



ELEVATION VIEW B-B

CUSTOMER: **NATIONWIDE LIFTS**
 PROJECT: Freedom Hydro - 36 wide x 54 deep
 ADDRESS: Doors Same Side, Rails on Left
 888-323-8755 info@elevators.com

OFFICE USE ONLY:
 CONFIGURATION VERSION STAMP: 0.0
 MODULE VERSION STAMP: I-S-6.33

DATE: 06/16/15
 REVISION DATE: 06/16/15
 COMPLETED BY: andy.dornley@nlifts.com

Part No.	
Variant No.	48546
 www.elevators.com	
	
JOB No.	P-000000
SHEET No.	2 OF 3

PROVISIONS BY OTHERS

*GENERAL

HOISTWAY- THE HOISTWAY MUST BE IN ACCORDANCE WITH NATIONAL US/ASME (SEE APPLIED CODE), ALL STATE AND LOCAL CODES.

PLUMB HOISTWAY- DUE TO CLOSE RUNNING CLEARANCES OWNER/AGENT MUST ENSURE THAT HOISTWAY AND PIT (WHERE PROVIDED) ARE LEVEL, PLUMB 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- CONTRACTOR TO ASSURE THAT BUILDING AND SHAFT WILL SAFELY SUPPORT ALL LOADS IMPOSED BY THE LIFT EQUIPMENT. REFER TO THE TABLES ON THIS DRAWING FOR LOADS IMPOSED BY THE EQUIPMENT.

DOORS- SUITABLE LINTELS MUST BE PROVIDED BY OWNER/AGENT. DOOR FRAMES ARE NOT DESIGNED TO SUPPORT OVERHEAD WALL LOADS. ALL FULL HEIGHT DOORS MUST BE ALIGNED WITH THE DOOR CENTER LINE. DOOR WITH THE CORE IS BETTER THAN THE HOLLOW DOOR.

NOTICE(2)- CLEARANCES FROM DOOR SILL TO HOISTWAY DOOR TO BE 3" (76mm) MAXIMUM AND ELEVATOR CAR DOOR TO HOISTWAY DOOR TO BE 5" (127mm) MAXIMUM TO COMPLY WITH CSA B44 (ASME/ANSI A17.1). CONSULT YOUR LOCAL INSPECTION AUTHORITIES FOR CODES WHICH MAY TAKE PRECEDENCE. N/A WITH SLIM AND FLUSH DOORS.

ENTRANCE ASSEMBLIES- ENTRANCE ASSEMBLIES MUST BE ADJUSTED TO ALIGN WITH PLATFORM AND INTERLOCK EQUIPMENT. OTHERS TO ALLOW AN ADEQUATE ROUGH OPENING.

RETURN WALLS- RETURN WALLS AT ENTRANCES MUST BE BUILT-IN BY OTHERS AFTER ENTRANCE ASSEMBLIES ARE IN PLACE. ENTRANCE ASSEMBLY MUST BE SECURELY FASTENED TO WALLS BY ELEVATOR CONTRACTOR.

*MACHINE ROOM

LOCATION / ACCESS- MACHINE ROOM LOCATED AT THE LOWEST LEVEL ADJACENT TO HOISTWAY, UNLESS SHOWN OTHERWISE ON THE LAYOUT DRAWINGS. FIELD ADJUSTMENT BY INSTALLER MAY BE NECESSARY TO MEET JOB SITE CONDITIONS OR REGULATIONS. MACHINE ROOM DOOR IS TO BE LOCKABLE AND IS TO MEET THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SLEEVES FOR OIL & ELECTRIC LINES- FROM MACHINE ROOM TO RUNWAY AS REQUIRED. (POSITION PER INSTALLERS INSTRUCTIONS).

DISCONNECT SIZE	TIME DELAY	FUSE SIZE	VOLTS	PHASE	AMPERAGE
MOTOR & EQUIP	30 AMPS	30 AMPS	230 volt	Single Phase	159 AMPS
CAB LIGHTS	15 AMPS	15 AMPS	115 V	1	

*ELECTRICAL

POWER SUPPLY- (SEE SPECIFICATIONS) LOCKABLE FUSED DISCONNECT WITH AUXILIARY CONTACT TO BRAKE THE BATTERY FEED, OR CIRCUIT BREAKERS WITH A 3-POLE BREAKER FOR BATTERY FEED REQUIRED, IN COMPLIANCE WITH ELECTRICAL CODE, AS FOLLOWS:

LOCATED ON WALL ON LOCK JAMB SIDE OF MACHINE ROOM DOOR) PERMANENT POWER- BEFORE INSTALLATION CAN BEGIN. PERMANENT

LIGHTING- THE ILLUMINATION SHALL BE NOT LESS THAN 200 LX (19 FC) AT THE FLOOR LEVEL IN ALL MACHINE ROOMS AND MACHINERY SPACES. ENSURE AT LEAST 100 LX (10 FC) AMBIENT LIGHTING OVER LIFT AREA.

PHONE- NEED A PHONE LAND LINE (NOT VOIP) FOR THE PHONE. WHERE APPLICABLE. FOR VOIP PLEASE CONTACT SAVARIA.

*ENTRANCES

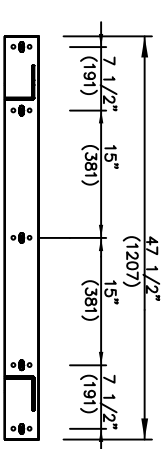
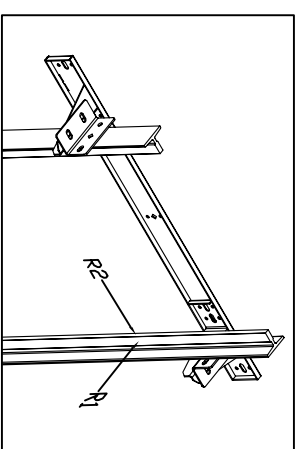
FASCIA PANEL BELOW UPPER LEVEL ENTRANCE- WHERE REQUIRED, FASCIA PANEL MUST BE FASTENED TO A SOLID WALL AND BE PERPENDICULAR TO THE FLOOR AND WALLS. HOISTWAY FASCIA IS NOT SELF-SUPPORTING FOR LONG, CONTINUOUS RUNS VOID OF ENTRANCES. ADEQUATE SUPPORT FOR THE FASCIA MUST BE PROVIDED.

GENERAL

CLASSIFICATION: Residential Building
APPLIED CODE: ASME 17.1-2010 SEC. 5.3
MODEL: Infinity
CAPACITY: 1000lbs
NOMINAL SPEED: 36 fpm UP AND DOWN
TRAVEL: 144" [3.66 m]
PIT DEPTH: 8"
POWER SUPPLY: 60 Hz Single Phase 230 volt

HYDRAULIC

PUMP MFR.: CONCORD
PUMP MODEL: VICKERS 2P
MOTOR: 3.0 hp FROM NIDEC
VALVE MODEL NO.: EPV - 4
VALVE COIL VOLTS: 24 V DC
MAX WORKING PRESSURE: 1600 psi (11032 kPa)
RELIEF VALVE SETTING: MAX 25% ABOVE ACTUAL WORKING PRESSURE
RESERVOIR: 22 Gal.



FIRST DOOR BY LANDING CHART

DOOR TYPE	LANDING 1		LANDING 2	
	By Others	Side A	By Others	Side A
ENTRANCE SIDE	Right Hand	Right Hand	Right Hand	Right Hand
DOOR SWING	Right Hand	Right Hand	Right Hand	Right Hand
LOCK TYPE	Horizontal	Horizontal	Horizontal	Horizontal
AUTO DOOR OPENER				
HALL CALL KEY SWITCH	1			2
FLOOR MARKING				

RAIL BRACKET

RAIL FORCES	R3 NOTE:
	PIT FLOOR TO SUPPORT LOAD OF: 6.4 kips *(INCLUDES IMPACT)
*R1	
*R2	
304 lbf	
194 lbf	
RAIL WEIGHT : 80 lbs / ft	

FOR TOTAL PULL-OUT FORCE ON RAIL BRACKET, R1 MUST BE DOUBLED eg. 2 x 304 = 608 lbf

SPECIFICATIONS

CAR FINISH DETAILS

CAB PANEL SELECTION: To Be Determine
HARDWOOD FINISHES: Not applicable
CEILING SELECTION: standard (white)
BRASS CAB PKG REQ'D?: LED Pot Light
POT LIGHT FINISH: Stainless Steel
TRIM COLOUR: Clear Anodized Aluminum
CAR STATION PLATE: Clear Anodized Aluminum
HAND RAIL TYPE: Clear Anodized Aluminum
CAB FLOORING: Plywood Floor 3/4"
FINISHED FLOOR THICKNESS: 3/4" finish
TELEPHONE CABINET: no

CAR DIMENSIONS/PLATFORM GATES

CAB TYPE: Type 1 Left Hand
CAB OPERATION: auto
GATES REQUIRED: Manual Gates(s)
GATE TYPE: Panel Fold/Clear/WHT 3 Plexi
GATE FINISH: Gate Finish : Standard Hinges w Light Screen
LANDING DOOR FINISH: N/A

JACK UNIT

EFFECTIVE STROKE: 74"
PLUNGER O/D: 2"
CYLINDER O/D: 2 3/4"
CYLINDER I/D: 2 1/4"
SPLIT CYLINDER?: no
COLLAPSED LENGTH: 86 3/4"

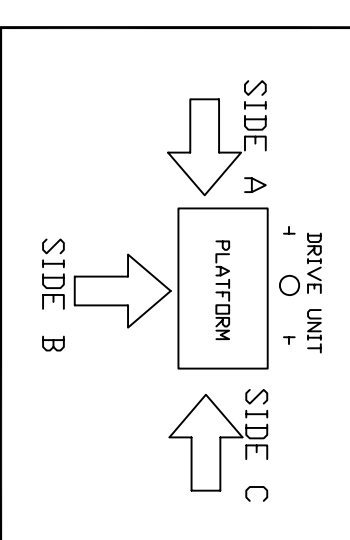
SUSPENSION

TYPE: AIRCRAFT CABLE 2 X 3/8" DIA. RATIO 1:2
CONSTRUCTION: IWRC 7 X 19
NOMINAL STRENGTH: 14,400 lbs Per Cable
SPECS: MIL-83420
SAFETIES: TYPE A

OPTIONS

PHONE: Standard Phone Provided
TRAVELING CABLE: Flat Traveling Cable
LED POT LIGHT: LED Pot Light

ENTRANCE SIDE LEGEND



OFFICE USE ONLY:
CONFIGURATION VERSION STAMP: 0.1.0
MODULE VERSION STAMP: 1-S-633

Part No.

Variant No. 48546

Nationwide Lifts
www.elevators.com

Savaria
www.savaria.com

JOB No. P-0000003
SHEET No. 3

DATA SHEET

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