

GENESIS VERTICAL PLATFORM LIFT:

Code Reference: ASME A18.1–2014 "Safety Standard for Platforms Lifts and Stairway Chairlifts"

General: Color – Standard (Silver Moon powdered aluminium extrusions with 16 ga. galvanized steel panels powder coated Silver Moon, and 3/16" clear plexi panels)
Indoor Unit – Pit Mount
ANSI Z97.1 Plexiglass Etching
Number of Stops – Two Stop Kit

Drive Mast Model – GVL–EN–144
Chain Hydraulic drive system c/w Continuous Mains Power with Auxiliary Battery Power System, Platform Emergency Lowering (shipped loose), Shoring Pin, & Pressure Gauge
Motor – 2.2 kW, (3.00 HP), 24 VDC
Travel Speed – 340 kg @ 5.2 m/min [750 lb @ 17 ft/min]
Power Supply – 120 VAC, single phase, 60 Hz, on a dedicated 15 amp. circuit
Equipped with – Electrical Disconnect (shipped loose) (x1), Oil Recovery System, Split Mast Kit

Controls: Platform Controls – Push–Button (Tactile) Type c/w Illuminated Directional Buttons, Courtesy Lighting, Illuminated Round (push/pull) Emergency Stop Switch & Audible Alarm
Lower Landing Call Station – Push Button (Tactile) Wall Mount
Upper Landing Call Station – Push Button (Tactile) Wall Mount

Platform: Size – Standard c/w grab rail, anti–skid deck and 1100mm [43 1/4"] high walls
Configuration – Straight Through (180°) Exit/Entry
Capacity – Maximum 340 kg [750 lb] operating load

Door/Gates: Lower – 36" wide Clear Plexiglass Door c/w Powerlock 2000 Interlock & Omaha Door Stop
Upper – 36" wide Clear Plexiglass Door c/w Powerlock 2000 Interlock & Omaha Door Stop
NOTE: Factory Pre–Wire for PDO's by Others at Upper Landing.

Enclosure: Panels – Clear Plexiglass & Steel
Total Unit Weight – Approximately 1575 lb [716 kg]
Lifting Ht. (H1) – 3658mm [144"] lower to upper floor plus 76mm [3"] deep pit
Equipped with – Service Bypass Key Kit

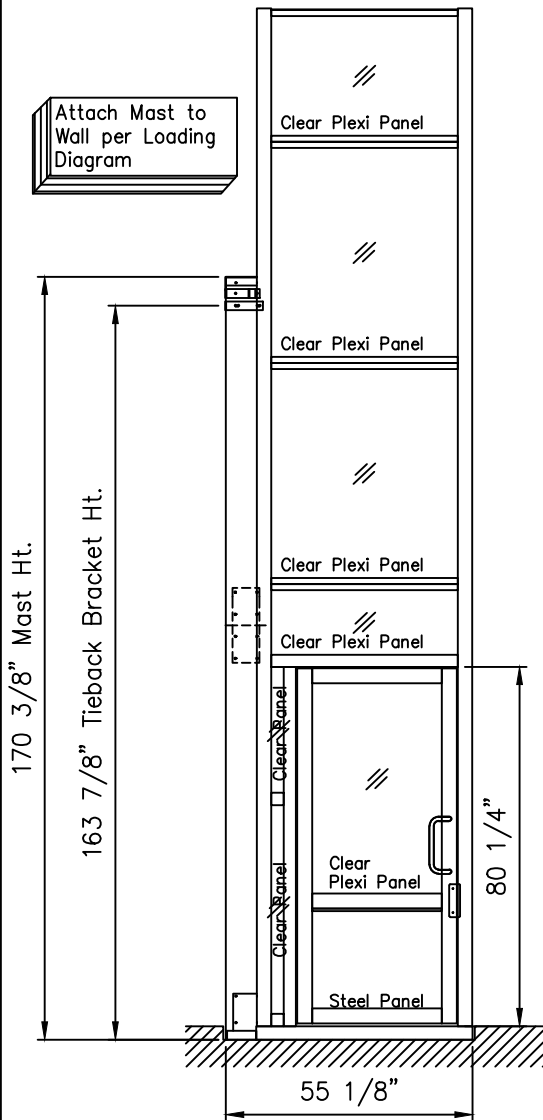
A	INITIAL RELEASE				UNITS: INCHES	AUG/12/21	AU		
REV.	SCALE: 1: 40	TOLERANCES:	DIMENSIONAL ±1/32	ANGULAR ±0.5°	PROJECTION: 	DATE	DRN.BY	CHK.BY	
 18920 36TH AVENUE SURREY,BC,CANADA V3Z 0P6 PH: ++1 604 594 0422 FAX: ++1 604 594 9915 http://www.garaventlift.com					GENESIS ENCLOSURE – iGOLDD DRAWING				67316–IG–A
					NLV BUILDING 31 3140 SW LONGVIEW BLVD LEE’S SUMMIT MO 64081 PAGE 1 OF 5				
					Access Elevator and Lifts Inc				

**DEDICATED CIRCUIT SUPPLIED BY OTHERS:**

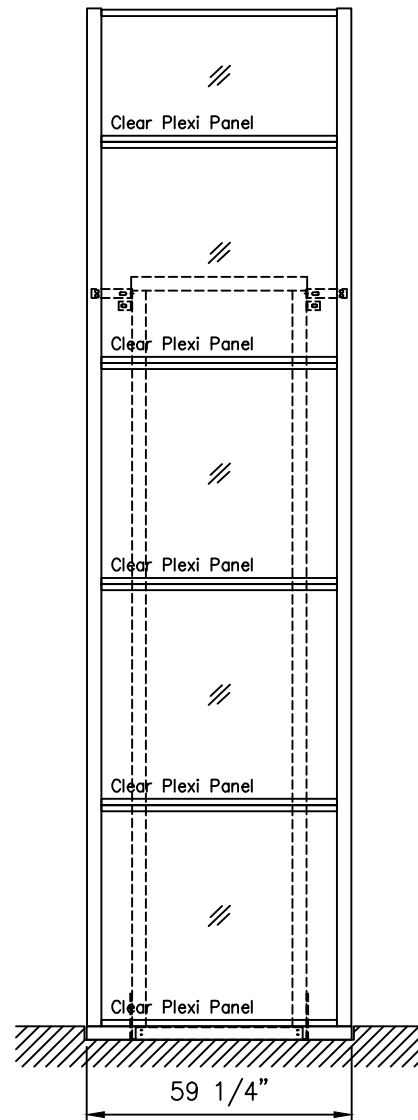
120 VAC / 1 PHASE – 60 Hz.

Conduit and devices to suit local codes and a recommended 15 amp. dedicated circuit.

Attach Mast to Wall per Loading Diagram



LOWER LANDING VIEW



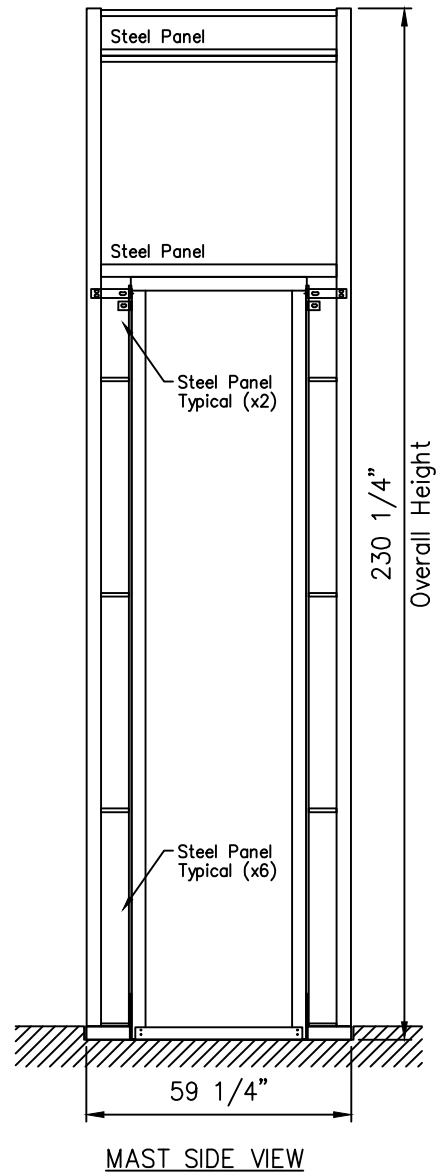
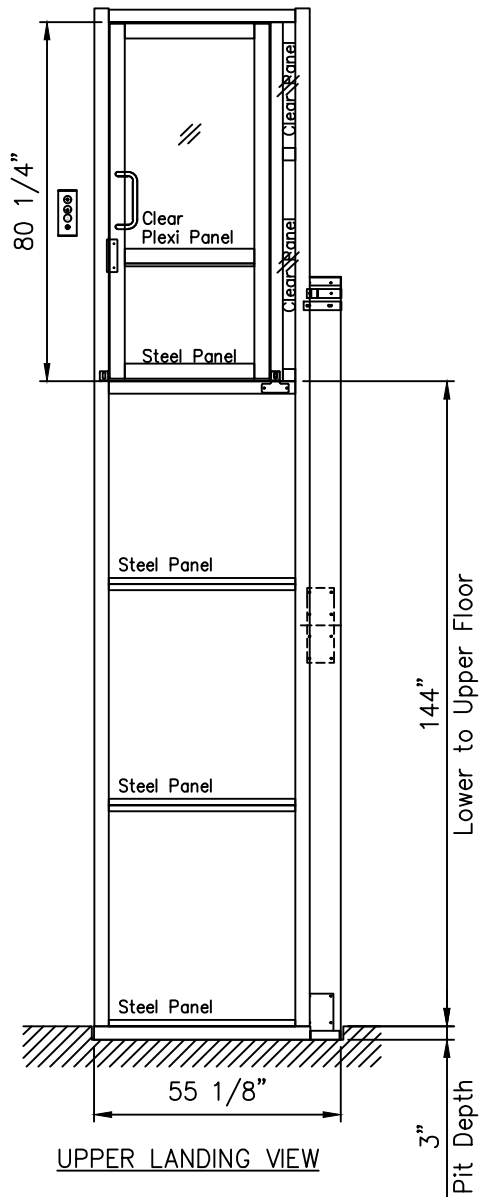
FRONT SIDE VIEW

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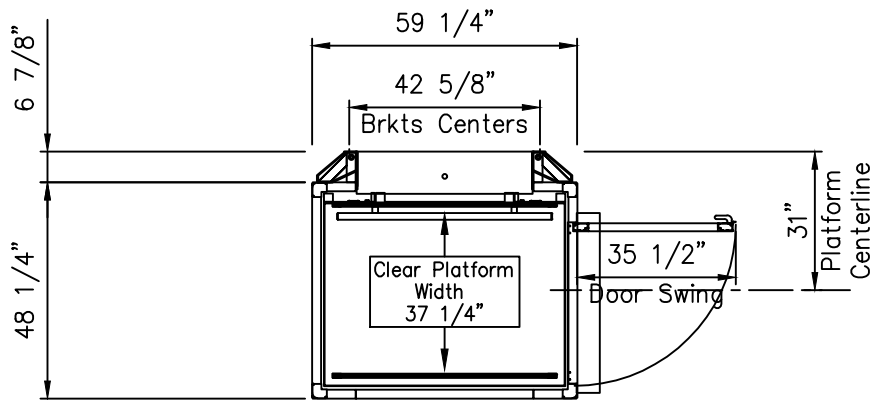
Wall Mount Call Station(s)
(Position & Installation by Others)

LIFT HEIGHT
H1=147"

(H1=Lower to Upper Floor+Pit Depth)

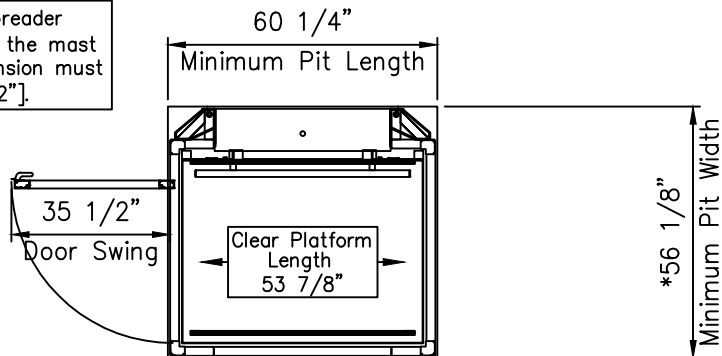


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UPPER LANDING PLAN VIEW

* NOTE: If a tie back rail (spreader bar) is to be used to attach the mast to a wall, the pit width dimension must be increased by 38mm [1 1/2"].



LOWER LANDING PLAN VIEW

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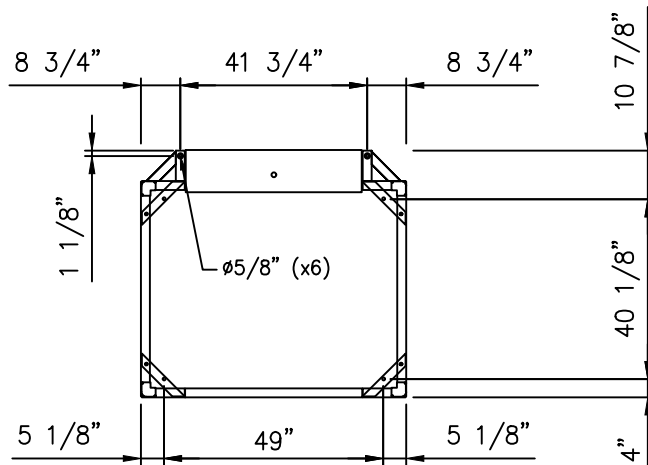
SYM.	DESCRIPTION	VALUE (MAX.)
F1 = 1000 lb	PAYLOAD (MAX.)	3335 N [750 lb]
	CAR (PLATFORM) WEIGHT	1110 N [250 lb]
F2	MAST WEIGHT	2335 N [525 lb]
F3	FLOOR REACTION	7784 N [1750 lb]
F4	FLOOR REACTION	2536 N [570 lb]
F5	TIEBACK REACTION	787 N [177 lb]
F6	ENCLOSURE WEIGHT	3559 N [800 lb]

L1	L2	PLATFORM SIZE	MODEL	MAST HEIGHT	TIEBACK HEIGHT
26 7/8"	46 1/8"	STANDARD	144"	170 3/8"	163 7/8"

SPECIAL NOTE:

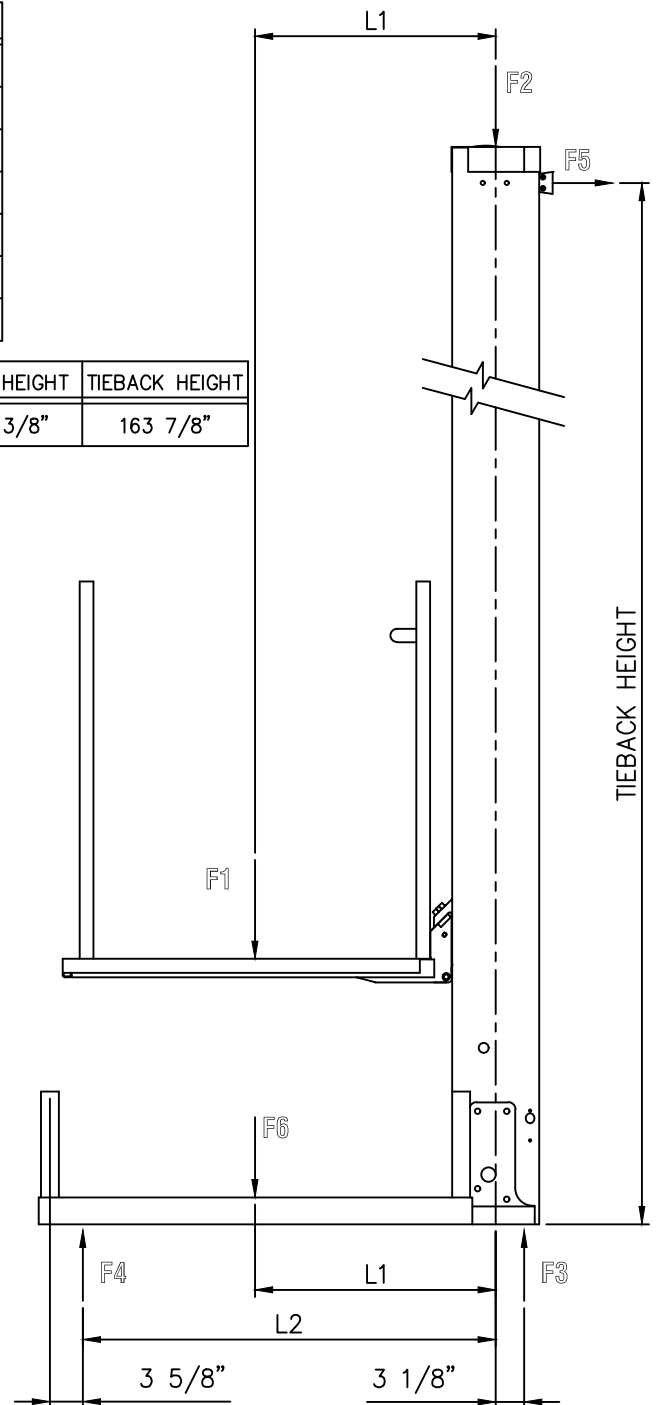
These are reaction forces generated by the lift. Adhere to local building codes, regulations, and safety factors for supporting structures. Consult a structural engineer or architect in your jurisdiction. Wind loading effects are not considered in these calculations. Consult manufacturer.

BASE MOUNTING DETAILS



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DETAIL 1 – ENCLOSURE MODEL LOADING DIAGRAM

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