

The Counterweight Caddy

A new method for storing the weights required for counterweight flying systems, which reduces manual handling issues and therefore, injuries to technical teams.

The Counterweight Caddy was displayed in prototype form at the ABTT Theatre Show

Winner of the ABTT (Association of British Theatre Technicians) Virtual Ideas Platform, Idea of the Year 2023



Rev	Date	Drawn	Amendments

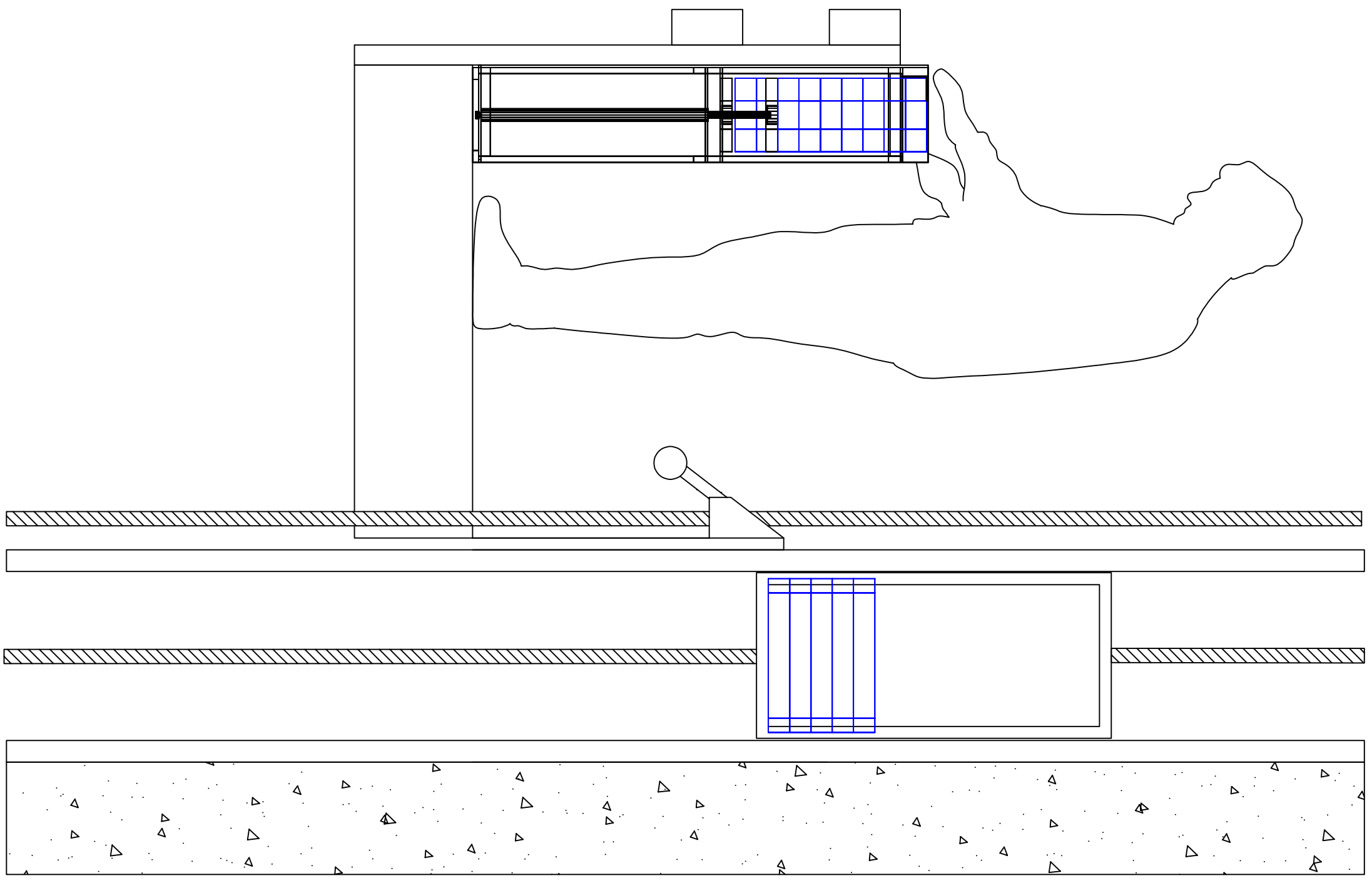
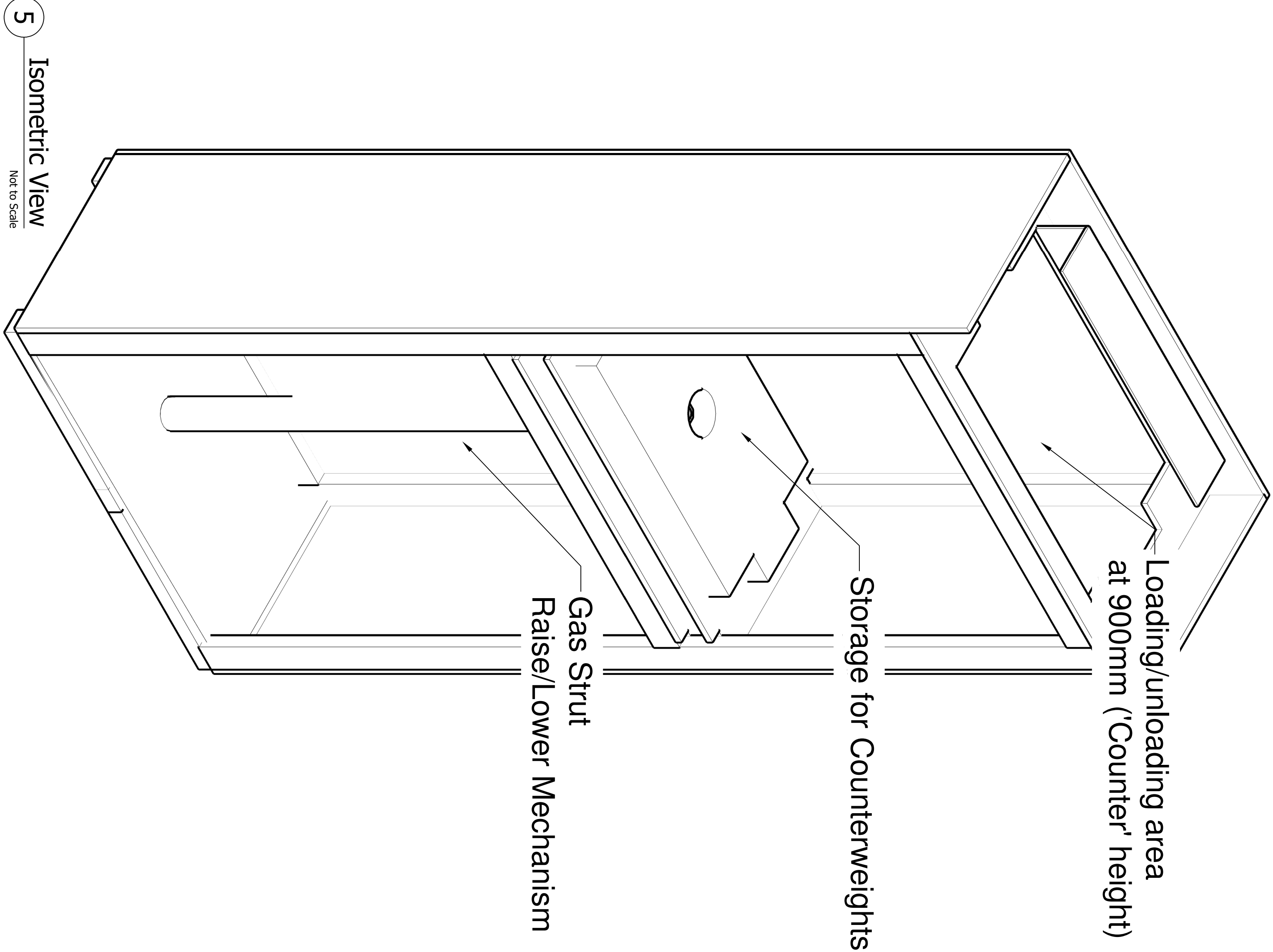


cad4theatre
WORLD STAGE DESIGN
SHARJAH 2025
e:david@cad4theatre.org.uk
w:www.cad4theatre.org.uk
m:++44(0) 7882 445409

Project:
The Counterweight Caddy®

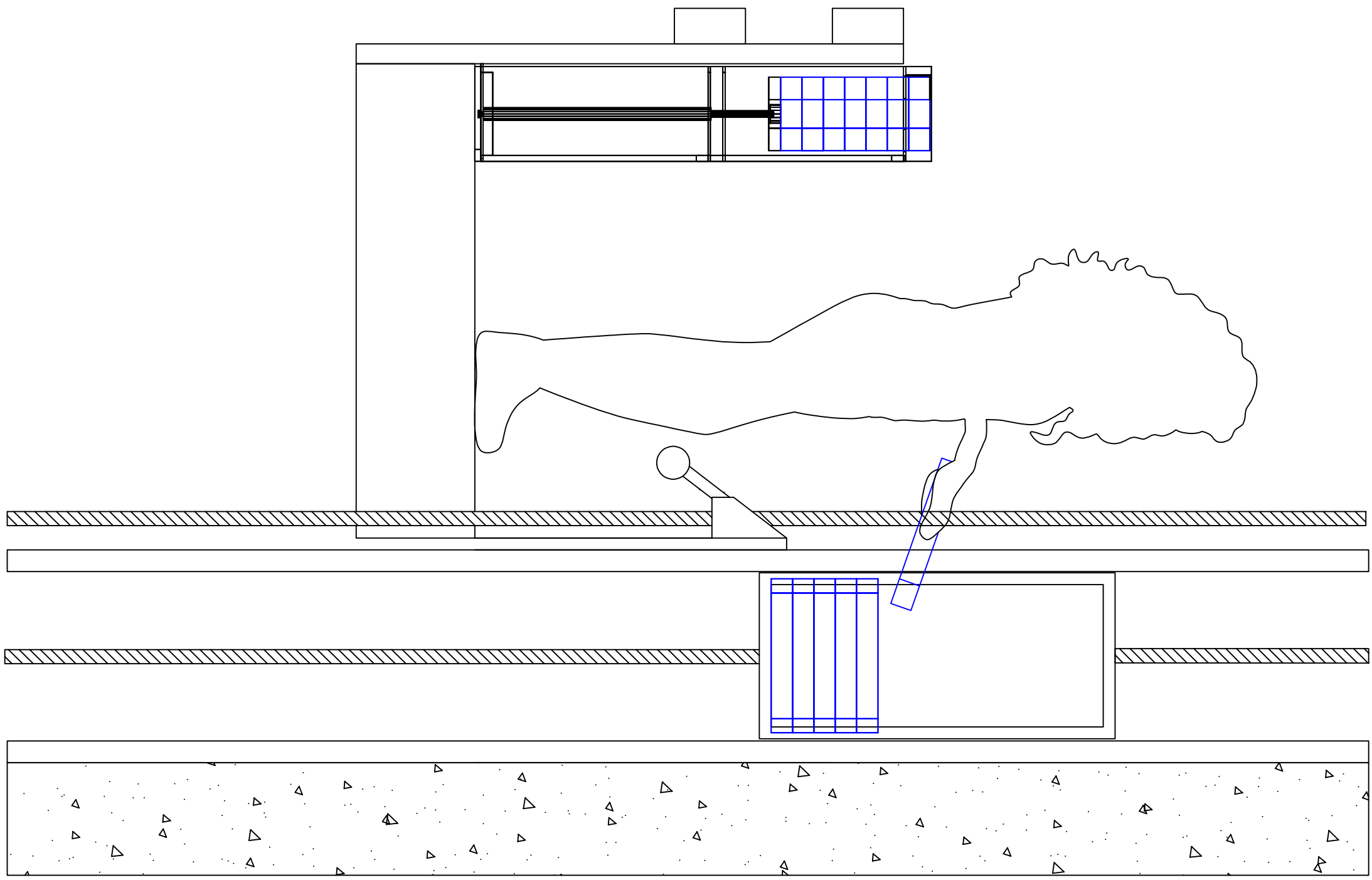
Drawing Title
General Arrangement
IPO Registered Design No 6290105
Concept & Design © David Ripley

Date	Drawn by	Checked	Scale
Aug 25	DR		By VP
Drawing No	Revision		
WSD01	A		® A0



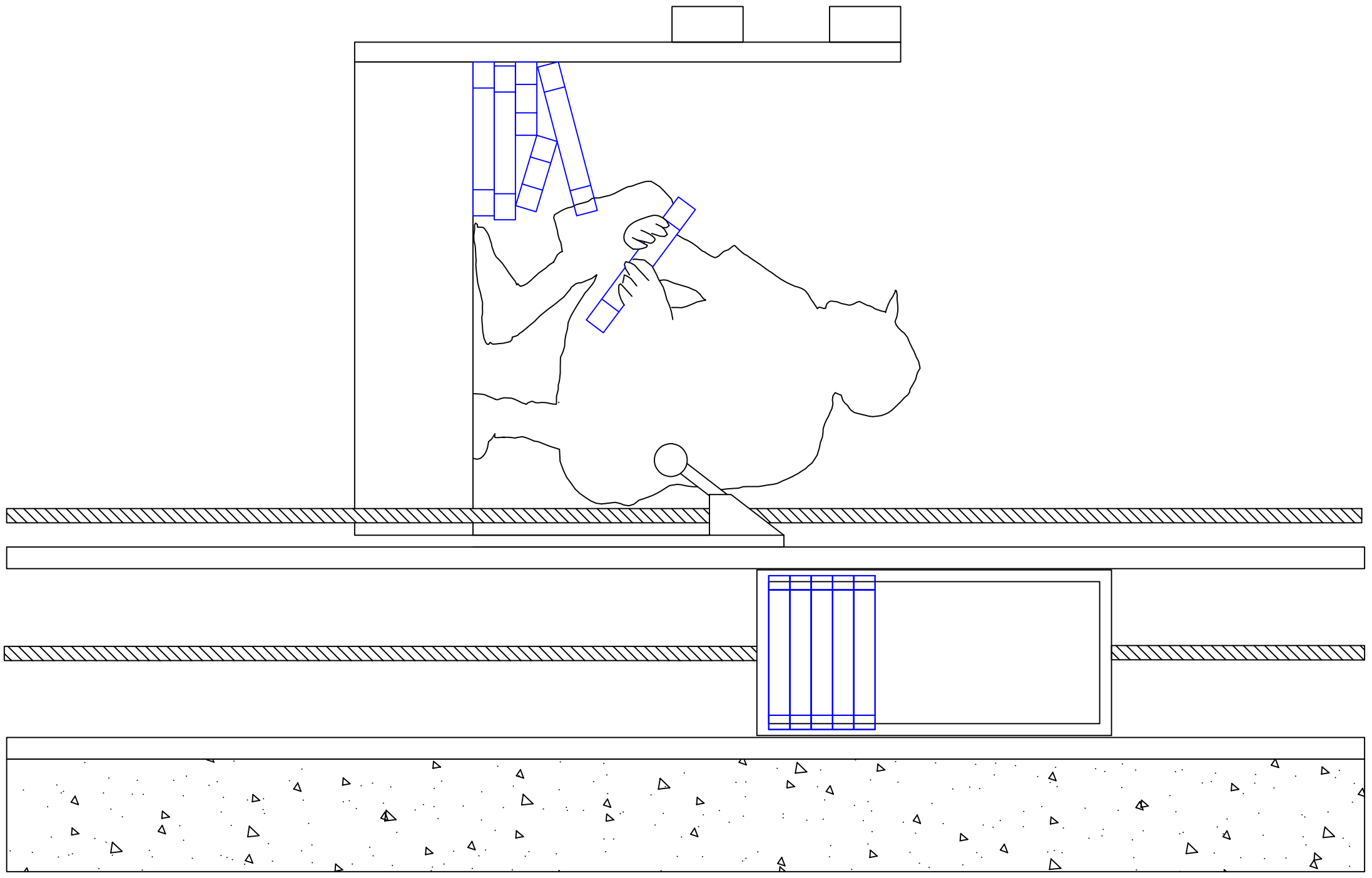
3 The Counterweight Caddy Storage

The Counterweights Caddy presents the weights and at 'countertop' height, eliminating manual handling issues. As each weight is removed the next one rises, and vice versa during unloading



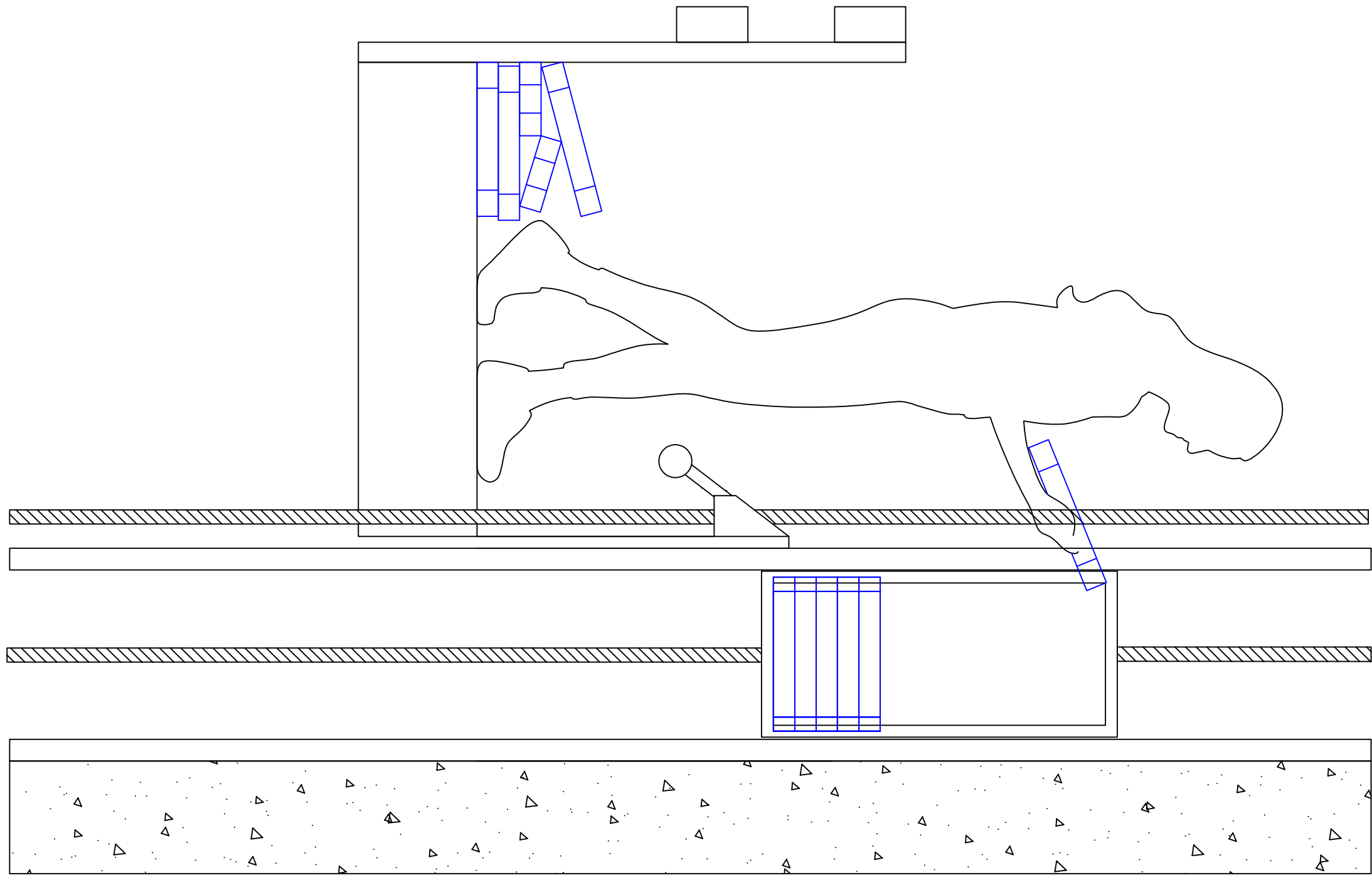
4 Loading the Cradle from the Caddy

The loader using the Counterweight Caddy, only needs to turn and put the weight in place. This greatly reduces the chance of injury whilst working in the Loading Gallery



1 Traditional Counterweight Storage

Counterweights are usually stacked, loose on the loading gallery, creating trip hazards. This also means the weights are being lifted from floor level, which can cause musculoskeletal injuries.



2 Loading the Cradle

The loader now needs to lift the weight, from the floor, twist and then load the weight into the cradle. This is against good Manual handling practice and can lead to back problems.