savaria

Telecab

RESIDENTIAL ELEVATOR

Planning Guide

Applicable Codes:
ASME A17.1/CSA-B44
Safety Code for Elevators and Escalators
Section 5.3 – Private Residential Elevators

Part No. 000698
08-m03-2016

Printed in Canada

Purpose of This Guide

This guide assists architects, contractors, and lift professionals to incorporate the Telecab Residential Elevator into a residential building design. The design and manufacture of the Telecab Residential Elevator meets the requirements of the following codes and standards:

ASME A17.1-1996 Section 5
CAN/CSA B44-2010 Section 5.3

We recommend that you contact your local authority having jurisdiction to ensure that you adhere to all local rules and regulations pertaining to residential elevators.

IMPORTANT: This Planning Guide provides nominal dimensions and specifications useful for the initial planning of a residential elevator project. Dimensions and specifications are subject to change without notice due to continually evolving code and product applications.

Before beginning actual construction, please consult Savaria Corporation or the authorized Savaria dealer in your area to ensure you receive your site-specific installation drawings with the dimensions and specifications for your project.

Visit our website for the most recent Telecab drawings and dimensions.

How to Use This Guide

1 Determine your client's intended use of the lift.
2 Determine the local code requirements.
3 Determine the site installation parameters.
4 Determine the cab type and hoistway size requirements.
5 Plan for electrical requirements.

History

December 11, 2009 – Initial release
April 6, 2010 – Updated logo and typeface
October 14, 2010 – Updated all cab type information and drawings
March 31, 2011 – Corrected travel speed in specifications table on page 4
July 8, 2013 – Added Noise Level to specifications table on page 4
January 2, 2014 – Revised text in drawing on page 5
February 6, 2014 – Removed outdated Architect Specification section (was pages 17-19)
March 12, 2014 – Revised Specifications table on page 4
April 21, 2014 – Revised Specifications table on page 4
November 5, 2014 – Revised Applilcable Codes on page 3
September 24, 2015 – Added Daily Cycle to specifications table on page 4
March 8, 2016 – Savaria Corporation back to Savaria Concord Lifts, Inc

Specifications

Telecab Specifications

Specification	Specification Data
Load capacity	500 lbs. (227 kg)
Maximum travel	20 ft (6.0 m) with two stops
Travel speed	20 ft/min (0.1 m/s)
Noise level (for typical installation)	72.9 dBA (up direction); 50.0 dBA (down direction) Measured at a height of 1m, distance of 1m, in front of the motor with all panels on
Daily cycle	Normal: 30 Heavy: 75 Excessive: 100 Maximum starts in 1 hour on standard installation: 12 NOTE: Please consult your Sales Representative if there a chance you may exceed these amounts.
Tower	Modular 8 ft (2.4 m) guide rail assembly with roller guide shoes
Control system	115 VAC relay logic operation 115 VAC up direction and 12 VDC down direction
Levels serviced	2 levels
Platform	Non-skid platform
Power supply (circuit supplied by others)	110 VAC, 20 A, 60 Hz, single phase
Lighting supply (circuit supplied by others)	120 volt, 60 Hz, single phase
Motor/pump	120 VAC, 1.0 HP geared type
Electrical	Automatic battery recharging system (115 VAC) Low voltage controls
Drive system	2:1 roller chain hydraulic
Temperature operating range	–10 °C to +40 °C (14 °F to 104 °F)
Cab access	Front access only (standard) Left or right access (optional); with optional 2-door access
Cab dimensions	Standard: W30″ x L46″ x H78″ (762 mm x 1168 mm x 1981 mm) Optional: W32″ x L53″ x H78″ (813 mm x 1346 mm x 1981 mm) Optional: W30″ x L47″ x H78″ (762 mm x 1194 mm x 1981 mm) Optional: W32″ x L54″ x H78″ (813 mm x 1372 mm x 1981 mm) Optional: W36″ x L59″ x H78″ (914 mm x 1499 mm x 1981 mm)
Door size	H78″ x W30″ steel with Plexiglas insert
Minimum overhead clearance	92″ (2337 mm)
Hall calls	Continuous pressure directional push buttons Keyed call/send
Color and finish	White electrostatic powder coat Clear or bronze acrylic windows
Safety features	Adjustable top floor presence detector built into the cab Electromechanical door lock and open door sensor Underpan safety sensor Emergency stop and alarm Emergency battery lowering Manual emergency lowering Fully-enclosed drive tower Pressure relief valve to prevent platform overload Slack chain safety device Two halogen lights in cab Telephone in cab
Optional equipment	Battery operation in up and down directions Two door concept (left/right access) Custom cab size (without ABS vacuum formed plastic finish) Custom color Horizontal plastic panel on hinged side Wired remote control in cab Hydraulic door closer Automatic door operator (without ABS vacuum formed plastic finish) Keyed call station Flush-mount or surface-mount call/send station Optional 24-volt battery model

Site Construction Details

The Telecab needs a wall that supports a minimum of 700 lb (3114 N) of pull-out force at any bracket. The floor must be capable of supporting a load of 3200 lb (14.2 kN). See Figure 1.

A support wall with a combination of either two columns of three 2x4's, two columns of two 2x4's and two 2x6's, or a concrete or brick wall is required. Figure 2 shows the support wall configuration

Figure 1: Wall/floor loading

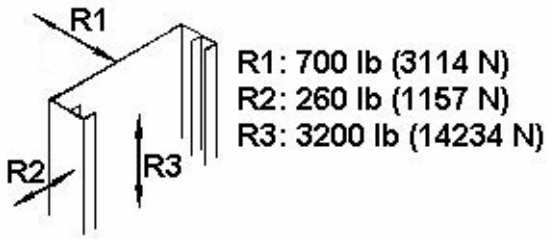
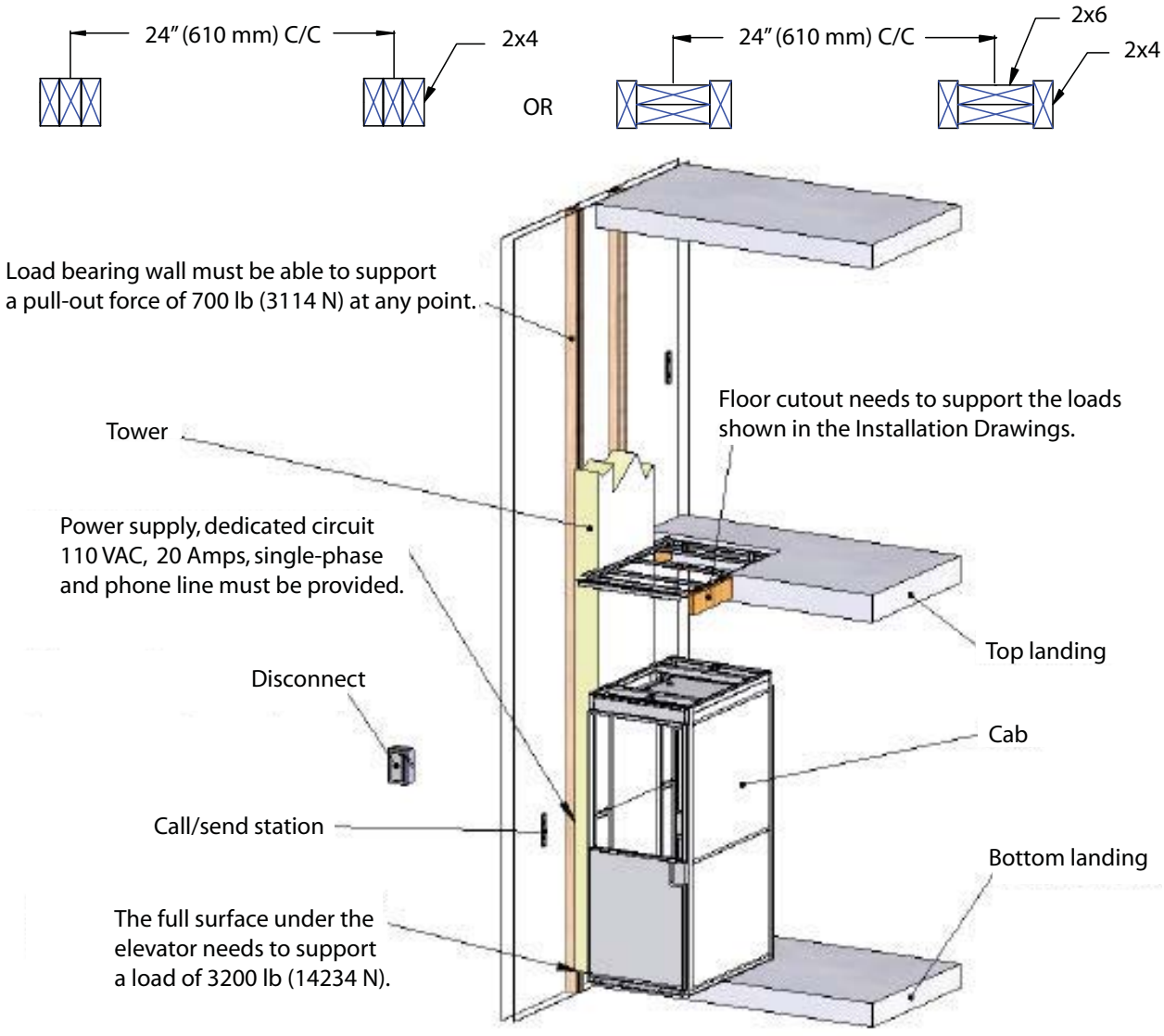


Figure 2: Support wall configuration

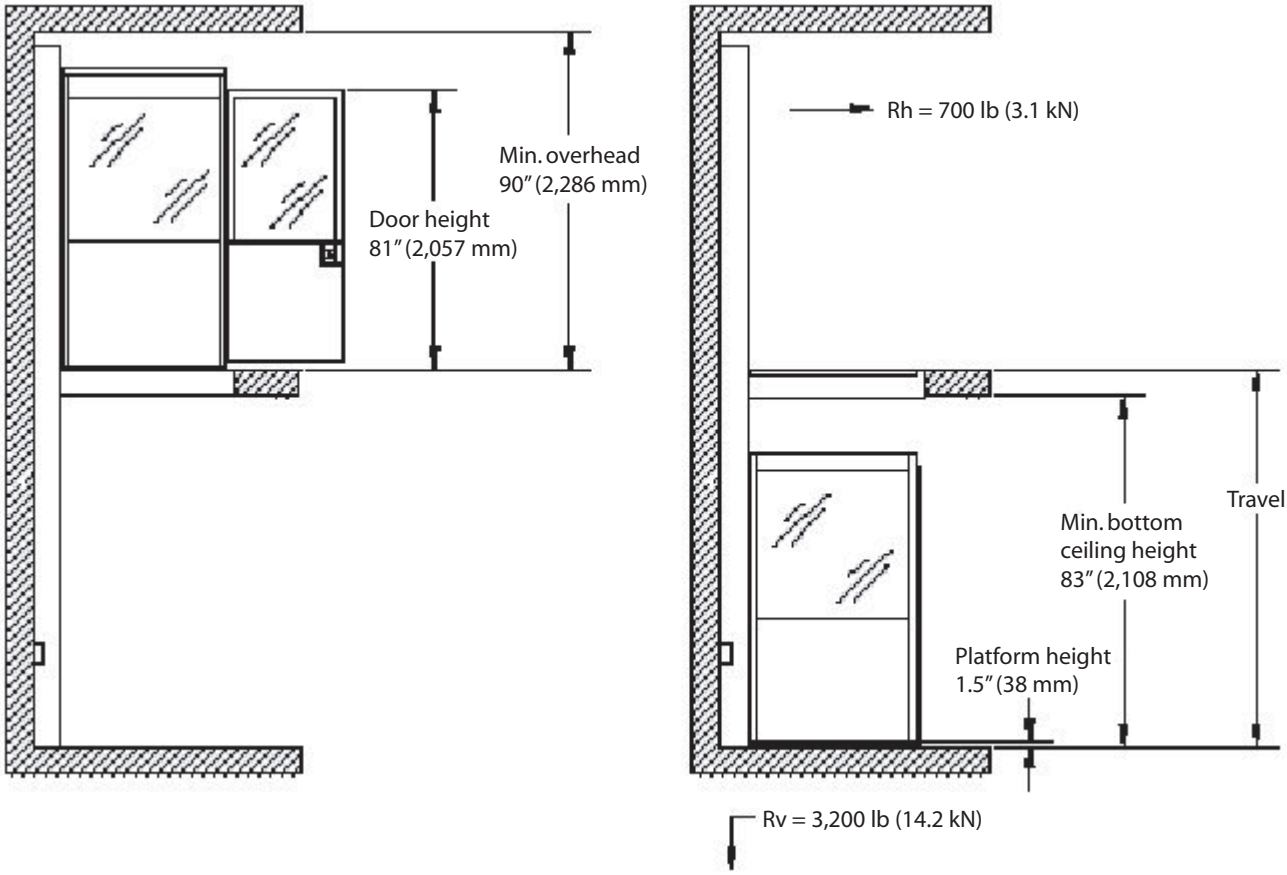


Elevation View

The following illustration shows the general elevation view and dimensions of the Telecab. Note that the minimum overhead is 90'' for a 78'' inside height cab dimension.

Refer to your site-specific Installation Drawings for details relevant to your job site.

Figure 3: Elevation view and dimensions

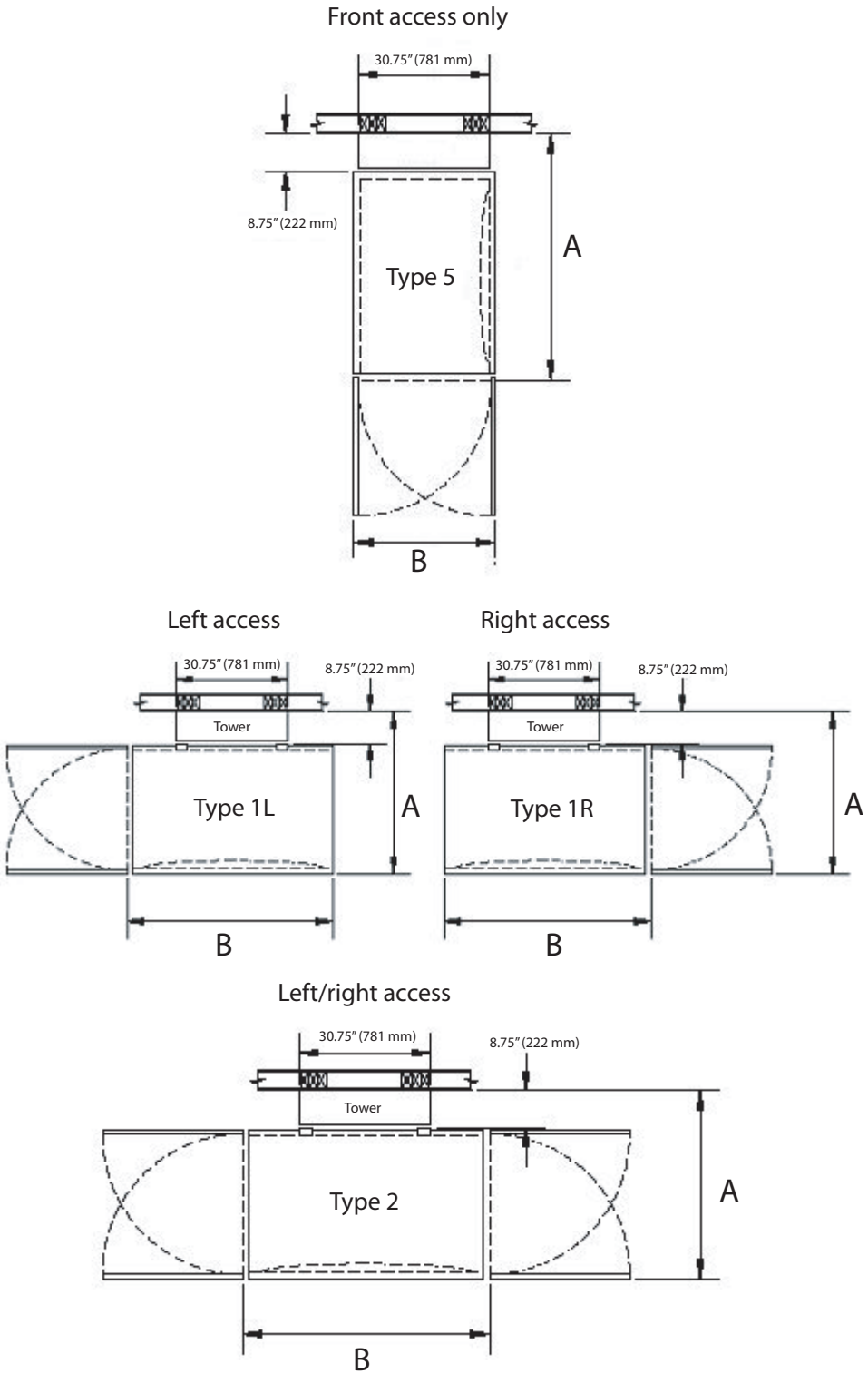


Cab Types

Cab types and sizes are listed below. Always refer to your site-specific Installation Drawings for details.

- Type 5 – 30'' x 46'', front access only (standard)
- Type 5 – 32'' x 53'', front access only (optional)
- Type 1L– 30'' x 47'' or 32″ x 54″, left access (optional)
- Type 1R– 30″ x 47″ or 32'' x 54'', right access (optional)
- Type 2– 30'' x 47'' or 32″ x 54″, left or right access (optional)

Figure 4: Cab types

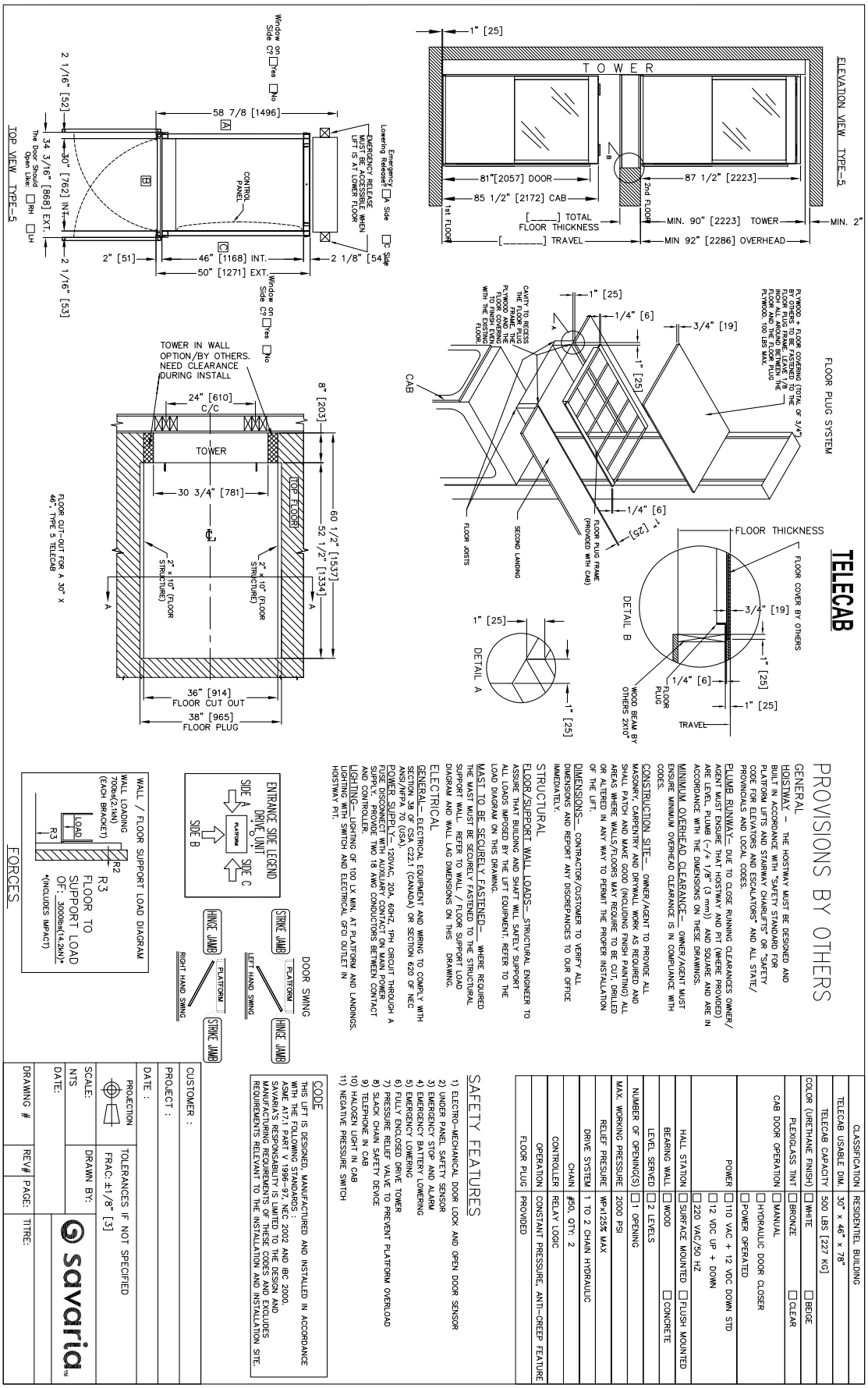


Drawings

The next several pages provide installation drawings for the Telecab.

- Type 5– 30'' x 46”, front access only
- Type 5 – 32'' x 53'', front access only
- Type 1L – 30'' x 47'', left access
- Type 1L – 32'' x 54'', left access
- Type 1R – 30'' x 47'', right access
- Type 1R – 32'' x 54'', right access
- Type 2 – 30'' x 47'', left/right access
- Type 2 – 32'' x 54'', left/right access

Figure 5: Type 5 – 30” x 46”, front access only



PROVISIONS BY OTHERS

GENERAL

HOISTWAY – THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH "SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS" OR "SAFETY CODE FOR ELEVATORS AND ESCALATORS" AND ALL STATE/PROVINCIALS AND LOCAL CODES.

PLUMB RUNWAY– DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB (-/+ 1/8" (3 mm)) AND 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 CODES.

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– STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED– WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO WALL / FLOOR SUPPORT LOAD DIAGRAM AND WALL LAG DIMENSIONS ON THIS DRAWING.

ELECTRICAL

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

POWER SUPPLY– 120VAC, 20A, 60HZ, 1PH CIRCUIT THROUGH A FUSE DISCONNECT WITH AUXILIARY CONTACT ON MAIN POWER SUPPLY. PROVIDE TWO 18 AWG CONDUCTORS BETWEEN CONTACT AND CONTROLLER.

LIGHTING– LIGHTING OF 100 LX MIN. AT PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.

CLASSIFICATION	RESIDENTIEL BUILDING
TELECAB USABLE DIM.	30" x 46" x 78"
TELECAB CAPACITY	500 LBS [227 KG]
COLOR (URETHANE FINISH)	☐ WHITE ☐ BEIGE
PLEXIGLASS TINT	☐ BRONZE ☐ CLEAR
CAB DOOR OPERATION	☐ MANUAL ☐ HYDRAULIC DOOR CLOSER ☐ POWER OPERATED
POWER	☐ 110 VAC + 12 VDC DOWN STD ☐ 12 VDC UP + DOWN ☐ 220 VAC/50 HZ
HALL STATION	☐ SURFACE MOUNTED ☐ FLUSH MOUNTED
BEARING WALL	☐ WOOD ☐ CONCRETE
LEVEL SERVED	☐ 2 LEVELS
NUMBER OF OPENING(S)	☐ 1 OPENING
MAX. WORKING PRESSURE	2000 PSI
RELIEF PRESSURE	WP+125% MAX
DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
CHAIN	#50, QTY: 2
CONTROLLER	RELAY LOGIC
OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
FLOOR PLUG	PROVIDED

SAFETY FEATURES

1) ELECTRO-MECHANICAL DOOR LOCK AND OPEN DOOR SENSOR
2) UNDER PANEL SAFETY SENSOR
3) EMERGENCY STOP AND ALARM
4) EMERGENCY BATTERY LOWERING
5) EMERGENCY LOWERING
6) FULLY ENCLOSED DRIVE TOWER
7) PRESSURE RELIEF VALVE TO PREVENT PLATFORM OVERLOAD
8) SLACK CHAIN SAFETY DEVICE
9) TELEPHONE IN CAB
10) HALOGEN LIGHT IN CAB
11) NEGATIVE PRESSURE SWITCH

CODE

THIS LIFT IS DESIGNED, MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
ASME A17.1 PART V 1996-97, NEC 2002 AND IBC 2000.
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 :

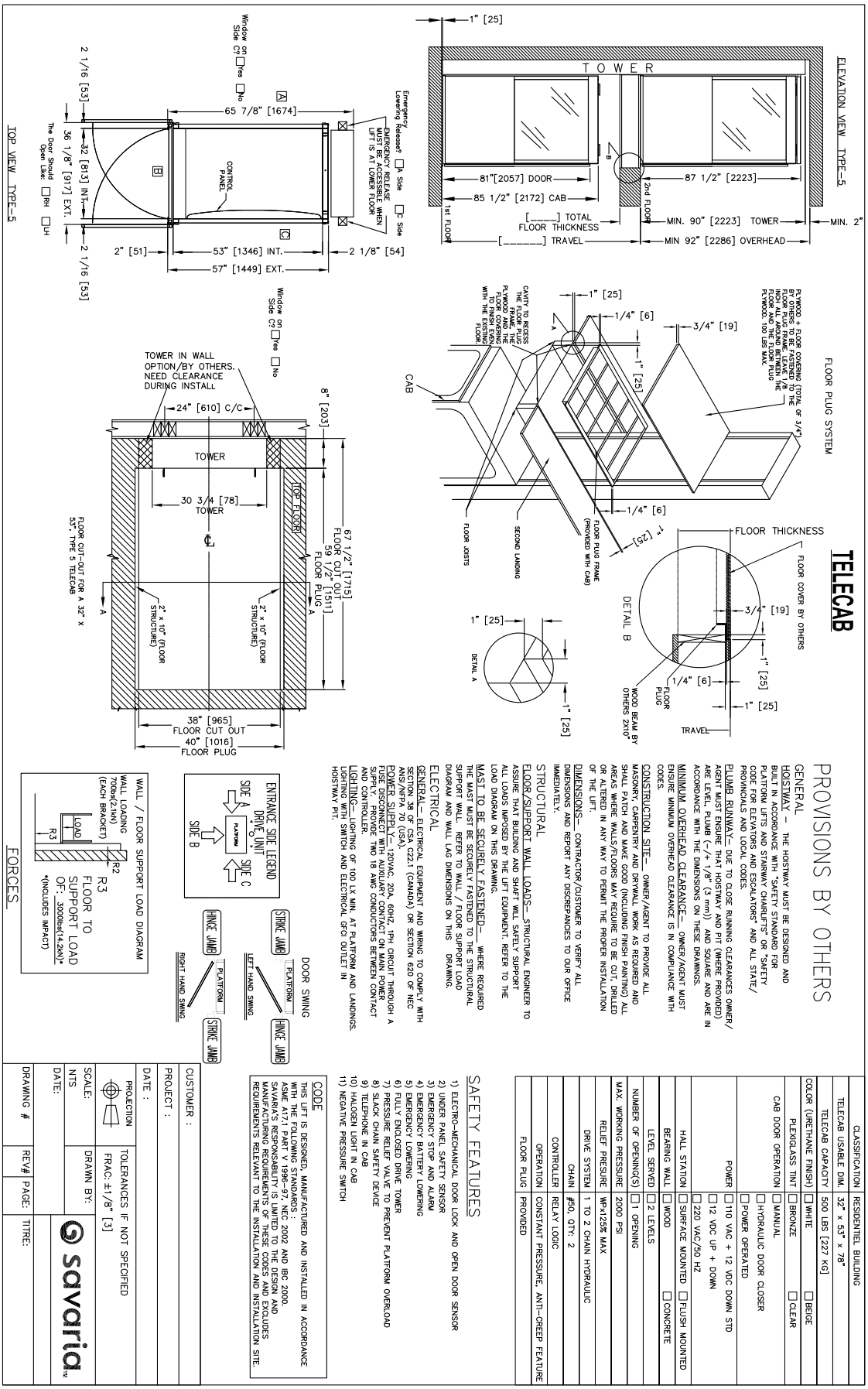
DATE :

PROJECTION	TOLERANCES IF NOT SPECIFIED
SCALE: NTS	FRAC: ±1/8" [3]
DATE:	DRAWN BY:

savaria™

DRAWING #	REV#	PAGE:
		TITRE:

Figure 6: Type 5 – 32” x 53”, front access only



PROVISIONS BY OTHERS

GENERAL

HOISTWAY – THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH "SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS" OR "SAFETY CODE FOR ELEVATORS AND ESCALATORS" AND ALL STATE/ PROVINCIALS AND LOCAL CODES.

PLUMB RUNWAY– DUE TO CLOSE RUNNING CLEARANCES OWNER/ AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB (+/- 1/8" (3 mm)) AND 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 CODES.

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– STRUCTURAL ENGINEER TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED– WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO WALL / FLOOR SUPPORT LOAD DIAGRAM AND WALL LAG 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, 20A, 60HZ, 1PH CIRCUIT THROUGH A FUSED DISCONNECT WITH MAIN POWER SUPPLY. PROVIDE TWO 18 AWG CONDUCTORS BETWEEN CONTACT AND CONTROLLER.

LIGHTING– LIGHTING OF 100 LX MIN. AT PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.

SAFETY FEATURES

1) ELECTRO-MECHANICAL DOOR LOCK AND OPEN DOOR SENSOR
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8) SLACK CHAIN SAFETY DEVICE
9) TELEPHONE IN CAB
10) HALOGEN LIGHT IN CAB
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CODE

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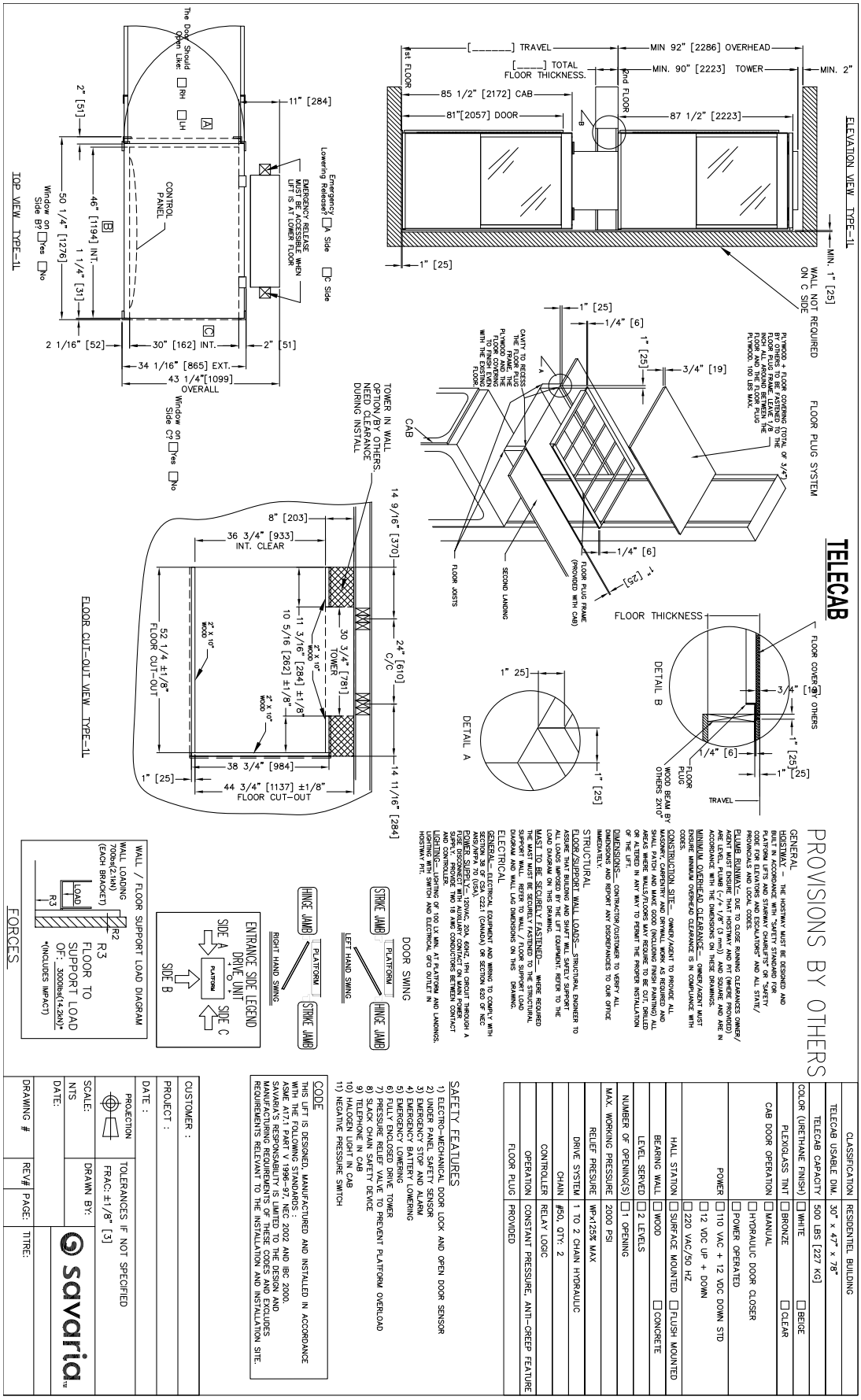
ASME A18.1 (PLATFORM LIFTS) 2002 AND IBC 2000.
SAVARIA'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND MANUFACTURING REQUIREMENTS OF THESE CODES AND EXCLUDES REQUIREMENTS RELEVANT TO THE INSTALLATION AND INSTALLATION SITE.

CLASSIFICATION	RESIDENTIEL BUILDING
TELECAB USABLE DIM.	32" x 53" x 78"
TELECAB CAPACITY	500 LBS [227 KG]
COLOR (URETHANE FINISH)	☐ WHITE ☐ BEIGE
PLEXIGLASS TINT	☐ BRONZE ☐ CLEAR
CAB DOOR OPERATION	☐ MANUAL
	☐ HYDRAULIC DOOR CLOSER
	☐ POWER OPERATED
POWER	☐ 110 VAC + 12 VDC DOWN STD
	☐ 12 VDC UP + DOWN
	☐ 220 VAC/50 HZ
HALL STATION	☐ SURFACE MOUNTED ☐ FLUSH MOUNTED
BEARING WALL	☐ WOOD ☐ CONCRETE
LEVEL SERVED	☐ 2 LEVELS
NUMBER OF OPENING(S)	☐ 1 OPENING
MAX. WORKING PRESSURE	2000 PSI
RELIEF PRESURE	WP=125% MAX
DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
CHAIN	#50, QTY: 2
CONTROLLER	RELAY LOGIC
OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
FLOOR PLUG	PROVIDED

CUSTOMER :		
PROJECT :		
DATE :		
PROJECTION	TOLERANCES IF NOT SPECIFIED FRAC: ±1/8" [3]	
SCALE: NTS	DRAWN BY:	savaria™
DATE:		
DRAWING #	REV# PAGE:	TITRE:

Figure 7: Type 1L – 30” x 47”, left access



	CLASSIFICATION	RESIDENTIEL BUILDING
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	POWER	☐ 110 VAC + 12 VDC DOWN STD
		☐ 12 VDC UP + DOWN
		☐ 220 VAC/50 HZ
	HALL STATION	☐ SURFACE MOUNTED ☐ FLUSH MOUNTED
	BEARING WALL	☐ WOOD ☐ CONCRETE
	LEVEL SERVED	☐ 2 LEVELS
	NUMBER OF OPENING(S)	☐ 1 OPENING
	MAX. WORKING PRESSURE	2000 PSI
	RELIEF PRESURE	WP=125% MAX
	DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
	CHAIN	#50, QTY: 2
	CONTROLLER	RELAY LOGIC
	OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
	FLOOR PLUG	PROVIDED

Figure 8: Type 1L – 32” x 54”, left access

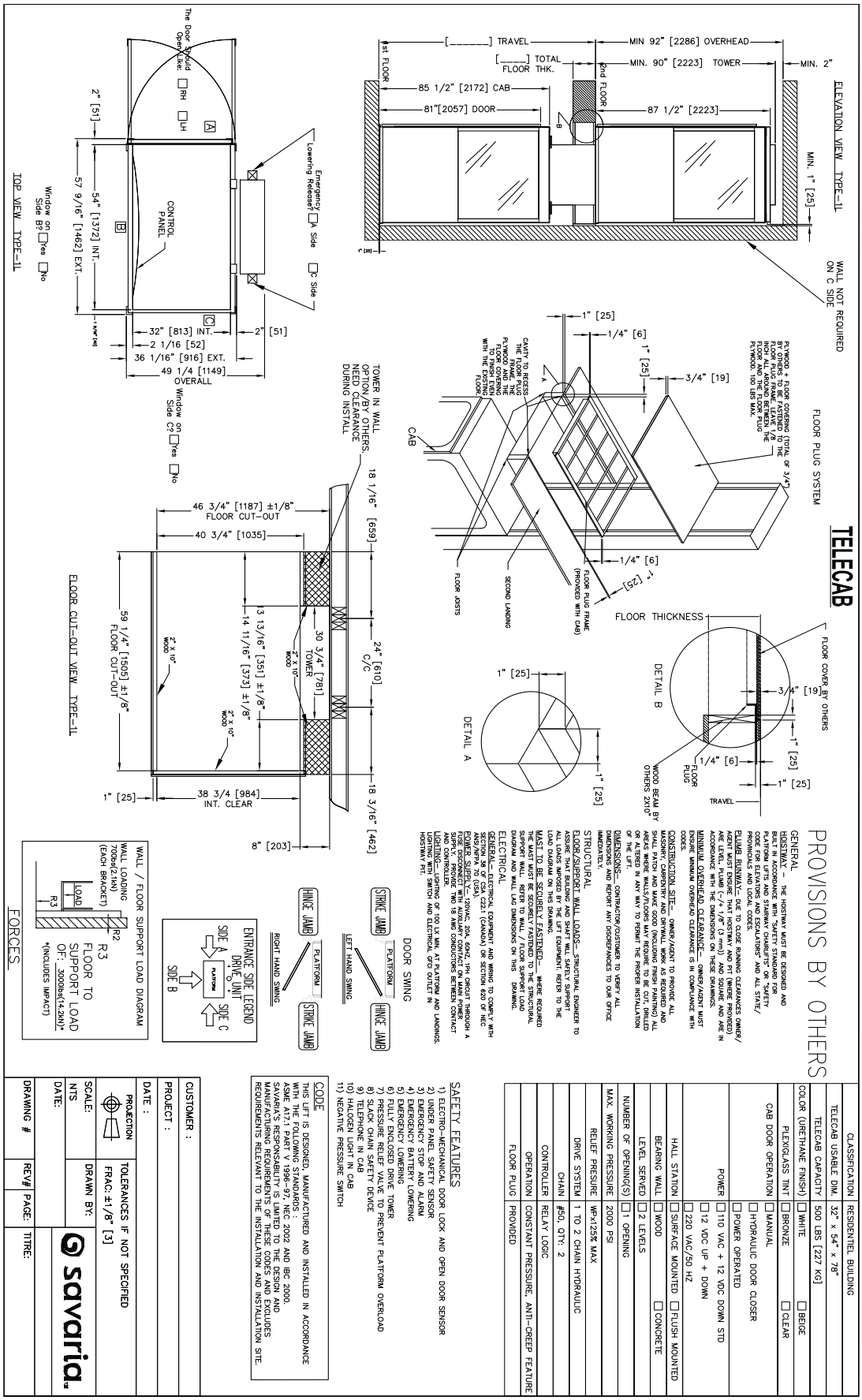


Figure 9: Type 1R – 30” x 47”, right access

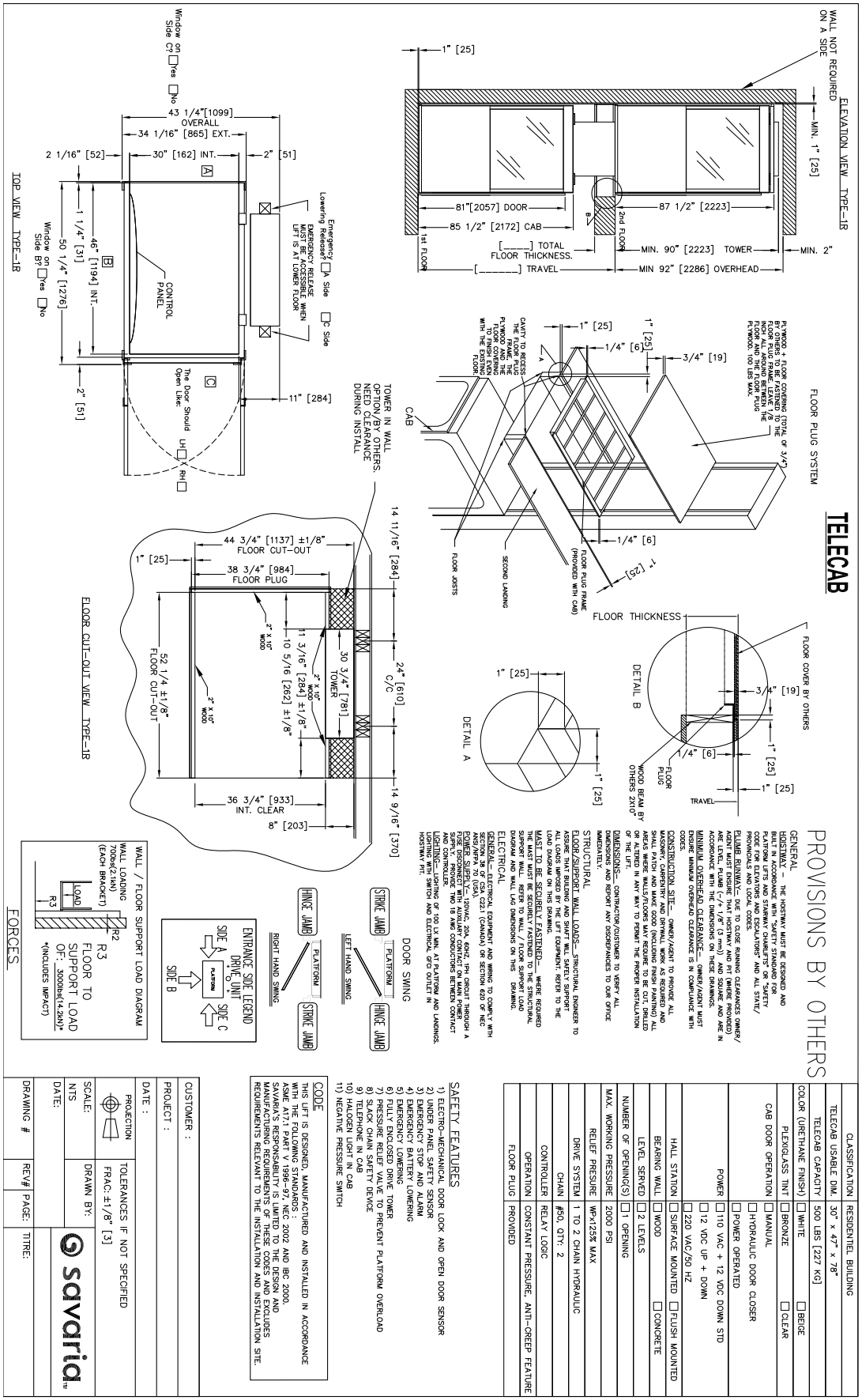
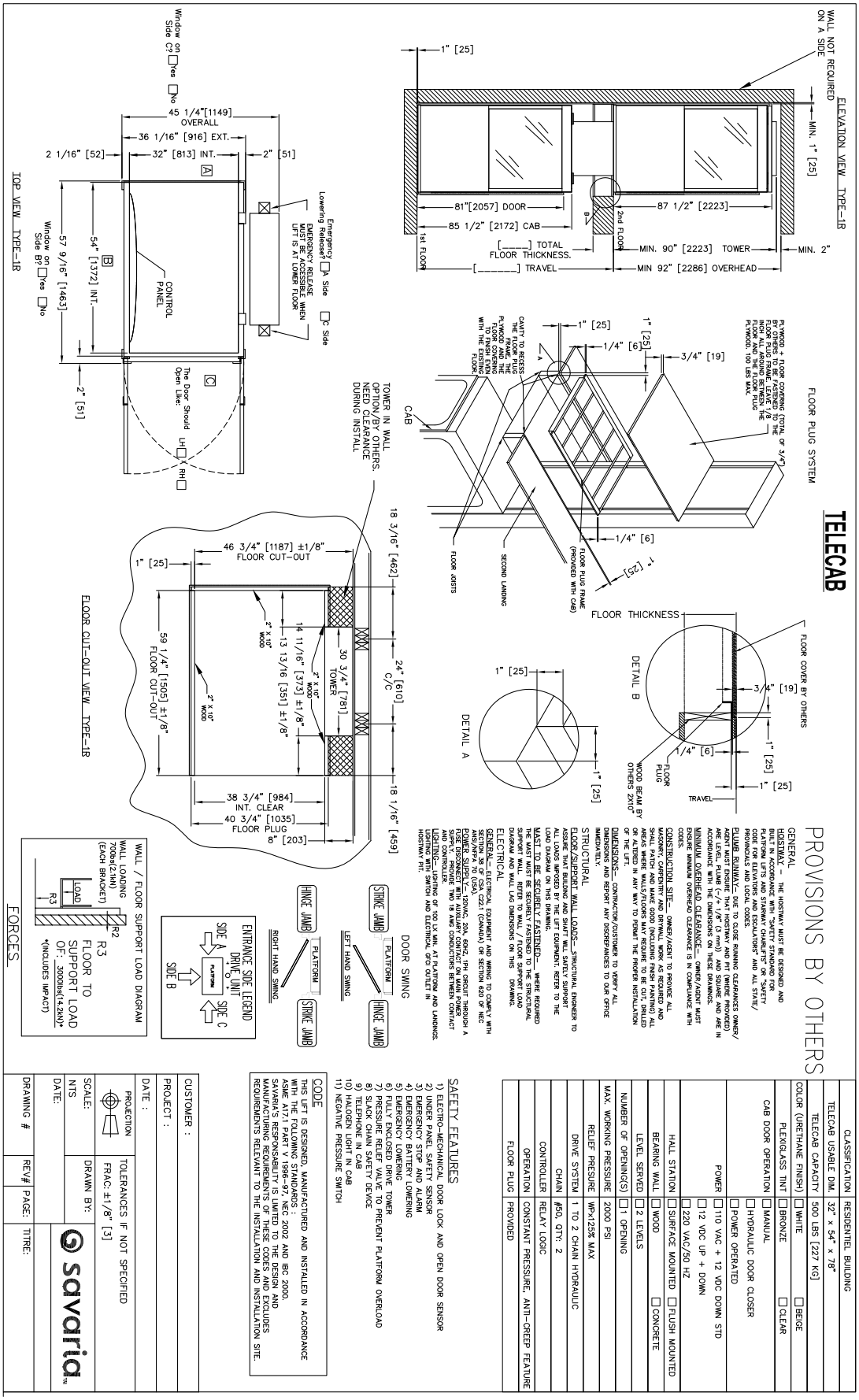


Figure 10: Type 1R – 32” x 54”, right access



PROVISIONS BY OTHERS

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PLUMB RUNWAY— DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE PLUMB AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

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DIMENSIONS— CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL

FLOOR/SUPPORT WALL LOADS— STRUCTURAL ENGINEER TO ASSURE THAT FLOOR AND SUPPORT WALL IS CAPABLE OF SUPPORTING ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED— WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO THE MAST FASTENING LOCATIONS ON THIS DRAWING AND WALL LOAD 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).

DISCONNECT— PROVIDE A LOCKABLE, 2PDL 60HZ, 10Ph GROUND THROUGH A FUSE DISCONNECT WITH AUXILIARY CONTACT ON MAIN POWER SUPPLY. PROVIDE TWO 18 AWG CONDUCTORS BETWEEN CONTACT AND MAIN CONTROLLER.

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	☐ HYDRAULIC DOOR CLOSER
	☐ POWER OPERATED
POWER	☐ 110 VAC + 12 VDC DOWN STD
	☐ 12 VDC UP + DOWN
	☐ 220 VAC/50 HZ
HALL STATION	☐ SURFACE MOUNTED ☐ FLUSH MOUNTED
BEARING WALL	☐ WOOD ☐ CONCRETE
LEVEL SERVED	☐ 2 LEVELS
NUMBER OF OPENING(S)	☐ 1 OPENING
MAX. WORKING PRESSURE	2000 PSI
RELIEF PRESURE	WP+125% MAX
DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
CHAIN	#50, QTY: 2
CONTROLLER	RELAY LOGIC
OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
FLOOR PLUG	PROVIDED

SAFETY FEATURES

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3) EMERGENCY STOP AND ALARM
4) EMERGENCY BATTERY LOWERING
5) EMERGENCY LOWERING
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7) PRESSURE RELIEF VALVE TO PREVENT PLATFORM OVERLOAD
8) SLACK CHAIN SAFETY DEVICE
9) TELEPHONE IN CAB
10) HALOGEN LIGHT IN CAB
11) NEGATIVE PRESSURE SWITCH

CODE

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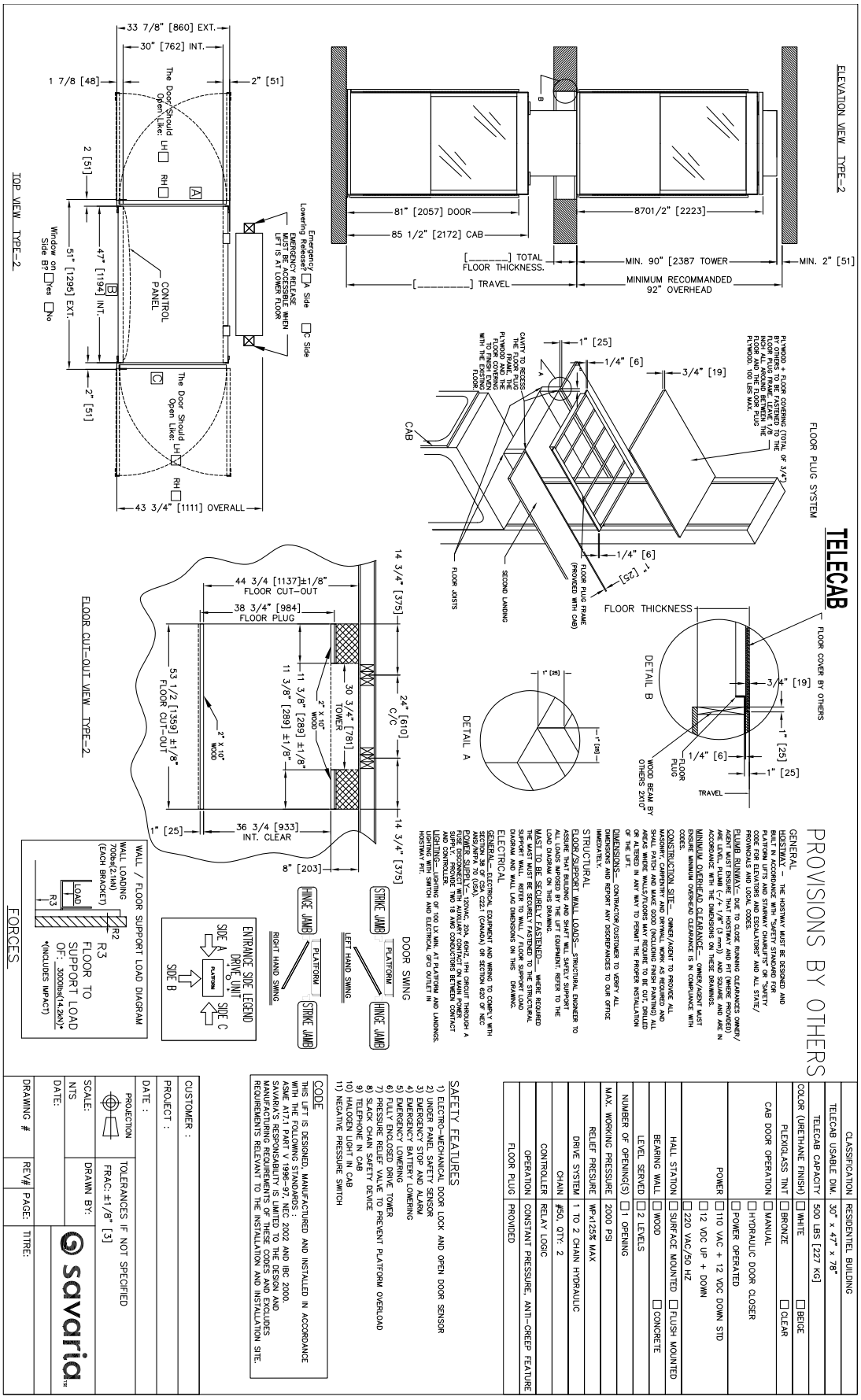
ASME A17.1 PART V 1996-97, NEC 2002 AND IBC 2000.
SAVARIA'S RESPONSABILITY IS LIMITED TO THE DESIGN AND MANUFACTURING REQUIREMENTS OF THESE CODES AND EXCLUDES REQUIREMENTS RELEVANT TO THE INSTALLATION AND INSTALLATION SITE.

CUSTOMER :			
PROJECT :			
DATE :			
PROJECTION	TOLERANCES IF NOT SPECIFIED	savaria™	
SCALE: NTS	DRAWN BY:		
DATE:			
DRAWING #	REV.#	PAGE:	TITRE:

Figure 11: Type 2 – 30” x 47”, left/right access



PROVISIONS BY OTHERS

GENERAL

HOISTWAY – THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. HOISTWAY VENTILATION AS PER CODE FOR ELEVATORS AND ESCALATORS* AND ALL STATE/PROVINCIALS AND LOCAL CODES.

PLUMB RUNWAY– DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE PLUMB TO WITHIN 1/2" (13mm) AND ARE IN ACCORDANCE WITH THE DIMENSIONS ON THESE DRAWINGS.

MINIMUM OVERHEAD CLEARANCE– OWNER/AGENT MUST ENSURE MINIMUM OVERHEAD CLEARANCE IS IN COMPLIANCE WITH CODES.

CONSTRUCTION SITE– OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SUBSEQUENTLY PAINTING AND FINISHING OF ALL WALLS AND 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– STRUCTURAL ENGINEER TO ASSURE BUILDING IS CAPABLE OF SUPPORTING ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED– WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO WALL/FLOOR SUPPORT LOAD DIAGRAM AND WALL LAG DIMENSIONS ON THIS DRAWING.

ELECTRICAL

GENERAL– ELECTRICAL EQUIPMENT AND WIRING TO COMPLY WITH SECTION 36 OF CSA C22.1 (CANADA) OR SECTION 620 OF NEC AND/NFPA 70 (USA).

DISCONNECT– 15 AMP, 1PH, 60HZ, 20A CIRCUIT THROUGH A FUSE DISCONNECT WITH AUXILIARY CONTACT ON MAIN POWER SUPPLY. PROVIDE TWO 18 AWG CONDUCTORS BETWEEN CONTACT AND CONTROLLER.

LIGHTING– LIGHTING OF 100 LX MIN. AT PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.

CLASSIFICATION	RESIDENTIEL BUILDING
TELECAB USABLE DIM.	30" x 47" x 78"
TELECAB CAPACITY	500 LBS [227 KG]
COLOR (URETHANE FINISH)	☐ WHITE ☐ BEIGE
PLEXIGLASS TINT	☐ BRONZE ☐ CLEAR
CAB DOOR OPERATION	☐ MANUAL
	☐ HYDRAULIC DOOR CLOSER
	☐ POWER OPERATED
POWER	☐ 110 VAC + 12 VDC DOWN STD
	☐ 12 VDC UP + DOWN
	☐ 220 VAC/50 HZ
HALL STATION	☐ SURFACE MOUNTED ☐ FLUSH MOUNTED
BEARING WALL	☐ WOOD ☐ CONCRETE
LEVEL SERVED	☐ 2 LEVELS
NUMBER OF OPENING(S)	☐ 1 OPENING
MAX. WORKING PRESSURE	2000 PSI
RELIEF PRESSURE	WF×125% MAX
DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
CHAIN	#50, QTY: 2
CONTROLLER	RELAY LOGIC
OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
FLOOR PLUG	PROVIDED

SAFETY FEATURES

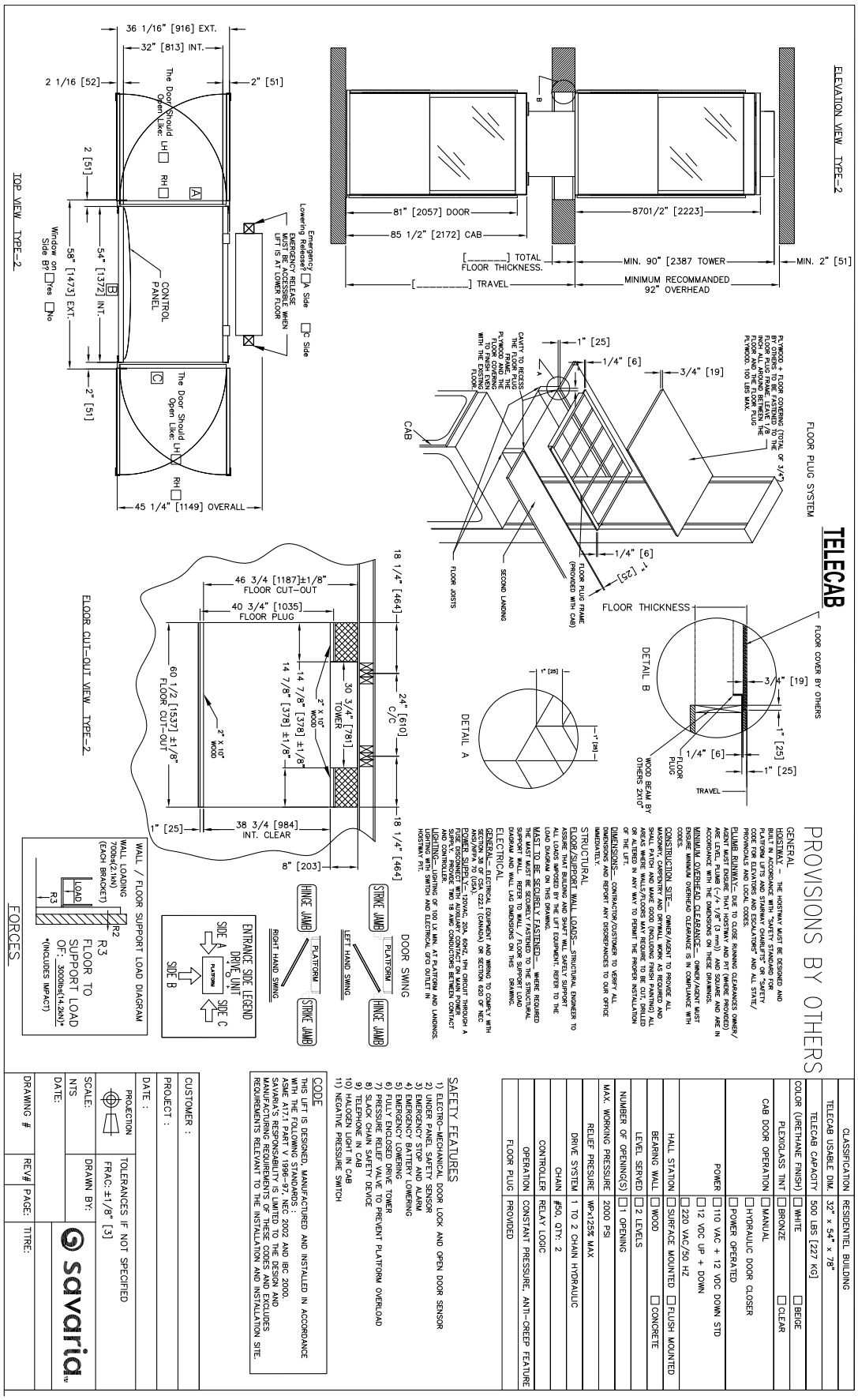
1) ELECTRO-MECHANICAL DOOR LOCK AND OPEN DOOR SENSOR
2) UNDER PANEL SAFETY SENSOR
3) EMERGENCY STOP AND ALARM
4) EMERGENCY BATTERY LOWERING
5) EMERGENCY LOWERING
6) FULLY ENCLOSED DRIVE TOWER
7) PRESSURE RELIEF VALVE TO PREVENT PLATFORM OVERLOAD
8) SLACK CHAIN SAFETY DEVICE
9) TELEPHONE IN CAB
10) HALOGEN LIGHT IN CAB
11) NEGATIVE PRESSURE SWITCH

CODE

THIS LIFT IS DESIGNED, MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS :
ASME A17.1 PART V 1996-97, NEC 2002 AND IBC 2000.
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		
SCALE: NTS	FRAC: ±1/8" [3]	DRAWN BY:	savaria™
DATE:			
DRAWING #	REV#	PAGE:	TITRE:

Figure 12: Type 2 – 32" x 54", left/right access



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BEARING WALL	☐ WOOD ☐ CONCRETE
LEVEL SERVED	☐ 2 LEVELS
NUMBER OF OPENING(S)	☐ 1 OPENING
MAX. WORKING PRESSURE	2000 PSI
RELIEF PRESSURE	WP+125% MAX
DRIVE SYSTEM	1 TO 2 CHAIN HYDRAULIC
CHAIN	#50, QTY: 2
CONTROLLER	RELAY LOGIC
OPERATION	CONSTANT PRESSURE, ANTI-CREEP FEATURE
FLOOR PLUG	PROVIDED

GENERAL

HOISTWAY – THE HOISTWAY MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH "SAFETY STANDARD FOR PLATFORM LIFTS AND STAIRWAY CHAIRLIFTS" OR "SAFETY CODE FOR ELEVATORS AND ESCALATORS" AND ALL STATE/PROVINCIALS AND LOCAL CODES.

PLUMB, RUNWAY– DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB (+/- 1/8" (3 mm)) AND 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 CODES.

CONSTRUCTION SITE– OWNER/AGENT TO PROVIDE ALL MASONRY, CARPENTRY AND DRYWALL WORK AS REQUIRED AND SHALL PATCH AND MAKE GOOD (INCLUDING FINISH PAINTING) ALL DAMAGE CAUSED BY THE INSTALLATION OF THE LIFT.

DIMENSIONS– CONTRACTOR/CUSTOMER TO VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO OUR OFFICE IMMEDIATELY.

STRUCTURAL

FLOOR/SUPPORT WALL LOADS– STRUCTURAL ENGINEER TO ASSURE THAT FLOOR AND SUPPORT WALL(S) ARE CAPABLE OF SUPPORTING ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE LOAD DIAGRAM ON THIS DRAWING.

MAST TO BE SECURELY FASTENED– WHERE REQUIRED THE MAST MUST BE SECURELY FASTENED TO THE STRUCTURAL SUPPORT WALL. REFER TO WALL / FLOOR SUPPORT LOAD DIAGRAM AND WALL LAG DIMENSIONS ON THIS DRAWING.

ELECTRICAL

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

POWER SUPPLY– 120VAC 20A 60HZ WITH 30MA GROUND FAULT PROTECTION FUSE DISCONNECT WITH AUXILIARY CONTACT ON MAIN POWER SUPPLY. PROVIDE TWO 18 AWG CONDUCTORS BETWEEN CONTACT AND CONTROLLER.

LIGHTING– LIGHTING OF 100 LX MIN. AT PLATFORM AND LANDINGS. LIGHTING WITH SWITCH AND ELECTRICAL GFCI OUTLET IN HOISTWAY PIT.

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Telecab Residential Elevator
PLANNING GUIDE

Part No. 000698

Savaria Concord Lifts, Inc.
www.savaria.com

Sales
2 Walker Drive
Brampton, Ontario, L6T 5E1, Canada
Tel: (905) 791-5555
Fax: (905) 791-2222
Toll Free: 1-800-661-5112

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