

Handout for Truck to Rail Pulpwood Transfer Yard

NMRA National Convention 2015

List of Structures, Vehicles, Details, and Part Numbers for the Vass, NC, Pulpwood Yard

(Preferred kit listed first, alternatives follow)

HO Structures

- Crew Quarters/Office:
 - Suncoast Models Yard Office, Walthers #690-3040
 - Con-Cor Shed, Walthers #222-9033
 - Cornerstone Yard Office & Details, Walthers #933-3517 (also has a shed that may be useful as the scale house)
- Scale House:
 - Woodland Scenics Tool Shed, Walthers #785-216
 - Blair Line Scale House, Walthers #184-184
 - Cornerstone Series Track Scale, Walthers Part #933-3199 (includes scale)
 - Vollmer Scale house, Walthers #770-5721
 - Depots by John, Fairbanks-Morse Scalehouse, Walthers #87-114
- Oil House:
 - B.T.S. Structures Tool Storage Shed, #464-27112
 - Nucomp Miniatures Tool Shed, Walthers #534-87210

Or, use B.T.S. Structures Anderson Pulpwood Yard kit, Walthers #464-27480, for the office, shed, and scale, with other accessories.

- Wash Rack:
 - No Kit – Scratch-build or
 - kit-bash from Pike Stuff Yard Office, Walthers #541-16 or 541-162
- Control Tower
 - Alpine Division Scale Models Modern Yard Tower, Walthers #700-80
 - Vollmer Interlocking Tower, Walthers #770-45737

N Structures

- Crew Quarters/Office:
 - BLMA Yard Office, Walthers Part # 176-500
 - Pikestuff Office and Warehouse, Walthers Part # 541-8017 (using this kit would also provide the basis for kit-bashing the wash rack)
- Scale House:
 - the Blair Line Scale House, Walthers Part # 184-84
- Oil House:
 - GCLaser Tool Shed, Walthers Part # 292-201
 - Northeastern Scale Models Storage Shed, Walthers Part # 520-30002
- Wash Rack:
 - No Kit – Scratch-build or
 - kit-bash from Pikestuff Office and Warehouse, Walthers Part # 541-8017
- Control Tower
 - Vollmer Signal Tower, Walthers Part # 770-47600
 - JL Innovative Design, Bagwell Junction Tower, Walthers Part # 361-290
 - Cornerstone Interlocking Tower, Speeder Shed, Crossing Shanty Cream w/Railroad Green Trim. Walthers Part # 933-2603 (also in Yellow or Gray, with different last digit)

Both the JL Innovative Design and Cornerstone kits are railroad towers, but they have additional buildings that could be used as the oil house.

HO Vehicles

- Log Loader
 - Resin Unlimited, Logging Equipment – Loading Crane, Walthers #627-203 (exact loader, but no longer available?)
 - Kibri Grapple, Walthers # 405-11192
 - GHQ Log Loader, Walthers part #284-61005
 - Boley tractor with front timber grapple. Walthers #185-2010x (three different colors differentiated by the last number, but no longer available)

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- Semi-tractor
 - The Wheel Works Terminal Tractor, Walthers #778-96157
 - Athearn ATH2901x, where “x” indicates a livery option
 - Many other light semi-tractors are available to suit your taste and era.
- Log Trucks
 - Custom Finishing Logging Trailer, Walthers #247-5008
 - Trucks, American Semis-Logging Truck, Herpa, Walthers #326-6250, or Con-Cor, Walthers # 223-1006 (both would need additional log bunks added)
 - Walthers, Truck – Logging Truck, Walthers #933-4012
 - Walthers formerly offered Pulpwood Trucks that could be modified, but these are not currently shown at Walthers.com. They may still be found in hobby shops or at swap meets.
 - Others? Such manufacturers as A-Line, Sylvan Scale Models, or Sheepscot Scale Products may have trucks that could be modified.
- Dump Truck
 - Alloy Forms Mack B-61 2-Axle Dump Truck w/Heil Dump Bed
Walthers Part # 119-3028
 - Alloy Forms ford LN 9000 Dual-Axle Dump Truck w/12' Heil Dump Body & Disc Wheels,
Walthers Part # 119-7056
 - SceneMaster (formerly Boley) International 4300 Single Axle Dump Truck, Orange Cab,
Silver Bed, Walthers Part #949-11633

These dump trucks are representative of the duty weight of the truck at VASS, other larger and smaller trucks are available.
- Pick Up Truck – most available in HO are either too old or too new.
 - 1956 Ford Pick Up, Alloy Forms (Jaks Industries), Walthers #119-2021 for a transition era yard, or
 - American trucks – Ford F-150 Pick UP truck, Atlas Model Railroad Co, Walthers #150-124x (x denotes color) for a more modern era yard, or
 - Take your pick, to suit your era.
- Tractor (will require the addition of a rear scraper in all cases, and construction of a drag from old rail or other scrap pieces)
 - Kibri JCB Front End Loader w/ rear wood grapple, Walthers #405-12206 (remove the grapple, which could be used as the stationary grapple shown in the photos)
 - GHQ 310A Backhoe, Walthers #284-61010 (use the backhoe boom for the stationary loader, and scratch-build a grapple)
 - Kibri JCB 4CX tractor w/backhoe and front end loader, Walthers #405-10692 (remove the backhoe)
 - Others?

N Vehicles

- Log Loader
 - GHQ Logging Equipment (Unpainted Metal Kit) Komatsu Log Loader w/Heel Bottom
Walthers Part # 284-53012
 - GHQ Logging Equipment (Unpainted Metal Kit) IT18F Log Loader Walthers Part # 284-53014
- Semi-tractor

There were no terminal tractors located in the Walthers catalog, but there were a number of full-width tractors of varying eras that could be substituted.
- Log Trucks
 - GHQ 359 Tractor w/Skeleton Logging Trailer, Walthers Part # 284-52007 (This truck would need extra bunks added. GHQ has an older trailer also.)
- Dump Truck
 - GHQ Ford 9000 Dump Truck, Walthers Part # 284-53013
- Pick Up Truck

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- Cal Freight 1975 Ford Pick Up, With Stock Bed, Walthers Part # 201-3010
- GHQ F-150 Pickup w/Topper, Walthers Part # 284-51004
- Tractor (will require the addition of a rear scraper in all cases, and construction of a drag from old rail or other scrap pieces)
 - Wiking Massey Ferguson MF 8202, Walthers Part # 781-95740

HO Details

- Slasher: Scratch-build, using Evergreen Hill Design chain saws, Walthers #261-8030 O scale, or #261-630 HO scale, for the blade, and the motor from the Cornerstone Old Time Series Coal Conveyor (see below) or Scale Structures Ltd. (Jaks Industries) large electric motor, #SS2098
- Safety Cage Ladder & Staircase:
 - Tichy Train Group, Walthers #293-8002
 - Safety Cage Ladder, Gold medal Models, Walthers #304-8712
 - Safety Caged Ladders, Cornerstone Series Detail Kits, Walthers #933-3515
- Stairway: Gold Medal Models, Fire Escape Add-On, Walthers #304-8702
- Radio Antenna:
 - Miniaturics Brass Tower, Walthers #475-TW01101
 - Sheepscoot Scale Products - Photo-Etched Brass Models - Radio Tower/High Tension Electric Line Tower, #75008 (see their web page, <http://www.sheepscootscale.com/portal/>)
 - Kitbash from many others, or structural shapes
- Stationary Loader:
 - A-Line/Promotex Truck Hoist-logs, #5323
 - Custom Finishing, Cherry Picker attachment for log truck, Walthers #247-5011
 - Use the grapple removed from one of the tractor or truck kits (see above) or omit.
- Conveyor/Elevator: (all will require some modification)
 - Old Time Coal Conveyor, Cornerstone Kits, Walthers #933-3520
 - Conveyor w/Industrial Accessories, Model Power, Walthers #490-320 (also gives you fuel tanks and air compressors, plus other details)
 - Coal Conveyor, Dyna Model Products, Walthers #260-2000 (unpainted)
 - Coal Conveyor from Cornerstone, O. L. King Coal Company kit, Walthers #933-3015
 - etc.
- Used Oil & Fuel Tanks:
 - Scale Structures 200 gallon tank, Walthers #650-2411
 - IHC Qwik Kit, Rural Assortment, Walthers #348-4552
 - Use parts from the Model Power Detail Kit, Walthers #490-320
- Log Stacks:
 - Scratch build using Styrofoam core, or
 - kitbash, starting with
 - Walthers Pulpwood Piles, Walthers #933-1032 or
 - Chooch Pulpwood Loads, Walthers #214-7216
- Chain-Link Fence:
 - Alloy Forms Chain Link Fence Kit, Walthers #119-2009
 - Builders in Scale Chain Link Fence Kit, Walthers #169-604
 - Busch Gmbh & Co Kg Chain-Link Fence, Walthers #189-6019
 - Plastruct, Inc. Chain Link Fence, Walthers #570-90451
 - etc.
 - scratchbuild, with toule (mesh) fabric and brass or plastic posts and rails
- Headache Rack: Alloy Forms, Walthers #119-3075

N Details

- Slasher: Scratch-build. Try the Evergreen Hill Designs HO chain saw blade.
- Safety Cage Ladder & Staircase: Gold Medal Models, Industrial Safety Cage Ladders (Photo-Etched Metal Kit), Walthers #304-16038
- Stairway: Gold Medal Models, Industrial Stairways (Photo-Etched Metal), Walthers #304-16035
- Radio Antenna: Scratch-build.

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- Stationary Loader: Use a boom from a second GHQ Komatsu loader kit, or scratch-build.
- Conveyor/Elevator: Scratch-build.
- Used Oil & Fuel Tanks: The N Scale Architect, Industrial Assortment -- 2 Tank Pipes, 1 Chemical Tank, 2 Square Roof Vents, Walthers #716-20009
- Log Stacks:
 - Scratch build using Styrofoam core, or
 - kitbash, starting with Model Railstuff Pulpwood Load (lengthwise) For Micro-Trains Bulkhead Flat Car - Lengthwise Logs, Walthers Part # 506-1570
- Chain-Link Fence: Gold Medal Models, Chain Link Fence w/Barbed Wire (Photo-Etched Metal Kit), Walthers #304-1602
- Headache Rack: Scratch-build.

HO Railcars

Railcars matching the International Paper cars will probably need to be scratch-built. One outside possibility I have found for kit-bashing is the AccuRail 89 foot flat car. However, Walthers no longer shows this car. Some may still be available direct from Accurail, or at the local hobby shop or swap meet. The car must be shortened, and many ribs must be removed, then the tapered pillar supports must be fabricated, as well as other detail work. For an earlier era, flat cars equipped with log bunks can be used. If you're willing to sacrifice accuracy, you can represent the operation using commercially-available pulpwood cars. Here are some recommendations:

Kitbash an International Paper car:

- 89' TOFC Flat Car, Accurail, (no longer in Walthers, but some 89xx series flat cars are still available direct from Accurail. See their web page at <http://www accurail.com/accurail/>)
- Others?

Backdate:

- Any 40', 50', or 60' flatcar, with two (40' or 50') or three(60') pairs of Pacific Car and Foundry Type Log Bunks, Details West, Walthers #235-171

Represent a modern car:

- 63' Pulpwood Flat Car, Walthers, Walthers #932-315x (x indicates roadname) or 932-315xx multipak
- Other pulpwood cars are available, but are "bulkhead flats," that usually load the pulpwood across, rather than along, the car. You would need to add side stays to such cars.

N Railcars

Railcars exactly matching the International Paper cars will probably need to be scratch-built. One possibility to represent these pulpwood cars closely in N scale might be the Micro-Train Line 65' Evans Log Car, Walthers Part #489-11514010 and similar.

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