

ASCENSION CLARITY MODEL SERIES VERTICAL PLATFORM WHEELCHAIR LIFT WITH RUNWAY ENCLOSURE, SAME-SIDE ENTRY/EXIT

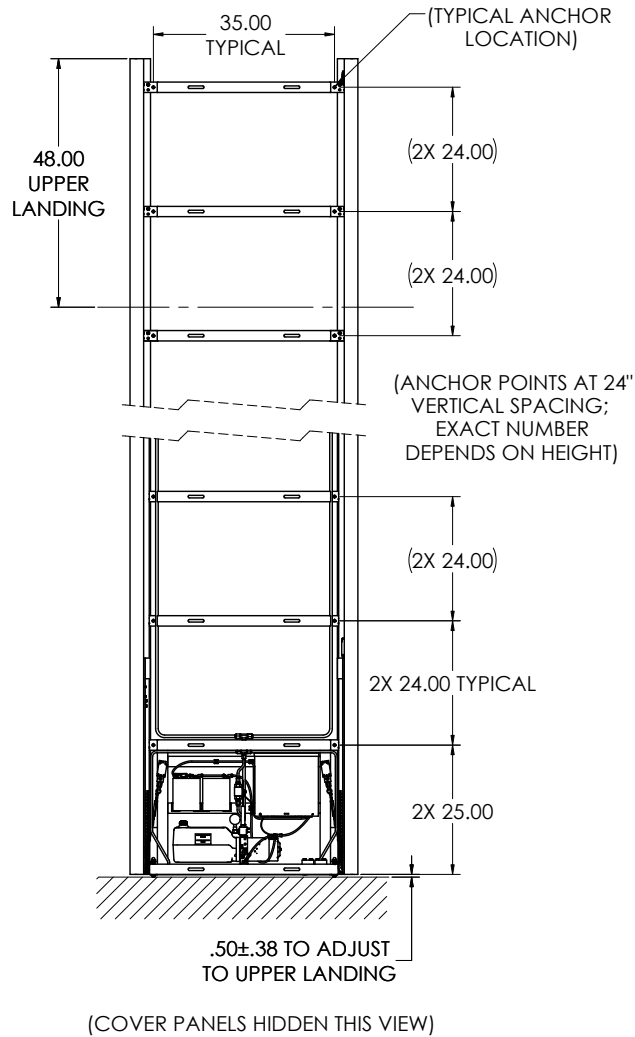
1. CODE COMPLIANCE: ASME A18.1, ASME A17.5, ANSI A117.1, ADAAG, NFPA 70 (NEC).
2. RATINGS
 - 2.1 CAPACITY: 750 LB
 - 2.2 SPEED: 20 FT/MIN
 - 2.3 DUTY: 168 CYCLE-FT/HOUR (12 CYCLES/HOUR MINIMUM).
 - 2.4 TRAVEL: 34.00 TO 168.00 AS ALLOWED BY AHJ.
3. DRIVE & ELECTRICAL
 - 3.1 DRIVE TYPE: 2:1 CHAIN HYDRAULIC
 - 3.2 SUSPENSION: 4X #50 ANSI ROLLER CHAINS
 - 3.3 MOTOR: 24VDC, 3 HP
 - 3.4 ELECTRICAL: 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 UPPER LANDING PLATE, .12 THICK, ANCHORS TO TOP OF UPPER LANDING FLOOR SURFACE.
 - 4.3 REFER TO ASCENSION CLARITY STRUCTURAL LOADING DOCUMENT FOR STRUCTURAL AND ANCHORING REQUIREMENTS.
 - 4.4 POWER OPERATORS PROVIDED FOR GATES, BUT NOT FOR DOORS. CONTACT ASCENSION FOR DOOR OPERATOR RECOMMENDATION. OPERATOR MUST MEET ALL APPLICABLE CODES.
 - 4.5 MANUAL LOWERING PULL HANDLE WITH LOCKED ENCLOSURE PROVIDED FOR REMOTE MOUNTING (LOCATION SHOWN FOR REFERENCE ONLY).
 - 4.6 UP/DOWN OPERATING SWITCHES PROVIDED IN SINGLE-GANG BOXES FOR REMOTE MOUNTING IAW APPLICABLE CODES AND REGULATIONS.
 - 4.7 ALARM PROVIDED FOR REMOTE MOUNTING ON WALL.
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 HANDS-FREE AUTODIALING TELEPHONE ON PLATFORM.
6. ALTERNATE DOOR HANDING AVAILABLE. CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS.

<small>INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (MM) TOLERANCES ANGLES ± N/A DECIMALS .XXX ± N/A</small>		<small>P.O. BOX 4000 TUCSON, ARIZONA 85717-0000</small>			
<small>DATE</small> S. APPLEBY <small>CHECK</small>	<small>DATE</small> 6-19-19	CLARITY VERTICAL PLATFORM LIFT ENCLOSED, SAME-SIDE ENTRY/EXIT			
<small>DO NOT SCALE DRAWING.</small>		<small>APPROVED</small> By Philip Brobeck at 3:31 pm, Jun 20, 2019		<small>FSCM NO.</small> D 08992	
<small>SCALE</small> 1/16		<small>RELEASED</small>		<small>REV</small> CLARITY 16D -	
<small>SHEET</small> 1 OF 1					

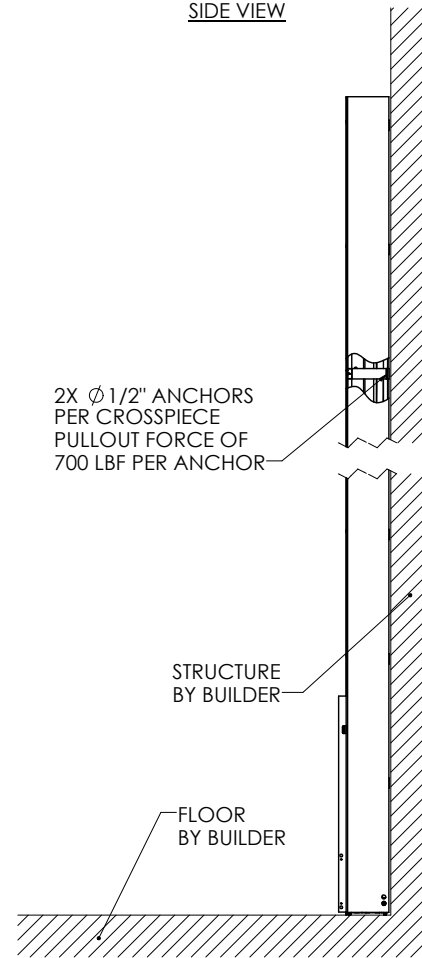
CLARITY LOADING - SAME SIDE ENTRY & EXIT (16C, 16D)

(GENERIC APPLICATION DEPICTED; ENCLOSURE AND PLATFORM NOT SHOWN)

FRONT VIEW



SIDE VIEW



TOTAL UNIT WEIGHT
 16C: 1300 LB MAX
 16D: 2200 LB MAX
 (EXCLUDING 750 LB RATED LOAD AND COMPONENTS BY OTHERS)

16D ONLY:

ADDITIONAL FASTENING POINTS LOCATED AT LOWER LANDING FOR ENCLOSURE BASE AND AT UPPER LANDING FOR MOUNTED GATE/DOOR:

LOWER LANDING: 2X Ø 1/2" ANCHORS
 SHEAR FORCE OF 100 LBF PER ANCHOR

UPPER LANDING: 2X Ø 1/4" FLAT HEAD ANCHORS
 SHEAR FORCE OF 100 LBF PER ANCHOR

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.

<small>INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .XXX ± .N/A .XXX ± .N/A ANGLES ± N/A</small> DO NOT SCALE DRAWING.	DRAWN: S. APPLEBY CHECK:	DATE: 6-17-19	P.O. BOX 40020 TUCSON, ARIZONA 85717-0020	
	APPROVED By: Philip Brobeck at 9:44 am, Jun 20, 2019	CLARITY LOADING SAME SIDE		
SCALE: 1/12	FSCM NO. 08992	DWG. NO. CLARITY LOADING SS	SHEET 1 OF 1	REV: -