

SPECIFICATIONS:

Classification: Residential Structure – Single Dwelling

Code: ASME A17.1 2013, Section 5.3

Operation: Constance Pressure

Model: Artisan Atrium 58X48

Drive Type: Winding Drum

Power Supply: 230V, 30A Single Phase, 50/60 Hz.

Motor: 3 HP with Integrated Brake

Capacity: 750 lbs

Speed: 20 fpm

Suspension Type: 2 Aircraft Cables, 3/8" Diameter, 7x19

Cable Strength: 14,400 lbs

Interlocks: Honeywell RDI, EMI

Safeties: ECLW 1-A, Type A Instantaneous

Cab Walls: 42" Hight Hand Rail

Hoistway Walls: By Others

Hoistway Frame: 8lb T-Rails With Blocking By Others

Pit/Floor Load: 3500 lbs Dead Load, 7000 Impact Load

Cab Weight: 550 lbsF

Number of Levels: 2 Levels

Travel: 120"

Pit Depth: Pitless

Cab Size: 40.606"wide x 50.606"deep x 80"high

Gate Type: N/A

Gate Operation: N/AI

COP Type: Push Button

Cab Lights: N/A

Frame Finish: Powder Coat – TBD

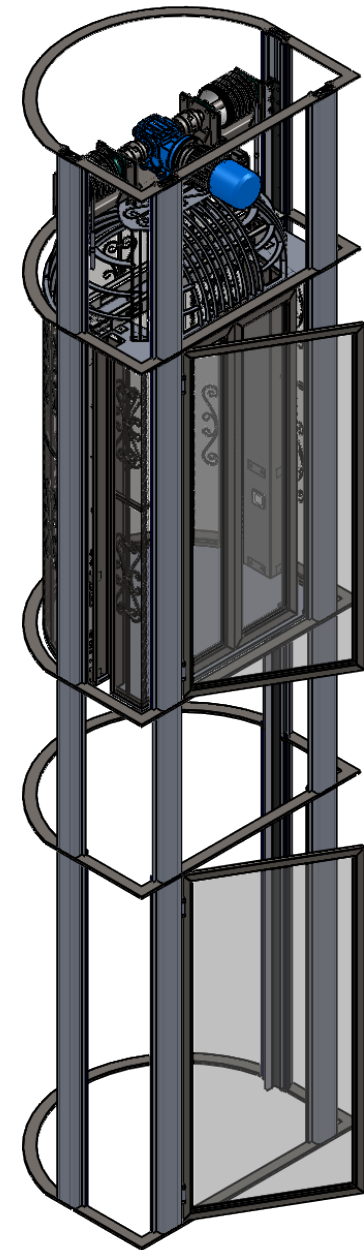
Cab Finish: Powder Coat – TBD

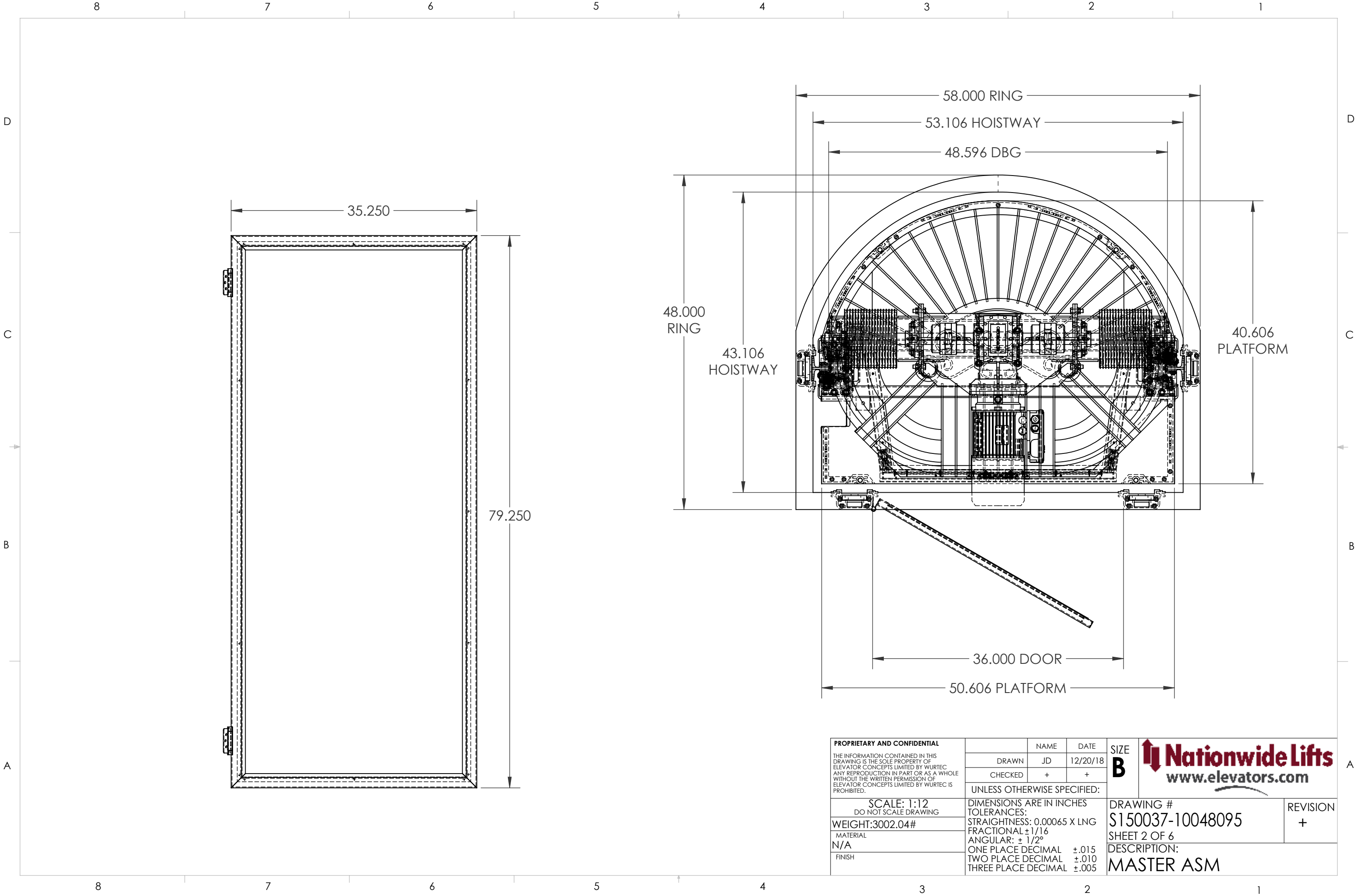
Floor Finish: Powder Coat – TBD

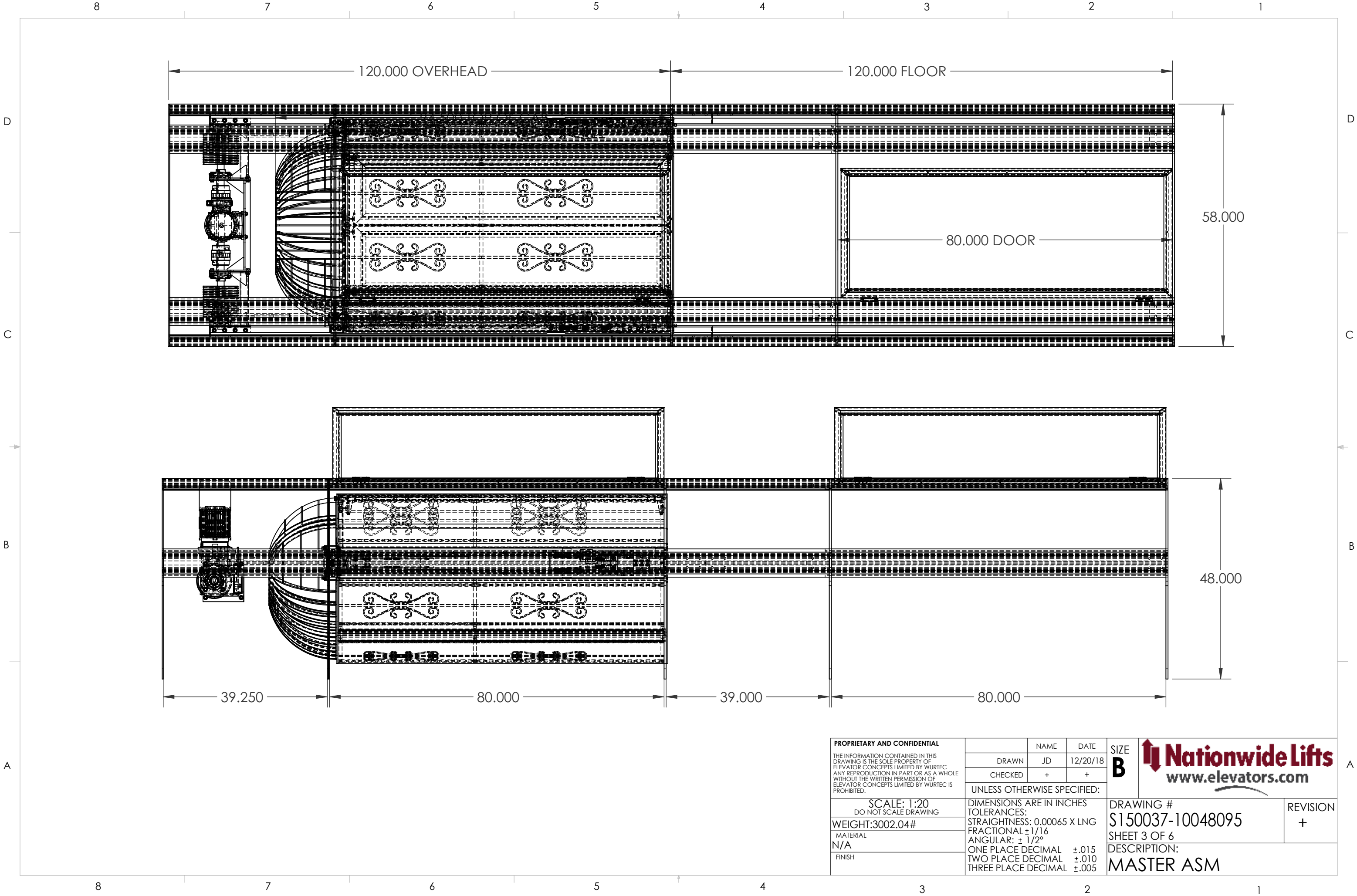
Handrail Finish: Powder Coat – TBD


Gate Finish: Powder Coat – TBD

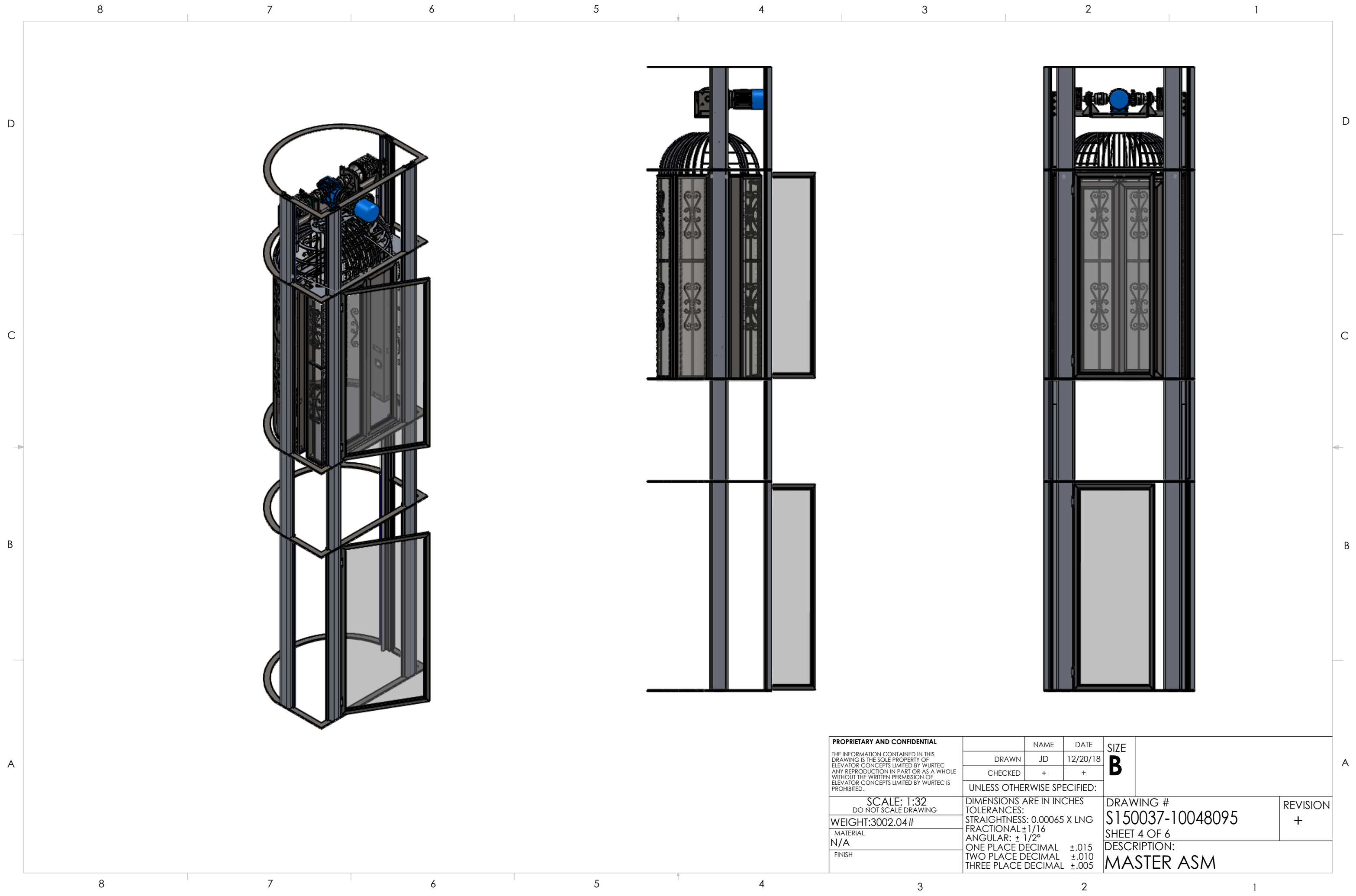
COP Finish: Powder Coat – TBD



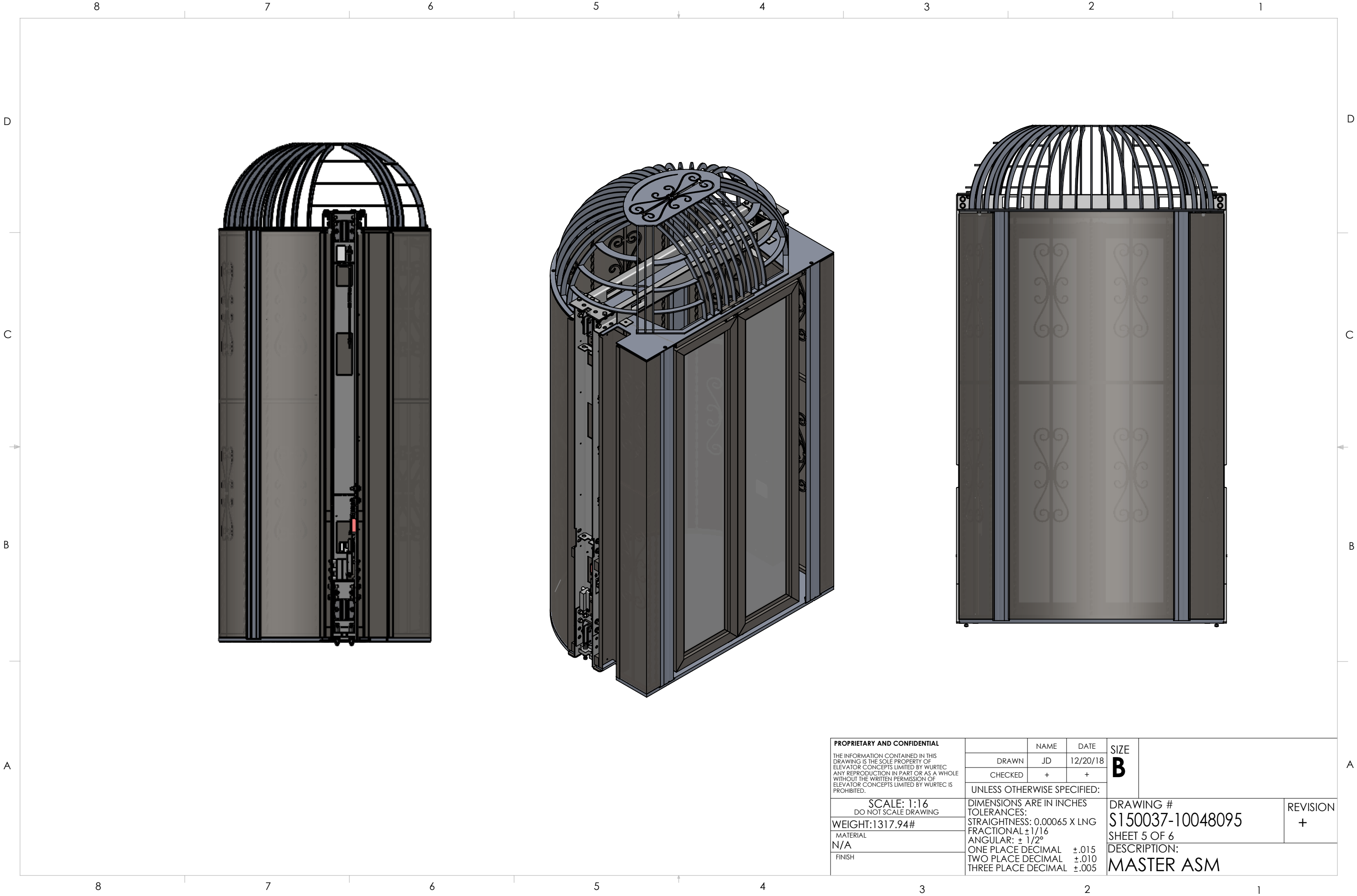




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SCALE: 1:20 DO NOT SCALE DRAWING		DIMENSIONS ARE IN INCHES TOLERANCES: STRAIGHTNESS: 0.00065 X LNG FRACTIONAL ± 1/16 ANGULAR: ± 1/2° ONE PLACE DECIMAL ±.015 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005			DRAWING #		REVISION
WEIGHT:3002.04#					S150037-10048095		
MATERIAL N/A					SHEET 3 OF 6		DESCRIPTION: MASTER ASM
FINISH							



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	DRAWN	JD	12/20/18			
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SCALE: 1:32 DO NOT SCALE DRAWING	DIMENSIONS ARE IN INCHES TOLERANCES: STRAIGHTNESS: 0.00065 X LNG FRACTIONAL ±1/16 ANGULAR: ± 1/2° ONE PLACE DECIMAL ±.015 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005			DRAWING #		REVISION +
WEIGHT:3002.04#				S150037-10048095		
MATERIAL N/A				SHEET 4 OF 6		
FINISH				DESCRIPTION: MASTER ASM		



SITE PREPARATION

The following items are the responsibility of the owner or general contractor. These items must be completed prior to beginning the elevator installation.

- Electrical Main Power, Lighting Power, GFI, Lights, and Phone. See Electrical Preparation section.
- Wire chases must be run from the controller location to the top of elevator. See Electrical Preparation section.
- The lowest landing floor must be capable of supporting the load as specified in the drawings.
- Overhead clearance must meet the minimum requirements as outlined in the drawings.
- Finished floors must be installed prior to installation of the elevator.
- If elevator is attaching to a balcony, final handrails at balcony must not be installed prior to elevator. Precautions must be taken to protect the landings from fall hazards. Final handrails must be installed immediately after elevator.
- If the elevator is traveling through a hole in the floor, the hole must be cut to exact measurements as shown in drawings. The space between the ceiling and floor must be finished as it may be seen from inside the elevator.
- If a pit is required, the dimensions that match the drawings. Pit must be level, and be constructed to handle the load as specified in drawings.

ELECTRICAL PREPARATION

The location of the elevator controller must be discussed with the Elevator Contractor. Local and national codes must be considered when determining the location. There are several things that must be installed in the location of the controller. It is the responsibility of the Owner, General Contractor, or Electrician to install the following items in close proximity to the elevator controller.

- 240V, 30A Disconnect, Fused, 3 Pole, with Lockable Arm. Square D #D321N or equivalent will meet this requirement. Although the service is single phase, the elevator requires a 3 pole disconnect as the 3rd pole is used for the battery backup circuit. There must be 36" of clear space in front of the disconnect.
- 120V, 15A Disconnect, Fused, 2 Pole, with Lockable Arm. Square D #D221N or equivalent will meet this requirement. There must be 36" of clear space in front of the disconnect.
- Live Phone Line. This can be a shared line. This will be routed from the controller to a phone located inside the elevator cab. This is required by code.
- GFI Outlet. This is needed for servicing the elevator. This is required by code.
- Lighting. The area around the controller must have a permanent light in a protected fixture, providing suitable light for servicing the elevator.
- There must be 36" of clear space in front of the controller. The controller measure 24"w x 24"h x 8"d.
- Wire chases must be run from controller location to top of elevator. If there is not a way to run to the ceiling above the elevator, consult with the Elevator Contractor for an alternative solution. One wire chase is designated high voltage and must be capable of holding qty 8 AWG #12 wires. One wire chase is designated low voltage and must be capable of holding qty 10 CAT5 wires. Note, the wires can be pulled prior to sheetrock if needed.

