Story Booth Design Meeting Notes November 18, 2015 (updated 1/1/2016)

Roy Garrett, Ray Buyle, Tom Parish, and assistants

Concept and Physical description of Story Booth

Overall Design inspired by the original Volland General Store.

Timeline

- Schematics: Deadline should be set no later than March 1 to allow time for feedback and adjustments
- Construction: Ray would prefer to finish construction by the end of the spring 2016 semester

Materials/Design

- Dimensions

- Interior length/width: 9' x 6'
- Interior height: 7' 8" to ceiling
- Exterior height: approx. 12' including storefront façade (approx. 9' without it). Need to keep in mind that sections should be able to fit into an 8' space in cargo van. How does this alter the exterior height of building? Need to allow enough height to hide insulation and structural elements above the interior space. Could ceiling and top molding sit on top of exterior walls? Making up the additional height needed.

- Interior/exterior paneling

- Materials: luan boards with white pine 2x4s ripped to 3" wide.
- Panel size/wall sections: 3' wide, 7 feet 8 inches tall Seems like 3' is good choice for width with additional length to allow for bolting together of wall sections.
- Use Concealed Shallow tab Catches and T-Bolts to connect sections together.
- We should look into a product called Matrix Frames for attaching photographs printed on fabric to interior panels. Or they can be mounted or printed directly to the board.

- Façade (above awning)

- If made to be removable it could be made to look proportionately accurate to original store.
- A hand-painted sign in slight wood frame would provide name of store –
 "Gener[ation]al Store". Sign could be set to hang on side of structure when façade
 is removed.
- Also use Concealed Shallow tab catches to connect façade to wall sections below it.
- When venue has shorter ceiling we could have a removable to piece of molding that can be taken off façade and put directly onto wall sections.

- Soundproofing

- Use a batting insulation to fill the wall panels.
- Use acoustic sound proofing sheets or panels on outside of tin roofing and around interior of space not covered by photographs possibly inside of walls in place of traditional batting insulation – Lots of options available http://www.soundproofcow.com/

- Roof

- Fire code requires the roof to fall no less than 18-24 inches below the ceiling in order to account for sprinkler systems, so we need to be mindful of the constraints of smaller institutions when this exhibit travels.
- Use a grid system for acoustic panels and cover with faux tin patented panels.
 - Look at Outwater Plastics, an architectural firm for reproduction tin panels.
- Roof can be completely enclosed.
- Siding: Board & batten Ray recommended we use luan. Open to looking at other lightweight materials. Chosen material could either need to look distressed or made to look distressed.

- Floor

- No interior floor into the store.
- Porch area features flat (1/2 inch) plywood floor that 4 posts on front porch are attached to. Posts are movable/detachable to allow awning, porch floor and other porch elements to be packed for shipping. Use same snap on connections as walls.
- Use of pallets for the porch floor might also work would be much higher.

- Back wall:

- Plan to keep this as a panel wall with no exterior siding. Would have interior paneling, with graphic and backed by same 3" supports and insulation.

- Entrance to interior (still in development)

- Front door will only be for show not connected to interior space.
- Actual doorway will be around side of building. Either part of side of building that extends to exhibit space wall or provide a 36 inch wide passage to behind the structure where actual doorway will be.
- actual doorway into space must be at least 36 inches wide, 6 feet 8 inches tall with a 1 foot transom
- On back of structure should be a sliding interior door (Pull-Barn door).
- Use pocket door hardware mounted with bracket on inside of space. Use weather stripping on inside of doorway and outside of sliding door to help create good seal when closed.
- Magnetic door closure that serves as trigger for two external lights that indicate space is in use.
- Would likely need to have a slight threshold below doorway.
- On side of the building would be a section of rail fence with a gate that would keep the space somewhat isolated from exhibit traffic as well as provide signage for instructions and suggested uses of space.
- Awning (open to change Not structural or heavy):
 - Tin: heavier than cloth and good if it could be made to look distressed
 - Would be very small (about 1/2-scale) and non-functional, no more than 1 foot high and projecting out no more than 2 feet. Bottom of awning hitting no lower than 6'6".
- Made to look like Volland stores but maybe not made out of corrugated metal siding.

- Storefront façade

- Used as a backdrop for selfies a display that features elements that complement the other elements in exhibit and provide a good picture of what general stores would have featured. Modeled off of Volland store front.
- The façade/parapet/upper part of the storefront should be removable in case we transport the booth to smaller institutions 3 feet high above awning.
- Front of store will feature other signage and advertisements that would be appropriate to the time period of the store.
- Cap or Molding above Awning can be removed and placed over main walls when awning isn't used.
- Potential light under awning that will light up when space is in use.

- Windows and Door

- We could construct these separately with printed graphics seemingly recessed into a window frame with mullions/transoms laid over the interior shot either physically or digitally to simulate looking into a window. Doorway could be a screen door looking into another picture of interior space.
- No glass or plastic to reduce weight and likelihood of breaking.

- Interior

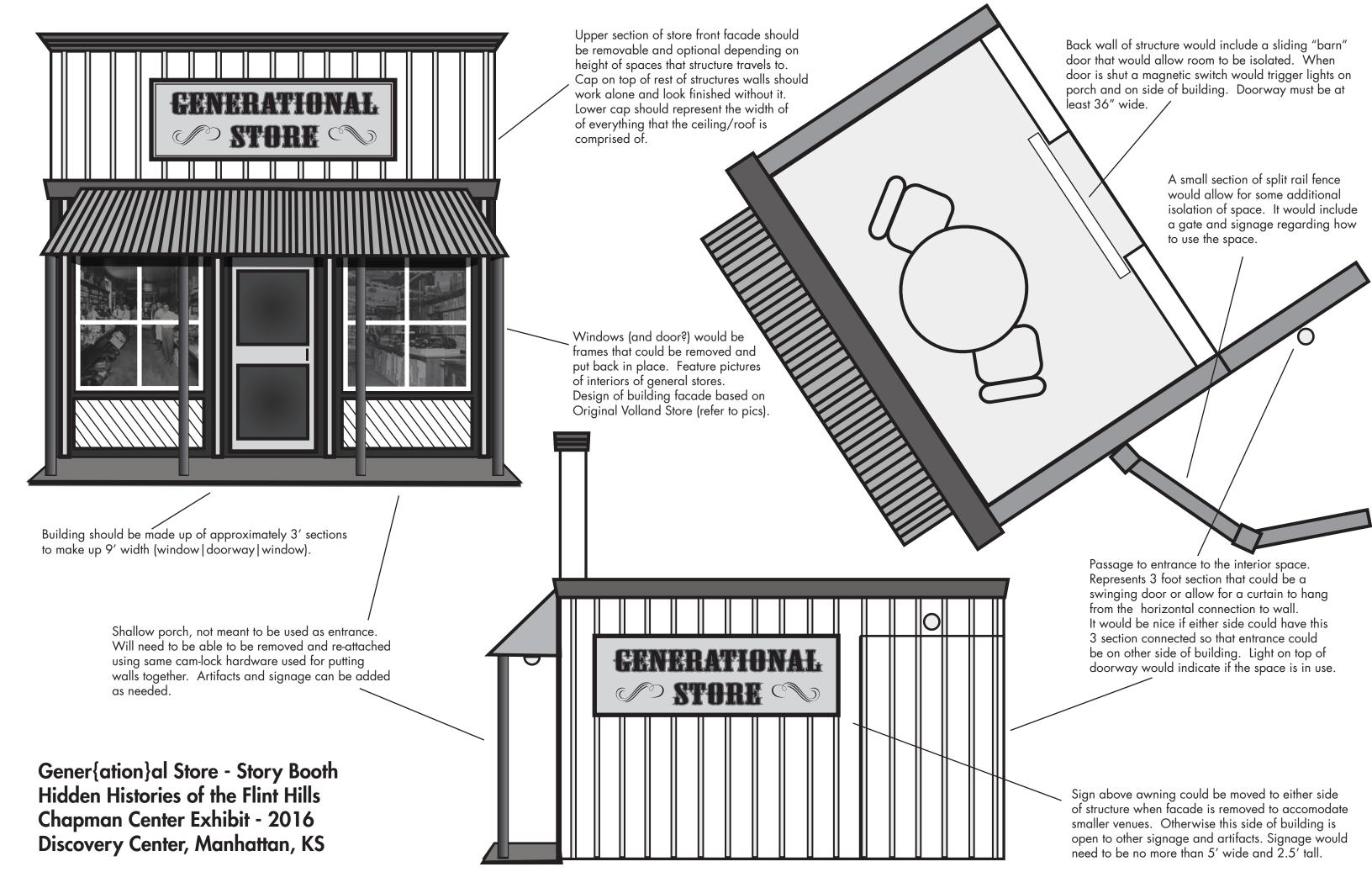
- Checkboard tabletop with barrel base (or something similar movable)
- Select chairs that are movable/removable, repro's available but look the right period, e.g. wicker back with soft seat restaurant chairs or simple upside down barrels.
- Designate spot(s) for power strip access/concealment that venues will just need an extension cord to supply power.
- Single overhead lamp with LED light Green, hanging, industrial, powder coated paint.
- Perhaps suggestive of a bar/counter in image on the back wall.
- Each wall would feature a photograph that would depict looking at part of a general store.

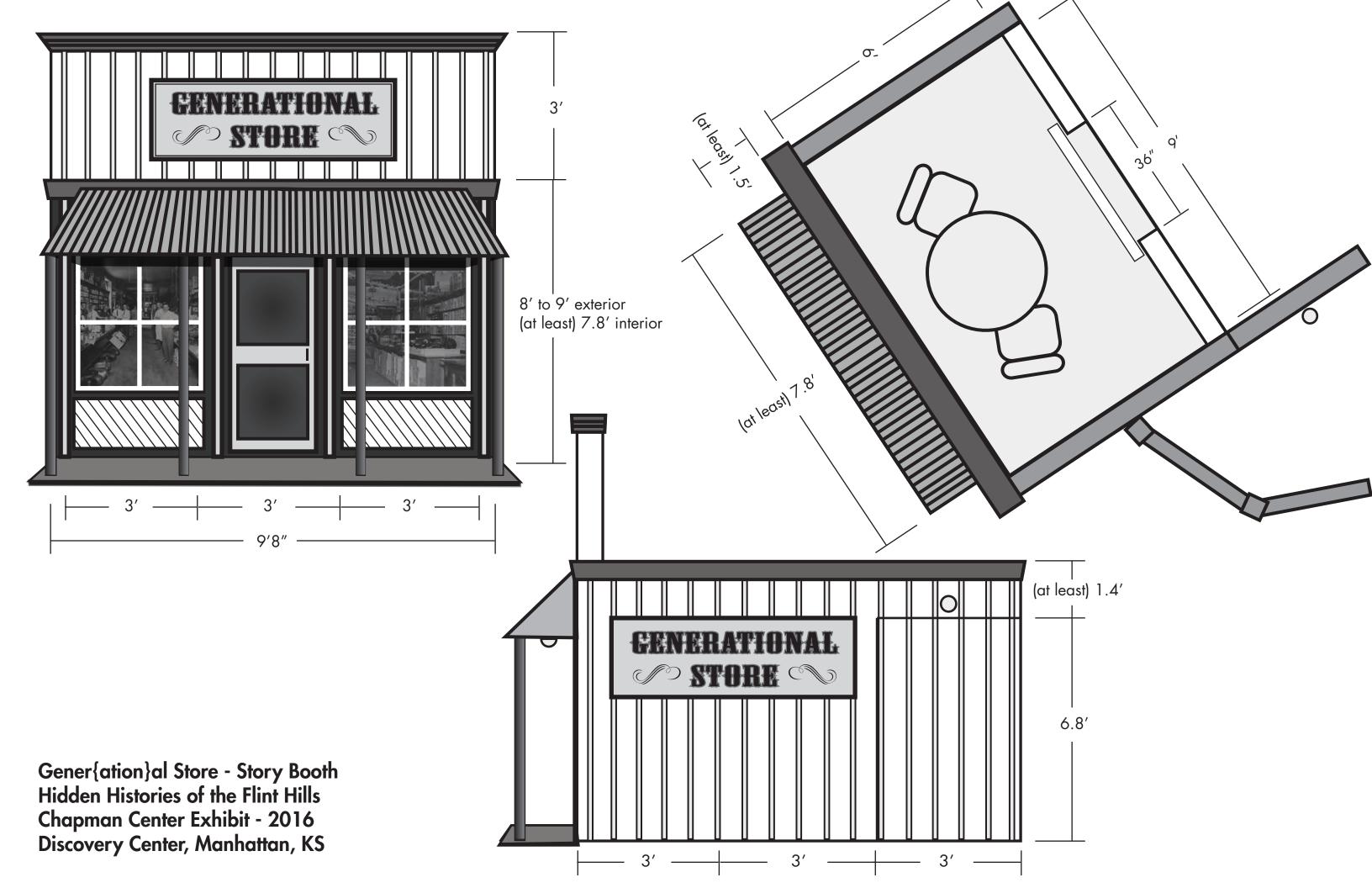
- Other notes on Exterior

- Have one or two lights on exterior of building (one above porch and another near entrance of actual space) that will be turned on when the space is in use.
 - Lights can be triggered by magnetic contact of door being shut to interior space.

- Transportation

- When broken down, the walls could be carted to a trailer or large cargo van for transport between venues.
- It might be good to have a base on the cart that will allow the panels to site securely in place slotted and/or have same mated hardware used to hold wall sections together.
- Wall sections would be small enough and light enough to load and carry as needed to get in and out of venues.







KRATZER S STORE, VOLLAND KANS.









GUTHREY& CARTER.

JOHN M. GARTNER.



R2 Draw Latch

Concealed · Mortise



- High tensile load
- Adjustable pull-up
- Suited for mortise or side mount installation

Material and Finish

Steel, zinc plated

Performance Details

Average ultimate tensile load: 6200 N (1400 lbf)

Average ultimate shear load: 8900 N (2000 lbf)

Installation Notes

Install assembly with Ø 6 (1/4) rivets or M6 (1/4) screws (not supplied).

A 1.6 (.06) gap should be maintained between latch and receptacle.

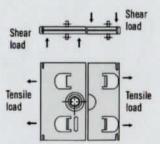
Accessories

Actuation tool

Part number: 29-0059-02

Hole plugs Part number:

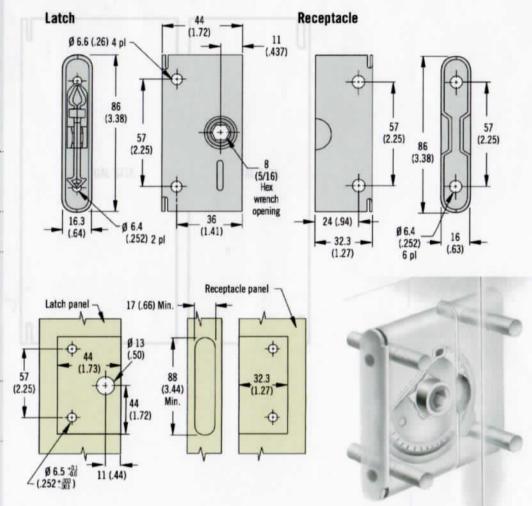
White: T5-7075-000 Black: T5-7075-028



Part Number

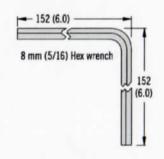
See table

Order latch and keeper separately



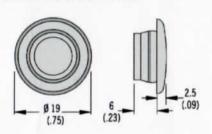
Accessories

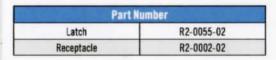
Actuation Tool



Hole Plugs

Optional hole plugs to conceal actuator access hole are available for a 13 (.50) diameter hole



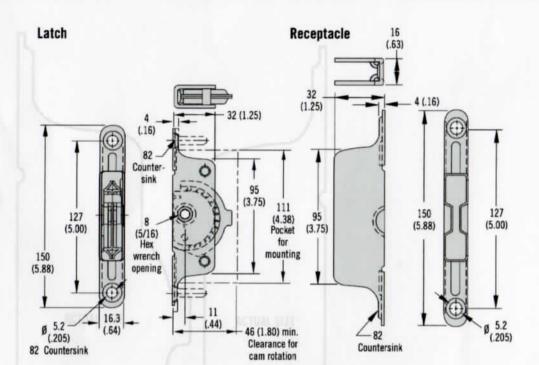


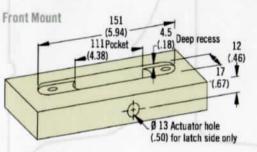


R2 Draw Latch

Concealed · Front mount



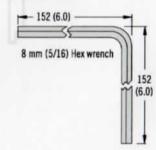




Rear Mount 127 (5.00)70 (2.75)16 (.63)

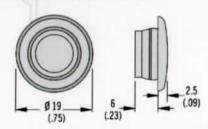
Accessories

Actuation Tool



Hole Plugs

Optional hole plugs to conceal actuator access hole are available for a 13 (.50) diameter hole



Part Number		
Latch	R2-0267-02	
Receptacle	R2-0268-02	

· High tensile load

- · Adjustable pull-up
- · Front mount installation



Material and Finish

Steel, zinc plated

Performance Details

Average ultimate tensile load: 4000 N (900 lbf)

Installation Notes:

Wood application:

Install assembly with M5 (No. 10) flat head screws (not supplied). Note: Latch strength is dependant on mounting hardware and installation material

Metal application:

Install assembly with 5 (.196) flathead rivets or M5 (No. 10) screws. Note: Max. metal panel thickness should be 2.5 (.10)

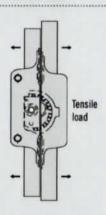
Accessories

Actuation tool

Part number: 29-0059-02

Hole plugs Part number:

White: T5-7075-000 Black: T5-7075-028



Part Number

See table

Order latch and keeper separately



R5 Draw Latch

Concealed · Heavy-duty

· High tensile load

- Consistent pull-up
- Concealed installation

Material and Finish

Steel, zinc plated

Performance Details

Average ultimate tensile load: 11,100 N (2500 lbf)

Average ultimate shear load: 76,920 N (17292 lbf)

Installation Notes

Install assembly with Ø 6 (1/4) rivets or M6 (1/4) screws (not supplied)

Accessories

Actuation tool

Part number: 29-0059-02

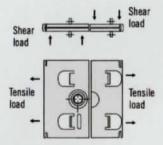
Hole plugs Part number:

White: T5-7075-000 Black: T5-7075-028

Notes

Operating force

To open: 4 N·m (35 in·lbf) To close: 4 N·m (35 in-lbf)

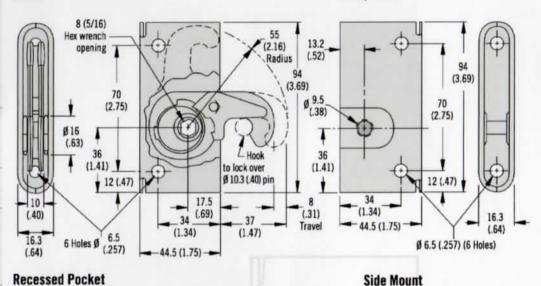


Part Number

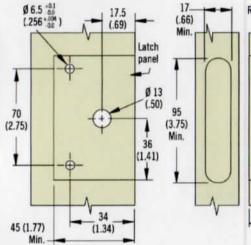
See table

Order latch and keeper separately

Latch

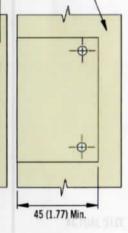


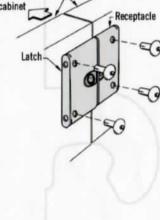
Recessed Pocket



Receptacle panel Exterior of

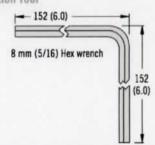
Receptacle





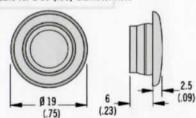
Accessories

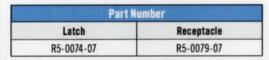
Actuation Tool



Hole Plugs

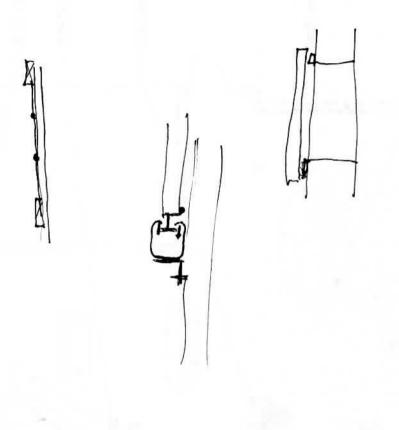
Optional hole plugs to conceal actuator access hole are available for a 13 (.50) diameter hole

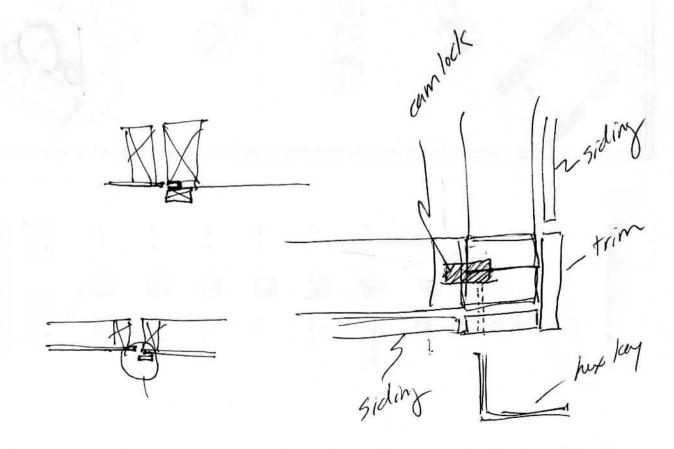














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Whether the sparks are literally flying from your welding project, or only metaphorically flying from the sweet beats you're laying down in your recording studio, there's a peel-and-stick acoustic foam for you.

Acoustic foam is a really easy to install sound dampening insulation that absorbs multi-frequency noise, minimizes reverberation, improves acoustics, and keeps sound from escaping the four walls you line it with.

For a low-budget recording studio that is big on sound but small on echo we recommend trying our "egg crate"style Convoluted Acoustic Foam Panel. Or, to soundproof an area like a hospital server room where fire regulations are strict and high-heat is a concern our Class A Acoustic Foam Panel can be an excellent noconstruction-needed solution.

Acoustic Foam is perfect for:

- · Ceiling tiles, utility rooms, equipment enclosures, machine rooms
- Medical facilities, clean rooms, computer rooms, offices
- Gun ranges, engine compartments, compressor enclosures, manufacturing facilities







Foam Panels



Fire Rated Foam **Panels**



Soundproofing 101

Soundproofing Quick Guide What is Sound? Soundproofing vs Absorbing How to Soundproof a Home Soundproof a Room How We Test

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Soundproofing Questions

OR

Soundproofing Basics



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Jeff R.

7 hours ago

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Wen Qing

Rated 9.2 out of 10 based on 23 reviews. See some of the reviews here.

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Soundproofing Insulation

Ditch the pink stuff and insulate your walls with Quiet Batt® sound insulation materials to make your restaurant, recording studio, nursery or office both cozy-warm and quiet with a single product.

Made of densely packed non-irritating cotton fibers, our internal/external sound insulation materials fit snugly between wood and metal studs and require no special tools for installation — only a utility knife, a tape measure and a vapor barrier if the material is to be installed on external walls.

A tight friction fit drastically decreases the transfer of sound, and makes this a great stand-alone sound absorption product.

This product is ideal for home theater owners, broadcast recording studios, cafeterias, churches or anyone wanting a space that feels warmer in the winter, cooler in the summer and quieter all year round.

Soundproofing Insulation is perfect for:

- Broadcast studios, home/commercial theaters, recording studios
- Offices, equipment rooms
- Restaurants and homes

Products Sort by: Product Price Default



See details

Quiet Batt 30 Soundproofing Insulation

Quiet Batt® 30 is a 3 in. premium, high-performance soundproofing and thermal insulation product designed for use in both interior and exterior walls, ceilings and attic applications. Acoustically, Quiet Batt® 30 typically out performs standard fiberglass, cellulose and foam insulations. Quiet Batt® 30 installs with a tight friction fit between wood and metal studs to minimize sound and thermal energy transmission, and is a fine stand alone product or can be used in conjunction with a variety of our other soundproofing products.

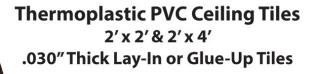
Sign in to rate

Price: \$84.57

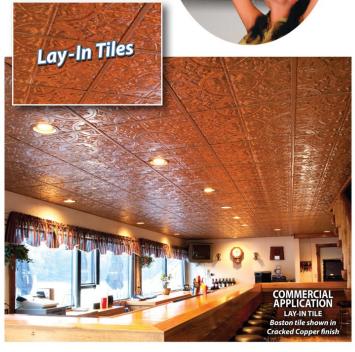
BUY NOW

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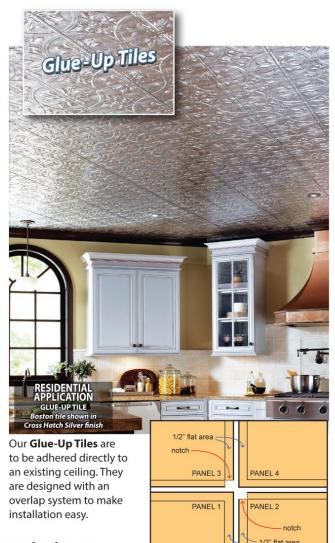


- A cost efficient and unique alternative to real metal
- Class A Fire Rated
- · High Impact
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Our **Lay-In Tiles** are designed to install over existing tiles. They work with standard T-grid suspension systems. **It is recommended that a standard tile (old or new) be used on top of our 2' x 4' lay-in tiles to hold them in place.** The 2' x 2' size would produce no sag but the 2' x 4' might require a small amount of panel adhesive to eliminate this.

There are no special tools or skilled labor required for installation. In fact all tiles can be easily fabricated using a simple utility knife or scissors.



These extremely lightweight panels have an impervious waterproof surface, are mildew resistant and will not harbor germs or bacteria. They are low maintenance and can be washed with mild soap and water.

<u>Do Not Use Abrasive Cleaners!</u> You will <u>never</u> have to replace again.



When overlapping four

MirroFlex panels, it is necessary to cut a ½" notch in panels 2 and 3 to avoid a bulge where the panels meet.





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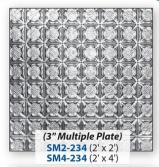
Fleur-De-lis Style

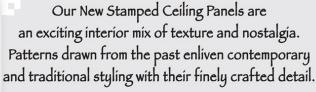




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- · Lightweight, non-combustible panels and accessories are manufactured from tin free steel 30 gauge, .010 thick.
- · Chromium treated for superior paint retention.
- · When material is properly coated, little or no maintenance is required and cleans with soap and water.
- Ceiling panels and cornices are shipped uncoated to allow custom on-site finishing.
- · To prevent corrosion, panel must be coated.
- · Recommended paints are RUST-O-LEUM to maintain the natural metal appearance, semi-gloss or high gloss oil base paints.
- DO NOT USE WATER-BASED PAINT.
- HEAVY DUTY SAFETY GLOVES SHOULD BE WORN WHEN HANDLING PANELS AND CORNICES - EDGES ARE EXTREMELY SHARP.
- DUE TO PRODUCTION DYE LOTS, FINISH MAY VARY ON COLORED TILES & CORNICES.



CUSTOM ORDERS

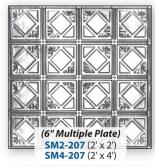
If acoustics are a concern, all 2' x 2' tiles are available perforated at a cost of \$15.00 ea. Custom order - 6 week lead time.



(6" Multiple Plate)

SM2-210 (2' x 2')

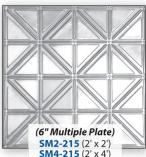
SM4-210 (2' x 4')

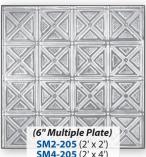


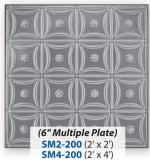












When ordering different finishes, please add the following to the end of the part #: Copper = C, Brass = B, Chrome = CH, White = WH, Lacquer = LAQ.

PREMIUM	Price		
Finish	2' X 2' Lay-In	2' X 4' Nail Up	
Steel	\$10.60	\$20.30	
Lacquered	\$14.70	\$28.85	
White	\$15.25	\$29.70	
Brass	\$36.70	\$70.55	
Copper	\$36.70	\$70.55	
Chrome	\$36.70	\$70.55	







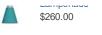






All Brass, Copper, Chrome and White Panels and Cornices are shipped with a clear baked on enamel finish. Additional finishing is **NOT RECOMMENDED**.









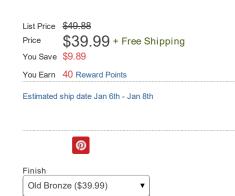


\$346.00



by Nuvo Lighting

(27) Customer Reviews | Write a Review





Return Policy



4524983S



View Larger | 1 Customer Image | Share your Images

Description	Dimensions	Reviews (27)	Brand	

Option Images

Product Description

This warehouse shade RLM pendant by Nuvo Lighting is available in an old bronze finish. Illuminated by one 100-watt frosted incandescent bulb.

One light large pendant.

- Warehouse shade.
- Includes 12' cord and canopy.
- Features a black cord

Light Bulb: (1)100w A19 Med F Incand [Compare

Bulbs]

Materials: Aluminum
Voltage: 120 volt

Installation: Dry Locations [Explain]

Listing:

Bulb sold separately

Dimensions & Weights

Height: 8.125 inches
Width: 16 inches

Feedback

Would you like to update product info, give feedback on images, or tell us about a lower price?

CANARM | Model # IPL521A01ORB | Internet # 205108032

Indi 1-Light Bronze Pendant with Clear Glass

★★★★★ (1) Write a Review Questions & Answers (3)



\$69.99 /each

PRODUCT NOT SOLD IN STORES

Open Expanded View

Click Image to Zoom









PRODUCT OVERVIEW Model # IPL521A01ORB | Internet # 205108032

The Indi single light pendant features oil rubbed bronze finish with a clear glass shade. The unique industrial design adds exceptional appeal to this fixture and combined with a vintage bulb will make this a conversation piece. It is perfect for the dining room, Kitchen Island, restaurants, and many other applications.

- · Oil rubbed bronze finish, clear glass
- 9 in. W x 16 in. 44 in. H
- Requires one 100-Watt type A bulb (sold separately)
- · Standard installation

SPECIFICATIONS

DIMENSIONS

Maximum Hanging Length (in.)	44	Product Height (in.)	44
Product Depth (in.)	9	Product Width (in.)	9

DETAILS

Adjustable Lamp Head	No	Maximum Bulb Wattage	100 W
Adjustable hanging length	Yes	Maximum Wattage (watts)	100



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Furniture Décor Lighting Kitchen Bed & Bath Storage Outdoor Home Improvement Baby & Kids Seasonal Gifts Sales



FROM \$9.99: Renew & Re-Org Sale »



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O'Neill 1 Light Mini Pendant by Capital Lighting

★★★★★ 8 reviews

\$115.50 33% Off

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• 10+ in Stock

Customers Also Viewed





R Series 1 Light Kitc... \$119.90



Solstice 1 Light Pend... \$93.99



Pendant 1 Light Mini... \$148.00



Vintage 1 Light Mini ... \$110.00

Information

Specifications

Manufacturer Insights

Shipping & Returns

Reviews

Q&A

Information

Features

- O'Neill collection
- Number of lights: 1
- Finish: Burnished bronze
- Style: Urban

Product Details

• Shade Material: Metal

More From This Collection



O'Neill 1 Light Wall ... Capital Lighting \$81.90



Find anything for your home...

Search









Furniture Décor Lighting Kitchen Bed & Bath Storage Outdoor Home Improvement Baby & Kids Seasonal Gifts Sales



FROM \$9.99: Renew & Re-Org Sale »



Up to 70% OFF: Winter White Sale »

Save it to a board to come

back to it later.















Renata 1 Light Bowl Pendant by Trent Austin Design

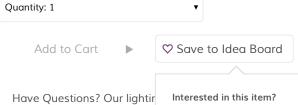
★★★★★ 1 review

\$104.99

\$137.50 24% Off

Free 2-Day Delivery

Want it Wednesday, Jan 6? Order within 45 mins.



1-800-541-6097

Product Information:

- 10+ in Stock
- Fixture: 6" H x 8" W x 8" D
- Overall Product Weight: 1.54lbs

Customers Also Viewed





Beautyrest Recharg... \$1,199.00



Hatchville 1 Light Mi... \$93.99



Montego 2 Light Se... \$109.95



Mendham 2 Light W... \$39.98

Information

Specifications

Shipping & Returns

Reviews

Q&A

Information

Industrial and modern, this one of a kind lamp will make a statement in any home. Made of iron and aluminum.

Features

- Made of iron, aluminum
- Color: Black

Product Details

More From This Collection



Renata Linear 5 Ligh... Trent Austin Design \$429.99

Austin Wall Sconce

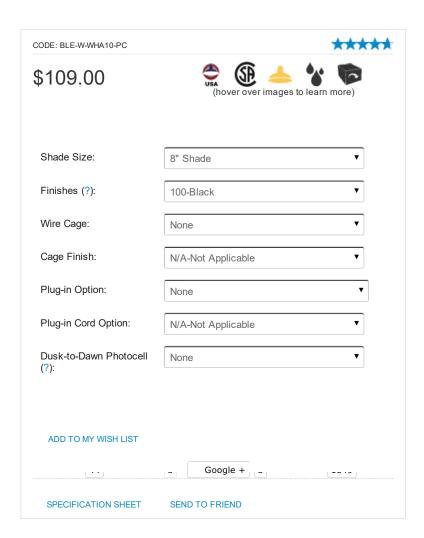


8" Austin Sconce, 975-Galvanized Click to enlarge









Finish Chart / Features

Powdercoat Finishes: Durable finish colors to fit any style from traditional to retro to modern Click to View

Cord Style: Continue your customization with your choice of cord! Click to View

Product Details

Sometimes the best way to create a classic look is to simplify what you already have. In this case, the Austin Sconce is closely based on the familiar Ashland Warehouse Shade with a more conventional, compact wall mount. The smaller shade diameter allows for mounting in tight spaces such as over a front door or along interior walls. This allows industrial wall sconces to be installed in almost any location. For even more versatility, add a plug-in cord—a solution to lighting in apartments or elsewhere needing nonpermanent installation.

Hand-built in the United States, this wall sconce lighting can be customized to your specifications. Choose from two shade sizes and dozens of finish colors to make this lighting fixture your own. Also consider adding a wire guard to give your wall sconce a vintage twist. Read More>

Also available in LED!

Shade Sizes:

8" Shade: W 8" x OAH 12" Projection: 11 ¾" 10" Shade: W 10" x OAH 13" Projection: 13"

Additional Information

- Finish: Multiple (See Finish Options)
- Mounting: Sconce
- Backplate Dimensions: 6 1/4"
- Max Wattage Per Socket: 200W Standard Incandescent (Bulb Not Included)
- Cord & Plug Option:
 - 8 Feet of Cord with 2-Prong Polarized Plug
 - Includes Inline On/Off Switch