

Materials: Off-the Shelf Parts as defined

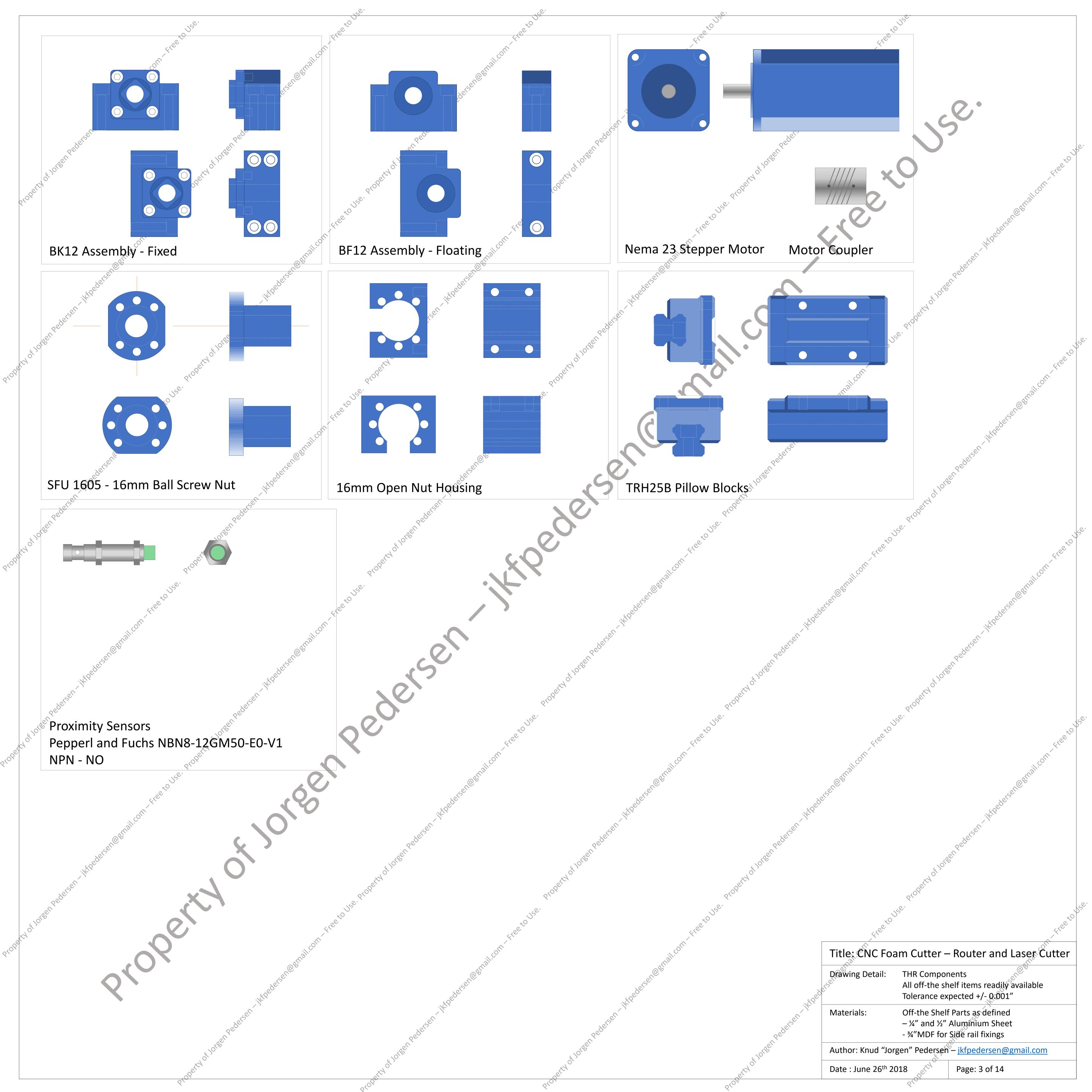
- ¼" and ½" Aluminium Sheet

- ¾"MDF for Side rail fixings

Author: Knud "Jorgen" Pedersen – jkfpedersen@gmail.com

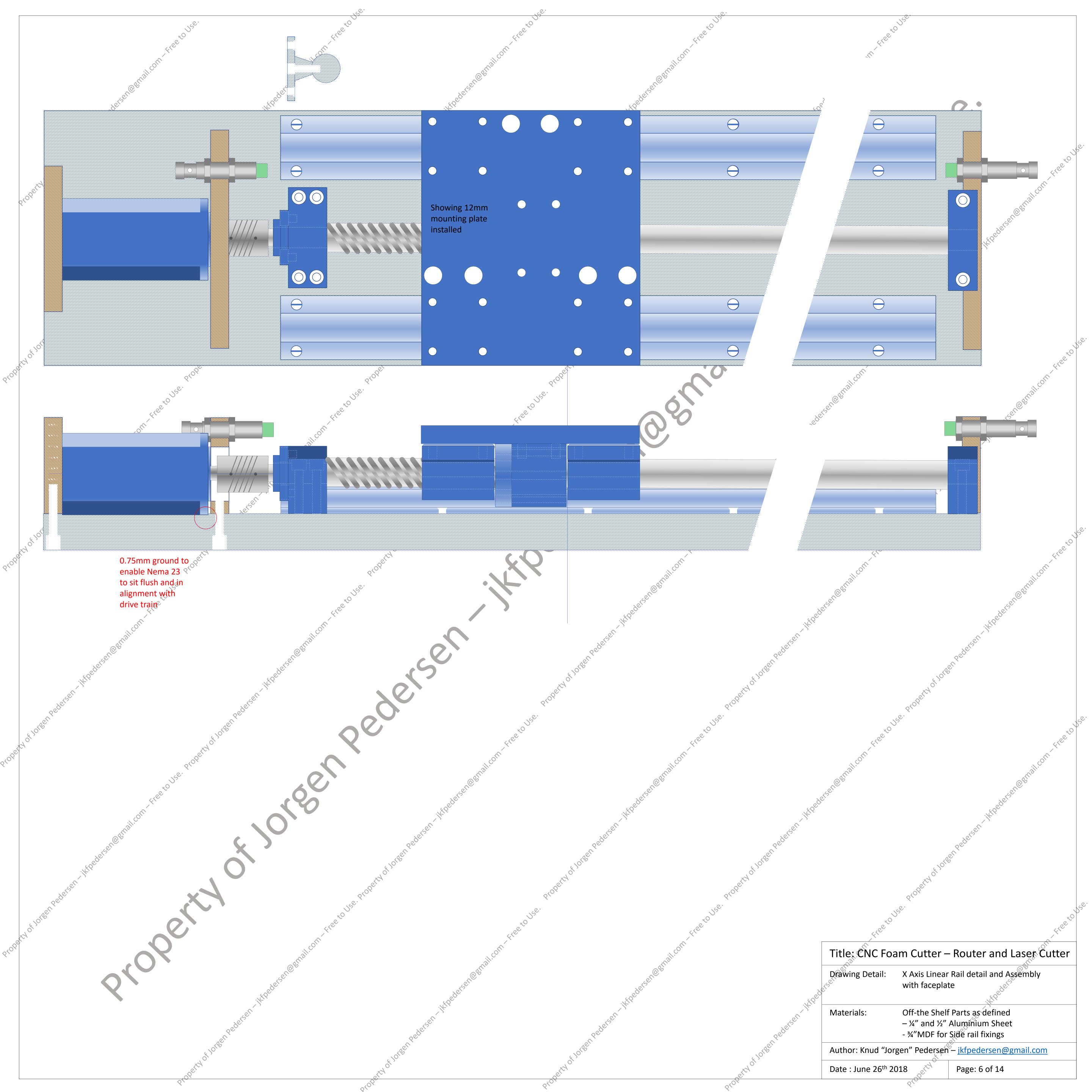
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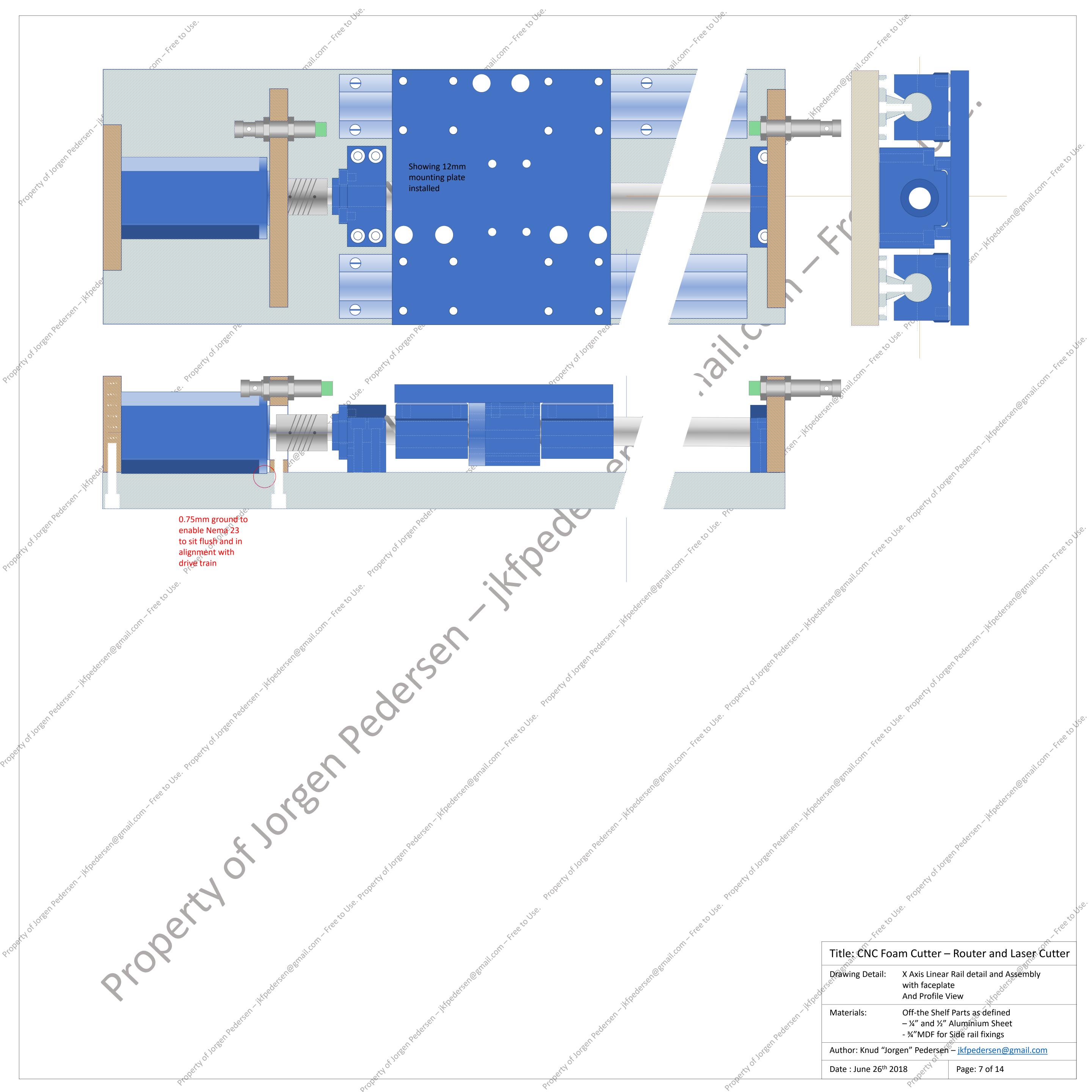
Tolerance expected +/- 0.002"

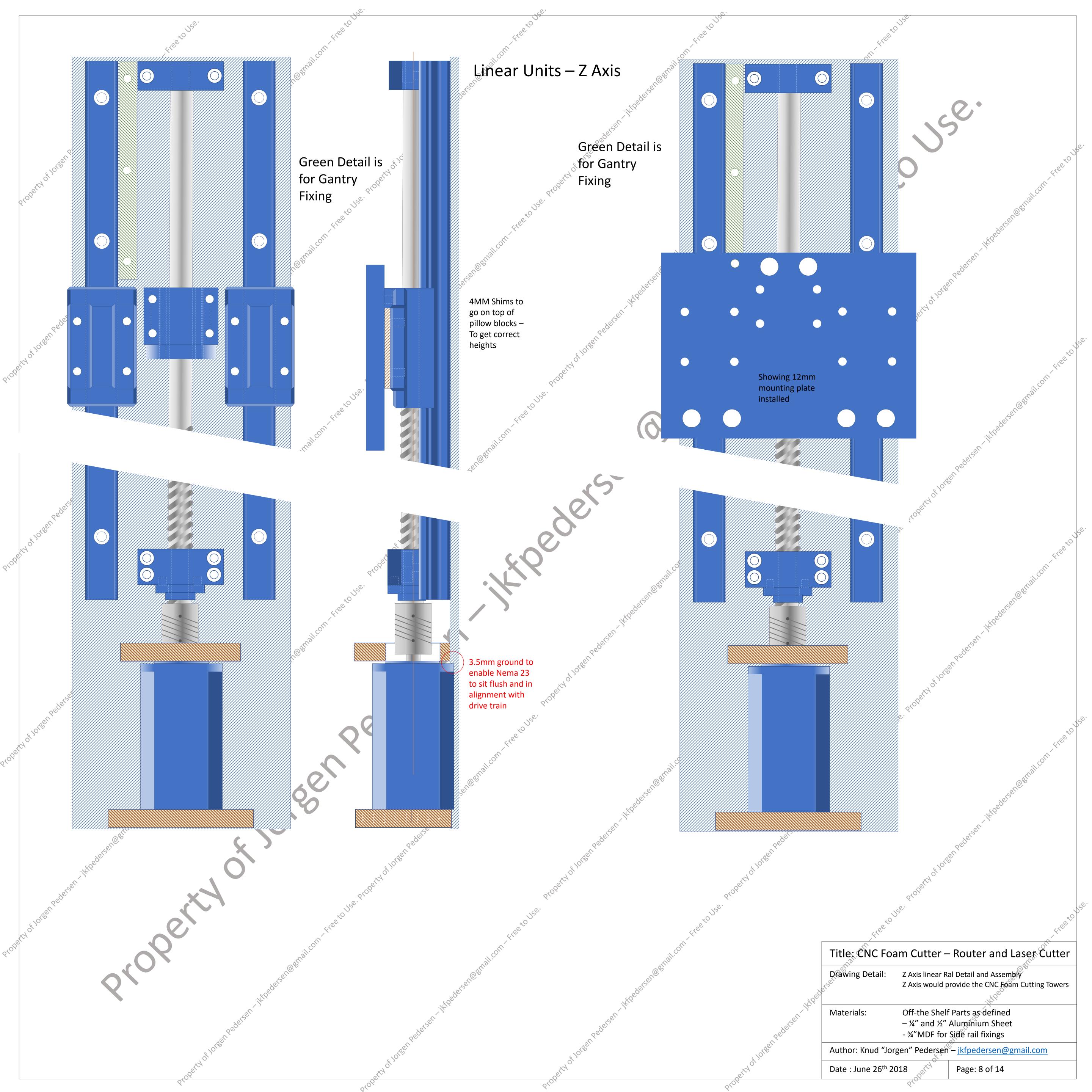


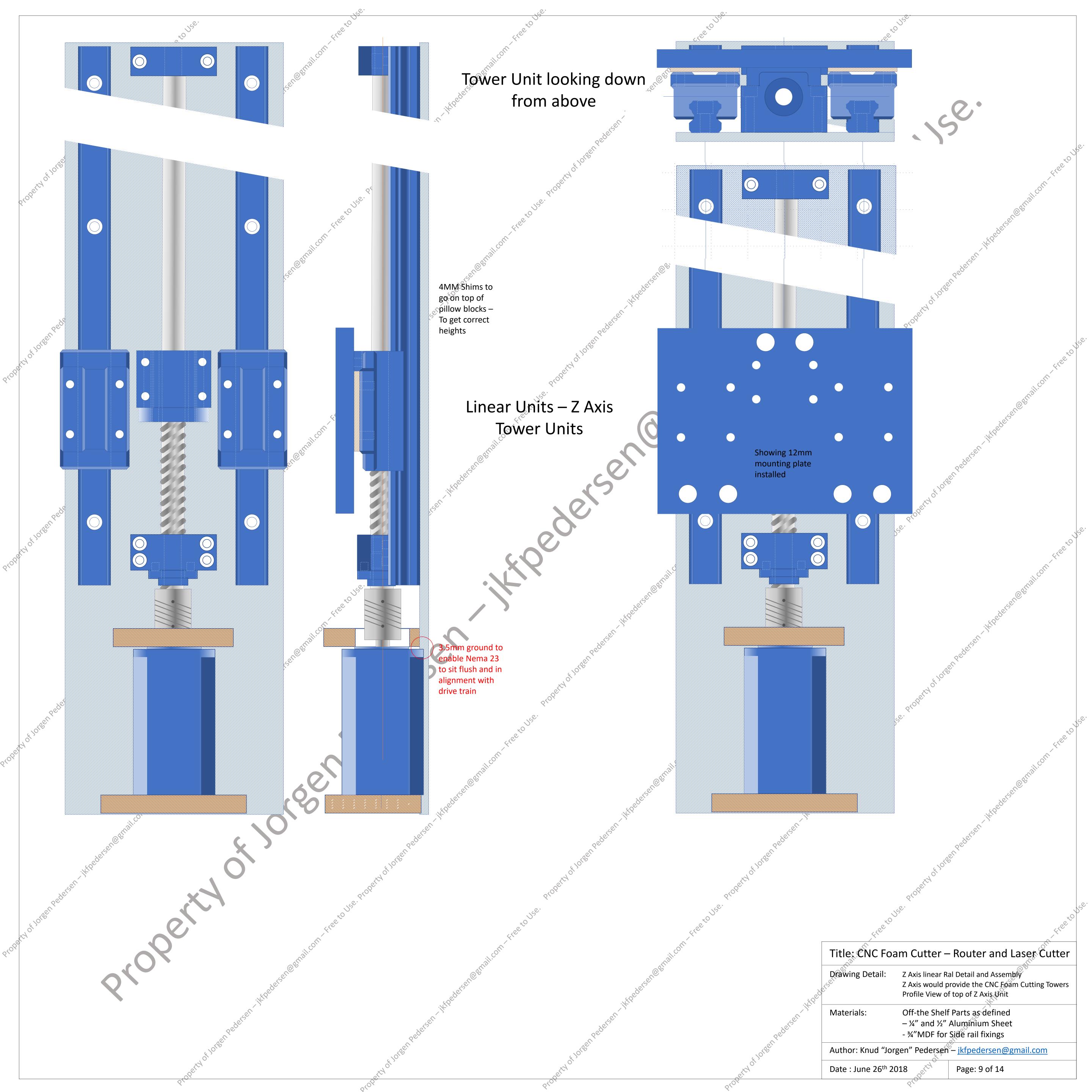
RM2005 – 20mm Lead Screw 5.00mm Pitch – 4 start \bigcirc SBR20 – Fully Supported Rails – 100mm fixings between centers about 0.002 Accuracy TRH25 – Fully Supported Rails – 100mm fixings between centers about 0.001 Accuracy RM1605 – 16mm Lead Screw 5.00mm Pitch – 4 start orth of Jorgen Redersen Title: CNC Foam Cutter – Router and Laser Cutter Drawing Detail: SBR Fully Supported Rails 20mm TRH Fully Supported Rails 25mm 20 and 16mm Lead screws @ 5.00mm Rev Off-the Shelf Parts as defined Materials: - ¼" and ½" Aluminium Sheet - ¾"MDF for Side rail fixings Author: Knud "Jorgen" Pedersen – <u>jkfpedersen@gmail.com</u> Date: June 26th 2018 Page: 4 of 14

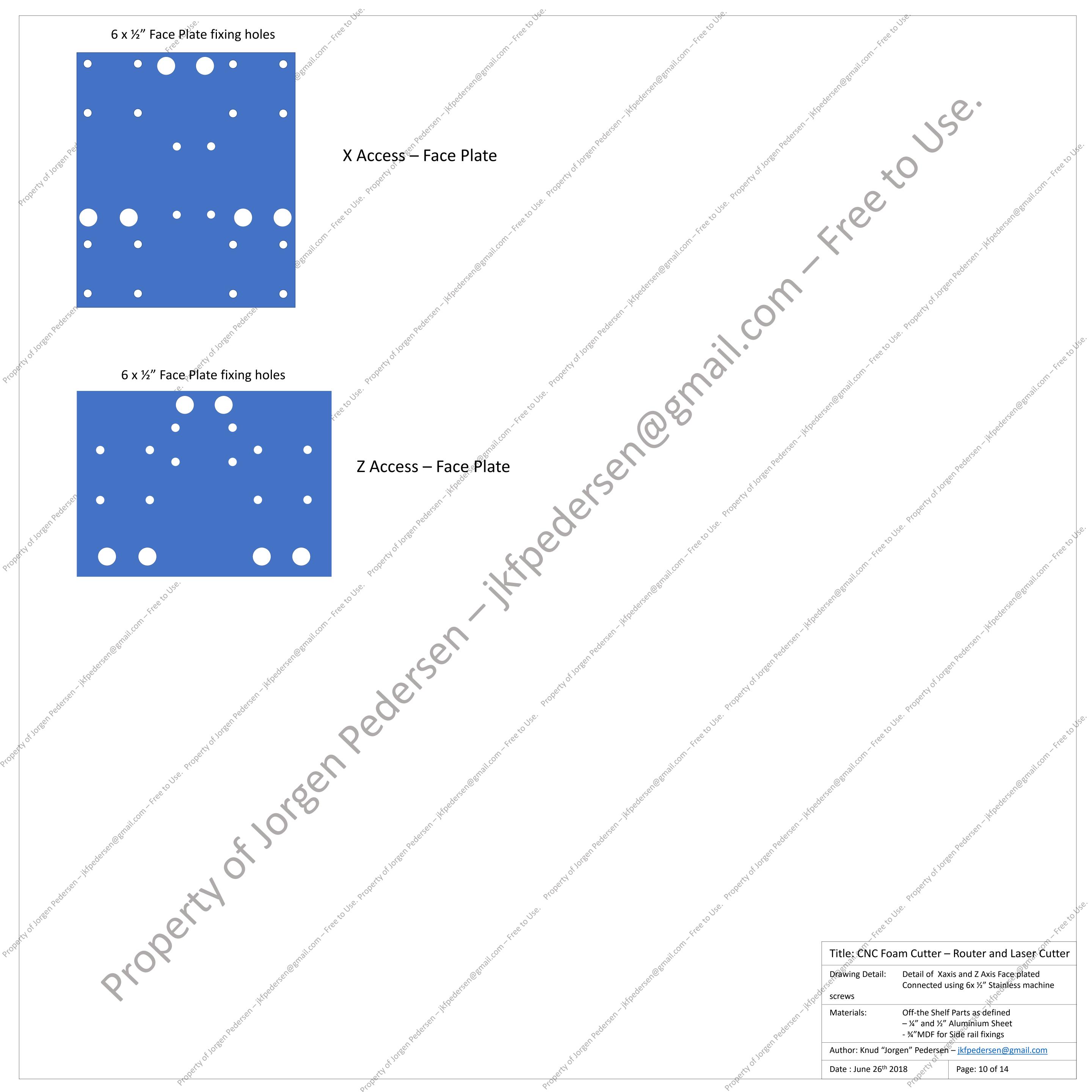
 \ominus \ominus \ominus \ominus Θ \ominus \ominus \ominus \ominus 4MM Shims to go on top of pillow blocks – To get correct heights 0.75mm ground to to sit flush and in alignment with drive train of Jorden Redersen Title: CNC Foam Cutter – Router and Laser Cutter Drawing Detail: X Axis Linear Rail Detail and Assembly Materials: Off-the Shelf Parts as defined - ¼" and ½" Aluminium Sheet - ¾"MDF for Side rail fixings Author: Knud "Jorgen" Pedersen – <u>jkfpedersen@gmail.com</u> Date: June 26th 2018 Page: 5 of 14











Tower Unit looking down from above

Linear Units – X Axis

X Axis and Z Axis joined at face plates using 6x ½" bolts

Title: CNC Foam Cutter – Router and Laser Cutter

Drawing Detail: Connection Detail joining X axis and Z

Axis faceplates

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