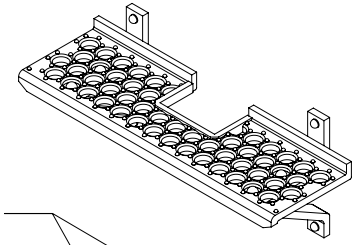
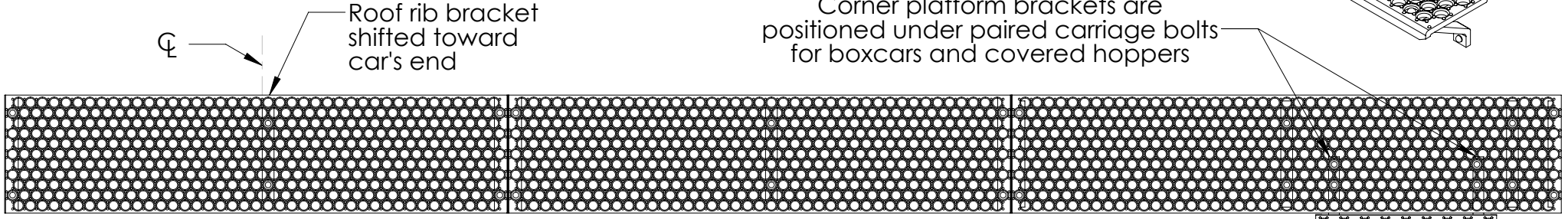
"Morton" Roofwalk, Corner Platform, & Brake Step
(O) Scale (C) 2025 Smoky Mountain Model Works, Inc.

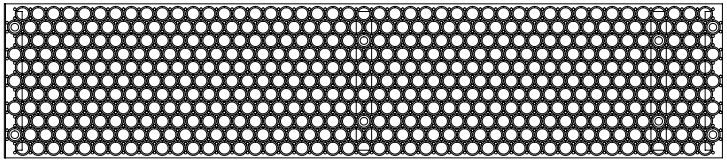




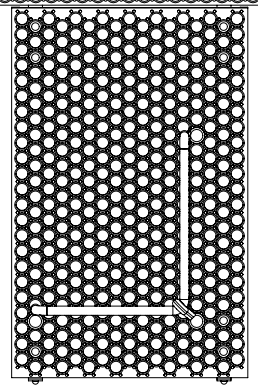
Shown at half-length. Full length = 42' 4".

Assembly tip: flip (2) sections at a time on their tops and use cellophane tape to position. Apply a couple TINY drops of CA at the joint. When cured, repeat for other sections.

NOTE: Each "middle" section has a support corresponding to a roof rib (but not ON the rib). These supports are offset toward the car's end. Be sure to orient these sections properly before gluing together.



"End Section" for Reefers
(corner platform brackets removed)



READ THIS BEFORE HANDLING PRINTED PARTS

Grates are produced on a FormLabs "Form4" printer using Grey V5 resin. While the resin has flexibility and is durable, smaller details can break if handled carelessly. The corner platform grab iron and brake step are printed in Tough 1500 which simulates Polypropylene (semi-rigid/flexible). Each grab iron post had a mounting pin that aligns with a hole in the grate.

Grates are packaged on their printing bases (called "rafts") for maximum protection. Use ONLY a razor saw with 32-teeth or finer to separate supports from the raft. You can cut through all supports in a few seconds. After parts are sawn off the raft, twist off the supports between thumb and forefinger.

DO NOT use knife blades or side cutters (such as "Xuron") to remove supports, either from the rafts or where each support contacts the part. Using either tool spreads the supports, not remove material. Spreading pushes the support apart and transmits stress up the support into the part causing the part to twist and often break or chip.

Store unused parts in a dark, dry environment like a box or drawer to avoid exposure to additional UV radiation from lights and through windows. Leave unused parts on their rafts to reduce warpage.

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