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

2. RATINGS
   2.1 CAPACITY: 750 LB
   2.2 SPEED: 20 FT/MIN
   2.3 DUTY: 168 CYCLE-F/HOUR (12 CYCLES/HOUR MINIMUM).
   2.4 TRAVEL: 4.3 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 REFER TO ASCENSION CLARITY STRUCTURAL LOADING DOCUMENT FOR STRUCTURAL AND ANCHORING REQUIREMENTS.
   4.3 2X HOISTWAY DOORS BY OTHERS. CONTACT ASCENSION FOR RECOMMENDATION. 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 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 AUTO DIALING TELEPHONE ON PLATFORM.
6. ALTERNATE DOOR HANDING AVAILABLE. CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS.
CLARITY LOADING - SAME SIDE ENTRY & EXIT (16C, 16D)

(GENERIC APPLICATION DEPICTED; ENCLOSURE AND PLATFORM NOT SHOWN)

FRONT VIEW

SIDE VIEW

16D ONLY:
ADDITIONAL FASTENING POINTS LOCATED AT LOWER LANDING FOR ENCLOSURE BASE AND AT UPPER LANDING FOR MOUNTED GATE/DOOR:

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

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

GENERAL INFORMATION
1. LOADS LISTED ASSUME STATIC LOADING AND DO NOT INCLUDE CONSIDERATIONS FOR WIND, SEISMIC, OR SAFETY FACTOR.

2. VERIFY ALL ANCHOR LOCATIONS IN FIELD PRIOR TO DRILLING. DRILL AFTER POSITIONING CABINET.

TOTAL UNIT WEIGHT
16C: 1300 LB MAX
16D: 2200 LB MAX

(EXCLUDING 750 LB RATED LOAD AND COMPONENTS BY OTHERS)

(COVER PANELS HIDDEN THIS VIEW)

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

(GENERIC APPLICATION DEPICTED; ENCLOSURE AND PLATFORM NOT SHOWN)

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