Typical Rider Lift Installation

The 2015 International Building Code cites ANSI MH29.1:2012 as the reference code for industrial scissors lifts. Guarding and control requirements are clearly spelled out in the code and copies may be purchased from the Material Handling Institute online@mhi.org under the heading of publications.

TYPICAL INDUSTRIAL MEZZANINE ACCESS LIFT INSTALLATION REQUIREMENTS ARE AS FOLLOWS:

1. Lift control is a constant pressure push button with a 20 foot coil cord mounted on the platform which allows the rider/operator to be in constant control of vertical movement. Automatic (send/call) systems are not allowed with riders.

2. The 42" high guard rail gate on the mezzanine and all enclosure doors are interlocked so that they can not be opened unless the lift is present and any open door or gate prevents lift movement.

3. The 42” high guard rails with mid rails and 4” toe boards mounted on the platform are equipped with vertical folding gates for access and the gates are electrically interlocked so they must be closed to allow lift movement.

4. The face of the mezzanine adjacent to the lift must be covered with a smooth surface from ground to top of guard rail to eliminate shear points. Windows and or interlocked doors are optional.

5. The pit is enclosed on all sides not against a wall or smooth facia, with a mesh enclosure that extends upward to the top of the guard rail on the fully raised lift. Lower level access gates on the enclosure shall be interlocked so that they cannot be opened unless the lift is present and open gate will prevent lift movement.

Preproduction layout drawings will be available after receipt of order for preapproval by local authorities and we are pleased to assist in the code review process.

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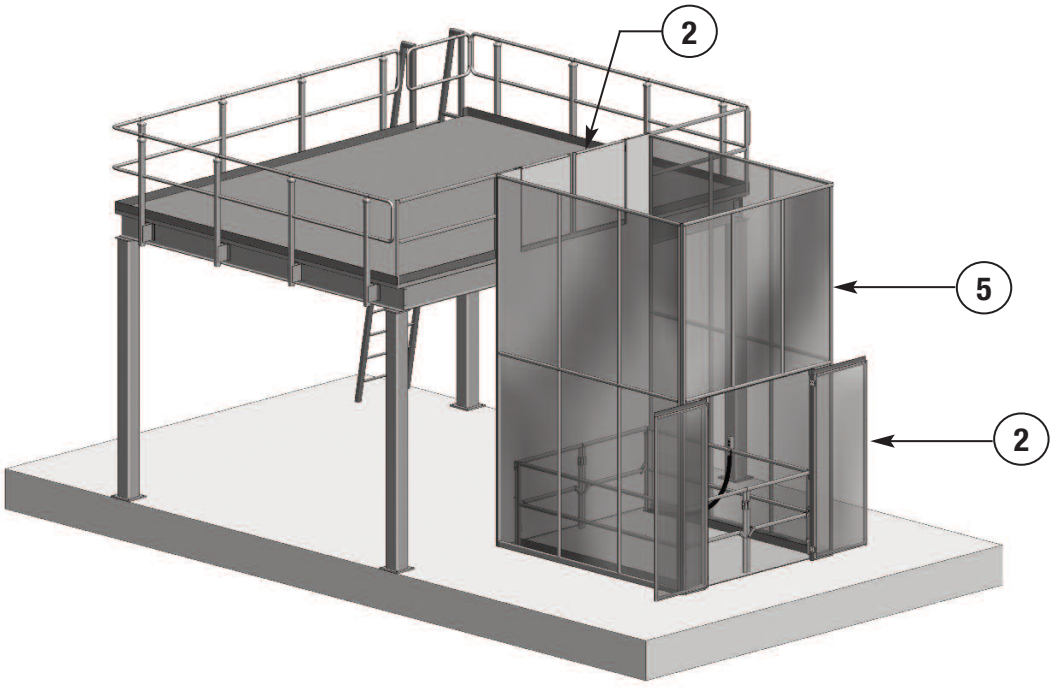
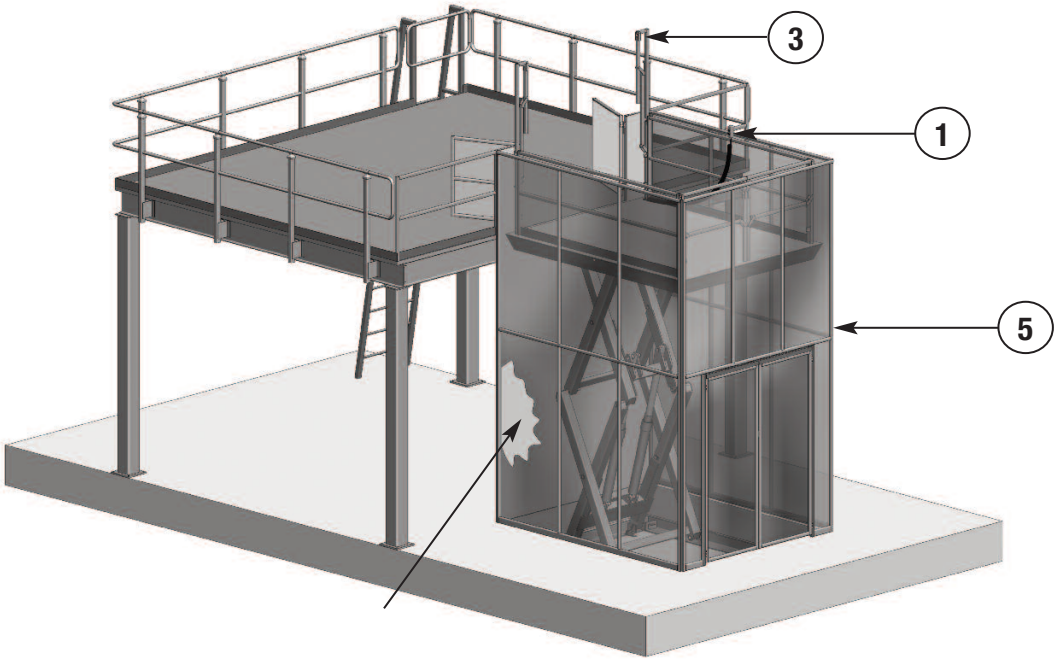
Drawing of Lowered Mezzanine Lift



Drawing of Raised Mezzanine Lift



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