



ASCENSION CLARITY MODEL SERIES VERTICAL PLATFORM WHEELCHAIR LIFT FOR SHAFTWAY INSTALLATION

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 BATTERY BACKUP PROVIDED STANDARD.
  - 3.7 MANUAL LOWERING PULL HANDLE WITH ACCESS LOCK PROVIDED STANDARD AT UPPER LANDING.
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, .25 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 PRE-HUNG ELEVATOR DOOR WITH INTERLOCK PROVIDED. INSTALLATION IN BUILDING WALL MUST MEET ALL APPLICABLE CODES.
  - 4.5 SHAFT DIMENSIONS PROVIDED FOR REFERENCE ONLY. CLEARANCES MUST MEET ASME A18.1 AND APPLICABLE LOCAL CODES.
  - 4.6 UP/DOWN OPERATING SWITCH PROVIDED IN SINGLE-GANG BOX 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 GATE HINGING 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 ± .4°</small> <small>DECIMALS .001 ± .002 .005 ± .010</small>		<small>DATE</small> 9-5-18	<small>SCALE</small> 1/1	<small>REV</small> A
<small>DRAWN BY</small> S. APPLEBY	<small>CHECKED BY</small> [APPROVED]	<small>DATE</small> 9-5-18	<small>SCALE</small> 1/1	<small>REV</small> A
<small>DO NOT SCALE DRAWING.</small>		<small>APPROVED</small> By Philip Brobeck at 4:34 pm, Sep 05, 2018	<small>SCALE</small> 1/1	<small>REV</small> A
<small>SCALE</small> 1/1		<small>RELEASED BY</small> [Signature]	<small>DATE</small> 9-5-18	<small>REV</small> A



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FSCM NO. 08992  
 DWG. NO. CLARITY 16S  
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