

# PRODUCT REQUIREMENTS FOR DOWNTOWN TRANSIT CENTER

## METALS

All finished metal fabrications which are exposed to public view should be finished with smooth, flat surfaces without sharp edges or burrs. Ease all edges. Weld corners and seams continuously

Steel plate and bars: ASTM A36

Stainless Steel plates and bars: ASTM A 276, Type 304

Cold-Formed Steel Tubing: ASTM A 500

Steel Pipe: ASTM A 53, Standard Weight (Schedule 40) minimum.

Aluminum Extrusions: ASTM B 221, Alloy 6063-T6

Aluminum Castings: ASTM B 26, Alloy 443.0-F.

Fasteners to be Type 304 stainless-steel (to fasten aluminum or stainless steel) or zinc-plated with coatings as required.

Provide Low-Emitting materials for paints and coatings. Refer to standard project specifications for Exterior Painting, and High-Performance Coatings.

Repair any damaged galvanized surfaces prior to painting.

Pack all plate and connection voids next to site concrete with non-shrink, nonmetallic grout.

Level all installations with shims or leveling nuts.

Clean all installations and affected areas around the installations prior to installation and again prior to completion of the work.

## STONE

Comply with ASTM C568.

Oolitic Limestone shall be classified as II Medium Density at a minimum and shall be sourced from Indiana limestone quarried in Lawrence, Monroe or Owen Counties, Indiana.

Stone finish and texture is not limited except any split-face type finishes should not create sharp edges.

Fasteners, angles leveling shims or plates, and miscellaneous supports shall all be fabricated from stainless steel, ASTM A 240 or ASTM A666, Type 304. Any dowels or pins for the anchors shall be fabricated from stainless steel, ASTM A 276, Type 304.

Weep and vent all cavity or voids using medium-density, polyethylene tubing, ¼" to ½ in diameter.

Clean all installations and affected areas around the installations prior to installation and again prior to completion of the work.

All exposed stone construction shall receive an anti-graffiti coating per building specifications.