



October 10, 2022

Lyman Davidson Dooley, INC
1640 Powers Ferry Rd
Marietta, GA 30067

To Whom It May Concern,

In an effort to work in conjunction with the contractors involved with your companies upcoming project, Rockdale Fire Station #10, Tennessee Valley Metals, Inc. of Birmingham, AL would like to request product approval on the aluminum canopy system manufactured by our firm. I have enclosed some specifications and engineering information related to our product. Please feel free to call if you have any questions. Thank you for your consideration.

Regards,

Adam Clements
Design

**190 INDUSTRIAL PARK ROAD
OFFICE (205) 274-9500**

**P.O. Box 1100
(800) 551-2579**

**ONEONTA, AL 35121
FAX (205)274-9501**

WWW.TVMETALS.COM

40 Years of Canopy Experience

- *Tennessee Valley Metals, Inc. is one of the largest manufacturers of aluminum extruded and roll-form canopy systems in the Southeast. With over 40 years of experience, we assist in all elements related to design and engineering of a canopy system that fits most needs and budgets.*
- *Our canopy systems are fabricated using the highest quality components to ensure long life and durability and are designed to follow local building codes and specific architect requirements.*

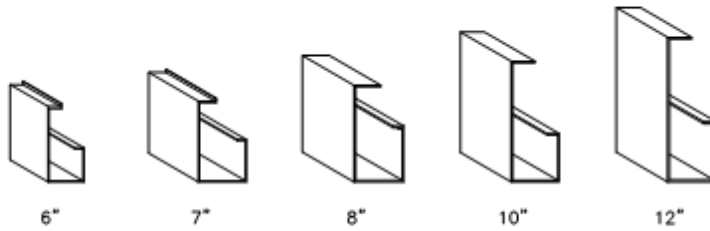


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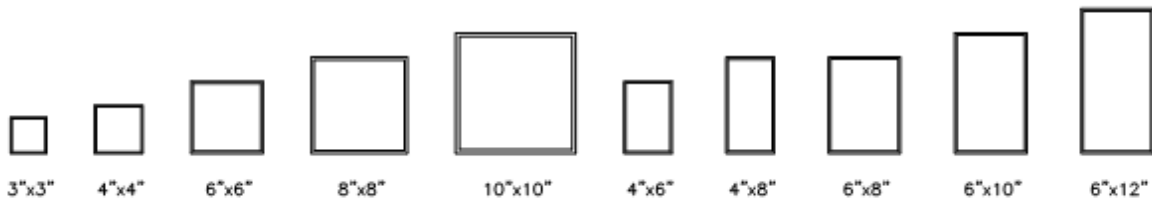
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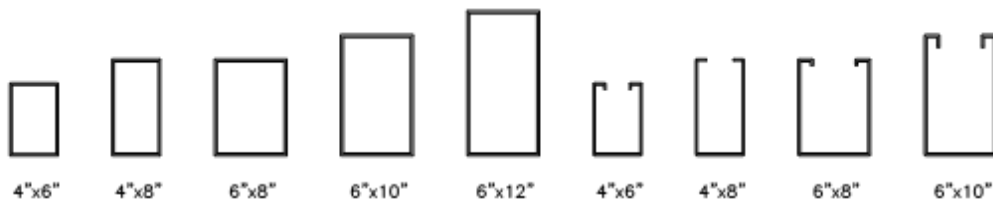
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FASCIA OPTIONS



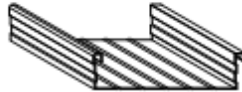
COLUMN OPTIONS



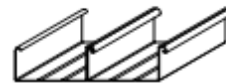
BEAM OPTIONS



Roll Formed W-pans



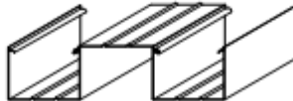
Roll Formed Flat Pans



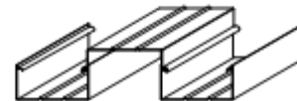
Extruded Flat Pans



3" Extruded Pan & Cap



4½" Extruded Pan & Cap



3" Extruded Pan & 1½" Cap

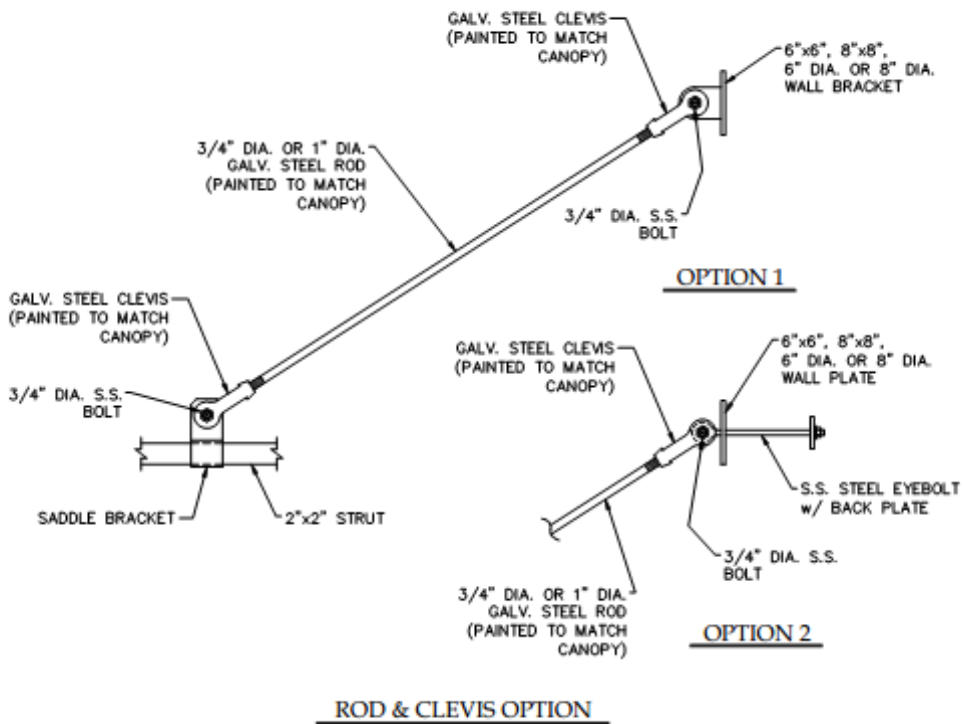
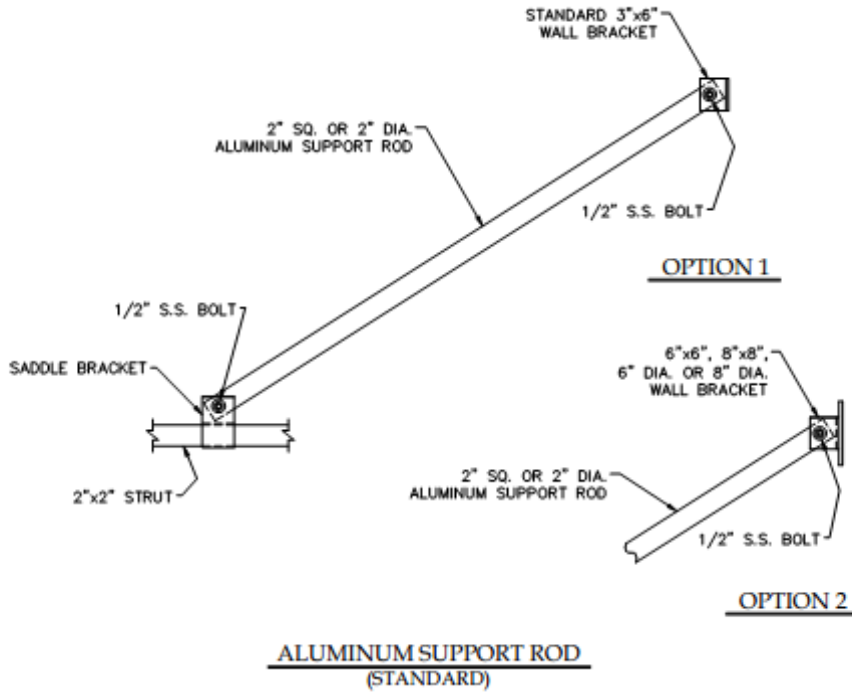
DECK OPTIONS

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SUPPORT ROD OPTIONS

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EXTRUDED ALUMINUM WALKWAY COVERS



Our extruded aluminum post-supported canopies can provide a custom design solution for any new or existing project. Our systems are constructed with a standard, sloped, gabled or curved style while using high quality components with unlimited color options.

Extruded aluminum walkway covers not only shield customers and students away from sun and inclement weather, they also provide an attractive accent to a business or school's overall appearance. Our walkway covers are extremely durable and are engineered specifically to meet local building codes.

Contact a TVM team member today to discuss your next project. We are committed to providing excellent customer service and establishing long-lasting relationships with our customers.

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Components:

- Extruded aluminum 6063 alloy, heat treated to T-6 temper
- Radius-cornered columns
- Extruded deck with self-flashing sections interlocking into a composite unit
- Multiple fascia options available - from 6" to 12" profiles
- AAMA 2603, 2604, 2605 finishes available in a variety of colors.

Applications:

- Schools
- Bus Loading Areas
- Office Buildings
- Equipment Protection

Please visit tvmetals.com to view standard and premium color options as well as PDF and AutoCAD drawings.



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Custom Designed Overhead Supported Canopies



A custom designed overhead supported canopy from Tennessee Valley Metals provides high-quality, attractive protection from the elements needed for entrances, loading docks, exit doors and much more.

TVM can help design the perfect overhead system to enhance your next building project. Using highly durable extruded aluminum, we offer a variety of support arm, hanger rod, and bracket options. We also offer a variety of color selections based on location and durability requirements.

Contact a TVM team member today to discuss your next project. We are committed to providing excellent customer service and establishing long-lasting relationships with our customers.

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Components:

- Extruded aluminum 6063 alloy, heat treated to T-6 temper
- Standard 2" tubular rods or rod and clevis combination
- Extruded deck with self-flashing sections interlocking into a composite unit.
- Multiple fascia options available - from 6" to 12" profiles.
- AAMA 2603, 2604, 2605 finishes available in a variety of colors.

Applications:

- Doorways
- Windows
- Walkways
- Loading docks
- Handicap ramps

Please visit tvmetals.com to view standard and premium color options as well as PDF and AutoCAD drawings.



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We can provide baked enamel, kynar, powdercoat or anodized finishes. Standard, premium and custom colors are available in our paint finishes. Clear anodize is our standard but black and shades of bronze are available.



Tennessee Valley Metals, Inc. can provide paint, powdercoat or clear anodized finishes to meet a variety of needs and budgets. We also have a 34 foot powder coating booth and oven to offer numerous custom color solutions. Specifications and suggested uses for available finishes are listed below.

AAMA PAINT SPECIFICATIONS*

	AAMA 2603	AAMA 2604	AAMA 2605
SUGGESTED USES	RESIDENTIAL LIGHT COMMERCIAL ALL INTERIOR APPLICATIONS	COMMERCIAL INDUSTRIAL HIGH-END RESIDENTIAL HIGH-TRAFFIC AREAS	HIGH PERFORMANCE ARCHITECTURAL MONUMENTAL APPLICATIONS
SOUTH FLORIDA WEATHERING			
COLOR RETENTION	1 YEAR SLIGHT FADE	5 YEARS FADE = 5 Δ** E-MAX	10 YEARS FADE = 5 Δ** E-MAX
CHALK RETENTION (WHITES)	1 YEAR SLIGHT CHALK	5 YEARS CHALK = 8 OR BETTER	10 YEARS CHALK = 6 OR BETTER
CHALK RETENTION (COLORS)	1 YEAR SLIGHT CHALK	5 YEARS CHALK = 8 OR BETTER	10 YEARS CHALK = 8 OR BETTER
GLOSS RETENTION	NO SPECIFICATIONS	5 YEARS = 30% RETENTION MIN	10 YEARS = 50% RETENTION MIN
EROSION RESISTANCE	NO SPECIFICATIONS	5 YEARS = 10% LOSS MAX	10 YEARS CHALK = 10% LOSS MAX
DRY FILM THICKNESS	.08 MILS MINIMUM	1.2 MILS MINIMUM	1.2 MILS MINIMUM
ACCELERATED TESTING			
SALT SPRAY	1,500 HOURS-PASSED	3,000 HOURS-PASSED	6,000 HOURS-PASSED
HUMIDITY	1,500 HOURS-PASSED	3,000 HOURS-PASSED	4,000 HOURS-PASSED
COMPLIANT SYSTEMS	70% PVDF RESIN*** 50% PVDF RESIN*** BAKED ENAMEL	70% PVDF RESIN*** 50% PVDF RESIN***	70% PVDF RESIN***

* Contact AAMA (American Architectural Manufacturers Association) for latest revisions and changes to AAMA specifications | www.aamanet.org

** 5 (Δ) E HUNTER UNITS

*** Polyvinylidene Fluoride (PVDF) is the chemical term for both Kynar 500™ and Hylar 5000™

(Kynar and Kynar 500 are registered trademarks of Arkema, Inc. Hylar and Hylar 500 are registered trademarks of Solvay Solexis)

CLEAR ANODIZED SPECIFICATIONS

	AAMA 611
CORROSION RESISTANCE	CLASS I = 3,000 HRS SALT SPRAY CLASS II = 1,000 HRS SALT SPRAY
COATING WEIGHT	CLASS I = 14.18 MG/CM ² CLASS II = 2.40 MG/CM ²
COATING THICKNESS	CLASS I = .0007" MG/CM ² CLASS II = .0004" MG/CM ²
LIGHT FASTNESS (COLOR ONLY)	5 ASE
ABRASION RESISTANCE	NOT DEGRADED BY ABRASIVE GLASS PAPER



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