



Planning Guide

VERSA

Residential Dumbwaiter

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INTRODUCTION

This Planning Guide is to be used as a reference in deciding the type of dumbwaiter to be installed, parameters of installation and steps taken to achieve a proper dumbwaiter installation. This guide may be used by the architect, contractor, dealer or home owner.

The information in this guide is intended as an overview, each installation will have job specific specifications that must be followed. Do not attempt to construct a hoistway on this information. Dumbwaiter installation is to be done by an authorized elevator contractor, and in accordance with installation instructions provided by the manufacturer. Installation must also be in compliance with requirements of the National Electric Code, American Society of Mechanical Engineers safety code, and state and local building codes. Waupaca Elevator's products are designed to meet the requirements of ASME - 17.1 National Elevator Codes for dumbwaiters. CITI Elevator Inc., dumbwaiters manufactured and installed

under the proper parameters are warranted for 2 years. Manufacturer assumes no liability for equipment not installed in compliance with these codes. CITI Elevator Inc reserves the right to modify the design, technical specification and dimensions of the products shown in this document.

CSI 3-Part Specifications Customize and download CSI 3-Part Specifications by logging on to:
specify Versa dumbwaiter as the requested manufacturer www.residentialdumbwaiter.com - go
to Product information and Downloads

REDEFINING RESIDENTIAL DUMBWAITER TECHNOLOGY

Twelve years ago, we started on a mission on coming up with a quality cost effective home premium Dumbwaiter. Today, we are proud to say we have done it!

CITI continues to develop innovative dumbwaiter technology while focusing on energy and space efficiency, reliability and excellent quality.

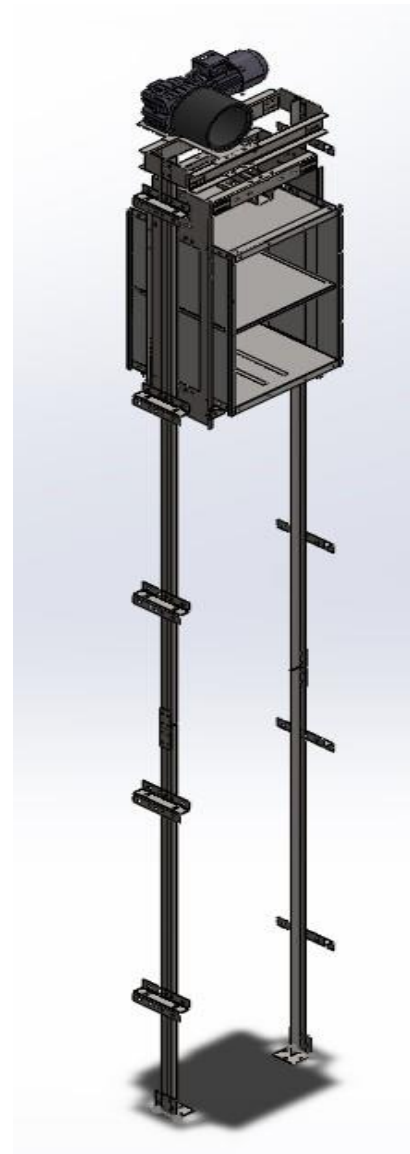
CITI DUMBWAITER SOLUTION

1 winding drum technology

2 Opposing Rail design.

3 Standard Product

4 cost effecting design.



PLANNING STAGES

- 1.-Work with end user to determine the following:
 - A - Select weight capacity, car type and design specifications
 - B - Address national, state and local code requirements
 - C - Hoistway size
 - D - Car size, layout and options
 - E - Machine location
 - F - Electrical requirements
2. - Obtain and follow site specific field drawings while building hoistway, doorways and any other construction related to the dumbwaiter.
3. - Coordinate with dealer/Licensed installer to install dumbwaiter



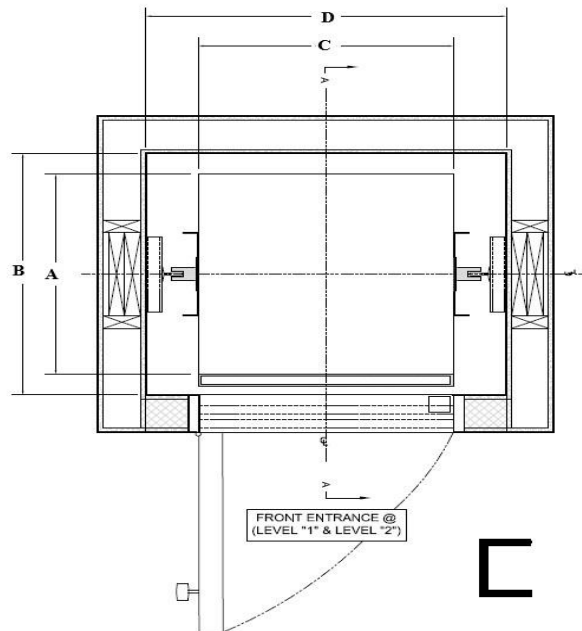
Weight Capacity and Size

Weight capacity	Cab Size (LXW)	Cab Height
100lbs/45kg	20"(508mm)X20"(508mm)	24" (610mm) / 30"(762mm)
150Lbs/68kg	24"(610mm) X24"(610mm)	24"(610mm)/30"(762mm)
200lbs/91kg	24"(610mm)X24"(610mm)	36" (914mm)

Power supply.

240VAC-1phase power supply is used to drive a ½ Hp to ¾ Hp 3 phase worm gear motor with a help of a VFD for smoot, quiet and energy efficient operation.

HOME DUMBWAITER SAMPLE PLAN VIEW (STYLE 1 ON/OFF SAME SIDE CAB)



PLATFORM SIZE CHART

Model	PLATFORM DEPTH A	PLATFORM WIDTH C	HOISTWAY DEPTH B	HOISTWAY WIDTH D	CAB HEIGHT	OVERHEAD (MIN)
DWR-202024	20"(51)	20"/49	25"(64)	30"(76)	24"(61)	96"
DWR-202030	20"(51)	20"/49	25"(64)	30"(76)	30"(76)	102"
DWR-202036	20"(51)	20"/49	25"(64)	30"(76)	36"(91)	108"
DWR-242424	24"(61)	24"/61	29"(74)	34"(86)	24(61)	96"
DWR-242430	24"(61)	24"/61	29"(74)	34"(86)	30"(76)	102"
DWR-242436	24"(61)	24"/61	29"(74)	34"(86)	36"(91)	108"

CUSTOM SIZES ALSO AVAILABLE , PLEASE CANTACT FOR MORE INFORMATION

NOT FOR CONSTRUCTION, SAMPLE LAYOUT ONLY ** ADITONAL OVERHEAD MAYBE NEED OF HOIST BEAM
 REACTON LOAD TO BE CALCULATED AS PER PROJECT SHOP DRAWINGS

Notes:

SPECIFICATIONS

PRODUCT NAME:

VERSA

MODELS:

DWR-- Style 1

CODE:

B44/ASME A17.1

MAXIMUM CAPACITY

200Lbs/ 90Kg

MAXIMUM SIZE :

.34CBM/12CFt

MAXIMUM TRAVEL :

35ft

SPEED

30FPM

MINIMUM OVERHEAD:

See section view

LOADING HEIGHT

240V-1 phase

CAR DOOR(S)

VERTICAL BI-PARTING

TYPE OF SAFETIES:

Type A

OVER SPEED PROTECTION

YES

Cab finish

Stainless, Painted Galvanized Steel

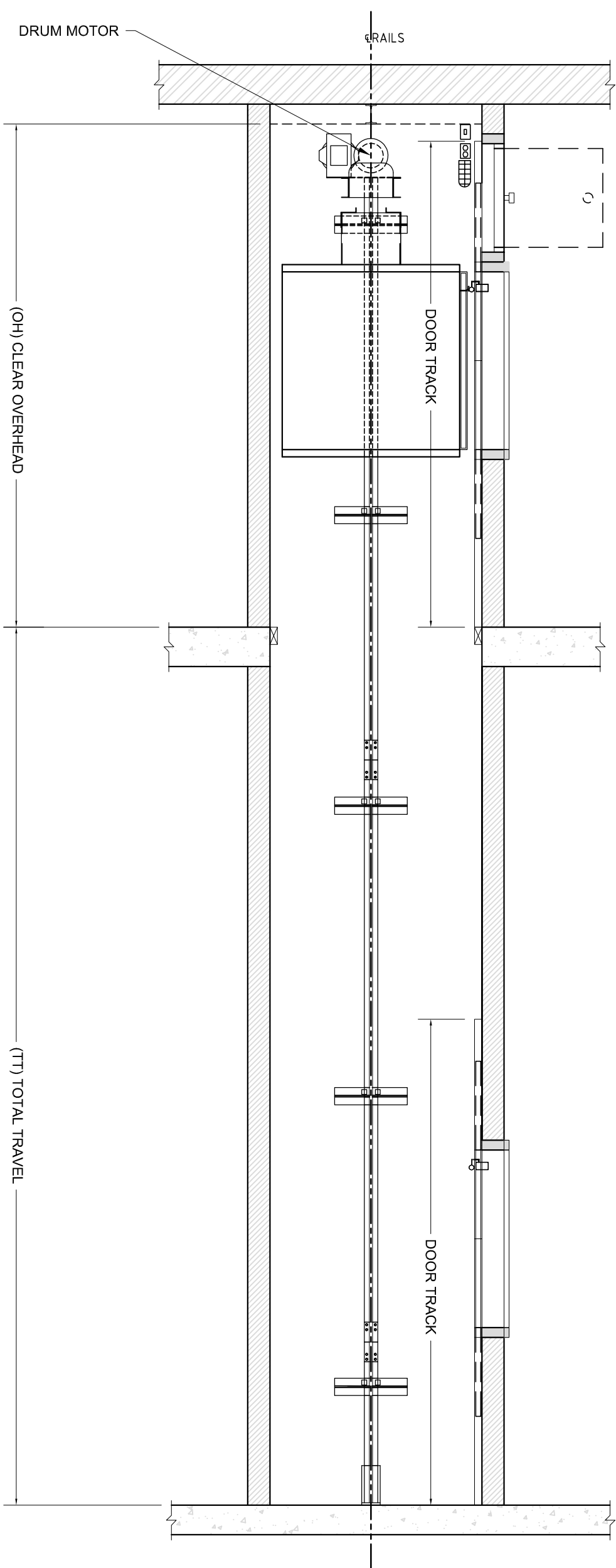
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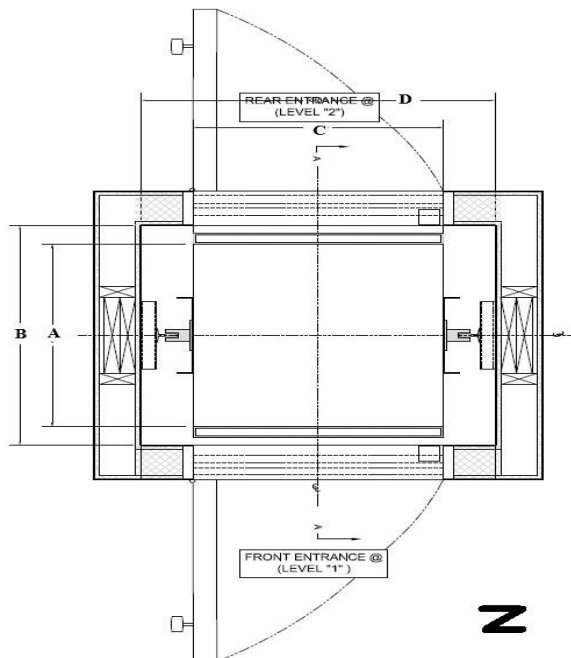
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USA:716-513-9535



HOME DUMBWAITER SAMPLE PLAN VIEW (STYLE 2 ON/OFF OPPOSITE SIDE CAB)



PLATFORM SIZE CHART

Model	PLATFORM DEPTH A	PLATFORM WIDTH C	HOISTWAY DEPTH B	HOISTWAY WIDTH D	CAB HEIGHT	OVERHEAD (MIN)
DWR-202024	20"(51)	20"/49	25"(64)	30"(76)	24"(61)	96"
DWR-202030	20"(51)	20"/49	25"(64)	30"(76)	30"(76)	102"
DWR-202036	20"(51)	20"/49	25"(64)	30"(76)	36"(91)	108"
DWR-242424	24"(61)	24"/61	29"(74)	34"(86)	24"(61)	96"
DWR-242430	24"(61)	24"/61	29"(74)	34"(86)	30"(76)	102"
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Notes:

SPECIFICATIONS

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DWR-- Style 1

CODE:

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MAXIMUM CAPACITY

200Lbs/ 90Kg

MAXIMUM SIZE :

.34CBM/12Cft

MAXIMUM TRAVEL :

35ft

SPEED

30FPM

MINIMUM OVERHEAD:

See section view

LOADING HEIGHT

240V-1 phase

CAR DOOR(S)

VERTICAL BI-PARTING

TYPE OF SAFETIES:

Type A

OVER SPEED PROTECTION

YES

CAB FINISH

Stainless , Painted or Galvanized Steel

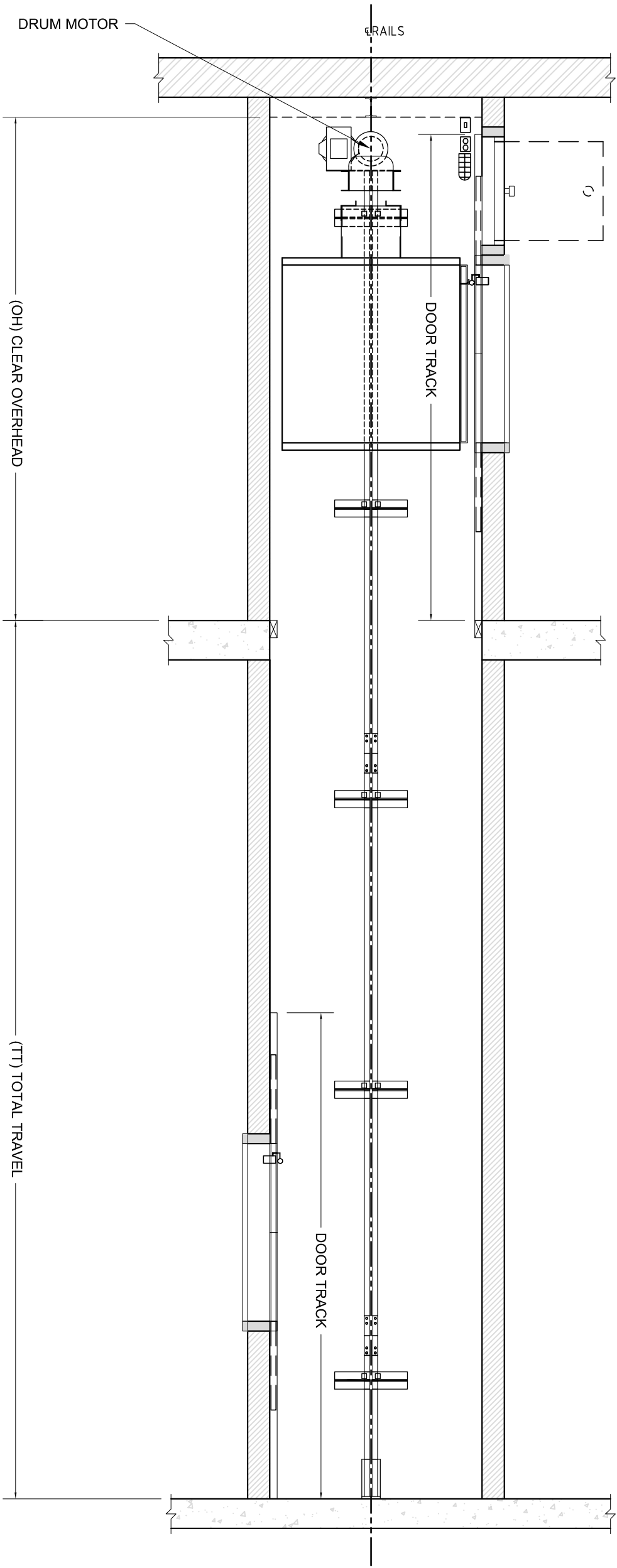
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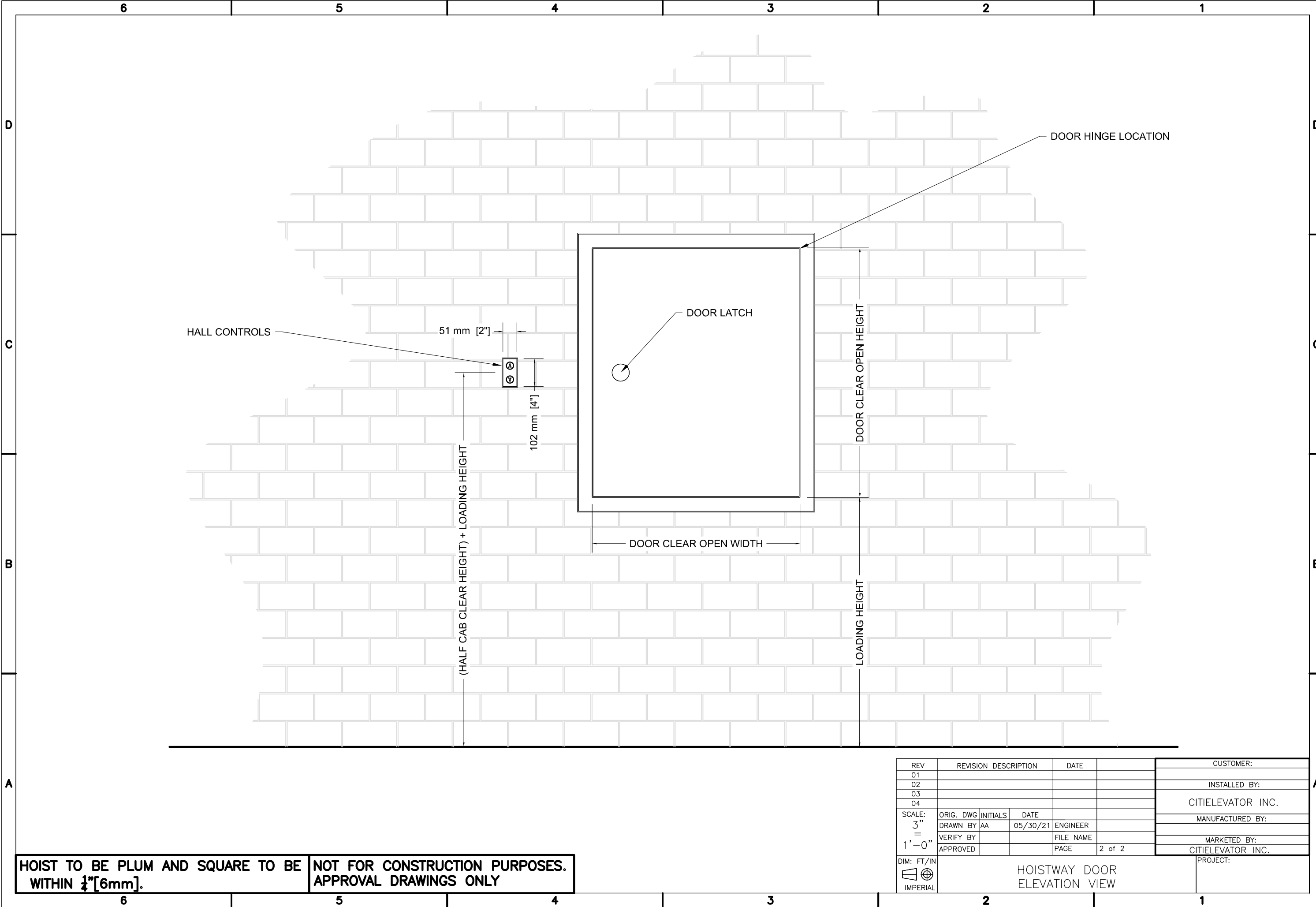
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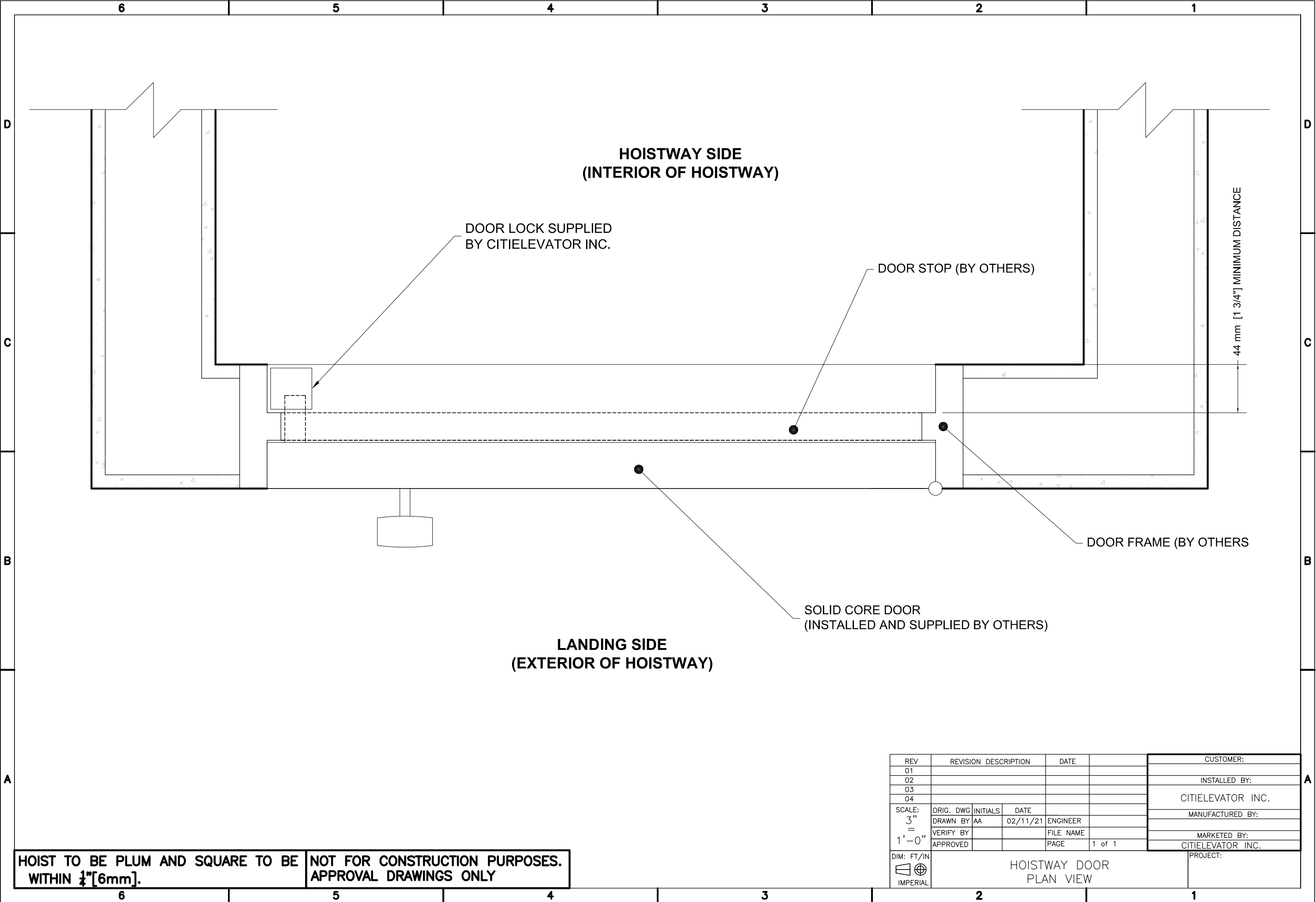
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TOP LANDING DOOR FRAMING - NOT FOR CONSTRUCTION PURPOSES - EXAMPLE ONLY

