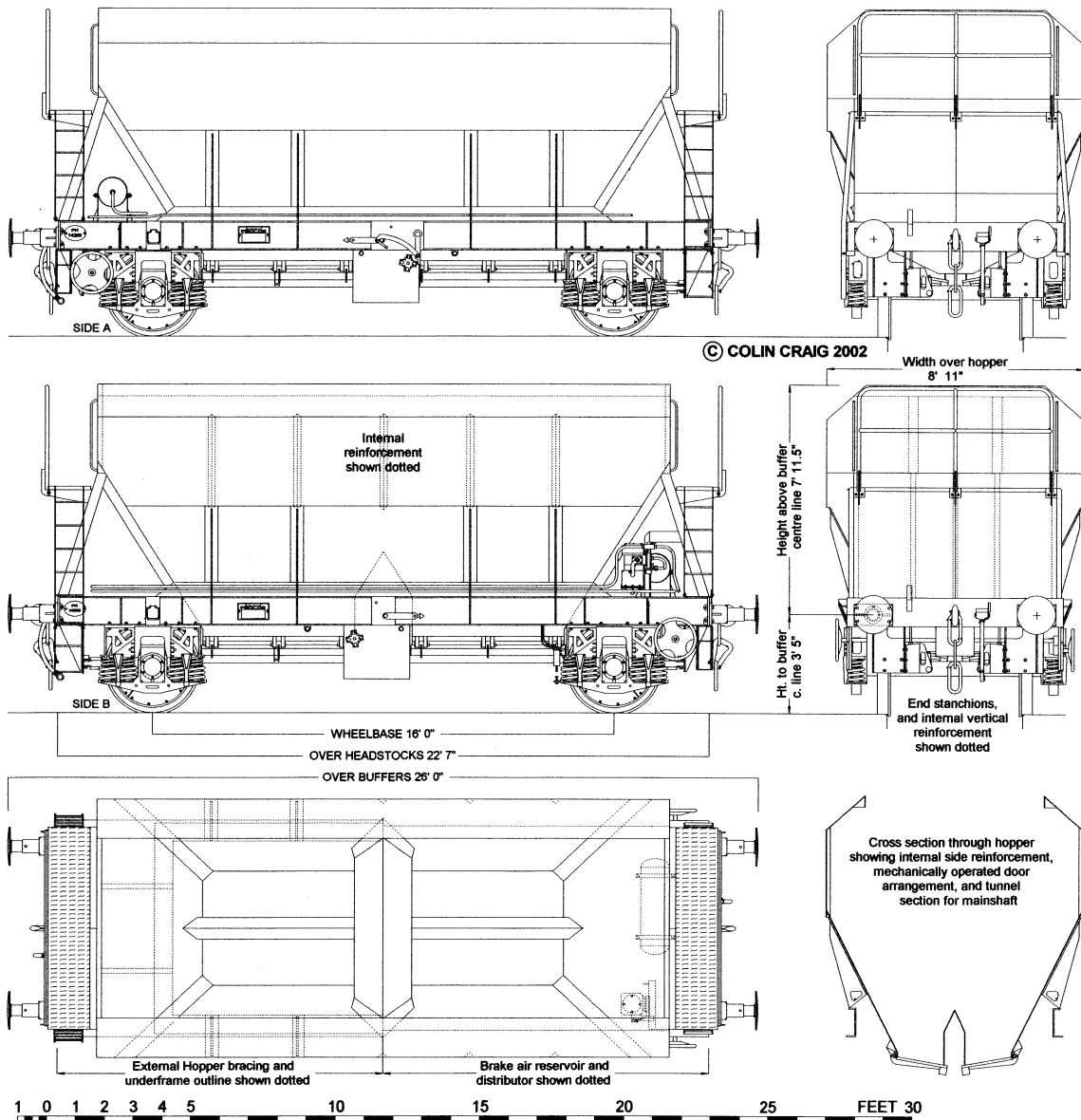


PGA Design Code PG013D PR14265 - PR14319



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Drawings performed on CAD by Colin Craig, using principal available dimensional data, measurements by Colin Craig, and photographs by Phil Eames and Huw Millington.

Notes: Built by Procor, Wakefield in 1979.

This design has the "high" version of a basic hopper shape common to codes PG013A - E, and 015A.

The external side vertical support struts lack outer facings. Internal reinforcement is with V section on the vertical sides and rectangular section on the vertical ends.

ESC suspension is fitted, with disc brakes on four wheels. The wheel operated handbrakes are connected to the two adjacent callipers, with a protection plate under the headstock. The handbrake wheels are offset vertically with a gearbox for directional control.

Buffers are Oleo stepped shank with 16" heads.

The outer end stanchions are diagonally straight down to the edge of the headstocks with covers to deflect any spillages and provide protection for the air tank and brake distributor.

The end platforms have three supporting brackets, and are both wider and deeper than those on design codes PA013A, B, and C; this results in a significant overhang over the headstocks. The ladders at the handbrake wheel end are shorter, and in line with the solebar. The safety rails are also higher with an additional cross rail, and grab rails each side of the hopper ends. The long ladders, and the footstep at the brakewheel end have two steps below the solebar.

The gears operating the bottom door mechanism have full protection covers.