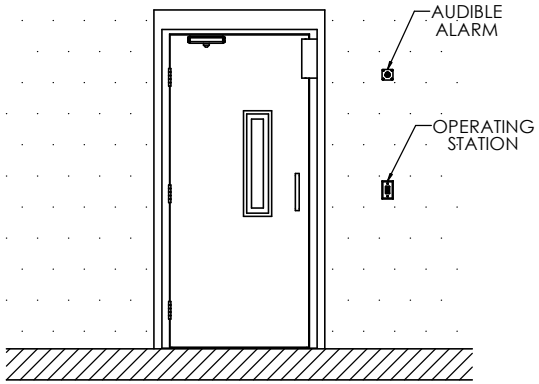
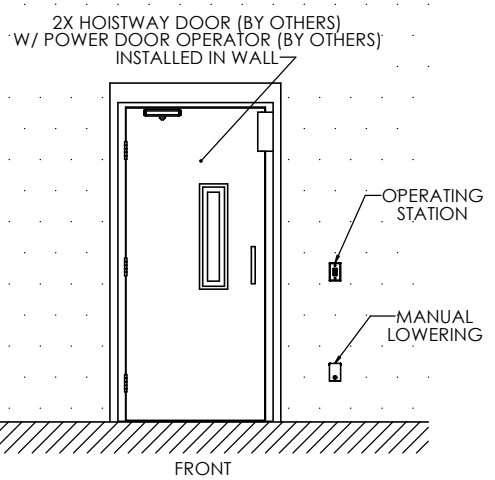
GENERIC DRAWING; CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS

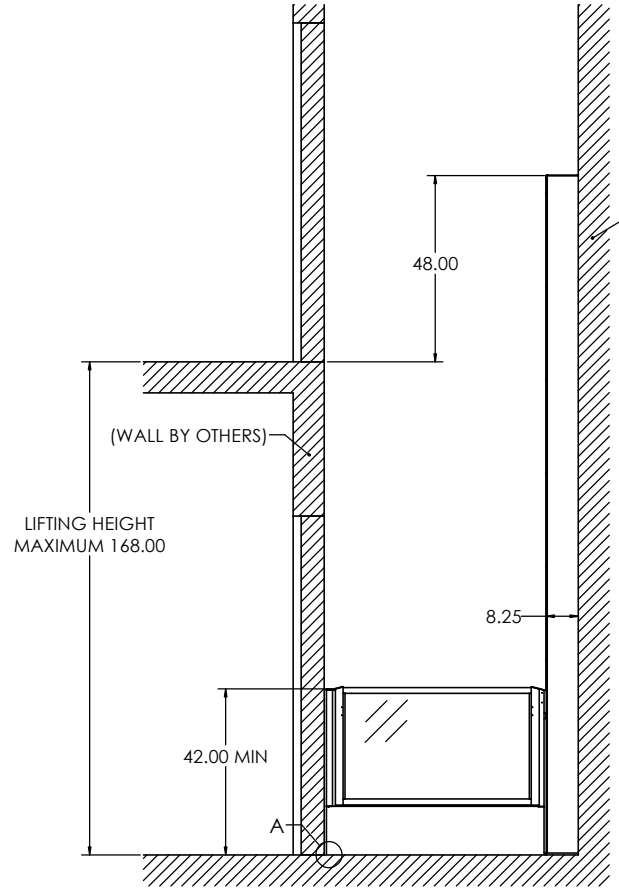
SEE OTHER CLARITY LIFT MODELS (16D, 16E, 16S, ETC.) FOR OTHER ENTRY/EXIT AND ENCLOSED/SHAFTWAY OPTIONS

SEE OPTIONS BROCHURE AND/OR SHEET 3 FOR VARIOUS CONFIGURATION OPTIONS

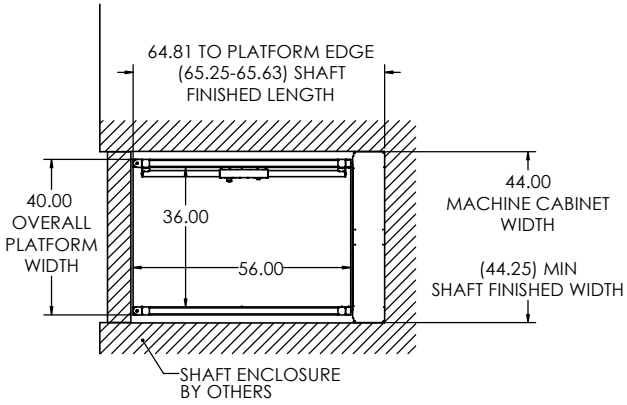


FRONT





SIDE (INTERIOR VIEW)



TOP

ASCENSION CLARITY 16C VERTICAL PLATFORM WHEELCHAIR LIFT FOR PERMANENT SHAFTWAY LIFT APPLICATIONS

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
DECIMALS .XX ± .25 .XXX ± .13
ANGLES ± .5°

DO NOT SCALE DRAWING

FINISH

DRAWN S.APPLEBY 8/5/2024

CHECK

APPROVED By Philip Brobeck at 8:45 am, Aug 06, 2024

MATERIAL

HEAT TREAT/PLATING

CUSTOMER

DELIVER TO | NET WT. | GRS. WT.

P.O. BOX 40020
TUCSON, ARIZONA 85717-0020

ascension®

TITLE

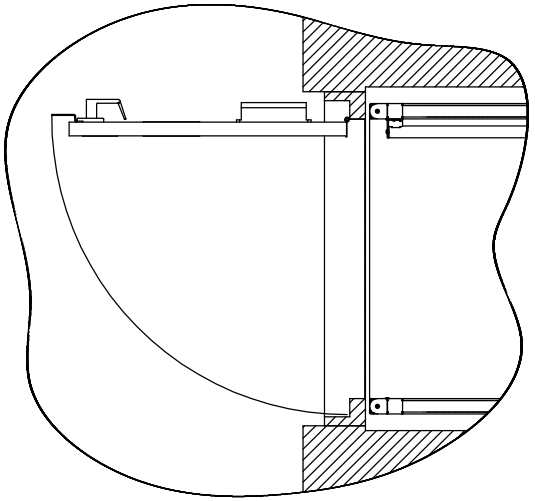
CLARITY 16C
SHAFTWAY, SAME-SIDE

SIZE	FSCM NO.	DWG. NO.	REV
D	08992	CLARITY 16C	D

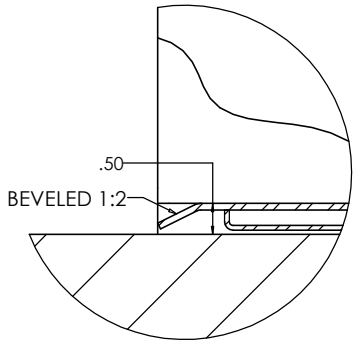
SCALE 1/16 RELEASE DATE SHEET 1 OF 3

D SIZE SHT 1 02/03

FILE \Solidworks01\Ascension\CLARITY 16C.SLDDRW



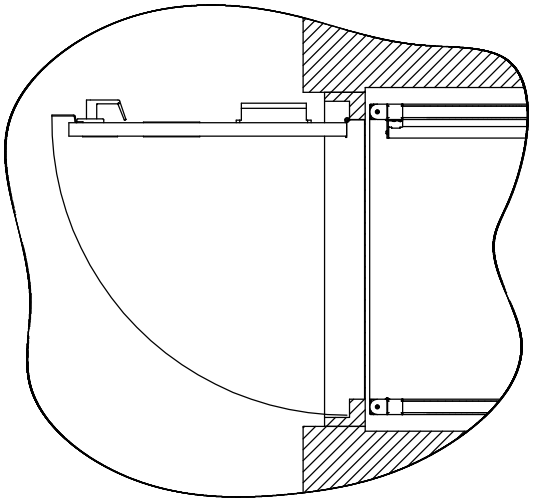
UPPER HOISTWAY DOOR SWING
(DOOR BY OTHERS)
(RH DOOR SHOWN)



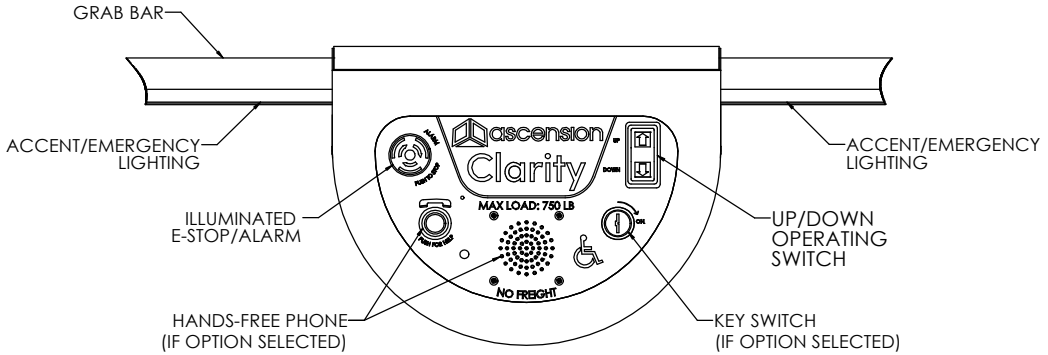
DESIGNED FOR PITLESS INSTALLATION ON TOP OF FINISHED FLOOR.

LOW-PROFILE PLATFORM WITH ENTRY THRESHOLD IAW ADAAG 404.2.5.

DETAIL A
SCALE 1 : 1
PLATFORM FLOOR
(ENCLOSURE HIDDEN)



LOWER HOISTWAY DOOR SWING
(DOOR BY OTHERS)
(RH DOOR SHOWN)



PLATFORM CONTROLS
SCALE 1: 2

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

D SIZE SHT 2+ 11/01

FILE \Solidworks01\Ascension\CLARITY 16C.SLDDRW

CONFIGURATION

TOTAL TRAVEL	168.00" MAX
ENTRY/EXIT CONFIG.	SAME SIDE
ENCLOSURE PROVIDED	NONE (BY OTHERS)

LOWER LANDING	
DOOR TYPE	HOISTWAY DOOR (BY OTHERS)
HANDING	RH/LH
DOOR OPERATOR	YES (BY OTHERS)
CALL STATION TYPE	WALL MOUNT
CALL STATION KEYED	YES/NO

UPPER LANDING	
DOOR TYPE	HOISTWAY DOOR (BY OTHERS)
HANDING	RH/LH
DOOR OPERATOR	YES (BY OTHERS)
CALL STATION TYPE	WALL MOUNT
CALL STATION KEYED	YES/NO

PLATFORM	
KEY SWITCH	YES/NO
HANDS-FREE PHONE	YES/NO
PLATFORM LIGHTING	STANDARD
SLIP-RESISTANT FLOOR	STANDARD

OUTDOORS	YES/NO
PIT SWITCH	STANDARD
MANUAL LOWERING	REMOTE WALL MOUNT
AUDIBLE ALARM	REMOTE WALL MOUNT
BATTERY BACKUP	STANDARD

SPECIFICATIONS

DESCRIPTION	SHAFTWAY VERTICAL PLATFORM WHEELCHAIR LIFT
CODE COMPLIANCE	ASME A18.1, ASME A17.5, NFPA 70 (NEC), ANSI A117.1, ADASAD (ADAAG)
APPLIED VERSION	ASME A18.1-2023
MODEL	CLARITY 16C
RATED LOAD	750 LB
RATED SPEED	20 FT/MIN
DUTY CYCLE	168 CYCLE-FT/HR (12 CYCLES/HR MINIMUM)
PLATFORM SIZE	36" X 56"
POWER SUPPLY	27VDC, 500W (18.5A)
BATTERIES	12V, 35A-h AGM SLA (2X)
CONTROL SYS.	24VDC
MOTOR	24VDC, 3 HP
DRIVING MEANS	2:1 CHAIN-HYDRAULIC

PLUNGER (2X)	1.25" SOLID
CYL. I.D. (2X)	2.00"
CYL. O.D. (2X)	2.38"
STROKE (2X)	(VARIES)

WORKING PSI	400 PSI
RELIEF PSI	600 PSI (1.5 X WP)

CHAIN TYPE	4X ANSI #50 ROLLER CHAIN
CHAIN STRENGTH	5045 LBF EACH
SAFETIES	2X TYPE A

DOOR LOCKS	(SEE HOISTWAY DOOR)

CONFIGURATION: FINISHES

LIFT COLOR (POWDER COAT)	☐ SILVER (STANDARD) ☐ BLACK ☐ CUSTOM:_____
HARDWARE COLOR	☐ SILVER (STANDARD) ☐ BLACK ☐ BRASS ☐ OIL RUBBED BRONZE
PLATFORM WINDOWS	☒ CLEAR LAMINATED GLASS (STANDARD)
WINDOW ART	☐ NONE (STANDARD) ☐ CUSTOM LOGO/IMAGE

PROVISIONS BY OTHERS

GENERAL

HOISTWAY: HOISTWAY MUST BE SQUARE AND PLUMB WITHIN 1/4" TO ENSURE PROPER LIFT OPERATION. SHAFT DIMENSIONS PROVIDED FOR REFERENCE ONLY. HOISTWAY MUST MEET ASME A18.1 AND ALL APPLICABLE STATE AND LOCAL CODES. HOISTWAY IS TO BE PROVIDED BY OTHERS.

DOORS: INSTALLATION OF DOORS TO MEET ALL APPLICABLE CODES. HOISTWAY DOORS TO BE PROVIDED BY OTHERS (SEE ATTACHED FOR RECOMMENDATION).

REAR CABINET CLOSURE: VERTICAL SURFACE BEHIND MACHINE CABINET SHALL HAVE STRENGTH AND STIFFNESS EQUIVALENT TO 14GA (.08) SHEET STEEL.

DIMENSIONS: TOTAL TRAVEL HEIGHT MUST BE WITHIN ±3/8" OF NOMINAL. VERIFY ALL DIMENSIONS AND IMMEDIATELY REPORT ANY DISCREPANCIES.

FLOOR: FLOOR BENEATH UNIT AND DOOR SWINGS MUST BE FLAT AND LEVEL WITHIN 1/8". OUTDOORS, DRAINAGE SHALL NOT FLOW THROUGH OR INTO UNIT.

PIT/RAMP: DO NOT PROVIDE PIT OR RAMP. LIFT DESIGNED WITH LOW-PROFILE PLATFORM FLOOR FOR DIRECT ENTRY IAW ADAAG 404.2.5.

OVERHEAD CLEARANCE: MUST COMPLY WITH ALL APPLICABLE CODES.

CONSTRUCTION COORDINATION: OWNER/AGENT RESPONSIBLE FOR ALL MASONRY, CARPENTRY, DRYWALL, PATCHING, AND FINISHING WORK NEEDED PRIOR TO AND FOLLOWING LIFT INSTALLATION.

STRUCTURAL: SUPPORTING STRUCTURE SHALL BE DESIGNED AND CONSTRUCTED TO SAFELY SUPPORT APPLIED LOADS IN ACCORDANCE WITH "CLARITY LOADING" DIAGRAM.

ELECTRICAL

GENERAL: ALL WIRING SHALL COMPLY WITH NFPA 70 (NEC).

POWER: 120VAC, 60HZ, 6A, 1PH CIRCUIT WITH DISCONNECT (SEE BELOW).

CONCEALED REAR ACCESS: CLEAR SPACE 7.25" X 7.50" (W x H) BEHIND LIFT AVAILABLE FOR WIRE ENTRY. SPACE CENTERED 10.88" RIGHT OF LIFT CENTERLINE AND NOMINALLY 6.88" ABOVE LOWER LANDING FLOOR.

SIDE ACCESS: TWO 1/2-14 NPSM THREADED HOLES ARE PROVIDED ON BOTH SIDES OF THE MACHINE CABINET. HOLES ARE NOMINALLY 2.25" AND 3.50" ABOVE LOWER FLOOR AND 1.00" FROM REAR VERTICAL WALL.

MAIN DISCONNECT SWITCH: OTHERS SHALL PROVIDE LOCKABLE FUSED DISCONNECT SWITCH IAW NFPA 70. SWITCH TO INCLUDE ADDITIONAL POLE OR CONTACT FOR DISCONNECTION OF CONTROLLER FROM 24V BACKUP SUPPLY.

LIGHTING: 54 LX MIN. AT PLATFORM AND LANDINGS.

ADDITIONAL AC CONNECTIONS: ADDITIONAL AC CONNECTIONS REQUIRED FOR:

VENTILATION SYSTEM (IF EQUIPPED), 120VAC 1.3A 60HZ 1PH.

DOOR OPERATORS (BY OTHERS), POWER REQ. PER MANUFACTURER

PHONE: STANDARD PHONE CABLE WITH RJ11 PLUG CONNECTOR REQUIRED FOR OPTIONAL (ANALOG) HANDS-FREE PHONE, WHERE PROVIDED.

SIZE	FSCM NO.	DWG. NO.	REV
D	08992	CLARITY 16C	D
SCALE 1/16	RELEASE DATE	SHEET 3	

D SIZE SHT 2+ 11/01

FILE \Solidworks01\Ascension\CLARITY 16C.SLDDRW

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

(GENERIC APPLICATION DEPICTED; ENCLOSURE NOT SHOWN)

MACHINE CABINET ANCHORS					
ANCHORING REQUIREMENT	**ANCHOR LOCATION* (±.38) [IN]**	**MAX LOAD** PER ANCHOR [LBF]**	**# OF ANCHORS**	**TYPE (NEXT SHEETS)**	**APPLICABILITY**
ANCHOR AT ONE OF THESE LOCATIONS. OTHERS OPTIONAL†	193.50	227	2	C	TRAVEL > 148"
	169.50				TRAVEL > 124"
	145.50				TRAVEL > 100"
	121.50				ALL LIFTS
	BELOW SILL	100	8	G	16D HL PKG WITH U-BRACE ONLY
OPTIONAL†	97.50	227	2	C	ALL LIFTS
	73.50				
	49.50				
	25.50				
ANCHOR AT ONE OF THESE LOCATIONS	6.00	227	2	C	NO HL PKG
	LOWER F.F.	327	2	D	HL PKG ONLY
ENCLOSURE ANCHORS (16D MODEL ONLY)					
REQUIRED IF PRESENT	UPPER F.F.	100	2	E	16D ONLY
REQUIRED IF PRESENT	LOWER F.F.	100	2	F	16D ONLY

* ACTUAL LOCATIONS OF WALL ANCHORS MAY VARY AS MUCH AS ±3/8" FROM VALUES GIVEN ABOVE. MOUNTING STRUCTURE MUST BE ABLE TO ACCOMODATE THIS VARIABILITY.

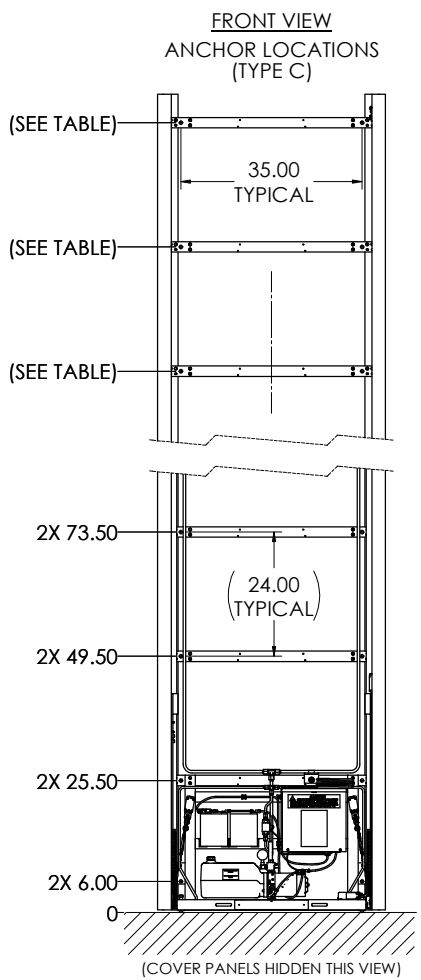
** LOADS LISTED ASSUME STATIC LOADING AND DO NOT INCLUDE WIND, SEISMIC, OR SAFETY FACTOR.

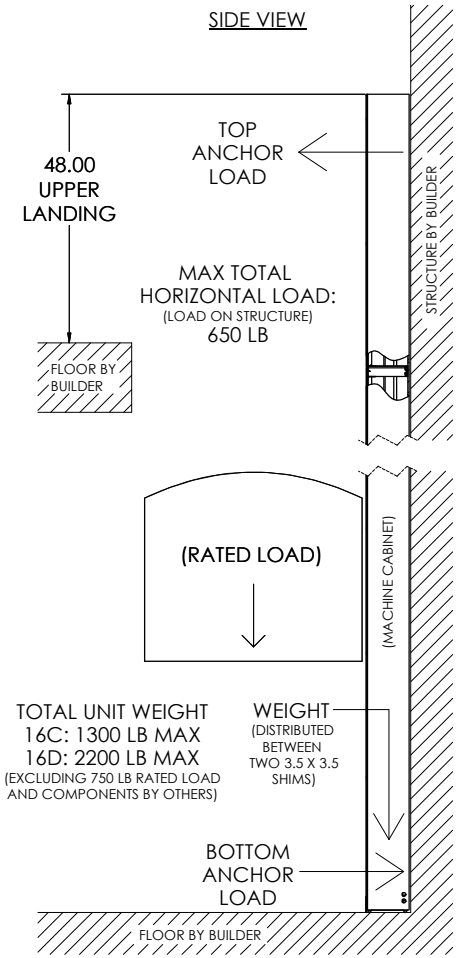
† USE OF OPTIONAL ANCHORS RECOMMENDED FOR MAXIMUM RIGIDITY.

ADDITIONAL NOTES:

1. ANCHORS PROVIDED BY ASCENSION FOR COMMON MOUNTING APPLICATIONS. PROJECT STRUCTURAL ENGINEER RESPONSIBLE FOR EVALUATING SITE-SPECIFIC STRUCTURAL CONSIDERATIONS AND FINAL ANCHOR SELECTION.

STAINLESS-STEEL CONCRETE ANCHORS PROVIDED FOR OUTDOOR APPLICATIONS.





INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] TOLERANCES:
DECIMALS .XX ± N/A .XXX ± N/A
ANGLES ± N/A
DO NOT SCALE DRAWING
FINISH
BREAK EDGE TURNING
DRAWN C.WILLIS DATE 7-21-26
CHECK
APPROVED By SAppleby at 12:06 pm, Jul 21, 2026
CONTRACT
CUSTOMER
SCALE TO
NET WT.
CALC. WT.

ascension®
P.O. BOX 40020 TUCSON, ARIZONA 85717-0020

TITLE
CLARITY LOADING SAME SIDE

SIZE D | FSCM NO. 08992 | DWG. NO. CLARITY LOADING SS | REV C

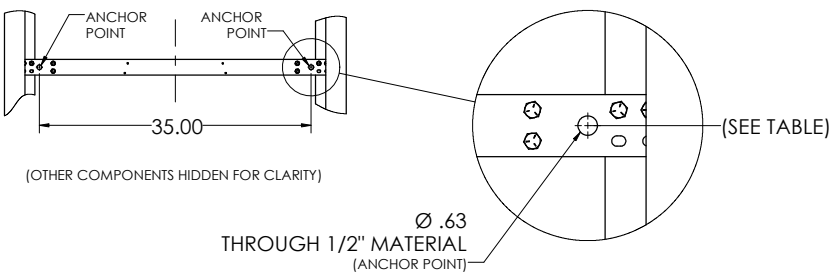
SCALE 1/16 | RELEASE DATE | SHEET 1 OF 3

D SIZE SHT 1 02/03

FILE \Solidworks01\Ascension\CLARITY LOADING SS.SLDDRW

ANCHOR LOCATION TYPE: C

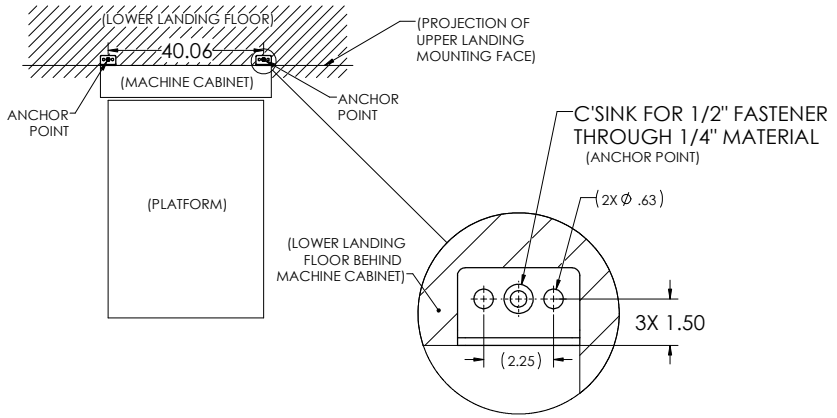
ANCHORS PROVIDED - FOR CONCRETE OR WOOD STRUCTURES:
2X (EACH) 1/2" X 4" CONCRETE ANCHORS
(EX: SIMPSON STRONG-TIE P/N THD50400H, THD50400H6SS, OR THD50400H4SS)
2X (EACH) 1/2" X 4" LAG SCREWS FOR WOOD (INDOOR ONLY)



ANCHOR LOCATION TYPE: D

(HOLLOW LANDING PACKAGE [HL PKG] ONLY)

ANCHORS PROVIDED - FOR NORMAL-WEIGHT CONCRETE FLOOR ONLY:
2X 1/2" X 2" DROP-IN CONCRETE ANCHORS, 1/2-13 INTERNAL THREAD
(EX: SIMPSON STRONG-TIE P/N DIAB50, DIA506SS, OR DIA50SS)
2X 1/2-13 X 1" FLAT HEAD SCREWS

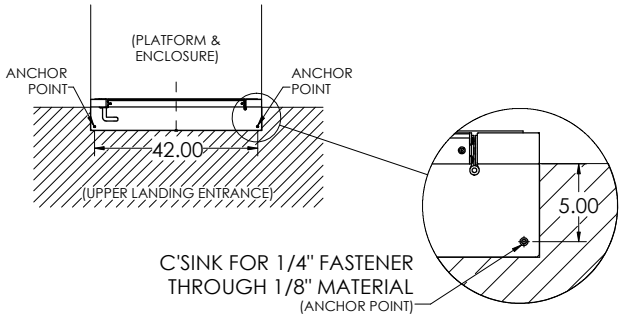


ANCHOR LOCATION TYPE: E

(CLARITY 16D ONLY)

ANCHORS PROVIDED - FOR CONCRETE OR WOOD LANDINGS:
2X 1/4" X 2.25" FLAT HEAD CONCRETE ANCHORS
(EX: SIMPSON STRONG-TIE P/N TTN25214PFSS)

2X 1/4-20 THREADED INSERTS FOR WOOD (INDOOR ONLY)
2X 1/4-20 FLAT HEAD SCREWS



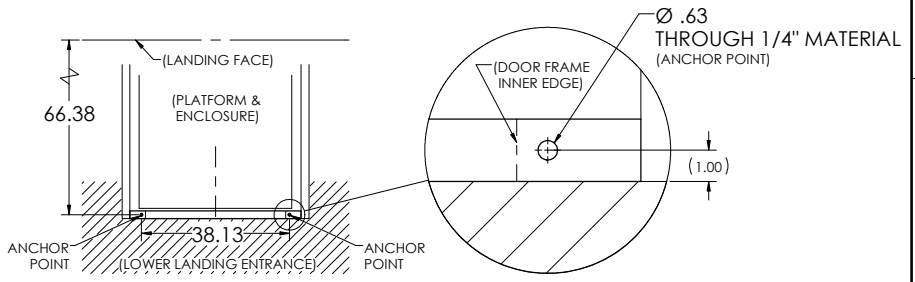
(POWER GATE OPERATOR & OTHER COMPONENTS HIDDEN FOR CLARITY)

ANCHOR LOCATION TYPE: F

(CLARITY 16D ONLY)

ANCHORS PROVIDED - FOR CONCRETE OR WOOD FLOOR:
2X 1/2" X 2" DROP-IN CONCRETE ANCHORS, 1/2-13 INTERNAL THREAD
(EX: SIMPSON STRONG-TIE P/N DIAB50, DIA506SS, OR DIA50SS)
2X 1/2-13 X 1" SCREWS

2X 1/2" X 4" LAG SCREWS FOR WOOD (INDOOR ONLY)



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

D SIZE SHT 2+ 11/01

FILE \Solidworks01\Ascension\CLARITY LOADING SS.SLDDRW

NOTES UNLESS OTHERWISE SPECIFIED:

1. DESCRIPTION: REMOTELY LOCATED CALL STATION FOR ASCENSION VERTICAL PLATFORM WHEELCHAIR LIFT. SUITABLE FOR SURFACE OR FLUSH WALL MOUNT.

2. CHARACTERISTICS:

2.1 COVER PLATE: STANDARD SIZE WALL PLATE (4.5" X 2.75"), BRUSHED STAINLESS STEEL.

2.2 SWITCH: 3 POSITION ROCKER, REQUIRES CONSTANT PRESSURE TO ACTUATE.

2.3 MOUNTING BOX: SURFACE MOUNT SINGLE GANG BOX 2.00" DEEP, OR PREINSTALLED FLUSH MOUNT SINGLE GANG BOX.

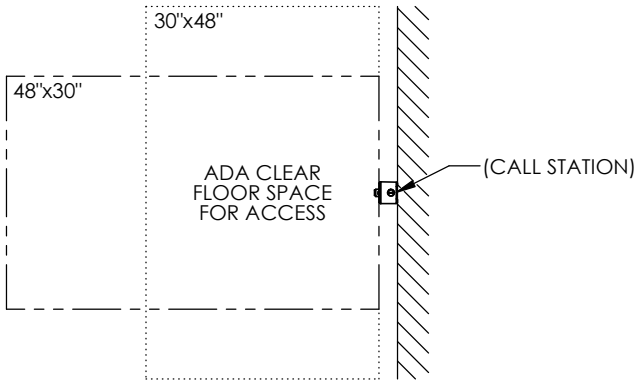
2.4 WEATHER RATING: SUITABLE FOR OUTDOOR USE.

3. ADA REQUIREMENTS:

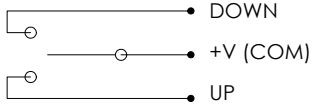
3.1 MOUNT BETWEEN 15" AND 48" ABOVE FLOOR.
IAW ADAAG 308.2 OR 308.3

3.2 PROVIDE 30"x48" OR 48"x30" CLEAR FLOOR SPACE FOR ACCESSING CALL STATION.
IAW ADAAG 309.2 & 305

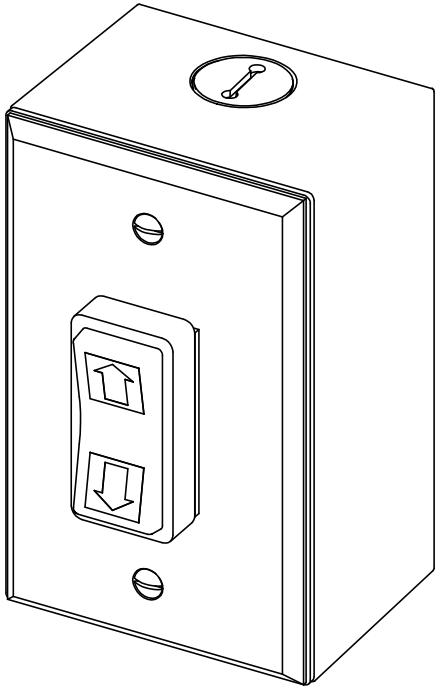
NOTE: CLEAR FLOOR SPACE MUST BE OUTSIDE SWING OF AUTOMATIC DOORS AND GATES.



WIRING:

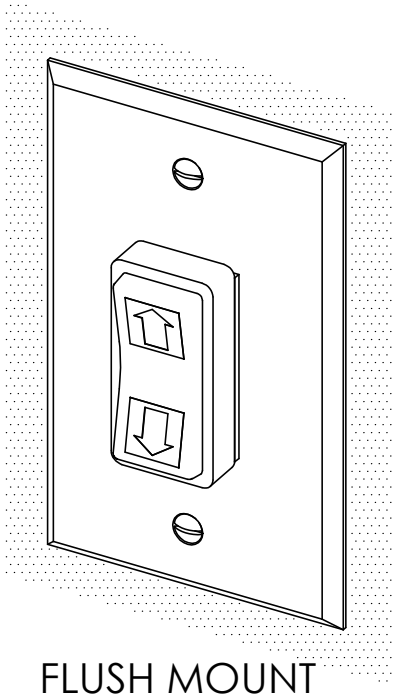


(3) 1/4" QUICK-DISCONNECT TERMINALS (PROVIDED)



SURFACE MOUNT

OR



FLUSH MOUNT

(PLATE COMPATIBLE WITH PREINSTALLED 1-GANG BOX)

REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVAL

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
DECIMALS .XX ± N/A .XXX ± N/A
ANGLES ± N/A

DO NOT SCALE DRAWING

FINISH

SIMILAR TO | ACT. WT. | CALC. WT.

CONTRACT NO.

DRAWN S.APPLEBY DATE 12-4-24

CHECK APPROVED By CWillis at 10:06 am, Dec 05, 2024

MANUFACTURING

CUSTOMER

P.O. BOX 40020
TUCSON, ARIZONA 85717-0020
ascension®

TITLE **OPERATING STATION (CALL BOX) WALL MOUNTED**

SIZE	FSCM NO.	DWG. NO.	REV.
B	08992	115712	E

SCALE 1/1 RELEASE DATE SHEET 1 OF 1

B SIZE SHT 1 02/03

FILE \Solidworks01\Ascension\115712_SALES.SLDDRW

REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVAL

NOTES UNLESS OTHERWISE SPECIFIED:

1. DESCRIPTION: REMOTELY LOCATED MANUAL LOWERING STATION FOR ASCENSION VERTICAL PLATFORM WHEELCHAIR LIFTS.

2. CHARACTERISTICS:

2.1 KEYED ACCESS TO MANUAL LOWERING PULL HANDLE LOCATED BEHIND LOCKED COVER.

2.2 160" LONG BICYCLE BRAKE CABLE RUNNING FROM BACK OF BOX TO BE CONNECTED TO LOWERING VALVE ON LIFT POWER UNIT.

2.3 THREE (3) SEPARTE PAIRS OF MOUNTING HOLES AVAILABLE FOR MOUNTING REMOTE LOWERING BOX TO WALL.

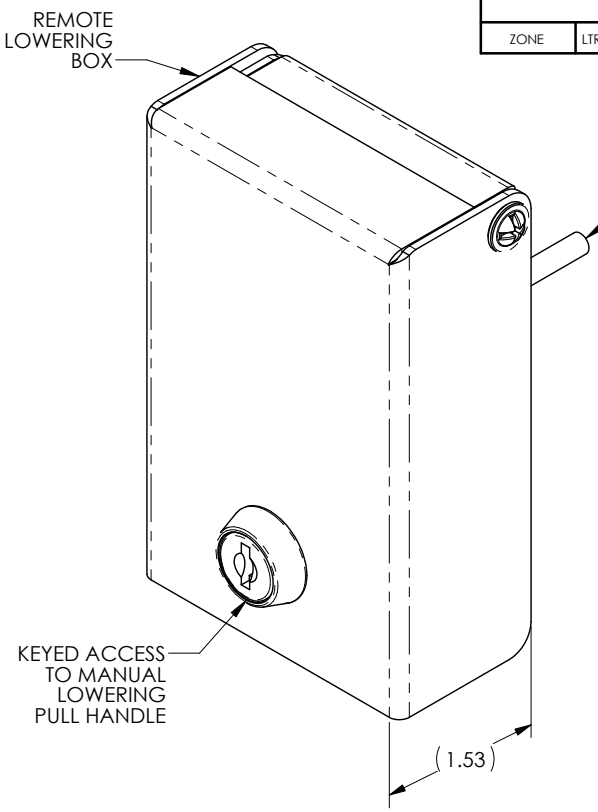
3. SITE CONSIDERATIONS:

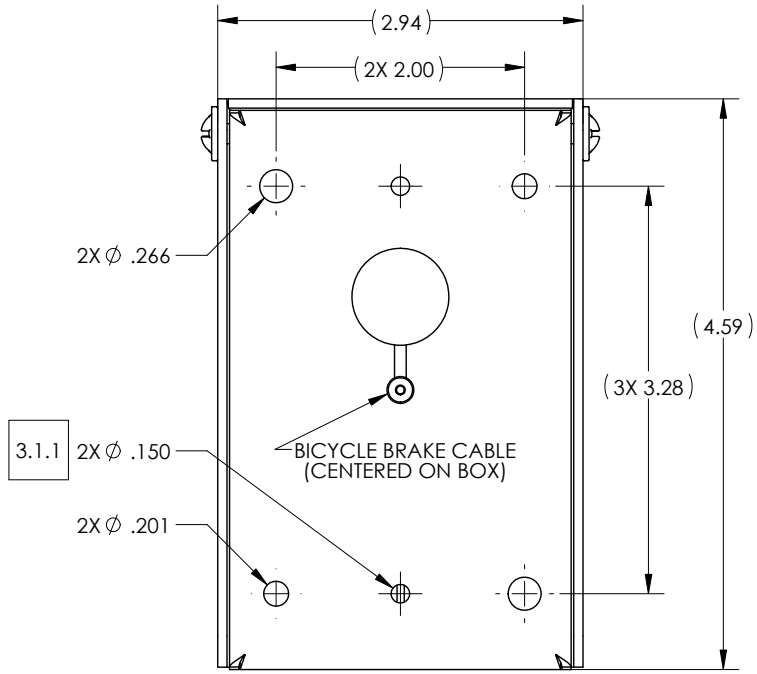
3.1 PROVIDE MEANS FOR MOUNTING REMOTE MANUAL LOWERING BOX TO WALL.

3.1.1 THE .150" DIAMETER HOLES ARE LOCATED FOR FASTENING TO FRONT OF STANDARD RECESSED SINGLE GANG WALL BOX

3.2 PROVIDE MEANS TO ROUTE BICYCLE BRAKE CABLE FROM BACK OF REMOTE MANUAL LOWERING BOX TO LOWERING VALVE ON POWER UNIT

3.3 ENSURE ANY BENDS IN BICYCLE BRAKE CABLE HAVE AT LEAST A 2.00" RADIUS.





MOUNTING HOLES (BACK VIEW)

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS .XX ± N/A .XXX ± N/A
ANGLES ± N/A

DO NOT SCALE DRAWING

PART DASH NO.	NEXT	FINAL	NEXT ASSY.	USED ON
	QTY. REQ'D PER ASSY.		APPLICATION	

FINISH

SIMILAR TO | ACT. WT. | CALC. WT.

CONTRACT NO.

DRAWN S.APPLEBY DATE 8-12-19

CHECK

APPROVED
By Philip Brobeck at 12:15 pm, Aug 13, 2019

MANUFACTURING

CUSTOMER

agm **CONTAINER CONTROLS, INC.**
P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020

TITLE **REMOTE MANUAL LOWERING STATION WALL MOUNTED**

SIZE	FSCM NO.	DWG. NO.	REV.
B	08992	117580	-

SCALE 1/1 RELEASE DATE SHEET 1 OF 1

B SIZE SHT 1 02/03

FILE \Solidworks01\117580_SALES.SLDDRW

REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVAL

NOTES UNLESS OTHERWISE SPECIFIED:

1. DESCRIPTION: SHAFTWAY/PIT STOP SWITCH FOR DISABLING CLARITY VERTICAL WHEELCHAIR LIFT WHEN SERVICING BENEATH PLATFORM. SUITABLE FOR FLUSH OR SURFACE WALL MOUNT.

2. CHARACTERISTICS:

2.1 COVER PLATE: STANDARD SIZE WALL PLATE (4.5" x 2.75"), BRUSHED STAINLESS STEEL

2.2 SWITCH: PUSHLOCK EMERGENCY STOP MECHANISM, PULL OR TWIST TO RELEASE

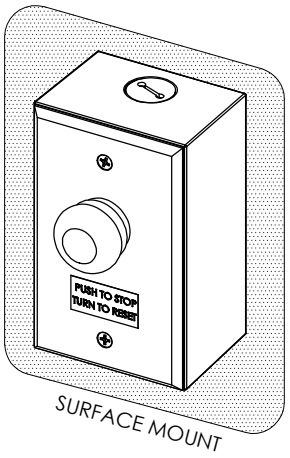
2.3 WEATHER RATING: SUITABLE FOR OUTDOOR USE

3 MOUNTING BOX INSTALLATION DETAILS:

3.1 INSTALL WITH PROVIDED SURFACE-MOUNT SINGLE GANG BOX, OR REMOVE FACE PLATE FOR USE WITH PREINSTALLED FLUSH MOUNT 1-GANG BOX.
SURFACE MOUNT BOX REQUIRES WIDER SHAFT WITH 3.25" MIN SIDE CLEARANCE.

3.2 PIT SWITCH MUST BE INSTALLED INSIDE SHAFTWAY AND ACCESSIBLE FROM LOWER LANDING ENTRANCE
IAW ASME 18.1

3.3 STOP SWITCH TO BE WIRED TO LOWER DOOR INTERLOCK (STRIKE SIDE). 96" OF 2-CONDUCTOR CABLE INCLUDED.

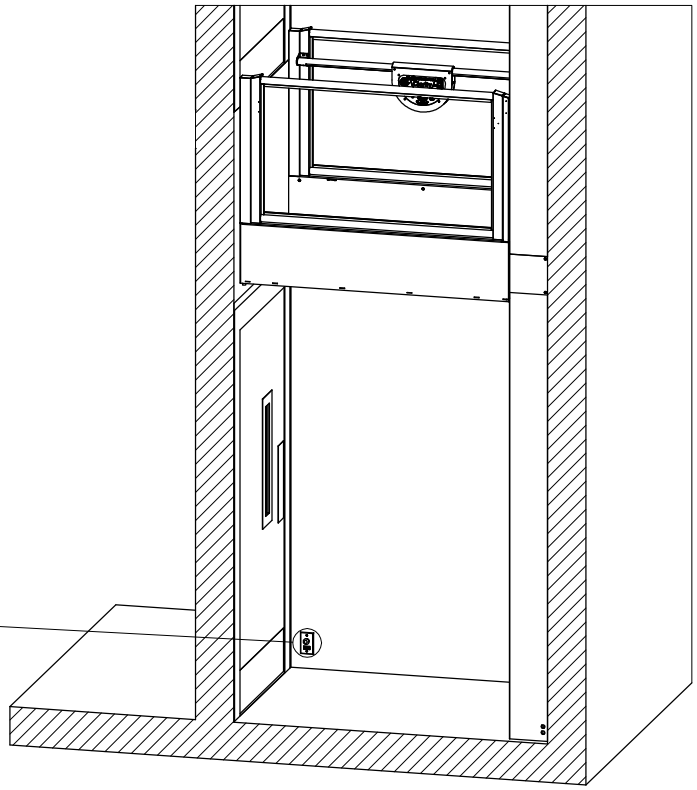


SURFACE MOUNT

OR



FLUSH MOUNT



INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
DECIMALS .XX ± .XXX ±
ANGLES ±

DO NOT SCALE DRAWING

FINISH

SIMILAR TO | ACT. WT. | CALC. WT.

CONTRACT NO.

DRAWN A.SZWAYKOWSKI | DATE 11-16-23

CHECK
APPROVED
By SAppleby at 7:01 am, Jun 09, 2026

MANUFACTURING

CUSTOMER

P.O. BOX 40020
TUCSON, ARIZONA 85717-0020
ascension®

TITLE
SHAFTWAY PIT SWITCH, REMOTE MOUNTED

SIZE	FSCM NO.	DWG. NO.	REV.
B	08992	117534	B

SCALE 1/1 | RELEASE DATE | SHEET 1 OF

B SIZE SHT 1 02/03

FILE

WALL-MOUNT DOOR SPECIFICATIONS

FOR DOORS TO BE USED WITH ASCENSION LIFTS

(RECOMMENDED DOOR MODEL **OPTIONALLY** PROVIDED WITH LIFT; SEE QUOTE)

1. **DESCRIPTION:**
   SPECIFICATIONS FOR WALL-MOUNT DOORS AND INTERLOCKS TO BE USED WITH ASCENSION WHEELCHAIR LIFTS (16S, 16C, & CERTAIN 5442F SERIES LIFTS).

2. **CODE REQUIREMENTS**:
   DOOR AND INTERLOCK TO COMPLY WITH ALL APPLICABLE CODES AND REQUIREMENTS, INCLUDING ASME A18.1.
   GENERAL REQUIREMENTS FOR REFERENCE ONLY:
   - DOOR MUST BE SELF-CLOSING
   - INSIDE OF DOOR MUST FORM SMOOTH, UNPERFORATED SURFACE FLUSH WITH SURROUNDING FACES OF ENCLOSURE/HOISTWAY
   - DOOR AND INTERLOCK MUST WITHSTAND A 125 LBF APPLIED FORCE
   - DOOR MUST BE FIRE-RATED (IF APPLICABLE)

3. **INTERLOCK SPECIFICATIONS**:
   MECHANICAL INTERLOCK TO INCLUDE TWO (2) PARALLEL (SEPARATE) CONTACTS FOR LIFT'S DOOR CLOSED AND DOOR LOCKED SIGNAL CIRCUITS. CONTACTS TO BE CLOSED WHEN DOOR SHUT AND LOCKED.
   INTERLOCK TO BE FAIL-SECURE, 24VDC, 0.5A MAX CURRENT DRAW.
   (1.0A MAX CURRENT DRAW FOR PROTÉGÉ 5442F SERIES)
   INTERLOCK TO BE CERTIFIED TO ASME A18.1, ASME A17.1, CSA B44, OR CSA B355.

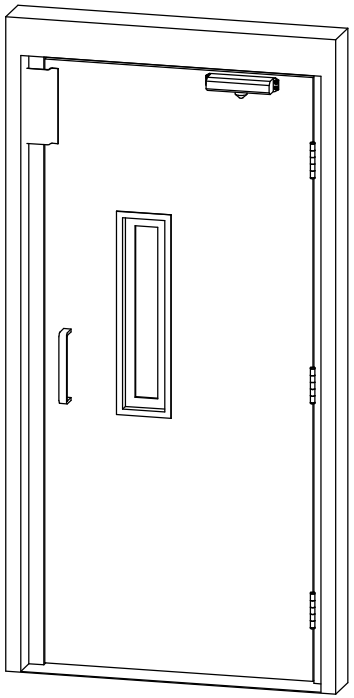
   RECOMMENDED INTERLOCK MODELS:
   - IDEC HS5L (HS5L-XD44M-G OR SIMILAR)
     - AVAILABLE FROM ASCENSION
   - ATLAS ATLOCK (ATLOCK-LP5 (LH), ATLOCK-RP5 (RH), OR SIMILAR)

4. **RECOMMENDED HOISTWAY DOOR MANUFACTURER & MODEL**:
   BELCO DOORS
   P/N: COM-316

   STANDARD FEATURES:
   - 1.5 HOUR FIRE RATING
   - VISION PANEL
   - PRIMED AND READY FOR PAINT

   OPTIONS:
   - "RH" OR "LH" HANDING
   - CONCEALED POWER DOOR OPERATOR (PDO)
   - OUTDOOR WEATHER PACKAGE

   FIRE-RATED WOODEN DOOR OPTIONS AVAILABLE; CONTACT BELCO DOORS FOR MORE DETAILS.



DOOR APPEARANCE FOR REFERENCE ONLY
("LH" HANDING SHOWN)

INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM]
TOLERANCES:
DECIMALS .XX ± N/A .XXX ± N/A
ANGLES ± N/A
DO NOT SCALE DRAWING
FINISH
BREAK TO
NET WT.
CALC. WT.

CONTRACT
DRAWN S.APPLEBY DATE 12-30-25
CHECK
APPROVED By CWillis at 12:45 pm, Jan 06, 2026
MFG APPR
CUSTOMER

ascension®
P.O. BOX 40020
TUCSON, ARIZONA 85717-0020

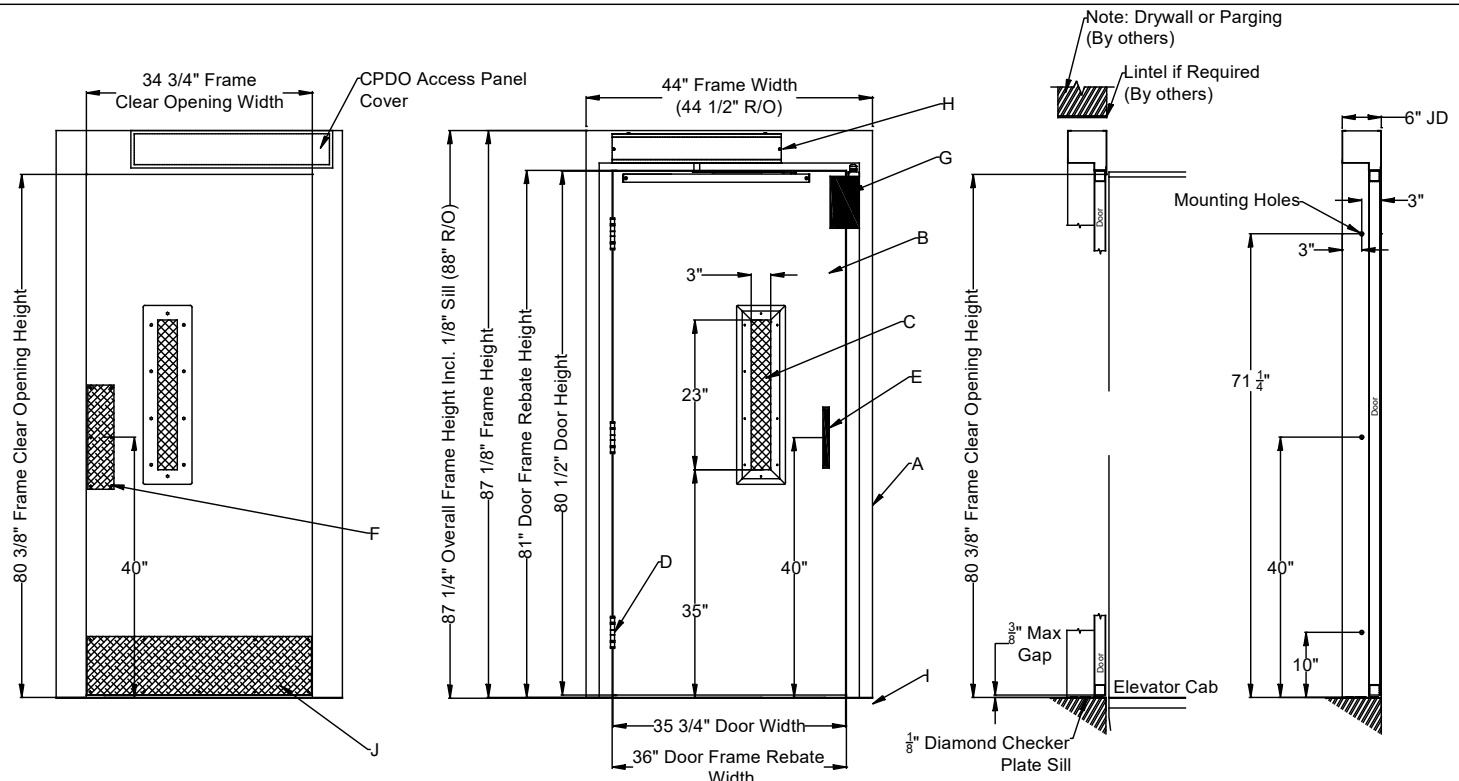
TITLE
WALL-MOUNT DOOR SPECIFICATIONS

SIZE D | FSCM NO. 08992 | DWG. NO. - 16S DOOR | REV C
SCALE 1/8 | RELEASE DATE | SHEET 1 OF 1

D SIZE SHT 1 02/03

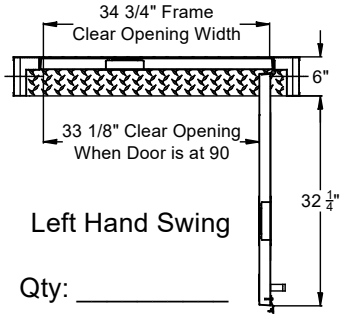
FILE \Solidworks01\Ascension\16S DOOR.SLDDRW

BELCO DOORS COM-316 ORDER FORM



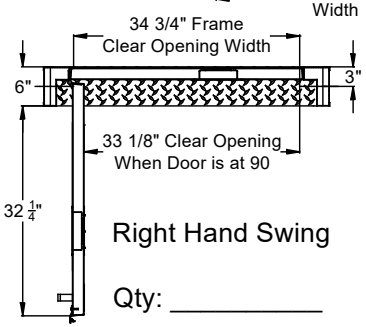
1-1/2 Hour Elevator Approved "B" Fire Label

A. 16ga. Frame (Galvanneal & Paint Ready)
B. 18ga. Steel Door (Honeycomb Core, Galvanneal & Paint Ready)
C. 3" x 23" Vision Panel (1/4" Wired Glass)
D. (3) 4 1/2" NRP BB Hinges (US26D Finish)
E. D-Handle (Brushed Aluminum)
F. Push Plate (Brushed Aluminum)
G. EMI Interlock (Atlas Atlock)
H. Concealed PDO-110V (Optional)
I. Flat Diamond Zinc Plated Sill with Sill Pins
J. Kick Plate (Brushed Aluminum)



Left Hand Swing

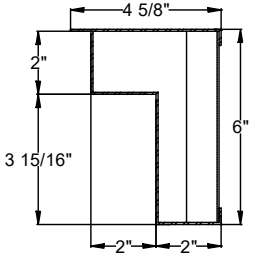
Qty: _____



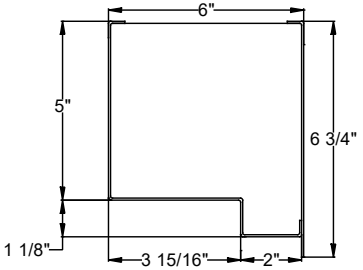
Right Hand Swing

Qty: _____

Side Jambs Profile



Head Jamb Profile



Standard Entrances are provided with a Manual Door Closer, if Power Door Operation is Required - Please Check Box Below

☐ Power Door Operation is Required

Standard Entrances are for Interior use, if Exterior Application Pkg. is Required - Please Check Box Below

☐ Exterior Application Pkg. Required

NIAGARA BELCO DOORS LTD. IS NOT RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE BUILDING AND ITS ABILITY TO SUPPORT THE ENTRANCE.

REV NO.	REVISION DESCRIPTION	DATE	BY
0	INITIAL RELEASE	2NOV22	JPH

AGM Container
COM-316-3681-CPDO
Size 36" x 81"

SCALE: NTS

DRAWN BY:	DATE LAST MODIFIED:	DRAWING NO.	REV	SHEET NO.
JPH	NOV 15 2022	COM-316-3681-CPDO	0	1 OF 1