

ASCENSION CLARITY MODEL SERIES VERTICAL PLATFORM WHEELCHAIR LIFT FOR SHAFTWAY INSTALLATION, SAME-SIDE ENTRY/EXIT

1. CODE COMPLIANCE: ASME A18.1, ASME A17.5, ANSI A117.1, ADAAG, NFPA 70 (NEC).
2. RATINGS
 - 2.1 CAPACITY: 750 LB
 - 2.2 SPEED: 20 FT/MIN
 - 2.3 DUTY: 168 CYCLE-FT/HOUR (12 CYCLES/HOUR MINIMUM).
 - 2.4 TRAVEL: 34.00 TO 168.00 AS ALLOWED BY AHJ.
3. DRIVE & ELECTRICAL
 - 3.1 DRIVE TYPE: 2:1 CHAIN HYDRAULIC
 - 3.2 SUSPENSION: 4X #50 ANSI ROLLER CHAINS
 - 3.3 MOTOR: 24VDC, 3 HP
 - 3.4 ELECTRICAL SUPPLY: 120VAC, 60 HZ, 6A, 1-PHASE.
 - 3.5 ALL CONTROL CIRCUITS 24VDC.
 - 3.6 FULL-TIME BATTERY OPERATION WITH CHARGING.
4. SITE CONSIDERATIONS
 - 4.1 DO NOT PROVIDE PIT OR RAMP. LOW-PROFILE PLATFORM FLOOR MEETS ADA REQUIREMENTS AS ENTRY THRESHOLD.
 - 4.2 REFER TO ASCENSION CLARITY STRUCTURAL LOADING DOCUMENT FOR STRUCTURAL AND ANCHORING REQUIREMENTS.
 - 4.3 2X PRE-HUNG ELEVATOR DOORS WITH INTERLOCKS PROVIDED. INSTALLATION IN BUILDING WALL MUST MEET ALL APPLICABLE CODES.
 - 4.4 SHAFT DIMENSIONS PROVIDED FOR REFERENCE ONLY. CLEARANCES MUST MEET ASME A18.1 AND APPLICABLE LOCAL CODES.
 - 4.5 MANUAL LOWERING PULL HANDLE WITH LOCKED ENCLOSURE PROVIDED FOR REMOTE MOUNTING.
 - 4.6 UP/DOWN OPERATING SWITCHES PROVIDED IN SINGLE-GANG BOXES (NOT SHOWN) FOR REMOTE MOUNTING IAW APPLICABLE CODES AND REGULATIONS.
5. LIGHTING AND COMMUNICATIONS
 - 5.1 PRIMARY LIGHTING TO BE PROVIDED BY OTHERS IAW ALL APPLICABLE CODES AND REGULATIONS.
 - 5.2 ACCENT AND AUXILIARY LIGHTING PROVIDED STANDARD ON PLATFORM CONTROLS AND FLOOR.
 - 5.3 OPTIONAL HANDSFREE AUTODIALING TELEPHONE ON PLATFORM.
6. ALTERNATE DOOR HANDING AVAILABLE. CONTACT ASCENSION.

<small>INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (MM) TOLERANCES ANGLES ± .4°</small> <small>DECIMALS .001 ± .002 .005 ± .010</small>		<small>P.O. BOX 4000 TUCSON, ARIZONA 85717-0000</small> 	
<small>DO NOT SCALE DRAWING.</small>	<small>DATE</small> 7-10-18	<small>CLARITY VERTICAL PLATFORM LIFT SHAFTWAY, SAME-SIDE ENTRY/EXIT</small>	
<small>DESIGNED BY</small> P. BROBECK	<small>CHECKED BY</small> [Signature]	<small>SCALE</small> 1/16"	<small>REV</small> 1 OF 2
<small>APPROVED</small> By Scott Appleby at 10:05 am, Jul 24, 2018		<small>FSCM NO.</small> 08992	<small>DWG. NO.</small> CLARITY 16C

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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

CLARITY 16C LOADING

(GENERIC LIFT SHOWN)

D

D

C

C

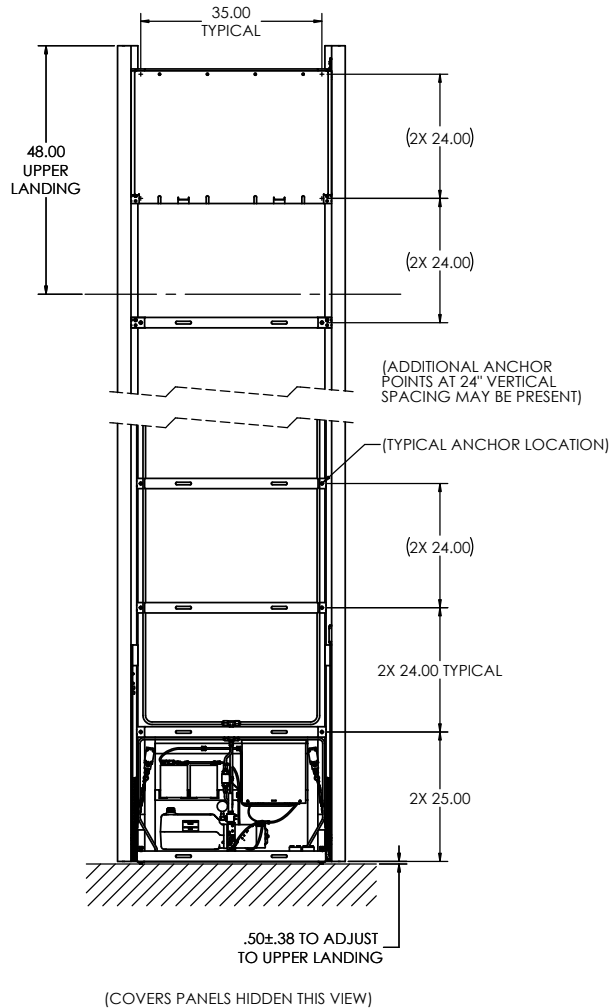
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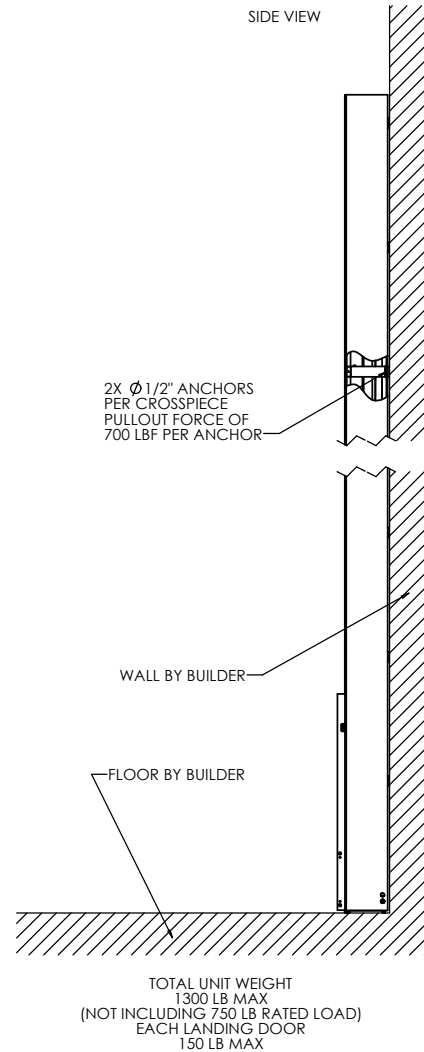
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FRONT VIEW



SIDE VIEW



GENERAL INFORMATION

- LOADS LISTED ASSUME STATIC LOADING AND DO NOT INCLUDE CONSIDERATIONS FOR WIND, SEISMIC, OR SAFETY FACTOR.
- VERIFY ALL ANCHOR LOCATIONS IN FIELD PRIOR TO DRILLING. DRILL AFTER POSITIONING CABINET.

REV	FSCM NO.	DWG. NO.	REV
D	08992	CLARITY 16C	-
SCALE	RELEASE DATE	SHEET	
1/16		2	

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