

# SUPERIOR METAL PRODUCTS LLC

## Walkway Cover Systems for Commercial, Industrial and Educational Facilities



**Entrance Canopy**  
Tyler, TX



**Gardendale Medical Complex**  
Gardendale, AL



**Southern Research Institute**  
Birmingham, AL



**Plantside III**  
Louisville, KY



**Navy Federal Credit Union**  
Pensacola, FL



**The Chef's Academy**  
Indianapolis, IN



**Ticket Booth Cover**  
Tuscaloosa, AL



**Liberty County High School**  
Liberty County, GA



**Aluminum Bus Shelter**  
Birmingham, AL

**Engineered Aluminum Canopies and Walkway Covers**

Visit us at: [www.SuperiorMetalProducts.com](http://www.SuperiorMetalProducts.com)

116 Citation Court  
Birmingham, AL 35209-6307

p. 877.445.1200

f. 205.945.5694



# SUPERIOR METAL PRODUCTS LLC

email: [canopysales@superiormetalproducts.com](mailto:canopysales@superiormetalproducts.com)



**Bluffton Middle School  
Bluffton, SC**

## SUPERIOR PRODUCTS

### 1.01 DESCRIPTION OF WORK

Extent of canopies required is shown on the drawings. Included herein, but not limited to, are decking, fascia/gutter, columns, anchors, supports, and flashing.

### 1.02 MEASUREMENTS

Verify all measurements shown on drawings by taking field measurements to insure proper fit and attachment of all component parts.

### 1.03 SUBMITTALS

Provide manufacture shop drawings, including fabrication and installation details.

### 1.04 COORDINATION

Provide necessary anchors, blockouts, flashing and other items required to be built in ample time to avoid delays to the job.

### 1.05 DELIVERY & STORAGE

Deliver and store all items in protected area. Keep free of any damage. Replace any damaged items or parts at no cost to the Owner.

### 1.06 DESIGN PARAMETERS

Live load of canopies shall be no less than 20 p.s.f. Canopies shall comply in all respects with the International Code Council requirements for Floor, Wall and Roof systems.

### 1.07 ACCEPTABLE MANUFACTURER

Subject to compliance with requirements herein, provide product manufactured by Superior Metal Products LLC, Birmingham, Alabama.

### 1.08 PRODUCTS AND MATERIALS

Consult Superior Metal Products' Architect Manual and design staff for detailed specifications of materials and products.

### 1.09 INSTALLATION

Canopies shall be installed according to approved plans and shop drawings and the entire structure shall be erected straight true and plumb in accordance with standard construction procedures. All joints and connections shall be tight and clean, and all surfaces of work left in a clean condition.

## SUPERIOR QUALITY

Superior Metal Products LLC manufactures a complete line of rollformed and extruded canopies and walkway covers. From the smallest door canopy to the largest walkway cover, all materials are fabricated in the company's Birmingham, AL facility and undergo constant inspection and quality control. Innovative mechanical assembly procedures allow economical shipping to all points serviced by common carrier freight lines. Extruded systems are available in both painted and anodized finishes to harmonize with the widest range of architectural designs. Rollformed components are manufactured from only the highest quality, pre-tested and approved by independent registered structural engineers and are in compliance with the requirements of the International Code Council. Detailed shop drawings bearing the seal of a Registered Engineer are provided when required, and specification, design, and installation assistance is never more than a phone call away. Visit the company's web site at [www.superiormetalproducts.com](http://www.superiormetalproducts.com).



**U.S. Post Office  
Prattville, AL**

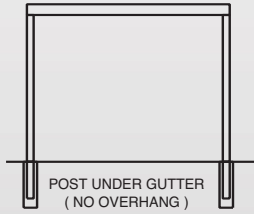


**Westlawn Middle School  
Tuscaloosa, AL**

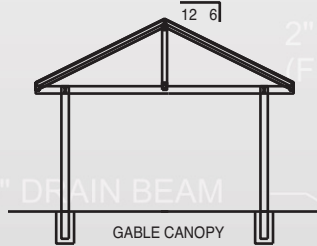
# Aluminum Canopies and Walkway Covers

## CONFIGURATIONS

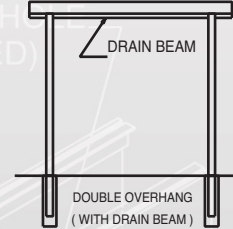
### STANDARD



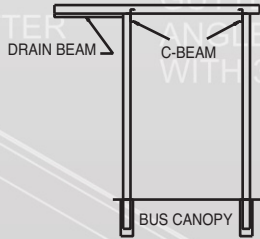
### GABLE CANOPY



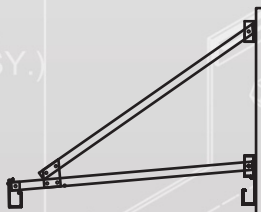
### DOUBLE OVERHANG



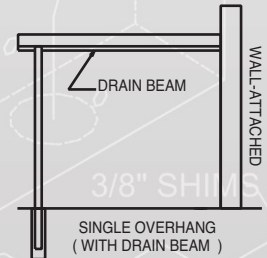
### BUS CANOPY



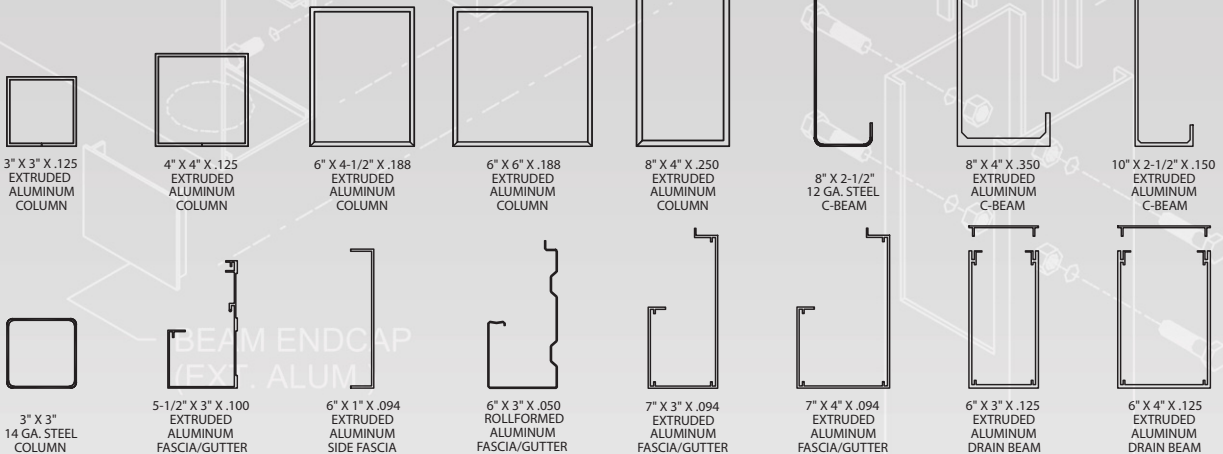
### OVERHEAD SUPPORT



### SINGLE OVERHANG

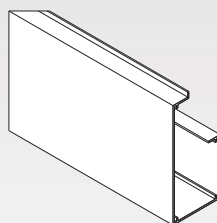


## STRUCTURAL COMPONENTS

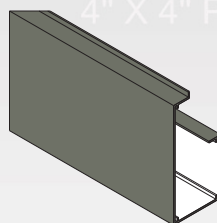


## STANDARD COLORS

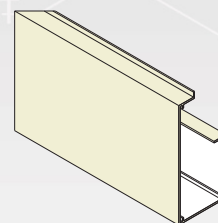
Pictured: Superior's 7" X 3" Extruded Aluminum Fascia/Gutter



**WHITE**



**BRONZE**



**CREAM**

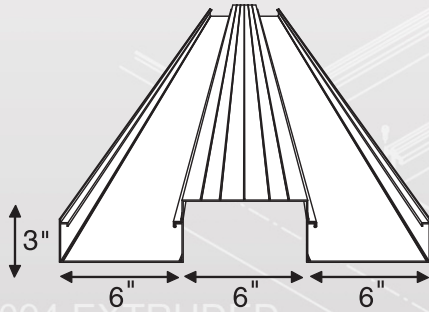
Clear anodized and Bronze anodized also available. Call for information on additional colors and availability.

**Please Note:** Superior cannot guarantee an exact color match with this sample chart and actual materials. Some color deviation is normal and expected.



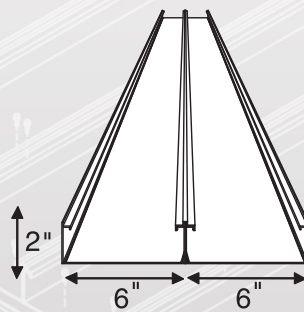
## SUPERIOR Extruded Decking

### ECONO DECKING



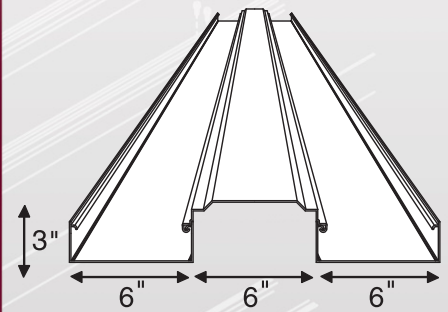
.062 6063-T6 extruded aluminum decking sections offer maximum economy for spans to 14' 8" at 20 p.s.f. live load L/60 deflection.

### FLUSH DECKING



.062 6063-T6 extruded aluminum decking sections provide smooth underside to decking system with no exposed openings for spans to 16' 2" at 20 p.s.f. live load and 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

### 8" X 4" X .350 EXTRUDED ALUMINUM C-BEAM (6063 - T6)

| Proj. | 20 psf   | 30 psf   | 40 psf   |
|-------|----------|----------|----------|
| 5'    | 34'0"    | 28'3"    | 24'9"    |
|       | (34'8")  | (30'8")  | (27'10") |
| 6'    | 31'0"    | 25'10"   | 22'7"    |
|       | (32'7")  | (28'10") | (25'5")  |
| 7'    | 28'9"    | 23'11"   | 20'11"   |
|       | (30'11") | (26'11") | (23'6")  |
| 8'    | 26'11"   | 22'4"    | 19'7"    |
|       | (29'7")  | (25'2")  | (22'0")  |
| 9'    | 25'4"    | 21'1"    | 18'5"    |
|       | (28'6")  | (23'9")  | (20'9")  |
| 10'   | 24'1"    | 20'0"    | 17'6"    |
|       | (27'1")  | (22'6")  | (19'8")  |
| 11'   | 22'11"   | 19'1"    | 16'8"    |
|       | (25'10") | (21'6")  | (18'9")  |
| 12'   | 21'11"   | 18'3"    | 16'0"    |
|       | (24'8")  | (20'7")  | (18'0")  |
| 13'   | 21'1"    | 17'7"    | 15'4"    |
|       | (23'9")  | (19'9")  | (17'3")  |
| 14'   | 20'4"    | 16'11"   | 14'9"    |
|       | (22'10") | (19'0")  | (16'8")  |
| 15'   | 19'8"    | 16'4"    | 14'3"    |
|       | (22'1")  | (18'5")  | (16'1")  |

SPANS IN PARENTHESIS ARE REACHED USING 6005-T5

### 5.5" EXTRUDED GUTTER (.100)

| Proj. | 10 psf | 20 psf | 30 psf | 40 psf |
|-------|--------|--------|--------|--------|
| 7'    | 14'4"  | 11'4"  | 9'4"   | 8'2"   |
| 8'    | 13'9"  | 10'8"  | 8'9"   | 7'7"   |
| 10'   | 12'10" | 9'6"   | 7'10"  |        |
| 11'   | 12'5"  | 9'1"   | 7'6"   | 7'6"   |
| 12'   | 12'1"  | 8'9"   | 7'2"   |        |
| 13'   | 11'7"  | 8'4"   |        |        |
| 14'   | 11'2"  | 8'1"   |        |        |

### 7" EXTRUDED GUTTER (.094)

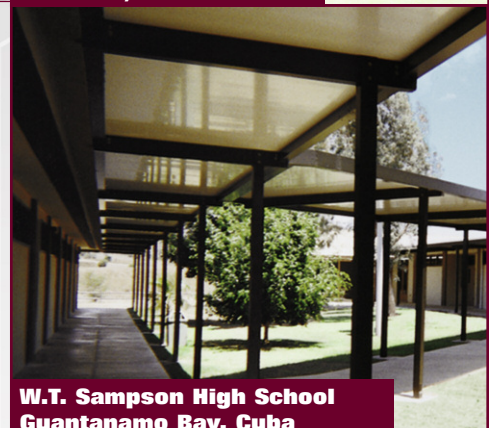
| Proj. | 10 psf | 20 psf | 30 psf | 40 psf |
|-------|--------|--------|--------|--------|
| 4'    | 22'3"  | 19'9"  | 16'4"  | 14'3"  |
| 5'    | 21'0"  | 17'8"  | 14'7"  | 12'8"  |
| 6'    | 20'0"  | 16'1"  | 13'3"  | 11'7"  |
| 7'    | 19'2"  | 14'11" | 12'3"  | 10'8"  |
| 8'    | 18'5"  | 13'11" | 11'6"  | 10'0"  |
| 9'    | 17'9"  | 13'2"  | 10'10" | 9'5"   |
| 10'   | 17'2"  | 12'6"  | 10'3"  | 8'11"  |
| 11'   | 16'5"  | 11'11" | 9'9"   |        |
| 12'   | 15'9"  | 11'5"  |        |        |
| 13'   | 14'11" | 10'11" |        |        |
| 14'   | 13'11" | 10'6"  |        |        |

### 10" X 2.5" ALUMINUM C-BEAM

| Proj. | 10 psf | 20 psf | 30 psf | 40 psf |
|-------|--------|--------|--------|--------|
| 6'    | 25'4"  | 23'6"  | 19'4"  | 16'10" |
| 8'    | 23'5"  | 20'5"  | 16'9"  | 14'7"  |
| 10'   | 21'9"  | 20'4"  | 15'0"  | 13'1"  |
| 12'   | 20'0"  | 18'7"  | 13'9"  | 11'11" |
| 14'   | 17'8"  | 17'2"  | 12'9"  | 11'1"  |



Beaufort High School  
Beaufort, SC.



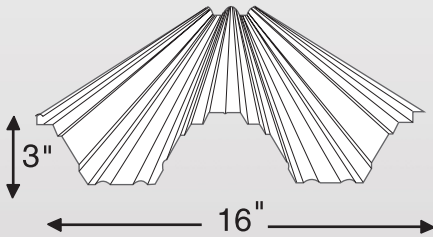
W.T. Sampson High School  
Guantanamo Bay, Cuba



# Aluminum Canopies and Walkway Covers

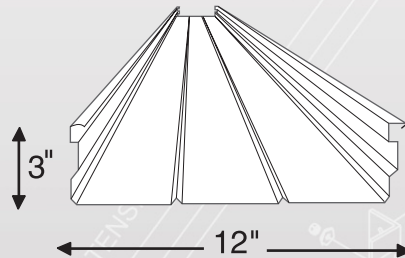
## SUPERIOR Rollformed Panels

### 16" X 3" W-PAN



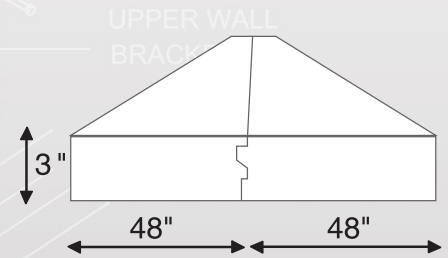
Rollformed aluminum w-pans provide maximum coverage per dollar. Available in .025 and .032 metal thickness for spans to 14' 1" at 20 p.s.f. live load and L/60 deflection.

### 12" X 3" FLAT PAN



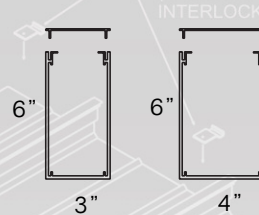
Rollformed aluminum flat pans provide smooth underside. Available in .025 and .032 metal thickness for spans to 12' 1" at 20 p.s.f. live load and L/60 deflection.

### INSULATED ROOF



Tongue & Groove Stucco embossed .032 aluminum coil laminated to expanded polystyrene core for 3" or 4" thick panels.

### .125 EXTRUDED ALUMINUM DRAIN BEAMS



NOTE:  
Spans in parenthesis are for 6"X 4" drain beam.

| Proj. | 20 psf   | 30 psf   | 40 psf   |
|-------|----------|----------|----------|
| 4'    | 16'4"    | 13'7"    | 11'10"   |
|       | (16'8")  | (13'11") | (12'2")  |
| 5'    | 14'8"    | 12'2"    | 10'8"    |
|       | (15'0")  | (12'5")  | (10'11") |
| 6'    | 13'5"    | 11'1"    | 9'9"     |
|       | (13'8")  | (11'5")  | (9'11")  |
| 7'    | 12'5"    | 10'4"    | 9'0"     |
|       | (12'8")  | (10'7")  | (9'3")   |
| 8'    | 11'7"    | 9'8"     | 8'5"     |
|       | (11'11") | (9'10")  | (8'7")   |
| 9'    | 11'0"    | 9'1"     | 7'11"    |
|       | (11'3")  | (9'4")   | (8'2")   |
| 10'   | 10'5"    | 8'8"     | 7'6"     |
|       | (10'8")  | (8'10")  | (7'9")   |
| 11'   | 9'11"    | 8'3"     | 7'2"     |
|       | (10'2")  | (8'5")   | (7'4")   |
| 12'   | 9'6"     | 7'11"    | 6'10"    |
|       | (9'9")   | (8'1")   | (7'1")   |
| 13'   | 9'2"     | 7'7"     | 6'7"     |
|       | (9'4")   | (7'9")   | (6'9")   |
| 14'   | 8'10"    | 7'4"     | 6'5"     |
|       | (9'0")   | (7'6")   | (6'9")   |
| 15'   | 8'6"     | 7'1"     | 6'2"     |
|       | (8'9")   | (7'3")   | (6'4")   |
| 16'   | 8'3"     | 6'10"    | 6'0"     |
|       | (8'5")   | (7'0")   | 6'1"     |
| 17'   | 8'0"     | 6'8"     | 5'9"     |
|       | (8'2")   | (6'9")   | (5'11")  |
| 18'   | 7'9"     | 6'5"     | 5'8"     |
|       | (7'11")  | (6'7")   | (5'9")   |
| 19'   | 7'7"     | 6'3"     | 5'6"     |
|       | (7'9")   | (6'5")   | (5'7")   |
| 20'   | 7'5"     | 6'1"     | 5'4"     |
|       | (7'7")   | (6'3")   | (5'6")   |

### HD/OH SUPPORT

| Proj. | 20 psf | 30 psf | 40 psf |
|-------|--------|--------|--------|
| 4'    | 19'8"  | 13'4"  | 10'0"  |
| 5'    | 15'8"  | 10'8"  | 8'0"   |
| 6'    | 13'2"  | 8'10"  | 6'8"   |
| 7'    | 11'2"  | 7'7"   | 5'8"   |
| 8'    | 9'10"  | 6'7"   | 5'0"   |
| 9'    | 8'8"   | 5'11"  | 4'5"   |
| 10'   | 7'10"  | 5'3"   | 4'0"   |
| 11'   | 7'1"   | 4'10"  | 3'11"  |
| 12'   | 6'2"   | 4'2"   | 3'8"   |



**UAB School of Engineering  
Birmingham, AL**



**Cocke County Field House  
Cocke County, TN**

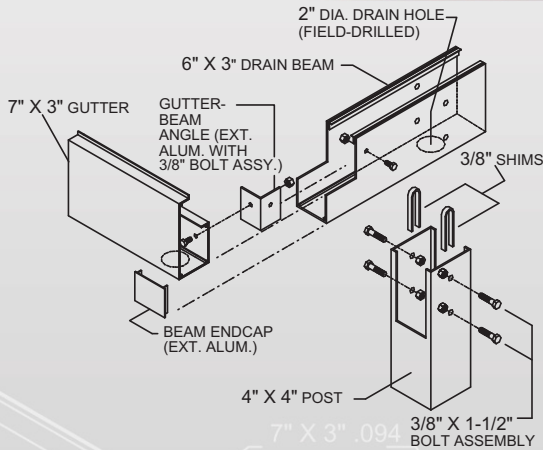
# SUPERIOR METAL PRODUCTS LLC

email: [canopysales@superiormetalproducts.com](mailto:canopysales@superiormetalproducts.com)

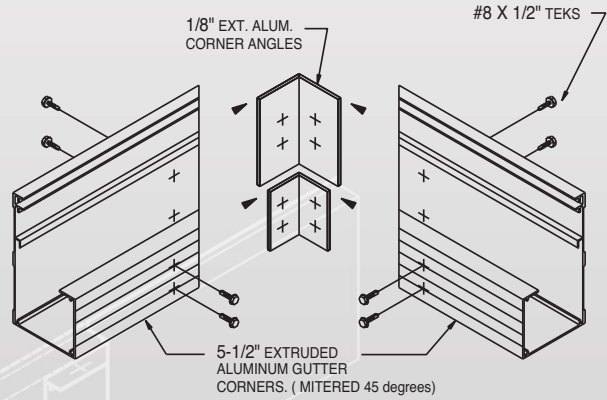
Call Toll Free: 1.877.445.1200 • Fax: 1.205.945.5694

## TYPICAL APPLICATIONS

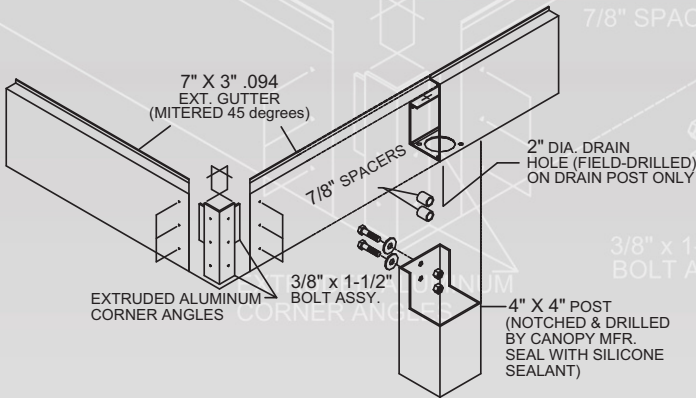
### TYPICAL MECHANICAL BENT



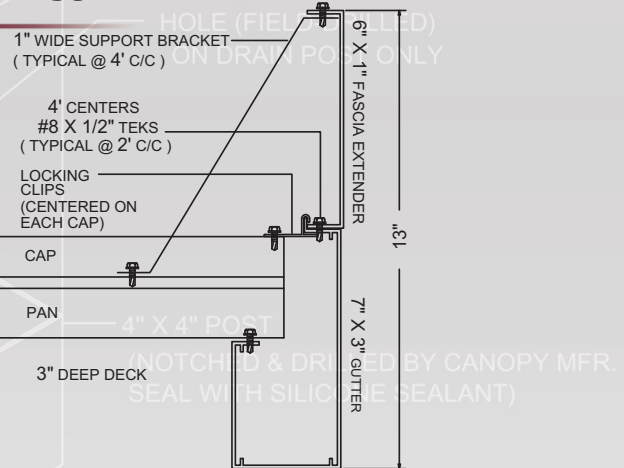
### MITRED CORNER



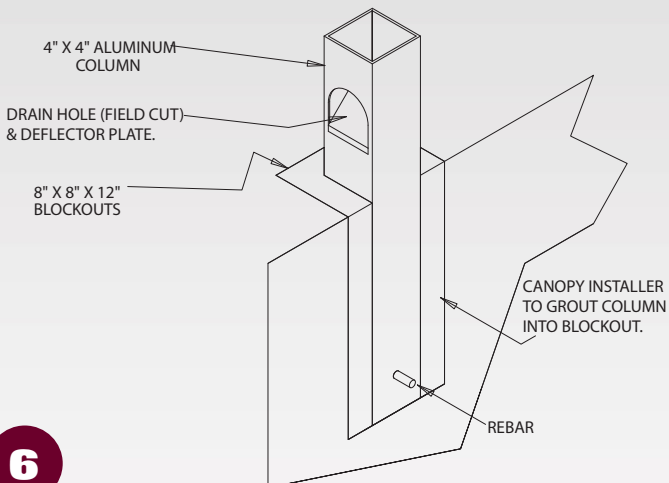
### TYPICAL COLUMN @ FASCIA



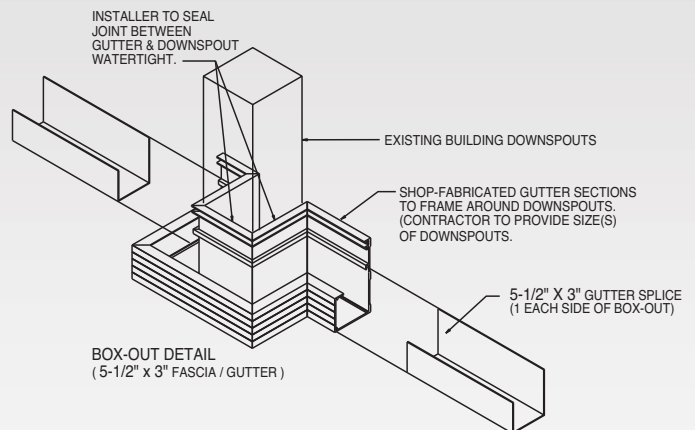
### OPTIONAL FASCIA EXTENDER



### TYPICAL BLOCKOUT



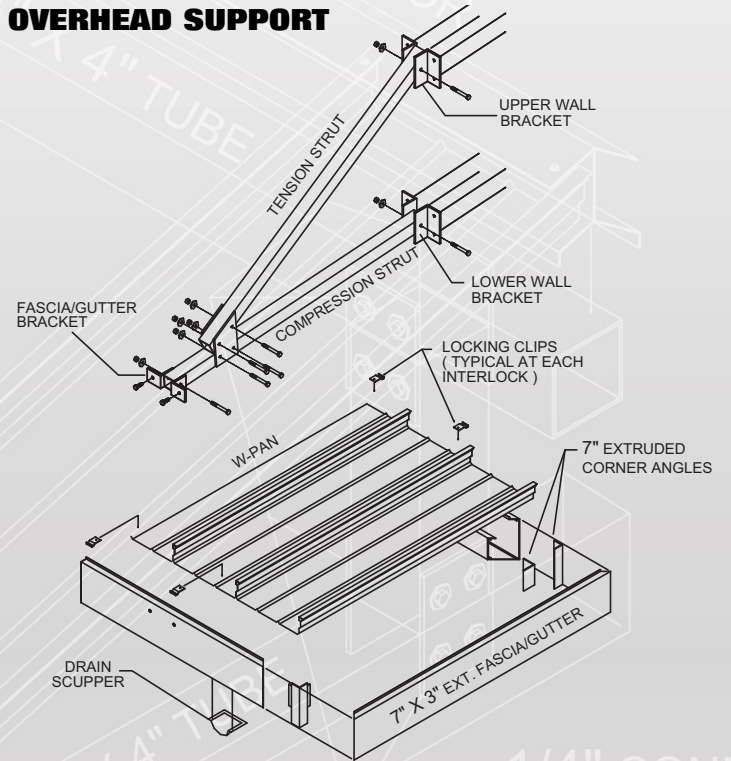
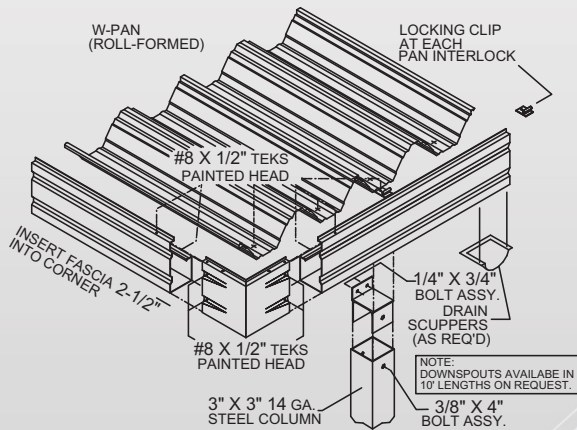
### BOX OUT DETAIL



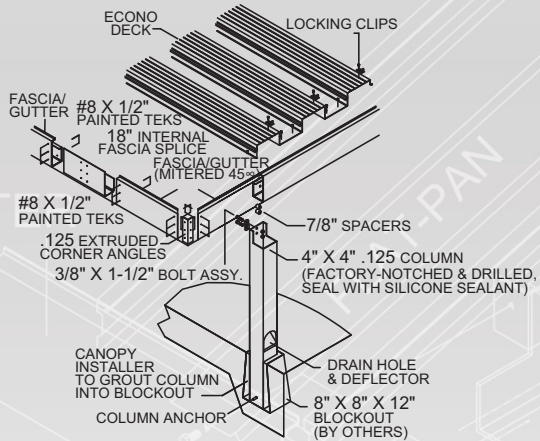


# Aluminum Canopies and Walkway Covers

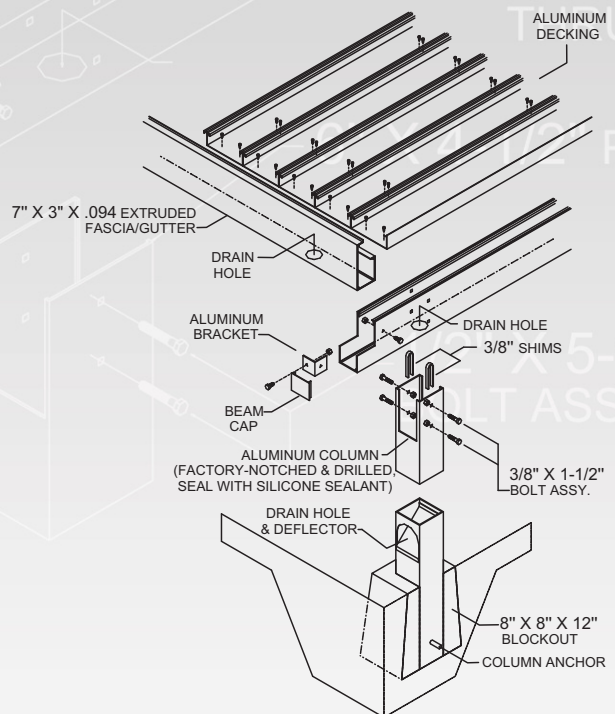
## ROLLFORMED CANOPY ASSEMBLY OVERHEAD SUPPORT



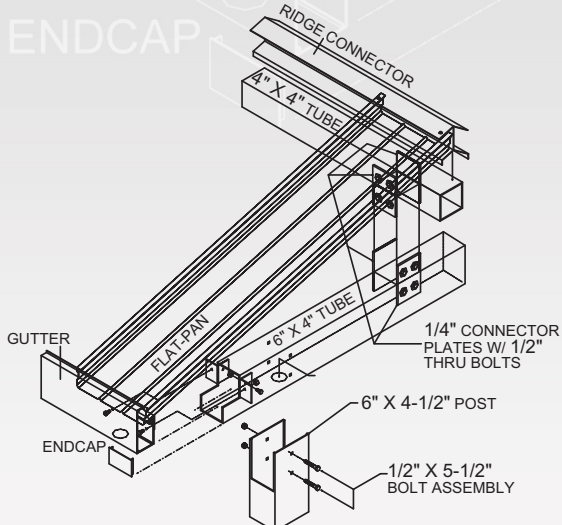
## CANOPY ASSEMBLY



## FLUSH DECK ASSEMBLY



## GABLE CROSS SECTION



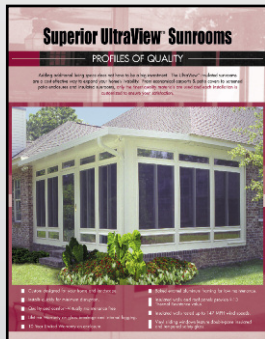


- Aluminum rollformed or extruded fascia/gutter.
- Baked-on paint finish for years of maintenance free beauty.
- 10 year Limited Warranty on material and finish.
- Every cover is custom designed and fabricated to your particular needs.
- Protect your vehicles and outdoor furniture.



- Individually designed for your home.
- Aluminum flat pan roof panels for beauty and strength.
- Your choice of 18" aluminum kickplates or none.
- Aluminum 2" X 2" horizontal rail, wall studs and corner posts for strength.
- 1" x 2" Pickett system available

**SUPERIOR ULTRAVIEW™ SUNROOMS**



- Custom designed for your home and landscape.
- Vinyl horizontal sliding windows feature double-pane insulated and tempered safety glass.
- Baked enamel aluminum framing for low maintenance.
- Both window sashes are removable and operate left to right and right to left.
- Insulated walls tested up to 147 MPH wind speeds.

- 3-1/4" thick insulated wall panels provide R-15 thermal rating.
- Roof panel has R-13 Thermal Resistance value for energy savings.
- 10 year Warranty on enclosure and Lifetime Warranty on glass breakage and prolonged internal fogging.
- Optional fan beam allows for installation of fan and/or light fixture.
- Wall panels available in white or tan fiberglass and white or tan Smooth textured aluminum.
- Electrical baseway system available.
- Tempered glass kickplates and transoms available.

**MEDALLION SUNROOMS**



- Insulated, tempered glass—standard for safety!
- Each window is a full 5' high for expanded viewing area.
- Both window sashes operate right to left and left to right.
- Both window sashes are removable.
- 3-inch roof has R-13 Thermal Resistance value for energy savings.

- Optional fan beam allows for installation of fan and/or light fixture.
- 2" thick insulated wall panels provide R-9 thermal rating.
- 10 year Warranty on enclosure and Lifetime Warranty on glass breakage and prolonged internal window fogging.
- All structural components constructed from 6063 T5 aluminum alloy with baked on enamel paint.
- Electrical baseway system available.

**STORM AND SCREEN DOORS**



- Full 1-1/4" thick extruded aluminum mainframe.
- 1/8" or 3/16" tempered safety glass.
- Enamel finish: bronze, cream, white or tan.
- Solid brass hardware, lever latch, keyed deadbolt (outside) thumb turn bolt (inside).
- Five heavy duty self lubricating hinges with bronze bushings.
- Brass-tone adjustable bottom expander with vinyl sweep.
- Optional platinum hardware available.

**VINYL WINDOWS**



- All welded frame, welded sashes.
- LoE<sup>3</sup>-366 glass and Argon Gas filled - Standard.
- 3/4" sealed insulated glass with DuraSeal™ spacer.
- Double Hung sashes tilt in and Slider sashes remove for safe, easy cleaning from inside.
- Limited Lifetime Warranty.
- Available in white and beige.
- Energystar qualified-all 50 states

- All windows are custom manufactured to your exact measurements to ensure a perfect fit and care free operation.



**SUPERIOR METAL PRODUCTS LLC**  
 116 Citation Court  
 Birmingham, Alabama 35209-6307



**Toll Free: 1.877.445.1200 • fax: 205.945.5694**  
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