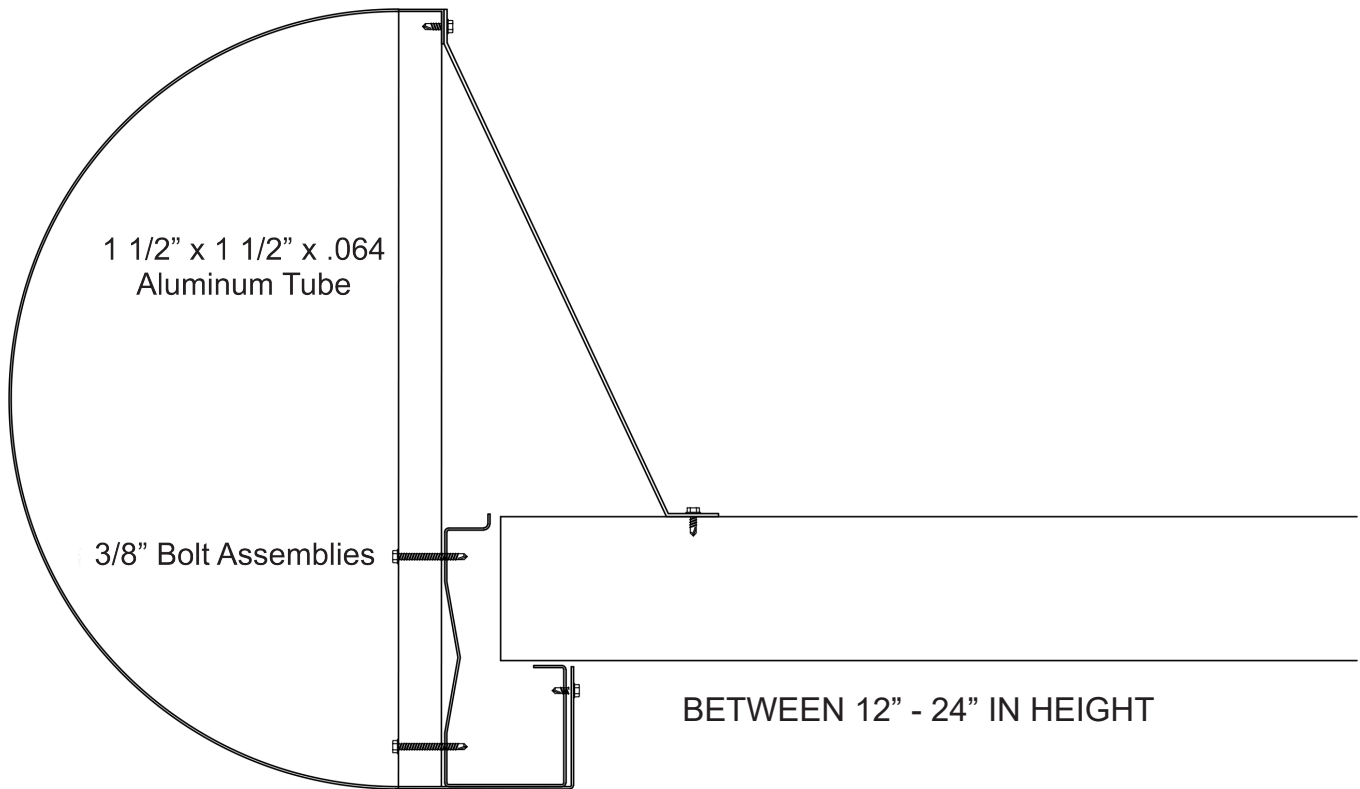
(MAXIMUM SPAN)

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

DECORATIVE COMPONENTS

FASCIA/GUTTER BULLNOSE



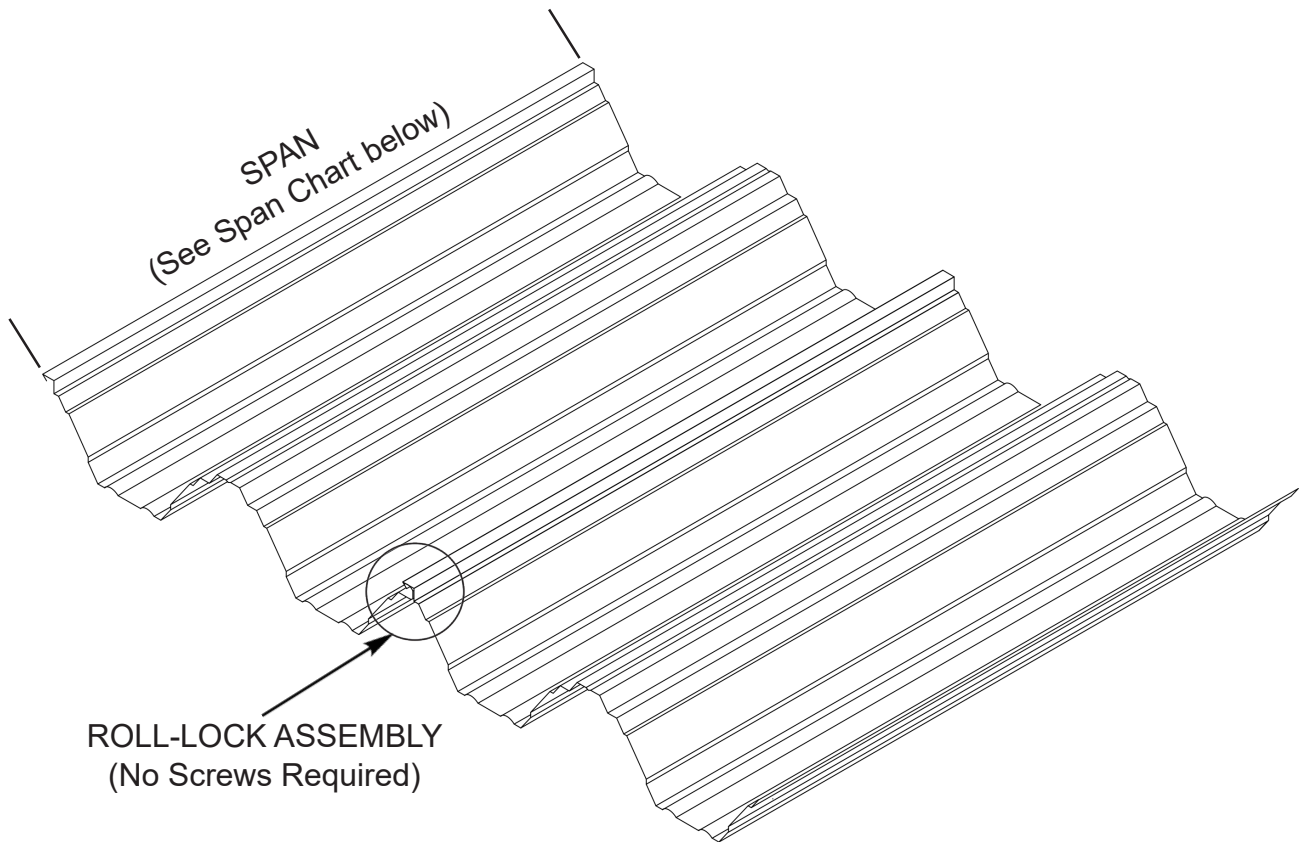
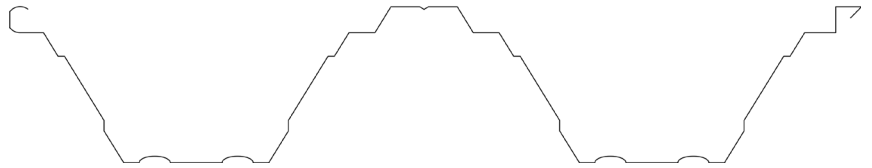
ROLL-FORMED DECKING

16" x 3" W-PAN

DESCRIPTION: W-Pans are roll formed to a width of 16" & a depth of 3". SMP manufactures W-Pans in .025 & .032 metal thickness from alloy 3105-H28. Within the range of it's maximum span, the W-Pan provides the most coverage for the least cost of material & installation.

COLORS: .025 Aluminum: Ivory & White
.032 Aluminum: Bronze, Ivory & White

SIZES: 16" x 3"



SPAN CHART

(LIVE LOAD)	<u>10 PSF</u>	<u>20 PSF</u>	<u>30 PSF</u>	<u>40 PSF</u>
	(MAXIMUM SPAN)			
.025 W-PAN	16'8"	13'4"	11'1"	9'9"
.032 W-PAN	17'6"	14'1"	12'2"	10'7"

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

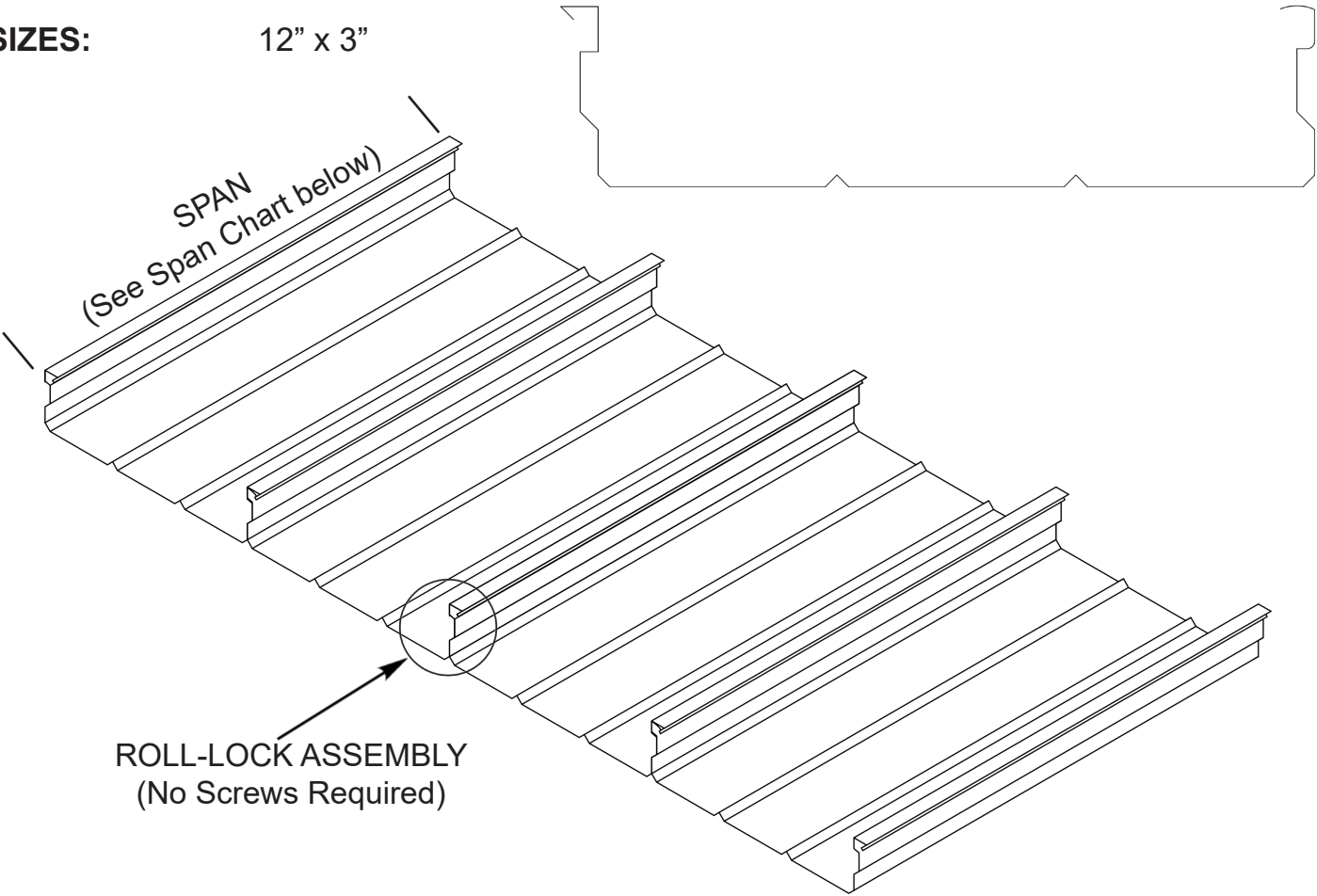
ROLL-FORMED DECKING

12" x 3" FLAT PAN

DESCRIPTION: Flat Pans are roll formed to a width of 12" & a depth of 3". SMP manufactures Flat Pans in .025 & .032 metal thickness from aluminum alloy 3004-H26. While not as strong as W-Pans, Flat Pans provide a finished underside, which is particularly well-suited to canopies covering screen enclosures & walkway covers where hand holds are to be avoided.

COLORS: .025 - Ivory & White
 .032 - Black, Bronze, Clear Anodized, Ivory & White

SIZES: 12" x 3"



SPAN CHART

(LIVE LOAD)	10 PSF	20 PSF	30 PSF	40 PSF
	(MAXIMUM SPAN)			
.025 FLAT PAN	13'10"	9'11"	_____	_____
.032 FLAT PAN	14'10"	12'1"	9'11"	_____

NOTE: Chart is for information only.
 The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

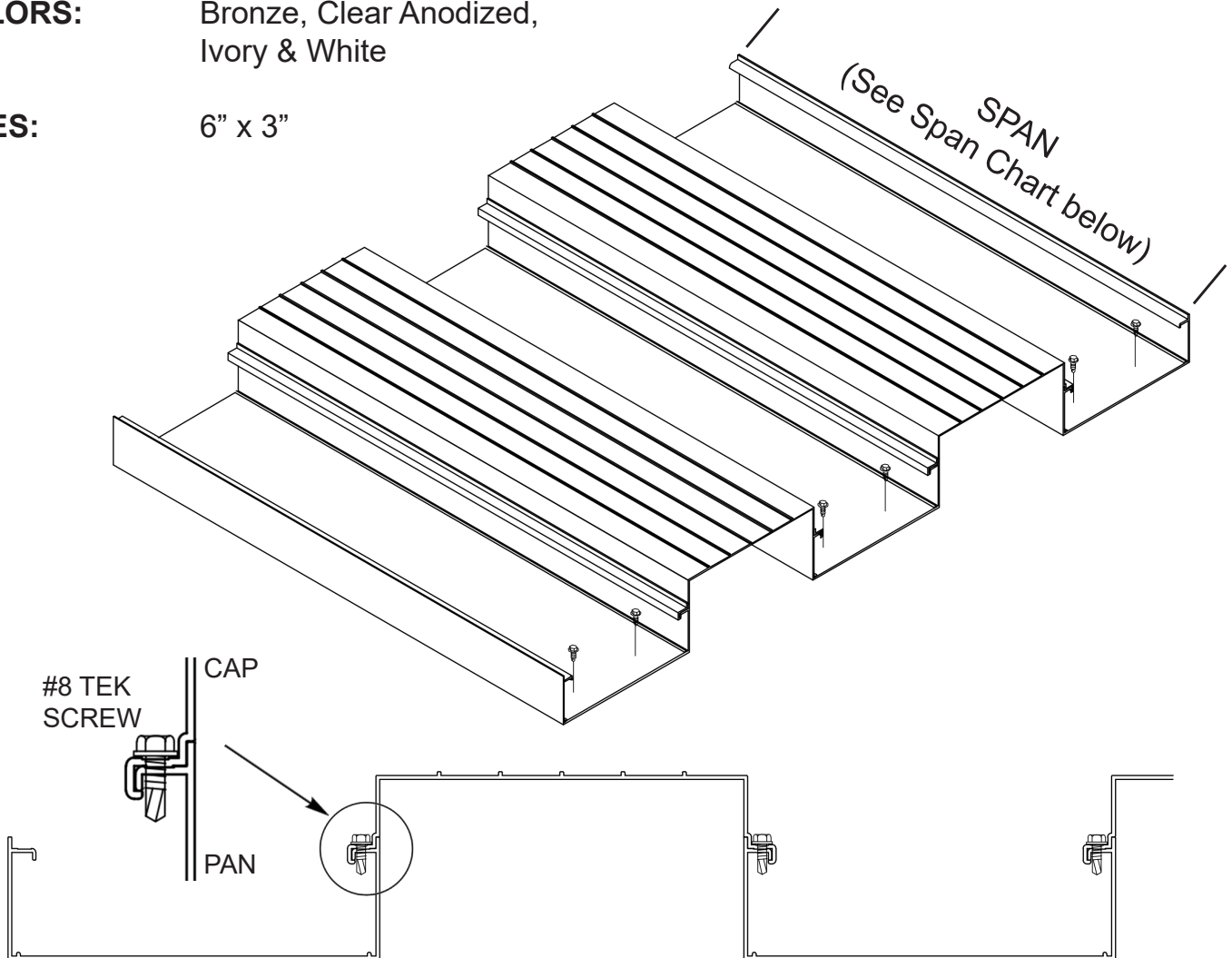
EXTRUDED DECKING

ECONO DECKING

DESCRIPTION: .062 Econo Decking is extruded from aluminum alloy 6063-T6. The standard configuration consists of 6" wide Flat Pans & 6" wide Decking Caps, which are roll-locked together & attached on 24" centers with #8 TEK screws to form decking 3" in depth.

COLORS: Bronze, Clear Anodized, Ivory & White

SIZES: 6" x 3"



SPAN CHART

(LIVE LOAD)	10 PSF	20 PSF	30 PSF	40 PSF
(MAXIMUM SPAN)				
.062 ECONO PAN (24" SCREW SPACING)	16'11"	12'10"	10'7"	9'3"
.062 ECONO PAN (6" SCREW SPACING)	20'0"	14'8"	12'2"	10'9"

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

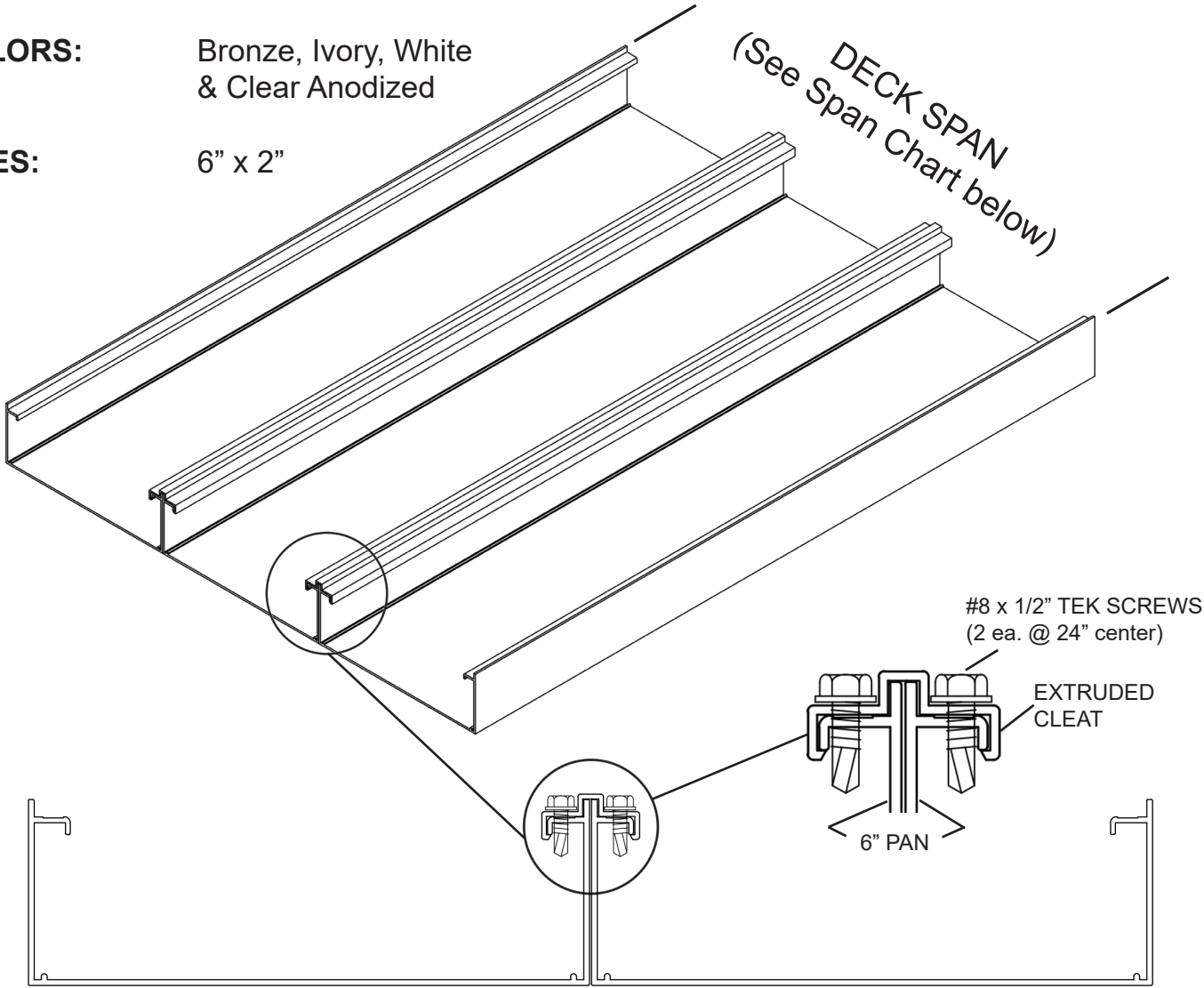
EXTRUDED DECKING

6" x 2" x .062 FLUSH DECKING

DESCRIPTION: .062 Flush Decking is extruded from aluminum alloy 6063-T6. The standard configuration consists of 6" wide pans locked together by a continuous cleat to form decking 2" in depth. Flush Decking is virtually smooth from the underside, with only a slight line where the panels abut.

COLORS: Bronze, Ivory, White & Clear Anodized

SIZES: 6" x 2"



SPAN CHART

(LIVE LOAD)	10 PSF	20 PSF	30 PSF	40 PSF
	(MAXIMUM SPAN)			
.062 FLUSH DECK (24" SCREW SPACING)	15'3"	13'8"	11'6"	10'0"
.062 FLUSH DECK (6" SCREW SPACING)	19'10"	16'2"	14'4"	12'10"

NOTE: Chart is for information only.
The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

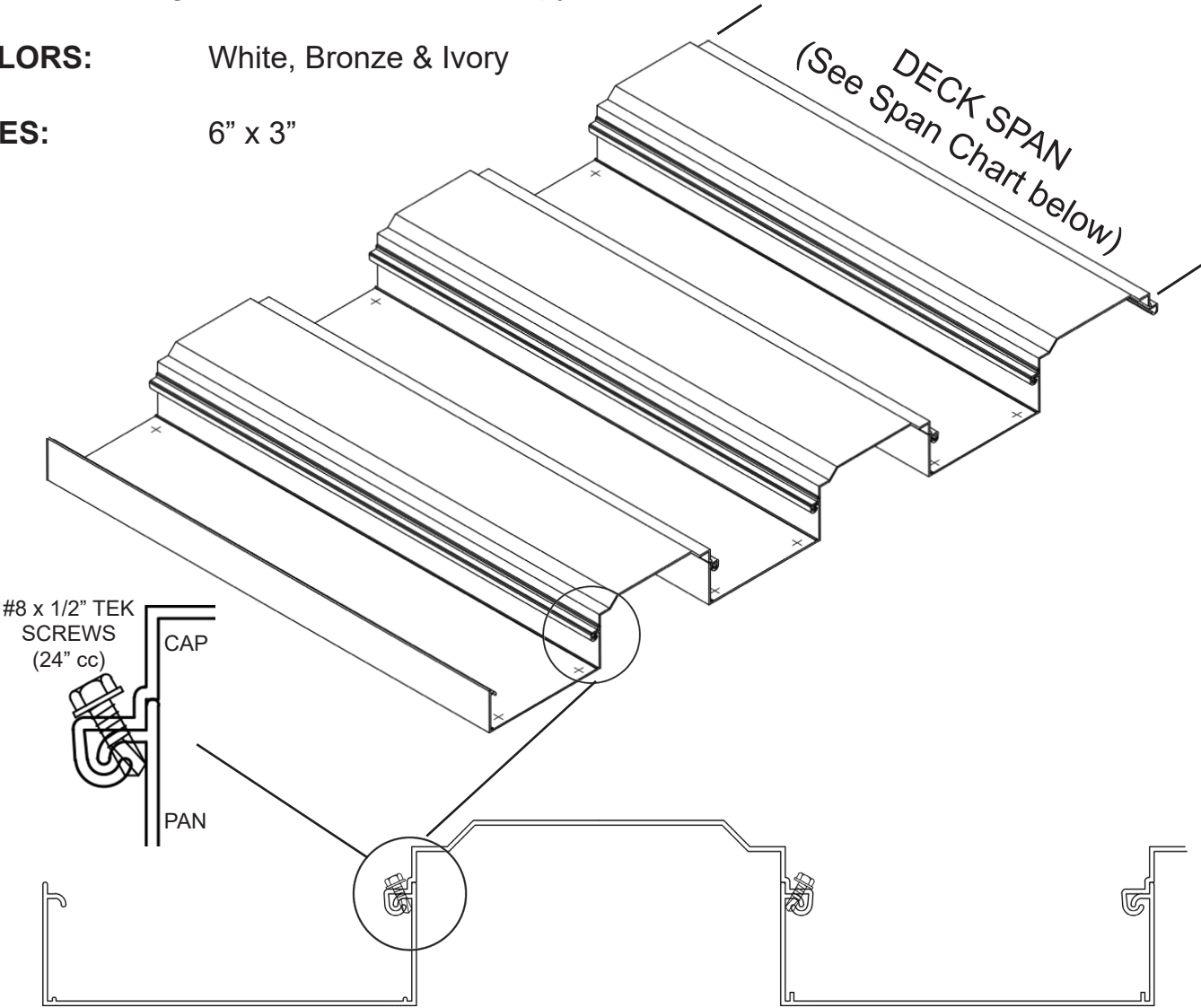
EXTRUDED DECKING

LONG SPAN DECKING

DESCRIPTION: .075 Long Span Decking is extruded from aluminum alloy 6063-T6. The standard configuration consists of 6" wide Pans & 6" wide Caps, which are roll-locked together & connected with #8 x 1/2" TEK screws to form Decking 3" in depth. This is the strongest deck in the SMP canopy line.

COLORS: White, Bronze & Ivory

SIZES: 6" x 3"



SPAN CHART

(LIVE LOAD)	(MAXIMUM SPAN)			
	10 PSF	20 PSF	30 PSF	40 PSF
.075 LONG SPAN DECK (24" SCREW SPACING)	15'11"	14'1"	12'3"	11'0"
.075 LONG SPAN DECK (6" SCREW SPACING)	20'0"	16'6"	14'6"	13'0"

NOTE: Chart is for information only.
The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

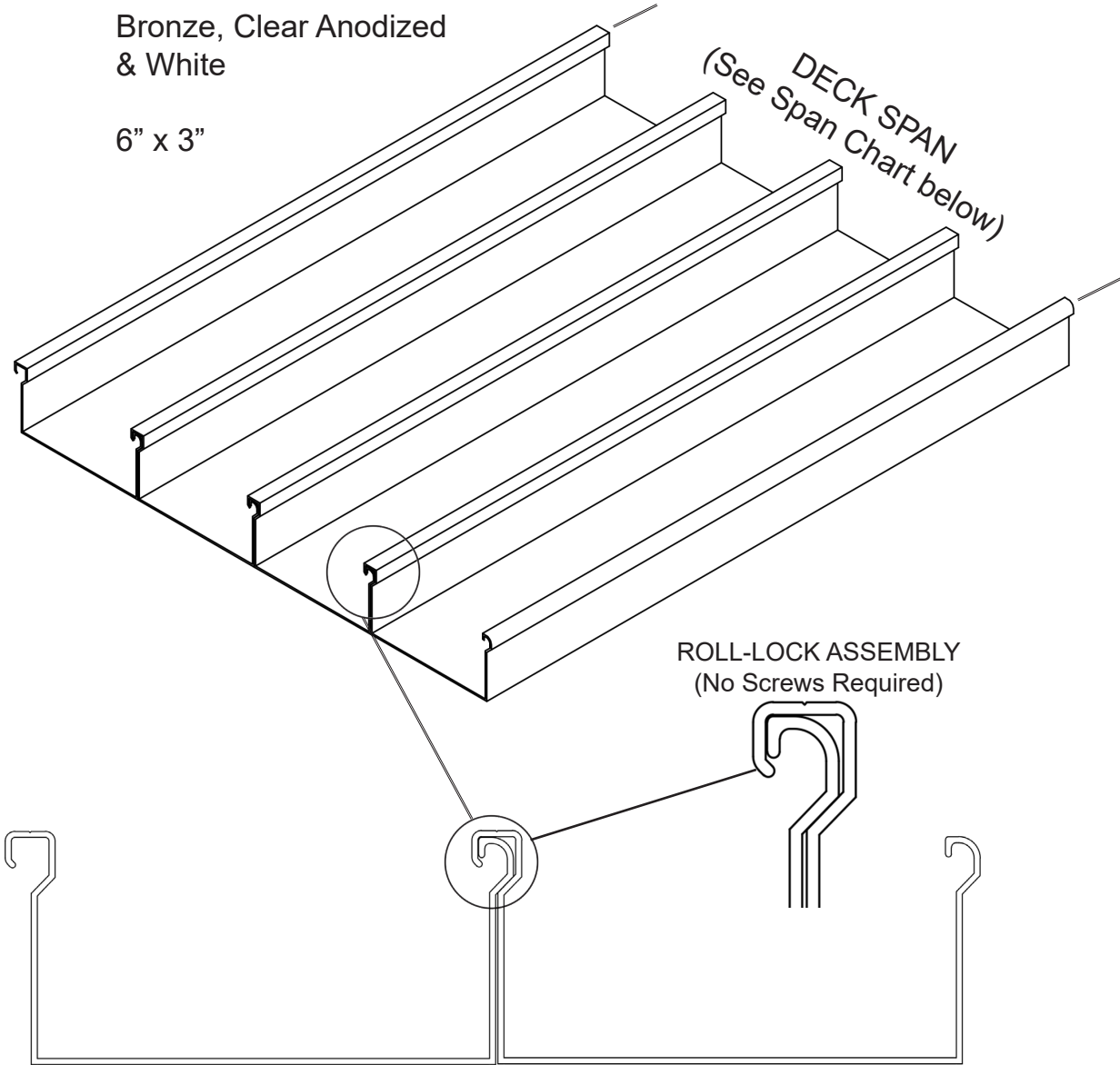
EXTRUDED DECKING

6" x 3" x .078 FLUSH DECKING

DESCRIPTION: .078 Flush Decking is extruded from aluminum alloy 6063-T6. The standard configuration consists of 6" wide Pans locked together to form Decking 3" in depth. Flush Decking is virtually smooth from the underside, with only a slight line where the panels abut.

COLORS: Bronze, Clear Anodized & White

SIZES: 6" x 3"



SPAN CHART

(LIVE LOAD)	10 PSF	20 PSF	30 PSF	40 PSF
	(MAXIMUM SPAN)			
.078 FLUSH DECK	13'0"	11'6"	10'6"	9'9"

NOTE: Chart is for information only.
The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

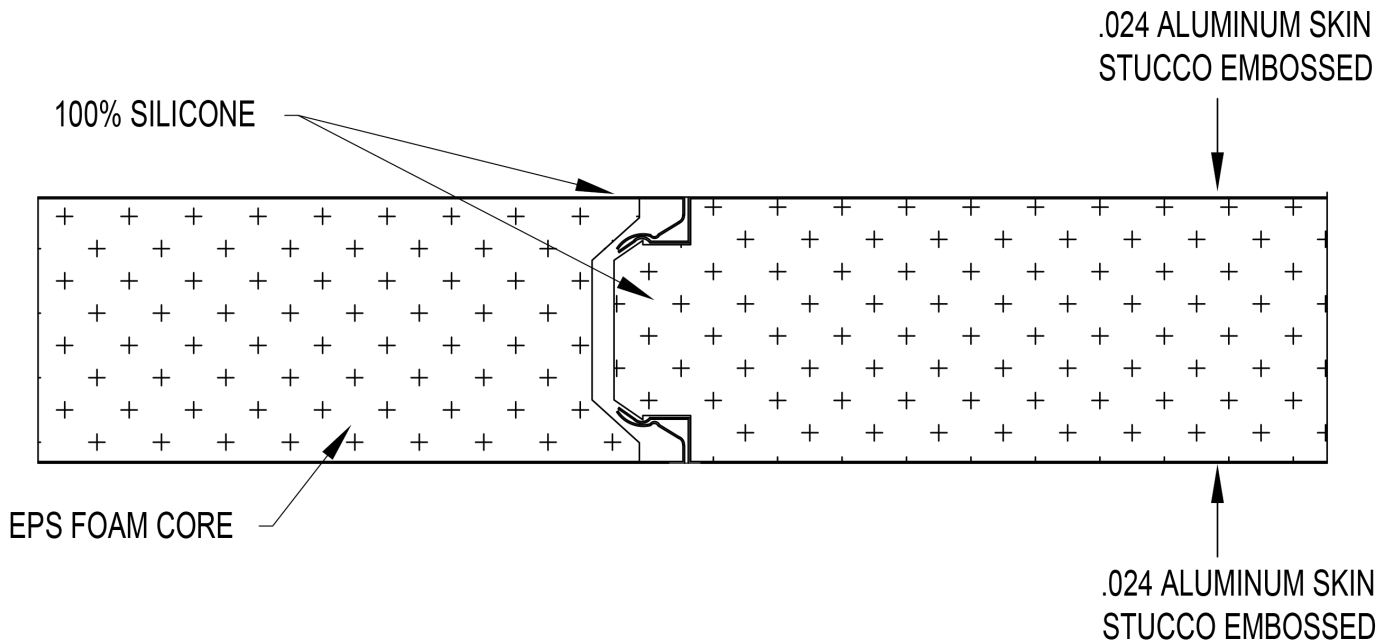
INSULATED ROOF PANELS

INSULATED ROOF PANEL

DESCRIPTION: Stucco embossed, 4'0" wide x .024 aluminum skin laminated to expanded polystyrene core for 2", 3", 4" or 6" thick panels.

COLORS: Ivory & White

SIZES: 2" x 4'0", 3" x 4'0", 4" x 4'0" & 6" x 4'0"



SPAN CHART

(LIVE LOAD)	<u>10 PSF</u>	<u>20 PSF</u>	<u>30 PSF</u>	<u>40 PSF</u>
	(MAXIMUM SPAN)			
.024 PANEL	14'5"	12'0"	11'0"	9'6"
.032 PANEL	16'0"	13'0"	12'0"	10'2"

NOTE: Chart is for information only.

The structure should be reviewed by a professional Engineer for local conditions, codes & requirements.

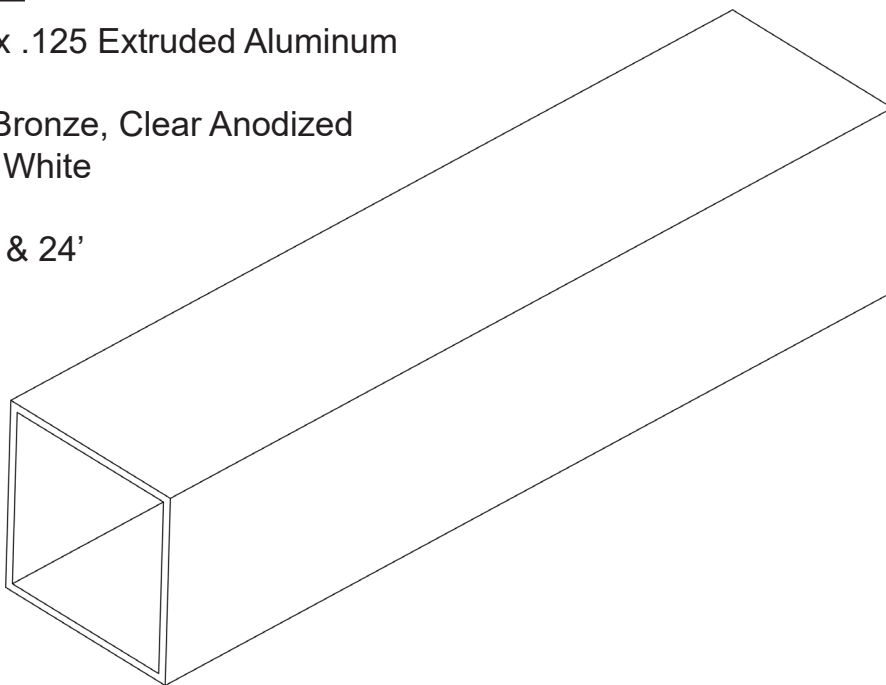
COLUMNS / POSTS

3" x 3" COLUMN / POST

DESCRIPTION: 3" x 3" x .125 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized
Ivory & White

LENGTHS: 10', 12' & 24'

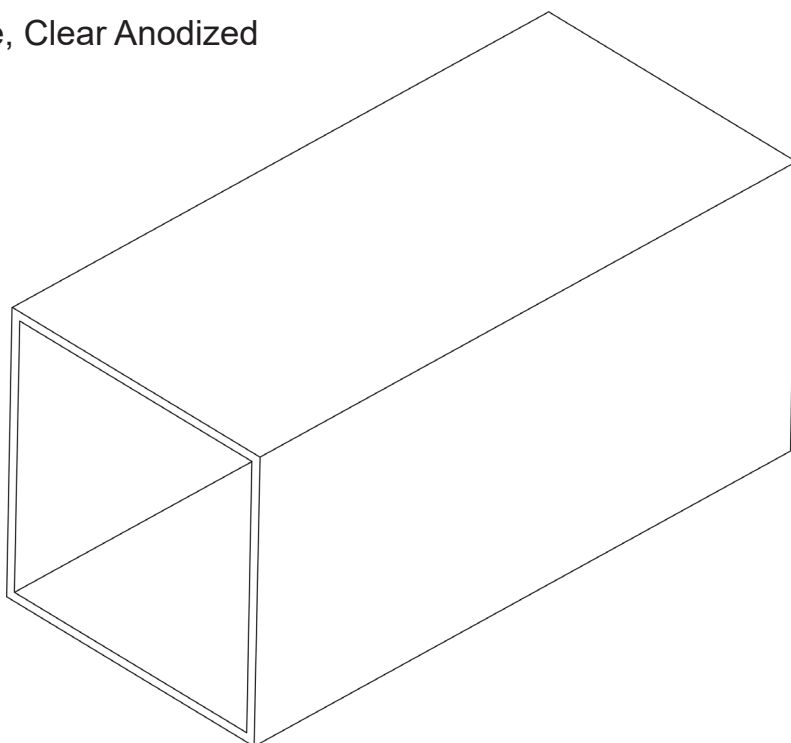


4" x 4" COLUMN / POST

DESCRIPTION: 4" x 4" x .125 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized
Ivory & White

LENGTHS: 10', 12' & 24'



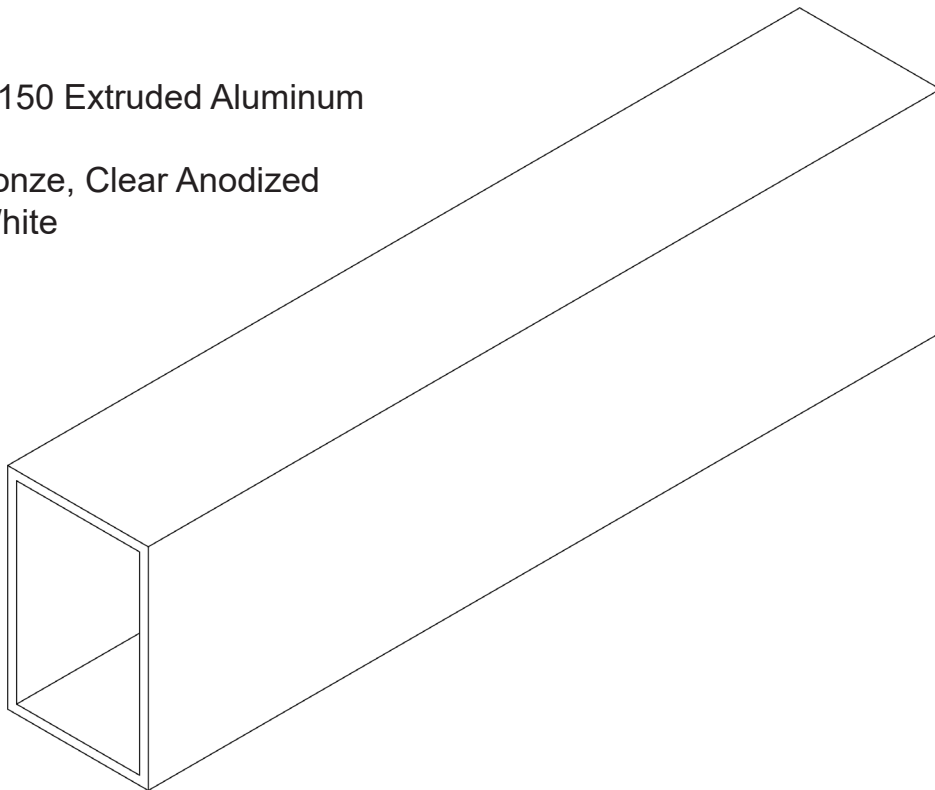
COLUMNS / POSTS

4" x 6" COLUMN / POST

DESCRIPTION: 4" x 6" x .150 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized
Ivory & White

LENGTHS: 21'

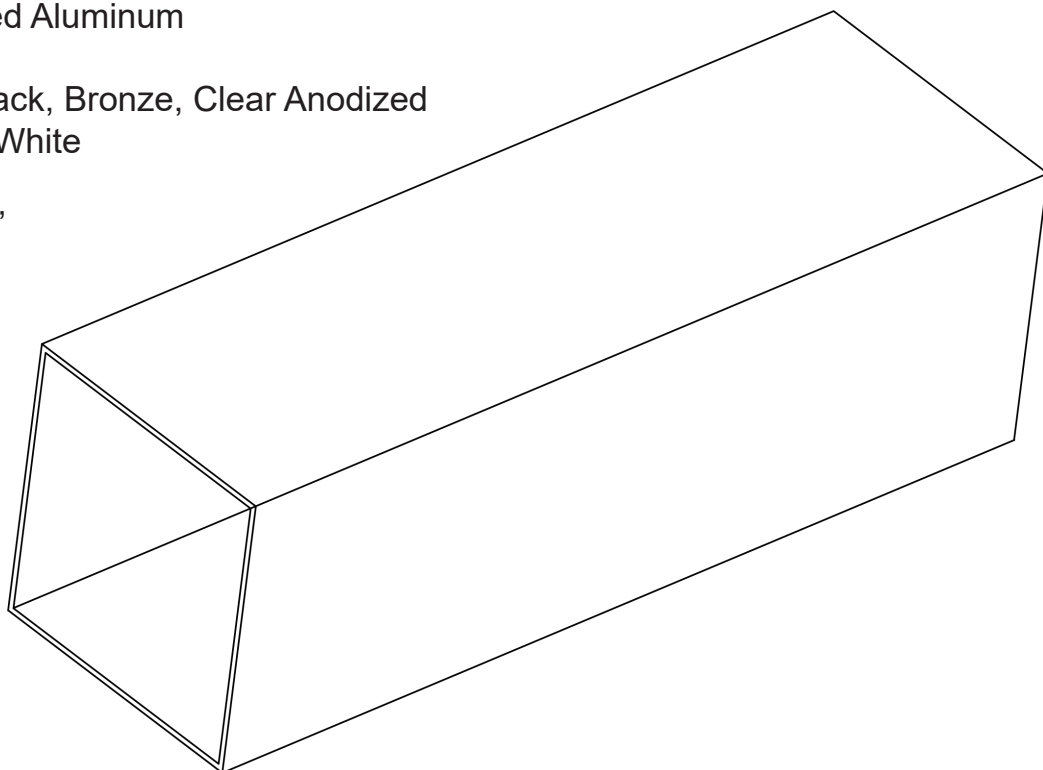


6" x 6" COLUMN / POST

DESCRIPTION:
6" x 6" x .188 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized
& White

LENGTHS: 24'



BEAMS



C-BEAM

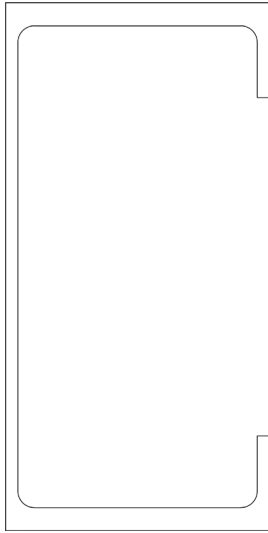
DESCRIPTION: 10" x 3" x .156 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized, Ivory, & White

LENGTHS: 20', 24' & 30'

SIZE: 10" x 3"

ACCESSORIES: P511 Angle Bracket, P204 Splice



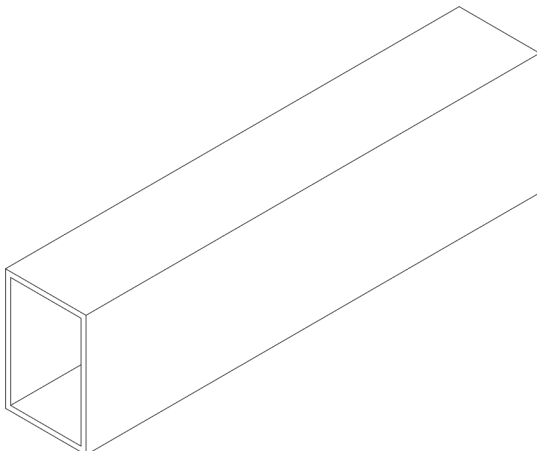
C-BEAM

DESCRIPTION: 8" x 4" x .353 Extruded Aluminum

COLORS: Black, Bronze, Clear Anodized, Ivory & White

LENGTHS: 20', 24' & 30'

SIZE: 8" x 4"



TUBE BEAM

DESCRIPTION: 6" x 4" x .150 metal thickness

COLORS: Bronze, Clear Anodized, Ivory, Mill Finish & White

LENGTHS: 21'

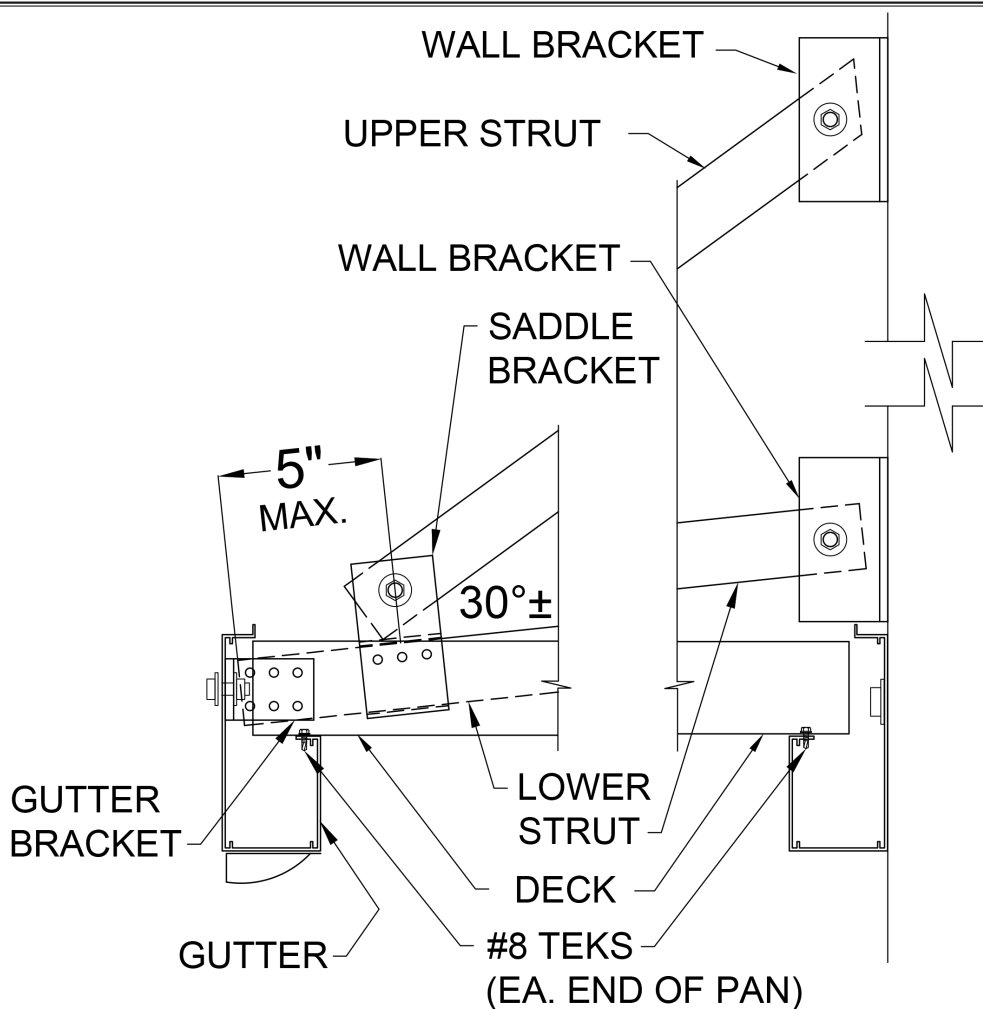
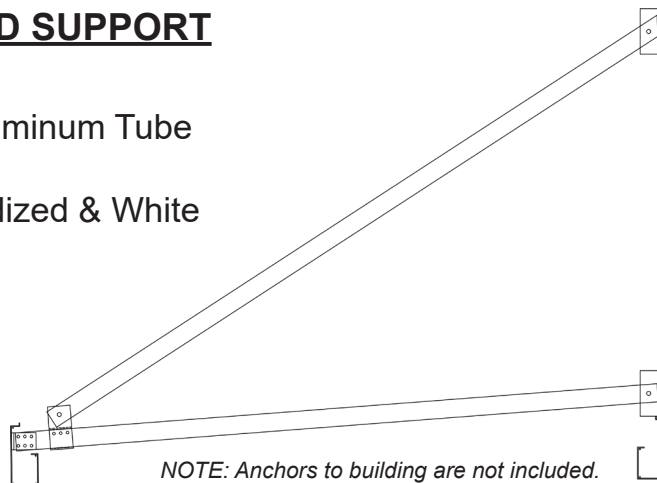
SIZE: 6" x 4"

OVERHEAD SUPPORTS

OVERHEAD SUPPORT

DESCRIPTION: 2" x 2" x 1/8" Extruded Aluminum Tube

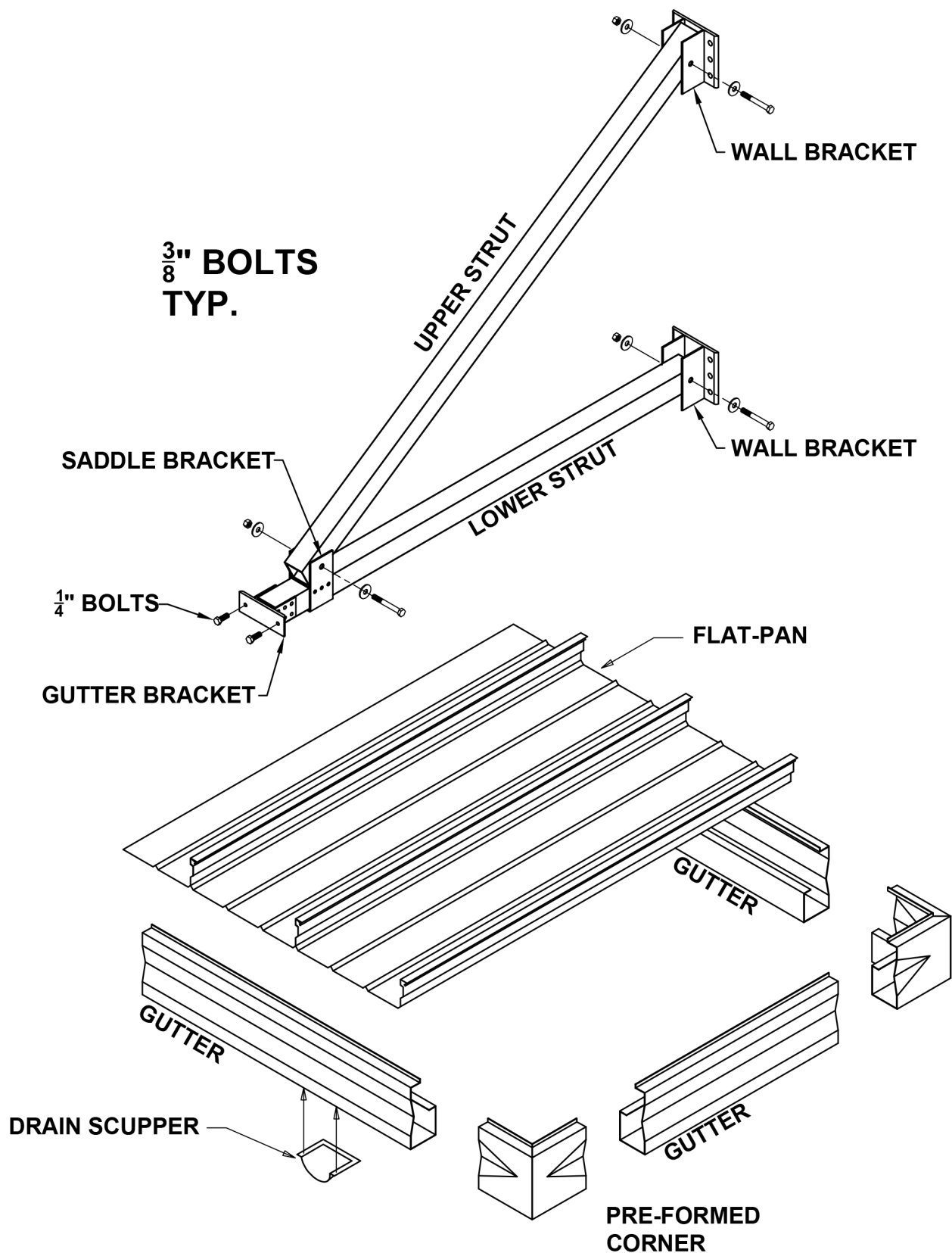
COLORS: Black, Bronze, Clear Anodized & White



CANOPY SECTION

OVERHEAD SUPPORTS

6" x 3" ROLL-FORMED FASCIA/GUTTER - ASSEMBLY

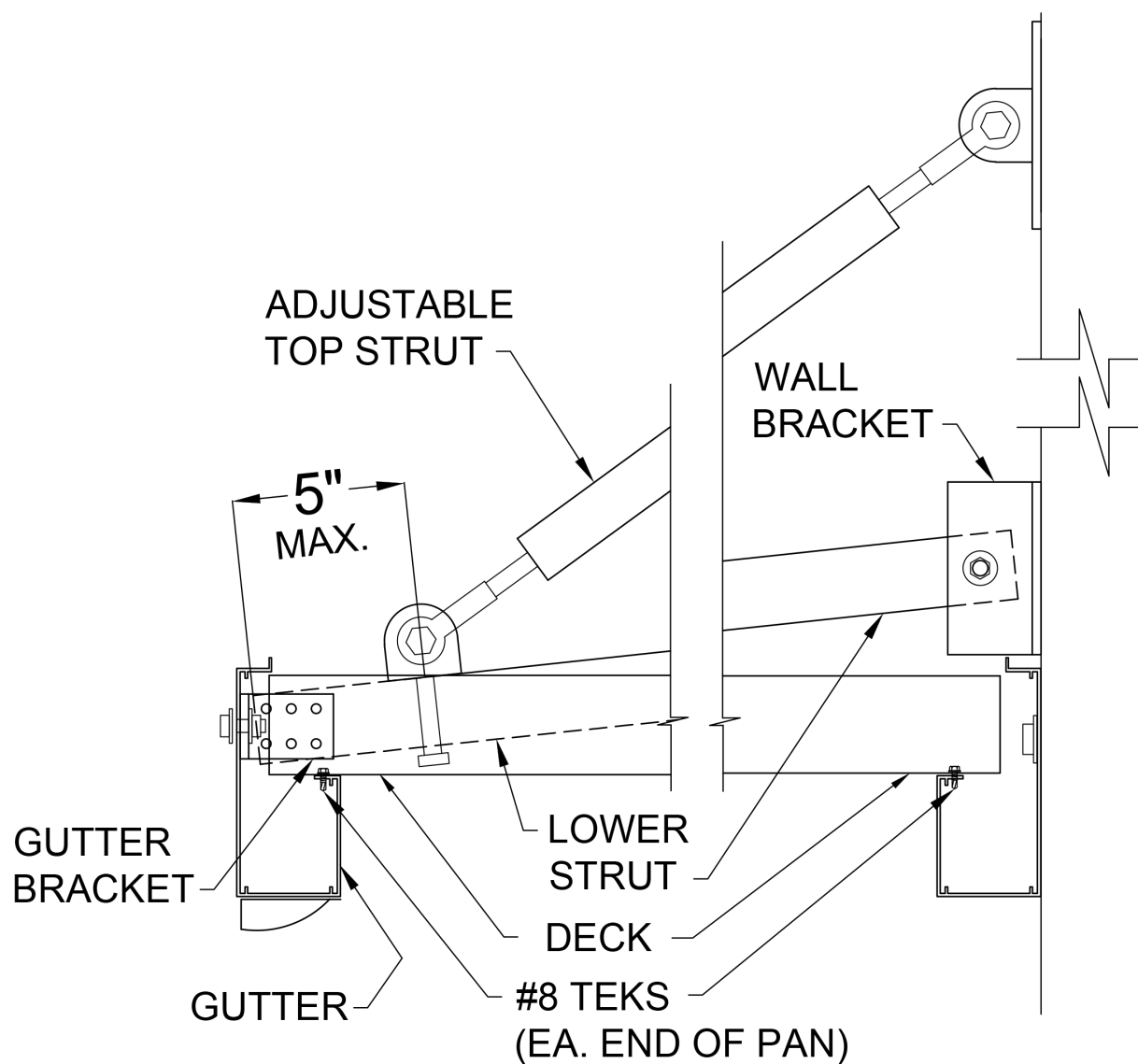


OVERHEAD SUPPORTS

TURNBUCKLE STYLE - OVERHEAD SUPPORT

DESCRIPTION: Turnbuckle Style Overhead Support

COLORS: Black & Silver



SLOPE

CANOPY SECTION

ASSEMBLIES

TURNBUCKLE TOP STRUT 8" x 4" FLUSH - ASSEMBLY

