

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

GENERAL SPECIFICATIONS

DESCRIPTION / MATERIAL / FINISH

TYPE: CY200 SQ200 CY300 FLOORS: NUMBER OF STOPS: TWO (2) THREE (3) FOUR (4) FIVE (5) COLOR: COLOR: BLACK (STANDARD) LIGHT GRAY WHITE DARK GRAY TAUPE SILVER

TRAVEL HEIGHT & FLOOR MOUNTS:

T1: 108.000" INCHES MILLIMETERS THROUGH FLOOR BALCONYT2: 108.000" INCHES MILLIMETERS THROUGH FLOOR BALCONYT3: INCHES MILLIMETERS THROUGH FLOOR BALCONYT4: INCHES MILLIMETERS THROUGH FLOOR BALCONYD.C. 108.000" INCHES MILLIMETERS

<OVERHEAD CLEARANCE>

REMOTE CONTROLLER: YESCONTROL PANEL DISTANCE..... ft. m

NOTE: 30ft. (10m MAXIMUM)

EXTENSION: TOP FLOOR EXTENSION OPTIONS:

 YES NOSPLIT PLATE EXTENSION YES NOHEAD UNIT EXTENSION YES NO

OTHER OPTIONS:

 CABIN TELEPHONE REMOTE CONTROL (INCLUDE 1 REMOTE) ADDITIONAL REMOTE(+1 REMOTE) STANDARD MOUNT ACOUSTIC PACKAGE 180 DEGREE OPPOSITE DOORS AUTOMATIC DOOR OPENERS (x2)

* ALL UPPER FLOORS DOORS MUST BE SAME SIDE AS ONE ANOTHER FOR CUSTOM DOOR SWING CONFIGURATION

TOLERANCES

UNLESS OTHERWISE SPECIFIED

1" (100) 25.4 MM OR LESS $\pm 1/32$ (0.031793 MM)OVER 1" (100) 25.4 MM LESS THAN 12" (300) 304.80 MM $\pm 1/16$ (0.0625159 MM)OVER 12" (300) 304.80 MM LESS THAN 60" (1500) 1524 MM $\pm 1/8$ (0.025318 MM)OVER 60" (1500) 1524 MM TO 120" (3000) 3048 MM $\pm 1/4$ (0.025635 MM)

LEVEL UP

ELEVATORS & LIFTS LLC



4151 WEST 108TH STREET

HIALEAH, FL 33018

(305) 884-1091 Fax (305) 884-1092

CUSTOMER: -

JOB NAME: -

LOCATION: -

SCALE : NTS

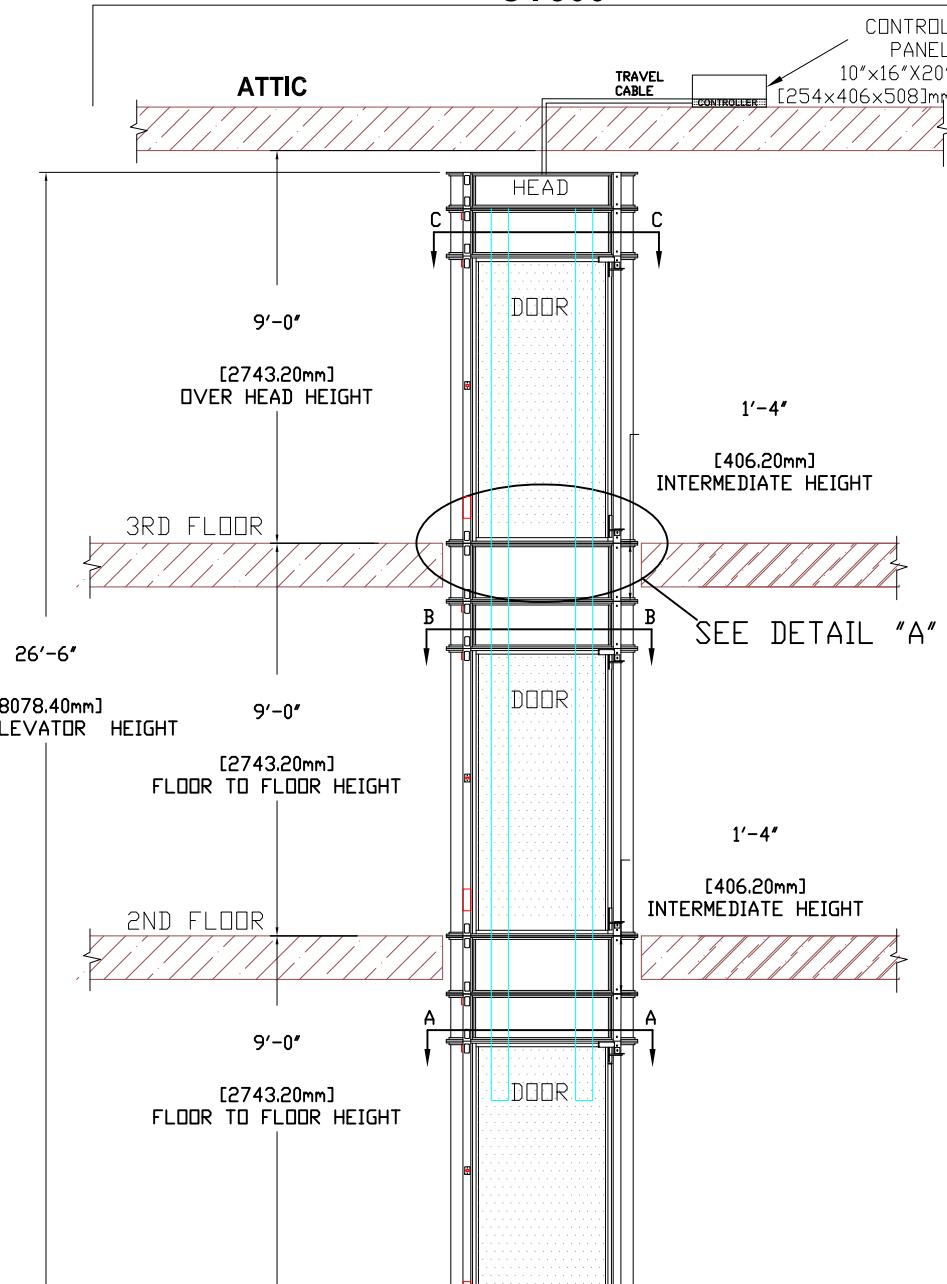
DRAWN BY: DD FINALS : -

CHECKED BY: JC RELEASED BY: XX

CUSTOMER #: XX P. ORDER #: XX

JOB #: --352 SHEET #: 1 OF 2

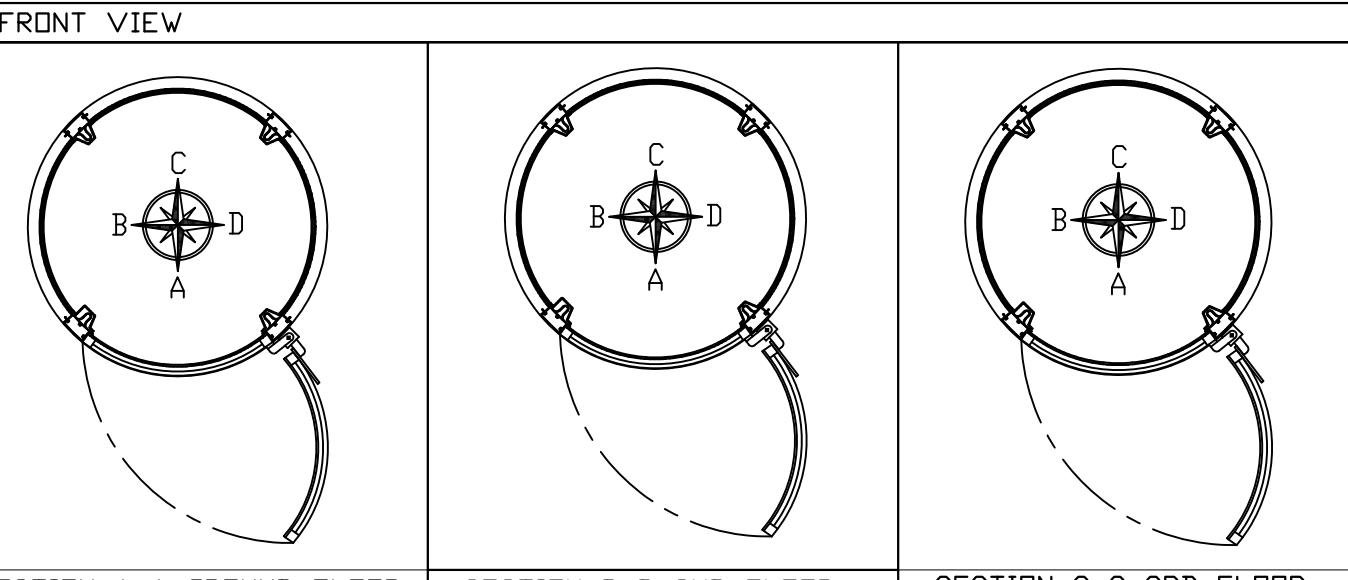
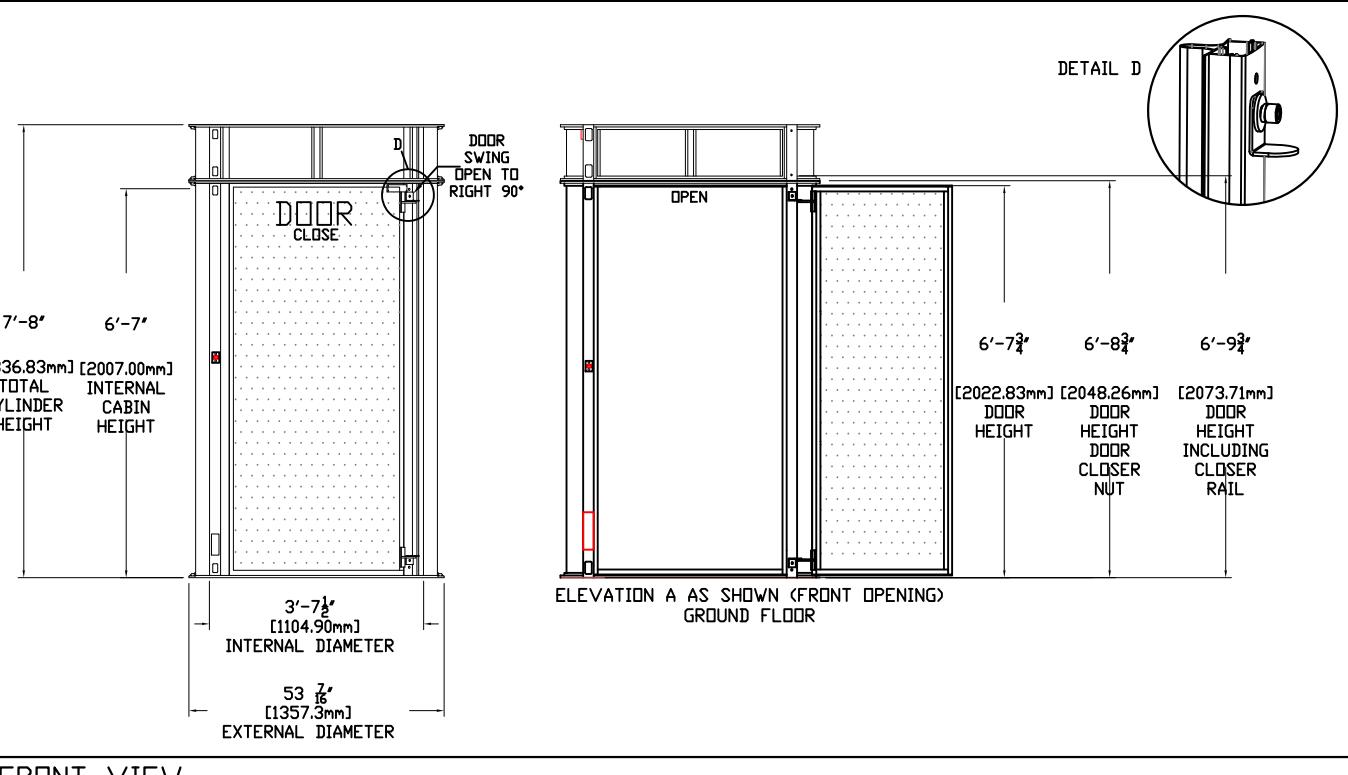
NOTE: SHOP DRAWINGS ARE NOT USED FOR PRODUCTION PURPOSES. PVE ONLY BUILDS TO THE FINAL RELEASE INFORMATION SUBMITTED ON THE ORDER CONFIRMATION FORMS.

HEAD ON TOP
CY300

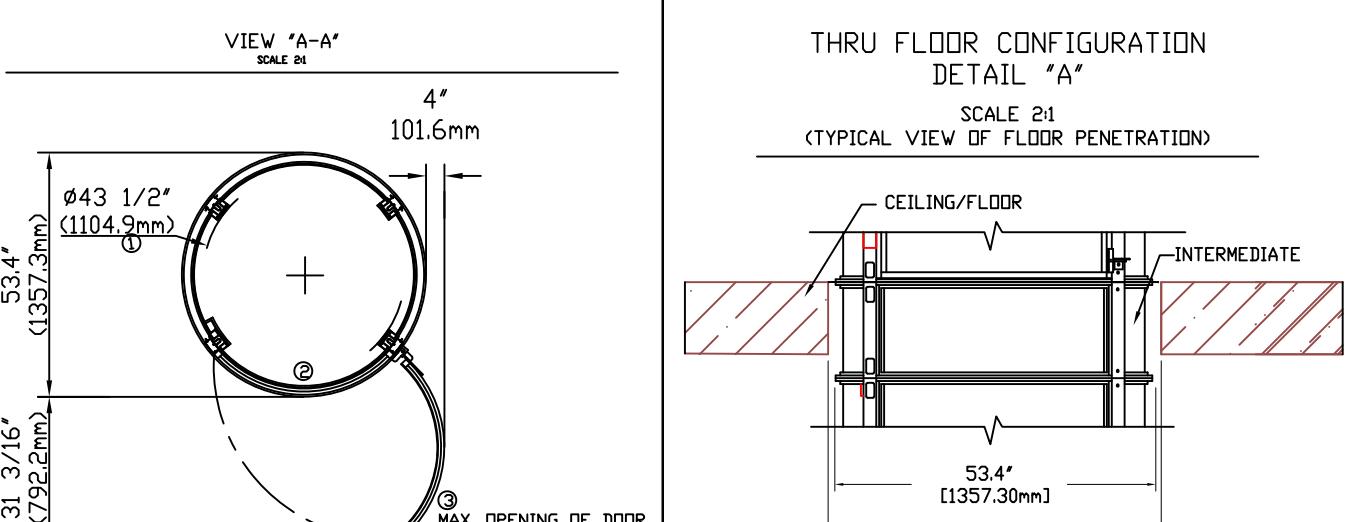
GROUND FLOOR

NOTE:

- INTERNAL DIAMETER OF CABIN WITHOUT COLUMN IS 47 3/4" (1212.85mm) AND THE INTERNAL CABIN HEIGHT IS 6'-7" (2.006M)
- DOOR WIDTH IS 37 9/16" (954.09mm)
- ENTRANCE WAY WIDTH OPENING IS 32" (812.8mm)
- THE GIVEN LOAD ON THE GROUND FLOOR IS BASED ON A CAR FULL LOAD OF 525 LBS (238KG), BRAKE ANCHORING, AND MOMENTUM / STRESS UNDER BRAKING. LOAD IS 93 PSI. (NOTE: GIVEN LOAD IS WHEN CAR IS AT TOP LANDING AND RESTING ON COLUMN / RAILING. THE LOAD IS TRANSMITTED VERTICALLY TO GROUND FLOOR VIA COLUMN)
- THE EQUIPMENT WEIGHT IS 1680 LBS
- THE DIMENSION OF EACH COLUMN IS 4.2" X 1.65" (106.68MM X 41.91MM)
- AMERICAN SOCIETY OF MECHANICAL ENGINEERS ASME A 17.1 - 2019



SECTION A-A GROUND FLOOR SECTION B-B 2ND FLOOR SECTION C-C 3RD FLOOR



SECTION VIEW (TYPICAL) DETAIL "A" (TYPICAL FLOOR PENETRATION)

SHAFT VIEW OF ELEVATOR

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DETAILS SHEET

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" (1391mm)

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: 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.

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

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.

TOLERANCES

UNLESS OTHERWISE SPECIFIED

1" (25.4 MM) OR LESS $\pm 1/32$ (.031) .793 MM
 OVER 1" (25.4 MM) LESS THAN 12" (300.0 MM) $\pm 1/16$ (.0625) 1.59 MM
 OVER 12" (300.0 MM) LESS THAN 60" (1524 MM) $\pm 1/8$ (.125) 3.08 MM
 OVER 60" (1524 MM) TO 120" (3000 MM) $\pm 1/4$ (.250) 6.35 MM

LEVEL UP ELEVATORS & LIFTS LLC 
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