



REVISION AND PRINT RECORD

REV. BY	DESCRIPTION	DATE	FOR
LC	INITIAL LAYOUT	6/11/26	APP

DETAILS SHEET



TOLERANCES UNLESS OTHERWISE SPECIFIED

1" (1.00) 25.4 MM OR LESS ±1/32 (0.031) .793 MM
OVER 1" (1.00) 25.4 MM LESS THAN 12" (12.00) 304.80 MM ±1/16" (0.625) 1.59 MM
OVER 12" (12.00) 304.80 MM LESS THAN 60" (60.00) 1524 MM ±1/8" (1.25) 3.18 MM
OVER 60" (60.00) 1524 MM TO 120" (120.00) 3048 MM ±1/4" (2.50) 6.35 MM

**LEVEL UP ELEVATORS & LIFTS LLC** 

4151 WEST 108TH STREET  
 HIALEAH, FL 33018  
 (305) 884-1091 Fax (305) 884-1092

CUSTOMER: -	SCALE : NTS
JOB NAME: -	FINALS : -
LOCATION: -	RELEASED BY: XX
DRAWN BY: LC	P.ORDER #: XX
CHECKED BY: JC	
CUSTOMER#: XX	

NOTE: SHOP DRAWINGS ARE NOT USED FOR PRODUCTION PURPOSES. LEVEL UP ONLY BUILDS TO THE FINAL RELEASE INFORMATION SUBMITTED ON THE ORDER CONFIRMATION FORMS.  
 THIS ELEVATOR INSTALLATION AS DEFINED IN A17.I WILL COMPLY WITH ASME A17.1-2019, NEC-2020, AND THE BUILDING CODE IBC 2021 NJ ED. & FEMA: SEI ASCE 24-05 IF APPLICABLE.

**General:**

- External cylinder diameter: 52.75" (1339.85mm)
- Rated Load: 900 lbs. (408 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: 54.75" (1391m)

**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.

**Cabin:**

- Entrance width opening: 32" (813mm)
- Internal cabin height: 79" (2006mm)
- Internal cabin diameter: 43 1/2" (1118mm)
- Automatic LED lighting and cabin fan
- Door Height: 79" (2006mm)
- Height to top of Door closer: 80 1/2" (2045mm)
- 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 CY300 Electrical Specifications**

The following are the electrical requirements for a elevator, model series LVL CY200:

- 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 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 2.95 HP (2.2 kW - SA)
- Transmission: Gearbox
- Motor Control: Pre-programmed Variable Frequency Drive

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

Shop drawings are not used for production purposes. LVLUP only builds to the final release information submitted on the ORDER CONFIRMATION forms