

“Kit-bashing Cornerstones”

Building & Modifying
Walthers Cornerstone Kits



**Based on 50 + Structures
built using Walthers
Cornerstone Kits built by
TRAIN GUYZ LLC
(Mike & Judy Vivion)**

Structures built for an HO
layout in Williams Bay, WI



The layout models part of the Wisconsin Central Railway (Jan 1987- Oct 2001)



Kit-bashing Cornerstones

Project #1

KONDEX Cold Storage

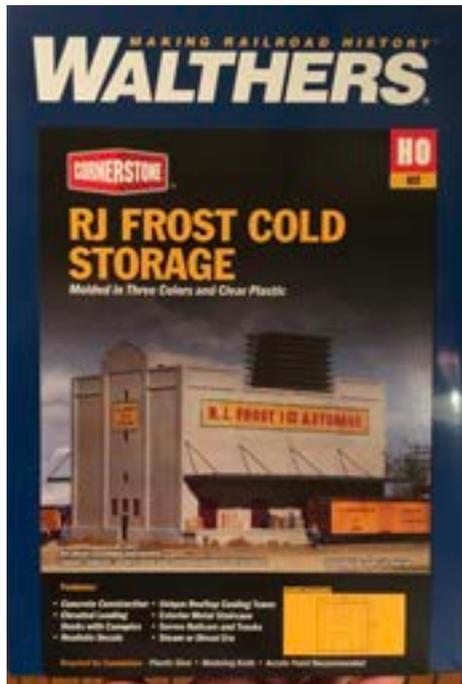
In Lomira, WI



1st Building: KONDEX Cold Storage in Lomira, WI



RJ Frost Cold Storage Kit Walthers # 933-3020



Started with
one new kit &
one “used” kit
that was
missing one
long-side wall



Kit Instructions

CORNERSTONE
HO Structure Kit
R.J. FROST ICE & STORAGE
933-3020

Think before purchasing the Cornerstone brand kit. Please read these instructions and study the drawings before starting. All parts are styrene, or are compatible glue and paint to assemble your model.

Eliminate all fresh and frozen foods available that are available in a grocery store grown and processed in another area, then shipped to your location by rail and truck. Along the way, they appear some of them primarily in a cold storage plant. These buildings are commonly found in agricultural areas where fresh are needed for shipment, and in large cities where the food is stored for getting to local markets. For years, railroads were the only way to transport these perishable products. With the development of more refrigerated containers for automobile service and new cars like the Chrysler model, they will continue to do so well into the next century.

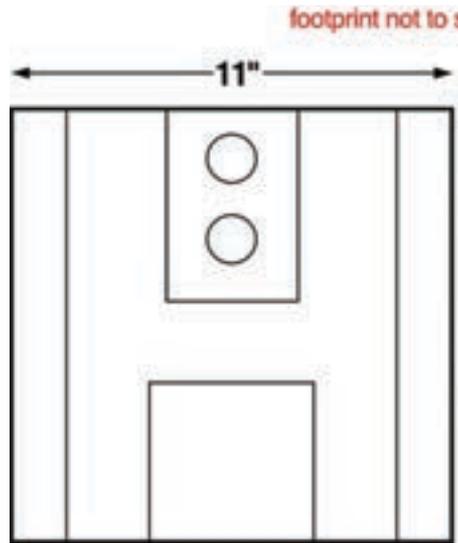
Cold storage bins that back by exposing it to low temperatures, ranging from 10 to 10 degrees. Although this doesn't stop spoilage, it does slow the growth of microorganisms and the action of enzymes. Cold storage life depends on the type of food, its temperature in the storage room and the amount of moisture in the air. The little structure and the food does not last much and it can get spoiled. As a result, large facilities are needed to store the air in the building. This helps balance the temperature and also moisture goes off to the food.

A cold storage facility of this type will use your small rail and truck service, which will increase during the growing season. With its ground concrete construction, this prototype fits on any layout from the late 30's to the present day.

For more ideas in detail your views, visit our Web site www.cornerstone.com or see the latest *Model Railer* Magazine.

Doors will snap in place, in open or closed position.

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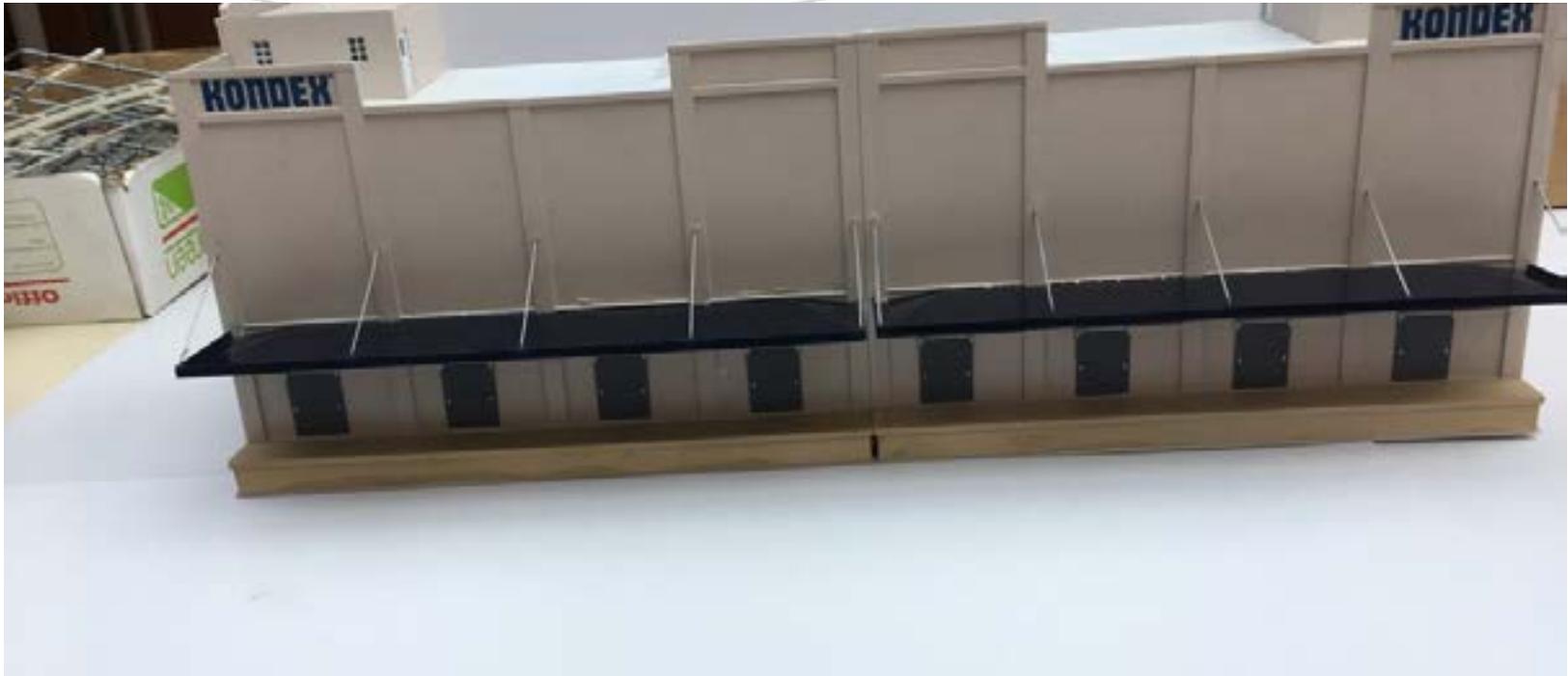
DECALING

1. After cutting out the decal, dip in water for 10 seconds, remove and let stand for 1 minute. Slide decal onto surface, position and then lift off any excess water.
2. Lightly brush down with a brush. This will soften the decal allowing it to conform to irregular surfaces. DO NOT TOUCH DECAL while wet!
3. When the decal is thoroughly dry, check for any trapped air bubbles. Push them with the point of a small pin or toothpick toothpick and apply more brush with.

PLACE LIGHTS OVER DOORWAYS

1. Assemble the four platforms, A, B, C and D in set with supports (R2) and collars (R3) on.
2. Glue the platforms to the wall at the location shown and allow to dry.
3. Add the insulators (R1) between the platforms, fastening as needed for a good fit. Allow the glue joint to dry.
4. Add the collars (R3) to the insulators, again fastening as needed for a good fit. Note that the insulators that are against the wall have collars on the outer side only, and the others have collars on both sides.

1st Building: KONDEX Cold Storage in Lomira, WI



Two rail dock-side walls, docks & overhangs spliced together

1st Building: KONDEX Cold Storage



Same end from 2 kits w/rear one-third removed from ends & roof

Building as Installed on Layout



2nd Building: White Rock Brewery Abandoned in Waukesha



Other ends from 2 kits spliced together, with cut-off one-third ends

2nd Building: White Rock Brewery (Decals & Details)



Custom decals from Internet Found using Google



Building as Installed on Layout



Kit-bashing Cornerstones

Project #2

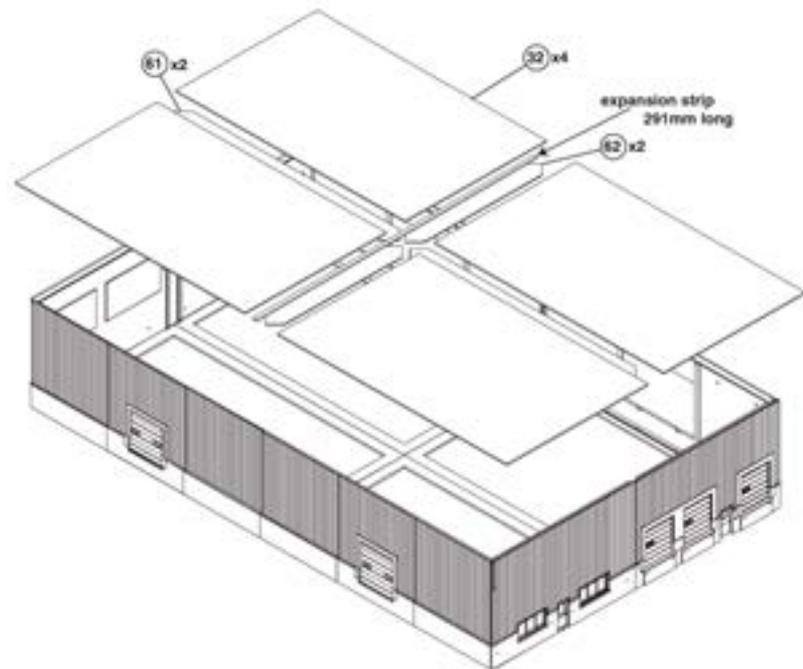
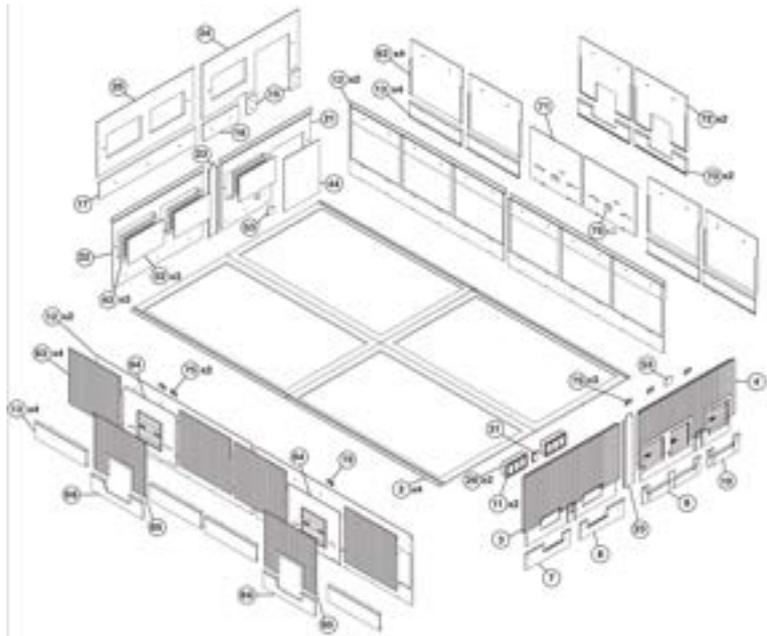
WSI Supply Chain
Solutions Warehouse
In So. Fon du Lac, WI



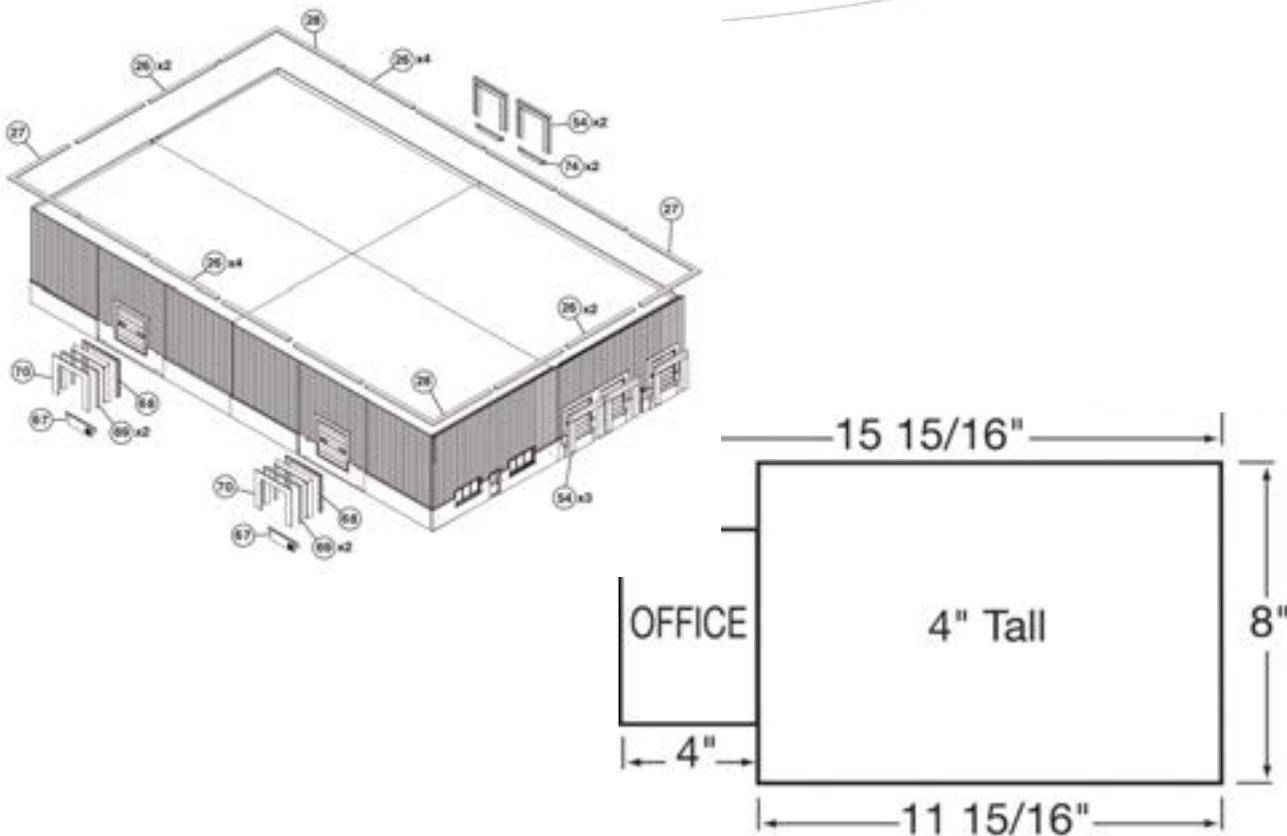
Used Walthers Kit # 933-2719 Lakeview Modern-Style Warehouse



Kit Instructions



Kit Footprint



Plan: use all 4 warehouse walls to make one long backdrop building with some parts used from office.

WSI Supply Chain Solutions Warehouse



WSI Supply Chain Solutions Warehouse



Building as Installed on Layout



Kit-bashing Cornerstones

Project #3

Addison Storage Warehouses
In Slinger, WI



Owner wanted 2 warehouses to represent “Addison Storage” in Slinger, WI

- ◆ Actual business consists of self-storage units & is in Hartford, WI:
- ◆ Nothing in parts box looked like these units:



Sterling Consolidated Dairy Walthers # 933-3799 - Discontinued Consists of 5 Kits



Used parts from the 2 main brick buildings in the kit:



Result: 2 brick Warehouses and 1 brick Office Building:



Warehouse #1: 2 stories high: (Front & Rear)



Styrene
Filler Panel

Warehouse #2: 3 stories high: (Front & Rear)

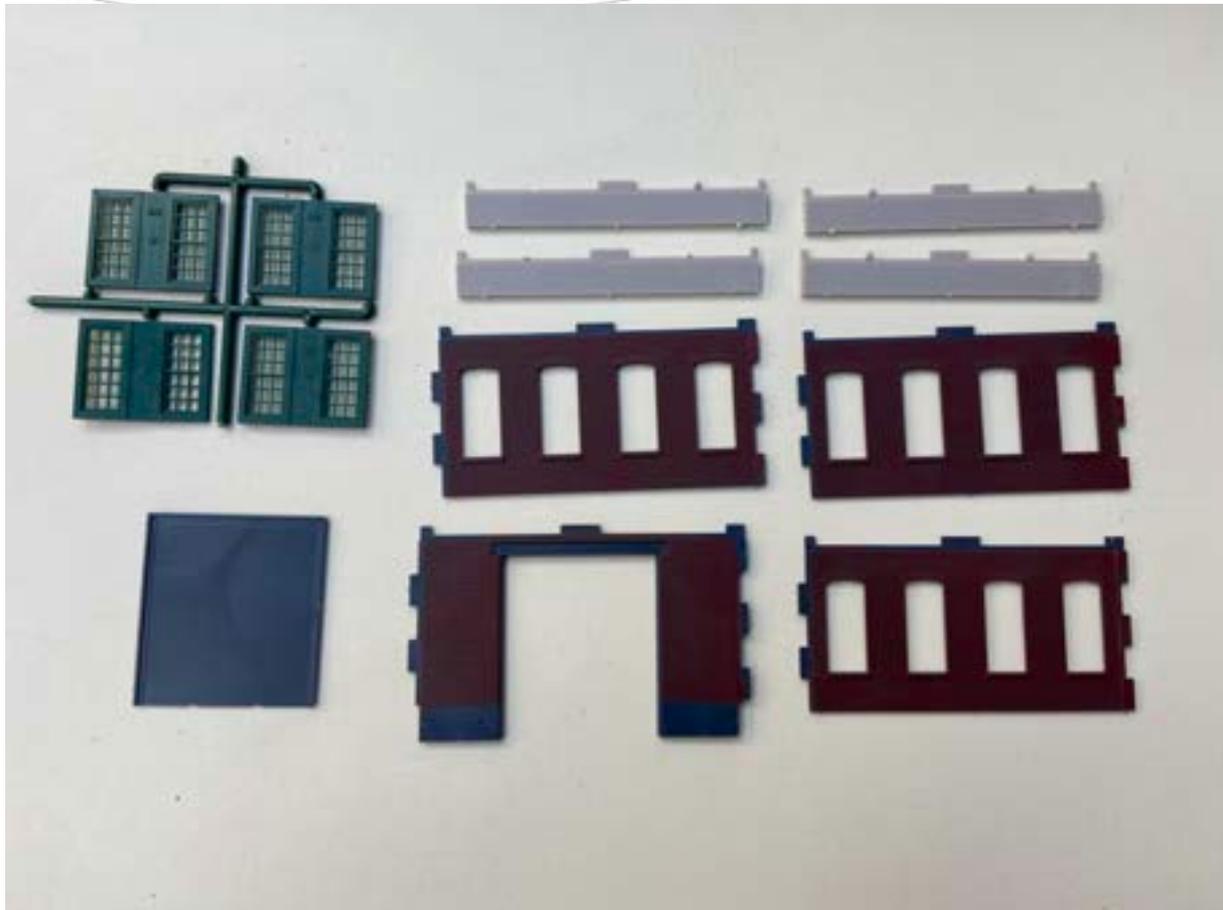


Styrene
Filler Panel

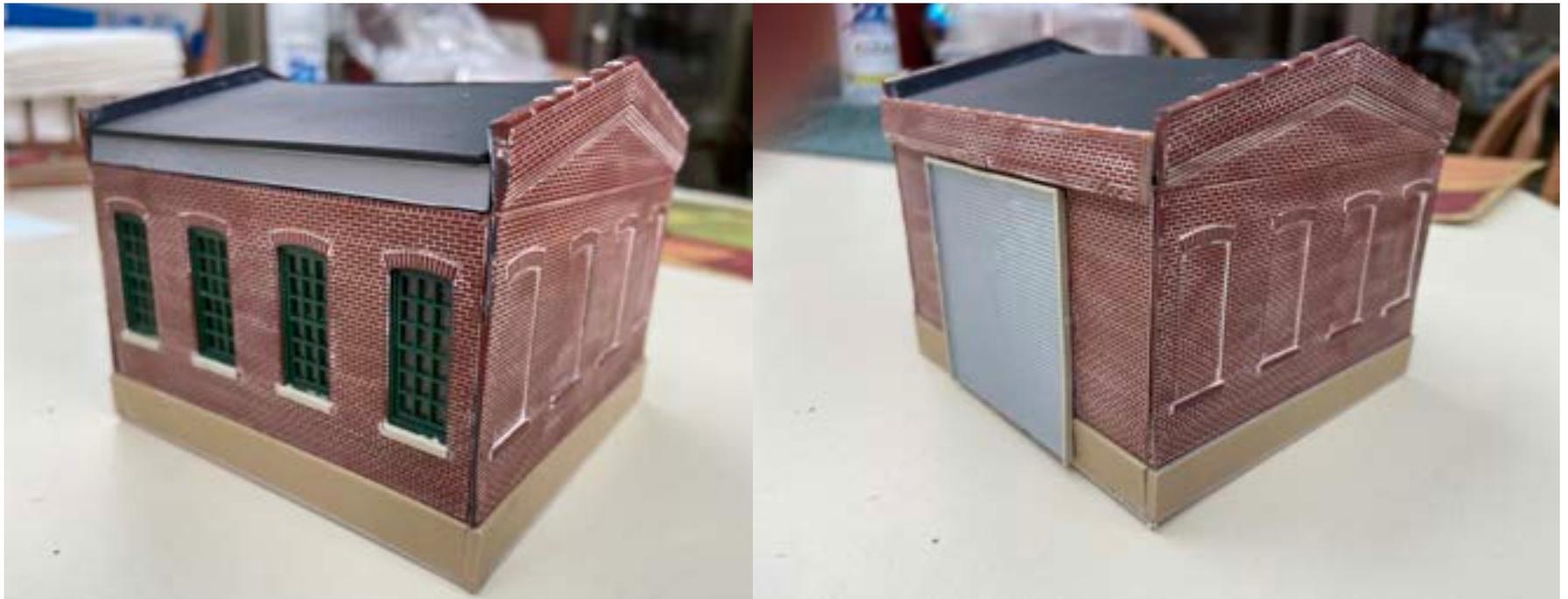
Office Building: 1 story high:



Some left over parts for a
single-story building ?



Bonus fourth building: Garage Made from left-over parts



Sheet styrene for roof panels & brick filler panels on back wall

Installed On The Layout: Oops! Modifications required



As Now Installed on Layout Front View



As Now Installed on Layout Rear View



Kit-bashing Cornerstones

Project #4

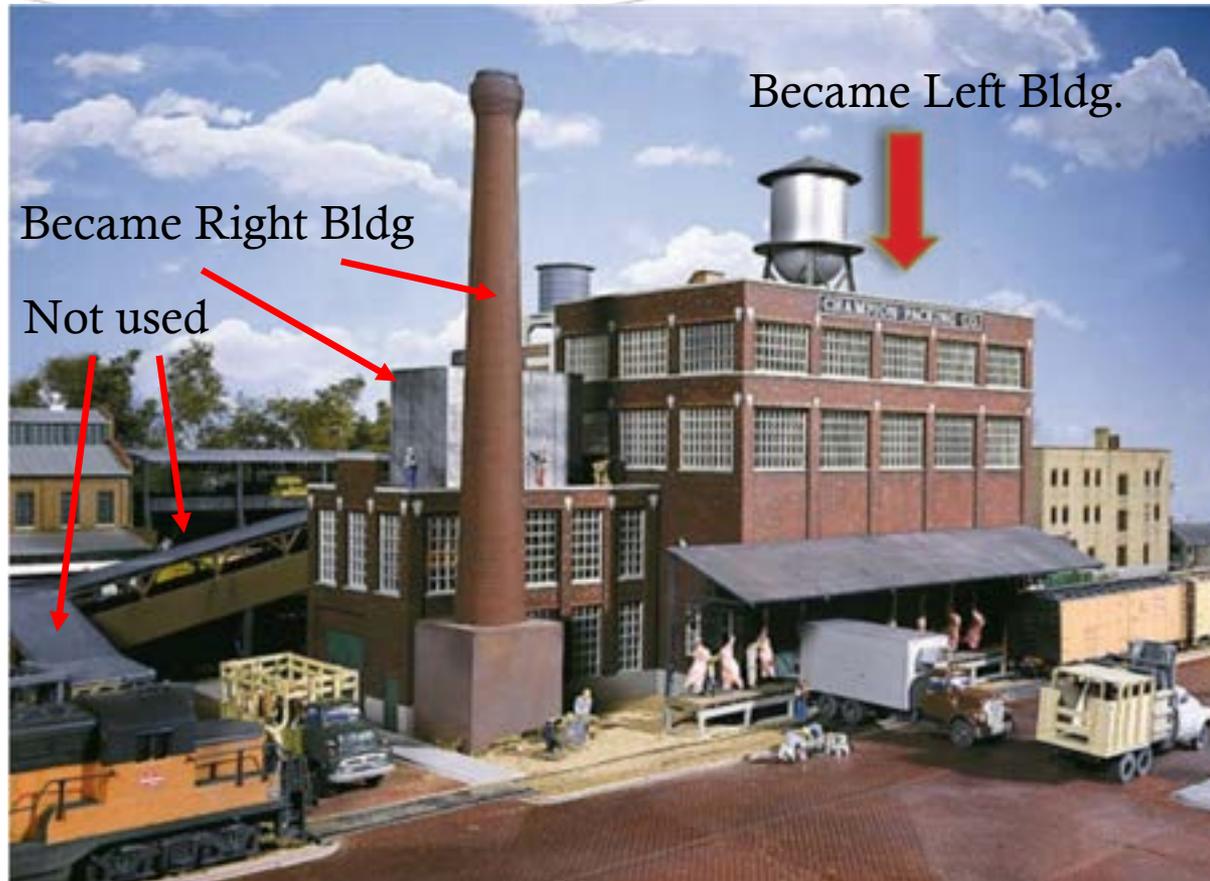
Pro Building Supply Complex
In Lomira, WI



Uses Walthers Kit # 933-3048 Champion Packing Plant



Uses Walthers Kit # 933-3048 Champion Packing Plant



Left Building: Front & Rear Views



Right Building: Front & Rear Views



Pro Building Supply Complex



Completed Building: Front & Right End Views



Complex As Now Installed on The Layout:



Kit-bashing Cornerstones

Project #5:
TIDI Products in
Neenah, WI



TIDI in Neenah, WI



About TIDI Products

Caregivers fix things.

Every day, caregivers are the problem solvers who make it possible for people to live better, healthier lives.

So, who solves their problems?

Who helps caregivers succeed despite the pace and pressure of today? Who relieves their burden instead of adding to it?

TIDI Products.

TIDI® Products is about giving caregivers what works better, so they can perform at their best.

TIDI Products has a history of providing forward-looking solutions to healthcare professionals. TIDI is always looking for ways to help reduce the risk of contamination and deliver the highest-quality patient care. Each day, caregivers turn to TIDI Products for a supply of user-friendly, compliance-enhancing, and risk-reducing solutions.

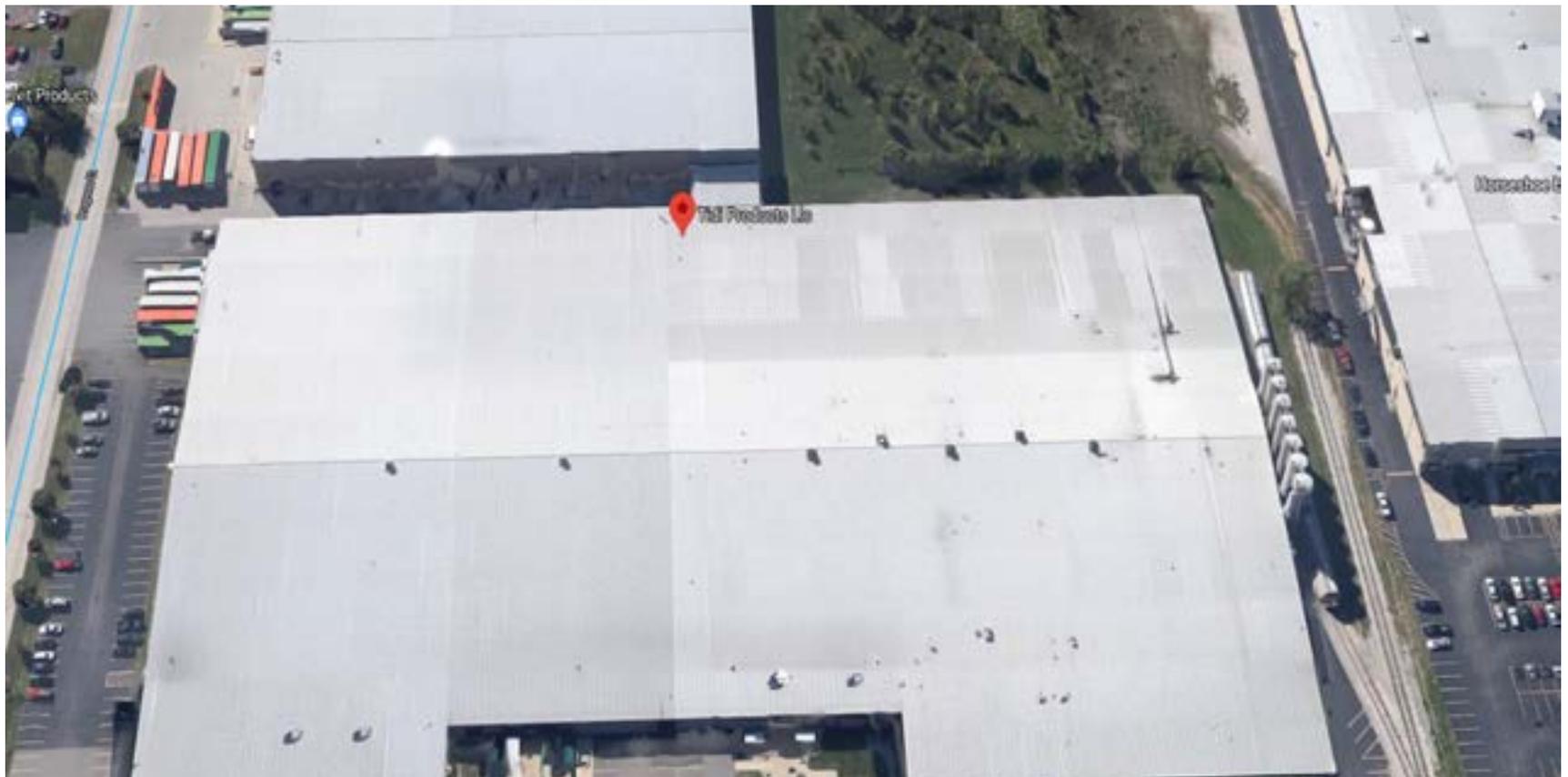
The TIDI® Products portfolio of brands includes POSEY® patient safety devices, STERILE-Z® drapes, C-ARMOR® drapes, PenBlade® Safety Scalpels, TIDISHIELD® eyewear and other devices, GRIP-LOK® securement items, and Zero-Gravity® radiation protection.

TIDI: The Actual Factory



TIDI: The Actual Factory

An Aerial View



TIDI: Location on the Layout: On the Neenah Peninsula



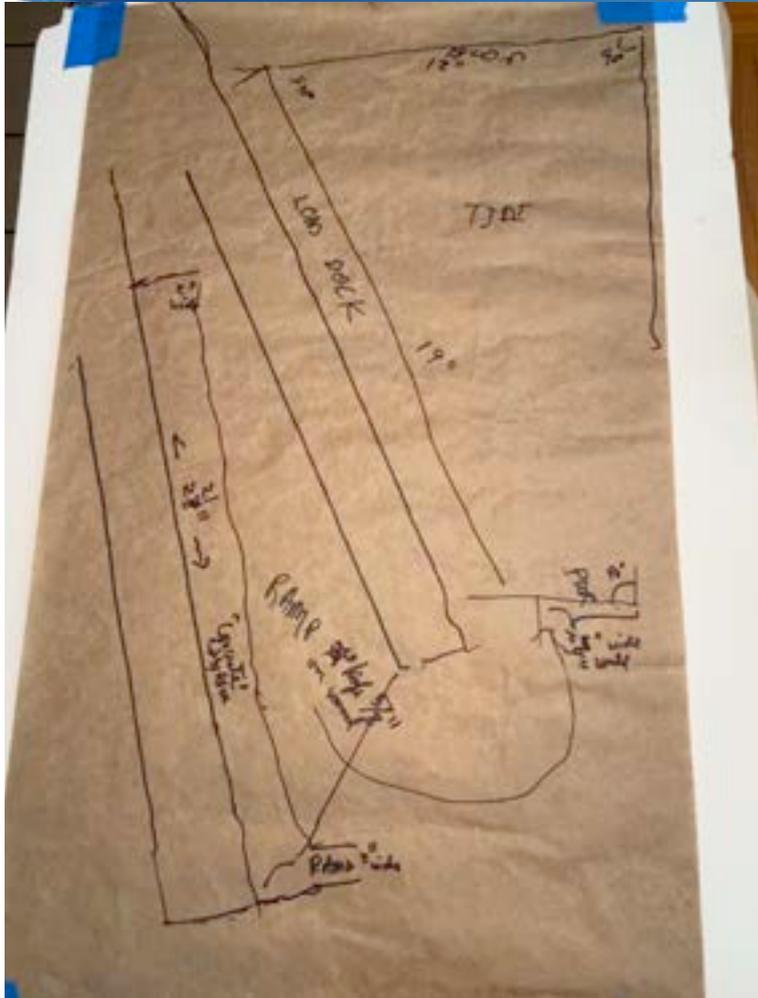
Used Walthers Kit # 933-2719 Lakeview Modern-Style Warehouse



Lakeview Modern-Style Warehouse Kit: Required Modifications for TIDI

- ◆ Change to Trapezoid footprint
- ◆ Convert Rear Wall to single Roll-Up Door (4" wide)
- ◆ Move trackside doors to right side of building
- ◆ Move non-trackside doors to left side of building
- ◆ Modify roof to trapezoid shape
- ◆ Repaint total building to approximate colors of prototype
- ◆ Scratch build a loading ram

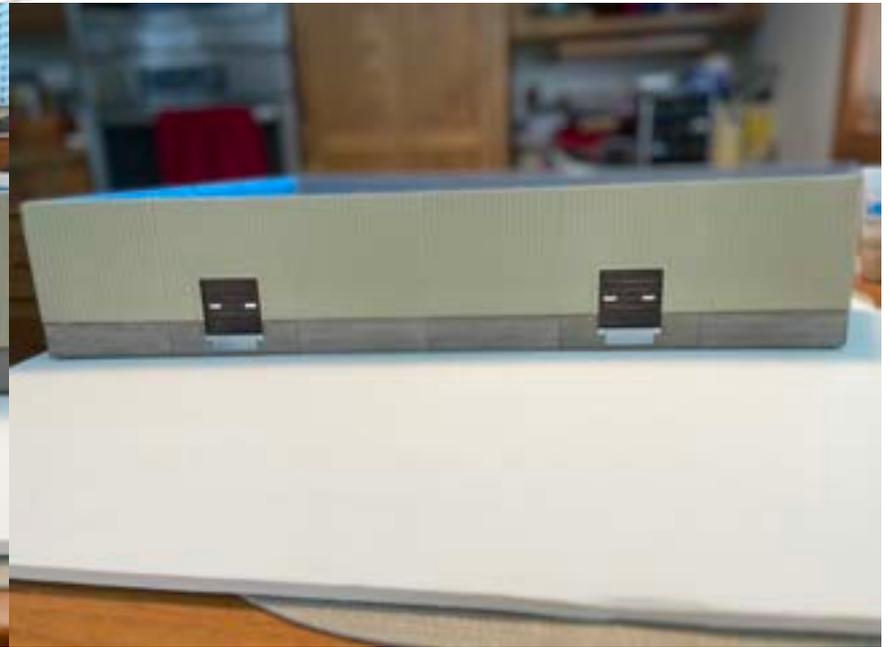
TIDI Model: Footprint Required Modification of Base & Walls



TIDI Model: Modify Rear and Trackside Walls

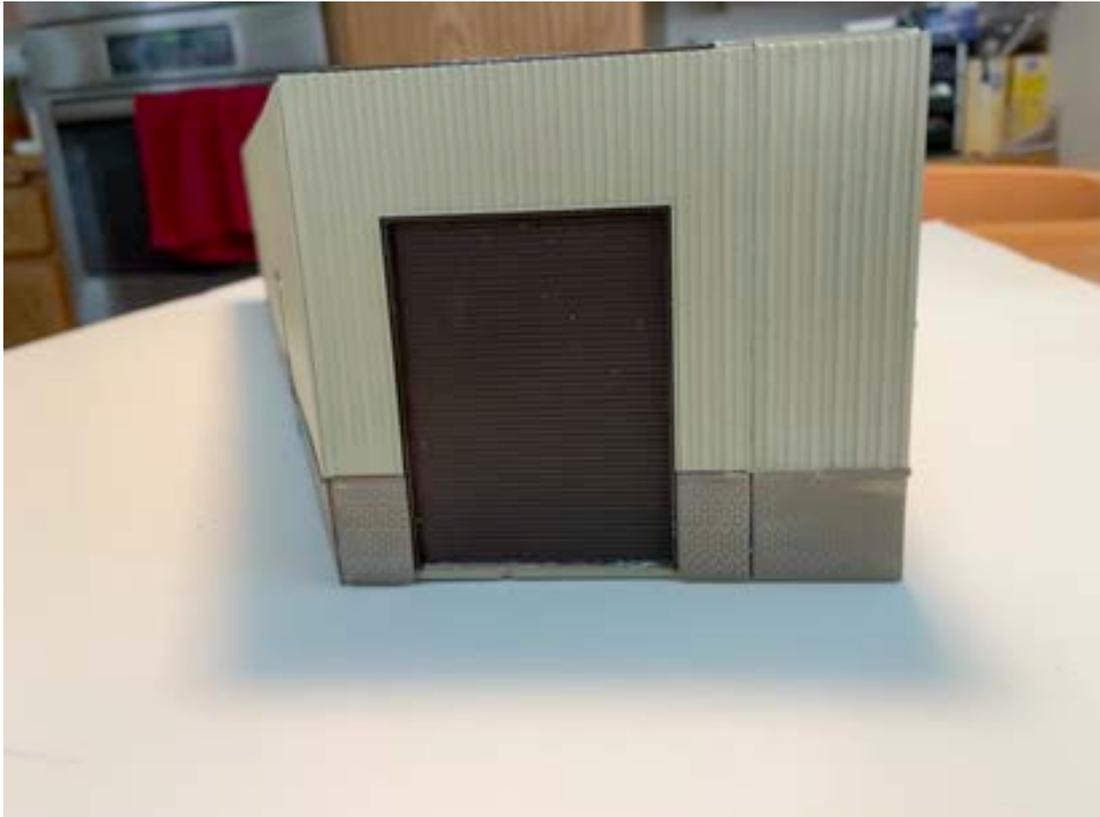


Rear Wall: Doors not used,
So spacing not critical.



Trackside Wall: Door spacing
critical for two boxcars

TIDI Model: Modify Rear Wall & Construct Roof



TIDI Model: Complete Front Wall & Signage



As Now Installed on Layout Front & Rear Views



Kit-bashing Cornerstones

Project #6

Voith Transmission

In Neenah, WI



Voith Transmission, Neenah, WI Used Kit # 933-2960: Railroad Shop



Key Requirements:

- Only 1 track going into building
- 1 car-length inside
- Footprint space tight due to adjacent buildings

Voith Transmission

Key Modifications:



- Completely eliminated Front 1-Story Section of building
- Installed track & open doors on Right Track
- Installed Roll-up Door For Middle Track
- Installed Employee Door for Left Track

Custom Internal Modifications: Crane Hoist with Motor, Loading Dock & Ramp, Circular Ladders



As Installed on the Layout



Bonus Section:
“Backdrop buildings” built from
Walthers Cornerstone Kits:

These buildings built mainly
from regular kits, not
“backdrop” kits from Walthers



Backdrop Buildings #1& 2: Made from #933-2970 Railroad Shop



Backdrop Buildings #1& 2: Made from #933-2970 Railroad Shop



footprint not to scale

Railroad Shop
17-1/8 x 8-3/4 x 8-5/8" Tall

Backdrop Building #2:
Also Made from #933-2970
Railroad Shop



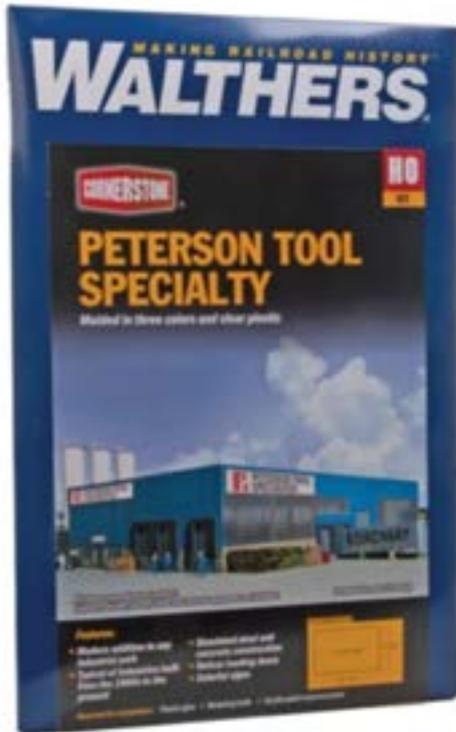
Made into General Castings Corporation in Waukesha, WI As Installed on the Layout



Made into second unnamed building
in Waukesha, WI
As Installed on the Layout



Backdrop Buildings #3 & 4: Made from #933-3091 Peterson Tool Specialties

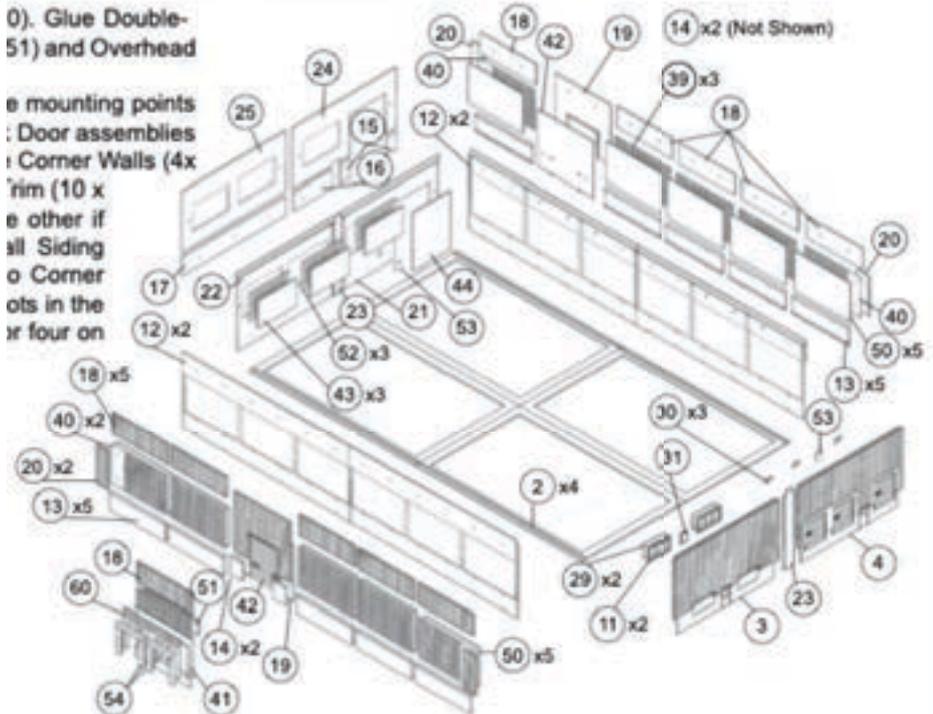


Backdrop Buildings #3 & 4: Made from #933-3091 Peterson Tool Specialties

Glue Trim Pieces (2x 14) to bottom edge of walls as shown.

0). Glue Double-51 and Overhead

Mounting points:
• Door assemblies
• Corner Walls (4x
Trim (10 x
e other if
all Siding
o Corner
ots in the
r four on



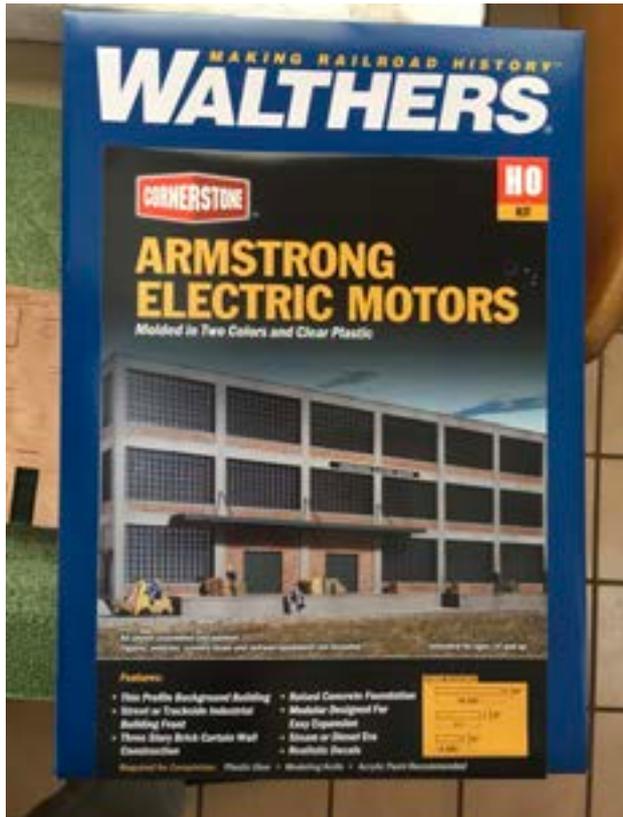
#3: Made into Navistar in Waukesha, WI As Installed on the Layout



#4: Made into Magna-Tech Manufacturing in Waukesha, WI As Installed on the Layout



Backdrop Building #5: Made from backdrop kit #933-3172 Armstrong Electric Motors



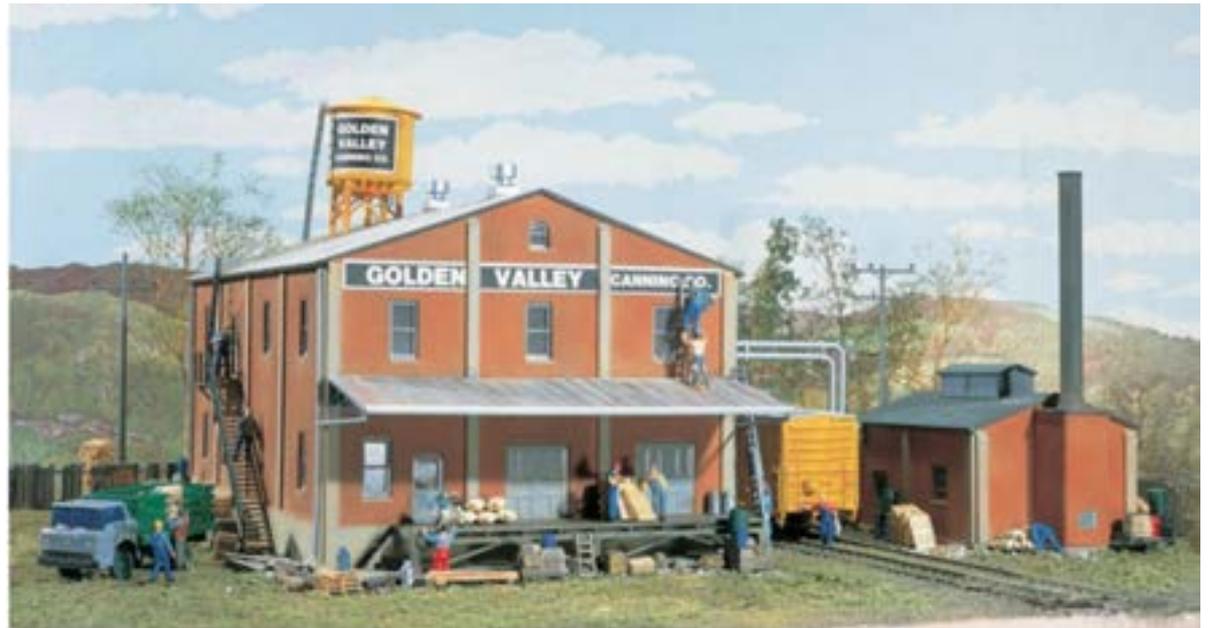
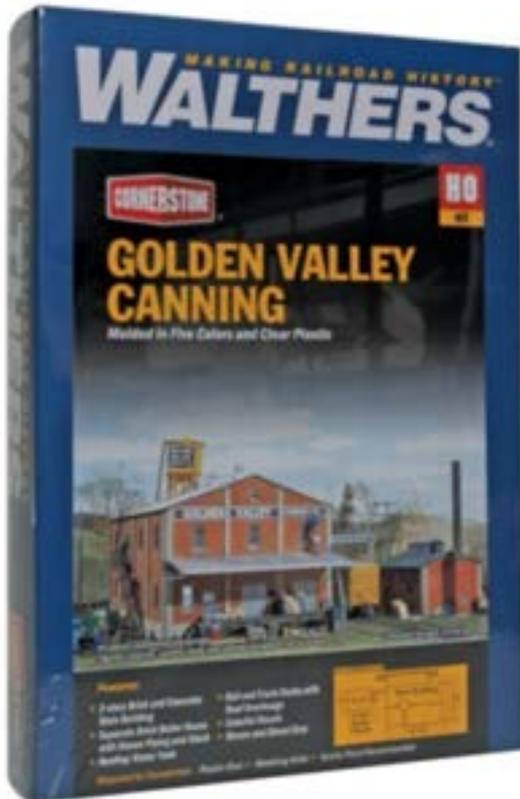
#5: Dierks Wholesale Foods in Waukesha, WI As Seen on Google Maps



#5: Made into Dierks Wholesale Foods in Waukesha, WI As Installed on the Layout



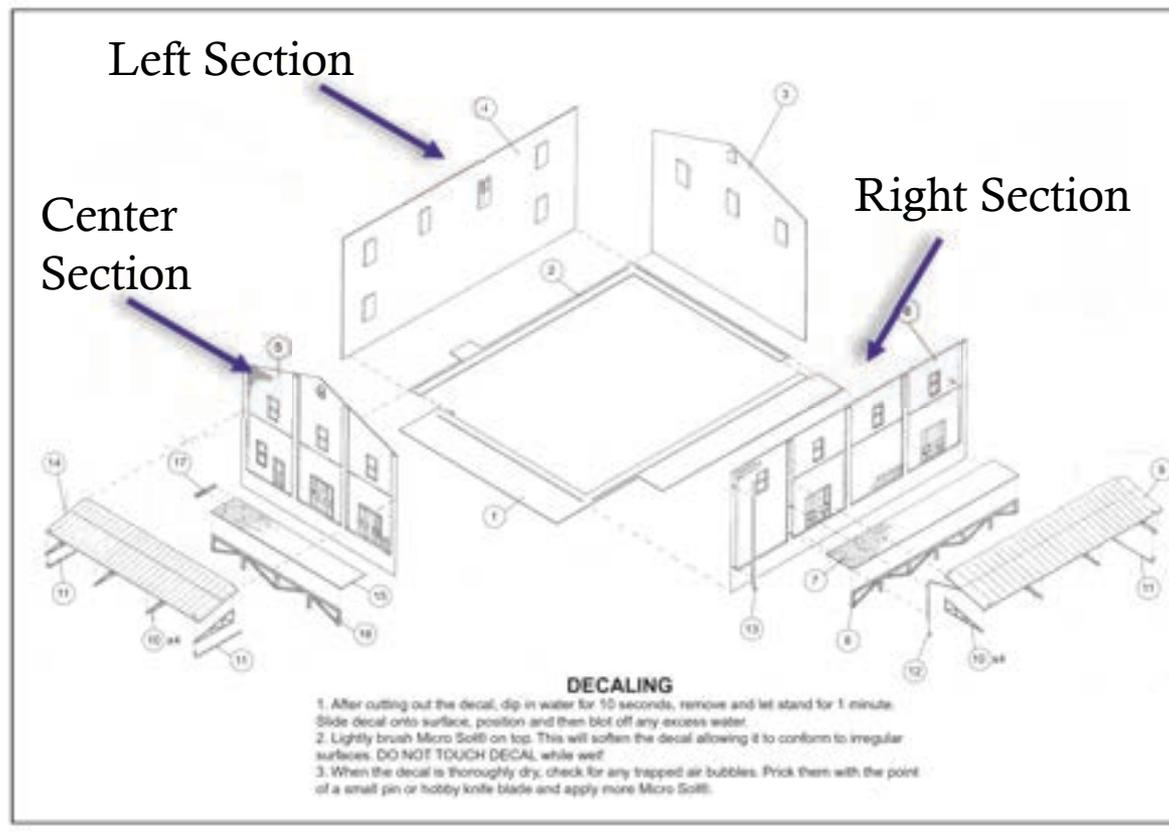
Backdrop Building #6: Made from kit #933-3018 Golden Valley Canning Company



#6: Holsum Wholesale Foods in Waukesha, WI, is now called Ventura Foods LLC



Backdrop Building #5: Made from kit #933-3018 Golden Valley Canning Company



#6: Made into Holsum Wholesale Foods in Waukesha, WI As Installed on the Layout

