Florida Lifts LLC
P.O. Box 740708
Boynton Beach, FL. 33474-0708

Ph: 561-353-5438
Fax: 561-244-7580
info@floridalifts.com

PURCHASE CONTRACT

FLA16-_____

This contract dated as of _____ is entered into between Florida Lifts LLC, a Florida Limited Liability Company of 1718 Corporate Drive, Boynton Beach, FL 33426 (hereinafter known as "Elevator Contractor"), and Ferrara Group, LLC. whose principal address is 1440 Biscayne Blvd. Miami, FL 33132 (hereinafter known as "Customer"), and shall become effective when signed by both parties and upon receipt of the first payment by Elevator Contractor.

Work to be performed:
Elevator Contractor agrees to provide and install one LU/LA Elevator ("the Work") per the scope of work and specifications attached hereto as Exhibit A.

1. **Purchase Price and Payment Terms:**

The Customer shall pay to Elevator Contractor for the Work specified in Exhibit A of this contract the sum of Forty Three Thousand Five Hundred Dollars ($43,500.00), plus the cost of any Customer Selected Options, if any, the "Purchase Price", in accordance with the following schedule:

- $26,000.00 payment ("first payment") plus the cost of any Customer Selected Options shall be due upon contract signing. The first payment shall be considered a non-refundable deposit which shall become the property of Elevator Contractor should this contract be cancelled by the Customer at any time or should the Customer be in default of this Contract. If this order is canceled by the Customer for any reason, the Customer agrees to reimburse the Elevator Contractor for all costs and expenses incurred in connection with this Contract, which may be in addition to the non-refundable deposit amount.
- $13,000.00 payment ("second payment") of the Purchase Price shall be due upon delivery of the Elevator to the Customers' job location
- $4,500.00 payment ("final payment") of the Purchase Price shall be paid to Elevator Contractor when the installations of the Work are complete.

Customer agrees to permit Elevator Contractor to commence installation within one week of Elevator Contractor's receipt of Work from the factory. If the installation is delayed, halted or interrupted for any other reason beyond the control of Elevator Contractor, (including but not limited to having permanent power at the installation site) the balance due, less the sum of one thousand dollars, is to be paid to Elevator Contractor at that time. The balance of one thousand dollars shall be paid by Customer to Elevator Contractor within 10 days of completion of installation.

Elevator Contractor Initial:_____ Customer Initial:_____

All payments are to be made payable to Florida Lifts LLC and sent to:

Florida Lifts LLC
P.O. Box 740708
Boynton Beach, FL. 33704-0708

Customer agrees to pay late fees at a rate of 1% per month on all amounts past due.

2. **Changes:**

All changes to the Work, or to the Scope of Work shown in Exhibit A, must be agreed to in writing by the Elevator Contractor and Customer in order to be binding and an agreed upon Purchase Price adjustment made as applicable. All changes to the Purchase Price shall be added to, or deducted from, the next payment milestone shown in Paragraph 1 above.

3. **Customer Default:**

Customer acknowledges that this equipment is custom made for this particular installation. If Customer fails to make any payment when due, Customer shall be deemed to be in default of this contract and Elevator Contractor shall be entitled to all remedies provided under the laws of the state of Florida through its adaptation of the Uniform Commercial Code, or otherwise, including but not limited to specific performance.

In the event it becomes necessary for Elevator Contractor to retain legal counsel, or undertake litigation, or to otherwise protect Elevator Contractor's rights under this contract, or to defend Elevator Contractor against claims which are Customer's responsibility, Customer shall pay reasonable attorney's fees and related costs whether or not such litigation proceeds to final judgment.

4. **Risk of Loss and Title to Work:**

Elevator Contractor shall bear all risk of loss to the Work due to fire, windstorm, accident, theft vandalism etc., prior to the commencement of installation of Work at the Customer's job site. Customer shall bear all risk of loss to the Work thereafter.

5. **Delay in Delivery:**

It is intended that delivery and installation take place within eight to ten weeks after the date approval of shop drawings and placement of order with the factory. Since the Work are custom made, a backlog at the factory may cause a delay in delivery. Elevator Contractor assumes no responsibility for such delays nor for failure to deliver Work to Customer on a particular date due to circumstances beyond its control.

6. **Applicable Law:**

This contract shall be governed in accordance with the laws of the State of Florida

Customer Initial_____ Elevator Contractor Initial_____

7. **Successors or Assigns:**

This contract shall be binding upon the successors in interest or assigns of Elevator Contractor or Customer. No Assignment of this purchase contract may be made without the written consent of the other party.

8. **Manufacturer's Warranty:**
The Goods include the manufacturer's standard limited parts warranty to replace defective parts covered under such warranty exclusive of labor. Labor is warranted by the Elevator Contractor for 90 days following installation. The manufacturer's parts warranty may require that the Goods be maintained throughout the warranty period by an authorized manufacturer's representative under a separate maintenance contract. Any warranty is conditioned on written notice to the Elevator Contractor within warranty period and contingent upon receipt of final payment to Elevator Contractor.

9. **Permitting:**

Elevator Contractor will use its customary and normal efforts to assist the Customer in obtaining required permits and approvals to complete the work including preparation and filing of all permit applications but in no way shall be liable for delays or denial of any such permits or approvals. Customer assumes all expenses of any additional requirements mandated by any permitting or other approval authority and not specifically included in the attached Scope of Work.

Elevator Contractor	Customer
Florida Lifts LLC	_____
By_____	By_____
	_____
Date _____	Date _____

Customer Initial_____ Elevator Contractor Initial_____

PURCHASE CONTRACT

FLA16-____

Exhibit A

Scope of Work

The Elevator Contractor hereby agrees to provide all labor and material as necessary to install within the Customer provided shaft one commercial lift at the following job location and in accordance with the work specified herein:

Job Name: **Savaria Orion – Ferrara Group**
2700 Biscayne Blvd
Miami, FL 33137

Contact: Gregorio Dimas
Phone: 305-713-4106
E-mail: gregorio@georgioferrara.com

The elevator specifications are as follows:

1.	Lift:	Savaria Orion Elevator 1400 lb Capacity
2.	Stops:	Two
3.	Hall Call Option:	Keyless
4.	Pit Depth:	14”
5.	Floor to Floor Travel:	138” (NTE 144”)
6.	Total Travel:	240” (to be verified prior to production)
7.	Clear Overhead Required	134” minimum
8.	Power:	208V – 3 Phase 60 HZ
9.	Cab Configuration	Type 3 (on off 90 degrees)
10.	Cab Size:	48”W x 54”L
11.	Cab Height:	84”
12.	Steel Wall Panel Color:	Architectural White
13.	Brushed #4 SS Cab Options:	Optional
14.	Optional Interior Panel:	Optional
15.	Fixtures:	Stainless Steel Car Operating Panel (COP), handrails, and stainless colored light fixtures
16.	Floor Recess Thickness:	5/8”
17.	Push Button Markings:	1,2
18.	Telephone:	Hands Free phone in COP(requires dedicated phone line –by others)
19.	Cab Gates/Doors	Two Speed Horizontal Sliding Cab Door (w/light curtain sensor) (2 ea) (Architectural White)
20.	Landing Doors:	Two-Speed Sliding Door (2 ea) (Primer/ Paint Ready Grey)
21.	Hoistway Finish:	Concrete
22.	Landing Door Locations:	Level 1:A/RH, Level 2:A/RH
23.	Keyed Hoistway Access:	Yes - required
24.	Machine Room Location:	Back
25.	Hose & Safety Valves:	No

Customer Initial_____ Elevator Contractor Initial_____

26. Fasteners for Rail Brackets: Concrete Anchors
27. Main Egress Floor: Level 1
28. Rail Sections: 16 Feet
29. Fireman Service: Yes, Phase I
30. Elevator Corridor Signage: "In Case of Fire Do Not Use Lift" (COP and hall requirements)
31. Overspeed Devices: Yes, Overspeed Valve

OPTIONS:

1) Upgrade to #4 stainless steel finish in cab, ceiling, and door frames **$5,500.00 _____**
Customer Initials

2) Upgrade to #4 stainless steel finish on landing doors and car doors **$3,000.00 _____**
Customer Initials

Customer Selected Options to be Included in First Payment

Work to be performed by others:

Hoistway and Pit:

1. Construction of hoistway and pit in accordance with National US/ASME applicable code, all state and local codes.
2. Due to close running clearances, Customer must ensure hoistway and pit are plumb, level and square and is in accordance with dimensions on specified in the shop drawings including pit depth and the minimum overhead clearance.
3. Installation of sleeves for oil and electrical line from machine room to hoistway as required.
4. Machine room doors and hardware are to be supplied and installed by others. Finish work around doors to be done by others.

Electrical:

1. Customer is to provide 208Volt Three -Phase power supply with fused lockable disconnect (with auxiliary contact) on a dedicated circuit and a 110 volt power supply with a fused lockable disconnect on a dedicated circuit in the machine room
2. Phone line to be provided in machine room location.\

Machine Rooms and Doors:

1. Construction of Machine Room in accordance with National US/ASME applicable code, all state and local codes.
2. Machine room is to be located as close as possible to hoistway and have a light and GFI receptacle.
3. Customer to provide separate, dedicated phone line.
4. Painting and finishing of all Landing and Cab doors if stainless steel option is not selected.

Structural:

1. Structural engineer to ensure that building and shaft will support all loads imposed by the lift equipment.

In the event of any conflict between these specifications and the shop drawings, the shop drawings shall prevail.

savaria®

ORION™

LIMITED USE / LIMITED APPLICATION ELEVATOR

Planning Guide

Limited Use / Limited Application Elevator

Applicable Codes:

ASME A17.1 Section 5.2
CAN/CSA B44

Part No. 000682
12-m03-2014

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GENERAL

This planning guide is designed to assist architects, contractors and lift professionals in planning for a Orion Elevator to meet the requirements of ASME A17.1 Section 5.2 and CAN/CSA B44.

This unique elevator is designed to help solve accessibility problems in commercial buildings, and meets state and national codes covering the Limited Use/Limited Application (LULA) elevators.

We strongly recommend you contact the Authority Having Jurisdiction (AHJ) in the region where the equipment will be installed. Become familiar with all requirements governing the installation and use of elevators in public and private buildings. It is extremely important for you to know and adhere to all regulations concerning installation and use of elevators.

DOCUMENT REVISION HISTORY

Initial Release - September 1, 2006
Revised - May 22, 2008
Revised - December 4, 2009
Revised - March 12, 2010
Revised - November 3, 2010
Revised - December 7, 2011
Revised - November 14, 2012
Revised - July 9, 2013
Revised - August 19, 2013
Revised - October 21, 2013
Revised - November 29, 2013
Revised - March 12, 2014

IMPORTANT NOTICE

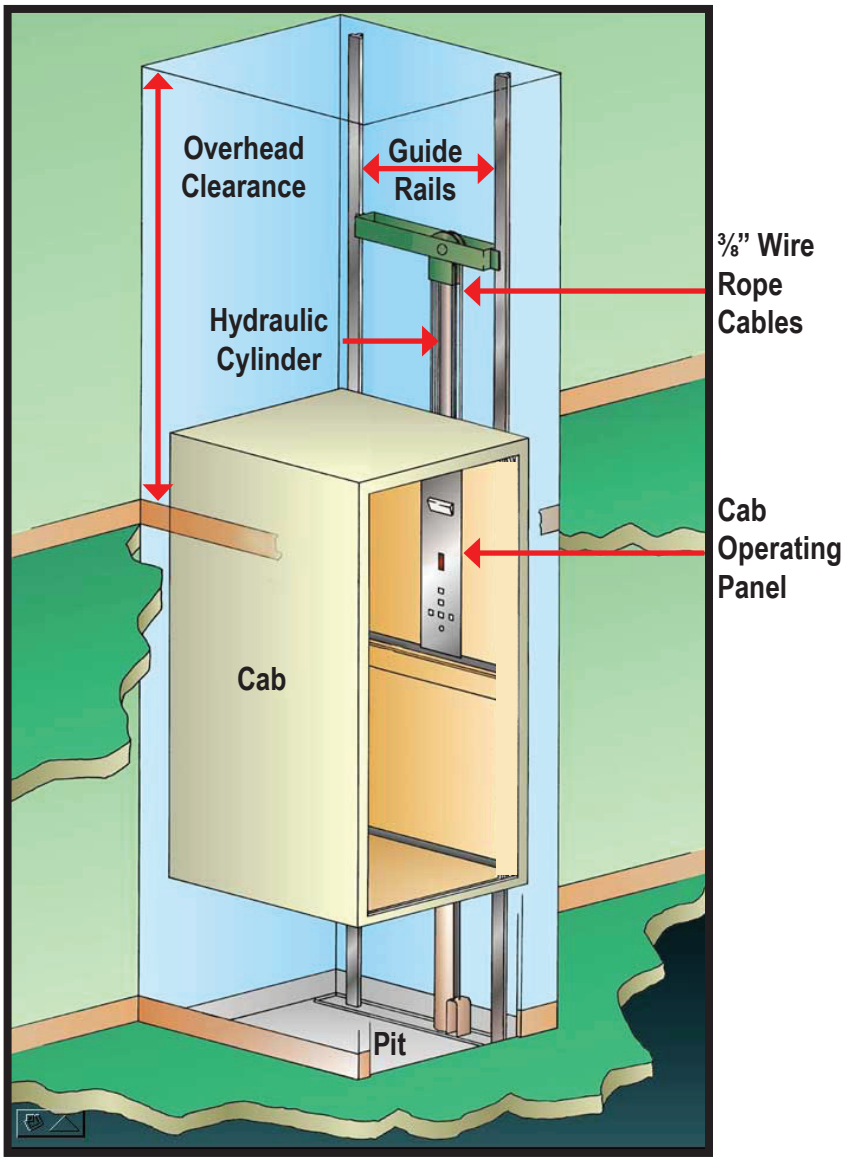
This Planning Guide provides nominal dimensions and specifications useful for the INITIAL planning of an elevator project. BEFORE beginning actual construction, be sure to receive application drawings customized with specifications and dimensions for your specific project.

Lift configurations and dimensions are in accordance with our interpretation of the standards set forth by AASME A17.1 - 2004 Section 5.2 and CAN/CSA B44 - 04. Please consult Savaria or the authorized Savaria dealer in your area for more specific information pertaining to your project, including any discrepancy between referenced standards and those of any local codes or laws (AHJ).

The dimensions and specifications in this Planning Guide are subject to change (without notice) due to product enhancements and continually evolving codes and product applications.

- Determine customer’s intention for use.
- Determine code requirements of site.
- Determine installation parameters of site.
- Use page 6 to determine the car type and hoistway size requirements.
- Use pages 7, 8 and 25 to plan for machine room and electrical requirements.

PRODUCT DESCRIPTION



Orion in Hoistway

Meets (ADA) Americans with Disabilities Act Requirements

The Orion meets the requirements of the ADA Accessibility Guidelines as a means to provide public building access.

Design Assistance

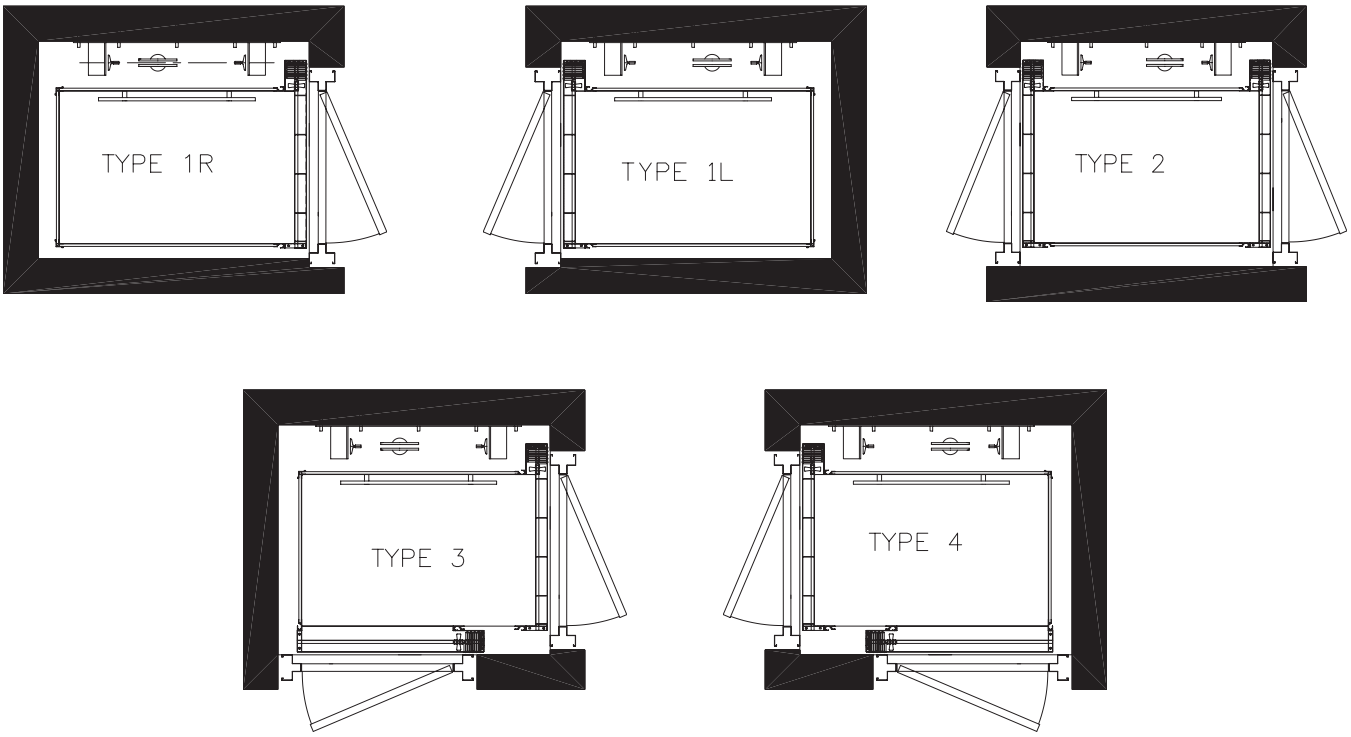
With over 30 years of experience. Savaria has the expertise to provide solutions to practically every design challenge you face. Please call our Customer Service Department for professional advice at (800)661-5112 or (905)791-5555.

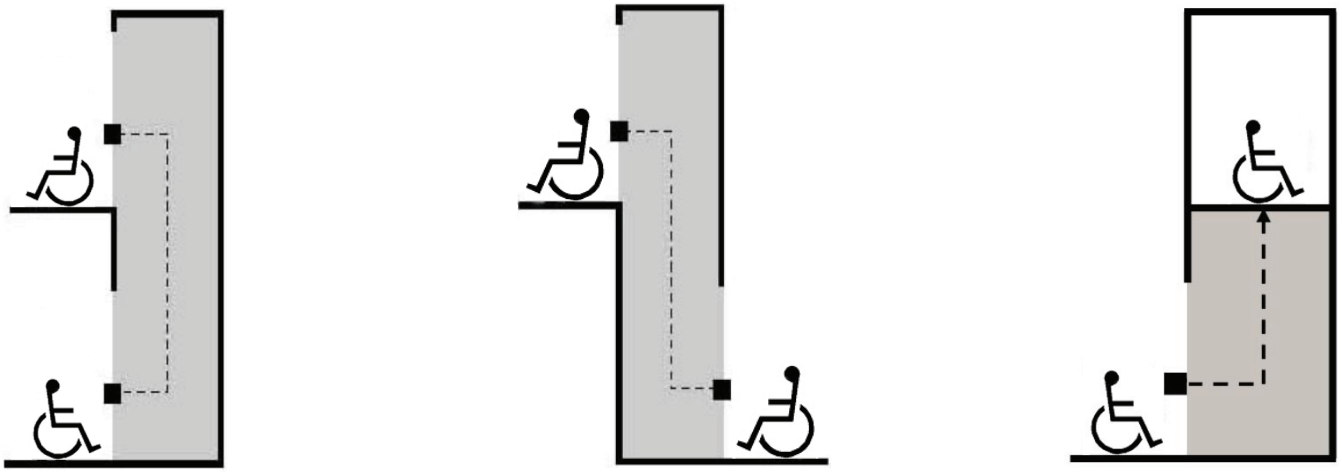
ORION LU/LA ELEVATOR SPECIFICATIONS

Load Capacity	1400 lb (635 kg)
Rated Speed	30 fpm (0.15 mps)
Power Supply (circuit by others)	208 Volt, three-phase, 30 Amps, 60 Hz or 240 Volt, single-phase, 40 Amps, 60 Hz
Lighting Supply (circuit by others)	115 Volt, 15 Amps, 60 Hz
Drive System	1:2 cable hydraulic with slack cable safety device 5 hp submersed motor Two ⅜" diameter steel aircraft cables Rope wedge sockets
Cab Size	W48" x 54" x H84" (1219 mm x 1371 mm x 2134 mm), Type 1, 2, 3, 4 W42" x L60" x H84" (1067 mm x 1524 mm x 2134 mm), Type 1, 2, 3, 4 W54" x L54" x H84" (1371 mm x 1371 mm x 2134 mm), Type 1, 2 W51" x L51" x H84" (1295 mm x 1295 mm x 2134 mm), Type 3, 4
Cab Panel Finish	Steel panel cab with optional laminates
Maximum Travel	18 inches (457 mm) to 25 feet (7.6 m) ANSI, up to 40 feet residential and CSA
Control System	Automatic user interface; Programmable Logic Controller (PLC)
Noise level (typical installation)	73.2 dBA; measured at a height of 1m, distance of 1m, in front of tank, in closed machine room
Maximum machine room temperature	120 degrees F (49 degrees C)
Levels and Openings	Up to 6 stops (maximum 6 landing doors on all cab types)
Pit Depth Required	14 inches (355 mm) minimum up to 96 inches (2438 mm)
Minimum Overhead Clearance	120 inches (3048 mm) for existing construction, 134 inches (3404 mm) for new construction
Hall Station and Control Panel Finish	Rectangular stainless steel (standard) or brass (optional)
Standard Features	8 lb/ ft or 16 lb/ft T-rail system Anti-creep device Architectual white ceiling Automatic cab ON/OFF lighting Car top stop switch and car top prop (where required) Data plates, capacity tags and rope tags Digital floor and directional indicator Emergency manual lowering, stop key switch and alarm buttons Emergency battery back-up for lighting, alarm and emergency lowering Floor specific battery lowering Illuminated cab operating buttons Limited warranty covers the repair or replacement of any defective parts for a period of 36 months from date of shipment Magnetic floor selection, stopping and re-levelling Manual reset slack rope safety switch Maintenance pit props Pit switch Pit clearance switch Presentation drawings Pump run timer Rail sections (8 ft standard or 16 ft optional) Recessed incadescent down lights in stainless steel or brass color Recessed plywood floor Two 12 V, 4 AH, sealed no maintenance batteries with 24 V, 4 Amp Smart Charge™ battery charge Variable speed pressure compensated valve with manual lowering Upper and lower terminal limits
Options	2 speed sliding doors for drywall or Masonry hoistway finish 2 speed steel doors with infrared closing sensors in black, architectural white or stainless steel Steel panels with plastic laminate in a variety of colors 15 ft, 20 ft, or 25 ft hose with flow control 90 degree entry/exit cab Automatic cab gate operator and automatic hoistway door operator Automatic home landing to pre-selected floor Brass COP, hall call stations, handrail and recessed down lights Buffer springs, 15" (381 mm) minimum pit depth required Conductor cable for hoistway to pump wiring, 40 ft (12.19 m), 60 ft (18.29 m) or 80ft (24.38 m) Fire rated manual or automatic swing doors with automatic or manual accordion style cab gates (dependable on applicable code year) firefighter service - phase 1 and 2 (dependable on applicable code year) Flow control, overspeed valve and pipe rupture valve Hands-free telephone Overspeed governor Fire recall service Raised plastic laminated panels in a choice of 7 colors Recessed stainless steel or brass telephone cabinet

The Orion meets the requirements of multiple ASME A17 code years for a LU/LA Elevator. Contact sales for further information.

CAB TYPE SELECTION SHEET



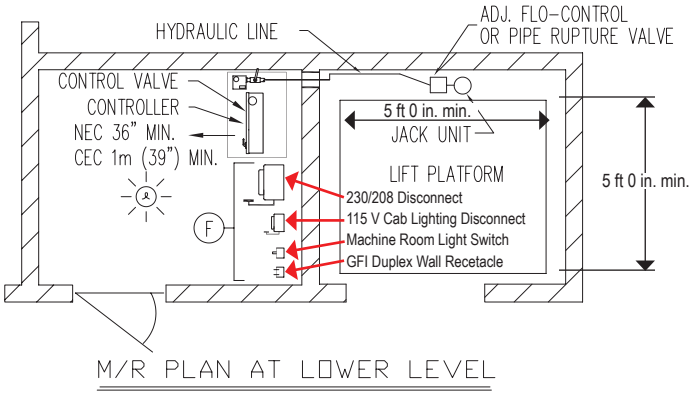


Type 1 Type 2 Type 3 and 4

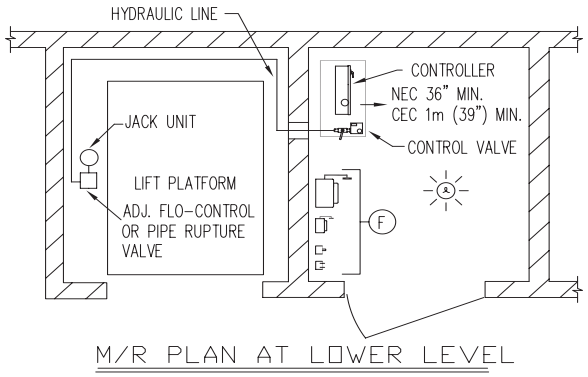
IMPORTANT

Finished hoistway dimensions must include the drywall. Determine the fire rating of the hoistway, the type and layers of sheet rock and build only off the final shop drawings specific to your project.

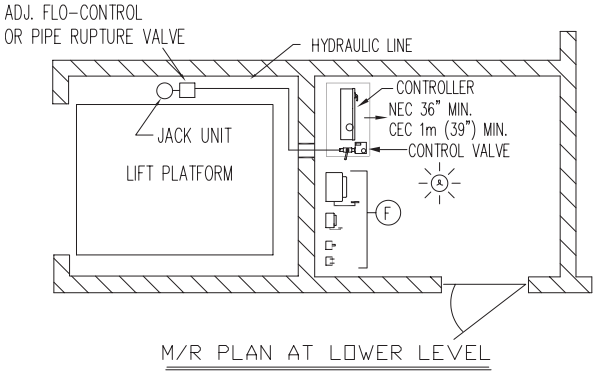
MACHINE ROOM OPTIONS



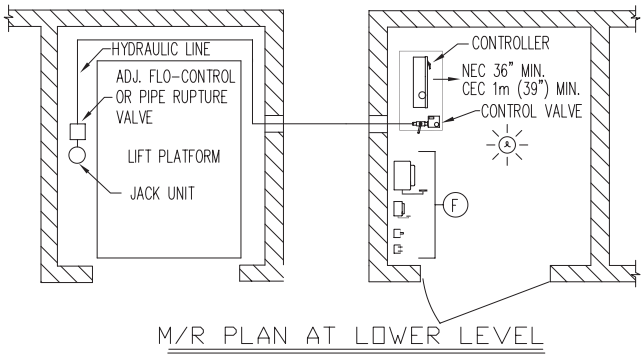
Left Hand Position



Right Hand Position



Back Position

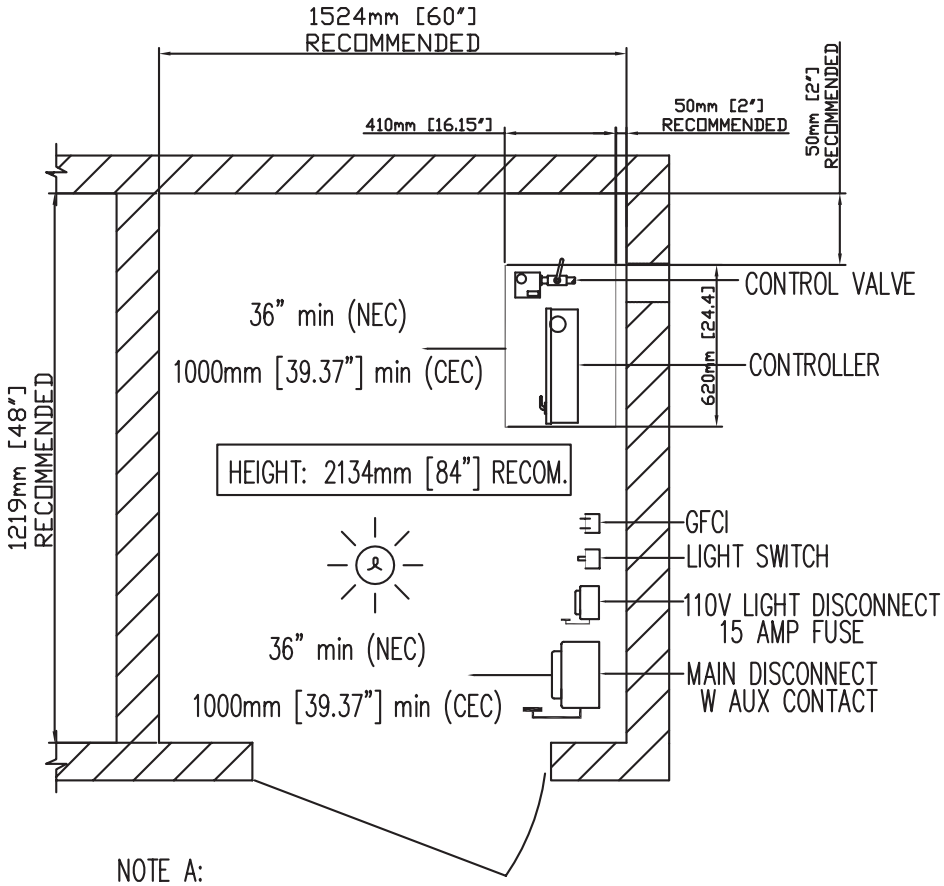


Remote Position

- Machine room must be built in accordance with elevator manufacturer and applicable building codes and regulations. Adequate ventilation is required to maintain a temperature of 50° to 120°F for output of 3600 BTU per hour.
- A convenience outlet of 115 VAC 15 Amp single-phase with G.F.I. shall be located next to the light switch in the machine room (provided and installed by others).
- Provide lockable, in open position, fused disconnect switches located adjacent to the elevator controller. Fusing must be selectively coordinated. Fuse either 208V three-phase w/30 Amp or 240V single-phase w/40 Amp service; fuse 115V for 15 Amp service for cab lighting. (Must comply with applicable codes.)
- The electrical circuit provided shall be either 30 Amp 208V three-phase or 40 Amp 240V single-phase, dedicated circuit with equipment ground. The circuit shall terminate on the line side terminal lugs of the disconnect. The electrical circuit is provided and installed by others.
- Disconnect switch to have auxiliary normally open interlock switch. Interlock equal to Square D EK-300-Z.
- 30" wide x 36" deep work space required in front of the disconnects and the elevator controller.
- Machine room lighting shall be a minimum of 19 foot-candles (204 lux) at working surfaces. The switch for the light must be within 18" of the strike side of the machine room door. The light must be guarded to prevent accidental breakage or contact with the hot bulb. The switch, light, wiring, and guard are provided and installed by others.
- A telephone line circuit is to be provided and installed by others. This circuit shall be brought to the machine room controller in conduit. This circuit must be connected to a dedicated outside line or a 24 hour central exchange.
- The elevator controller/pump unit dimensions - 27.5" wide x 62.8" high x 16.15" deep with 39" clear space in front.
- Machine room access door must be self closing, self locking, key locked and have a spring return latch.
- Consult local building codes for door construction. The door and hardware are both provided and installed by others.
- Machine room is required to be free of all pipes, wiring and obstructions not related to the operation of the elevator. Provide a 4 inch conduit from the lift shaft to the remote machine room.

MACHINE ROOM DIMENSIONS

IMPORTANT NOTE:
CONFIRM REQUIREMENTS WITH LOCAL CODE

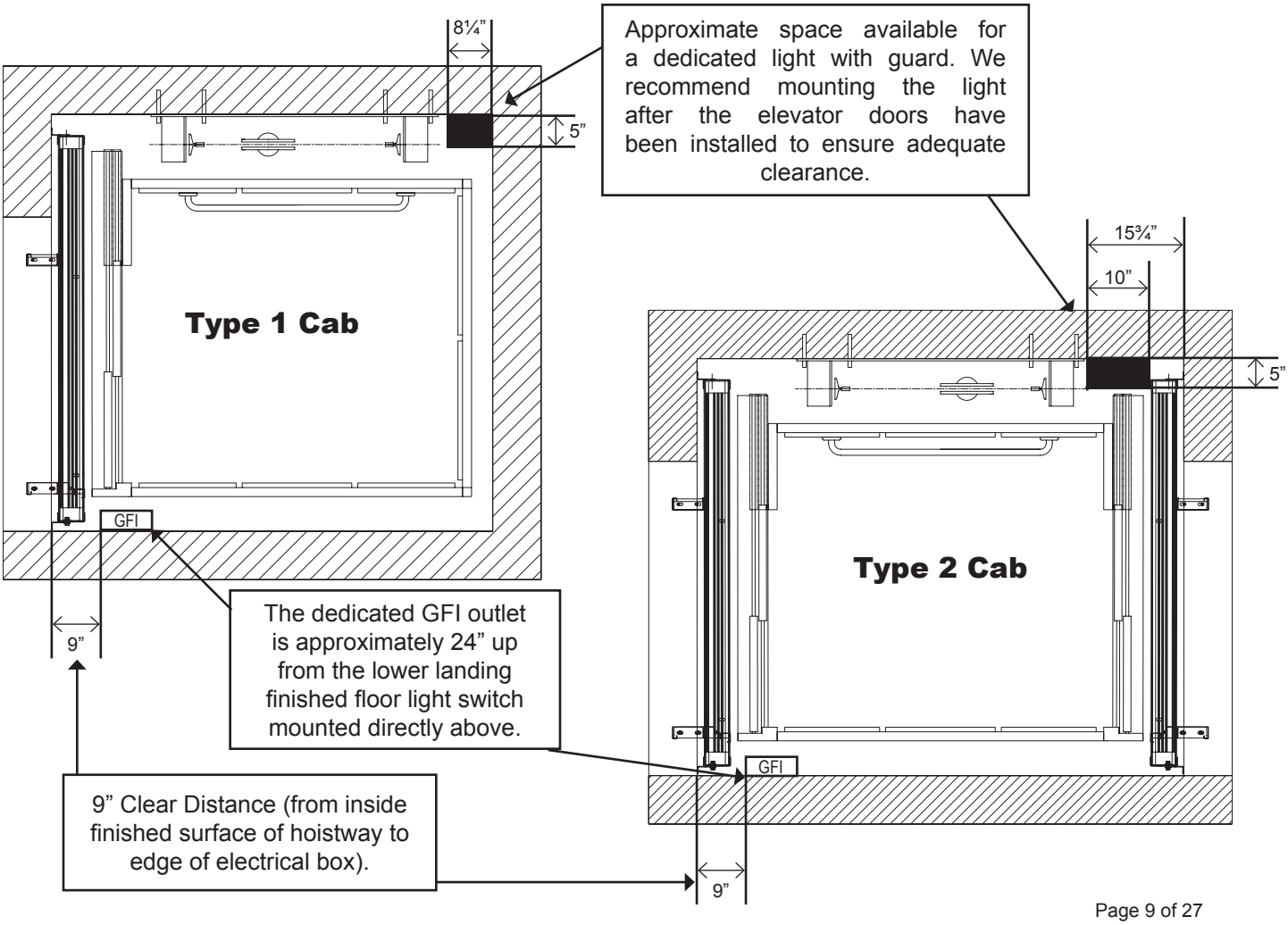


NOTE A:
POSITION OF DOORS AND COMPONENTS CAN VARY
AS LONG AS THE MINIMUM DISTANCE IN FRONT OF COMPONENTS IS RESPECTED

NOTE B:
A RACEWAY BETWEEN THE MACHINE ROOM AND HOISTWAY WILL NEED TO BE PROVIDED.
CONSULT YOUR INSTALLATION COMPANY FOR SIZE AND LOCATION

HOISTWAY AND PIT ELECTRICAL NOTES

- A load bearing wall is required to sustain rail reactions. See page 18 for rail reactions.
- Suggested hoistway pit floor construction consists of an 8“ (203 mm) concrete slab poured on a natural or compacted soil with a minimum allowable bearing pressure of 1.0 KSF.
- The minimum compressive strength of the concrete at 28 days must be no less than 3000 PSI. #5 reinforcing steel (grade 60) must be placed at the bottom of the slab in 2 traverse directions and at a spacing of 12“ (305 mm).
- Hoistway pit floor to support a load of 10 kips (10,000 lbs)/44.48KN (includes impact).
- **120“(3048 mm) overhead clearance** required above the top landing floor with top prop **(existing construction)**.
- **134” (3404 mm) overhead clearance** required above the top landing floor without top prop **(new construction)**.
- 14” (356 mm) minimum pit. (A clearance device is provided to attain required 36“ (914 mm) refuge space).
- Hoistway sizes reflect running and access clearances only. Consult your local AHJ to assure compliance with local codes.
- Hoistway is required to be free of all pipes, wiring and obstructions not related to the operation of the elevator.
- If a dedicated pit light is required by your local AHJ, please follow the guidelines below for accommodating this in your hoistway

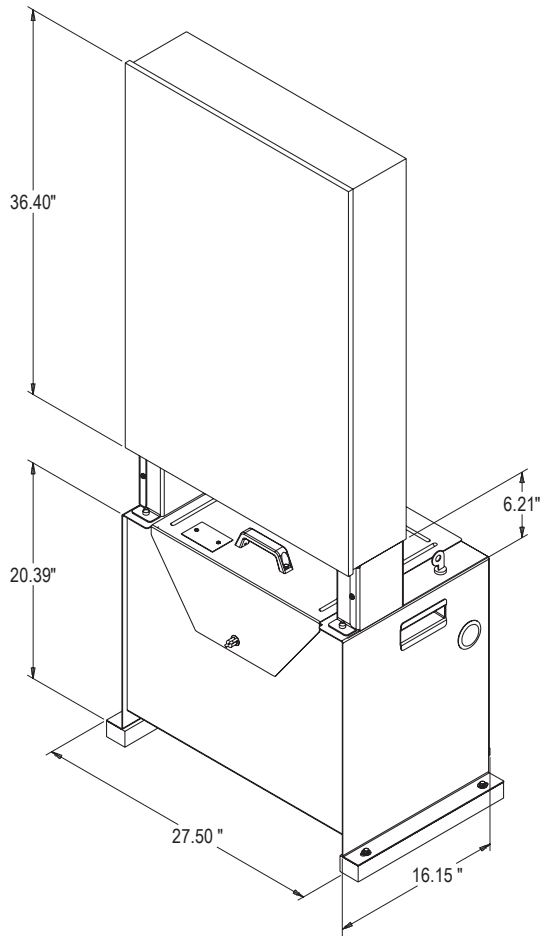


CONTROLLER TANK SPECIFICATIONS

Dimensions (inches)	H 57” x W 28” x D 17” (approx.)
Minimum Required Clearance in Front (inches)	39”
Valve and Manual Lowering Handle Location	Inside tank
Rupture Valve Test	T-fitting factory installed
Tank to Controller Wiring	Quick connect valve and motor wiring
Controller Layout	PLC
Keyed Lock to Tank	Yes
Machine Room Required	Yes
Tank Capacity (gal/ltr)	15-16.5 gal/57-63 ltr
Max. Dry Weight (lbs/kgs)	147 lbs/55 kg
Max. Filled Weight (lbs/kgs)	312 lbs/117 kg
Operating Environment	50°F - 80°F /10°C - 27°C
Operating Volume	57 dBA

Controller Tank Features

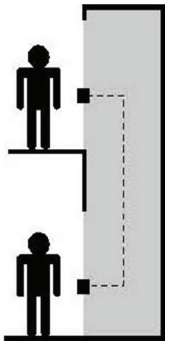
- Hydraulic hose connection ports on either side of the tank
- Built in handles on either side of the tank
- Isolation mounting of pump motor valve assembly minimizes operating noise



PLC Controller Tank

ORION 48” X 54” TYPE 1 WITH 2 SPEED DOORS

Type 1



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm

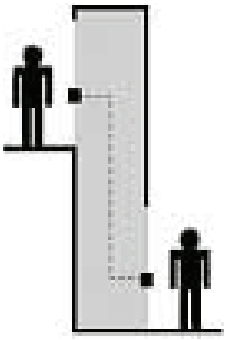
For Masonry or Drywall Entrance Details, refer to drawings on pages 19-22

NOTE

Plan view drawing can be reversed for Right Hand applications.

ORION 48” X 54” TYPE 2 WITH 2 SPEED DOORS

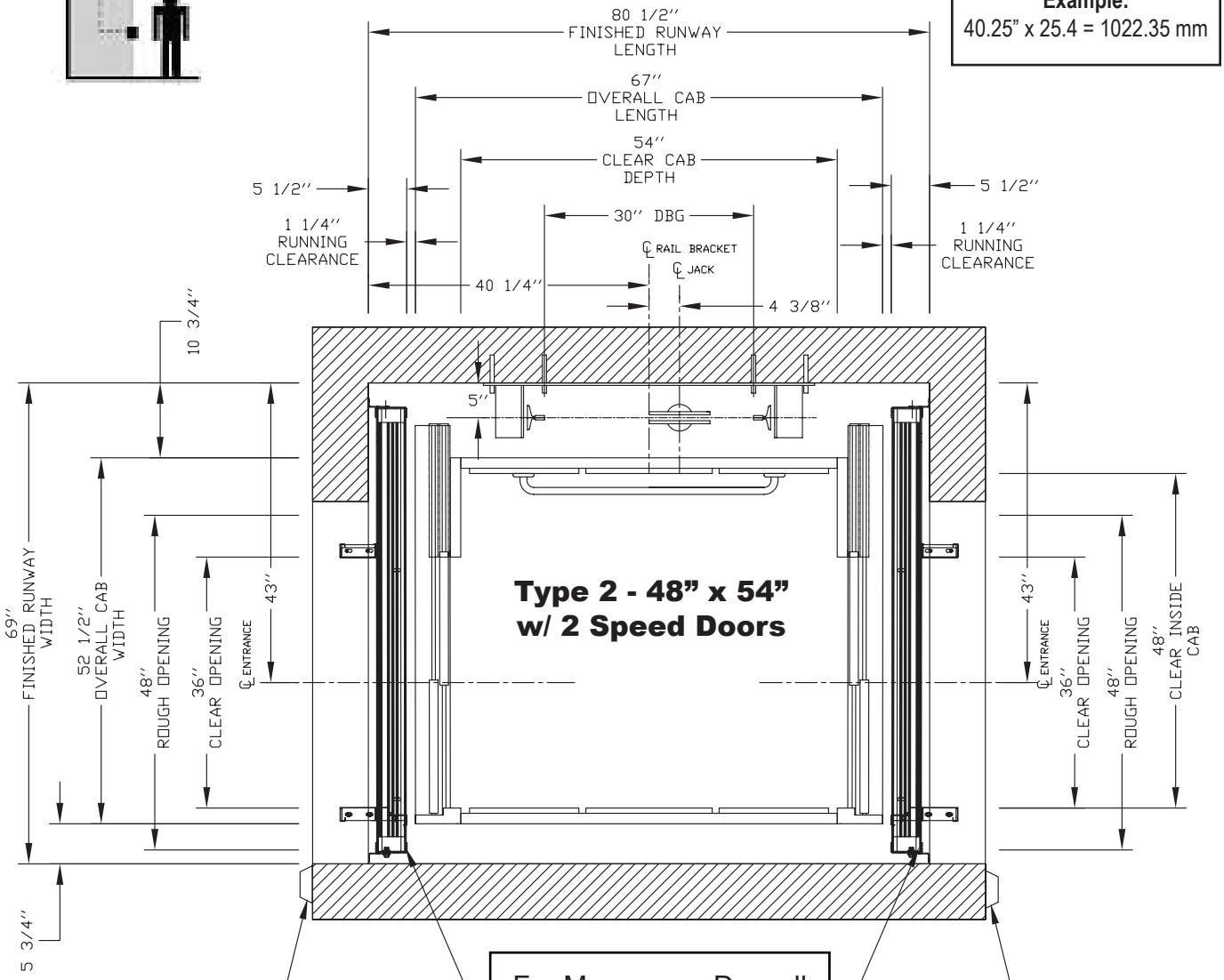
Type 2



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

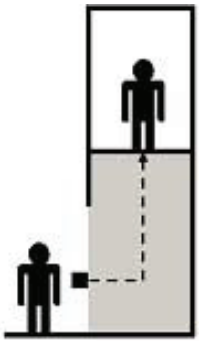
Example:
40.25” x 25.4 = 1022.35 mm



For Masonry or Drywall Entrance Details, refer to drawings on pages 19-22

ORION 51” X 51” TYPE 3 (4) WITH 2 SPEED DOORS

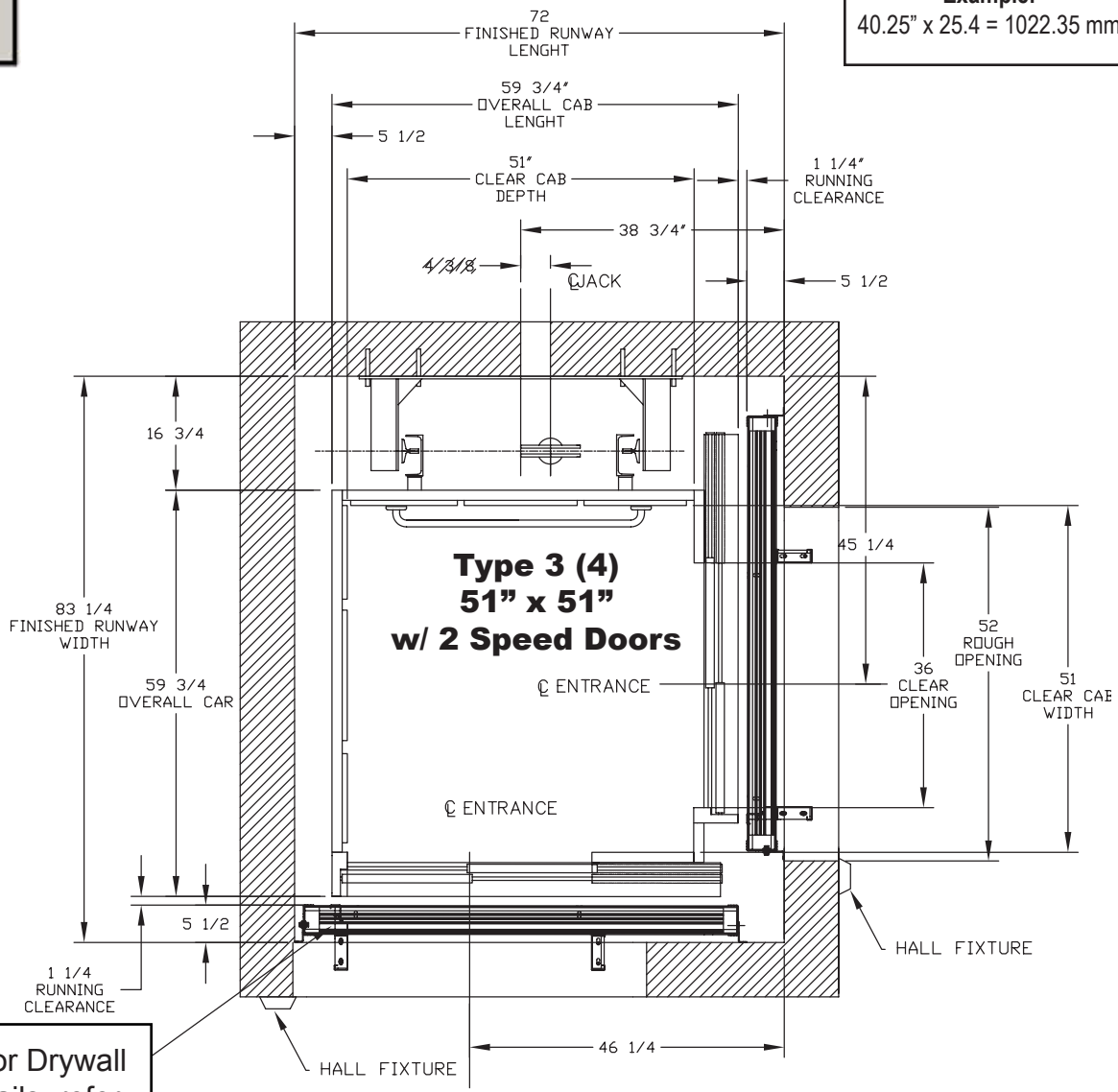
Type 3 or 4



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm



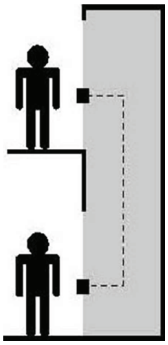
For Masonry or Drywall Entrance Details, refer to drawings on pages 19-22

NOTE

Plan view drawing can be reversed for Type 4 applications.

ORION 42” X 60” TYPE 1 WITH 2 SPEED DOORS

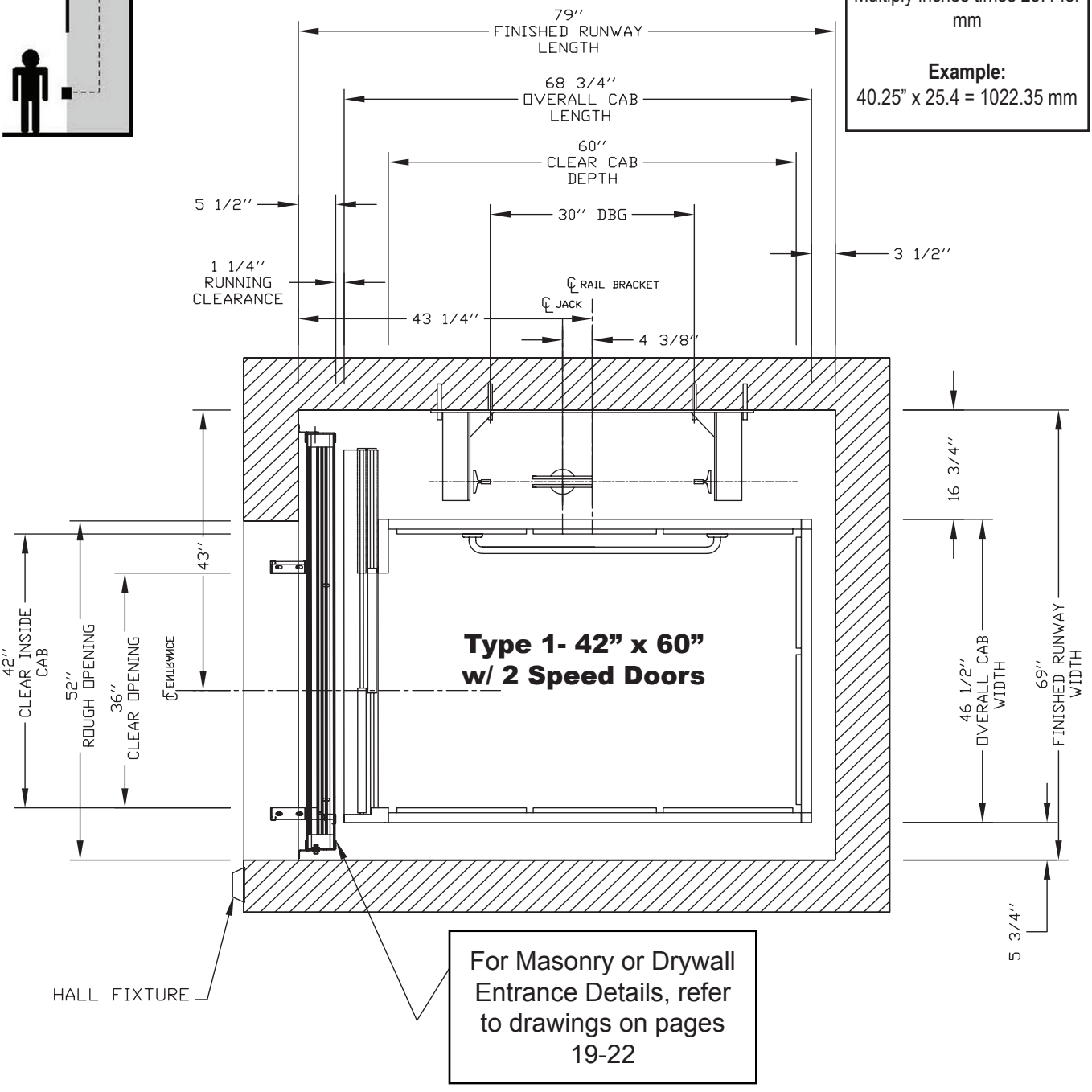
Type 1



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm



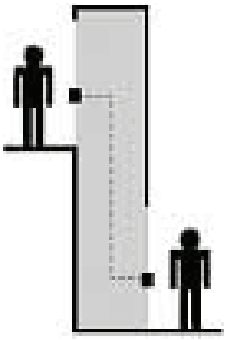
For Masonry or Drywall Entrance Details, refer to drawings on pages 19-22

NOTE

Plan view drawing can be reversed for Right Hand applications.

ORION 42” X 60” TYPE 2 WITH 2 SPEED DOORS

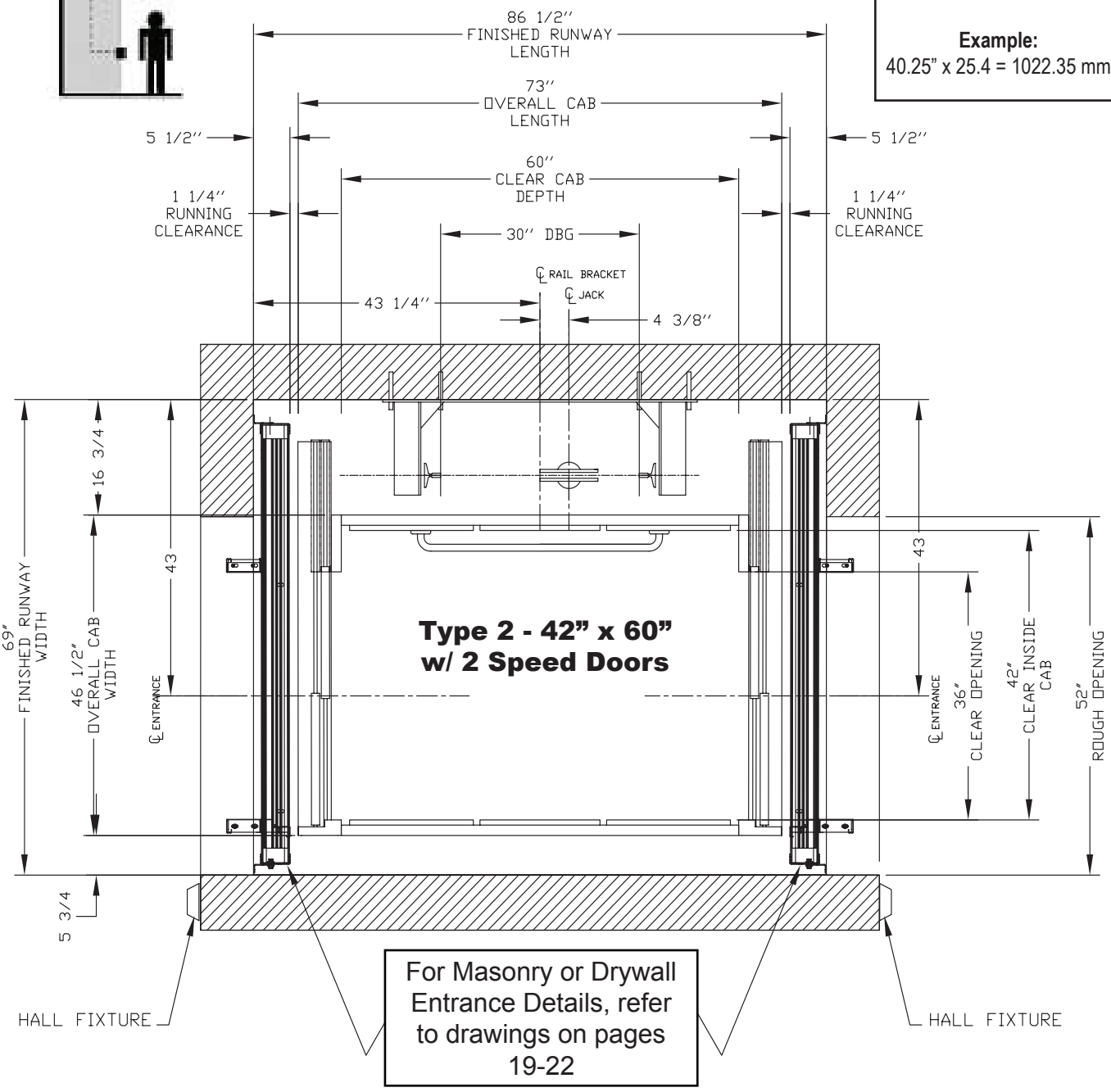
Type 2



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

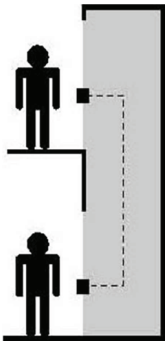
Example:
40.25” x 25.4 = 1022.35 mm



For Masonry or Drywall Entrance Details, refer to drawings on pages 19-22

ORION 48” X 54” TYPE 1 WITH SWING DOORS

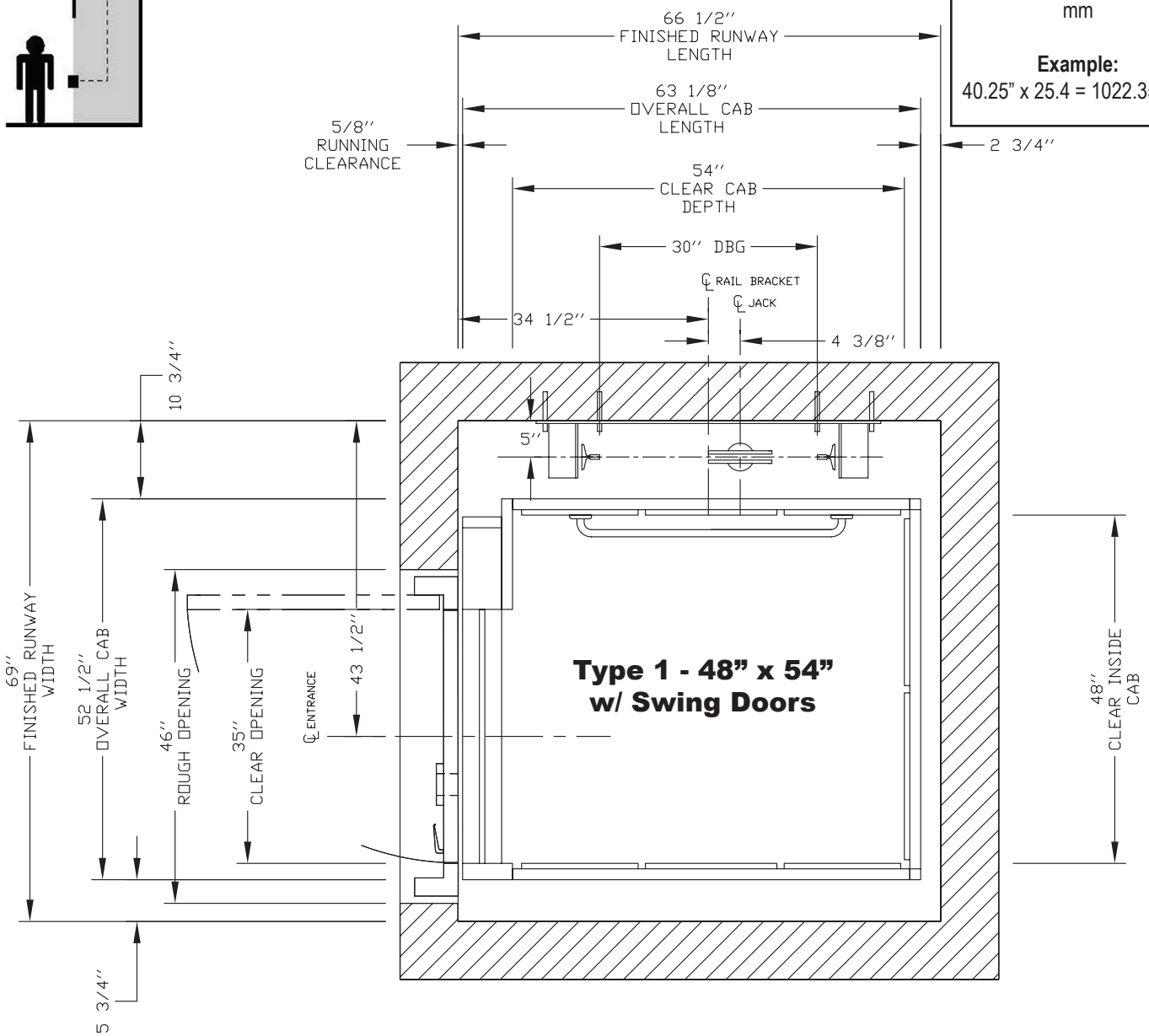
Type 1



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm

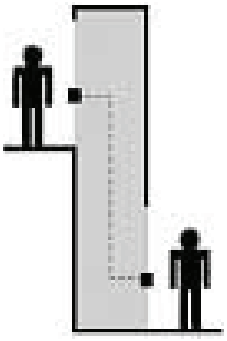


NOTE

Plan view drawing can be reversed for Right Hand applications.

ORION 48” X 54” TYPE 2 WITH SWING DOORS

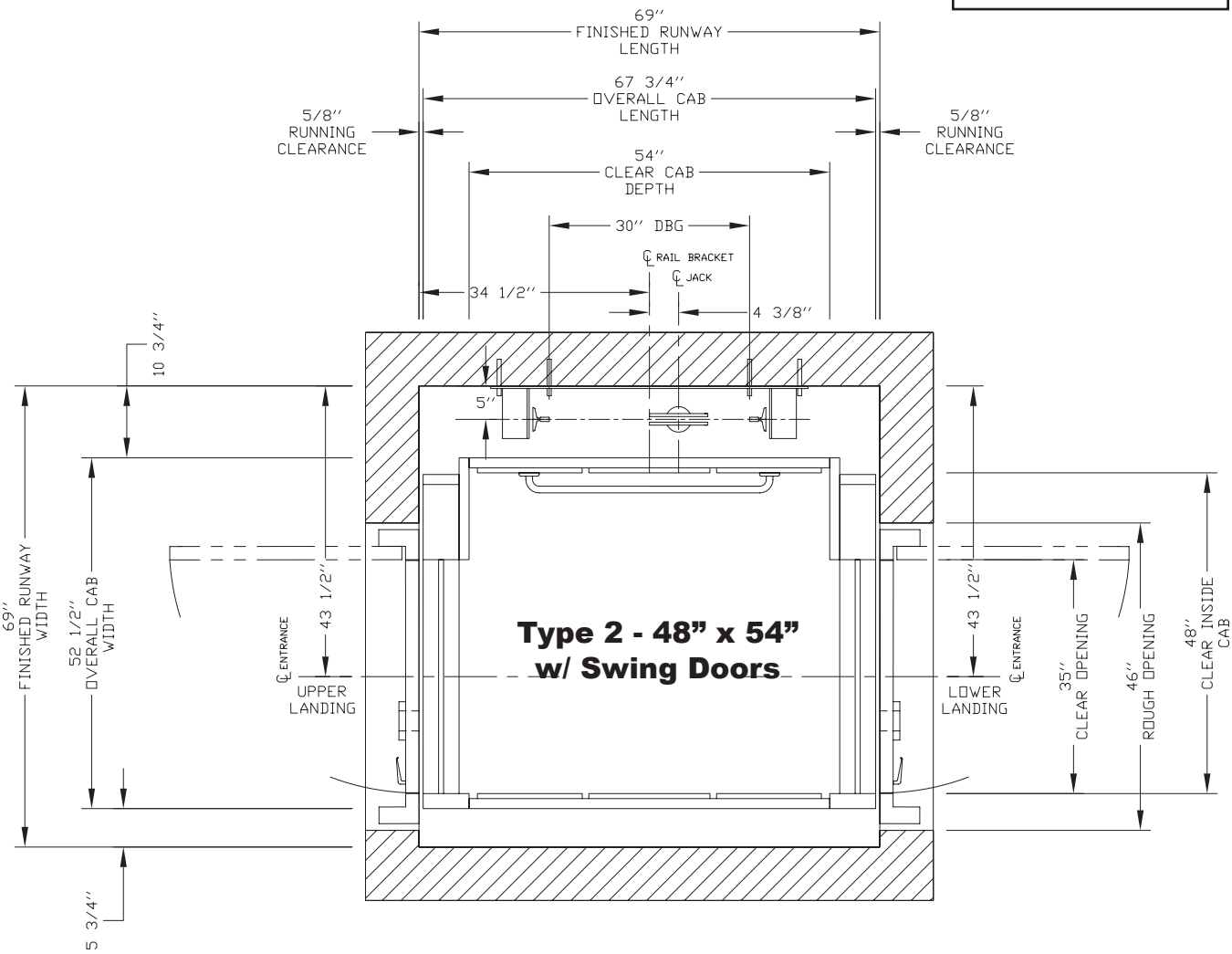
Type 2



Finished hoistway dimensions must include the drywall (where applicable). Determine the fire rating of the hoistway, the type and layers of sheet rock. Build only from shop drawings specific to your project.

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm



LOADS ON BUILDING

Seismic zones 0 and 1

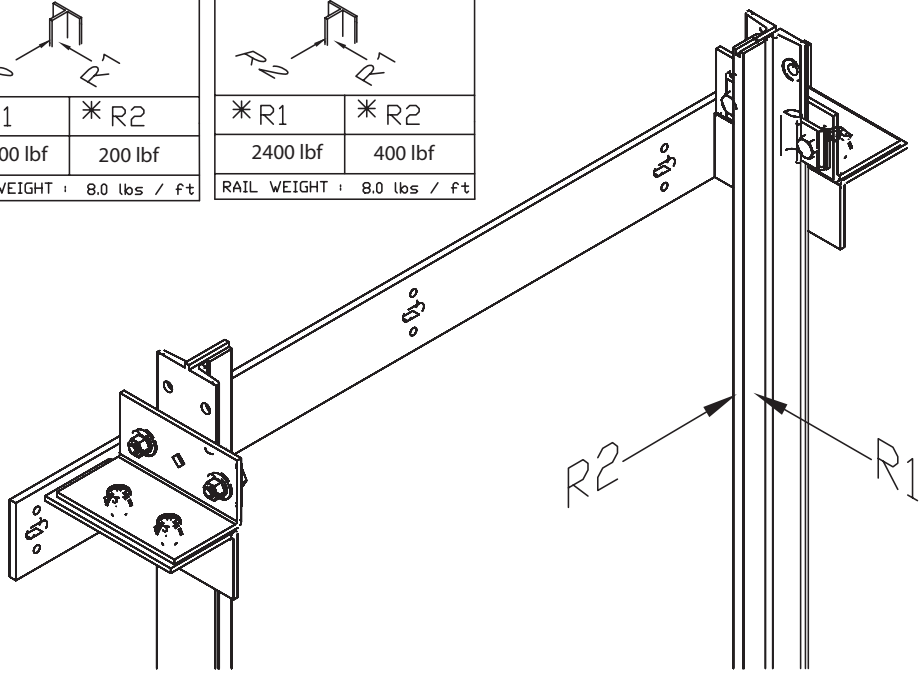
RAIL FORCES	
✳R1	✳R2
720 lbf	260 lbf
RAIL WEIGHT : 8.0 lbs / ft	

Seismic zone 2

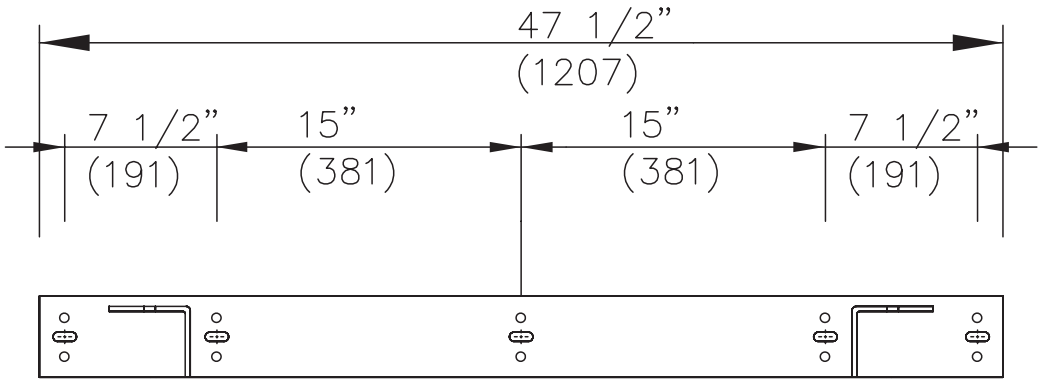
RAIL FORCES	
✳R1	✳R2
1200 lbf	200 lbf
RAIL WEIGHT : 8.0 lbs / ft	

Seismic zone 3

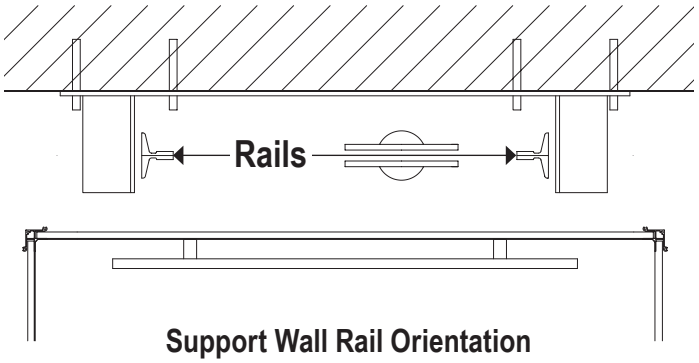
RAIL FORCES	
✳R1	✳R2
2400 lbf	400 lbf
RAIL WEIGHT : 8.0 lbs / ft	



Rail reactions do not include safety factors. Applicable safety factors must be considered in hoistway design.

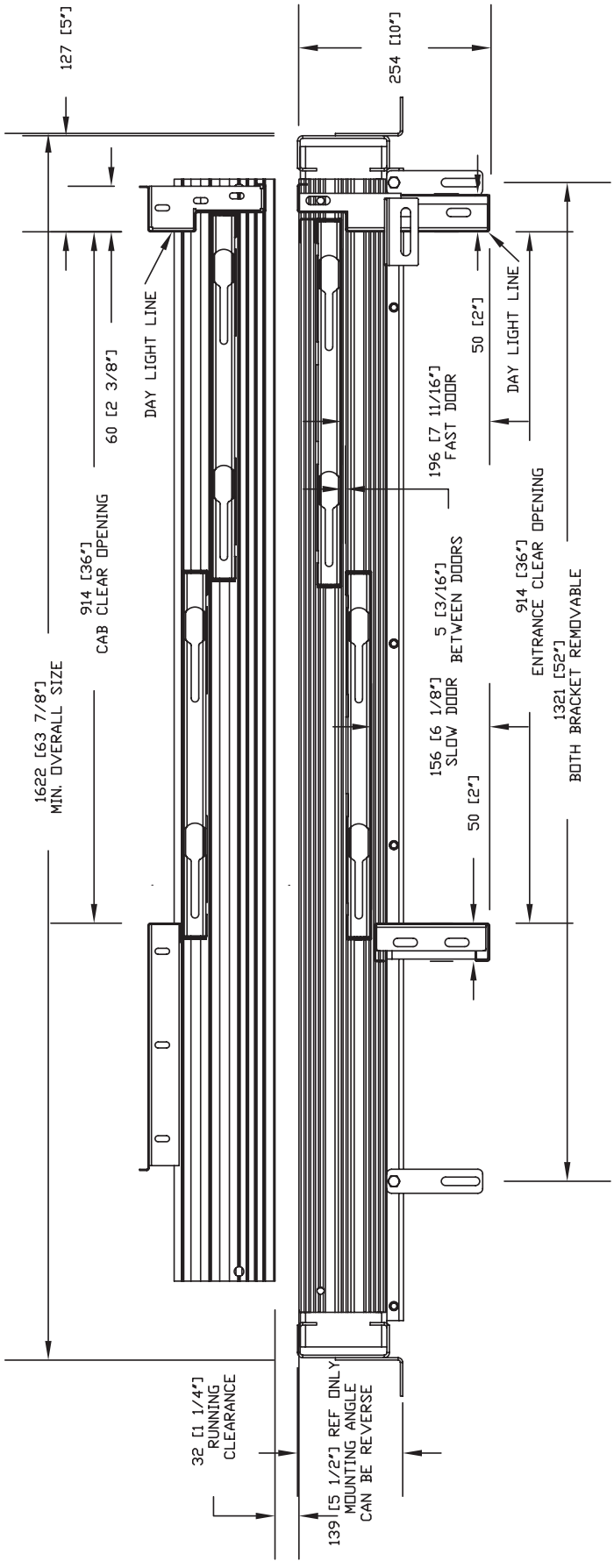


Rail Bracket Dimensions

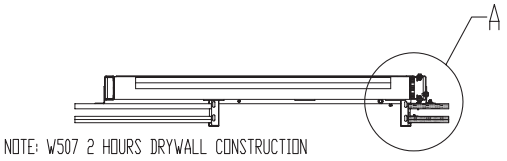


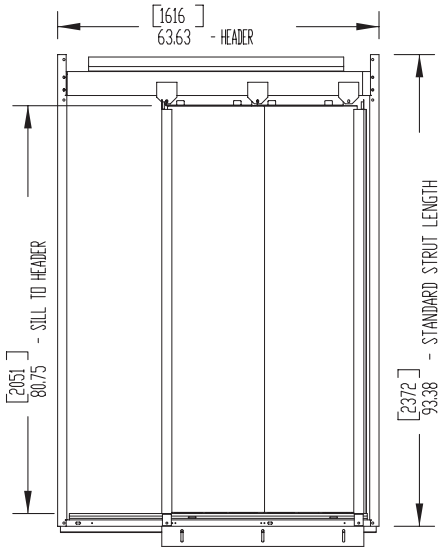
Support Wall Rail Orientation

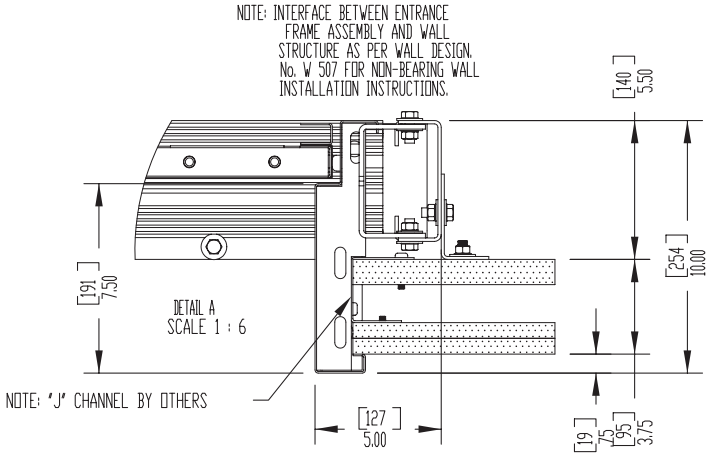
ENTRANCE MOUNTING DETAILS FOR 2 SPEED DOORS WITH DRYWALL CONSTRUCTION



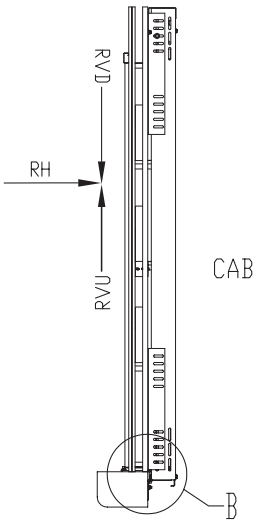
ENTRANCE MOUNTING DETAILS FOR 2 SPEED DOORS WITH DRYWALL CONSTRUCTION

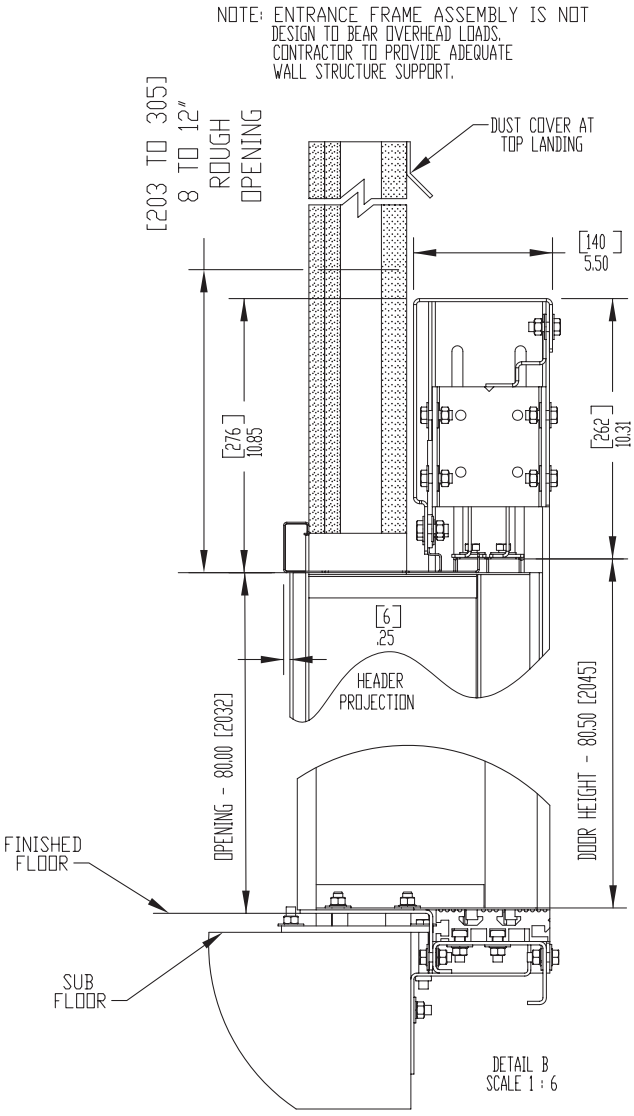






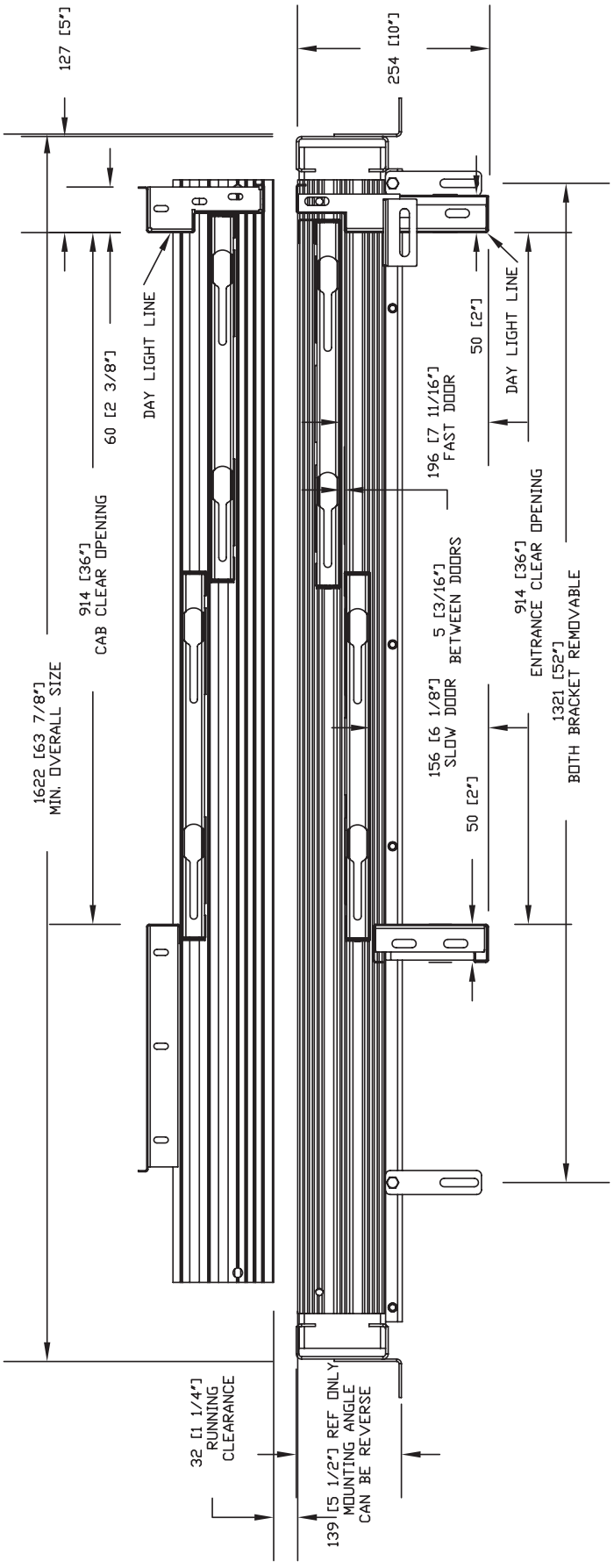
ENTRANCE LOADS ON BUILDING
RH = 5000 N (1125 lbf)
RVD = 1550 N (350 lbf)
RVU = 1000 N (225 lbf)
PER SECTION 2.11.11.8.



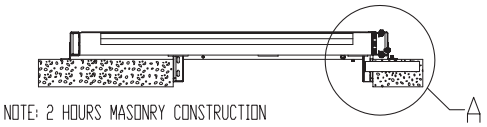


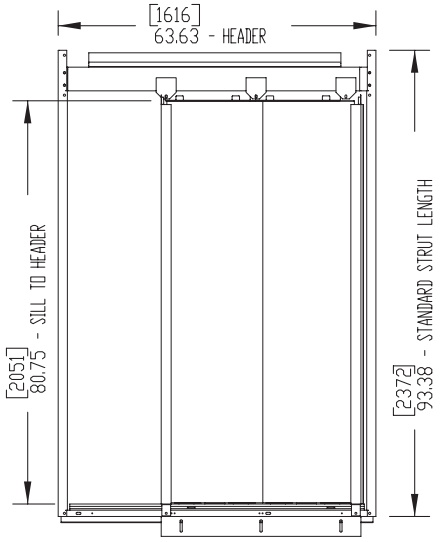
Contractor please note:
Grouting at the sill may be required after the door frames are set.

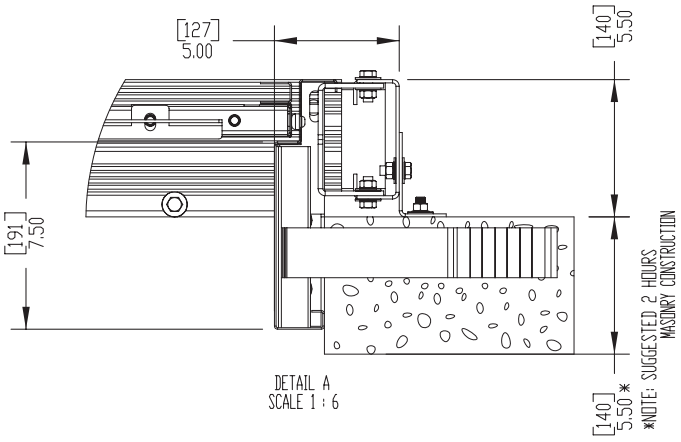
ENTRANCE MOUNTING DETAILS FOR 2 SPEED DOORS WITH MASONRY CONSTRUCTION



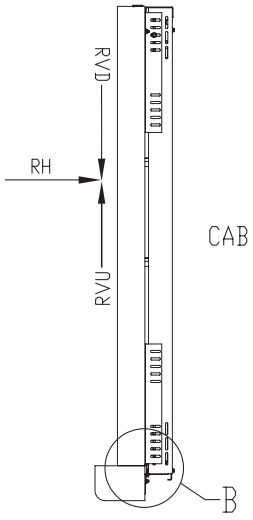
ENTRANCE MOUNTING DETAILS FOR 2 SPEED DOORS WITH MASONRY CONSTRUCTION

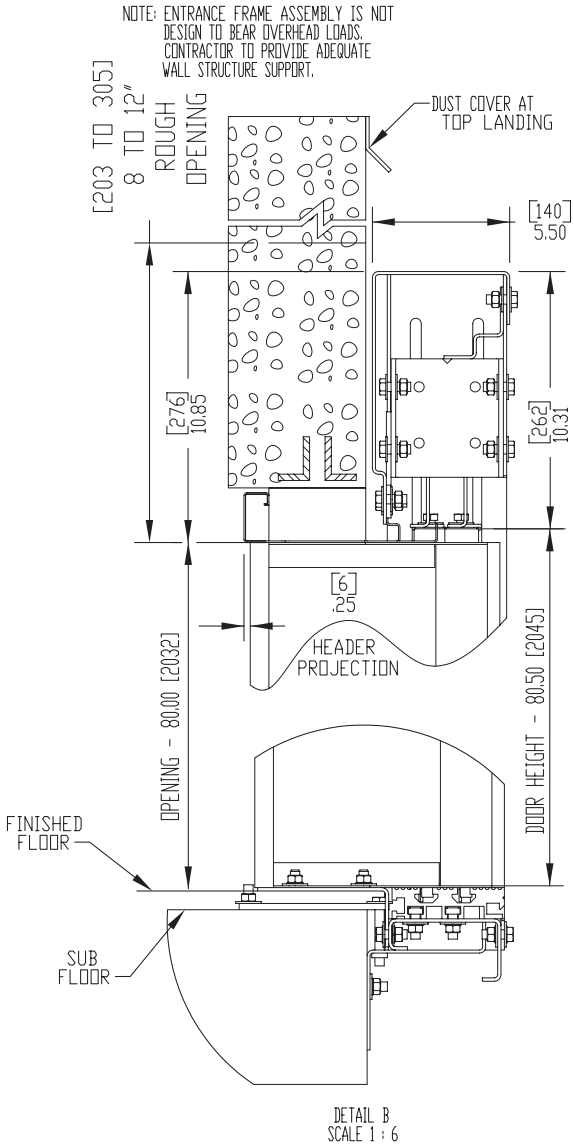






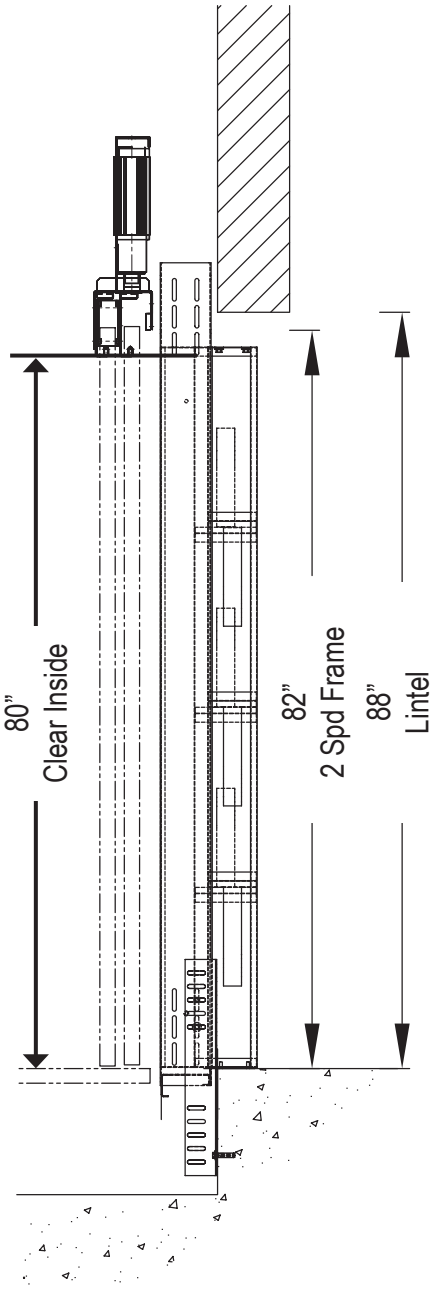
ENTRANCE LOADS ON BUILDING
RH = 5000 N (1125 lbf)
RVD = 1550 N (350 lbf)
RVU = 1000 N (225 lbf)
PER SECTION 2.11.11.8.



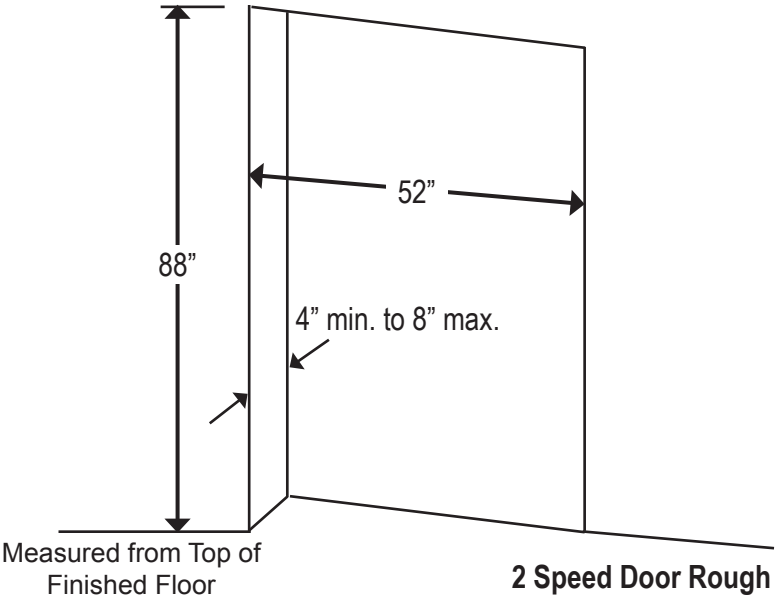


Contractor please note:
Grouting at the sill may be required after the door frames are set.

2 SPEED AUTOMATIC DOOR AND GUIDE RAIL INFORMATION



Door Frame Elevation

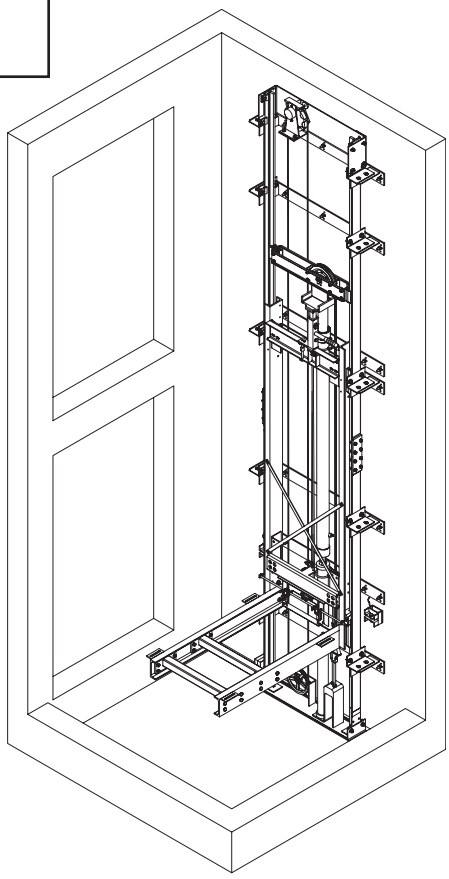


2 Speed Door Rough Opening

For Swing Doors the rough opening is 46” Wide

For Metric Equivalents
Multiply inches times 25.4 for mm

Example:
40.25” x 25.4 = 1022.35 mm

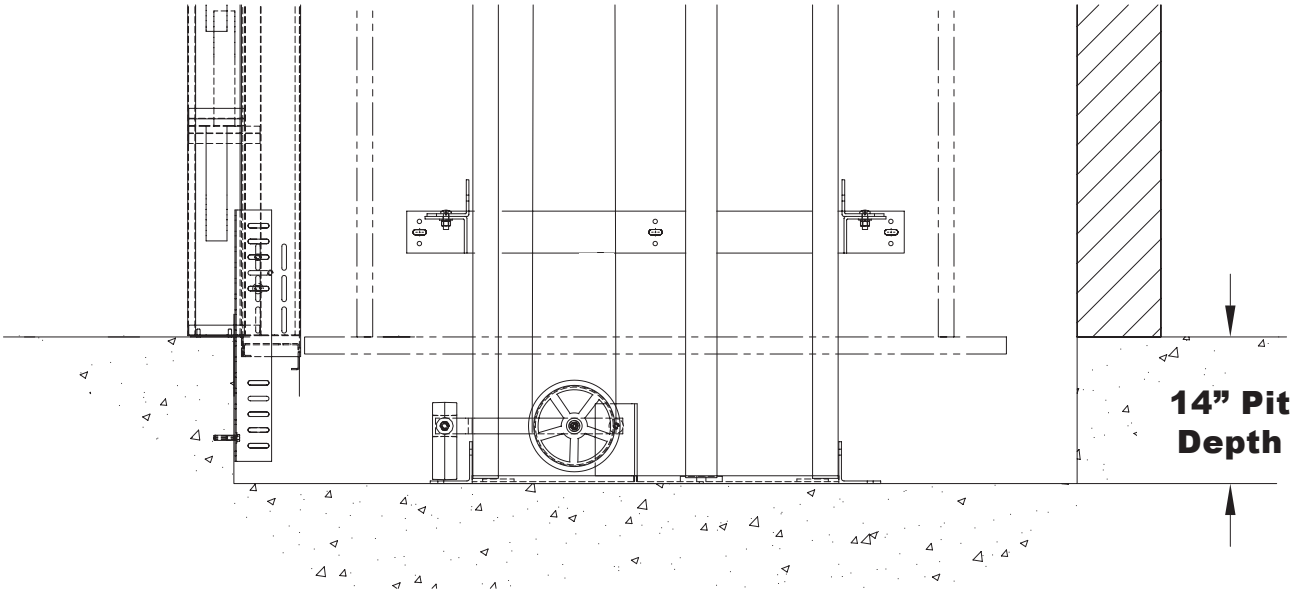


Rails ands Sling in Hoistway

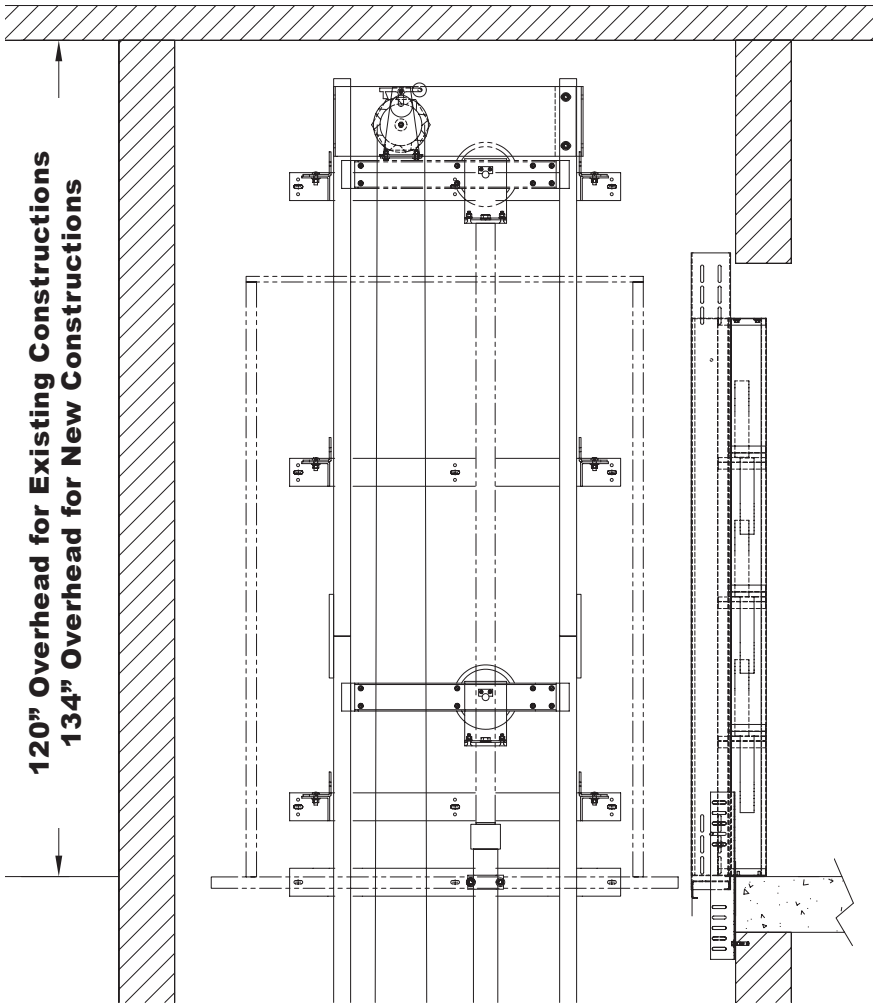
Notes:

1. See hoistway requirements for the location of the door centerline.
2. Door panels and frame are primed for painting.

PIT AND OVERHEAD CLEARANCE DETAILS



A minimum pit depth of 14” is required.



ORION STANDARD NOTES

HOISTWAY

- The hoistway must be designed and built in accordance with the “Safety Code for Elevators and Escalators” (ASME A17.1) and all state and local codes.
- Due to close running clearances, the owner/agent must ensure that the hoistway and pit (where provided) are level, plumb and square and are in accordance with the dimensions on these drawings.

MINIMUM OVERHEAD CLEARANCE

- Owner/agent must ensure the minimum overhead clearance is in compliance with codes.

CONSTRUCTION SITE

- Owner/agent to provide all masonry, carpentry and drywall work as required and shall patch and make good (including finish painting) all areas where walls/floors may need to be cut, drilled or altered in any way to permit the proper installation of the lift.

DIMENSIONS

- Contractor/customer to verify all dimensions and report any discrepancies to our office immediately.

STRUCTURAL

- Structural engineer to assure that the building and shaft will safely support all loads imposed by the lift equipment. Refer to the tables on the installation drawings for loads imposed by the equipment.
- Suitable lintels must be provided by the owner/agent. Door frames are not designed to support overhead wall loads.

ELECTRICAL

- Power supply with a lockable fused disconnect and auxiliary contact to brake the battery feed, or circuit breakers with a 3-pole breaker for battery feed required in compliance with electrical code (contact your Savaria dealer or refer to the table below for OEM part numbers).

Disconnect Switch Types & Accessories	Cutler Hammer	Federal Pioneer	Siemens
1 PHASE 5 H.P. Pump Unit			
2 Pole Solid Neutral 240V 1 PH	1HD222N	1622SN	ID322
Required Auxiliary Contact	DS16CP	E1K-1AEV-W94	MSSAK 116
Required Type “D” Fuse (Buss type “FRN” or equal)	2@40 amp	2@40 amp	2@40 amp
3 PHASE 5 H.P. Pump Unit			
3 Pole Solid Neutral 208V 3 PH	1HD321N	1332SN	ID321
Required Auxiliary Contact	DS16CP	E1K-1AEV-W94	MSSAK 116
Required Type “D” Fuse (Buss type “FRN” or equal)	3@30 amp	3@30 amp	3@30 amp
Cab Lighting			
1 Pole Solid Neutral 120V 1 PH	GP 111N	86211	CFN 211
Required Type “D” Fuse (Buss type “T” or equal)	1@15 amp	1@15 amp	1@15 amp

- Permanent power of 240V single-phase 40 Amp or 208V three-phase 30 Amp must be supplied by others before installation.
- Remote hall call (when supplied) to be installed by the owner/agent at 42” from the landing floor.

ENTRANCES

- Entrance assemblies must be adjusted to align with the platform and interlock equipment. Others to allow an adequate rough opening.
- Entrance assembly must be securely fastened to walls by the elevator contractor.

SPECIFICATIONS FOR PART 5.3 COMPLIANCE

PART 1 GENERAL

1.01 SUMMARY

A. The product described herein, manufactured by Savaria is an elevator designed and dimensioned to provide Limited Use/Limited Application (LULA) elevator to suit individual building requirements for use by persons with disabilities.

1.2 REFERENCES

A. Elevator shall be designed, manufactured and installed in accordance with the following standards:
1. American National Standards Institute (ANSI).
2. American Society of Mechanical Engineers (ASME).
3. National Electrical Code (NEC)
Canadian Electrical Code (CEC)
4. American Society for Testing Materials (ASTM).
5. American Welding Society (AWS).
Canadian Welding Bureau (CWB)

1.3 SYSTEM DESCRIPTION

A. 5 hp submersed motor and pump with electronic proportional valve assembly; Programmable logic controller with collective operation; 1:2 roped hydraulic single stage cylinder with line rupture valve.
B. Number of Stops: (specify:) Two to Four.
C. Car Configuration: (specify:) straight-thru, 90° side exit or enter/exit same side.
D. Maximum Travel: (specify:) Up to 25' (7.62 m)
E. Rated Load: (specify:) 1400 lbs. (635 kg)
F. Rated Speed: 30 fpm (.15m/s)
G. Car Size:
1. 48" x 54" (1219 mm x 1372 mm) platform (standard)
2. 84" (2134 mm) high ceiling
H. Car Walls: (specify:) Steel panels (black or architectural white)with (optional) raised plastic laminate panels (contact Savaria for colors).
I. Car Ceiling: White panel.
J. Car Lighting: Four recessed lights.
K. Operating Features:
1. Car Operating Panel: (specify:) Brushed stainless steel or brushed brass panel with illuminated automatic controls, keyed light switch, emergency stop switch and alarm button
2. Hall Stations: (specify:) Brushed stainless steel or brushed brass panel with illuminated button and (specify option:) key lock provided at each landing.
3. Car Door(s): Fully automatic, side opening, sliding car door with electromechanical interlocks, obstruction sensor, and automatic re-open system.
4. Hoistway Doors: 1 ½ hour fire rated fully automatic side opening, sliding hoistway doors with two side opening panels in steel frame with electromechanical interlocks.
5. Handrail: (specify:) Stainless steel or brass.
6. Pit Switch
7. Car top inspection station with UP and DOWN test switches, emergency stop, light outlet
8. Automatic homing to the lowest floor (optional)
9. Slack rope safety.
10. Anti-creep device.
11. Overspeed governor (may not be required) – consult AHJ
12. Dual direction leveling.
- Upper and lower terminal limit.
- Pump run timer.
- Pit clearance device (where required)
- Automatic battery powered and manual emergency lowering control devices.
- Minimum pressure switch.
- Maintenance stop blocks.
- (specify option:) Fire Fighters Service (available).
- (specify option:) Hall lanterns with chime.
- (specify option:) Recessed telephone cabinet (brushed stainless steel or brushed brass).
- (specify option:) Buffer springs (requires 24" pit).

1.4 QUALITY ASSURANCE

A. Manufacturer: Provide elevator manufactured by a firm with a minimum of 10 years experience in fabrication of elevators equivalent to those specified.
B. All designs, clearances, workmanship and material, unless specifically accepted, shall be in accordance with all codes having legal jurisdiction.
C. All load ratings and safety factors shall meet or exceed those specified by all governing agencies with jurisdiction and shall be certified by a professional engineer.
D. Elevator shall be subject to applicable state, local and city approval prior to installation and subject to inspection after installation. Determination of and adherence to these regulations is the responsibility of the elevator contractor.
E. Welders certified in accordance with requirements of AWS D1.1 or CWB shall perform all welding of all parts.
F. Substitutions: No substitutions permitted.

1.5 WARRANTY

A. Warranty: Manufacturer shall warrant component parts of the Orion elevator for a period of 36 months from shipping date. This warranty only applies to products installed and maintained by a Savaria Authorized Dealer in conformance with all applicable local and national codes. The warranty is void if regular inspection and maintenance of product is not being carried out by an Authorized Savaria Dealer in accordance with the recommendations contained in the Owner's Manual. It is the Owner's responsibility to keep records of all such service.

PART 2 PRODUCT

2.1 MANUFACTURER

Provide the Orion Commercial LU/LA Elevator manufactured by Savaria.
Toll Free Number (800) 661-5112
Phone (905) 791-5555
Fax (905) 791-2222
Web site: http://www.savaria.com

2.2 MATERIAL

- Guide Rail: Dual 8 lbs./ft. machined steel T-rail system.
- Wire Rope: Two 3/8" diameter 7 x 19 ga. IWRC aircraft cables with rope wedge sockets.
- Sling: Structural and formed steel plates with guide shoes.
- Platform Floor: Unfinished plywood flooring.

2.3 FINISHES

A. Components shall be prepared with
1) pre-treatment,
2) alkaline detergent wash,
3) clear water rinse,
4) iron phosphate coating,
5) clear water rinse and finished with electrostatically applied and baked thermostatic powder coat finish. Standard color is architectural white.

2.4 ELECTRICAL SYSTEMS

A. The electrical contractors shall provide:
1. 208V three phase 30 AMP 60 Hz or 230 V single phase 40 AMP 60 Hz source in the machine area with manually operated fused line disconnect.
2. 115 VAC, single phase, 15 amp, 60 Hz, single phase power source with manually operated fused line disconnect for car lighting and a light outlet inside the hoistway.
3. Telephone circuit in the machine area.

PART 3 EXECUTION

3.1 ACCEPTABLE INSTALLERS

A. Installers shall be experienced in performing work of this section who have specialized in work comparable to that required for this project.
B. Installers shall be certified and trained by the manufacturer.

3.2 EXAMINATION

A. Use field dimensions and approved manufacturer's shop drawings to examine substrates, supports and other conditions under which this work is to be performed. Do not proceed with work until unsatisfactory conditions are corrected.

3.3 INSTALLATION

A. The Orion elevator shall be installed in accordance with manufacturer's instructions and as specified and approved by architect.

3.4 DEMONSTRATION

A. The elevator contractor shall make a final check of the elevator's operation with the Owner or Owner's representative present prior to turning the elevator over for use. The elevator contractor shall determine that operating and safety devices are functioning properly.

END OF SECTION

Intent of specification is to broadly outline equipment required but does not cover details of design and construction. Dimensions and specifications are subject to constant change and continually evolving codes and product applications. For additional technical information, contact Savaria at (800) 661-5112 or www.savaria.com.

savaria®

2 Walker Drive
Brampton, ON Canada L6T 5E1
Phone: 905-791-5555
Fax: 905-791-2222
Sales: 800-661-5112
www.savaria.com

Steel Wall Panels

Architectural White

Black
[only available with applied plastic laminate]

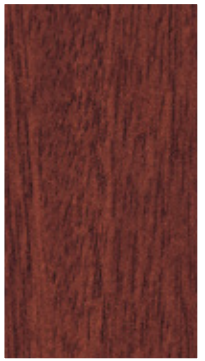
Stainless Steel #4 Finish
[optional]

Optional Plastic Laminate

overlay panels on steel wall

Stone Graphix

Fog



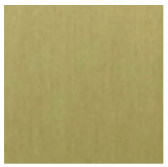
Mahogany

Natural Oak

Metal Fixtures

fixtures include hand rail, phone box, hall calls, light fixtures and cab operating panel

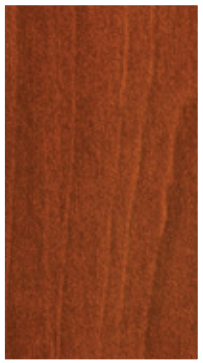
Stainless Steel #4 Finish



Brushed Brass #4 Finish
[optional]

Optional Melamine

overlay panels on steel wall



Cherry

Candlelight

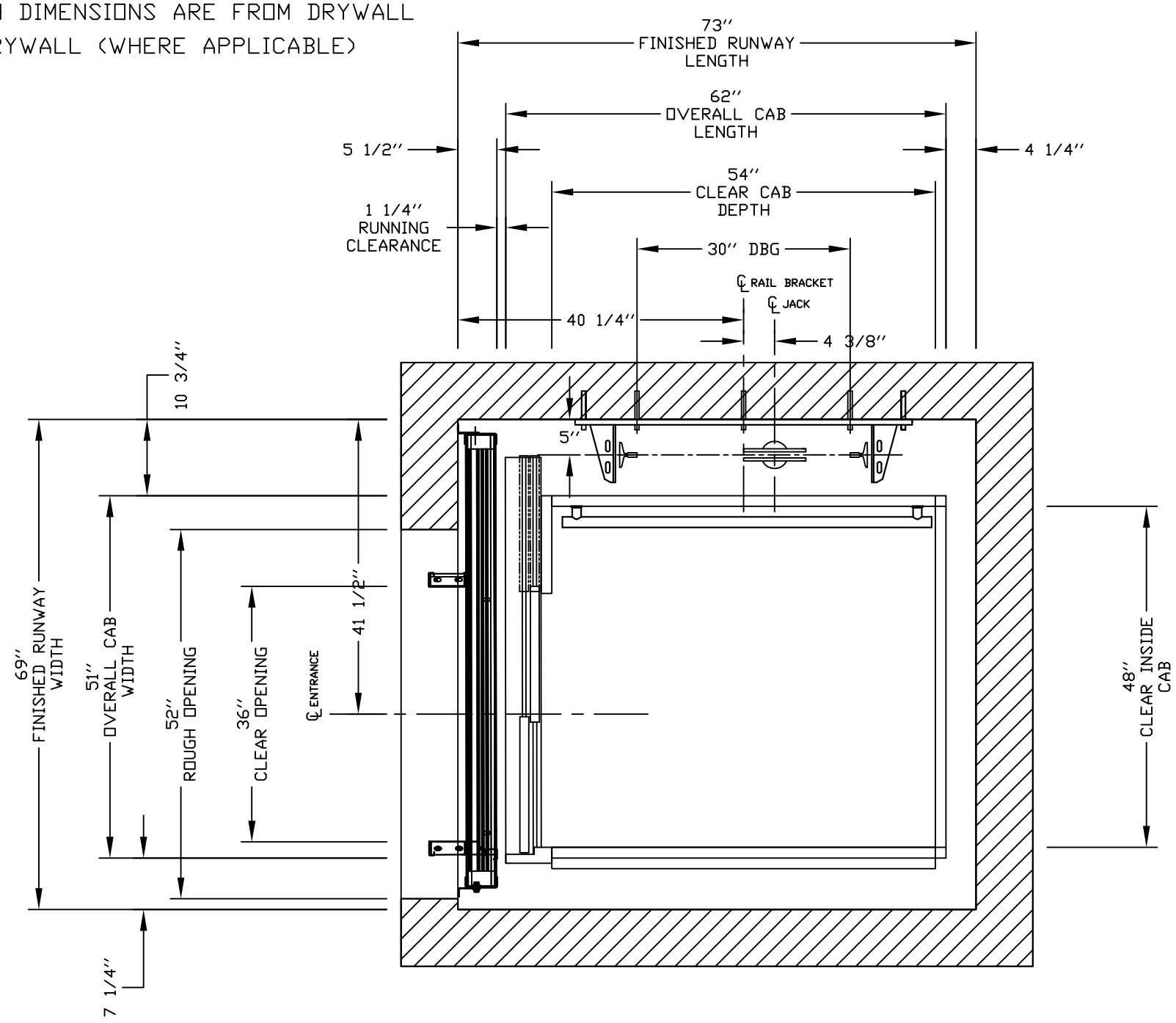
Silken Maple

Antique White

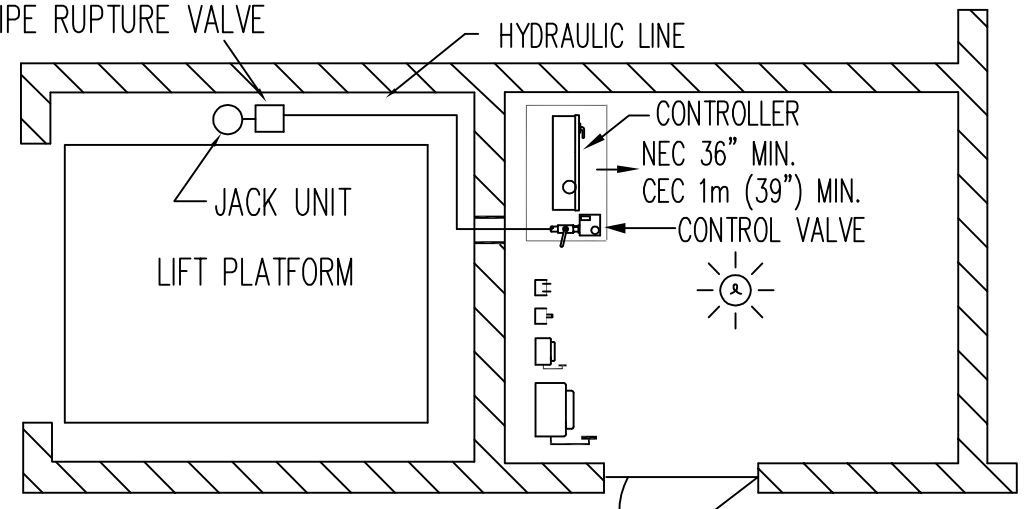
SAVARIA 2 Walker Drive Brampton ON L6T 5E1 Canada **tel** 905.791.5555 **fax** 905.791.2222 **toll free** 1.800.661.5112 **www.savaria.com**

savaria®

PLEASE NOTE:
OVERALL HOISTWAY LENGTH AND
WIDTH DIMENSIONS ARE FROM DRYWALL
TO DRYWALL (WHERE APPLICABLE)



ADJ. FLO-CONTROL
OR PIPE RUPTURE VALVE



M/R PLAN AT LOWER LEVEL

B-B
2

PRELIMINARY DRAWING ONLY
DRAWING APPROVAL:

THIS DRAWING REFLECTS OUR INTERPRETATION OF THE INFORMATION PROVIDED BY THE DEALER ON THE ORDER FORM. THIS INFORMATION IS THE DEALER'S RESPONSIBILITY, AND IS THE BASIS FROM WHICH THIS LIFT IS DESIGNED AND MANUFACTURED. PLEASE INDICATE THE REQUESTED ACTION BY CHECKING ONE OF THE FOLLOWING BOXES AND SIGNING BELOW TO AUTHORIZE COMPLETION OF THIS ORDER.

☐ APPROVED WITH NO EXCEPTIONS
MANUFACTURE PRODUCT AS PER DRAWING

☐ APPROVED WITH EXCEPTIONS, NO REAPPROVAL REQUIRED
MAKE CHANGES AS NOTED, NO REAPPROVAL DRAWING REQUIRED

☐ CHANGE AS NOTED, REAPPROVAL REQUIRED
MAKE CHANGES AS NOTED, SEND CORRECTED DRAWING FOR REAPPROVAL BEFORE MANUFACTURE

SIGNATURE: _____ DATE: _____

CHANGES REQUEST:

1. _____
2. _____
3. _____
4. _____

CAUTION: ONCE THE DRAWING IS APPROVED, JOB CANCELLATION FEES WILL APPLY

OFFICE USE ONLY:	
CONFIGURATION VERSION STAMP:	0.0
MODULE VERSION STAMP:	D-S-6.17

PLAN VIEW

CUSTOMER: FLORIDA LIFTS LLC
PROJECT: FERARRA GROUP, LLC
ADDRESS: 2700 BISCAYNE BLVD MIAMI, FL 33137

DATE: 08/22/16
REVISION DATE: 08/22/16
COMPLETED BY: kAller@floridalifts
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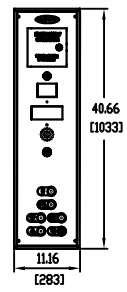
Part No.
Variant No. 76095

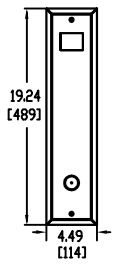
savaria™

JOB No. ☐ —
SHEET No. 1 OF 4

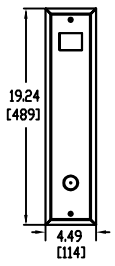
COP



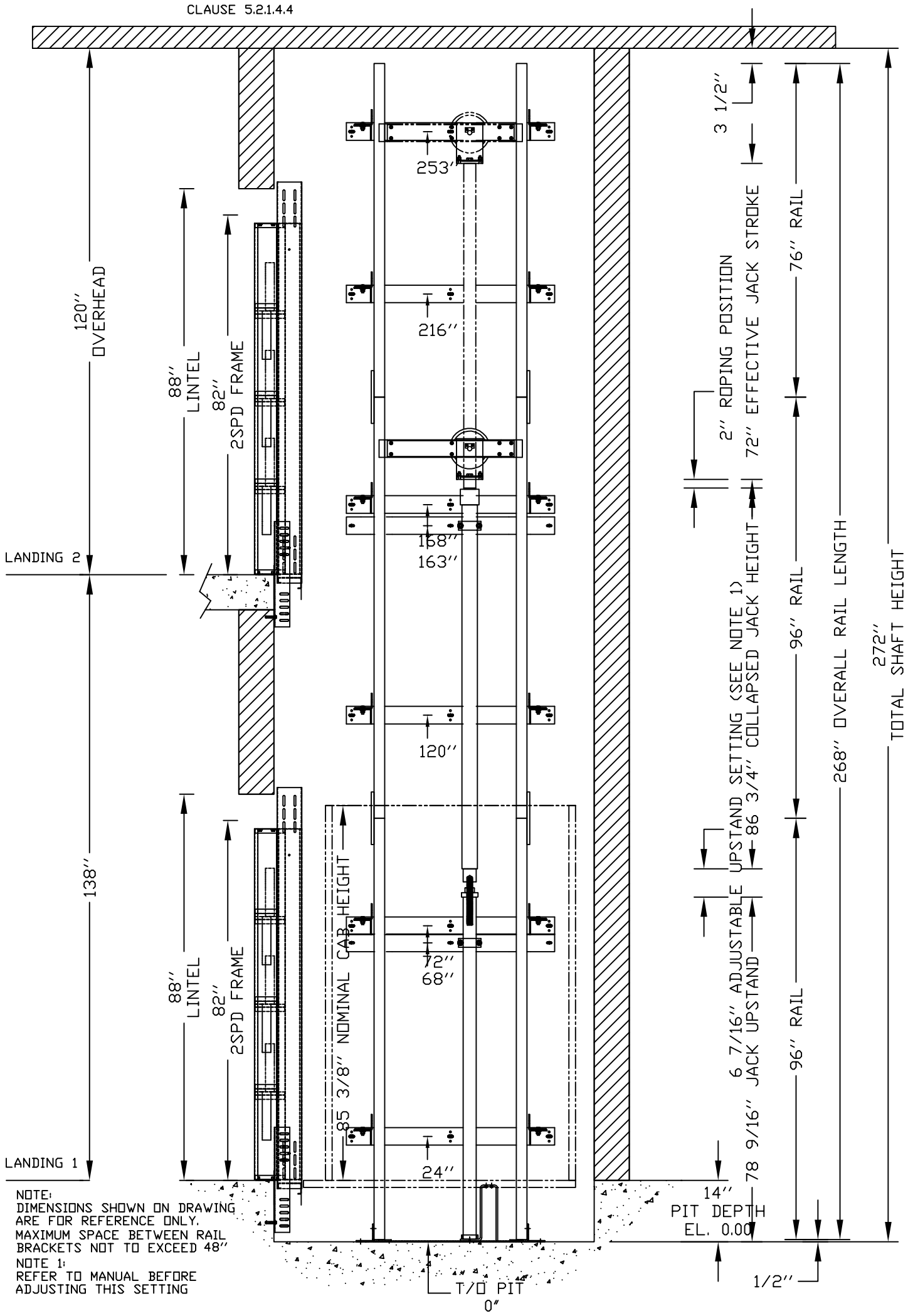
HALL CALL 1



HALL CALL 2



NOTE:
CAR TOP PROP PROVIDED
IN CONFORMANCE WITH
CLAUSE 5.2.1.4.4



NOTE:
DIMENSIONS SHOWN ON DRAWING
ARE FOR REFERENCE ONLY.
MAXIMUM SPACE BETWEEN RAIL
BRACKETS NOT TO EXCEED 48''
NOTE 1:
REFER TO MANUAL BEFORE
ADJUSTING THIS SETTING

PIT PROP PROVIDED IN CONFORMANCE TO CLAUSE 5.2.1.4.2

ELEVATION VIEW B-B

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Part No.
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COMPLETED BY: kfiler@floridalifts.
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JOB No.
SHEET No. 2 OF 4

PROVISIONS BY OTHERS

*GENERAL

HOISTWAY- THE HOISTWAY MUST BE IN ACCORDANCE WITH "SAFETY CODE FOR ELEVATORS AND ESCALATORS" (ASME A17.1) AND ALL STATE AND LOCAL CODES.

PLUMB HOISTWAY- DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB AND SQUARE AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE- OWNER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE- OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL AREAS WHERE WALLS/FLOORS MAY REQUIRE TO BE CUT, DRILLED OR ALTERED IN ANY WAY TO PERMIT THE PROPER INSTALLATION OF THE LIFT.

DIMENSIONS

CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

PIT

WHERE REQUIRED PER, 2.2.2.5 IN THE ELEVATORS PROVIDED WITH FIREFIGHTERS EMERGENCY OPERATION, A DRAIN OR SUMP PUMP MIGHT BE REQUIRED BY OTHERS, CHECK LOCAL REQUIREMENT.

*STRUCTURAL

FLOOR/SUPPORT WALL LOADS- STRUCTURE TO ANCHOR A CRANK SHAFT AND SAFETY HARNESS, WHERE APPLICABLE/NEEDED, TO BE PROVIDED BY CONTRACTOR. CONTRACTOR TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

WHERE DOORS ARE REQUIRED- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS.

*MACHINE ROOM

LOCATION / ACCESS- MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

SLEEVES FOR OIL & ELECTRIC LINES- FROM MACHINE ROOM TO RUNWAY AS REQUIRED. (POSITION PER INSTALLERS INSTRUCTIONS). MINIMUM SCHEDULE 80 PIPING REQUIRED FOR OIL LINES.

	DISCONNECT SIZE	TIME DELAY FUSE SIZE	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP.	30 AMPS	30 AMPS	208 volt	Three Phase	15.6 AMPS
CAB LIGHTS	15 AMPS	15 AMPS	115 V	1	

*ELECTRICAL

POWER SUPPLY- (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BRAKE THE BATTERY FEED, OR CIRCUIT BREAKERS WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE, AS FOLLOWS: (LOCATED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR)

PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN, PERMANENT POWER MUST BE SUPPLIED.

LIGHTING- THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (19 FC) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FC) AMBIENT LIGHTING OVER LIFT AREA.

PHONE- NEED A DEDICATED PHONE LAND LINE (NOT VoIP) FOR THE PHONE, WHERE APPLICABLE. FOR VoIP PLEASE CONTACT SAVARIA.

*ENTRANCES

FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED .

ENTRANCE ASSEMBLIES- ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE ROUGH OPENING.

RETURN WALLS- RETURN WALLS AT ENTRANCES MUST BE BUILT-IN BY OTHERS AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLY MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

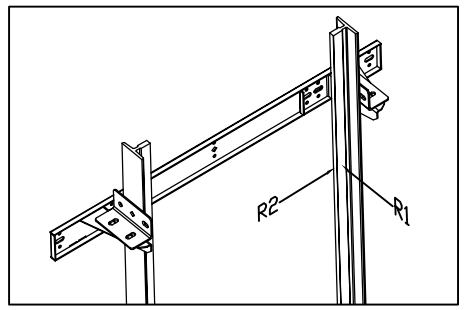
SPECIFICATIONS

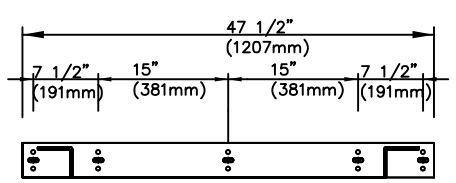
GENERAL

CLASSIFICATION:	Public Building
APPLIED CODE:	CSA/ASMEA17.1/B44-2010 Sec 5.2
MODEL:	Orion
CAPACITY:	1400lbs
NOMINAL SPEED:	30 fpm
TRAVEL:	138 "
PIT DEPTH:	14 "
POWER SUPPLY:	60 HzThree Phase 208 volt

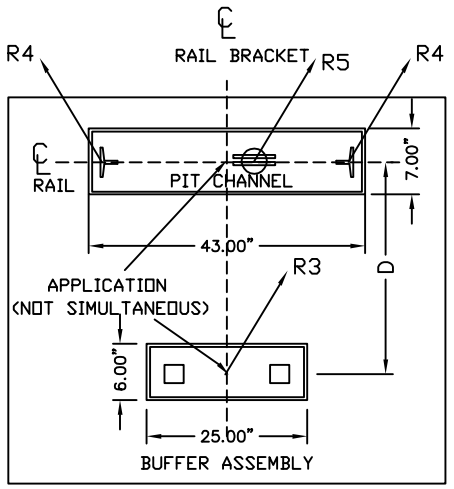
HYDRAULIC

PUMP MFR.	CONCORD
PUMP MODEL:	VICKERS 3P
MOTOR:	5.0 hp
VALVE MODEL NO.	EPV - 7
VALVE COIL VOLTS:	24 V DC
MAX WORKING PRESSURE:	1500 psi (10340 kPa)
RELIEF VALVE SETTING:	MAX 25% ABOVE ACTUAL WORKING PRESSURE
RESERVOIR:	22 Gal.
HOSE & SAFETY VALVE:	no





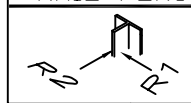
RAIL BRACKET



CAB WIDTH	DIST (D)
42"	31.625"
48"	31.625"
51"	31.625"
54"	31.625"

PIT RE-ACTION FORCE	
R3	8000 LBS
R4	3000 LBS
R5	9000 LBS

RAIL FORCES



*R1	*R2
720 lbf	260 lbf
RAIL WEIGHT	8.0 lbs / ft

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, eg.2 x 720 = 1440 lbf
FOR LOCAL APPLICATION OF PIT LOAD, R1 MUST BE DOUBLED.

SEE PIT CHANNEL/ BUFFER SKETCH.

FIRST DOOR BY LANDING CHART

	LANDING 1	LANDING 2
DOOR TYPE	2 Speed Sliding Doors (Wittur)	2 Speed Sliding Doors (Wittur)
ENTRANCE SIDE	Side A	Side A
DOOR LATCH	Right Hand	Right Hand
LOCK TYPE	Not Applicable	Not Applicable
AUTO DOOR OPENER	None	None
HALL CALL KEY SWITCH	Keyless	Keyless
HOISTWAY ACCESS		yes
FLOOR MARKING	1	2
MAIN EGRESS FLOOR	1	

OPTIONS

FASTENERS:	Concrete Anchors	FLOOD SWITCH:	Not Required
FIREMAN'S SERVICE:	Fireman Service	STATE SPEC. FIREMAN KEY:	N\A (FE0K1)
OVERSPEED GOV./VALVE:	OverSpeed Valve	SPEEDY SET-UP JIG:	Speedy Jig Not req.
CONDUCTOR CABLE:	40' cable		
DATA ACCESS TERMINAL:	No DAT		
DUPLINE PROGRAMMING TOOL:	Programmer not Incl.		
TEMP. RUN BUTTON:	Temp Run Button not incl.		
LANDING SIGNS:	no signs required		

CAR FINISH DETAILS

CAB PANEL SELECTION:	White Steel Colour
CEILING SELECTION:	standard (white)
CAB ENTRANCE:	Match Cab
PLASTIC LAMINATE FINISHES	Not Applicable
POT LIGHT FINISH:	Stainless Steel
TRIM COLOUR:	Not Applicable
CAR STATION PLATE:	stainless steel
HAND RAIL TYPE:	Stainless Steel Cylindrical
CAB FLOORING:	Plywood Floor
FINISHED FLOOR THICKNESS:	3/8" finish
TELEPHONE BOX:	no
TELEPHONE BOX FINISH:	Not Applicable
HAND FREE PHONE:	yes, with phone line monitoring

CAR DIMENSIONS/PLATFORM GATES

CAB TYPE:	Type 1 Left Hand
CAB HEIGHT:	84" Standard Cab Height
CAB OPERATION:	automatic operation
GATES REQUIRED:	Automatic Operated Gates
GATE TYPE:	2 Spd Doors (Wittur) match CAB
GATE FINISH:	Baked Enamel White
INSIDE PLATFORM AREA:	18 sf.

HOISTWAY

DOOR TYPE:	2 spd Sliding Doors (Wittur)
HOISTWAY DOORS FINISH:	Standard Finish (Primer Grey)
HOISTWAY FINISH:	Masonary

JACK UNIT

EFFECTIVE STROKE:	72"
SOLID PLUNGER O/D:	2 3/4 "
CYLINDER O/D:	3 1/2 "
CYLINDER I/D:	3 "
SPLIT CYLINDER?	no
COLLAPSED LENGTH:	86 3/4 "
CYLINDER WALL THICKNESS:	1/4 "

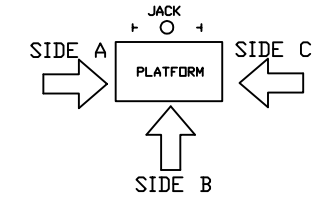
SUSPENSION

TYPE:	AIRCRAFT CABLE 2 X 3/8" DIA.
CONSTRUCTION:	IWRC 7 X 19, GALVANIZED STEEL RHRL
NOMINAL STRENGTH:	14,400 lbs Per Cable
SPECS:	MI-DTL-83420

OVER SPEED VALVE

MODEL: AS PER SECTION 3.19.4.7
BLAIN R10 AA
(1500psi (10340 kPa) MAX WORKING PRESSURE)

ENTRANCE SIDE LEGEND



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MODULE VERSION STAMP:	D-S-6.17

Data Sheet
LIMITED USE LIMITED APPLICATION

CUSTOMER: FLORIDA LIFTS LLC
PROJECT: FERARRA GROUP, LLC
ADDRESS: 2700 BISCAYNE BLVD MIAMI, FL 33137

DATE: 08/22/16
REVISION DATE: 08/22/16
COMPLETED BY: kfiler@floridalifts.
2

Part No.
Variant No. 76095

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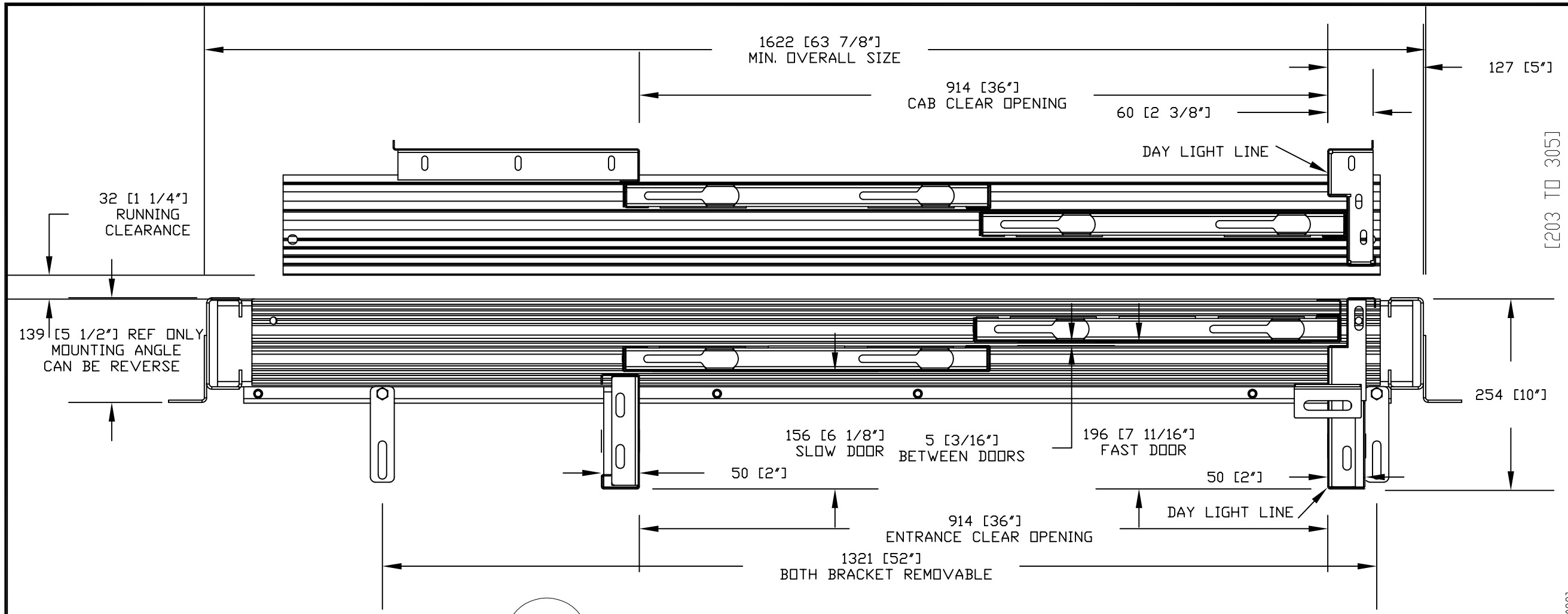
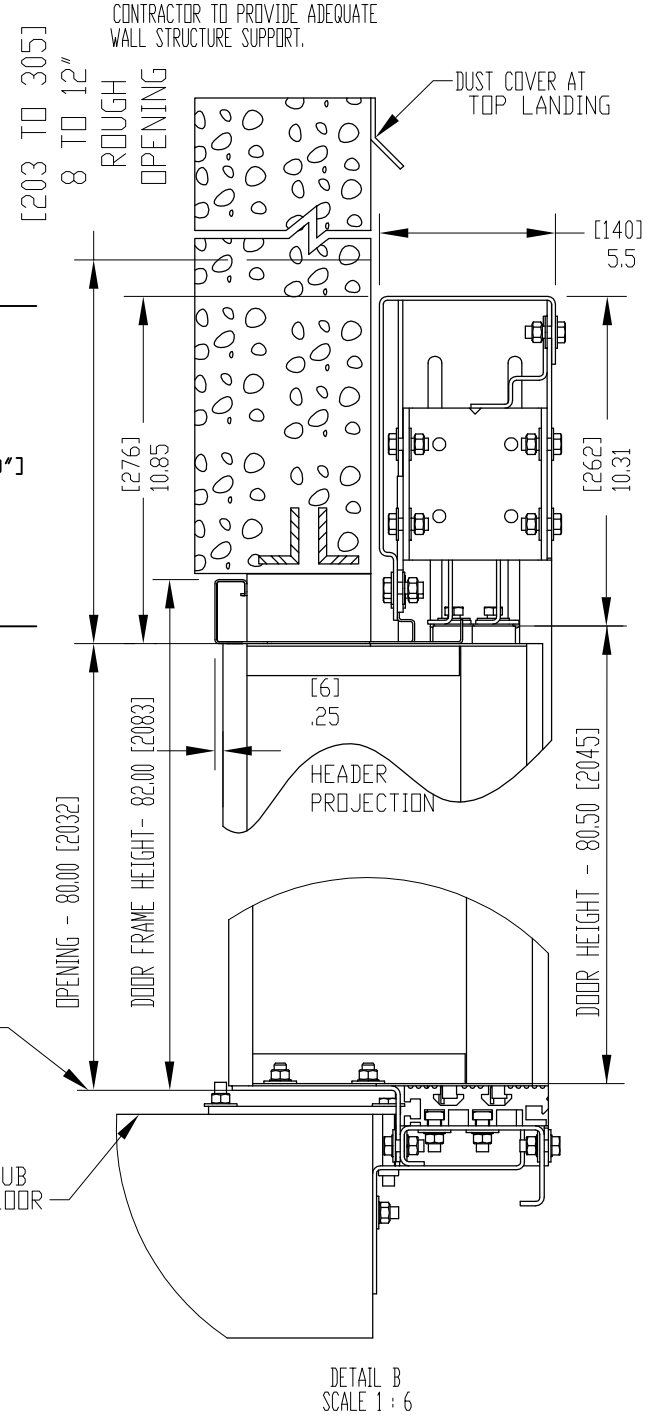
JOB No.
SHEET No. 3 OF 4

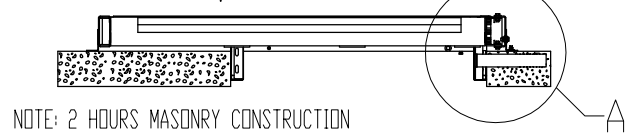
REVISIONS			
REV	ECO NO.	DATE	REVISED BY
000	07 - 0023	12/03/2007	1 ST RELEASE
001		04/05/2010	ALEXANDRE B

NOTE: ENTRANCE FRAME ASSEMBLY IS NOT DESIGN TO BEAR OVERHEAD LOADS. CONTRACTOR TO PROVIDE ADEQUATE WALL STRUCTURE SUPPORT.



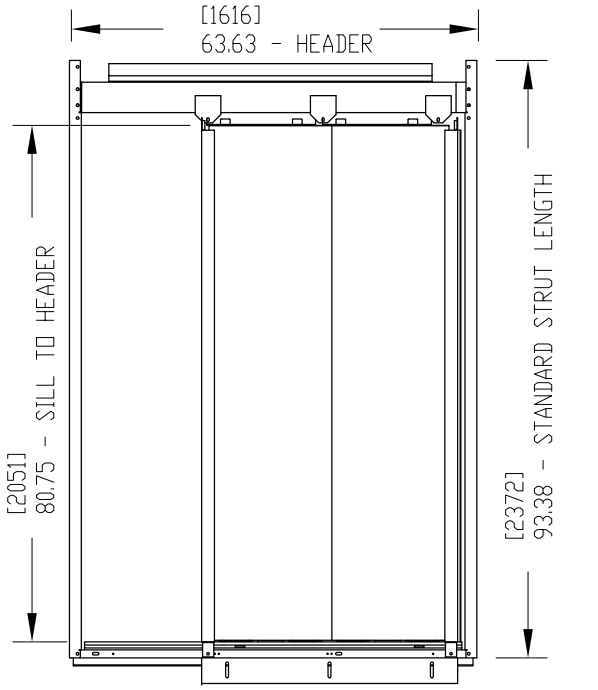


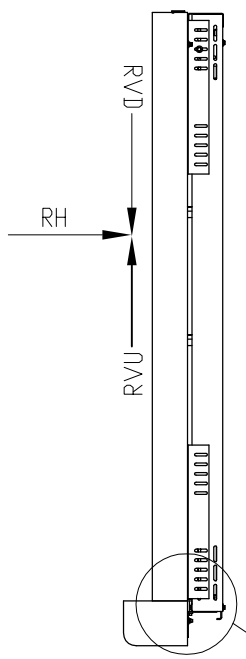
DETAIL B
SCALE 1 : 6

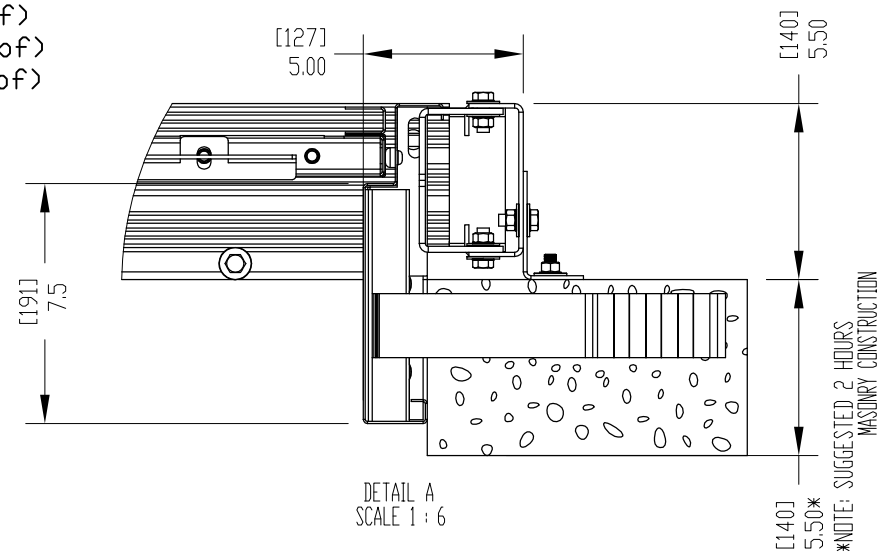


NOTE: 2 HOURS MASONRY CONSTRUCTION

ENTRANCE LOADS ON BUILDING
RH = 5000 N (1125 lbf)
RVD = 1550 N (350 lbf)
RVU = 1000 N (225 lbf)
PER SECTION 2.11.11.8.







DETAIL A
SCALE 1 : 6

RIGHT HAND SHOWN

LANDING 2 SP. DOOR ASSEMBLY

MASONARY CONSTRUCTION 36 X 80

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