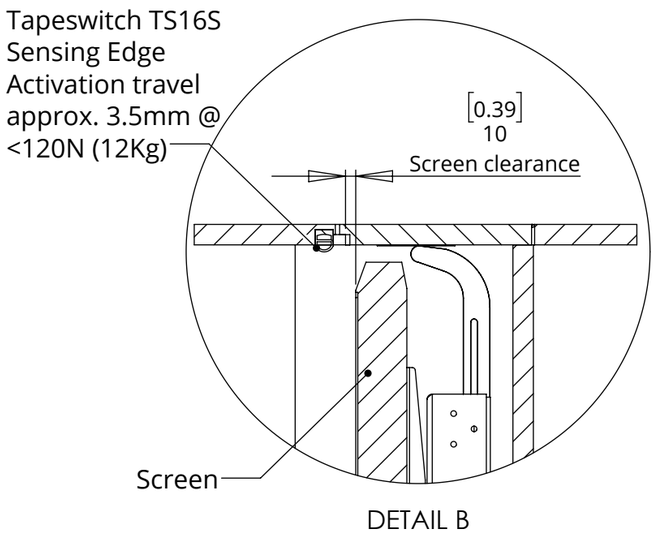
AL675-PF
ACTUATOR LIFT WITH PUSH FLAP

INTEGRATION CONSIDERATIONS

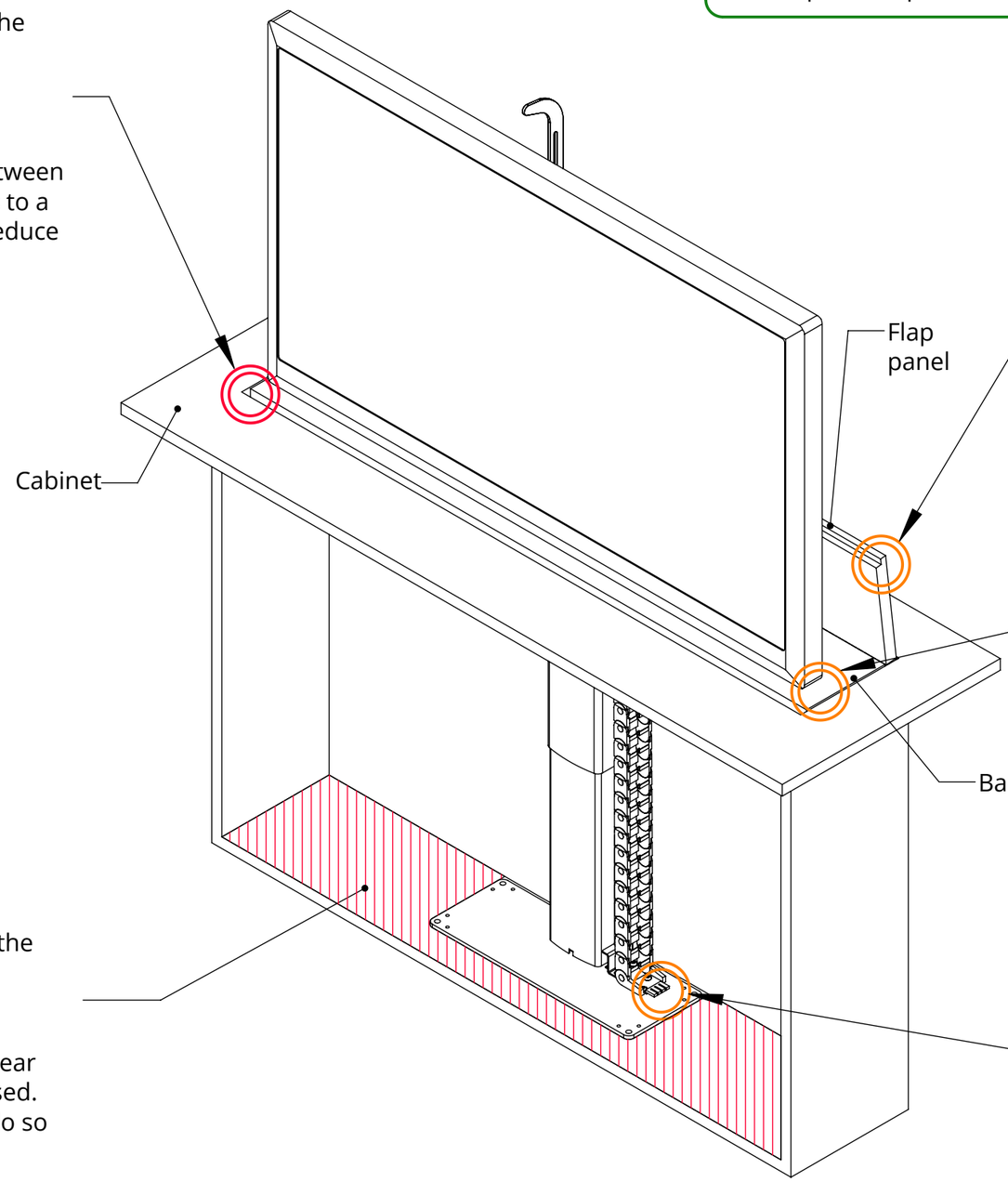
General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

High Risk - Crush Hazard
Crush hazard between the base panel and the cabinet top as the lift opens.

Mitigation
A pressure switch can be added to stop the mechanism before injury. Keep the gaps between the cabinet aperture and the moving panels to a minimum (no smaller than 3mm [1/8"]) to reduce the risk of obstruction (see detail B).



DETAIL B



Low Risk - Falling Objects Hazard
Falling objects hazard if items are left on top of the flap panel during deployment.

Mitigation
See general mitigations.

Low Risk - Impact Hazard
Impact hazard if the flap panel closes in an uncontrolled manner.

Mitigation
Install a soft close damper to ensure the flap panel closes in a controlled manner.

High Risk - Crush Hazard
Crush hazard between the mechanism and the base panel as the lift closes.

Mitigation
Ensure area below the mechanism is kept clear at all times when the mechanism is being used. If installing or maintaining the mechanism do so with the mechanism turned off.

Low Risk - Cable Snagging Hazard
Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.

Mitigation
Ensure all cables are fully restrained within suitable cable trunking.

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CONSIDERATIONS SHEET
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SHEET 1