I-LSH-S
INVERTED LIFT SYSTEM HEAVY WITH SWIVEL

INTEGRATION CONSIDERATIONS

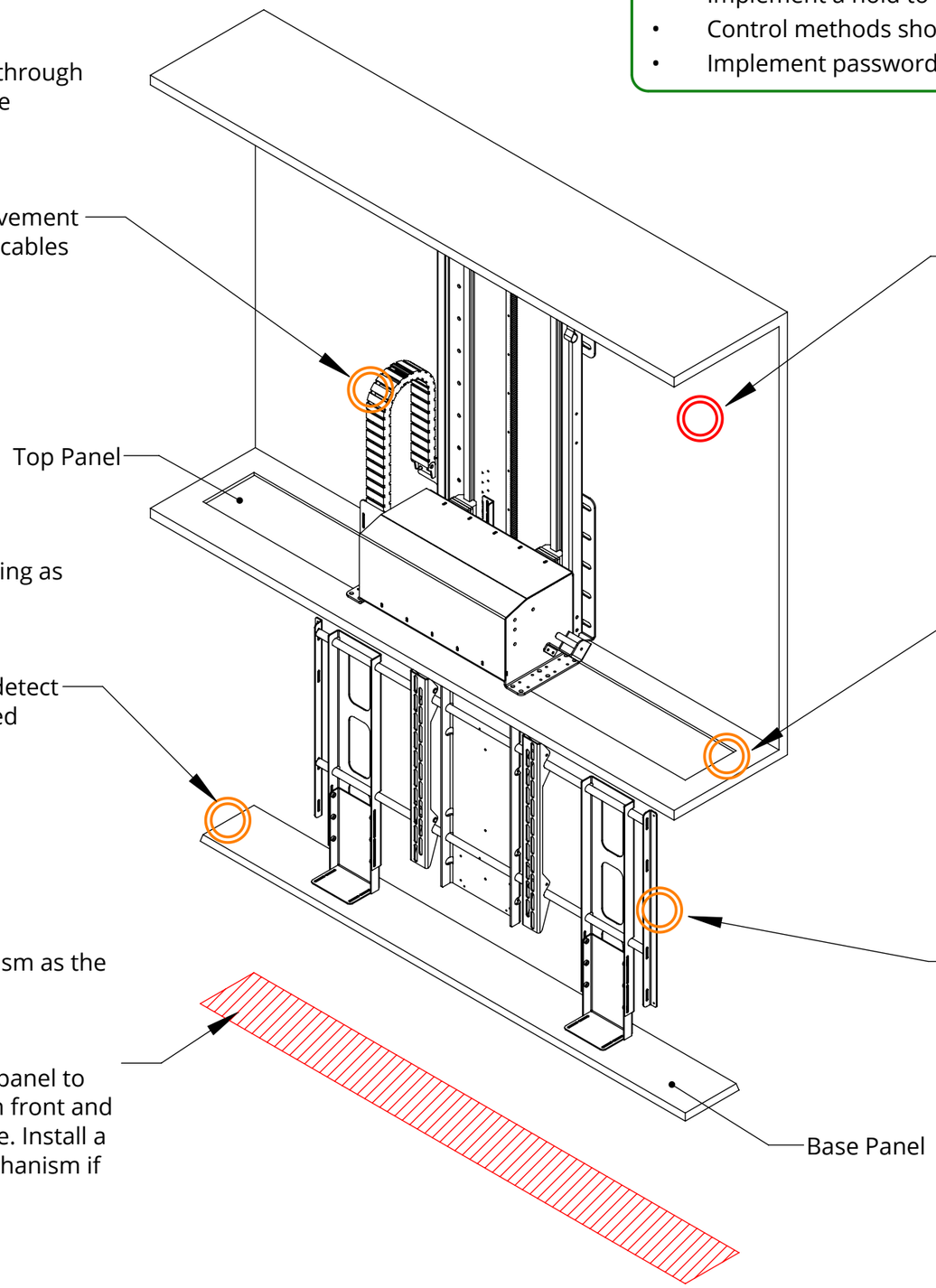
General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

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

Mitigation
Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/ or damage to the cables and/ or mechanism.

High Risk - Crushing
Crush hazard above the mechanism when mechanism is operating closing.

Mitigation
Ensure area above 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 - Crushing
Crush hazard between the base panel and the ceiling as the lift closes.

Mitigation
Install a pressure switch above the base panel to detect any obstructions. A pressure switch can be installed between two timber panels to allow the vertical movement required for switching.

Low Risk - Crushing
Crush hazard at the cabinet aperture when mechanism is opening.

Mitigation
The implementation of a box enclosure with tight shadow gaps can help alleviate this risk. Install a pressure switch around the aperture to detect any obstructions.

High Risk - Crushing
Crush hazard if objects are left under the mechanism as the lift opens.

Mitigation
Ensure there is sufficient space beneath the base panel to reduce the risk of crushing. Install a light curtain in front and behind the mechanism to create an exclusion zone. Install a pressure pad on any solid surfaces below the mechanism if sufficient space cannot be allocated.

Low Risk - Impact
Impact hazard around mechanism when swivelling.

Mitigation
Set swivel limits to prevent impact with surrounding objects/ structures. Ensure sufficient space is left between the screen and any obstructions.

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CONSIDERATIONS SHEET
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