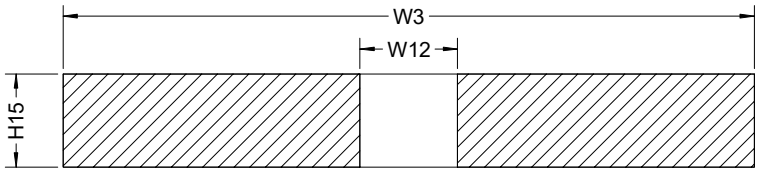
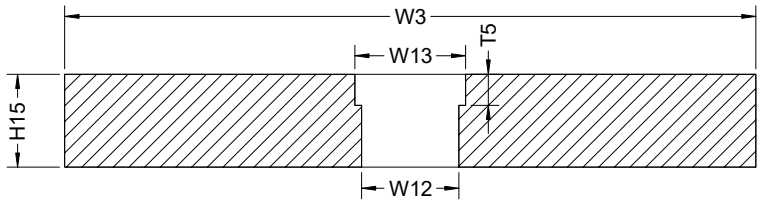
The walls of the centre channel get hot

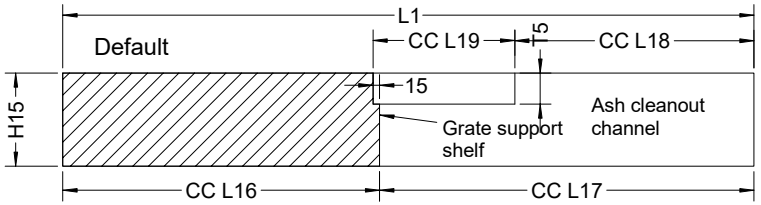


Section A-A

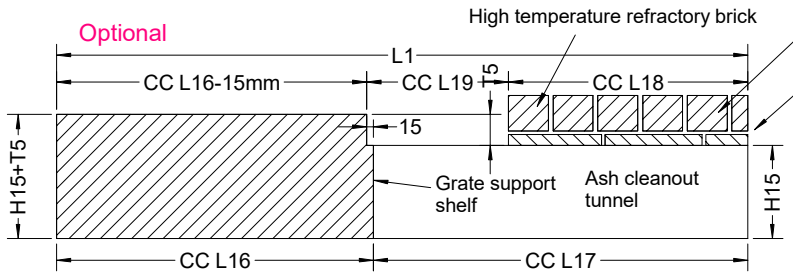
Notch is produced by setting those bricks back 15mm.



Section B-B



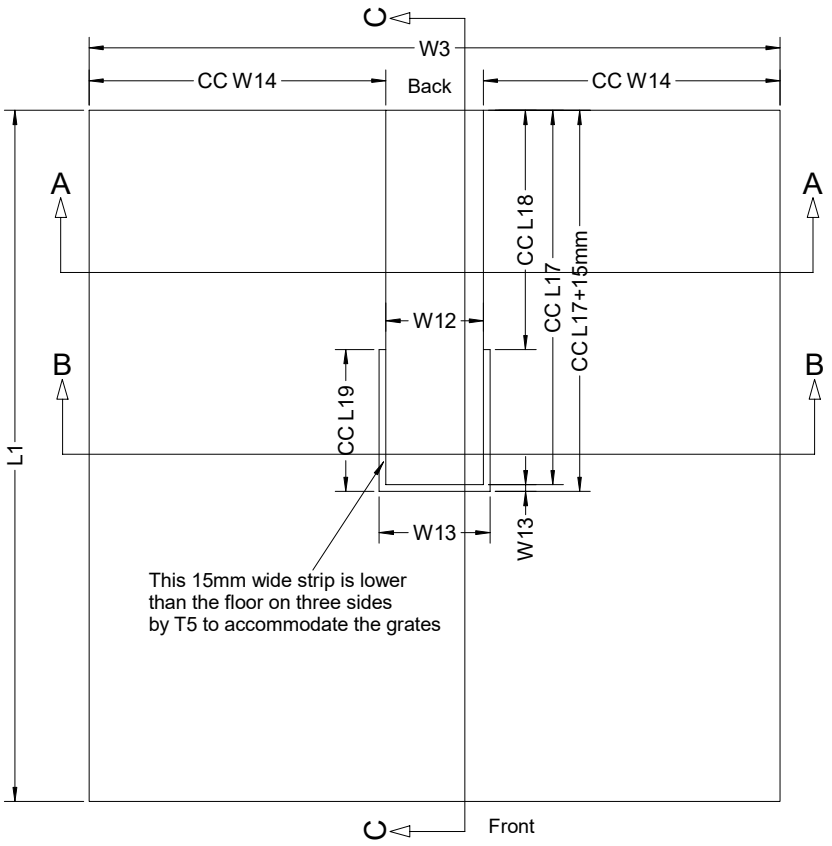
Section C-C



Section C-C

ALTERNATIVE ASH CHANNEL ROOF

The section under the fuel entrance is flush with the top of the lower grate which sits on the ash cleanout channel. This raises the whole stove 70mm. With this option, the front (left in Section C-C) and back (right) platform heights will be different by 70mm.



Cast iron ash cleanout door with primary air hole diameter D7

Clay face brick 80 x 90 x 225mm or equivalent

Clay roof tile 320 x 210mm bridges the ash cleanout channel

A-A, B-B and C-C

The same channel roof with brick and tile can be used over the fuel feed channel. except for the 45 deg bevel.

			UG-Simba Institutional Stove
			Features: Rectangular expansion chamber; Two grates; Steel shell; Brick combustion chamber
			Material: Brick, refractory brick, fireclay cement
			Quantity: 1 Layer per stove
			Scale: Not to scale
Version: 1.0	Date: 2024-01-24	Initials CPP	Drawn By: C Pemberton-Pigott
Drawing No. UG-Simba-11 Layer 1, v1			Part LAYER 1