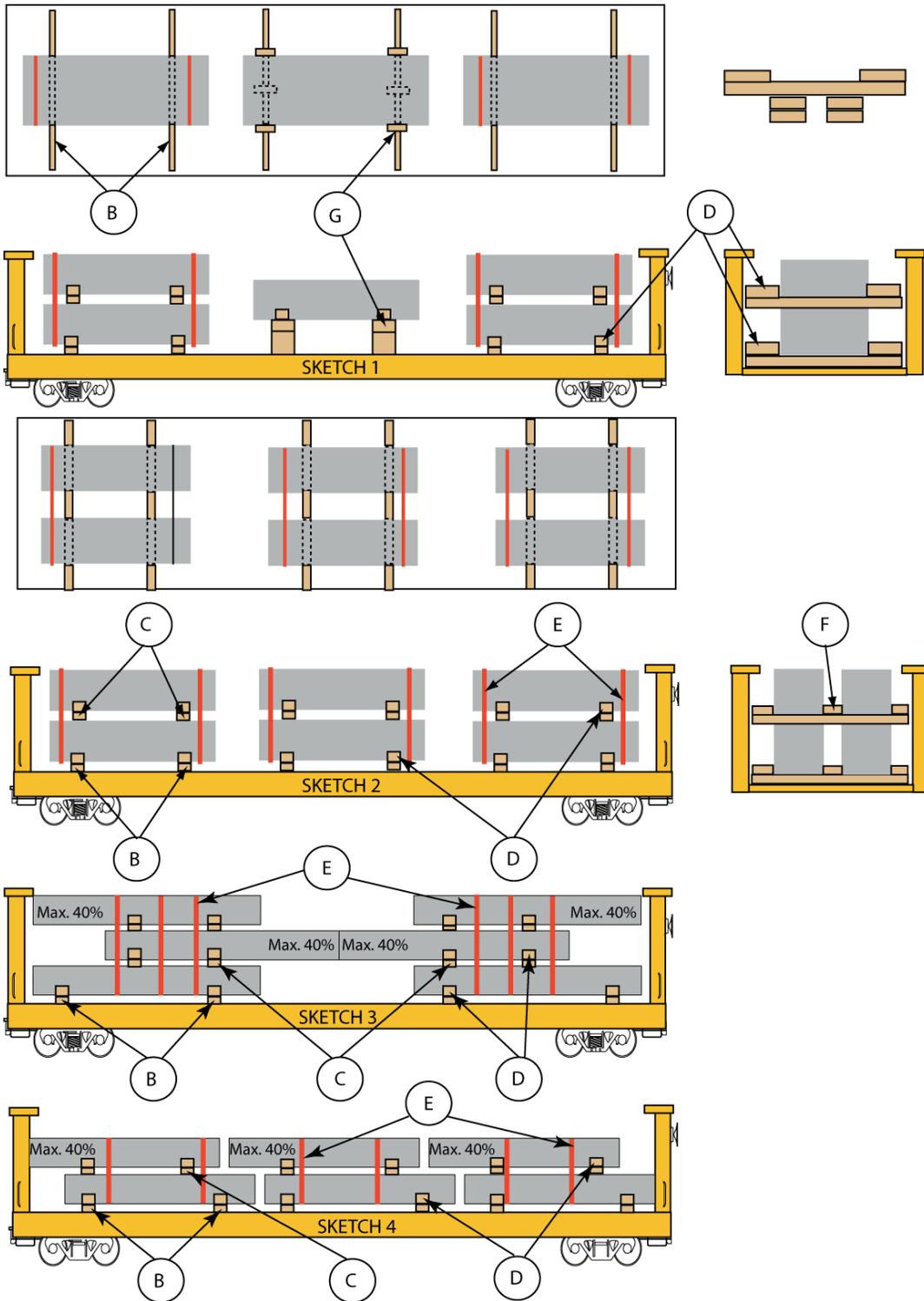


INGOTS ALUMINUM, GONDOLA CARS
RAC 12043C
Revised 03-2021



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RAC 12043C (concluded)

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Item	No. of Pcs.	Description
B	2 per pile	Bearing pieces: minimum 2 in. high, width 2 in. greater than Height. Length equal to width of car. Locate crosswise in car.
C	2 per pile	Separators: minimum 2 in. high, width 2 in. greater than Height. Length equal to width of car. Locate over item B.
D	2 each Item B. 2 each Item C	Cleat: minimum 2 in. high, width 2 in. greater than height Length equal to void between ingot and side of car. Secure to Items B and C with minimum of five 16-D nails. Not required if total void is 8 inches.
E	2 per 2 ingots pile, 3 per 3 ingots pile	Unitizing straps: 1 ¼ in. x .029 in. high-tension bands.
F	2 per pile	Vertical spacer: minimum 2 in. x 4 in., length equal to height of pile. Use optional when space is required between adjacent piles.
G	As required	Risers: lumber lengthwise, thickness sufficient to raise top of single ingot higher than bottoms of top ingots in adjacent piles. Minimum length 2 ft. Locate under Items B. Secure items B to risers with suitable length nails.

Notes:

1. Top ingot in pile must not extend more than 50 per cent of thickness above car sides and ends.
2. Items C may be omitted when the size of Item E bands is increased to 2 in. x .044 in. When Item C is omitted, Item E bands must be applied to all loads.
3. When loading the overhang method, ingots may not overhang or extend beyond the supporting ingot by more than 40% of the length of the overhanging ingot. Overhangs must be equally distributed over all piles to minimize the overhang length on any pile. See **SKETCH 3 and 4**.

See General Rules for further details.