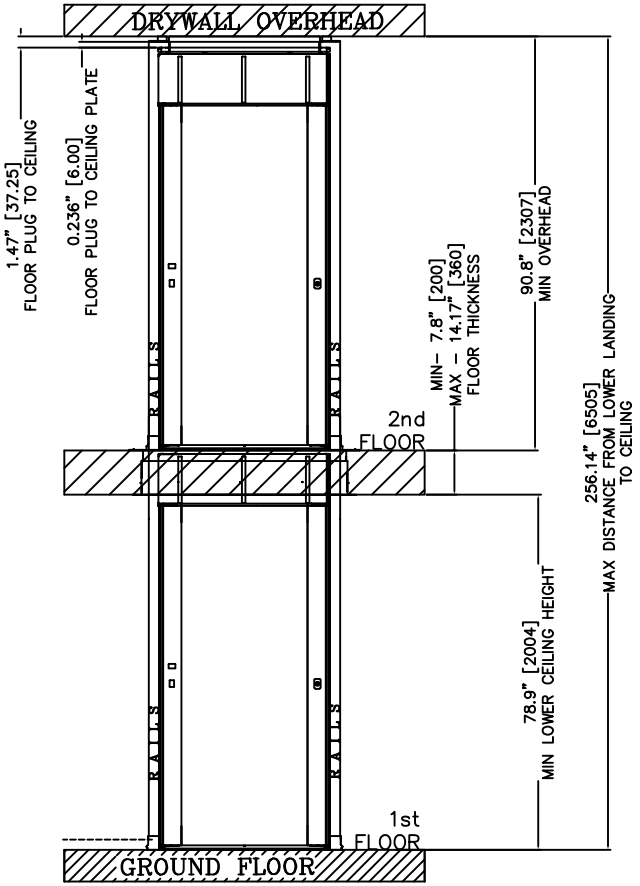
LUMA - 1905 mm CAB

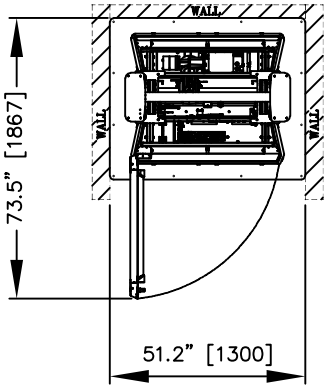


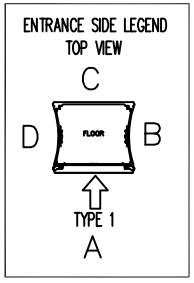
WARNING!!! NO HEATED FLOOR BELOW FLOOR PLATES

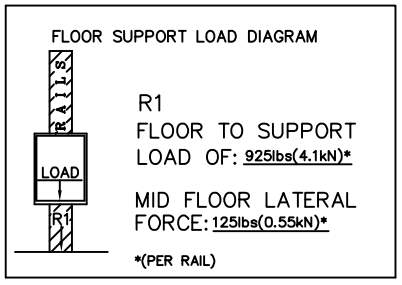
FRONT VIEW – LUMA TYPE 1
SCALE: 2:1

MINIMUM SPACE REQUIRED FOR INSTALLATION

TOP VIEW – LUMA TYPE 1
SCALE: 2:1







FORCES

PROVISIONS BY OTHERS

GENERAL

FLOOR OPENING – THE FLOOR OPENING MUST BE DESIGNED AND BUILT TO "BEST CONSTRUCTION PRACTICES" AND SPECIFIC LOAD REQUIREMENTS FOR THE RAILS AND TO SUPPORT THE FLOOR AROUND OPENING. TO BE IN ACCORDANCE WITH ALL STATE/PROVINCIALS AND LOCAL CODES.

PLUMB RUNWAY– DUE TO CLOSE RUNNING CLEARANCES OWNER/ AGENT MUST ENSURE THAT ALL THE OPENINGS ARE LEVEL, 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 DRAWINGS.

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.

STRUCTURAL

FLOOR/SUPPORT WALL LOADS– QUALIFIED PERSONNEL TO ASSURE THAT BUILDING AND FLOOR WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

RAILS TO BE SECURELY FASTENED– THE RAILS MUST ALWAYS BE SECURELY FASTENED TO THE FLOOR LINER. REFER TO CEILING / FLOOR SUPPORT LOAD/ FLOOR PLUG DIMENSIONS ON THIS DRAWING.

ELECTRICAL

GENERAL– ELECTRICAL EQUIPMENT AND WIRING TO COMPLY WITH SECTION 38 OF CSA C22.1 (CANADA) OR SECTION 620 OF NEC ANSI/NFPA 70 (USA).

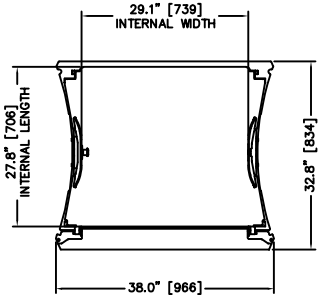
POWER SUPPLY– 120VAC–240VAC, 15A, 60HZ, 1PH CIRCUIT THROUGH A WALL OUTLET.

FLOOR PLATES–WARNING! NO HEATED FLOOR BELOW FLOOR PLATES

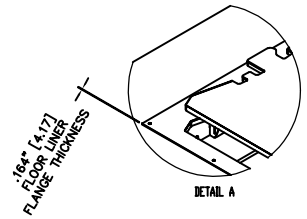
CODE

THIS LIFT IS DESIGNED, MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS :
ASME A17.1 PART 5.3, NEC AND IBC.
SAVARIA'S RESPONSABILITY IS LIMITED TO THE DESIGN AND MANUFACTURING REQUIREMENTS OF THESE CODES AND EXCLUDES REQUIREMENTS RELEVANT TO THE INSTALLATION AND INSTALLATION SITE.

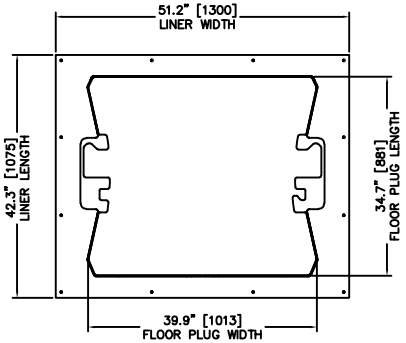
CUSTOMER :			
PROJECT :			
DATE :			
PROJECTION	TOLERANCES IF NOT SPECIFIED FRAC: ±1/8" [3]		
SCALE: NOT TO SCALE	DRAWN BY: DS	savaria™	
DATE: FEBRUARY 10, 2025			
DRAWING # JOB NUMBER	REV# 1	PAGE: 1	TITRE: LUMA LAYOUT

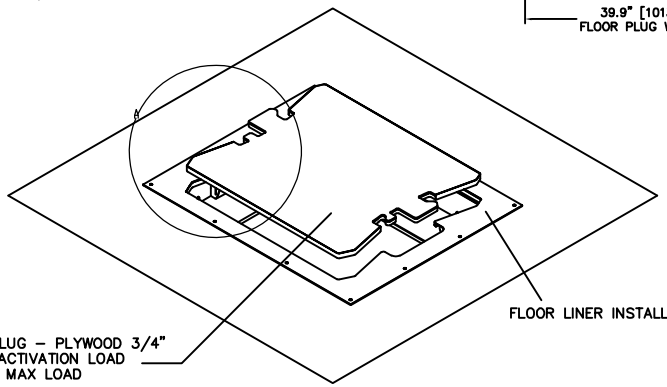


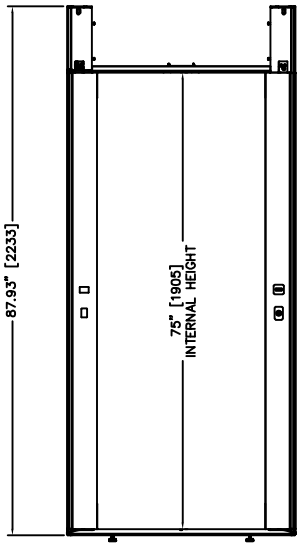
TOP VIEW CAB INTERIOR
SCALE: 3:1



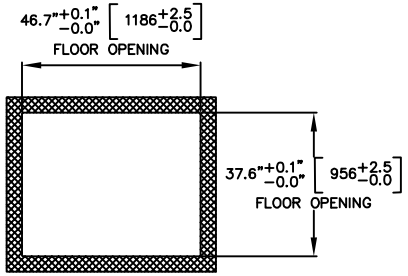
FLOOR PLUG SYSTEM
SCALE: 3:1







FRONT VIEW CAB INTERIOR
SCALE: 3:1



2"X6" OR 2"X8" WOOD BEAM TO BE FIRMLY CONNECTED THROUGH COUNTER BORE HOLES TO HAVE FLUSH END

2ND FLOOR CUTOUT – LUMA TYPE 1
SCALE: 2:1

LUMA SPECIFICATIONS

Capacity	180 kg / 400 lb
Nominal Speed	0.076 m/s – 15 ft/min
Power Supply	100 – 240 VAC, single phase, 15A
Drive System	Winding drum
Operating Temperature	10 C to +35 C
Cab Size	Type1: 739mm x 706 mm (29.1" X 27.8") Type 2: 739mm x 655 mm (29.1" X 25.8")
Cab walls	Clear Acrylic
Cab interior height	2000mm (78.74 in) / 1905 mm (75 in)
Cab floor area	0.57 m^2 (890 in^2)
Maximum Travel	4200 mm (165.35")
Distance between 2 Landings (minimum)	300 mm (11.8 in)
Noise Level (Typical Installation)	55 db
Daily Cycle	40
Levels Serviced	2
Overhead Clearance (Minimum) for 2000 mm cab	2402 mm (94.5 in)
Overhead Clearance (Minimum) for 1905 mm cab	2307 mm (90.8 in)
Minimum Lower ceiling height (2000mm cab)	2099 mm (82.64 in)
Minimum Lower ceiling height (1905mm cab)	2004 mm (78.9 in)
Max distance from lower landing to top ceiling(2000 mm Cab)	6601 mm (259.9 in)
Max distance from lower landing to top ceiling (1905 mm Cab)	6505 mm (256.14 in)
FLOOR THICKNESS	MIN– 200 mm (7.88 in) MAX – 360 mm (14.17 in)
Control System	Universal Vertical Controller
Compliancy	ASME 17.1, EN 81–41
Safety feature	Overspeed, slack rope, manual lowering, e–stop, Top & Bottom safety pans.
Phone System	One Touch Alert
Options	Type 1&2 Standard Height Lower height

SAFETY FEATURES

1) CSA CERTIFIED WR500 LOCK
2) UNDER PANEL SAFETY SENSOR
3) EMERGENCY STOP AND ALARM
4) EMERGENCY BATTERY
5) ENCLOSED DRIVE BOX
6) SLACK ROPE SAFETY DEVICE
7) OVER SPEED SAFETY DEVICE
8) TELEPHONE PUSH BUTTON IN CAB
9) LED LIGHT IN CAB

CUSTOMER :			
PROJECT :			
DATE :			
PROJECTION	TOLERANCES IF NOT SPECIFIED FRAC: ±1/8" [3]		
SCALE: NOT TO SCALE	DRAWN BY: DS		savaria™
DATE: FEBRUARY 10, 2025			
DRAWING # JOB NUMBER	REV# 1	PAGE: 2	TITRE: LUMA LAYOUT