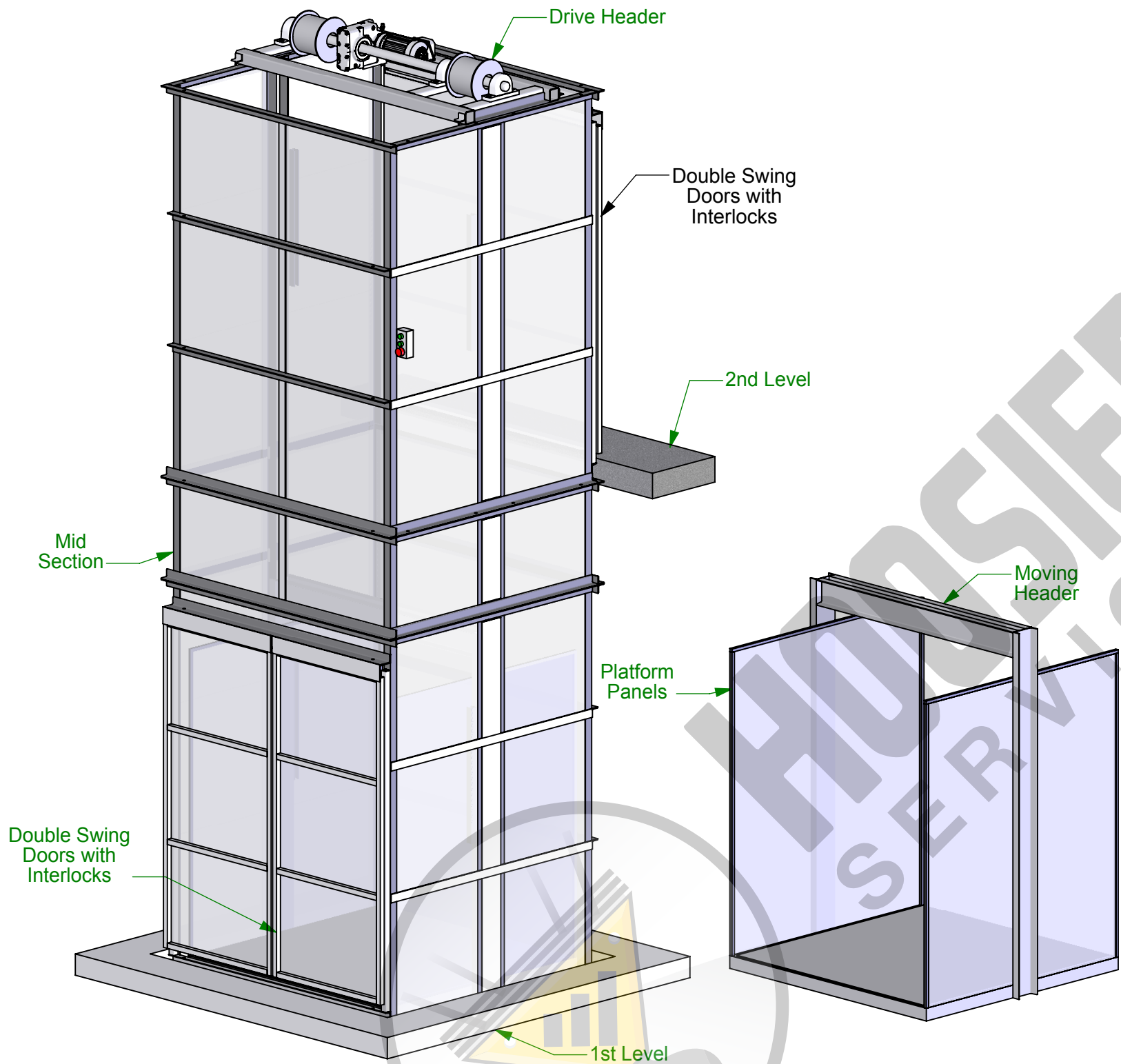


D

C

B

A



LIFT SPECIFICATIONS

MODEL:
LOAD CAPACITY:
TRAVEL SPEED:
POWER REQ'D:
LANDING (STOPS): 2
PLATFORM SIZE: 48"W X 48"D X 72"H (Clear)
51"W X 49-1/2"D (O.A.)
LARGEST MODULE
SHIP SIZE: 72W X 58" X 106"H

- > ACCURACY OF FLOOR-TO-FLOOR DIMENSIONS MUST BE WITHIN -0"+1/2" TO ENSURE PERFORMANCE AND FUNCTION OF LIFT.
- > MINIMUM PASS THROUGH WIDTH IS FOR UNIT ONLY. IF UNIT IS PRE-WIRED AND MUST PASS THROUGH FLOOR OPENING TO BE INSTALLED, THEN PASS THROUGH FLOOR OPENING TO BE MADE LARGER TO ALLOW CONTROL PANEL TO FIT AND CLOSED UP AFTER INSTALLED. PLEASE CONSULT FACTORY IF ANY QUESTIONS OR CONCERNS.
- > PLATFORM PANELS - SIDE PANELS WITH A SAFETY CHAIN ON ACCESS SIDE(S). PANELS ARE WELDED TO PLATFORM AND ARE NOT REMOVABLE. (REFER TO PAGE 2 FOR PANEL HEIGHT).
- > LEVEL 1: DOUBLE SWING DOOR ON FRONT WITH ENCL. PANEL ON REMAINING SIDES. LEVEL 2: DOUBLE SWING DOOR ON REAR WITH ENCL. PANEL ON REMAINING SIDES. FULLY ENCLOSED BETWEEN LEVELS ON ALL SIDES TO RESTRICT A BALL 2" IN DIAMETER.
- > ELECTRO-MECHANICAL INTERLOCKS SUPPLIED FOR EACH SET OF DOORS.
- > STANDARD CLEARANCE UNDER ALL DOORS IS 2" WITH AN ADJUSTABLE DOOR SWEEP.
- > "Z" CONFIGURATION - PLATFORM ACCESS ON FRONT AT LEVEL 1 AND ON REAR AT LEVEL 2.
- > CONTROL PANEL LOCATION: SEE PAGE FOUR
- > FINISHES: GRADE 1 POWDER COAT OR EQUIVALENT UNLESS OTHERWISE NOTED BELOW.
- > STANDARD FACTORY PRE-WIRED IN S.O. CORD.
- > U.L. LABELED CONTROL PANEL.

NOTE: DUE TO ADDITIONAL ENGINEERING COSTS, REVISIONS REQUIRED BEYOND THE FIRST REVISION (REV A) WILL INCUR ENGINEERING FEES OF \$150/HOUR (MIN. 2 HOURS). DRAWINGS MAY BE RESUBMITTED FOR APPROVAL BASED ON CHANGES.

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
LINEAR TOLERANCES: ± 1/16

CUSTOM INDUSTRIAL PRODUCTS

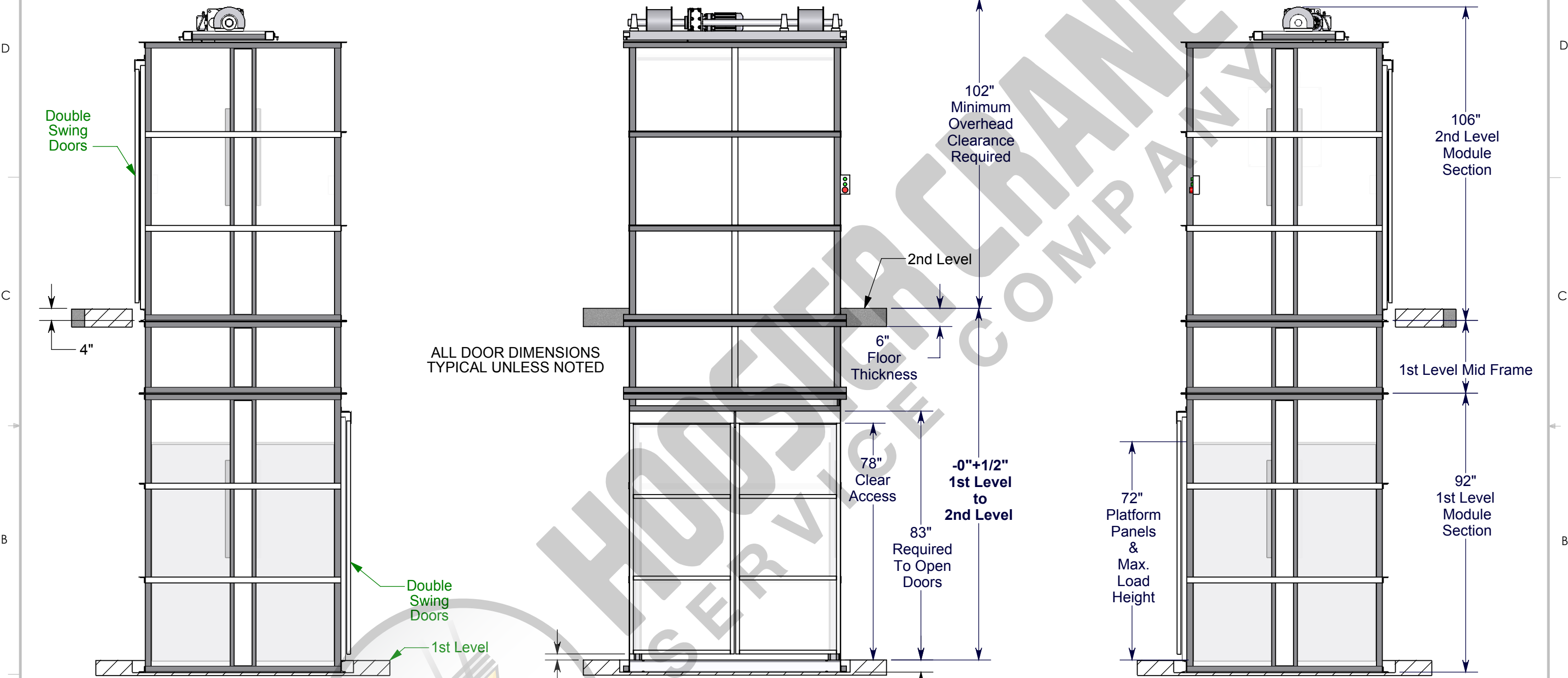
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LEFT SIDE VIEW

FRONT VIEW

RIGHT SIDE VIEW



ALL DOOR DIMENSIONS
TYPICAL UNLESS NOTED

2"
Adjustable
Door Sweeps

4"
Pit

**NOTE: DRAWINGS ARE NOT TO SCALE.
ANCHORAGE AND CROSS BRACING
NOT SHOWN FOR CLARITY.**

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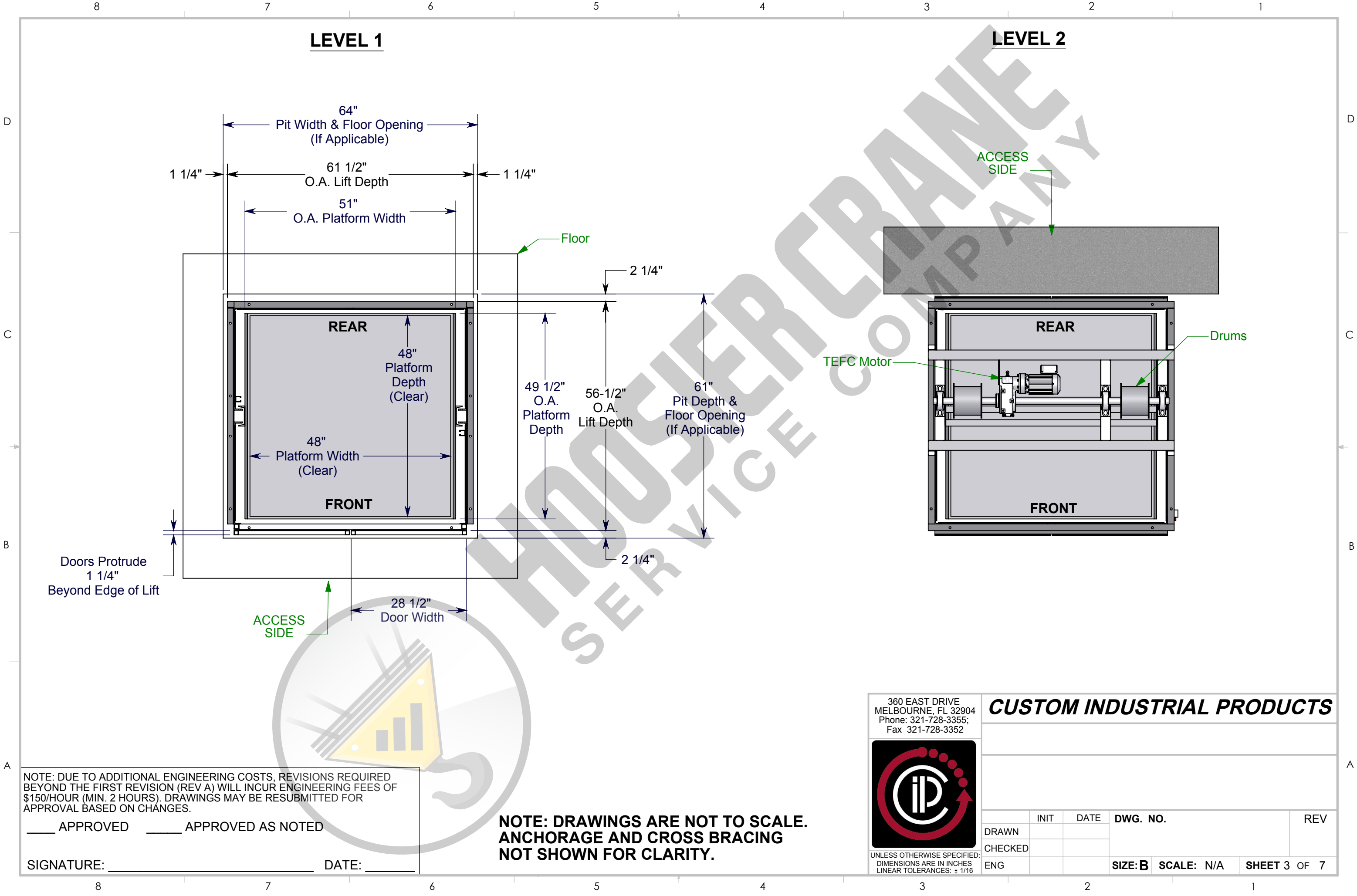
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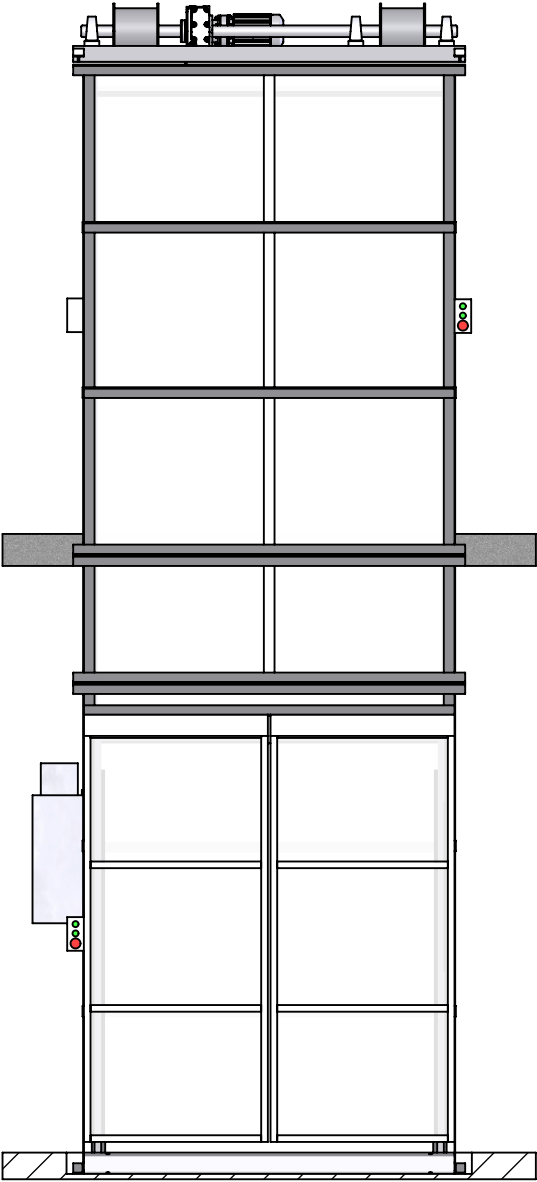
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CUSTOM INDUSTRIAL PRODUCTS

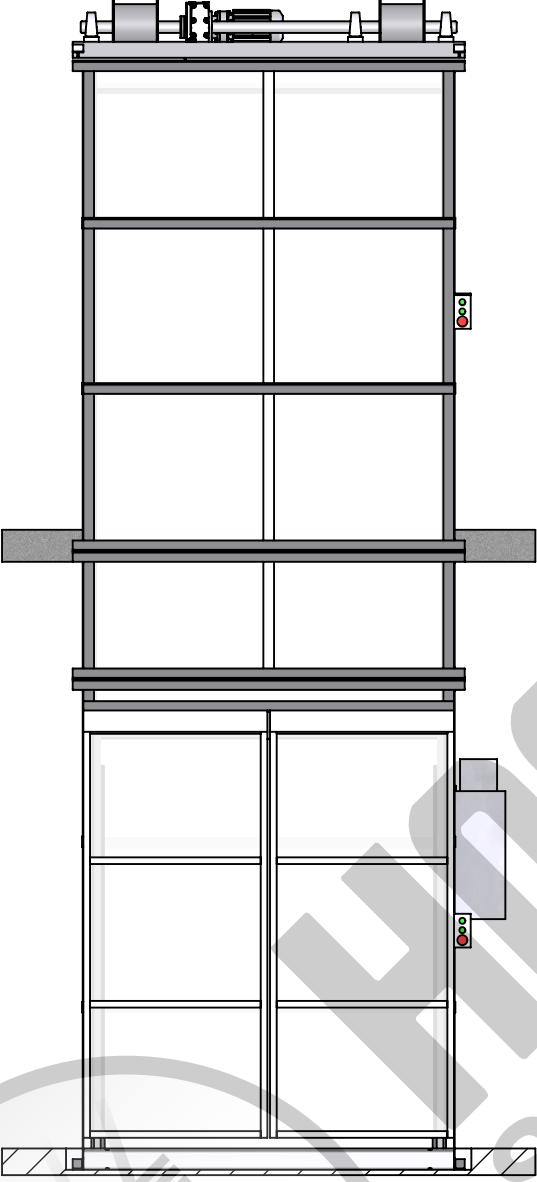
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Control Panel & Push Button Locations

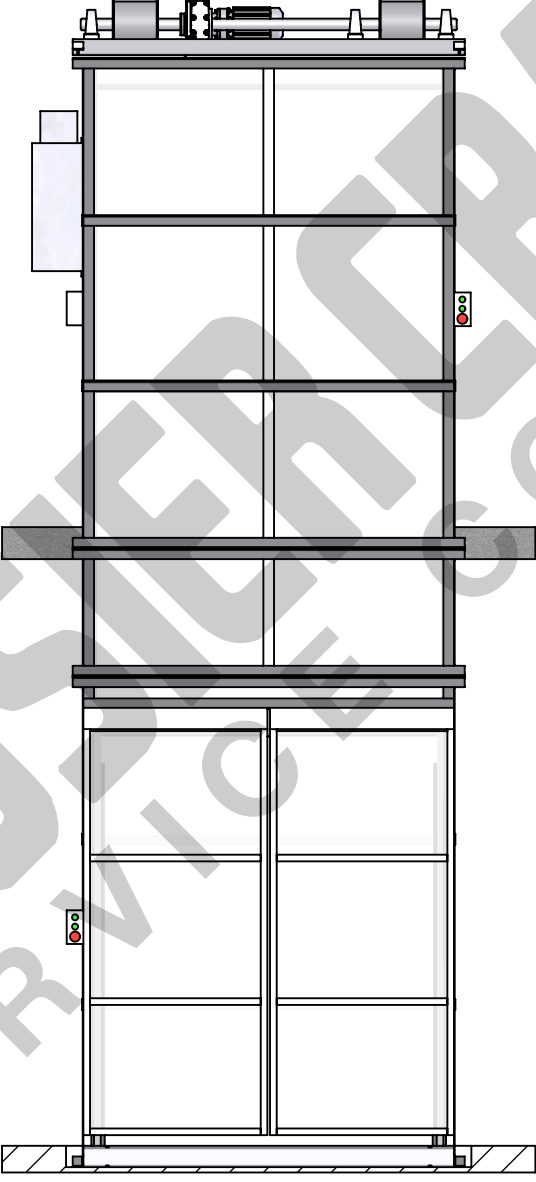
A
CP : Lower Left
PBS : Left Side



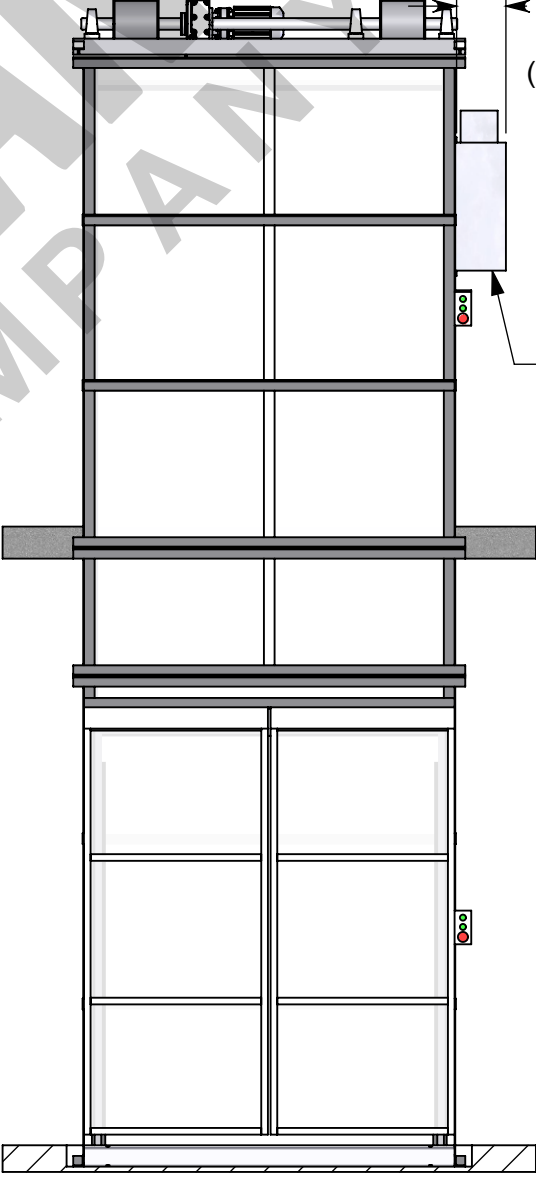
B
CP : Lower Right
PBS : Right Side



C
CP : Upper Left
PBS : Left Side



D
CP : Upper Right
PBS : Right Side



Control Box
Protrudes
Up To 10" From
Side of Frame
(Typ. All Configurations)

36" Minimum Clearance
From Lift Frame Required
For Control Box Access

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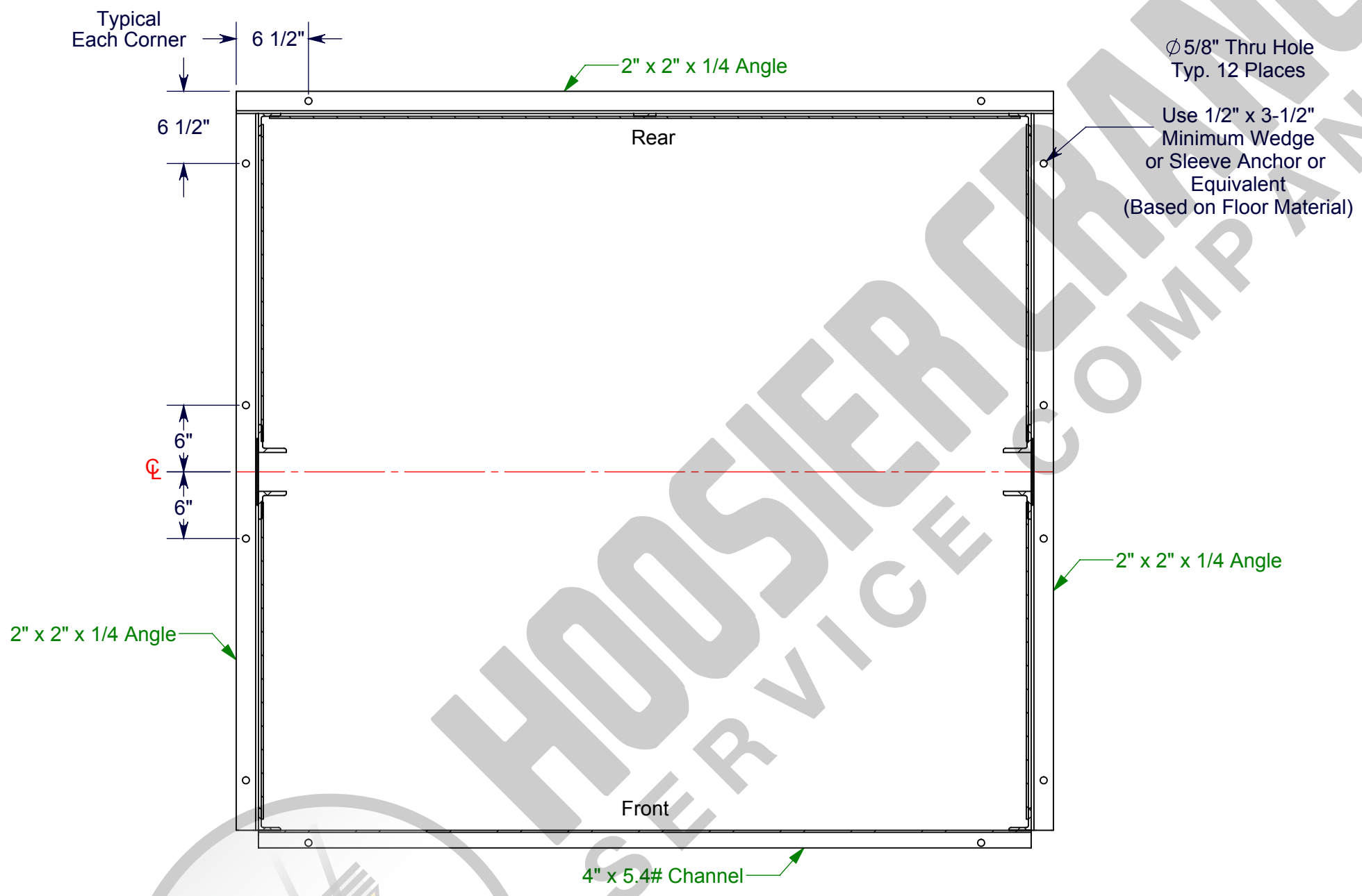


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LOWER LEVEL ANCHORAGE



NOTE: DUE TO ADDITIONAL ENGINEERING COSTS, REVISIONS REQUIRED BEYOND THE FIRST REVISION (REV A) WILL INCUR ENGINEERING FEES OF \$150/HOUR (MIN. 2 HOURS). DRAWINGS MAY BE RESUBMITTED FOR APPROVAL BASED ON CHANGES.

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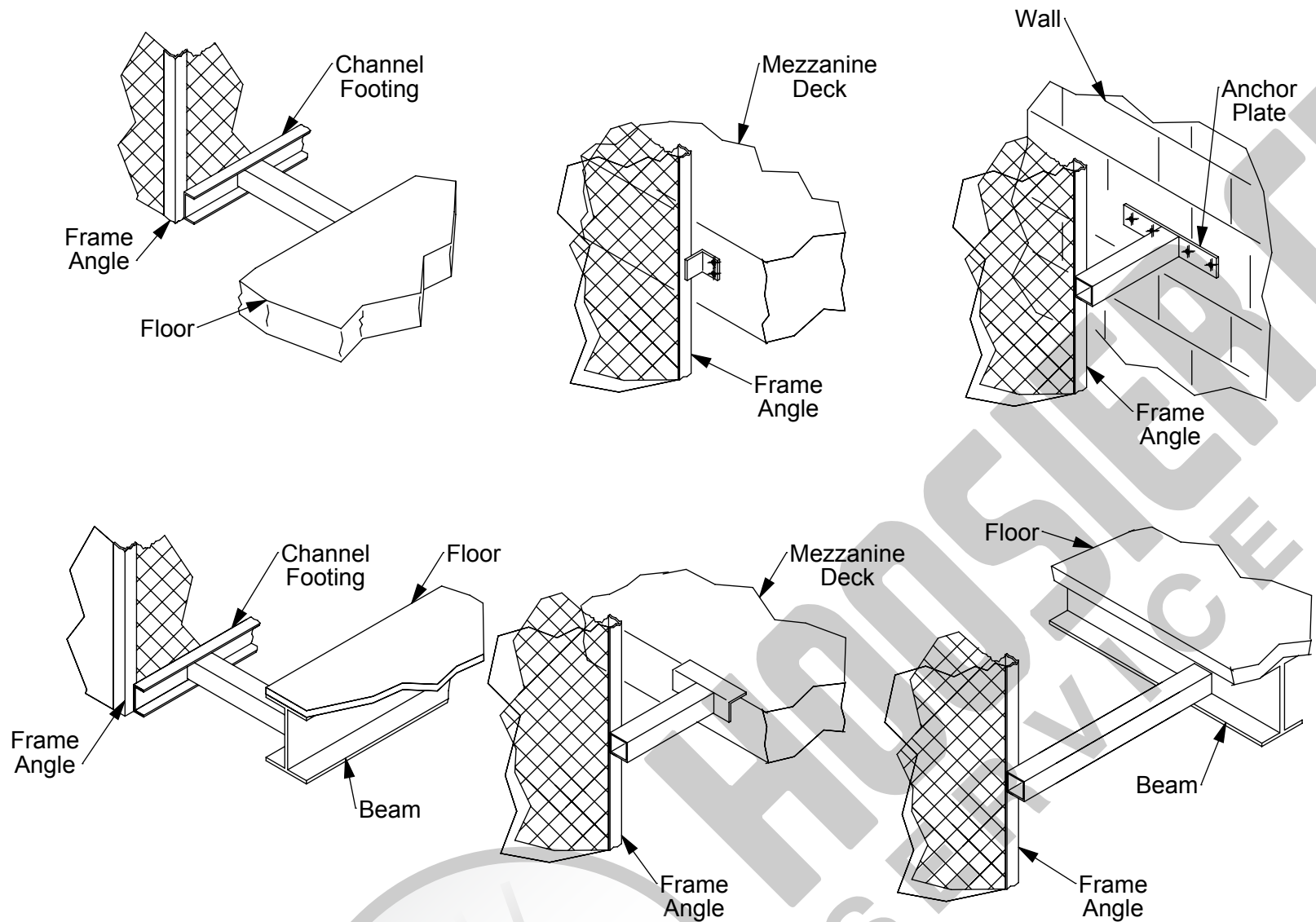
SUGGESTED ANCHORAGE
FOR MODULAR VRC

The illustrations shown represent some suggested methods of attaching lift enclosure frame to an existing wall or structure.

All required anchor brackets are to be fabricated by installer when lift is installed.

Any material required that is not included in the "Raw Materials" kit provided with the lift is to be supplied by the installer.

Average two stop lift should be attached to wall or mezzanine structure in a minimum of two places.



Anchor Bracket "Raw Material" Kit

1 Set Contains
(Typically 1 set is provided per upper level)

- Brace Mounting Angle (Part #: 6141531, Qty: 2)
- 3/8" x 3" x 16" Anchor Plate (Part #: A13039, Qty: 2)
- 4" x 1/4" Angle x 12"
- 3"-11Ga Sq Tube x 18"
- 2 1/2"-11Ga Sq Tube x 12"
- Suggested Installation Procedures (Part #: A13309, Qty: 1)

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TERMS OF USE (AGREEMENT)

This document and the information contained herein is the exclusive property of Custom Industrial Products, Inc. (CIP). The reproduction or use by others without written consent from CIP is strictly prohibited and is not to be used in any way detrimental to CIP.

Damages or improper performance due to installation by others is not covered under CIP's Limited Warranty.

To ensure proper fit and function of this material lift, please verify all dimensions (travel heights, clearances, pass-through, etc.) are accurate and match the dimensions contained herein.

Any drawing/specification changes requested by customer, or revisions resulting from insufficient information provided by customer after production of unit begins may delay original delivery date of product shipment and may cause additional charges to be applied.

All required anchorage to be fabricated by mechanical installer. CIP will supply some raw anchorage material for each unit.

When applicable the following materials are to be provided by and are the responsibility of the mechanical and electrical installer:

- Any additional materials required to properly secure the unit and/or enclosures.
 - Any materials required to fabricate lift threshold(s).
 - All hardware required to brace and anchor unit to floors and structures.
 - External electrical wiring and conduit required to connect control panel to all switches, motor(s), pushbutton stations, etc.
- Main power disconnect to be supplied by others.

Proper installation of lift is required to comply with ANSI/ASME B20.1 Safety Standards for Conveyors and Related Equipment. This lift is not subject to elevator codes as it is designed for material transport only.df

THINGS TO WATCH FOR

Is there adequate head room at the upper level to allow proper clearances of the unit?

Are all passageways or door openings large enough to allow access of all lift components?

If the lift is to be pit mounted, are the width, depth, & height to the recommended dimensions? Is the pit square?

Is there enough room around the installation site to ensure safe & efficient installation?

Are there any obstructions around the installation site that could effect the form, fit or function of the lift (e.g. column post, overhead beams, conduit, floor protrusions, etc.)?

If the lift will pass-through an existing floor, are the width & depth to the recommended dimensions? Is it square?

When applicable does the pass through opening line up with the pit?

Are there adequate locations for anchoring & bracing of the unit (required bracing of the lift includes left to right & front to back)?

What additional material may be required for anchoring & bracing of the unit and/or enclosures?

Are there restrictions on the job site that may effect the installation (e.g. work hours, union labor, welding restrictions etc.)?

Are shafts or wall openings to recommended dimensions when applicable?

Will the installation schedule conflict with in-plant production schedule?

Are there any special safety requirements or safety meetings required?

Are there any contract issues or special installation concerns to be aware of?

MECHANICAL INSTALLER OBLIGATIONS

A job-site visit to verify site conditions prior to installation is recommended to help ensure a successful and trouble-free installation. Any concerns or issues should be discussed with the owner before commencing any work.

Complete mechanical installation of all components supplied for a quality and professional installation.

Mounting of all electrical switches, brackets, control panel, etc (not applicable on union jobs) prior to any electrical work performed.

After all electrical installation is complete, a final visit is required to make any adjustments to switches, rollers, etc., final inspections, testing of the unit and training of personnel in the operation and maintenance of the unit.

NOTE: DRAWINGS MAY BE RESUBMITTED FOR APPROVAL BASED ON CHANGES.

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BRACING & ANCHORAGE

Custom Industrial Products, Inc. (CIP) will supply some raw support bracing material. Anchorage points are necessary and will require a structurally sound floor or wall to brace the VRC. All criteria affecting the VRC's anchorage is the installer's responsibility, therefore it is imperative to verify that the attachment points are sufficient for the lift installation.

Proper stabilization of the unit is a must and may require additional material (to be supplied by installer). It is the responsibility of the installer to ensure proper stabilization has been obtained.

The style and quantity of necessary anchorage will be determined by but not limited to the height of rails and the number of floors.

Prior to VRC set up the installer should inspect the site to determine any special requirements or concerns. All hardware required for anchorage is supplied by installer.

Points to remember when installing the main guide rail/tower bracing:

- The structure to which the support braces are attached must be strong enough to support the lift. This is especially important on CIP cantilever lifts.
- The bracing should be installed at or near each floor level and at the top on the unit. Use of additional bracing is recommended when deemed necessary or when the standard attachment points are not available.
- Bracing should never be anchored to the ceiling or to roof joists. Anchoring into block with backer plates and through bolting is acceptable but brick or stud-type walls are UNACCEPTABLE.
- Anchoring into wood should be avoided. If absolutely necessary, use steel backer plates and through bolt.
- Guide rails/towers must be supported left to right and front to back.
- When using concrete anchors, lags, or bolts to attach bracing, it is always best to have them in shear (angled) rather than straight, consequently making it more difficult to pull out.

For any questions not clear on this information sheet contact CIP Technical support at (321) 728-3355.

OWNER'S OBLIGATIONS

Supply mechanical and electrical installers with all manuals, drawings and documentation required to perform proper installation. Coordinate collaboration between mechanical and electrical installers to ensure each party knows their responsibilities and obligations.

Unloading and staging of the equipment near the installation site.


The unit should never be stored in an environment where it is exposed to the weather or undesirable conditions (wet, corrosive, etc). This also applies to units that will be installed in these environments as some items may not be rated for such environments until fully installed. Doing so may void the warranty.

Ensure the equipment has clear access to the installation site.

Ensure main power disconnect is operational and located within 10 ft of where the control panel will be mounted.

Ensure the installation site is free of obstructions and all site work is complete and ready for the installer.

Ensure adequate locations for securing the unit to the building or mezzanine structure.

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