

COPT VCC External Turnstile



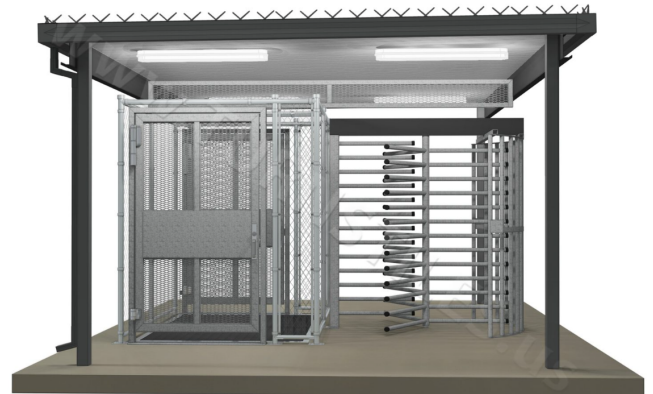
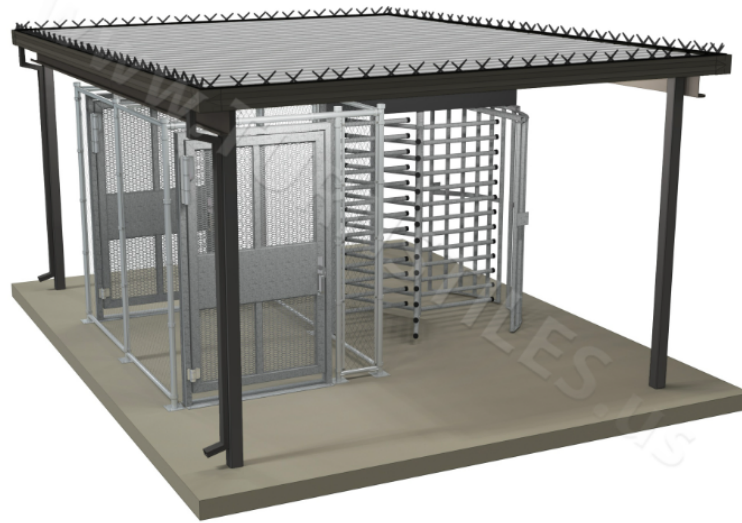
Exterior Secure Entry System

with Turnstile, Man Trap Cubicle, and Canopy

BEATY PALMER ARCHITECTS

TURNSTILES.us

Concept



FIRST DRAWN	BY
05-04-26	CJC
REVISED	BY
05-14-26	CJC
05-19-26	CJC
08-14-26	RJI



TURNSTILES.us

SECURING THE USA and the GLOBE since 1989

www.TURNSTILES.us

Call: 303-670-1099 | Text: 303-918-9787

patrick.mcallister@turnstiles.us

Beaty Palmer Architects Inc.
20 X 16 CANOPY
HS439-S Full Height Turnstile
2 HS348-ADA-M Swing Gates
in Chain-Link Construction
Man-Trap Configuration

Beaty Palmer Architects Inc.
20 X 16 CANOPY - HS439-S
HS348-ADA-M CH-L MAN TRAP
ELD - REV D

PAGE: 1 OF 1



Components

Exterior Secure Entry System

with Turnstile, Man Trap Cubicle, and Canopy



Single Turnstile

39" Passage



Chain Link Man Trap

with 48" Gates, Fully Enclosed



Turnstile Canopy

16' x 20' Single Slope

Major System Components

System Component	Proposed Model / Description	Features
Full-Height Turnstile	HS439-S-GV	Galvanized; 2-way electric operation
ADA Security Gates	HS348-ADA-GV	Galvanized; security-mesh infill
Reader Mounting	Reader Mounting Plates	Access-control reader mounting provisions
Mantrap Enclosure	7' x 9'-6" x ~8' Chain-Link Mantrap	Secure enclosed passage; coordinated with gates/turnstile
Weather Canopy	16' x 20' Freestanding Sloped Canopy	Post-supported; exterior weather protection



Additional Options / System Requirements

- Horizontal mesh filler
- Anti-climb spikes
- Presence-detection mat
- Canopy lighting
- Access-control hardware
- NEMA enclosure / control hardware
- Security cameras

System Requirements / Coordination



TURNSTILES.us Installation Scope

TURNSTILES.us will provide installation of the equipment purchased as part of this system, including:

- Uncrating and equipment placement
- Installation and anchoring of turnstiles, gates, mantrap, and canopy
- Use of manufacturer-provided mounting hardware
- Removal of equipment packaging and installation debris to the customer-provided disposal area

Additional tools, materials, equipment rentals, or site-specific requirements may be identified during installation and added as required.



Customer Site Preparation

Prior to installation, the customer/contractor shall provide:

- Level, fully cured concrete pad suitable for equipment anchoring
- Prepared canopy footers/foundations
- Required electrical power, conduit, and low-voltage pathways to equipment locations
- Electrician and other trade coordination as required
- Clear and accessible work area for installation
- Accessible trash/disposal area for packaging and debris
- Required site access, permissions, and coordination for installation personnel

Existing utilities shall be verified prior to excavation or anchoring. The project RFI notes that below-grade drawings are available and recommends below-grade scanning where necessary to verify utilities, sprinklers, and fiber lines.

Equipment shall be installed in accordance with approved equipment-location drawings and manufacturer requirements.



Additional Information

See TURNSTILES.us Terms and Conditions for additional installation, site preparation, and project requirements:

<https://www.turnstiles.us/terms-and-conditions/>

Product Data Sheets

Additional installation manuals, technical documentation, and manufacturer resources are available upon request and online at www.TURNSTILES.us

The High-Security Series

Manual or Electronic Passage Gate | Interior & Exterior Application

HS336-ADA | HS348-ADA



HS336 (stainless steel)

* All models available in stainless steel, powder coat or galvanized.

The Truly "Custom" ADA Gate:

Our HS336-ADA is our ADA solution to perimeter security. This self-closing, heavy duty swing gate provides a wheelchair accessible 36" passage width (with an overall width of 43.375"), or the HS348 (with an overall width of 55.375"). It's low voltage strike lock can be used mechanically or electronically depending on your needs. It features our hinging system that only requires 5ft. pounds of opening force. It is available in all of our standard finishes including stainless steel (304 or 316), carbon steel with powder coating, or hot-dipped galvanized, to match our turnstiles perfectly. Your choice of standard vertical bars or reach prevention mesh allows for a custom experience. A treadplate walkway adds additional rigidity and helps in preventing installation mishaps.



Panic hardware, guard and mesh should be used for Free Exit situations.

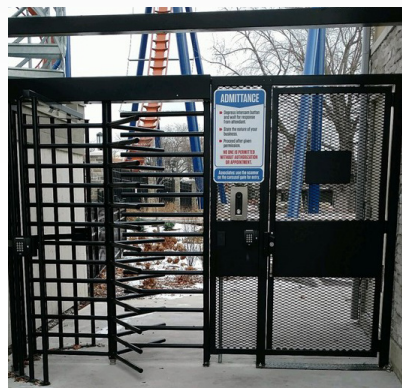
Panic bar not available without mesh.



HS336 - Front
(powder coat
with mesh)



HS336 - Back
(stainless steel
with mesh)



HS430 with mesh filler barrier and
HS336-ADA mesh gate.



HS348-ADA galvanized
gate and turnstile

We're the #1 Choice of Top Architects, Security Pros and Engineers

For more than 30 years, TURNSTILES.us has been the globally trusted name in pedestrian control equipment. Made in Ohio and shipped worldwide, we are the first choice of leading architects, facility managers, security consultants, and engineers. Whether your project requires high security full-height turnstiles, waist high units, or matching ADA accessible gates, TURNSTILES.us is the secure choice. We're experienced in access control systems, from card readers to biometric scanning, to give you the power to control access.



Standard powder coating color selections:

Additional colors available and can be quoted upon request.

							
Geiger Black II 60% Gloss (aka Vulcan Black)	RAL 9003 Signal White	RAL 1013 Oyster White	RAL 9007 Grey Aluminum	RAL 5023 Distant Blue	RAL 5010 Gentian Blue	RAL 6002 Leaf Green	RAL 8028 Terra Brown

The High-Security Series

HS336-ADA | HS348-ADA

Manual or Electronic Passage Gate | Interior & Exterior Application



Applications:

Ideal for controlling orderly flow of foot traffic in both indoor and outdoor settings (matching gate to our High-Security Full-Height Single and Tandem Turnstiles)

Available Finishes:

- Hot dipped galvanized carbon steel
- Carbon steel with powder coating
(standard color is black/ other colors available upon request)
- Our signature 304 stainless steel, No. 4 satin finish
- For any **outdoor** or **wet indoor** application, you must order Galvanized, **PC OVER GALV**, or stainless (preferably 316). We do not warranty any "PC only" product that is placed in wet environments.

Design & Construction:

- Designed for secure operation with aesthetics in mind
- Featuring fully welded exterior components
- Minimal exposed hardware
- Heavy gauge materials meeting ASTM standards

Installation Methods:

- Core drilling of frame posts (preferred)
- 1/2" concrete anchors from tread plate (requires removing core legs from frame)

Operation:

- Field reversible electronic strike (24VDC) can be set to lock or open on power failure
- Gate can also be unlocked with no power by configuring the strike fail lock and using a key
- Gate automatically swings closed with standard hydraulic door closer
- Voltage for electronic strike can be taken from nearby turnstile power supply
- Opening force: 5ft. lbs.

Options:

- Panic bar (-ms only)
- Magnetic lock (replaces strike)
- Motorized gate opener for interior applications only (requires 110VAC, adds 3" to overall height of gate)
- Push buttons (wired or wireless)
- Variable passage widths (up to 40"); or you can choose our 48" option
- Additional options available upon request

Dimensions:

HS336-ADA/HS348-ADA

Size of opening (pedestrian clearance):

- HS336-ADA 36" (914.4mm)
- HS348-ADA 48" (1219.2mm)

Frame:

- 2" X 3" (50.8mm X 76.2mm) 11 gauge box tubing

Swing Gate:

- 2" X 2" (50.8mm X 50.8mm) 11 gauge box tubing

Exterior Height:

- 91" (2311.4mm)

Interior Height:

- 87.812" (2230.4mm)

Available Door Filler Materials:

- 1 1/2" Diameter 14 gauge (38.1mm)
- 1 3/4" Diameter 14 gauge (44.4mm) (HD Model) (16 gauge on stainless models)
- 3/4" #9 Expanded Metal Mesh (Flattened) (MS-Mesh Model)

* Dimensions are subject to change without notice

Standard Hardware:

Door Closer:

- Locinox Mammoth 180

Deadlatch:

- Adams Rite 4510 Series with 31/32" Backset

Strike:

- Adams Rite 7100 Series Electronic Strike, 24VDC

Cylinder:

- Schlage C keyway - standard
- SFIC available

Optional Hardware:

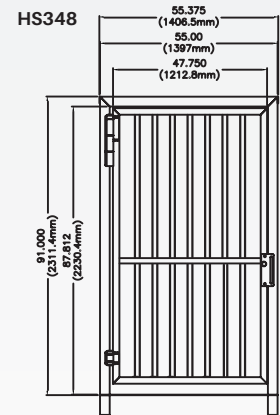
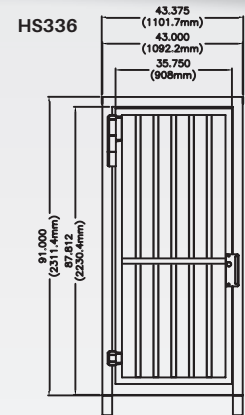
Door Opener:

- Norton 5730 Low Energy Operator, Aluminum

Push to Exit Panic Bar:

- Adams Rite 8400 Exit Device, Aluminum
- We can source additional custom hardware choices. Please provide your required specs for a quotation.

Matching Full-Height Turnstiles Available in Single (HS427-S, HS430-S, HS439-S, HS448-S) and Tandem (HS427-T, HS430-T) Designs.



Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.

Electrical Specifications:

UL Listed Electronic Strike:
Input Voltage: 24VDC
Input Current: 170 mA

Standards and Codes:

Austenitic stainless steel:
ASTM A240, A249, A276

Hot rolled steel:
AISI C-1020, AISI C-1018

Hot dipped galvanizing:
ASTM A-143, ASTM A-153-80

All fasteners provided meet IFI ANSI/ASME Fastener Standards

American Welding Society (AWS) Standard D 1.1



The High-Security Series

HS427-S | HS430-S | HS439-S | HS448-S

Full-Height Turnstile (Single) | Interior & Exterior Application

TURNSTILES.us manufactures the most reliable full-height turnstiles available. The High-Security Series units can be engineered to meet all your security and control requirements, and can be created as stand-alone units, or as part of an integrated system. Available in stainless steel (304 or 316), carbon steel with powder coating, or hot-dipped galvanized finish. These units can be fitted for any application with leading edge technology and features.

Controls and Interfaces:

- Biometric Integration
- Fail-Open or Fail-Secure Locking
- Card Readers
- Push-Button and Wireless Remotes
- Electronic/LCD Counters
- Manual Key Override – both directions
- Indicator Lights



Optional black or safety orange end caps available.



Also available in hot-dipped galvanized or powder coat finishes.



Size Options (pedestrian clearance):

- HS427-S: 27" (685.8mm)
- HS430-S: 30" (762mm)
- HS439-S: 38.5" (978mm)
- HS448-S: 49.319" (1252.7mm)

304 Stainless, No. 4 Satin finish (shown)

Optional full canopy available in stainless steel.



Shown (below) HS430-S powder coated turnstile with optional ADA Mesh Gate and custom size Filler Barrier (made to your job's requirements)



Standard powder coating color selections:

Additional colors available and can be quoted upon request.

							
60% Gloss Black	60% Gloss White	RAL 1013 Oyster White	RAL 9007 Grey Aluminum	RAL 5023 Distant Blue	RAL 5010 Gentian Blue	RAL 6002 Leaf Green	RAL 8028 Terra Brown

We're the #1 Choice of Top Architects, Security Pros and Engineers

For more than 30 years, TURNSTILES.us has been the globally trusted name in pedestrian control equipment. Made in the USA and shipped worldwide, we are the first choice of leading architects, facility managers, security consultants, and engineers. Whether your project requires high security full-height turnstiles, waist high units, or matching ADA accessible gates, TURNSTILES.us is the secure choice. We're experienced in access control systems, from card readers to biometric scanning, to give you the power to control access.

	Depth	Width	Passage Width	Passage Height	Overall Height
	A*	B*	C*	D*	E*
HS427-S	57.375" (1457.3mm)	62" (1574.8mm)	27" (685.8mm)	84" (2133.6mm)	91" (2311.4mm)
HS430-S	59.250" (1505mm)	66" (1676.4mm)	30" (762mm)	84" (2133.6mm)	91" (2311.4mm)
HS439-S	76" (1930.4mm)	84" (2133.6mm)	38.5" (978mm)	84" (2133.6mm)	91" (2311.4mm)
HS448-S	96.187" (2443.1mm)	106" (2692.4mm)	49.319" (1252.7mm)	84" (2133.6mm)	91" (2311.4mm)

The High-Security Series

HS427-S | HS430-S | HS439-S | HS448-S

Full-Height Turnstile (Single) | Interior & Exterior Application

Applications:

Ideal for controlling orderly flow of foot traffic in both indoor and outdoor settings

Design & Construction:

- Designed for secure operation with aesthetics in mind
- Featuring fully welded exterior components
- Minimal exposed stainless steel hardware
- Heavy gauge materials meeting ASTM standards

Dimensions:

HS427-S

- Pedestrian Clearance: 27" (685.8mm)
- Width: 62" (1574.8mm)
- Depth: 57.375" (1457.3mm)

HS430-S

- Pedestrian Clearance: 30" (762mm)
- Width: 66" (1676.4mm)
- Depth: 59.250" (1505mm)

Arm & Barrier Tubing Sizes

(HS427-S & HS430-S):

- Standard: 1 1/2" (38.1mm) diameter 14 gauge
- Optional: 1 3/4" (44.4mm) diameter 14 gauge (16 gauge - Stainless Steel models)

HS439-S

- Pedestrian Clearance: 38.5" (978mm)
- Width: 84" (2133.6mm)
- Depth: 76" (1930.4mm)

HS448-S

- Pedestrian Clearance: 49.319" (1252.7mm)
- Width: 106" (2692.4mm)
- Depth: 96.187" (2443.1mm)

Arm & Barrier Tubing Sizes

(HS439-S & HS448-S):

- Standard: 1 3/4" (44.4mm) diameter 14 gauge

All Models:

- Overall Exterior Height: 91" (2311.4mm)
- Passage Height: 84" (2133.6mm)
- Removal of Cover: Minimum of 4" needed

* Dimensions are subject to change without notice

Available Finishes:

- Hot dipped galvanized carbon steel
- Carbon steel with powder coating
(standard color is black/ other colors available upon request)
- Our signature 304 stainless steel, No. 4 satin finish, or 316 stainless

Operation Features

6500 Series Control Head:

- Auto-indexing (self-centering) with adjustable hydraulic shock suppression
- Hardened tool steel locking bars, cam and roller assemblies
- Permanently lubricated bearings
- Your choice of manual or electronic control on both directions
- Nearly universal integration to any number of access control systems
- Your choice on each electronic direction of locking or unlocking on power failure

Options:

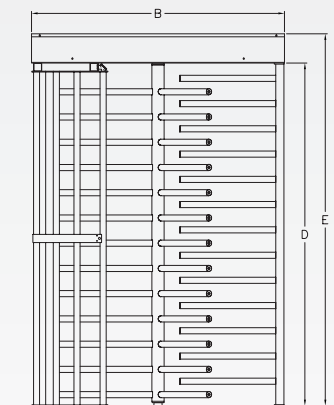
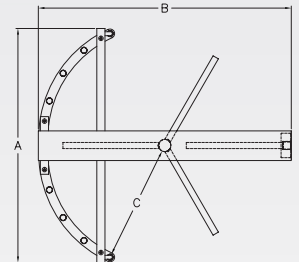
- Card reader mounting plates
- Daylight visible indicator lights
- Bi-directional key overrides
- Lockout bar (padlock not included)
- Decorative arm caps
- Stainless steel overhead full canopy
- Half canopy (covers passageway)
- 8 digit key resettable LCD counter with seven year lithium battery
- Cold weather package, including thermostat controlled heater and insulated mainframe
- Push button and wireless remotes
- Heel guard arm covers
- Additional options available upon request

Warranty:

Units are warranted against defects in materials and workmanship for a period of one year from date of delivery. See warranty information for specific details.

Matching Swing Gate available:

(see model HS336 and model HS348 Manual Passage Gate information)



* Dimensions are approximate based on chart on reverse side

Electrical Specifications:

Input Voltage: 100-240 VAC
Input Current: 1.3 - .55 A
Frequency: 50/60 Hz

Storage Temperature: -40 to 158°F
Operating Temperature: -4 to 131°F
(Cold weather package available)

Operating Voltage: 24VDC
Operating Current: 1.2 A (typical)

Standards and Codes:

Austenitic stainless steel:
ASTM A240, A249, A276

Hot rolled steel:
AISI C-1020, AISI C-1018

Hot dipped galvanizing:
ASTM A-143, ASTM A-153-80

All fasteners provided meet IFI ANSI/
ASME Fastener Standards

American Welding Society (AWS)
Standard D 1.1

The 6500 Series Control Head
is certified to conform to the
following standards:
UL 294, UL 325, UL Subject 2593,
CAN/ULC S319 & CSA C22.2#247



Advantage International Registrar to
be an ISO 9001:2015 company

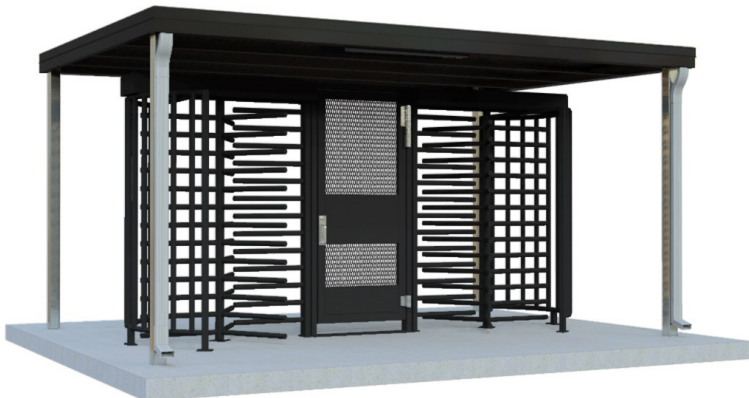
Turnstile Canopy Shelters

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.

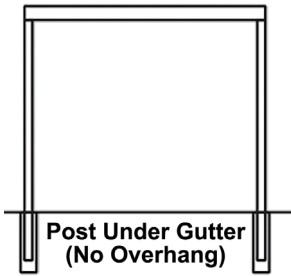
Canopies are available in several configurations, and we offer options to add enclosed walls, partitions, doors, and more.

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

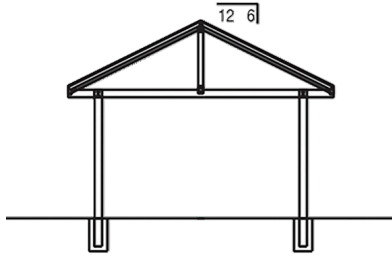


CONFIGURATIONS

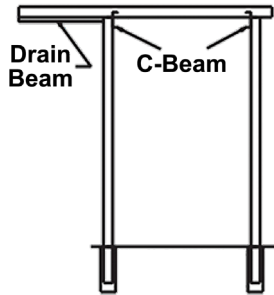
STANDARD



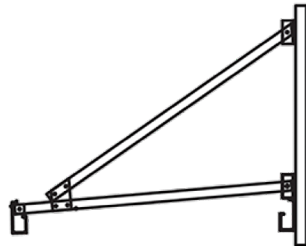
GABLE CANOPY



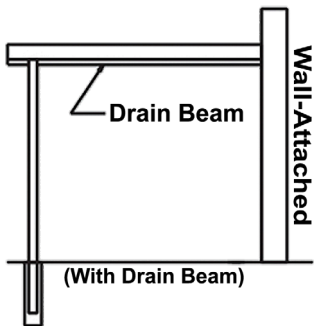
BUS CANOPY



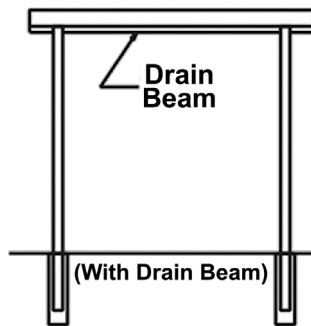
OVERHEAD SUPPORT



SINGLE OVERHANG



DOUBLE OVERHANG

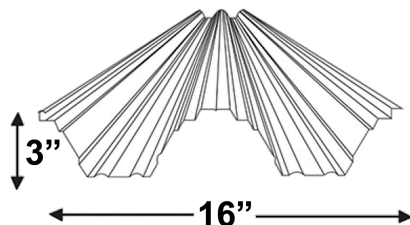


SERVICE, QUALITY & VALUE

ROLL FORMED DECKING / PANELS

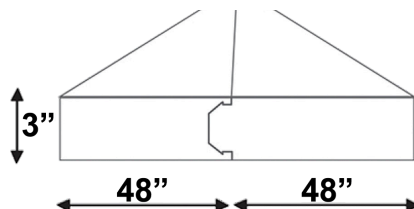
16" x 3" W-PAN

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.



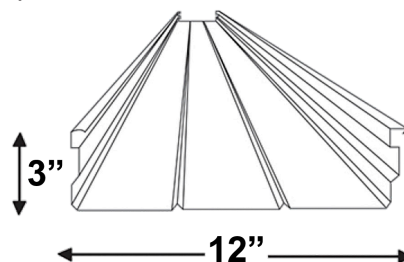
INSULATED ROOF PANEL

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



12" x 3" FLAT PAN

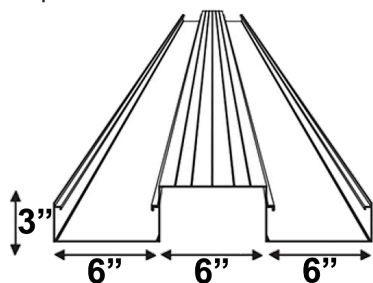
Roll formed aluminum Flat Pans provide smooth underside. Available in .025 & .032 metal thickness for spans to 12'1" at 20 p.s.f. live load, & L/60 deflection.



EXTRUDED DECKING

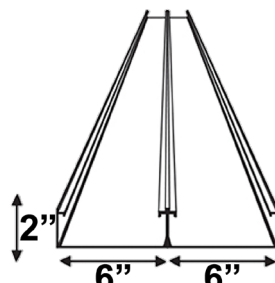
ECONO DECKING

.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"

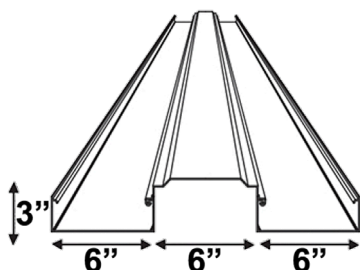
.062 6063-T6 extruded aluminum decking sections offer maximum economy for spans to 14'8" at 20 p.s.f. live load L/60 deflection.



LONG SPAN DECKING

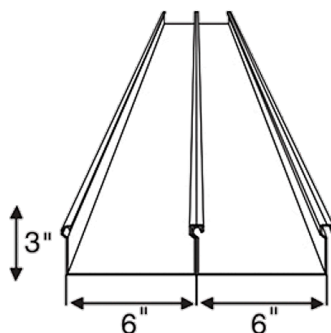
.075 6063-T6 extruded aluminum decking sections allow increased column of bent spacing for spans to 20'0" at 20 p.s.f. live load, limiting deflection to L/60.

Ref: #95131 Compliance Report

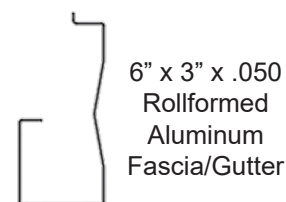


.078 FLUSH DECKING - 3"

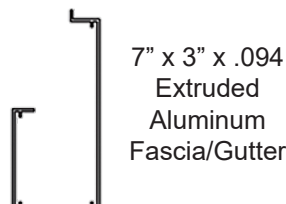
.078 6063-T6 extruded aluminum decking sections provide smooth underside to decking system for spans to 14'9" at 20 p.s.f. live load & L/60 deflection.



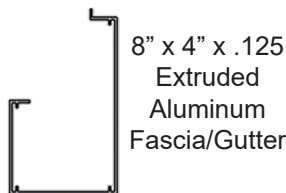
STRUCTURAL COMPONENTS



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.
All rights reserved.

Exterior Secure Entry System

Thank You!

TURNSTILES.us

COMPANY BRIEF

www.TURNSTILES.us, Inc.
Small Business

CAGE: 36SD8
GSA: GS 07F 9239S
DUNS: 181428611
NAICS: 238990
SIC: 1799

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Patrick.McAllister@TURNSTILES.us
www.TURNSTILES.us

TURNSTILES.us is a professional organization specializing in the physical and electronic securing of building entrances with Turnstiles, Mantraps, EntraPASS Access Control Hardware, and Software since 1989. We are a U.S. Federal Government Contract Holder and are registered with the U.S. Federal Government System for Award Management.

TURNSTILES.us headquarters is located in the Rocky Mountain Region of Colorado. Our team of engineers and sales professionals are strategically located across the United States to enable us to address our clientele. Our expert project team offers turnkey solutions for commercial public sector and private markets including access control system analysis, design, installation, and implementation, and raises the bar for the highest standards in the turnstile security industry.

