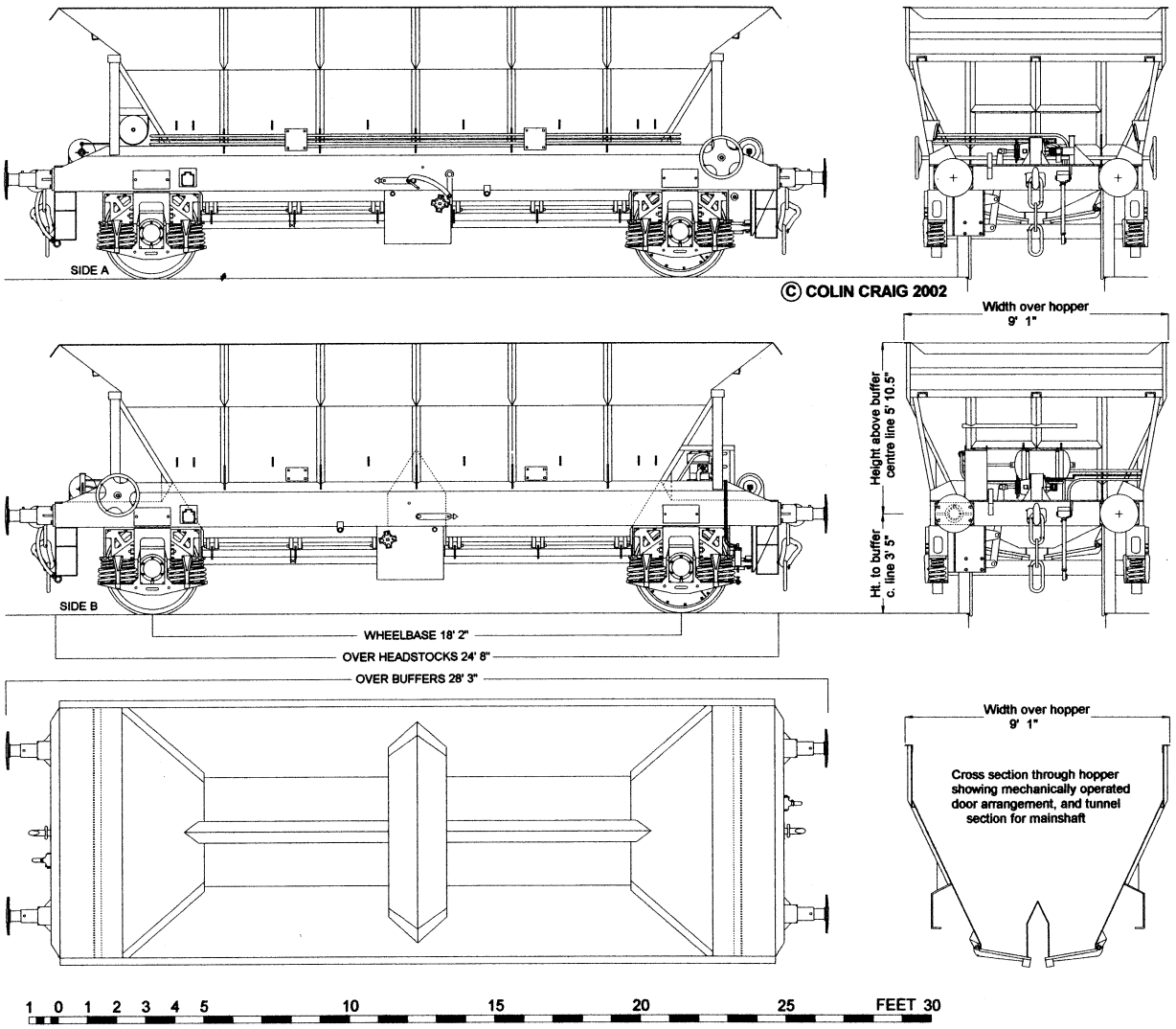
HGA Design Code HG002A 390576 - 390585, and 390656 - 390658



Scale 4mm to 1 foot

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

Notes:

Built originally as PGA design code PG007A/B by Charles Roberts, Wakefield in 1975, and converted by Marcroft Engineering to ZFA/HGA (Gunnells) in 1993-4

This design has a 28ft 3in overall length and external V reinforcement on all hopper panels. Originally designed for salt traffic, the inside of the hopper is free of reinforcement which might retain this corrosive material.

Other identifying features are the ESC suspension, with disc brakes on two wheels, positioned on diagonally opposed corners, and with the unusual arrangement of the air cylinders mounted above the solebar. The wheel operated handbrake is connected to a single calliper. The handbrake wheels are offset horizontally with a gearbox for directional control.

The drawing shows 20.5" (520mm) stepped shank Oleo buffers with 16" round heads, replacing the original 20.5"(520mm) Oleo ribbed shank with 14" x 24" oval heads.

The air tank and brake distributor are located at the opposite end to the handbrake wheels.

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

Photograph of HGA 390579 at Hereford March 2002