

NOTE: SHOP DRAWINGS ARE NOT USED FOR PRODUCTION PURPOSES. LEVEL UP ONLY BUILDS TO THE FINAL RELEASE INFORMATION SUBMITTED ON THE ORDER CONFIRMATION FORMS.

Doc.No.A003-001 Rev.C Rev.date:03-10-2021

REVISION AND PRINT RECORD			
REV. BY	DESCRIPTION	DATE	FOR
PAB	INITIAL LAYOUT	11/05/25	APP

GENERAL SPECIFICATIONS

DESCRIPTION / MATERIAL / FINISH	
TYPE:	LVL SQ200 <input checked="" type="checkbox"/>
MODEL:	
FLOORS:	NUMBER OF STOPS: TWO <input checked="" type="checkbox"/> THREE <input type="checkbox"/> FOUR <input type="checkbox"/> FIVE <input type="checkbox"/>
COLOR:	COLOR: <input checked="" type="checkbox"/> BLACK (STANDARD) <input type="checkbox"/> LIGHT GRAY <input type="checkbox"/> WHITE <input type="checkbox"/> DARK GRAY <input type="checkbox"/> TAUPE <input type="checkbox"/> SILVER
TRAVEL HEIGHT & FLOOR MOUNTS:	T1:108.000 <input type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS <input checked="" type="checkbox"/> THROUGH FLOOR <input type="checkbox"/> BALCONY

D.C. 108.000 <input type="checkbox"/> INCHES <input type="checkbox"/> MILLIMETERS (OVERHEAD CLEARANCE)

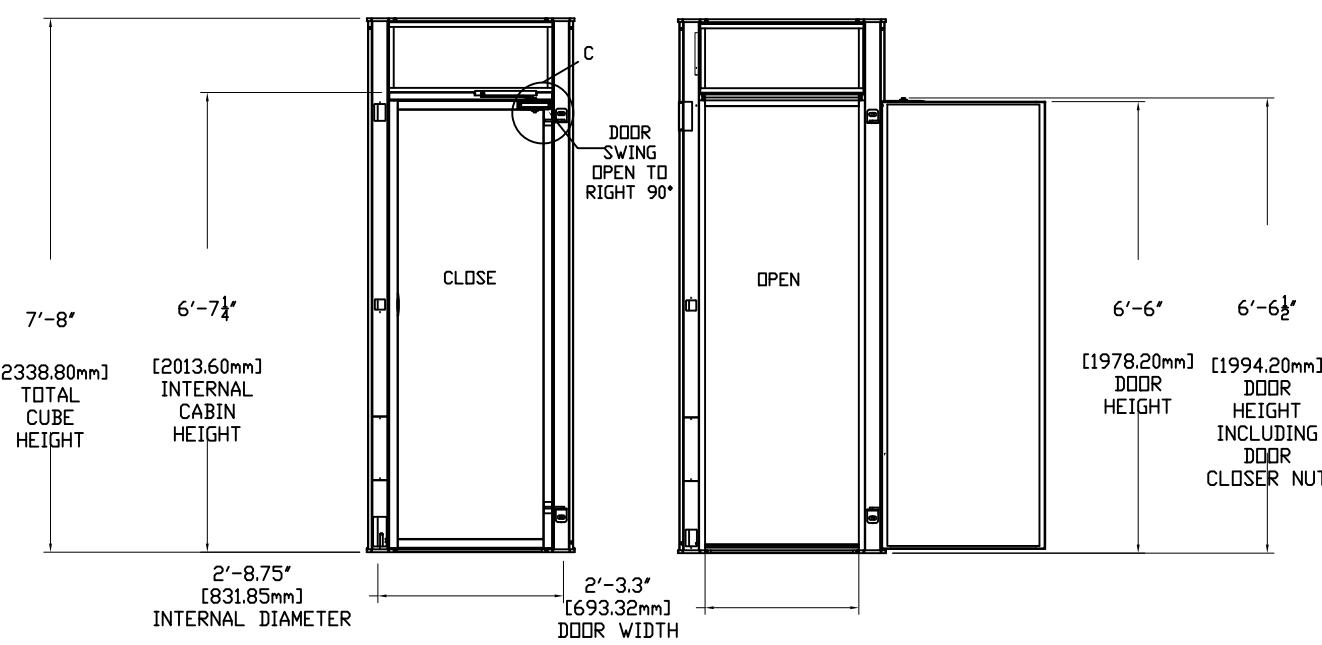
EXTENSION	TOP FLOOR EXTENSION OPTIONS:
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<input type="checkbox"/> SPLIT PLATE EXTENSION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
<input type="checkbox"/> HEAD UNIT EXTENSION <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

OTHER OPTIONS:
<input checked="" type="checkbox"/> CABIN TELEPHONE
<input type="checkbox"/> CABIN KEY LOCK
<input type="checkbox"/> EARTHQUAKE BRACKETS
<input type="checkbox"/> FOLDABLE CABIN SEAT
<input type="checkbox"/> 90 DEGREES LEFT DOORS
<input type="checkbox"/> 90 DEGREES RIGHT DOORS
<input type="checkbox"/> STANDARD MOUNT ACOUSTIC PACKAGE
<input type="checkbox"/> HOMING FEATURE
<input type="checkbox"/> REMOTE CONTROL BOX
<input type="checkbox"/> LED LIGHT PACKAGE
<input type="checkbox"/> REMOTE CONTROL (INCLUDES 1 REMOTE)
<input type="checkbox"/> AUTOMATIC DOOR OPENER
* ALL UPPER FLOORS DOORS MUST BE SAME SIDE

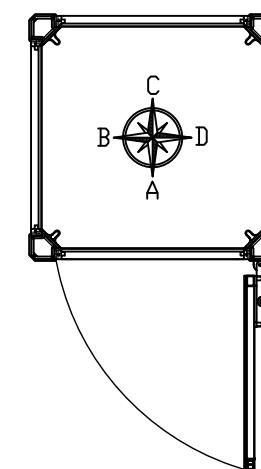
TOLERANCES UNLESS OTHERWISE SPECIFIED	
1" (25.4 MM) OR LESS <input type="checkbox"/> $\pm 1/32$ (.793 MM)	
OVER 1" (25.4 MM) LESS THAN 12" (300.00 MM) <input type="checkbox"/> $\pm 1/16$ (.0625) 159 MM	
OVER 12" (300.00 MM) LESS THAN 60" (1524 MM) <input type="checkbox"/> $\pm 1/8$ (.0125) 308 MM	
OVER 60" (1524 MM) TO 120" (3000 MM) $\pm 1/4$ (.025) 635 MM	

LEVEL UP
ELEVATORS & LIFTS LLC 
4151 WEST 108TH STREET
HAILEAH, FL 33018
(305) 884-1091 Fax (305) 884-1092

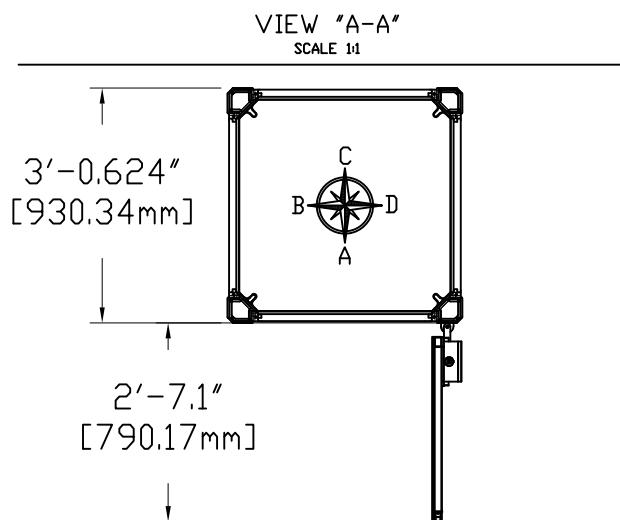
CUSTOMER:
JOB NAME:
LOCATION:
- SCALE : NTS
DRAWN BY: PAB FINALS :
CHECKED BY: JC RELEASED BY: -
CUSTOMER #: XX P.D.R. #: XX
JOB #: XXX-XXX-2SQ200 SHEET #: 1 OF 2



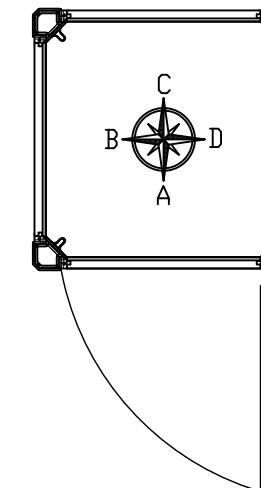
FRONT VIEW



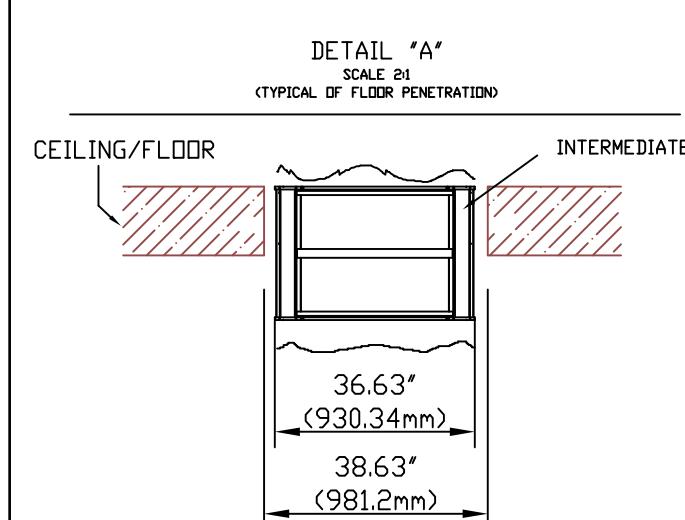
SECTION A-A DOOR SWING



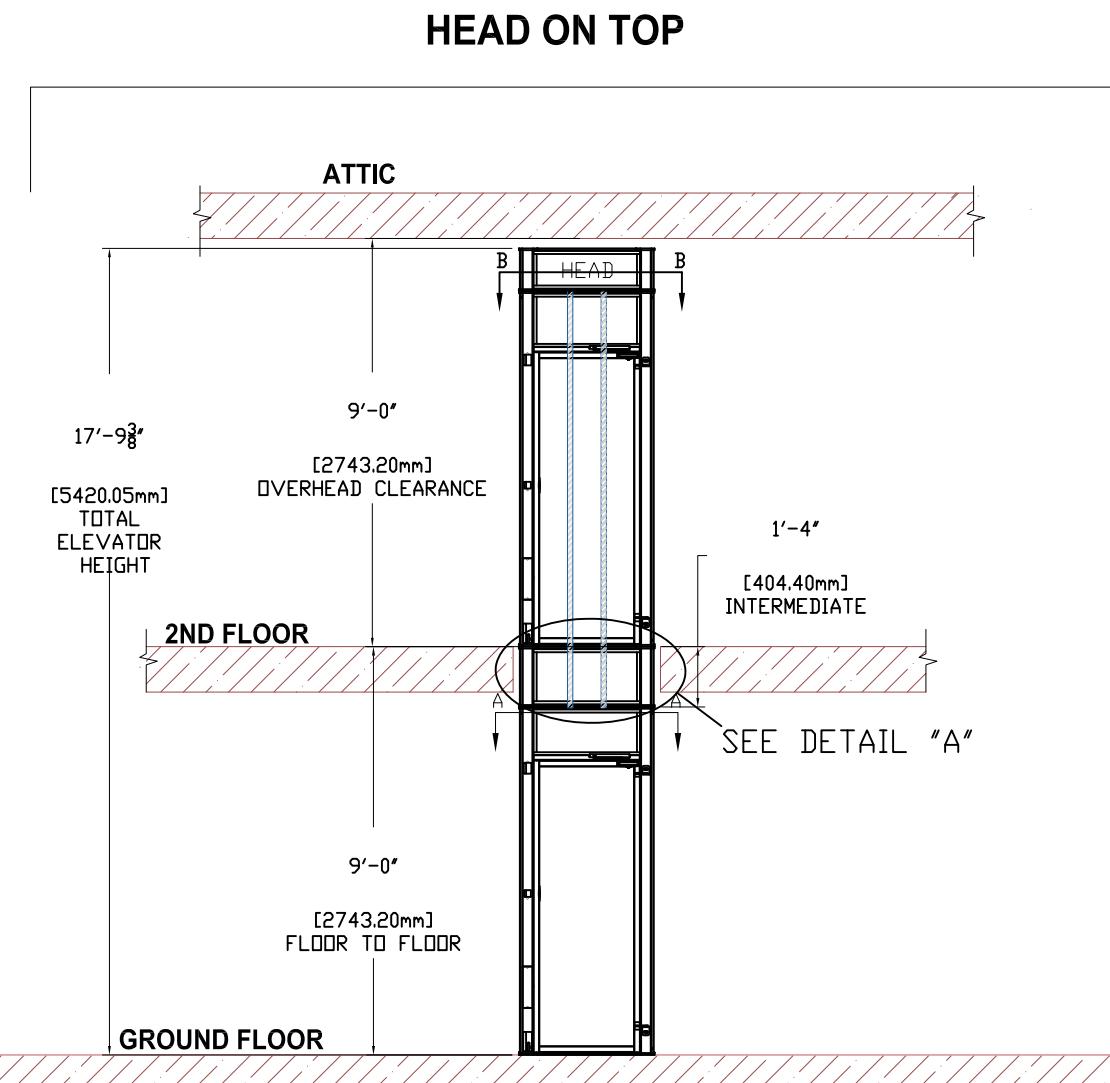
SECTION VIEW (TYPICAL)



SECTION B-B DOOR SWING



DETAIL A - TYPICAL OF FLOOR PENETRATION



NOTE:

- INTERNAL DIMENSION OF CABIN WITHOUT COLUMN IS 29 1/2" (749.3MM) AND THE INTERNAL CABIN HEIGHT IS 6'-5" (1651MM)
- DOOR WIDTH IS 26 1/2" (673.1MM)
- THE GIVEN LOAD ON THE GROUND FLOOR IS BASED ON A CAR FULL LOAD OF 450 LBS (204KG), BRAKE ANCHORING, AND MOMENTUM / STRESS UNDER BRAKING. THE LOAD IS 110 PSI. (NOTE: GIVEN LOAD IS WHEN CAR IS AT TOP FLOOR LANDING AND RESTING ON COLUMN/RAILING. THE LOAD IS TRANSMITTED VERTICALLY TO GROUND FLOOR VIA COLUMN)
- THE EQUIPMENT WEIGHT IS 1079 LBS
- THE DIMENSION OF EACH COLUMN IS 5.3"X4.77" (134.83MM X 121.19MM)
- AMERICAN SOCIETY OF MECHANICAL ENGINEERS ASME A 17.7 CERTIFICATE # NA 10 - 0842 - 1004 - 003 - 01

SHAFT VIEW OF ELEVATOR

REV. BY	DESCRIPTION	DATE	FOR
PAB	INITIAL LAYOUT	11/05/25	APP

DETAILS SHEET

General:

- External cylinder diameter: 37.75" (958.85mm)
- Rated Load: 500 lbs. (227 kg)
- Speed: 30-40 fpm
- No pit required. Bottom level floor must be 100% level as elevator rests on existing floor.
- No hoist way required.
- Penetration required to install through floors and ceilings: 39" (991mm)

Safety:

- UPS system for uninterrupted trip in the event of a power failure.
- Manual lowering hand crank device used in the event of a power failure AND backup failure.
- Mechanical emergency safeties within two inches of free fall in cable breakage or catastrophic failure.
- Electromechanical interlocks at each landing
- Alarm system and telephone

Certification:

- This elevator installation as defined in ai7.i will comply with ASME A17.1-2019, NEC-2020, and the building code IBC 2021 NJ ED. & FEM SEI ASCE 24-05 if applicable.

Cabin:

- Entrance width opening: 23 1/2 " (569.9mm)
- Internal cabin height: 79" (2006mm)
- Internal cabin diameter: 32" (812.8mm)
- Automatic LED lighting and cabin fan
- Door Height: 77" (1,956mm).
- Height to top of Door closer: 79" (2006mm).
- Each landing level specified will include only one door.
- 24 Volt electrical circuits with all controls in cabin.
- Push button call controls with precise leveling at each landing.

LVL SQ200 Electrical Specifications:

The following are the electrical requirements for a elevator, model series LVL SQ200:

- 220 VAC suggested nominal load, 220VAC - 240VAC is an acceptable range. (If installation does not have 220 VAC on a regular basis, a voltage regulator or transformer must be installed by the home owner). Voltage fluctuations are not covered by the warranty.
- 1 phase
- 3 Wire (L1, L2, Ground)
- 60/50 Hz
- Homeowner/Electrician needs to provide one 220V, 10A fused disconnect box and one 110V lighting circuit disconnect. Location of disconnect is requirement of local Authority Having Jurisdiction (AHJ).
- Controller needs to be mounted in eye view of the elevator, 36" minimum of working space in front of it
- A phone line with a phone jack is to be provided near the power supply, but isolated
- NEC620 Compliant light Box Specification Input 120V AC-2.1A, Output: 24V-4.5A max
- LEVEL UP DOES NOT PROVIDE POWER CABLE T MAIN DISCONNECT

Suspension:

- White Zinc Coated Steel Rope (7x19)
- IWRC 7X19 Wire Rope
- Nominal Strength: 6,600 lb (2993 kg) Drivetrain
- Winding Drum
- Motor 1.5 HP (1.1 kW - SA)
- Transmission: Gearbox
- Motor Control: Pre-programmed Variable Frequency Drive

It is strongly recommended that the electrician contact LEVEL UP before starting work.

TOLERANCES UNLESS OTHERWISE SPECIFIED	
1" (25.4 MM) OR LESS	±1/32" (.793 MM)
OVER 1" (25.4 MM) LESS THAN 12" (300.0 MM)	±1/16" (.625 MM)
OVER 12" (300.0 MM) LESS THAN 60" (1524 MM)	±1/8" (.125 MM)
OVER 60" (1524 MM) TO 120" (3000 MM)	±1/4" (.250 MM)

LEVEL UP ELEVATORS & LIFTS LLC		LEVEL UP ELEVATOR & LIFTS
4151 WEST 108TH STREET HAILEAH, FL 33018 (305) 884-1091 Fax (305) 884-1092		
CUSTOMER: _____		
JOB NAME: _____		
LOCATION: _____		
SCALE : NTS		
DRAWN BY: PAB	FINAL : _____	
CHECKED BY: JC	RELEASED BY: _____	
CUSTOMER #: XX	P. ORDER #: XX	
JOB #: XXX-XXX-2SQ200		SHEET #: 2 OF 2

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