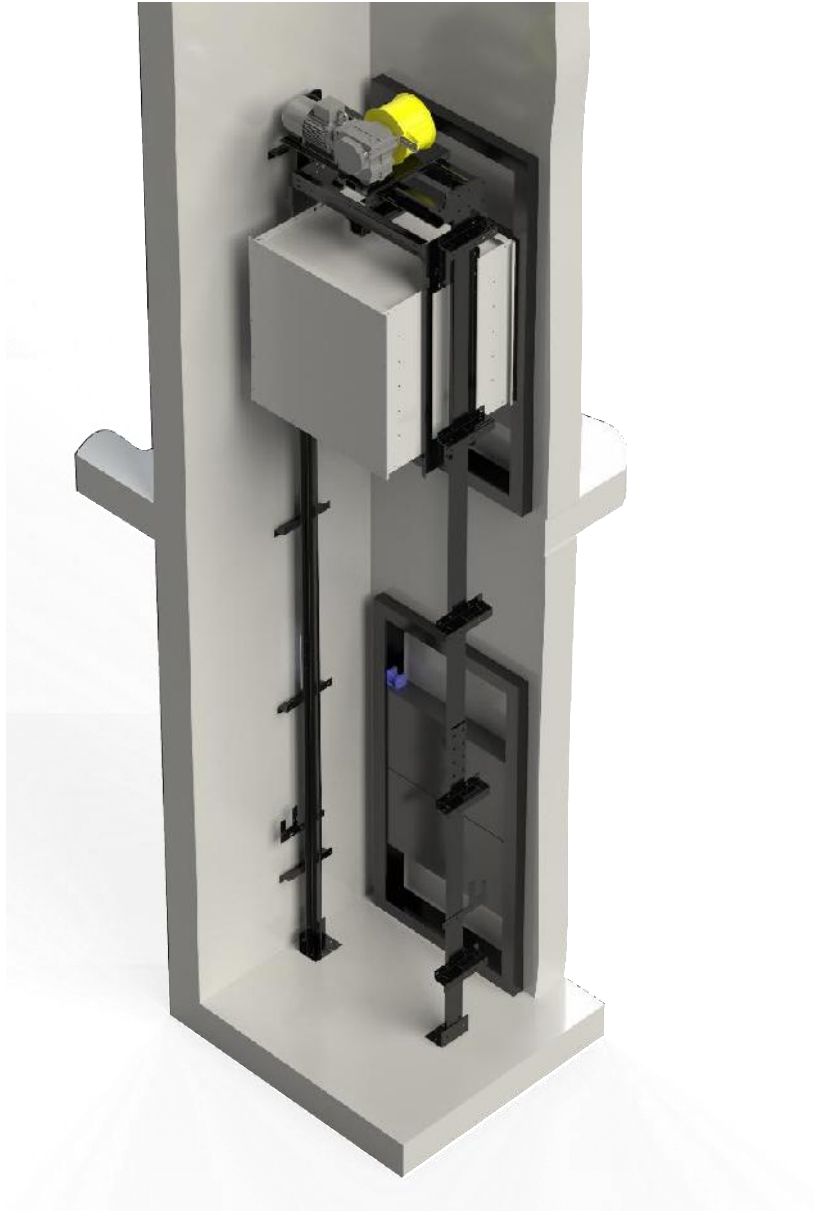


DELTA COMMERCIAL DUMBWAITERS

ARCHITECTURAL & CONTRACTOR

PLANNING GUIDE



QUALITY COMMERCIAL DUMBWAITERS

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Introduction

The DELTA-D Commercial Dumbwaiter is a compact vertical material lift system designed for the efficient transportation of goods between floor levels in commercial, institutional, and industrial applications.

The system is engineered to provide reliable service while minimizing floor space requirements and improving operational efficiency within the building environment.

The DELTA-D system is available in multiple capacities, loading configurations, and finish options to accommodate a wide range of architectural and operational requirements.

IMPORTANT — PLANNING GUIDE ONLY

This guide provides preliminary planning information for Delta Commercial Dumbwaiters and is intended for use by architects, engineers, contractors, dealers and building owners.

Dimensions shown are for preliminary planning and coordination only. Do not use this guide as the sole basis for hoistway, structural, door, pit, overhead or machine-room construction.

Final dimensions and installation requirements shall be based on the approved project-specific CITI shop drawings issued for the equipment being supplied.

Installation shall be performed by qualified elevator personnel in accordance with the applicable elevator safety code, electrical code, building code and all applicable provincial/state and local requirements.

Our Dumbwaiter products are designed to meet the requirements of CSA B44/ASME-17.1 National Elevator Codes for dumbwaiters.

Dumbwaiters manufactured and installed under the proper parameters are under warranty for 2 years. Manufacturer assumes no liability for equipment not installed in compliance with these codes and manufactures instructions.

CITI Elevator Inc., reserves the right to modify the design, technical specifications and dimensions of the products shown in this document.

Controller

The "brain" of any Dumbwaiter is the PLC and VFD based system that manages its operation by receiving inputs and sending out commands to ensure the car moves safely and efficiently between floors.

Motor & Gearbox

Quality helical worm geared motors combine the efficiency of helical gears with the high reduction ratios of worm gears. It uses 3 phase power to deliver a smooth and quiet performance alongside high torque output.

Top Assembly

Heavy gage steel support for the motor provides smooth & reliable movement of goods.

Cab

High quality Cabin with Shelf(s). Available in stainless steel, galvanized steel and painted steel.

Rails Brackets

Heavy gage steel bracket is a structural component that secures the elevator's guide rails to the walls of the shaft. Ensuring a smooth and reliable performance.

DELTA

Commercial Dumbwaiter

Discover the difference of quality commercial Dumbwaiters with robust, reliable, smooth drive system and modern technology.

Steel Drum

Steel rope winding drum provides smooth, quiet lifting & lowering; with grooved designs that guide the rope to ensure proper spooling and prevent crushing. The steel air craft cable has a braking strength of 7000lbs for strong & reliable operating.

Cab Sling

Our dumbwaiter cab sling is made from heavy gage steel framework that will support the elevator car's platform and wall for years to come.

Guide Rails

T Rails Design Elevator guide rails provides the vertical structure that guides the Dumbwaiter car, ensuring smooth and stable movement while preventing swaying.

Landing Doors

Our specially constructed door is designed to prevent the spread of fire for over an hour and a half. The special lock prevents the door from opening when the lift is not at the floor level. Door style options are available in Bi-parting, Slide-Up and Swing style.

DELTA Product Features

Features	Features
Winding drum drive system	Compact commercial dumbwaiter design
Counter loading and floor loading configurations	Fire-rated and non-fire-rated hoistway options
CSA B-44/ASME A17.1	Stainless steel, Galvanized or painted steel finishes
Multiple car size configurations	Up to 500 lb capacity
Up to 40 ft travel (On LD Drum drive system)	Commercial-grade controls and safety devices
PLC/VFD-based controls	Self-supporting “Dumbwaiter-in-a-Box” option
Cab finish: Stainless, Galvanized, Painted	1.5hr fire rated door Stainless, Painted
208V-3Phase (std)/ 240V- 1phase power	Conventional construction model
Soft Start/ Soft stop (Option)	Car gate open buzzer (Optional)
Car arrival buzzer (Option)	Retiring Cam (for 3 stop FL) Optional

Discover the difference of quality Delta Commercial Dumbwaiters with robust, reliable, smooth drive system with modern technology.

Planning sequence

Step	Decision
1	Select a capacity
2	Car configuration (How to it will be loading/unloaded)
3	Loading height (counter or floor)
4	Car Size need
5	Hoistway/ Overhead/Pit (if needed)
6	Door & fire Separation
7	Machine are @ Electrical
8	Structural support
9	Code requirements
10	Specifications
11	Approved shop drawings to construct from

Planning steps

1. Determine required capacity and car style.
2. Select car size, layout and finish options.
3. Establish hoistway width, depth, floor-to-floor travel and overhead.
4. Locate machine area, controller and disconnect.
5. Determine fire-rated or non-fire-rated construction.
6. Address applicable national, provincial/state and local code requirements.
7. Obtain project-specific field/shop drawings before constructing the hoistway.
8. Coordinate landing door openings and other construction interfaces.
9. Coordinate provisions by others with the installing Dumbwaiter contractor.

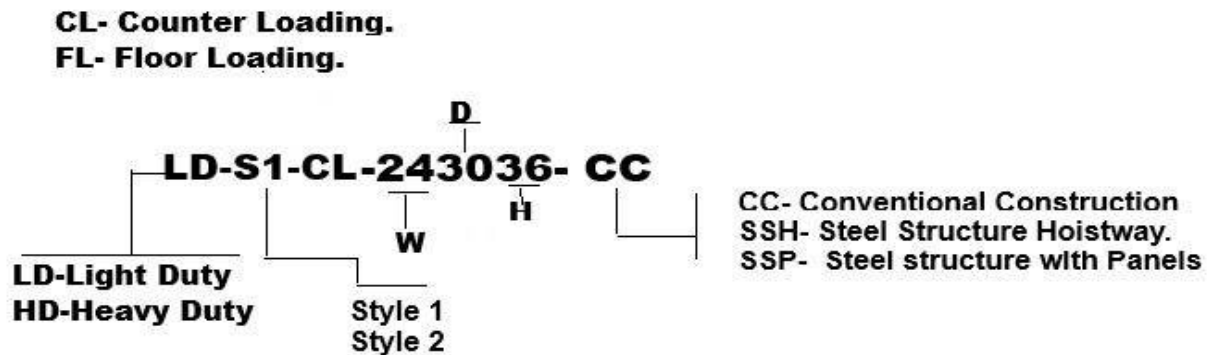
Doorway sequencing

Do not complete doorway framing/returns until the dumbwaiter and landing doors are set and coordinated. The source guide specifically notes that hoistway door walls/returns must not be erected until doors are set in place.

Final drawing rule

Do not construct the hoistway from this planning guide alone. Use approved project-specific shop drawings for final construction.

Model selection & Planning Workflow



Code	Meaning
LD	Delta Light Duty models carry up to 150lbs (68kg) of lifting capacity.
HD	Delta Heavy Duty models have up to 500lbs (227kg) of lifting capacity.
S1	ON/OFF SAME SIDE LOADING AND UNLOADING
S2	ON/OFF OPPOSITE SIDE LOADING AND UNLOADING
CL	Counter Loading height (Std 36")
FL	Floor Loading height
SSH	Steel Structure Hoistway (Fire rated Application)
SSP	Steel Structure with Panels (Non-fire rated applications)
CC	Conventional Construction (Wood Drywall, Block, concrete)
TD	Traction Drive System for higher travel then 35ft (10.7m)
CLV	Cantilever Car design for (90 degree enter/Exit)

Delta Model(s) LD VS HD Comparison

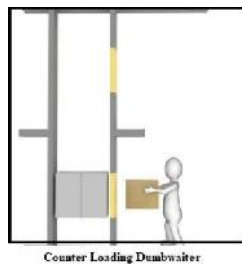
Features	DELTA LD	DELTA HD
Capacity	Up to 150lbs (68kg)	Up to 500lbs (227kg)
Max Cab Volume		1m3 (35.3ft3)
Max Travel	41ft (12.5m)	41ft (12.5) Except 500lbs (227Kg)
Loading	CL/FL	CL/FL
S1	Yes	Yes
S2	Yes	Yes
Steel Structure	Optional	Optional
Custom size	Available	Available
Drive System	Steel Drum	Steel Drum
Rails	T-50	T-75/T-89

Drawing Convention:

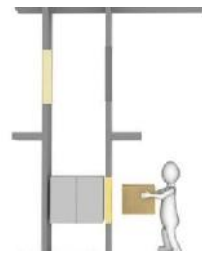
This planning guide identifies the dimensional convention below. Finished hoistway dimensions include drywall, plaster and paint (clear Inside).

Letter	Dimension
A	Cab width
B	Cab depth
C	Hoistway depth
D	Hoistway width
E	Cab height
OH	Overhead — upper floor to underside of hoist beam
T	Travel (finish floor to finish floor height)
P	Pit -for Floor loading units (FL)
CC	Conventional Construction (Wood/Drywall, Block, Concrete)
SSH	Steel structure hoistway (for fire rated applications drywall by others)
SSP	Steel Structure with panels (Non- Fire rated applications)

STYLE 1(S1)
ON/OFF SAME
SIDE



STYLE 2 (S2)
ON/OFF
OPPOSITE SIDE



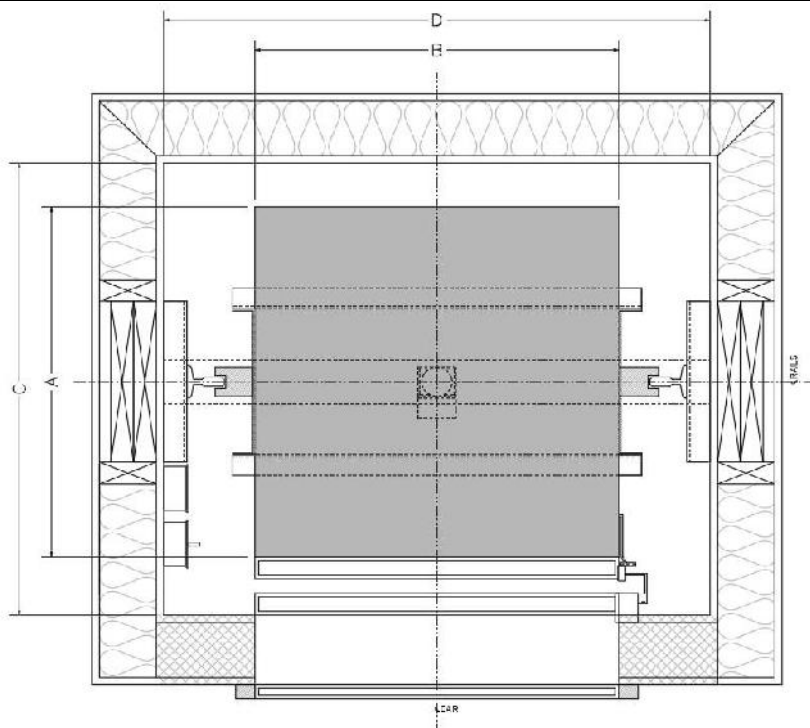
Construction tolerance: hoistway plumb within 1/8 in. per 10 ft of height; square within 1/4 in. based on difference in diagonal measurements. Structure must support the appropriate loads. Final structural requirements are project-specific.

Doorway sequencing

Do not complete doorway framing/returns until the dumbwaiter and landing doors are set and coordinated.

Final drawing rule

Do not construct the hoistway from this planning guide alone. Use approved project-specific shop drawings for final construction.



PLAN VIEW

PLATFORM SIZE CHART STYLE 1 (S1) CAB ON/OFF SAME SIDE

MODELS	CAB WIDTH A	CAB DEPTH B	CAB HEIGHT E	HOISTWAY WIDTH D	HOISTWAY DEPTH C	OVERHEAD OH	CAPACITY
LD-S1.CL-202024	20"(508mm)	20" (508mm)	24"(610mm)	32"(813mm)	27" (686mm)	96" (2.4m)	100LBS 45KG
LD-S1.CL-202030	20"(508mm)	20"(508mm)	30" (762mm)	32"(813mm)	27"(686mm)	98"(2.5m)	
LD-S1.CL-202036	20"(610mm)	20"(508mm)	36" (915mm)	32"(813mm)	27"(686mm)	103"(2.6m)	
LD-S1.CL-242424	24"(610mm)	24"(610mm)	24"(610mm)	36"(915mm)	31"(787mm)	96"(2.4m)	150LBS
LD-S1-CL-242430	24"(610mm)	24"(610mm)	30" (762mm)	36"(915mm)	31"(787mm)	98"(2.5m)	68Kg
CUSTOM							

CUSTOM SIZES ALSO AVAILABLE , PLEASE CONTACT FOR MORE INFORMATION

NOT FOR CONSTRUCTION, SAMPLE LAYOUT ONLY CL = Counter Loading | S= Standard | O= Optional | OH= Upper Floor to Top of Motor Height

REACTION LOAD TO BE CALCULATED AS PER PROJECT SHOP DRAWINGS (**Max Travel for 500lbs (227Kg) unit is 31ft (9.m))

Notes:

SPECIFICATIONS

PRODUCT NAME:

DELTA

MODELS:

DELTA-LD S1

CODE:

B44/ASME A17.1

MAXIMUM CAPACITY:

UP TO 150lbs (68 Kg)

MAXIMUM SIZE:

.283 cubic m/10 cubic ft

MAXIMUM TRAVEL:

41FT (12.5m)**

DRIVE:

WINDING STEEL ROPE DRUM

CAB FINISH OPTIONS:

STAINLESS, PAINTED, GALVANIZED

SPEED:

30fpm (.15m/s) - 40fpm (.20m/s)

LANDING DOORS OPTIONS:

BI-PARTING, SWING, SLIDE-UP

DOOR FINISH OPTIONS:

STAINLESS STEEL / PAINTED

POWER:

208v-3PHASE(S) /240V-1 PHASE(O)

LOADING HEIGHT:

36" A.F.F (S)

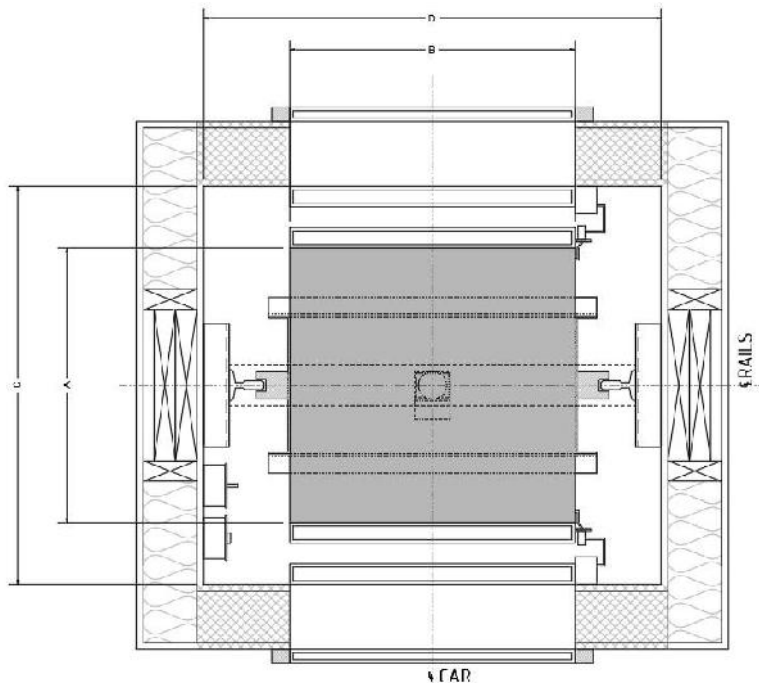
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SALESTEAM@CITIELEVATOR.COM

CAN: 416.900.6974

USA: 716.513.9535



PLAN VIEW

PLATFORM SIZE CHART STYLE 2 (S2) CAB ON/OFF OPPOSITE SIDE

MODELS	CAB WIDTH A	CAB DEPTH B	CAB HEIGHT E	HOISTWAY WIDTH D	HOISTWAY DEPTH C	OVERHEAD OH	CAPACITY
LD-S2.CL-202024	20"(508mm)	20" (508mm)	24"(610mm)	32"(813mm)	28" (711mm)	96"(2.4m)	100LBS 45KG
LD-S2.CL-202030	20"(508mm)	20"(508mm)	30" (762mm)	32"(813mm)	28"(711mm)	98"(2.5M)	
LD-S2.CL-202036	20"(508mm)	20 (508mm)	36" (915mm)	32"(813mm)	28"(711mm)	104"(2.6m)	
LD-S2.CL-242424	24"(610mm)	24" (610mm)	24"(610mm)	36"(915mm)	32"(813mm)	96"(2.4m)	150LBS
LD-S2-CL-242430	24"(610mm)	24"(610mm)	30" (762mm)	36"(915mm)	32"(813mm)	98"(2.5m)	68Kg

CUSTOM SIZES ALSO AVAILABLE , PLEASE CONTACT FOR MORE INFORMATION

NOT FOR CONSTRUCTION, SAMPLE LAYOUT ONLY

CL = Counter Loading | S= Standard | O= Optional | OH= Upper Floor to Top of Motor Height

REACTION LOAD TO BE CALCULATED AS PER PROJECT SHOP DRAWINGS

Notes:

SPECIFICATIONS

PRODUCT NAME:

DELTA

MODELS:

DELTA-LD S2

CODE:

B44/ASME A17.1

MAXIMUM CAPACITY:

UP TO 150lbs (68 Kg)

MAXIMUM SIZE:

.283 cubic m/10 cubic ft

MAXIMUM TRAVEL:

41FT (12.5m)**

DRIVE:

WINDING STEEL ROPE DRUM

CAB FINISH OPTIONS:

STAINLESS, PAINTED, GALVANIZED

SPEED:

30fpm (.15m/s) - 40fpm (.20m/s)

LANDING DOORS OPTIONS:

BI-PARTING, SWING, SLIDE-UP

DOOR FINISH OPTIONS:

STAINLESS STEEL / PAINTED

POWER:

208V-3PHASE(S)/240V-1PHASE(O)

LOADING HEIGHT:

36" A.F.F (STANDARD)

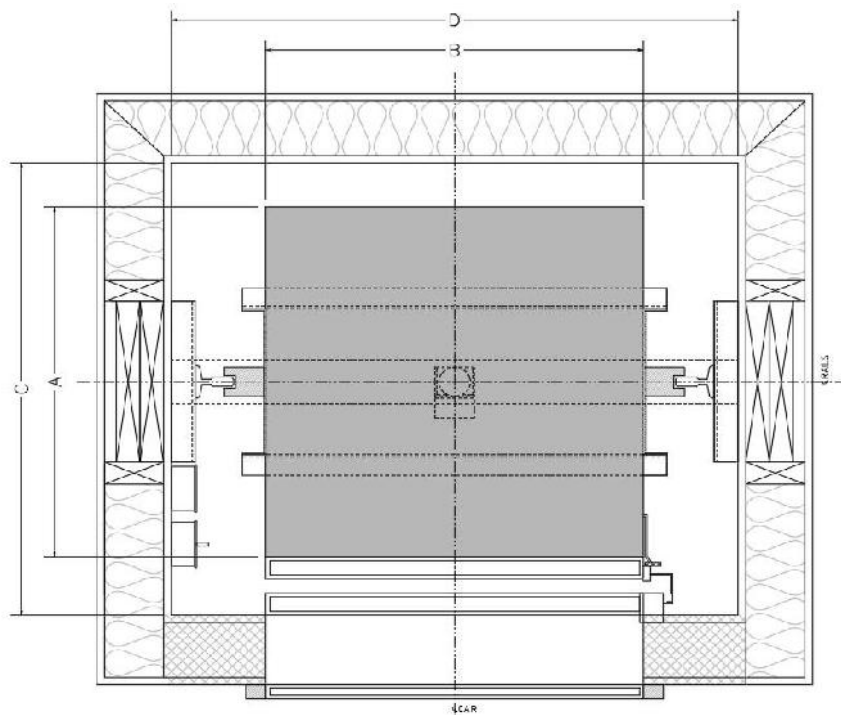
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PLAN VIEW

PLATFORM SIZE CHART STYLE 1 (S1) CAB ON/OFF SAME SIDE

MODELS	CAB DEPTH A	CAB WIDTH B	CAB HEIGHT E	HOISTWAY DEPTH C	HOISTWAY WIDTH D	OVERHEAD OH	CAPACITY
HD-S1.CL-242436	24"(610mm)	24" (610mm)	36"(915mm)	31"(813mm)	36" (915mm)	104" (2.6m)	200lbs (90kg)
HD-S1.CL-242442	24"(610mm)	24"(610mm)	42"(1067mm)	31"(813mm)	36"(915mm)	110"(2.8m)	200lbs (90kg)
HD-S1.CL-303030	30"(762mm)	30"(762mm)	30"(762mm)	37"(940mm)	42"(1067mm)	102"(2.5m)	250lbs (113kg)
HD-S1.CL-303036	30"(762mm)	30"(762mm)	36"(915mm)	37"(940mm)	42"(1067mm)	102"(2.5m)	300lbs (136kg)
HD-S1.CL-363630	36"(915mm)	36"(915mm)	30"(762mm)	43"(1092mm)	48"(1219mm)	98"(2.4m)	350lbs(159kg)
HD-S1.CL-363636	36"(610mm)	36"(915mm)	36" (915mm)	43"(1092mm)	48"(1219mm)	104"(2.6m)	400lbs (182kg)
HD-S1.CL-363642	36"(610mm)	36"(915mm)	42"(1067mm)	43"(1092mm)	48"(1219mm)	110"(2.8m)	450lbs (205kg)
HD-S1-CL-363648	36"(610mm)	36"(915mm)	48"(1219mm)	43"(1092mm)	48"(1219mm)	120"(2.9m)	500lbs (227kg)

CUSTOM SIZES ALSO AVAILABLE , PLEASE CONTACT US FOR MORE INFORMATION

NOT FOR CONSTRUCTION, SAMPLE LAYOUT ONLY CL = Counter Loading | S= Standard | O= Optional | OH= Upper Floor to Top of Motor Height

REACTION LOAD TO BE CALCULATED AS PER PROJECT SHOP DRAWINGS (** Max travel for 500lbs (227kg) unit 31ft (9.5m))

Notes:

SPECIFICATIONS

PRODUCT NAME:

DELTA -D

MODELS:

DELTA-HD S1

CODE:

B44/ASME A17.1

MAXIMUM CAPACITY:

UP TO 500lbs (227 Kg)

MAXIMUM SIZE:

1 cubic m / 35.3 cubic ft

MAXIMUM TRAVEL:

41FT (12.5m)**

DRIVE:

WINDING STEEL ROPE DRUM

CAB FINISH OPTIONS:

STAINLESS, PAINTED, GALVANIZED

SPEED:

30fpm (.15m/s) - 40fpm (.20m/s)

LANDING DOORS OPTIONS:

BI-PARTING, SWING, SLIDE-UP

DOOR FINISH OPTIONS:

STAINLESS STEEL / PAINTED

POWER:

208V-3Phase (S) / 240V-1phase(O)

LOADING HEIGHT:

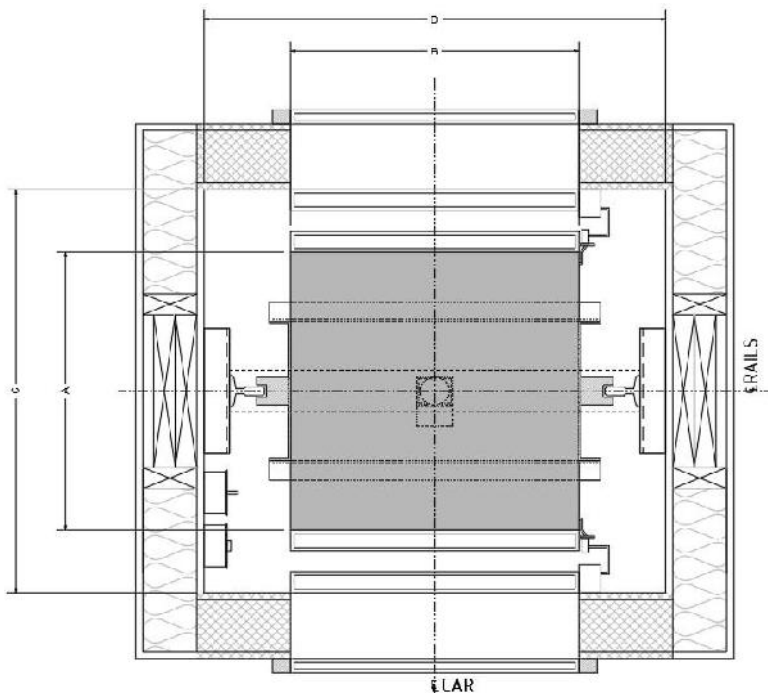
36" A.F.F (S)

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SPECIFICATIONS

PRODUCT NAME:

DELTA -D

MODELS:

DELTA-HD S2

CODE:

B44/ASME A17.1

MAXIMUM CAPACITY:

UP TO 500lbs (227 Kg)

MAXIMUM SIZE:

1 cubic m/35.3 cubic ft

MAXIMUM TRAVEL:

41FT (12.5m)**

DRIVE:

WINDING STEEL ROPE DRUM

CAB FINISH OPTIONS:

STAINLESS, PAINTED, GALVANIZED

SPEED:

30fpm (.15m/s) - 40fpm (.20m/s)

LANDING DOORS OPTIONS:

BI-PARTING, SWING, SLIDE-UP

DOOR FINISH OPTIONS:

STAINLESS STEEL / PAINTED

POWER:

208V-3Phase (S) / 240V-1Phase(O)

LOADING HEIGHT:

36" A.F.F (S)

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PLAN VIEW

PLATFORM SIZE CHART STYLE 2 (S2) CAB ON/OFF OPPOSITE SIDE

MODELS	CAB DEPTH A	CAB WIDTH B	CAB HEIGHT E	HOISTWAY DEPTH C	HOISTWAY WIDTH D	OVERHEAD OH	CAPACITY
HD-S2.CL-242436	24"(610mm)	24" (610mm)	36"(915mm)	32"(813mm)	36" (915mm)	104" (2.6m)	200lbs (90kg)
HD-S2.CL-242442	24"(610mm)	24"(610mm)	42"(1067mm)	32"(813mm)	36"(915mm)	110"(2.8m)	200lbs (90kg)
HD-S1.CL-303030	30"(762mm)	30"(762mm)	30"(762mm)	38"(965mm)	42"(1067mm)	102"(2.5m)	250lbs (113kg)
HD-S1.CL-303036	30"(762mm)	30"(762mm)	36"(915mm)	38"(965mm)	42"(1067mm)	102"(2.5m)	300lbs (136kg)
HD-S2.CL-363630	36"(915mm)	36"(915mm)	30"(762mm)	44"(1118mm)	48"(1219mm)	98"(2.4m)	350lbs(159kg)
HD-S2.CL-363636	36"(915mm)	36"(915mm)	36" (915mm)	44"(1118mm)	48"(1219mm)	104"(2.6m)	400lbs (182kg)
HD-S2.CL-363642	36"(915mm)	36"(915mm)	42"(1067mm)	44"(1118mm)	48"(1219mm)	110"(2.8m)	450lbs (205kg)
HD-S2-CL-363648	36"(915mm)	36"(915mm)	48"(1219mm)	44"(1118mm)	48"(1219mm)	120"(2.9m)	500lbs (227kg)

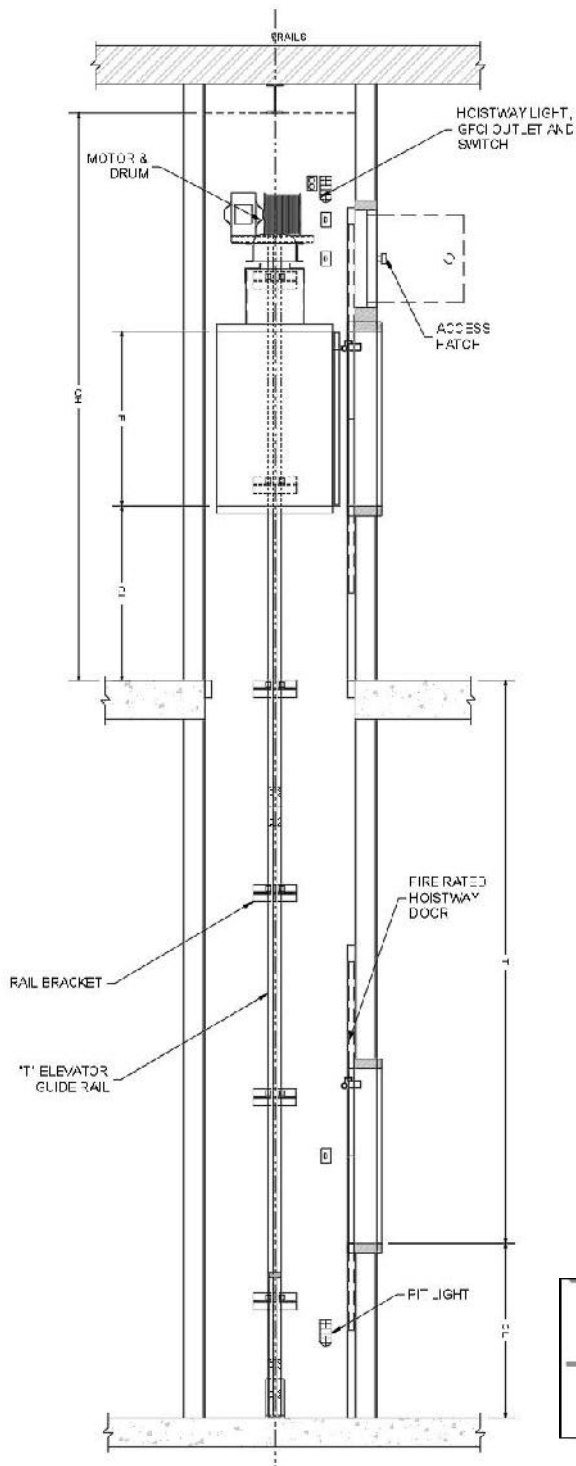
CUSTOM SIZES ALSO AVAILABLE , PLEASE CONTACT US FOR MORE INFORMATION

NOT FOR CONSTRUCTION, SAMPLE LAYOUT ONLY CL = Counter Loading | S= Standard | O= Optional | OH= Upper Floor to Top of Motor Height

REACTION LOAD TO BE CALCULATED AS PER PROJECT SHOP DRAWINGS (**Max travel for 500lbs (227Kg) unit is 31ft)

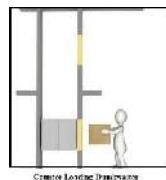
Notes:

Section view- Ceiling height at upper-level counter loading Dumbwaiter

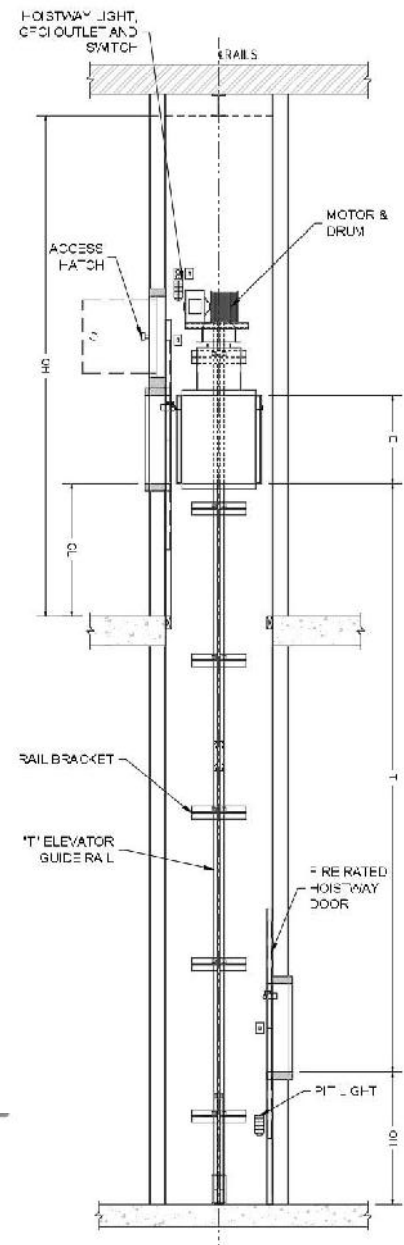
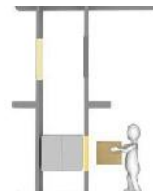


MINIMUM OVERHEAD REQUIRED	
CAB HEIGHT	MIN OVERHEAD
E	OH
20" (508mm)	96" (2.4m)
24" (610mm)	96" (2.4m)
30" (762mm)	100" (2.5m)
36" (915mm)	104" (2.6m)
42" (1066mm)	110" (2.8m)
48" (1219mm)	116" (2.9m)
Custom	
Counter loading 36" (915mm) (Std)	

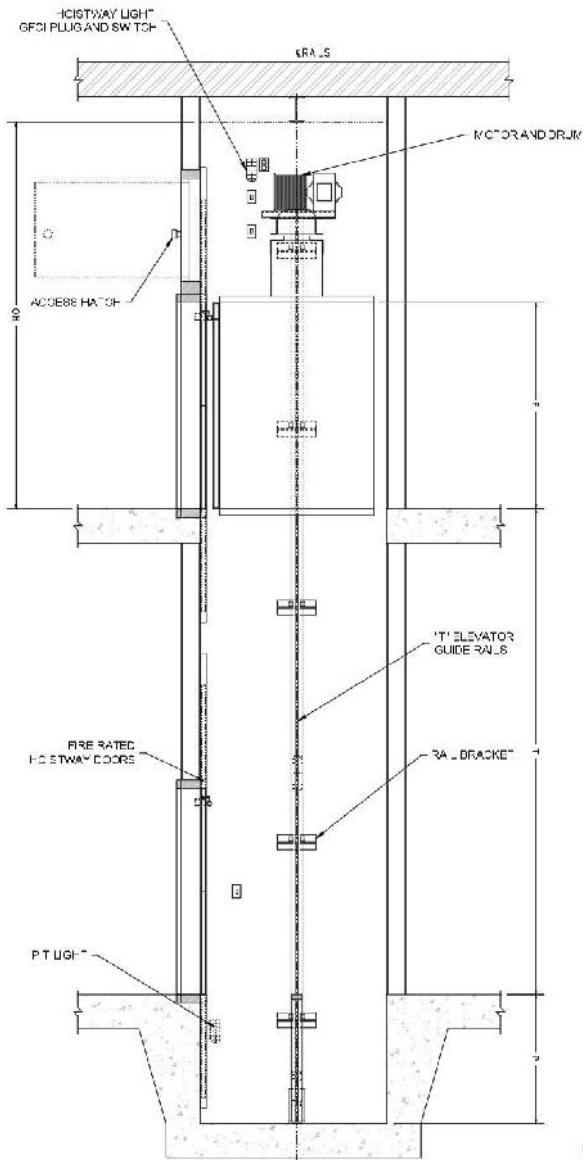
Style 1



Style 2

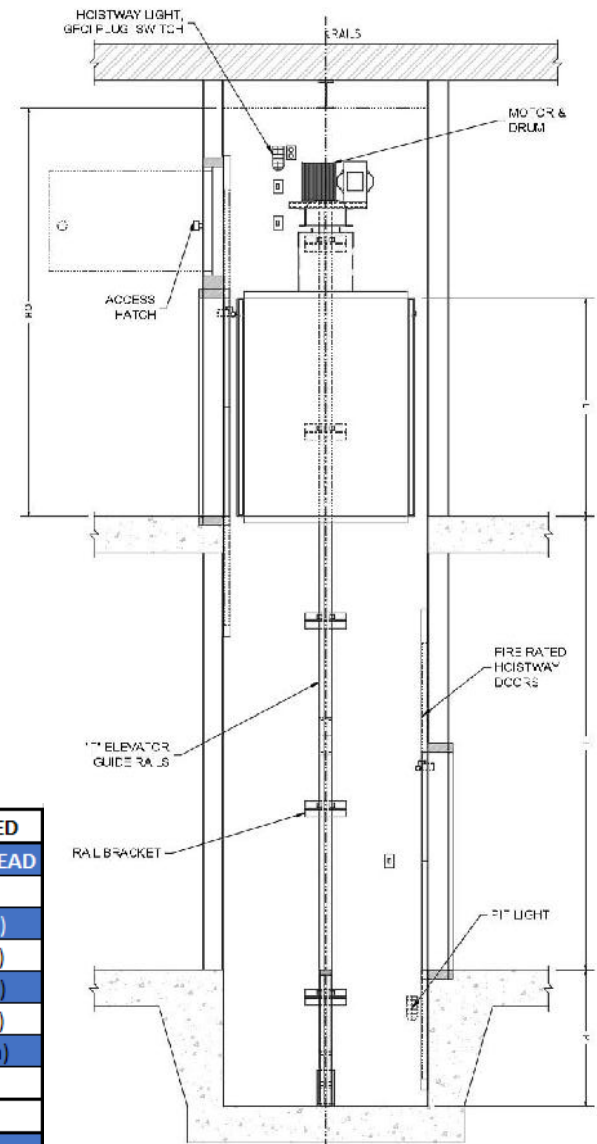


Section view- Ceiling height at upper-level Floor loading Dumbwaiter



Floor Loading Dumbwaiter

MINIMUM OVERHEAD REQUIRED	
CAB HEIGHT	MIN OVERHEAD
E	OH
20" (508mm)	60" (1.5m)
24" (610mm)	60" (1.5m)
30" (762mm)	64" (1.6m)
36" (915mm)	68" (1.7m)
42" (1066mm)	74" (1.9m)
48" (1219mm)	80" (2m)
Custom	
Floor loading height, landing area	
Requires 84" (2.1m) min	



Dumbwaiter with Steel Structure ("Dumbwaiter-in- a-Box")

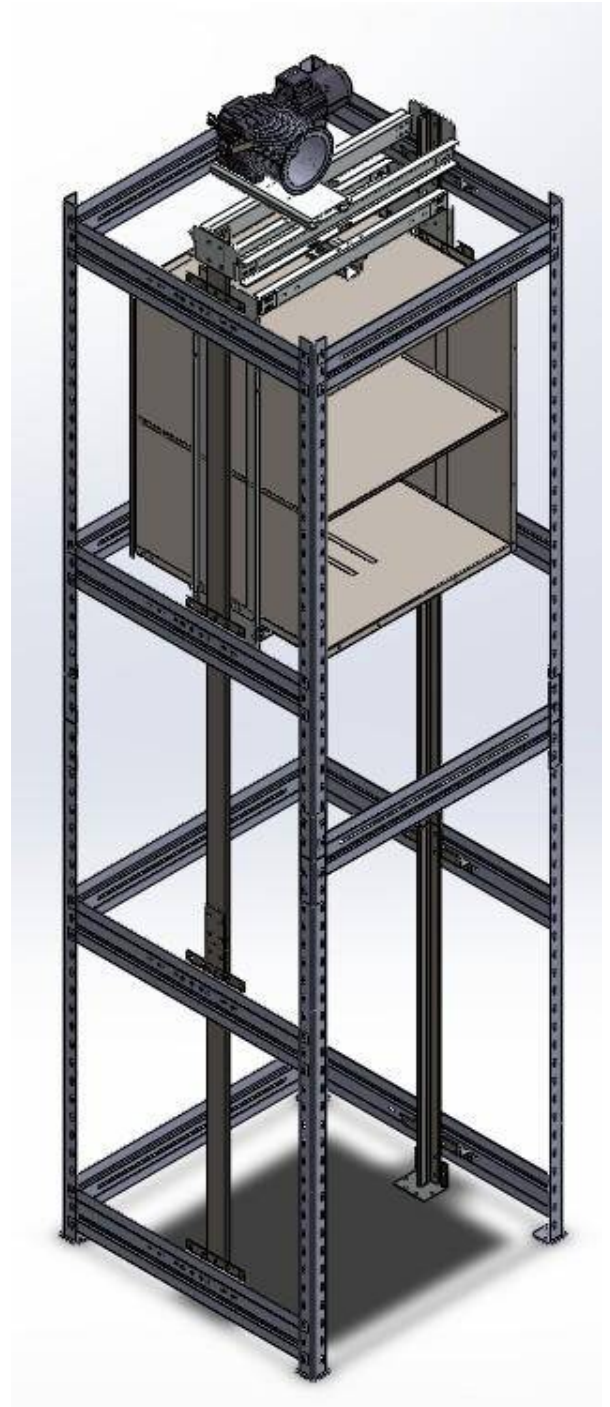
Self-Supporting Steel Hoistway Dumbwaiter

A self-supporting steel hoistway dumbwaiter is a complete vertical transportation system. It is supplied with an integrated structural steel enclosure that helps eliminate the need for a conventionally constructed masonry or a framed shaft. Such a system can greatly reduce installation times and construction costs. It can also help in the reduction of cumbersome and time-consuming coordination between various trades.

The engineered steel structure serves as the hoist way as well as the support framework for the dumbwaiter equipment. It provides a compact, durable and code-compliant installation for new constructions and retrofit applications. It is available in fire-rated and non-fire-rated configurations and can be installed in restaurants, hotels, healthcare facilities, offices, schools and residential buildings. This self-supporting dumbwaiter is an ideal option for wherever the efficient movement of food, supplies, documents and materials between floors is a requirement. Simply attach to the lower floor and floor joist; no additional structural support is required.

Steel Structure benefits

- No conventional shaft construction required
- Faster installation and reduced project schedules
- Single-source responsibility for lift and shaftway
- Ideal for retrofit and renovation projects
- Available in fire-rated and non-fire-rated designs
- Reduced coordination between trades
- Factory-engineered and code-compliant system
- Lower overall construction costs



Self-Supporting Steel Hoistway.

“Dumbwaiter-in-a-Box” — integrated structure and dumbwaiter system.

A self-supporting steel hoistway dumbwaiter is supplied with an integrated structural steel enclosure. The source guide describes the structure serving as the hoistway and support framework for the dumbwaiter equipment.

Benefit	Product Value
No conventional shaft construction	Can reduce coordination with conventional masonry/framed shaft construction.
Faster installation	Factory-supplied structure can simplify installation sequencing.
Single-source responsibility	Lift and steel hoistway supplied as an integrated system
Retrofit friendly	Source guide identifies renovation and retrofit applications.
Fire-rated / non-fire-rated options	Available configurations are identified in the source guide.
Reduced trade coordination	Integrated structure can reduce field coordination
Reduce size	Reduce overall size required for hoistway

Important: Structural attachment, cladding, fire-resistance construction and final anchorage requirements must be confirmed for the specific project. Do not treat the planning guide as structural engineering.

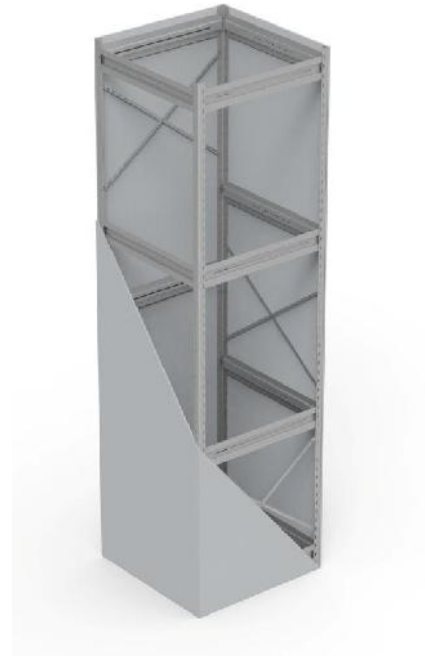
Typical applications

Restaurants • Hotels • Healthcare • Offices • Schools • Institutional and commercial buildings • Retrofit and renovation projects.

Two Models to choose from

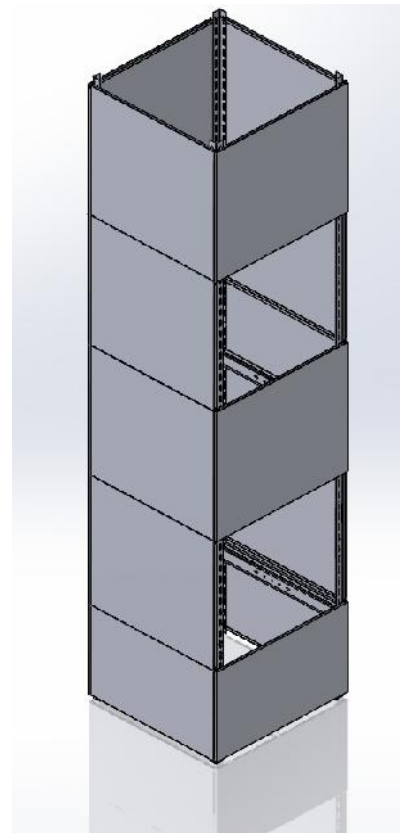
Steel Structure Hoistway only (SSH).

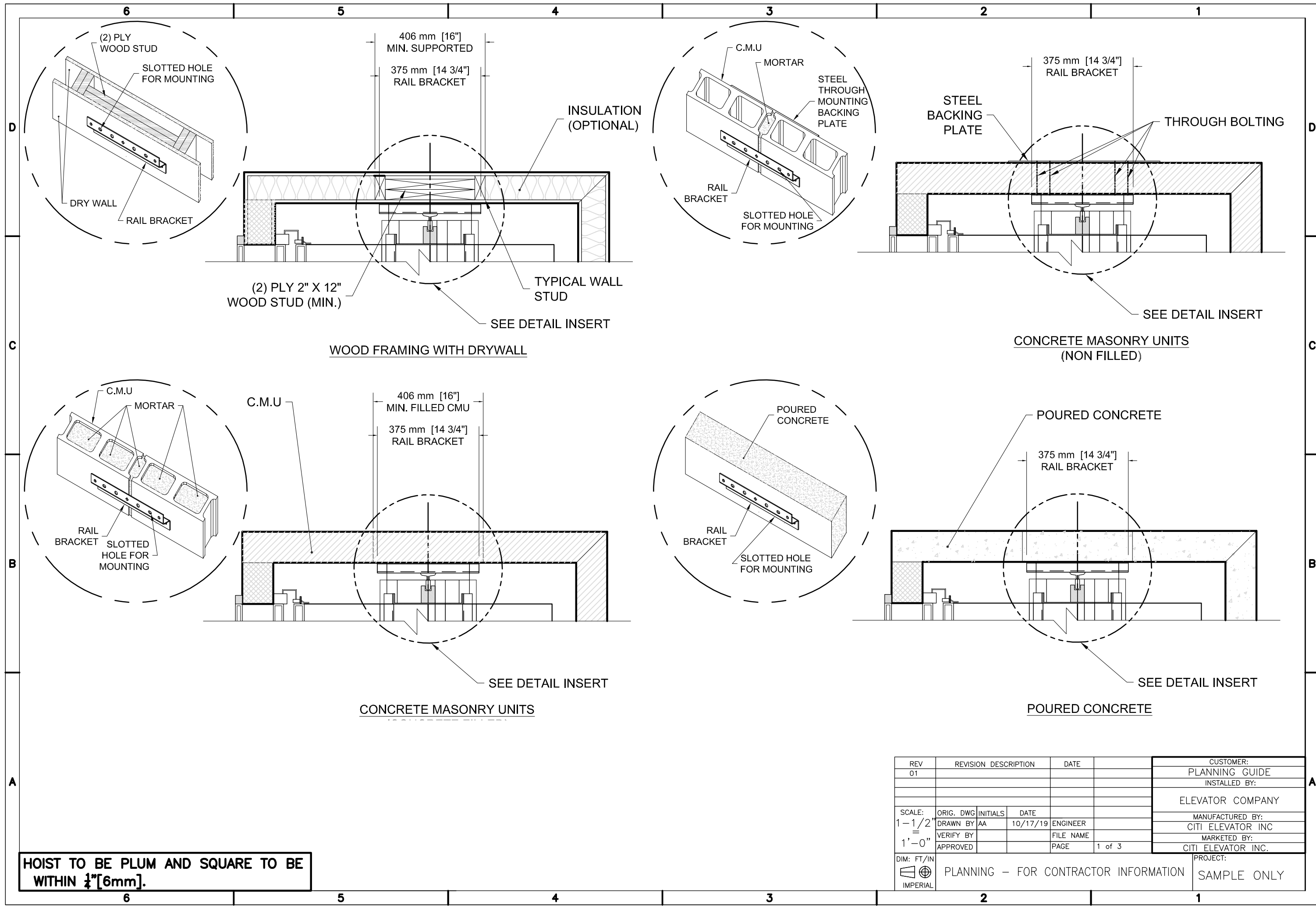
For fire rated and non-fire rated application. Unit is provided with self-supporting structure to be cladded by others with Drywall or other material.



Steel Structure with Panels (SSP)

For Non fire rated application. We Provide the Steel structure and panels to cover the hoistway structure.





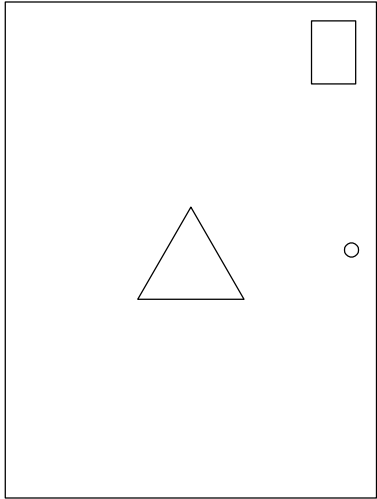
REV		REVISION DESCRIPTION		DATE		CUSTOMER:	
01						PLANNING GUIDE	
						INSTALLED BY:	
						ELEVATOR COMPANY	
						MANUFACTURED BY:	
						CITI ELEVATOR INC	
						MARKETED BY:	
						CITI ELEVATOR INC.	
						PROJECT:	
						SAMPLE ONLY	

SCALE:	ORIG. DWG	INITIALS	DATE	ENGINEER	
1 - 1/2"	DRAWN BY	AA	10/17/19		
=	VERIFY BY			FILE NAME	
1' - 0"	APPROVED			PAGE	1 of 3

DIM: FT/IN	IMPERIAL	PLANNING - FOR CONTRACTOR INFORMATION
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ATTENTION: ELECTRICAL SAMPLE INFORMATION ONLY

CONTROLLER WALL LOCATION



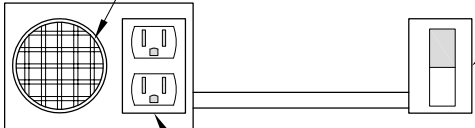
LOCKABLE
FUSED
DISCONNECT

CONTROLLER

NOTE: ELECTRICAL REQUIREMENTS TO BE CONFIRMED
BY ELECTRICAL ENGINEER AND IN ACCORDANCE WITH
ALL LOCAL GOVERNING CODES

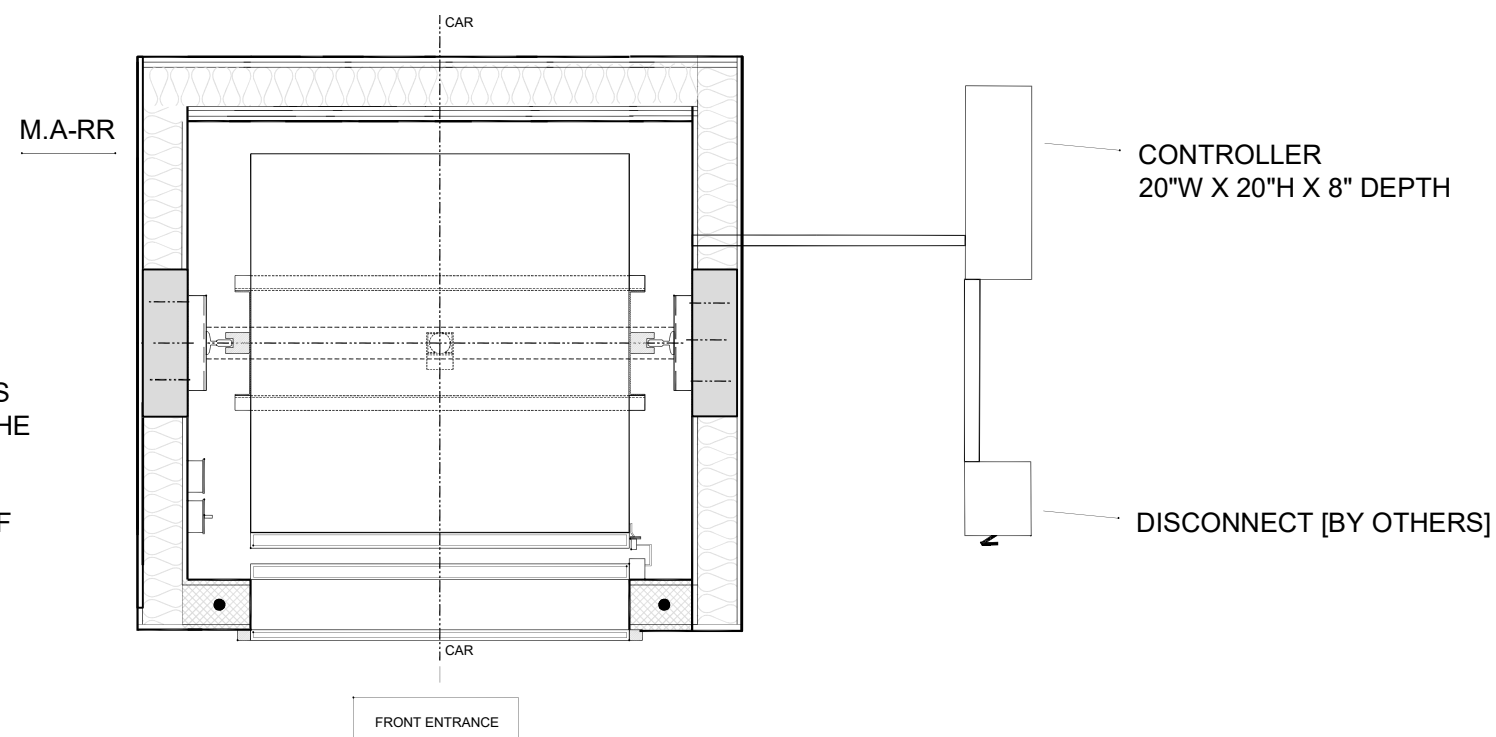
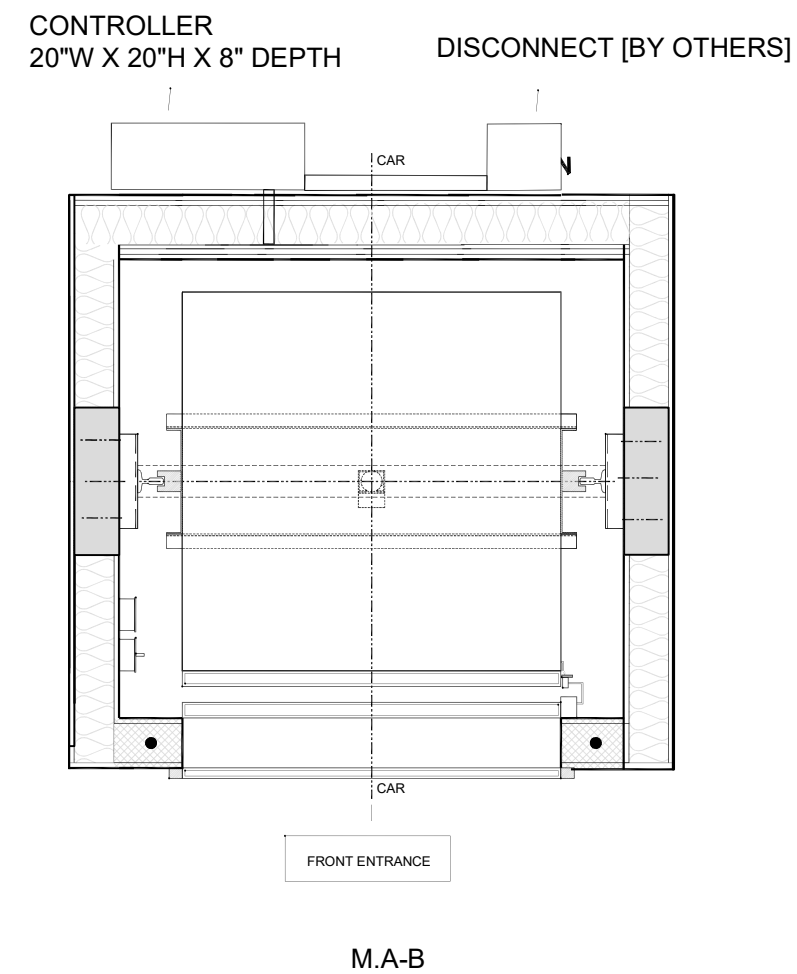
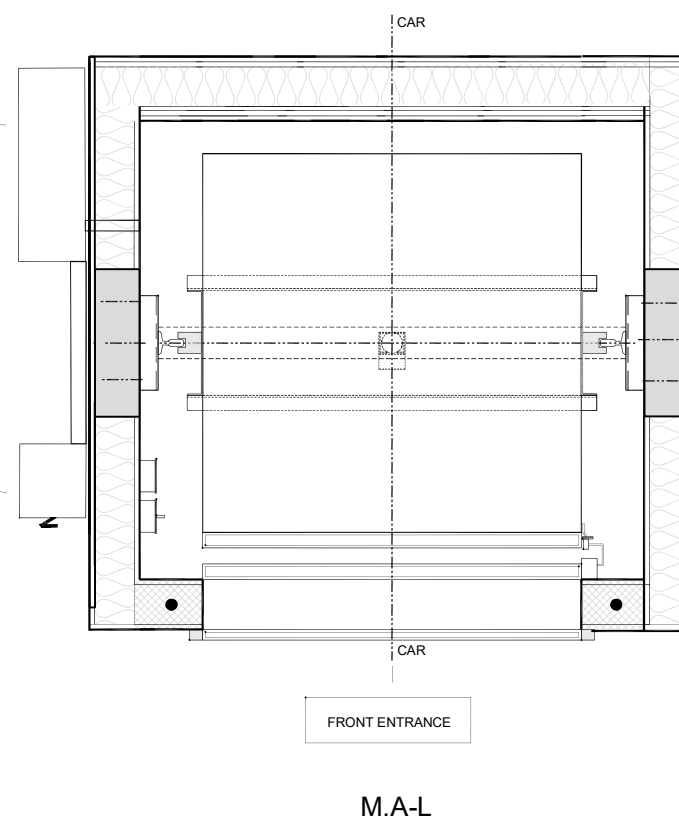
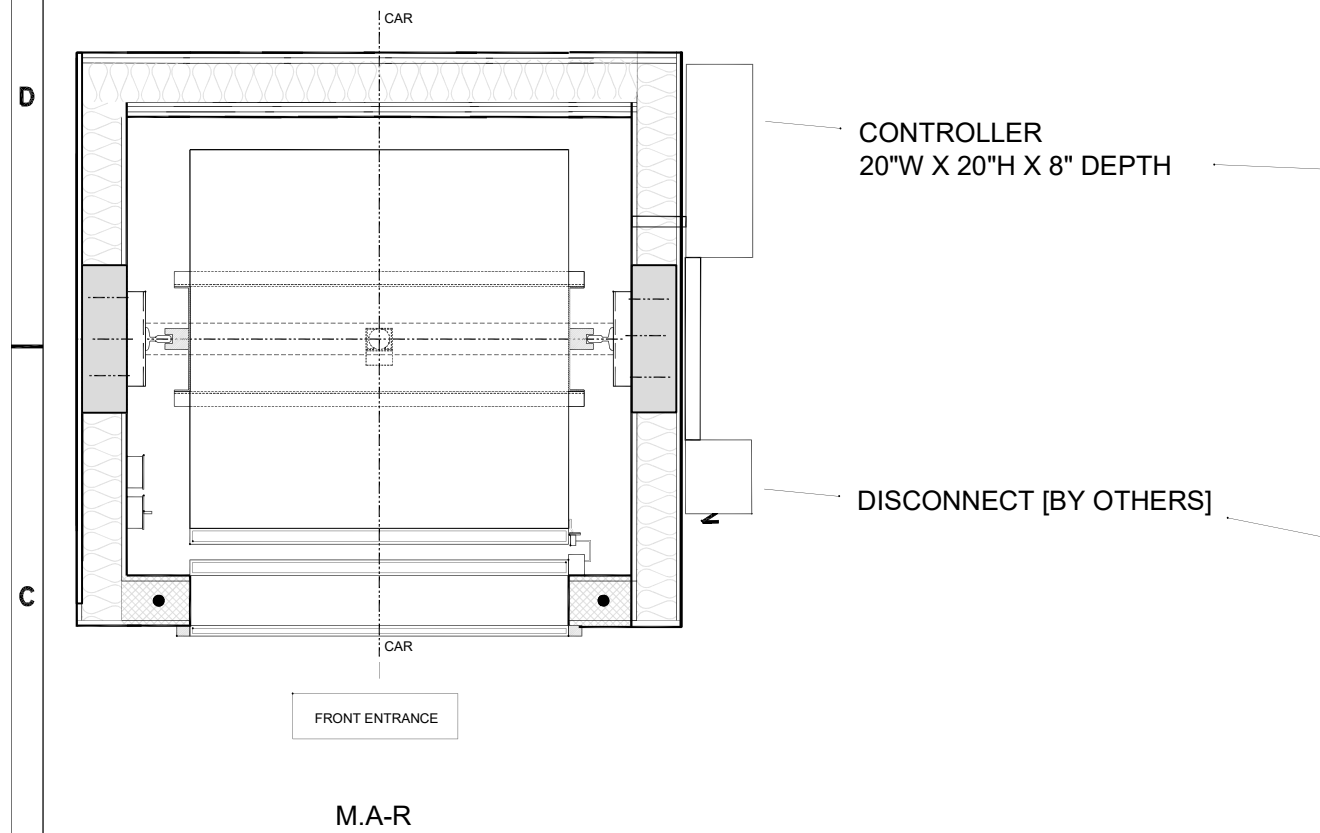
HOIST TO BE PLUM AND SQUARE TO BE WITHIN $\frac{1}{4}$ "[6mm].

HOISTWAY MACHINE REQUIREMENTS



REV	REVISION DESCRIPTION			DATE	CUSTOMER:	
01					PLANNING GUIDE	
02					INSTALLED BY:	
03					ELEVATOR COMPANY	
SCALE:	ORIG. DWG	INITIALS	DATE		MANUFACTURED BY:	
1 - 1/2"	DRAWN BY	AA	10/17/19	ENGINEER	CORNERSTONE SERVICES	
=	VERIFY BY			FILE NAME	MARKETED BY:	
1' - 0"	APPROVED			PAGE	CITELEVATOR LTD.	
DIM: FT/IN				3 of 3	PROJECT:	
 IMPERIAL				PLANNING - FOR ELECTRICAL INFORMATION SAMPLE ONLY		

NOT FOR CONSTRUCTION PURPOSES.
APPROVAL DRAWINGS ONLY



NOTE:

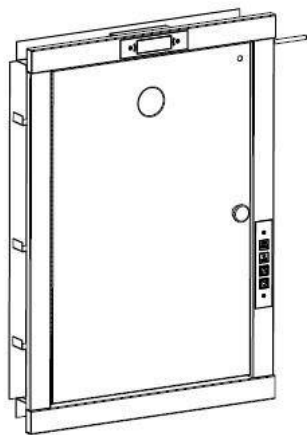
M.A-LR IS SAME AS
M.A-RR EXCEPT THE
MACHINE AREA IS
FOUND ON THE
OPPOSITE SIDE OF
THE ELEVATOR

REV				DATE		MODEL DELTA-D
						HD-S1.FL-242436
						MANUFACTURED BY:
						CITI ELEVATOR INC.
SCALE: 1" = 1'-0"	ORIG. DWG	INITIALS	DATE			
	DRAWN BY					INSTALLED BY:
	VERIFY BY			FILE NAME		
	APPROVED			PAGE		MODELNUMBER:
DIM: FT/IN  IMPERIAL	SAMPLE M.A CONFIGURATION OVERVIEW					ADDRESS:

Commercial Dumbwaiter Fire Rate (FR) door types:

The door prevents items from accidentally entering the hoistway when the dumbwaiter car is elsewhere. An interlock located at each opening prevents the door from being opened if the dumbwaiter car is not waiting at that landing. We offer the following doors made to your specification. Every opening must have a door.

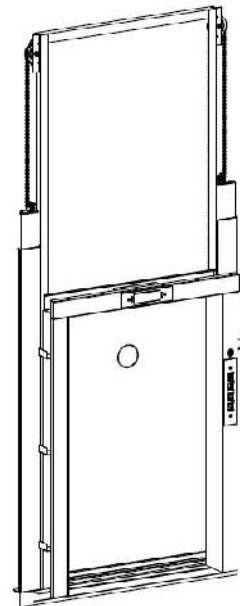
Swing Door (FR)



Bi- Parting Door (FR)



Slid UP Door (FR)



Specification:

Size: 20", 24", 30", 36" Wide

Capacity: 200lbs to 500bs

20", 24, 30", 36, 42" High

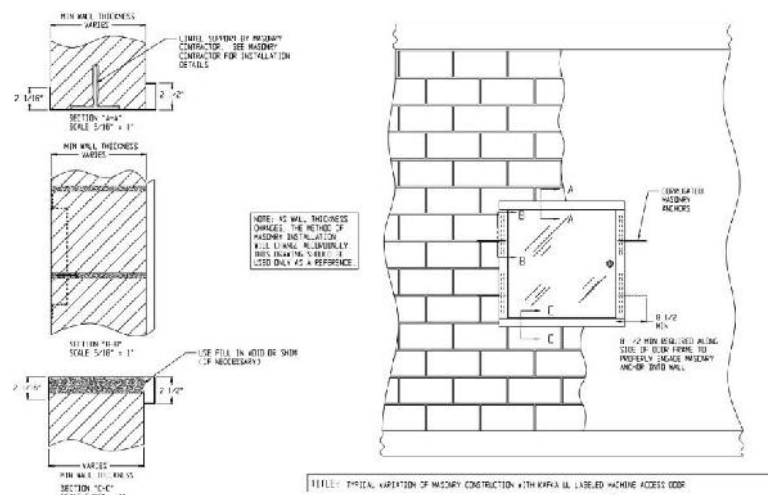
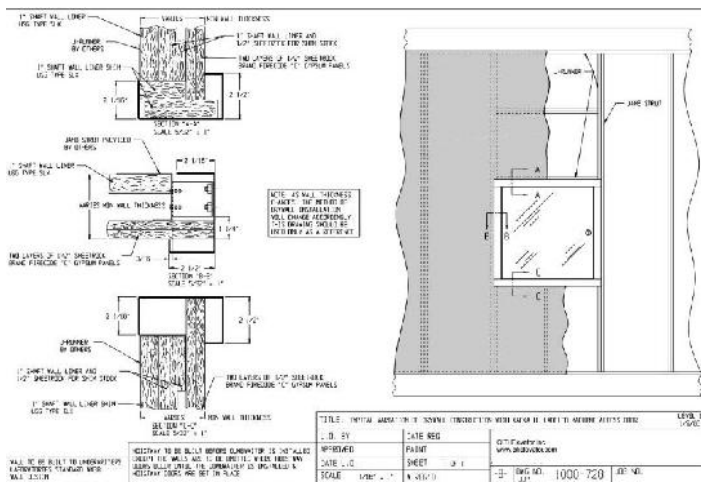
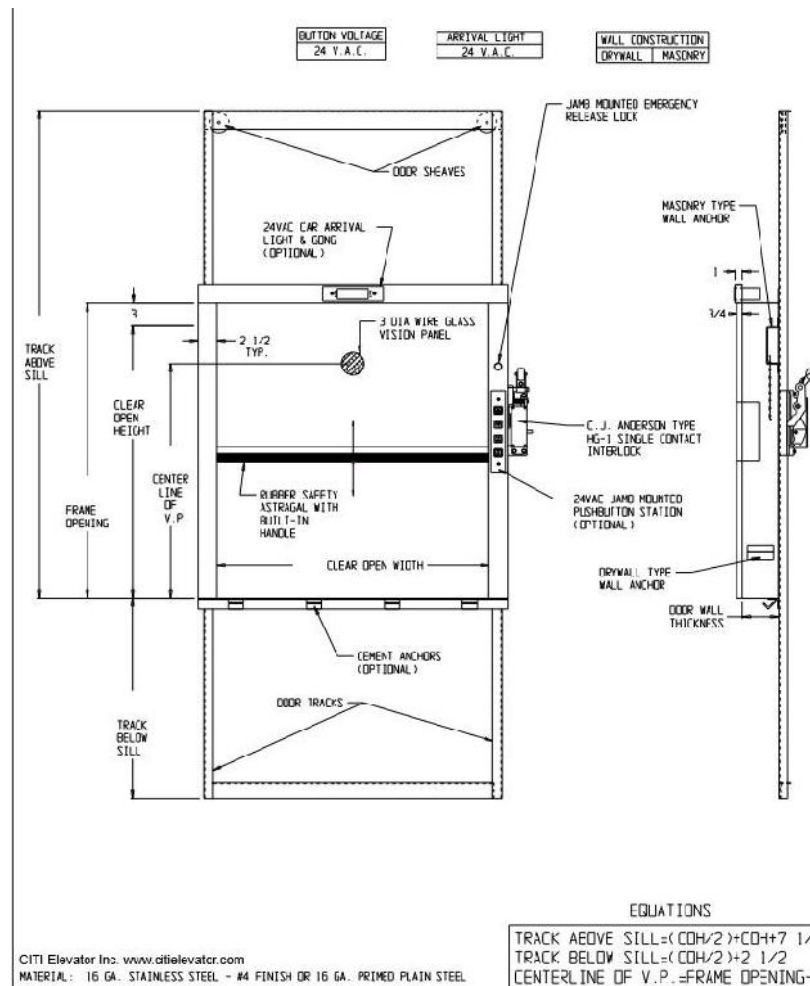
Fire Rating (FR): Up to 1.5 UL/ULC

Finish: Prime Steel or Stainless Steel

CONSTRUCTION/INSTALLATION NOTE!

Hoistway door walls (returns) must not be erected until doors are set in place.

DOOR ATTACHMENT SAMPLE



Use this page to establish the basic dumbwaiter requirements before detailed coordination

Project Name: _____ Location: _____

MAXIMUM CAPACITY

LD MODEL: 150LBS/68KG **HD MODE:** 500LBS/227KG

DELTA DURM DRIME SYSTEM- MAX TRAVEL 35FT (10.7M)

Planning Item	Selection/ Entry
Capacity	100 150 200 250 300 350 400 450 500 Lbs 45 68 91 114 136 159 182 205 227 Kg
Car configuration	S1- Same side S2-Opposite side
Loading	CL- Counter loading FL- Floor Loading
Car size	_____ W X _____ D X _____ H
Number of stops	_____
Total Travel	_____ (Finish floor to Finish Floor)
Hoistway	_____ W X _____ D (Finish inside)
Pit depth (FL only)	_____
Overhead	_____ (At top floor Finish floor to under side of Hoist beam)
Landing doors	Bi-Parting Slid-up Swing
Fire separation	Fire rated Hoistway Non Fire rated
Hoistway Structure	Conventional Hoistway (Wood Drywall, Block, Concrete) SSH SSP
Machine Area	Left Right Back Remote (Floor level _____)
Power	208V-3PHASE (STD) 240V- 1 PHASE (OPTIONA)
Cab finish	Stainless Steel Galvanized Painted
Door finish	Stainless Steel Painted
Code	CSA/ASME B-44/A17.1 YEAR _____
Below Hoistway	Ground Habitable Space Crawl Space
Hazardous location	No Yes

IMPORTANT — NOT FOR CONSTRUCTION. Final hoistway, structural, door, pit, overhead, machine-area and electrical requirements must be confirmed by project-specific approved shop drawings



PRODUCT – DUMBWAITER – HOISTWAY (Model Type – DW-H)

STANDARDS

To establish a standard for tendering purposes, the drawings and Specifications are based on CITI Elevator (See Model Below) .Tel:416-900-6974(CAN)TEL:716-513-9535(USA)
salesteam@citielelevator.com, www.citielelevator.com

DUMBWAITER(S) Model: (Select One of the following)

Model: Click here to enter text.

Capacity: Click here to enter text.

Code: ASME A17.1/CSA B-44

Loading Level: Choose an item.

Total Travel: Click here to enter text.

Of Stops: Click here to enter text.

Overhead Click here to enter text.

Pit Depth: Click here to enter text.

Hoistway dimensions: Click here to enter text.

Warranty:

Car Inside dimensions: Click here to enter text.

Cab Style:Click here to enter text.

Cab Walls Click here to enter text.

Cab Flooring: Click here to enter text.

Cab Ceiling: Click here to enter text.

Cab lighting:Click here to enter text.

Hall Calls: Click here to enter text.

Car Controls: Click here to enter text.

Cab Gates:Click here to enter text.

Landing doors: Click here to enter text.

Car Operation: Click here to enter text.

Speed: Click here to enter text.

Power Supply: Click here to enter text.

Lighting Power: 120V- 60Hz

Safety Devises: Overs Speed restrictor

Emergency lowering. Click here to enter text.

CITI Elevator offers a complete line of competitively priced Lift & Elevators to provide service for building(s).

CITI Lifts & Elevators come in different sizes and speeds in order to satisfy your every requirement.

A full range of cab and standard entrances options are available on all CITI Lifts and Elevators.