

## SECTION 12 35 00 – SPECIALTY CASEWORK

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Provide the work of this Section in accordance with requirements of the Contract Documents
- B. This Section includes specialty casework furniture including:
  - 1. Double Position Counter(DPC) **MWK-01**
  - 2. ADA Cabinet **MWK-03**
  - 3. Narrow Body Backscreen **MWK-04**
  - 4. Charger Table-3 Position **MWK-06D**
  - 5. Charger Table-3 Position-low right hand **MWK-06F**
  - 6. Charger Table - 3 Position - low left-hand **MWK-06G**
  - 7. Liquid Dumping Station **MWK-07**
  - 8. Paper Towel Dispenser Cabinet **MWK-08A**
  - 9. Paper Towel Dispenser Cabinet **MWK-08B**
  - 10. Charging Table - 8 Position **MWK-10(E)**
  - 11. Rebooking Center Storage Cabinet **MWK-12**

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
  - 1. Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.
  - 2. Show locations and sizes of cutouts and holes for electrical and mechanical service and equipment, and other items installed in specialty casework.
  - 3. For countertops, show materials, finishes, edge and backsplash profiles, methods of joining, and cutouts for electrical and mechanical service and equipment, locations and details of joints.
- B. Sustainable Design Submittals:
  - 1. Building Product Disclosure and Optimization - Sourcing of Raw Materials:
    - a. Extended Producer Responsibility (EPR): Submit documentation indicating that manufacturers have a take back or recycling program for the product purchased.
    - b. Bio-based Materials: For bio-based products and materials other than wood, submit documentation of product data and testing results in compliance with LEED requirements.
    - c. Wood Products: Submit documentation of Forest Stewardship Council or USGBC equivalent certification.
    - d. Materials Reuse: For products that are salvaged, refurbished, or reused, include a statement indicating costs for each product.
    - e. Recycled Content: For products having recycled content, indicate percentages by weight of post-consumer and pre-consumer recycled content.
      - 1) Include statement indicating costs for each product having recycled content.
    - f. Regional Materials: For products that are required to comply with requirements for regional materials, indicating location of material manufacturer and point of extraction, harvest, or recovery for each raw material.
      - 1) Include statement indicating distance to Project, cost for each regional material and the fraction by weight that is considered regional.

2. Indoor Environmental Quality, Low Emitting Materials: Building Products must be tested and compliant with the California Department of Public-Health (CDPH) Standard Method V1.1-2010 or v1.2 2017, using the applicable exposure scenario.
  - a. For paints, and coatings, wet applied, include printed statement of VOC content, showing compliance with the applicable VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure for Architectural Coatings or the South Coast Air Quality Management District (SCAQMD) Rule 1113-2011.
  - b. Adhesives and Sealants: For wet applied on-site products, submit printed statement showing compliance with the applicable chemical content requirements of SCAQMD Rule 1168, effective July 1, 2005 and rule amendment date of January 7, 2005.
  - c. Alternative tests for VOC above include ASTM D2369-10; ISO 11890 part 1; ASTM D6886-03; or ISO 11890-2.
  - d. Methylene Chloride and perchloroethylene may not be added to paints, coating, adhesive or sealants
  - e. Composite Wood: Submit documentation showing that wood used in the project has low formaldehyde emissions that meet the California Air Resources Board ATCM for formaldehyde requirements for ultra-low emitting formaldehyde (ULEF) resins or no added formaldehyde resins.

### 1.3 INFORMATIONAL SUBMITTALS

#### A. Sustainable Design Submittals:

1. Building Product Disclosure and Optimization - Environmental Product Declarations
  - a. Submit product specific type III EPDs or Industry wide (generic) EPDs, USGBC approved program declaration or products with a publicly available, critically reviewed life-cycle assessment conforming to ISO 14044 that have at least a cradle to gate scope.
2. Building Product Disclosure and Optimization - Material Ingredients
  - a. Material Ingredient Reporting: Submit documentation confirming chemical inventory of products to at least 0.1 % (1000ppm) with at least one of the following:
    - 1) Submit published manufacturer inventory of ingredients identified by name and Chemical Abstract Service Registration Number (CASRN)
    - 2) Submit documentation that product has been certified as Cradle-to-Cradle v3 at the Bronze Level or better
    - 3) Submit Declare product label indicating that all ingredients have been disclosed down to 1000 ppm or designated as Red List Free or Declared
    - 4) Living Product Challenge
    - 5) Product Lens Certification
    - 6) USGBC approved program.
  - b. Material Ingredient Optimization: Submit documentation confirming chemical inventory of products to at least 0.01 % (100ppm) and/or that has a compliant material ingredient optimization report with at least one of the following:
    - 1) Submit GreenScreen V1.2 Benchmark: Third party report prepared by a licensed GreenScreen List Translator, or a full GreenScreen Assessment.
    - 2) Submit third-party verified documentation that product has been certified as Cradle-to-Cradle v3 at the Bronze Level or better
    - 3) Submit third-party verified Cradle to Cradle v3 Material Health certificate at the Bronze Level or better
    - 4) Submit third-party verified Declare product label indicating that all ingredients have been disclosed down to 100 ppm

- 5) Submit third-party verified documentation that product is Living Product Challenge certified with a Red List Free or LBC Red List Free Declare label.
- 6) Submit documentation that product has a manufacturer prepared action plan with material inventory to at least 1000 ppm.

#### **1.4 CLOSEOUT SUBMITTALS**

- A. Maintenance Instructions: Furnish maintenance instructions for each item specified for use during construction and for use by the Owner after acceptance of the Work. . Provide product data for care products used or recommended by installer/fabricator and names, addresses and telephone numbers of local sources for products.

#### **1.5 QUALITY ASSURANCE**

- A. Fabricator Qualifications: Approved by American Airlines, Refer to American Airlines Real Estate Finishes, Furniture, and Equipment Design Standards Manual, Revision 4 – December 2021 for additional information.
- B. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
  1. Build room corner mockups of the public toilet room to be constructed in the field include the following:
    - a. Wall tile.
    - b. Floor tile / wall base,
    - c. Corner guards.
    - d. Acoustical panel ceiling system.
    - e. Linear floor drain in accordance with Division 23.
    - f. Toilet partitions.
    - g. Water closets in accordance with Division 23.
    - h. Washroom accessories.
    - i. Typical countertop.
  2. Build room corner mockups of the Gate and Boarding area to be constructed in the field include the following:
    - a. Carpet tile.
    - b. Transitions to terrazzo flooring.
    - c. Ceiling
    - d. Lighting in accordance with Division 26.
    - e. Gate counter.
    - f. Furniture.
  3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
  4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

#### **1.6 DELIVERY, STORAGE, AND HANDLING**

- A. Protect specialty casework during transit, delivery, storage, and handling to prevent damage, soilage, and deterioration.
- B. Do not deliver specialty casework until painting and similar operations that could damage materials and finishes have been completed in installation areas. If specialty casework must be

stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.

## **1.7 FIELD CONDITIONS**

- A. Environmental Limitations: Do not deliver or install specialty casework until building is enclosed, wet work is complete, and HVAC system is operating and will maintain temperature and relative humidity at occupancy levels during the remainder of the construction period.
- B. Environmental Limitations: Do not deliver or install specialty casework until building is enclosed, wet work is completed, and HVAC system is operating and will maintain temperature between at occupancy levels 60 and 90 deg F (16 and 32 deg C) and relative humidity between 25 and 55 percent during the remainder of the construction period. Do not install specialty casework until these conditions have been attained and stabilized so that specialty casework is within plus or minus 1.0 percent of optimum moisture content from date of installation through remainder of construction period.
- C. Field Measurements: Where specialty casework is indicated to fit to other construction, check actual dimensions of other construction by accurate field measurements before fabrication and indicate measurements on product data. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

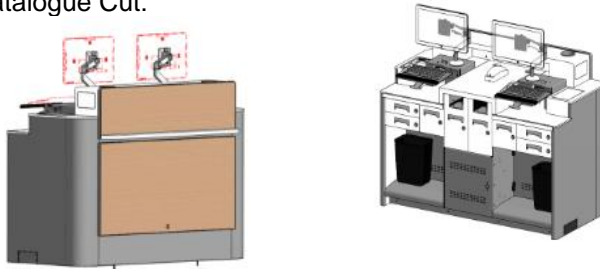
## **1.8 COORDINATION**

- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that specialty casework can be supported and installed as indicated.
- B. Coordinate location of electrical outlets and power feeds with Electrical and Data Communications Trades as required to accommodate connection of these utilities through specialty casework to equipment housed within.
- C. Coordinate locations of utilities that penetrate countertops or backsplashes.

## PART 2 - PRODUCTS

### 2.1 SPECIALTY CASEWORK

#### A. Double Position Counter (DPC) **MWK-01:**

Area:	<p>ATO:</p> <ul style="list-style-type: none"> <li>DPC comes with blank solid surface inserts to fill the hole provided for an IER 602 boarding pass reader.</li> </ul> <p>Gate:</p> <ul style="list-style-type: none"> <li>DPC comes with a stainless-steel cradle to accommodate an IER 602 boarding pass reader on one side, and a blank solid surface insert on the other side. In addition, solid surface inserts will be supplied to cover the scale reader cutouts on the side/vertical face of the counters.</li> </ul> <p>BSO:</p> <ul style="list-style-type: none"> <li>Custom printer inserts are provided to accommodate a TTY printer.</li> </ul> <p>Customer Service Areas:</p> <ul style="list-style-type: none"> <li>Custom printer inserts are provided to accommodate a TTY printer.</li> </ul>
Manufacturer:	Jensen Cabinet, Inc Bromack Company
Description:	<p>A double position counter serves two agents and has the capability to be used at ATO's, gates, BSO's, and customer service areas. When ordering a DPC, specify to the vendor where the intended use is because the DPC is custom configured to function in the area intended. Counter includes 12 locks which require 1 core/lock. Station to manage and procure cores, either locally or contact Todd Onley (T. 480-693-7341/ E. todd.onley@aa.com). Locks can accommodate 7 pin cores from Best or Olympus. Additional information can be found here:  <a href="http://www.olympus-lock.com/cores.htm">http://www.olympus-lock.com/cores.htm</a></p>
Dimensions	66 in L x 34-1/16 W (including purse ledge) x 45-7/8 H
Standard Equipment	<p>Coordinate with American Airline IT</p> <ul style="list-style-type: none"> <li>IER 602 boarding pass reader</li> <li>Monitor</li> <li>CPU</li> <li>Bag Tag Printer</li> <li>Boarding Pass Printer</li> <li>BSO and Customer Service Config.: Dot matrix Printer</li> </ul>
Lead Time	Depends on manufacturer availability, typically 4-6 weeks
<p>Catalogue Cut:</p> 	

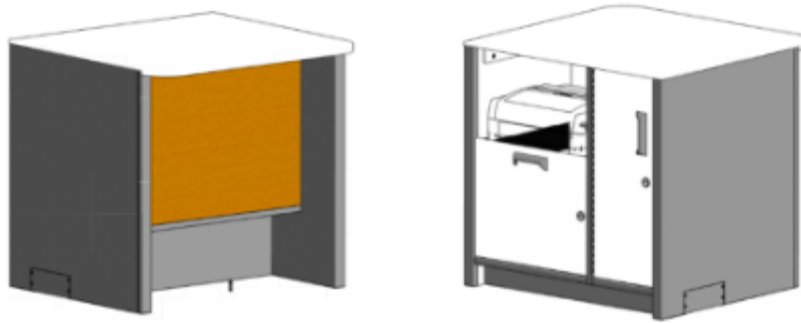
**B. Existing Triple Position Counter (SPC) MWK-02(E):**

Area:	Right hand <ul style="list-style-type: none"> <li>Right-handed SPC is configured for the monitor, keyboard, and IER 602 boarding pass reader on the right side of the podium.</li> </ul> ATO <ul style="list-style-type: none"> <li>SPC comes with blank solid surface inserts to fill the hole provided for an IER 602 boarding pass reader.</li> </ul> Gate <ul style="list-style-type: none"> <li>SPC comes with a stainless-steel cradle to accommodate an IER 602 boarding pass reader on the other side. In addition, solid surface inserts will be supplied to cover the scale reader cutouts on the side/vertical face of the counters.</li> </ul>
Manufacturer:	Jensen Cabinet, Inc Bromack Company
Description:	A triple position counter, has the capability to be used at ATO's, gates.
Dimensions	43-3/4 in L 37-1/16 in D (including purse ledge) 32 in D (footprint) 45-7/8 in H
Standard Equipment	Coordinate with American Airline IT <ul style="list-style-type: none"> <li>IER 602 boarding pass reader</li> <li>Monitor</li> <li>CPU</li> <li>Bag Tag Printer</li> <li>Boarding Pass Printer</li> </ul>
Lead Time	N/A
Catalogue Cut: Existing	

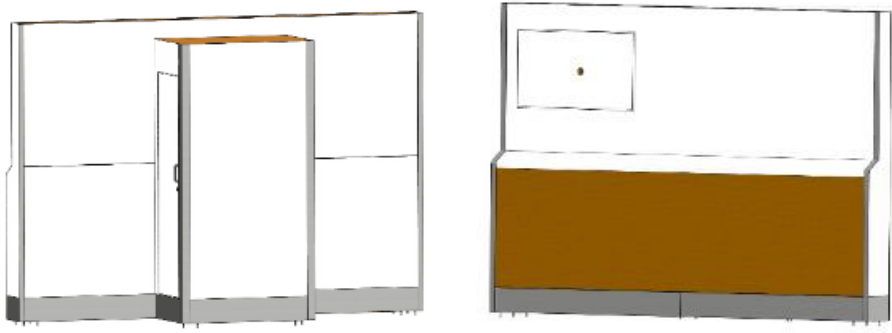
**C. ADA Cabinet MWK-03:**

Area:	ATO Gate <ul style="list-style-type: none"> <li>BSO</li> <li>Customer Service Areas</li> </ul>
Manufacturer:	Jensen Cabinet, Inc Bromack Company
Description:	An ADA Cabinet is the ADA compliant position used at ATO's, gates, BSO's, and customer service areas. Counter includes 2 locks which require 1 core/lock. Station to manage and procure cores, either locally or contact Todd Onley (T. 480-693-7341/ E. todd.onley@aa.com). Locks can accommodate 7 pin cores from Best or Olympus. Additional information can be found here: <a href="http://www/olympus-lock.com/cores.htm">http://www/olympus-lock.com/cores.htm</a>
Dimensions	33-3/4 in L 31-1/2 in D (including overhang) 27-1/4 in D (footprint) 32 in H
Standard Equipment	Coordinate with American Airline IT <ul style="list-style-type: none"> <li>Dot Matrix Printer</li> </ul>
Lead Time	Depends on manufacturer availability, typically 4-6 weeks

Catalogue Cut:

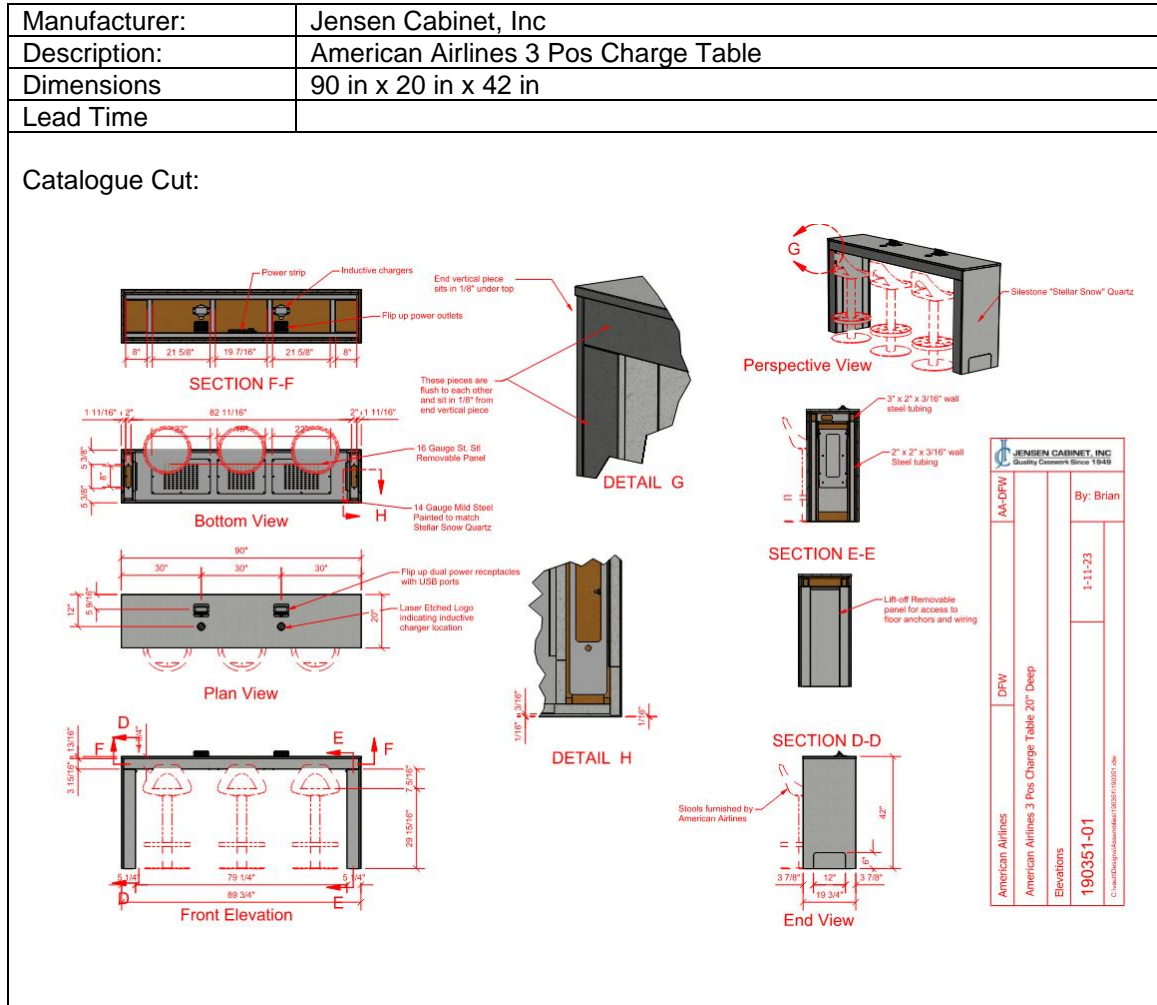


D. Narrow Body Backscreen **MWK-04:**

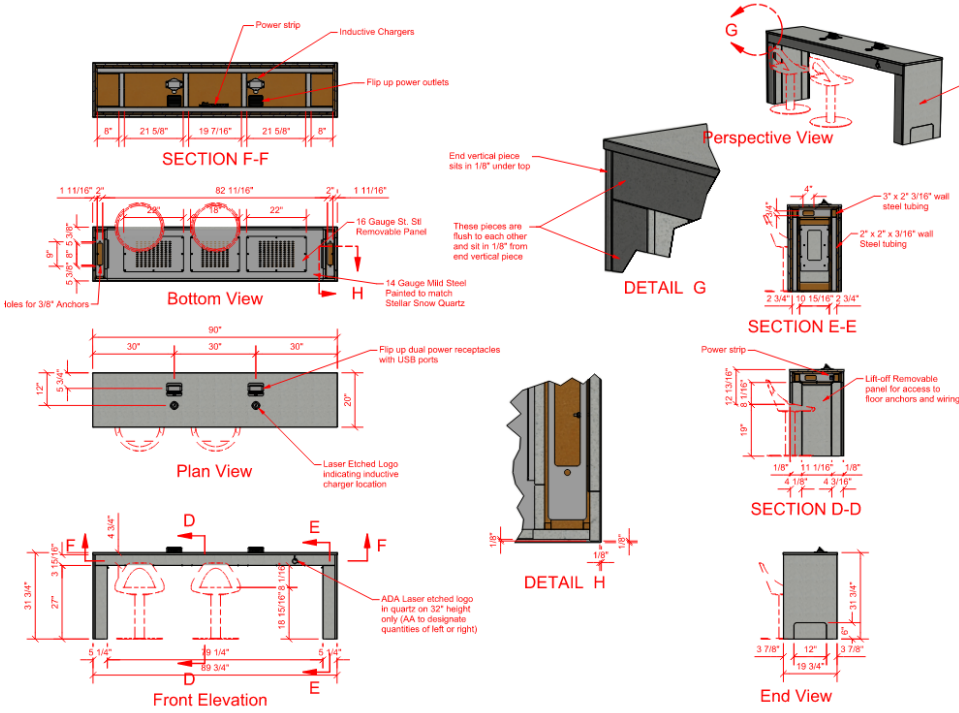
Area:	<ul style="list-style-type: none"> <li>Narrow Body Gate Configurations</li> </ul>
Manufacturer:	Jensen Cabinet, Inc Bromack Company
Description:	For use at narrow body gate configurations. See signage. Backscreen closet includes 1 lock which require 1 core/lock. Station to manage and procure cores, either locally or contact Todd Onley (T. 480-693-7341/ E. todd.onley@aa.com). Locks can accommodate 7 pin cores from Best or Olympus. Additional information can be found here: <a href="http://www.olympus-lock.com/cores.htm">http://www.olympus-lock.com/cores.htm</a>
Dimensions	98-1/6 in L 12-9/16 in D 39-1/4 in D (including closet) 92 in H
Standard Equipment	Coordinate with American Airline IT <ul style="list-style-type: none"> <li>Gate Information Displays (GIDS)</li> </ul>
Lead Time	Depends on manufacturer availability, typically 4-6 weeks
Catalogue Cut: 	



E. Charger Table-3 Position **MWK-06D:**

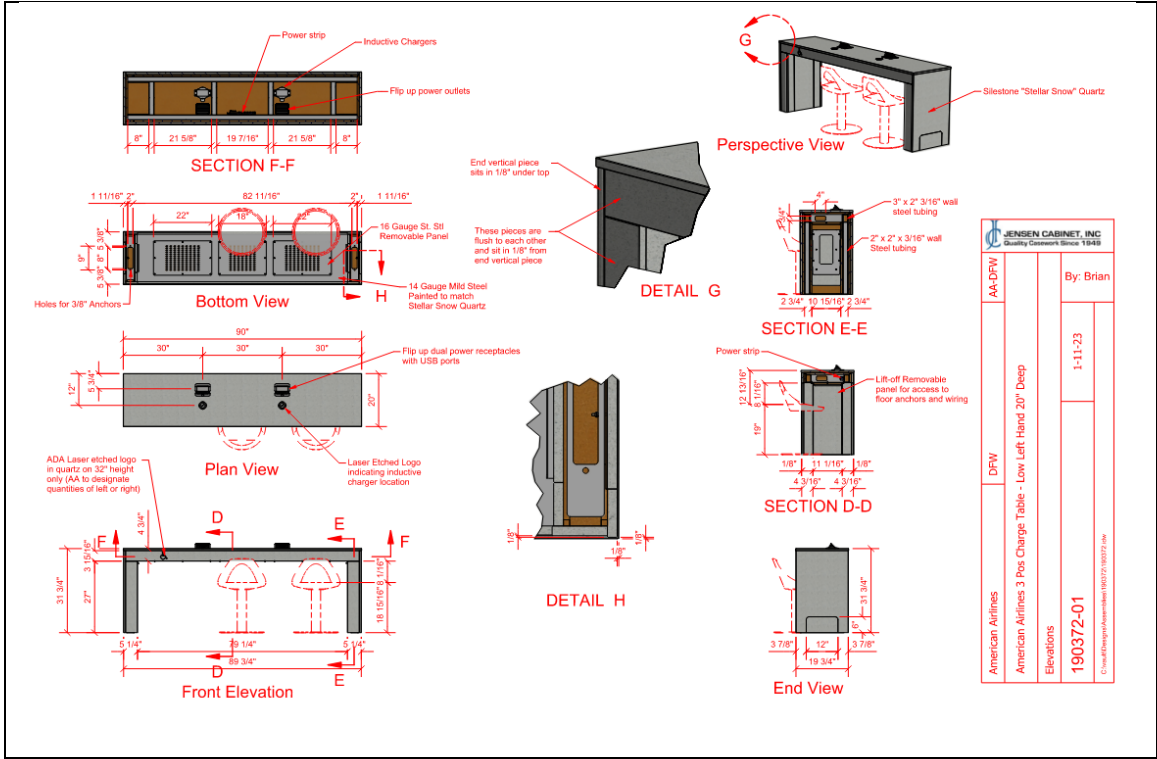


F. Charger Table-3 Position-low right hand **MWK-06F**:

Manufacturer:	Jensen Cabinet, Inc
Description:	American Airlines 3 Pos Charge Table – Low Right Hand
Dimensions	90 in x 20 in x 31-3/4 in
Lead Time	
<p>Catalogue Cut:</p>  <p>Power strip</p> <p>Inductive Chargers</p> <p>Flip up power outlets</p> <p>SECTION F-F</p> <p>8" 21 5/8" 19 7/16" 21 5/8" 8"</p> <p>1 11/16" 2" 82 11/16" 22" 1 11/16"</p> <p>16 Gauge St. S6 Removable Panel</p> <p>14 Gauge Mild Steel Painted to match Stellar Snow Quartz</p> <p>End vertical piece sits in 1/8" under top</p> <p>These pieces are flush to each other and sit in 1/8" from end vertical piece</p> <p>Perspective View</p> <p>DETAIL G</p> <p>3" x 2" 3/16" wall steel tubing</p> <p>2" x 2" x 3/16" wall steel tubing</p> <p>SECTION E-E</p> <p>2 3/4" 10 15/16" 2 3/4"</p> <p>Power strip</p> <p>Lift-off Removable panel for access to floor anchors and wiring</p> <p>SECTION D-D</p> <p>12 13/16" 6 1/16" 19"</p> <p>1/8" 11 1/16" 1/8"</p> <p>4 1/8" 4 3/16"</p> <p>SECTION D-D</p> <p>DETAIL H</p> <p>1/8" 1/8" 1/8"</p> <p>End View</p> <p>3 7/8" 12" 3 7/8"</p> <p>19 3/4"</p> <p>Plan View</p> <p>90" 30" 30" 30"</p> <p>12" 5 3/4" 20"</p> <p>Flip up dual power receptacles with USB ports</p> <p>Laser Etched Logo indicating inductive charger location</p> <p>ADA Laser etched logo in quartz on 32" height only (AA to designate quantities of left or right)</p> <p>Front Elevation</p> <p>31 3/4" 4 3/4" 27" 18 15/16" 8 1/16"</p> <p>5 1/4" 9 1/4" 5 1/4"</p> <p>D E</p> <p>AA-DFW</p> <p>By: Brian</p> <p>1-11-23</p> <p>190399-01</p> <p>American Airlines</p> <p>American Airlines 3 Pos Charge Table - Low Right Hand 20" Deep</p> <p>Elevations</p> <p>190399-01</p> <p>Created/Design/Reviewed/Issued: 10/20/2019 10/20/2019</p>	

G. Charger Table-3 Position-low right hand **MWK-06G**:

Manufacturer:	Jensen Cabinet, Inc
Description:	American Airlines 3 Pos Charge Table – Low Left Hand
Dimensions	90 in x 20 in x 31-3/4 in
Lead Time	
<p>Catalogue Cut:</p>	



H. Liquid Dumping Station **MWK-07**

Manufacturer:	
Description:	Liquid Dumping Station
Dimensions	77 in W x 18 in D x 34-7/8 in H
Lead Time	

Catalogue Cut:

6 SECTION DETAIL - TRASH RECEPTACLE  
1 1/2" x 1 1/2"

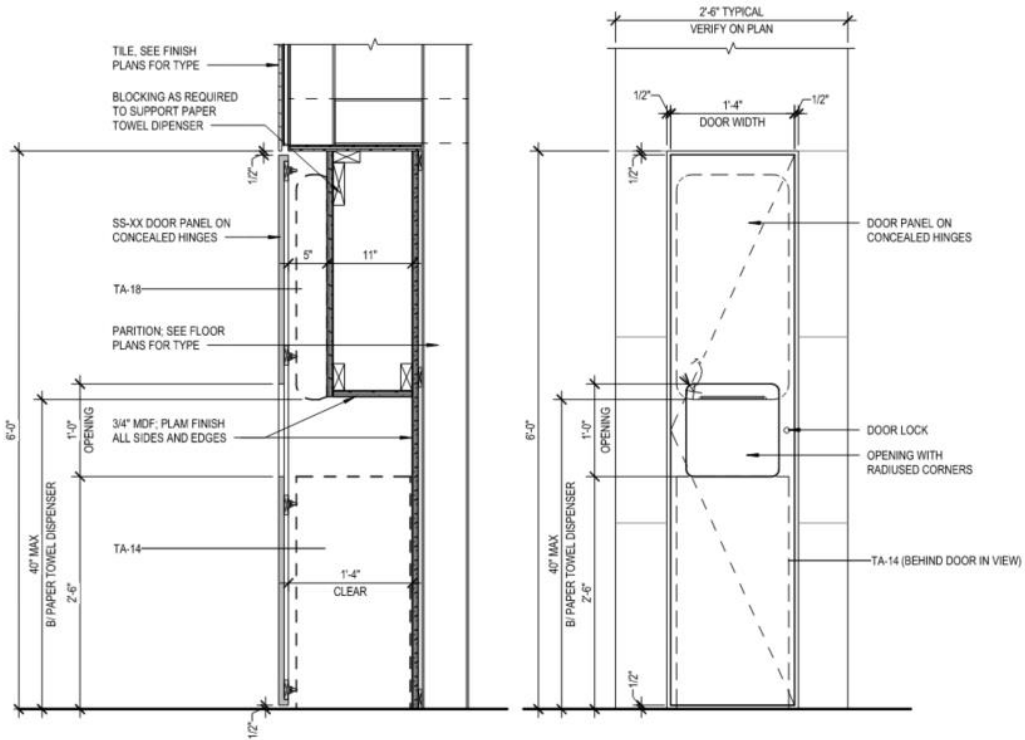
5 SECTION DETAIL - TRASH RECEPTACLE  
1 1/2" x 1 1/2"

4 SECTION DETAIL - TRASH RECEPTACLE  
1 1/2" x 1 1/2"

2 ENLARGED PLAN - LIQUID DUMPING STATION - CABINET  
1 1/2" x 1 1/2"

1 ENLARGED PLAN - LIQUID DUMPING STATION - COUNTERTOP  
1 1/2" x 1 1/2"

I. Paper Towel Dispenser Cabinet **MWK-08A**

Manufacturer:	
Description:	Paper Towel Dispenser Cabinet
Dimensions	17 in W x 18 in D x 72 in H
Lead Time	
<p>Catalogue Cut:</p>  <p><b>10</b> DETAIL - PAPER TOWEL &amp; WASTE CABINET              1" = 1'-0"</p>	

J. Paper Towel Dispenser Cabinet **MWK-08B**

Manufacturer:	
Description:	Paper Towel Dispenser Cabinet
Dimensions	17 in W x 18 in D x 72 in H
Lead Time	
<p>Catalogue Cut:</p>	

K. Vanity Mirror **MWK-09 – Not Used.**

**2.2 EXISTING MILLWORK**

A. Charging Table - 8 Position Existing by DFW **MWK-10(E)**

**2.3 FABRICATION, GENERAL**

- A. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible, before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
- B. Shop cut openings, to maximum extent possible, to receive hardware, appliances, plumbing fixtures, electrical work, and similar items

## **2.4 SHOP FINISHING**

- A. Factory finish casework.

## **PART 3 - EXECUTION**

### **3.1 PREPARATION**

- A. Condition specialty casework to average prevailing humidity conditions in installation areas before installation.

### **3.2 INSTALLATION**

- A. Install specialty casework level, plumb, true, and straight.
- B. Hardware Adjustment: Adjust and lubricate operable hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

### **3.3 ADJUSTING AND CLEANING**

- A. Repair damaged and defective specialty casework, where possible, to eliminate functional and visual defects; where not possible to repair, replace specialty casework. Adjust joinery for uniform appearance.
- B. Clean, lubricate, and adjust hardware.
- C. Touch up shop-applied finishes to restore damaged or soiled areas.

## **END OF SECTION**