UBL EBF - Under Bed Lift & End of Bed Flap Mechanism

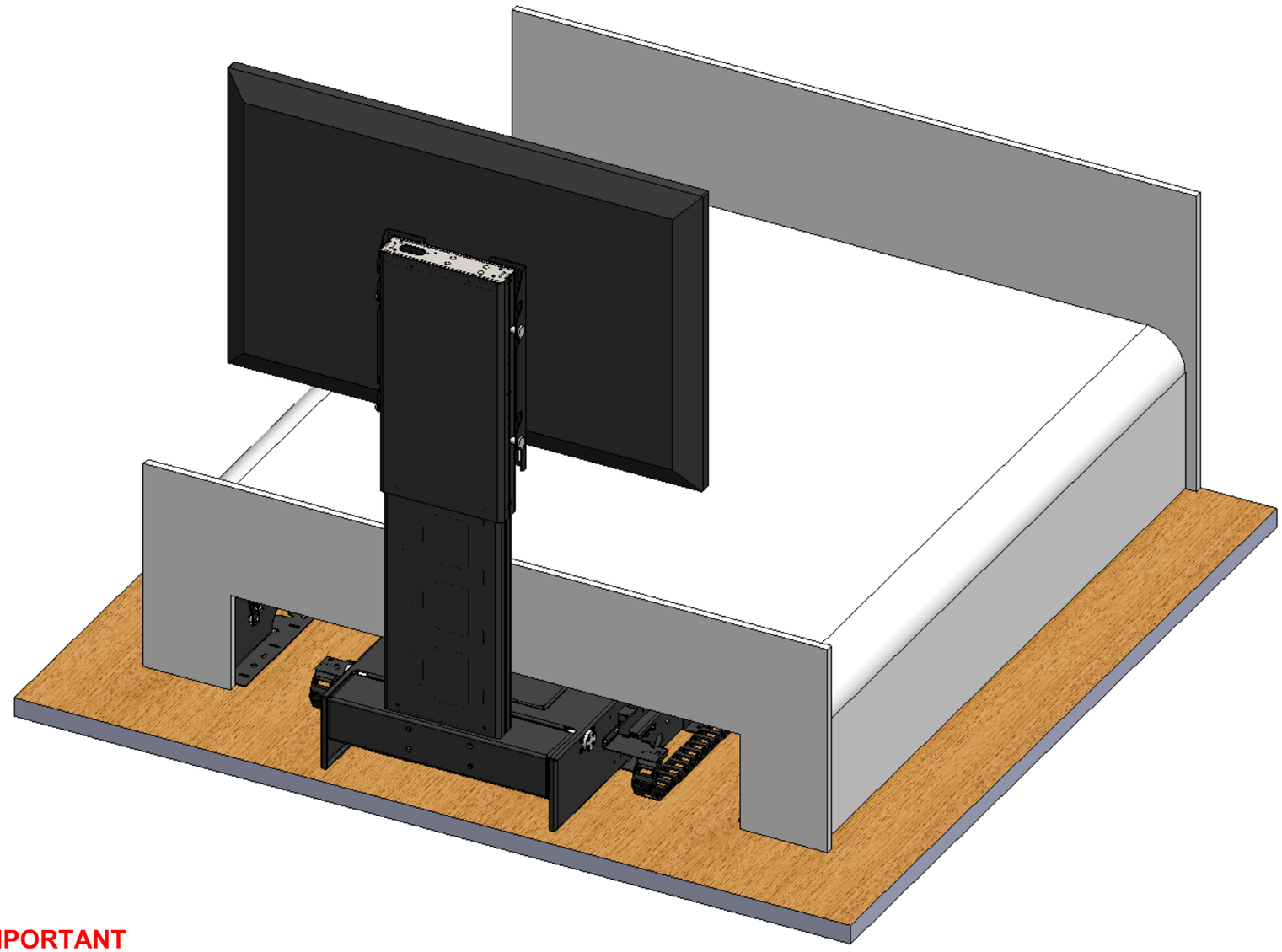
Technical Sheet

DESIGN HIGHLIGHTS

- Quiet smooth action with variable speed motion
- Full cable management
- Stylish look and finish
- Onboard electronics
- Wide range of mounting options
- Adjustable height of telescopic feature to achieve suitable viewing height
- Retract and roll flap mechanism gives neatest possible look

OPTIONS

- Marine suitable option
- Any RAL colour available
- Bang & Olufsen / Loewe mount option



FUNCTION

An electrically operated mechanism that conceals a screen under a bed.

Cables for the screen can be routed through the mechanism for a very neat look.

SUITABILITY

The UBL EBF mechanism is suitable for screens from 37" up to 55".

Maximum screen size as follows:
H 800mm [31.5"]
W 1250mm [49.25"]
D 70mm [2.75"]

Maximum screen weight is 40Kg [88lb].

SPECIFYING

Check enough space is available under the bed to accommodate the mechanism.

Check there is enough space at the end of the bed to allow for mechanism movements.

Check screen details for mounting possibilities.

Check angles for viewing.

CONTROL

Supplied with basic infrared remote. Can be learnt by many learning remotes.

Also has switch control and RS232 so can be operated by relays, switches, Crestron / AMX or Lutron systems.

WARNING

It is the responsibility of the installer to warn all potential end users of the dangers of interfering with mechanisms during operation

IMPORTANT

Mechanisms which lift or move weights need to be checked on a yearly basis for any damage which may result in an accident

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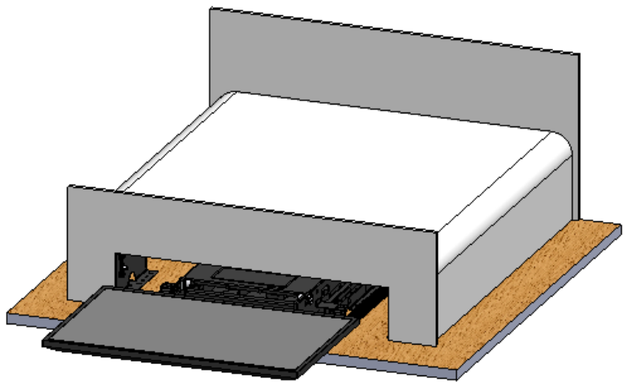
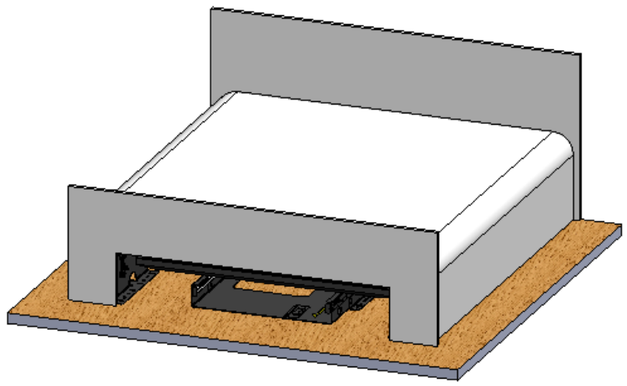
Design Highlights

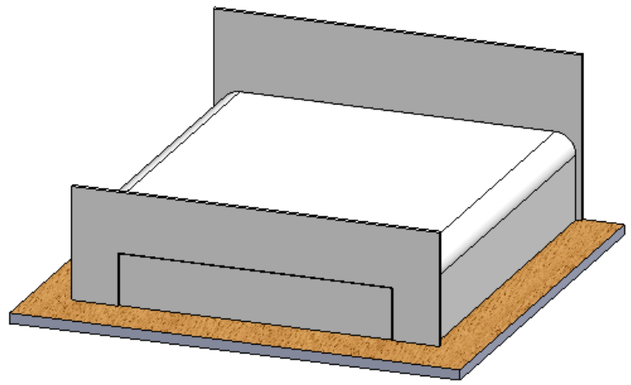
Sophisticated electronics allow for favourite viewing height to be programmed via the IR remote control.



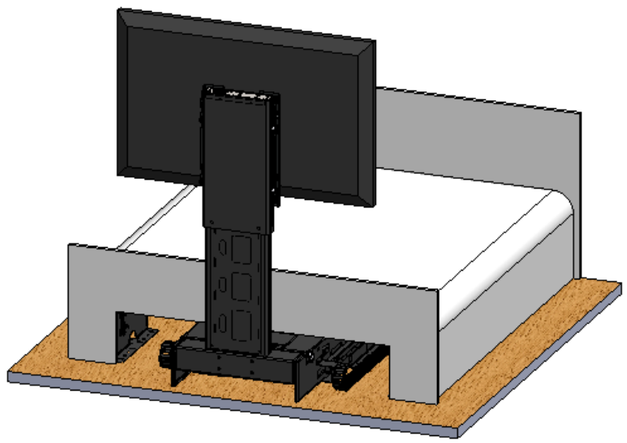
The electric flap retracts in under the bed. The Under Bed Lift (UBL) mechanism is then activated to reveal the screen.

This method of flap movement gives the neatest possible look as there is no flap panel left visible once the screen is in the viewing position.

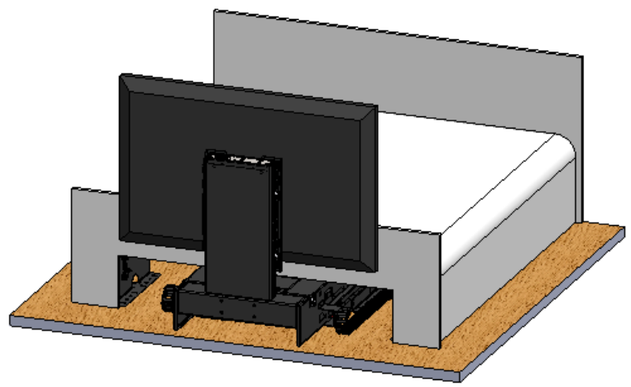




Mechanism allows bottom of screen to be elevated up to 950mm [37.5"] above the floor.



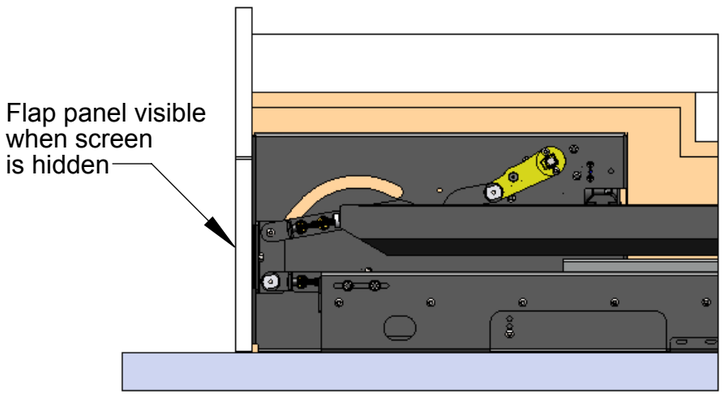
All the power and signal cables for screen and mechanism can be concealed within the mechanism.

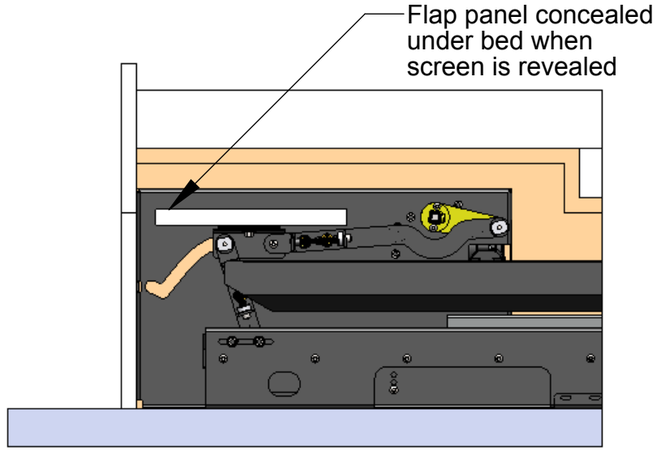


Super quiet and smooth action from under bed to maximum movement.

Standard mechanism screen mount suitable for VESA 400x400, 400x300, 300x300, and 200x200 mounting.

An advance control system allows the lift mechanism to be easily controlled via home automation systems such as Crestron and AMX. Two way communication is also possible via RS232.





Many mounting options available for Loewe and Bang & Olufsen screens.

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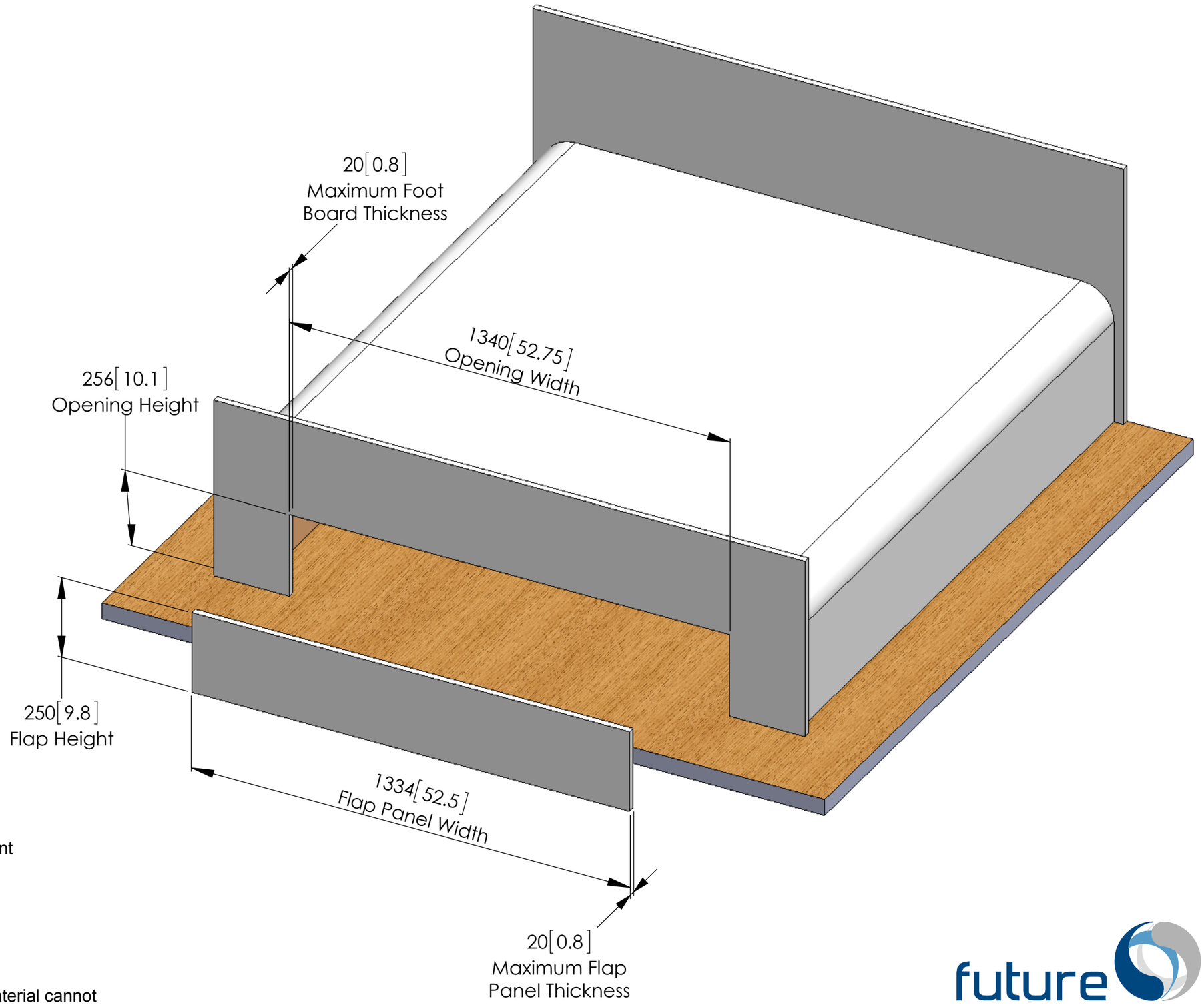
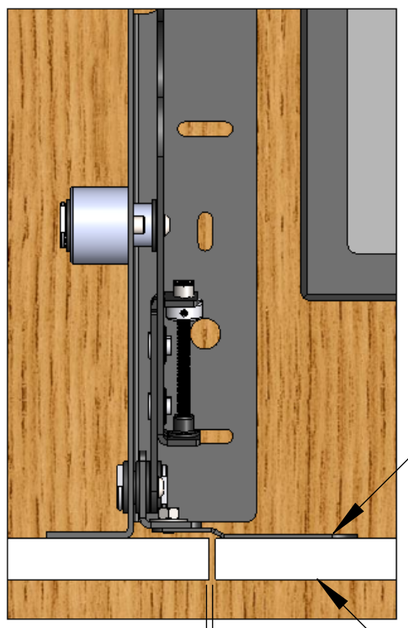
Flap Details

End of Bed Flap panel should be made from wood.

Flap panel needs to be screwed to flap attachments brackets at each side.

Maximum flap panel weight 6Kg [13lb].



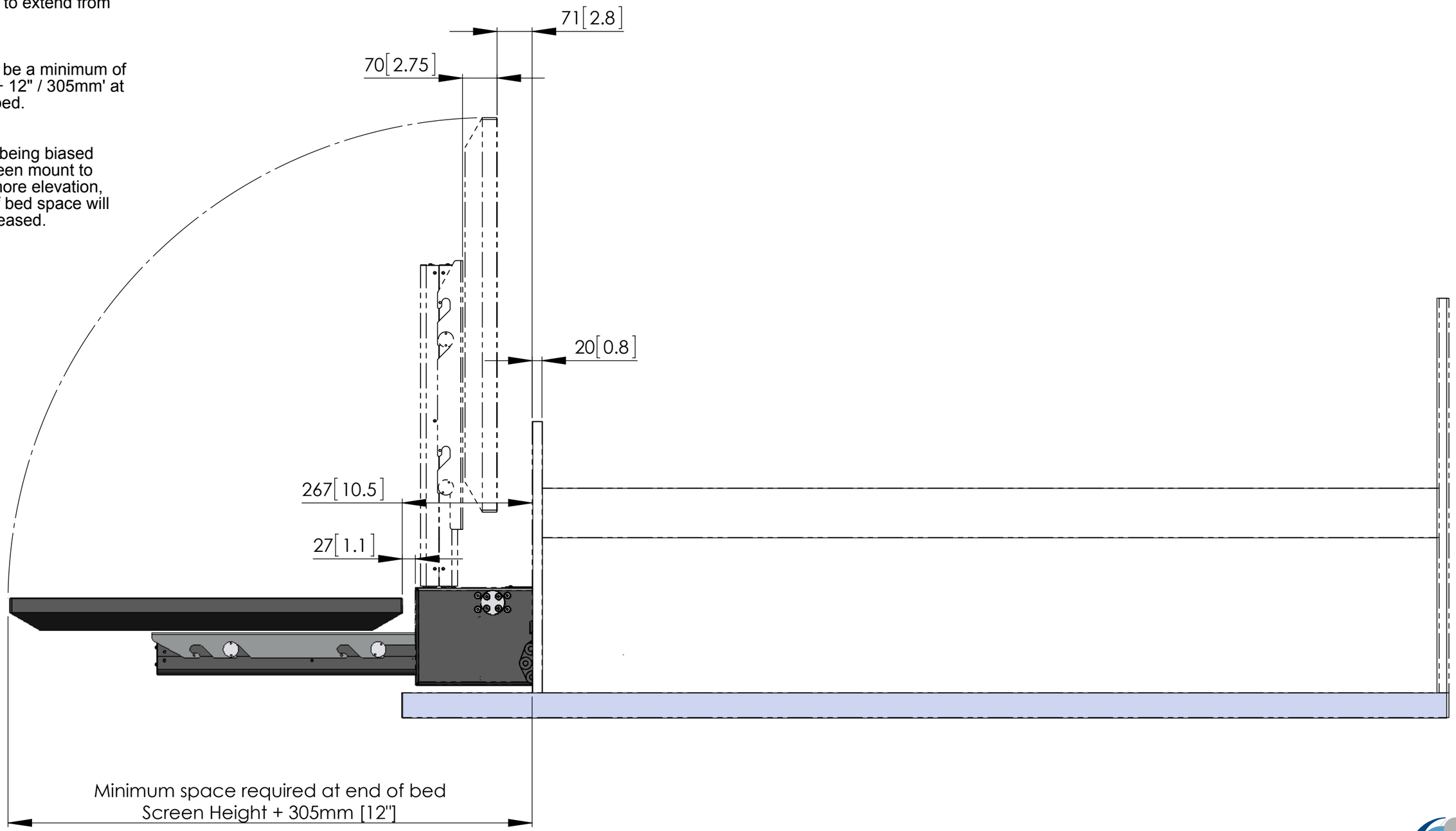


End of Bed Space Details

At the end of the bed there needs to be enough space for the mechanism to extend from under the bed.

There needs to be a minimum of 'screen height + 12" / 305mm' at the end of the bed.

If the screen is being biased high on the screen mount to achieve even more elevation, then this end of bed space will need to be increased.



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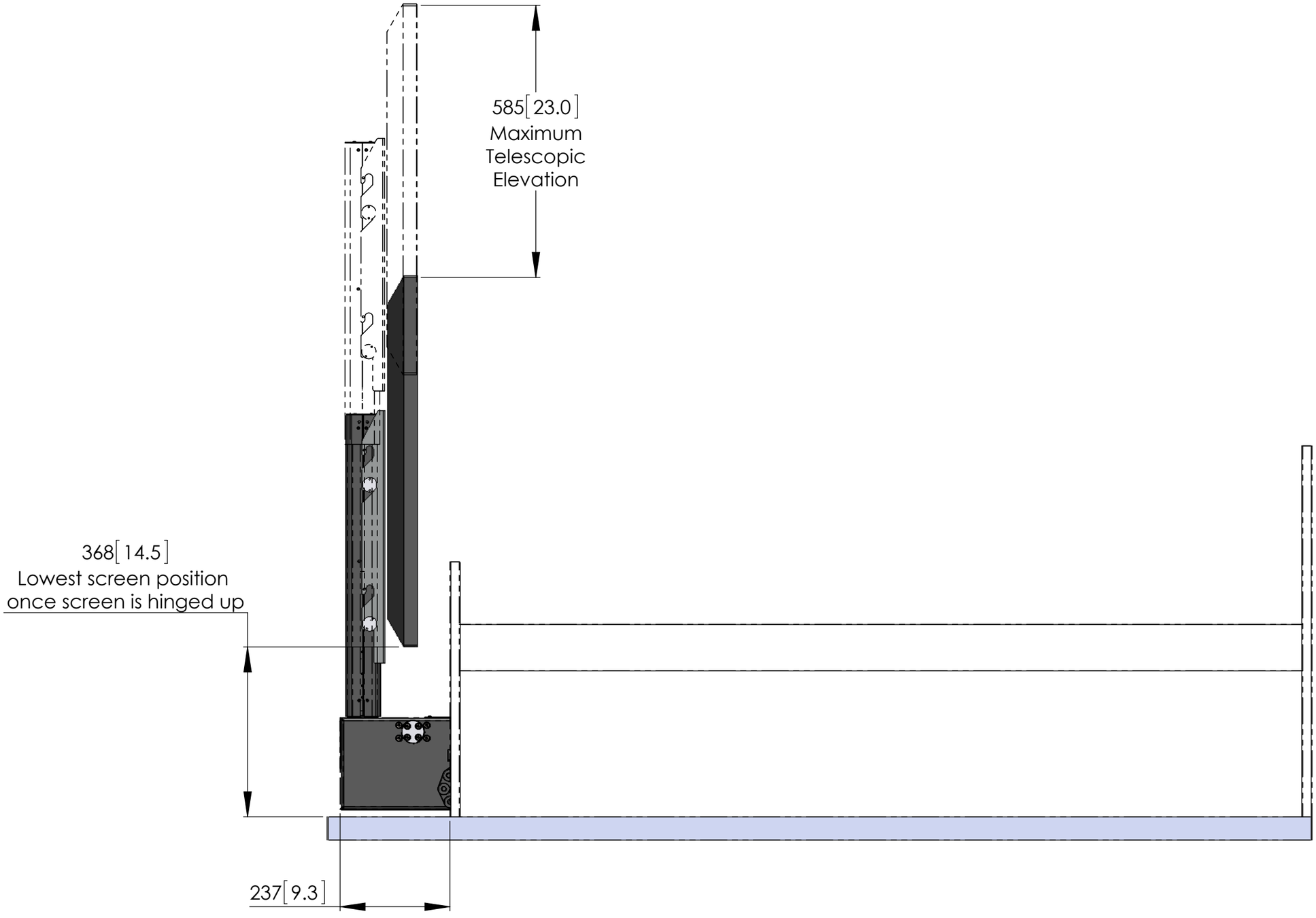
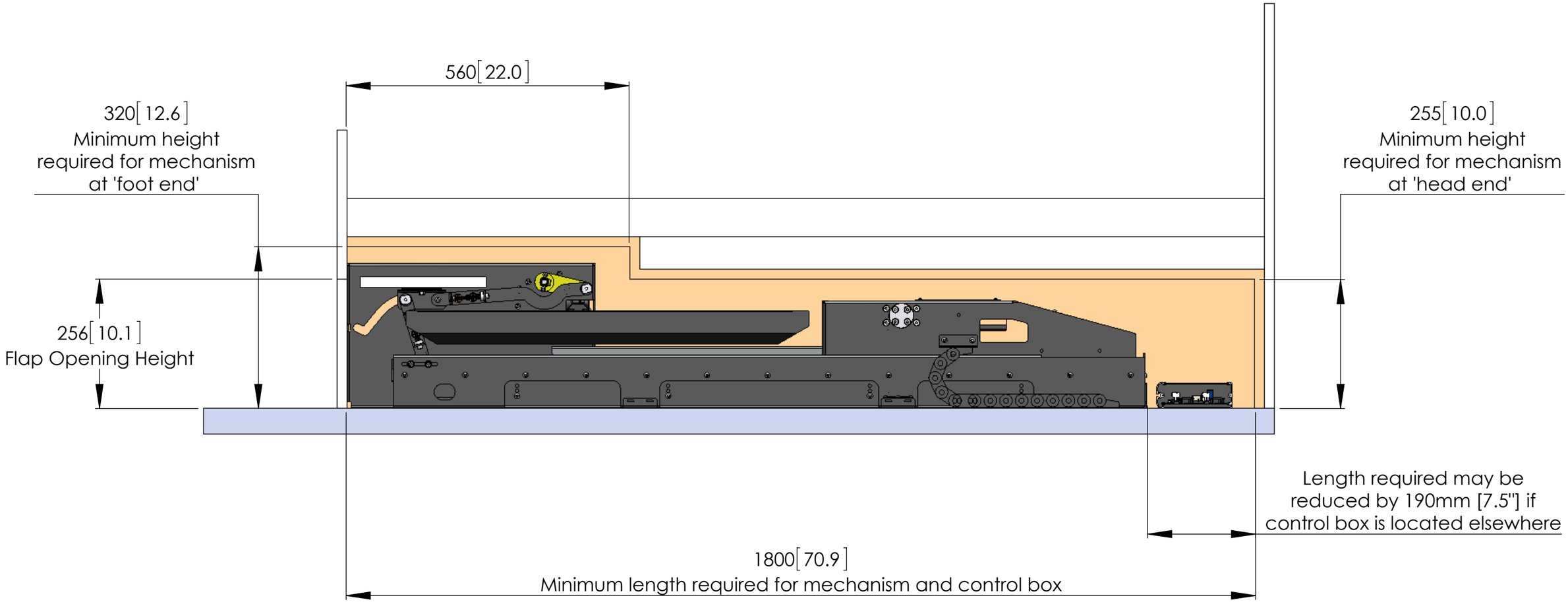
Telescopic Elevation Details



Under Bed Space Details



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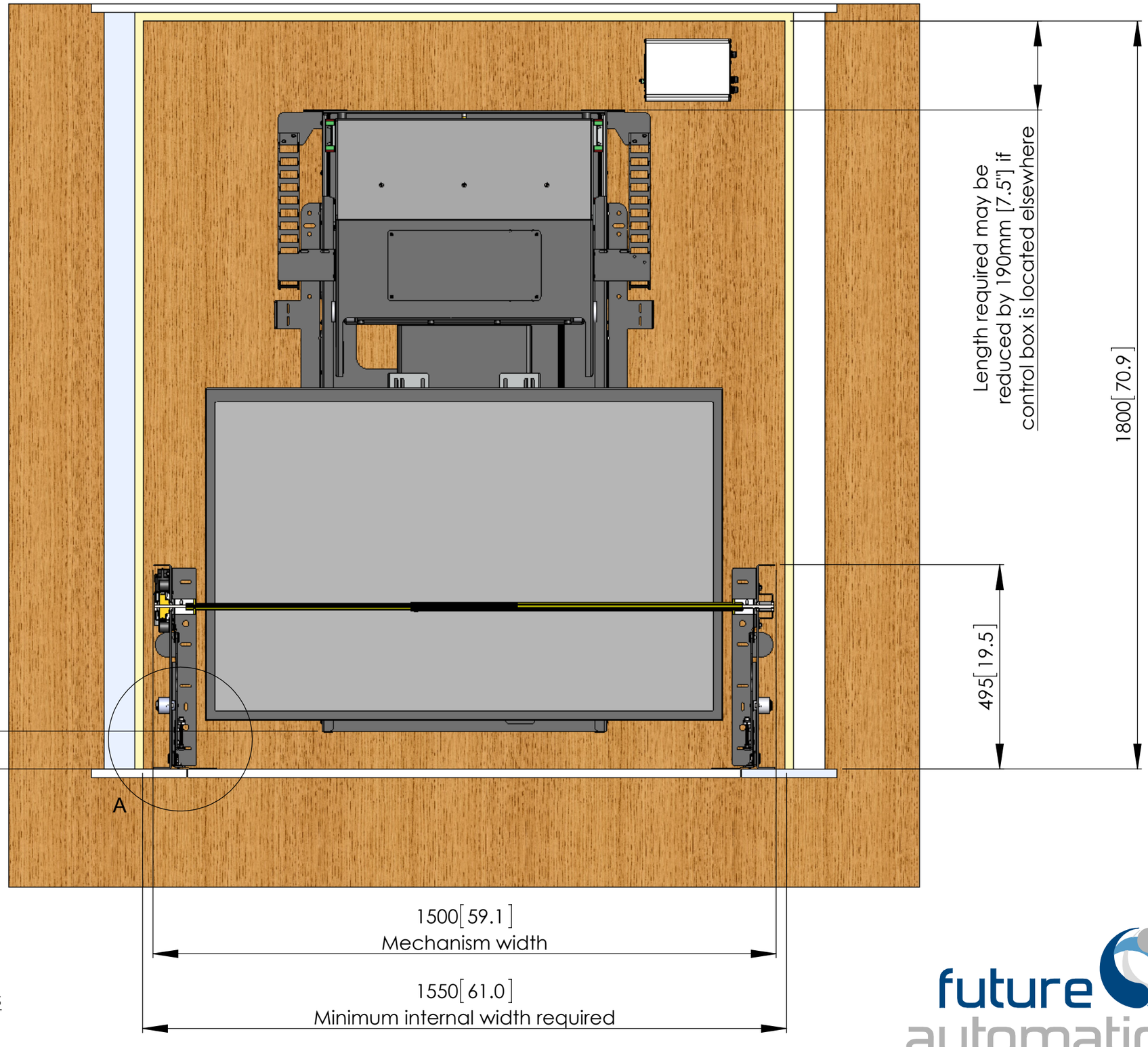
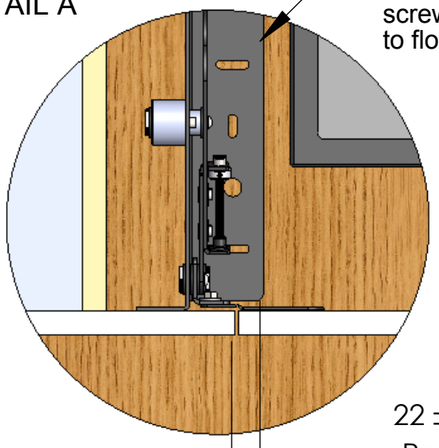
Under Bed Space Details



DETAIL A



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Fixing Location Details

Areas outlined in red show areas where fixings need to be made to the floor below.

These areas should ideally be wooden surfaces so that the mechanism components can be screwed down in place.

These areas also need access from above in order to get the fixings in place.