

CONFIGURATION		SPECIFICATION	NS	PROVISIONS BY OTHERS			
TOTAL TRAVEL	168.00" MAX	DESCRIPTION	SHAFTWAY VERTICAL	GENERAL			
ENTRY/EXIT CONFIG.	SAME SIDE		PLATFORM WHEELCHAIR LIFT	HOISTWAY: HOISTWAY MUST BE SQUA	A DE AND DITIAR WITHIN 1/	4" T○ ENICLIDE	
ENCLOSURE PROVIDE	D NONE (BY OTHERS)	CODE	ASME A18.1, ASME A17.5,		·		
LOWEDLANDING		COMPLIANCE	NFPA 70 (NEC), ANSI A117.1,	PROPER LIFT OPERATION. SHAFT DIM			
LOWER LANDING DOOR TYPE	HOISTWAY DOOR		ADASAD (ADAAG)	HOISTWAY MUST MEET ASME A18.1 A		AND LOCAL	
DOORTIFE	(BY OTHERS)	APPLIED VERSION		CODES. HOISTWAY IS TO BE PROVID			
HANDING	RH/LH	MODEL	CLARITY 16C	DOORS: INSTALLATION OF DOORS TO) MEET ALL APPLICABLE CC	DES. HOISTWAY	
DOOR OPERATOR	YES (BY OTHERS)		750 LB	DOORS TO BE PROVIDED BY OTHERS	(SEE ATTACHED FOR RECO	MMENDATION).	
CALL STATION TYPE	WALL MOUNT	RATED SPEED DUTY CYCLE	20 FT/MIN	REAR CABINET CLOSURE: VERTICAL SURFACE BEHIND MACHINE CABINET SHALL			
CALL STATION KEYED	YES/NO	DOIT CTCLE	168 CYCLE-FT/HR (12 CYCLES/HR MINIMUM)	HAVE STRENGTH AND STIFFNESS EQU	VALENT TO 14GA (.08) SHE	ET STEEL.	
		PLATFORM SIZE	36" X 56"	DIMENSIONS: TOTAL TRAVEL HEIGHT	, ,		
UPPER LANDING	LIOISTWAY DOOD		27VDC, 500W (18.5A)		·		
DOOR TYPE	HOISTWAY DOOR (BY OTHERS)	BATTERIES	12V, 35A-h AGM SLA (2X)	ALL DIMENSIONS AND IMMEDIATELY			
HANDING	RH/LH		24VDC	FLOOR: FLOOR BENEATH UNIT AND D			
DOOR OPERATOR	YES (BY OTHERS)		24VDC, 3 HP	WITHIN 1/8". OUTDOORS, DRAINAGE	SHALL NOT FLOW THROUG	SH OR INTO UNIT.	
CALL STATION TYPE	WALL MOUNT		2:1 CHAIN-HYDRAULIC	PIT/RAMP: DO NOT PROVIDE PIT OR F	RAMP. LIFT DESIGNED WITH	I LOW-PROFILE	
CALL STATION KEYED	YES/NO	PLUNGER (2X)	1.25" SOLID	PLATFORM FLOOR FOR DIRECT ENTRY	Y IAW ADAAG 404.2.5.		
			2.00"	OVERHEAD CLEARANCE: MUST COM	PLY WITH ALL APPLICABLE (CODES	
PLATFORM	V50 (NO		2.38"				
KEY SWITCH HANDS-FREE PHONE	YES/NO YES/NO	STROKE (2X)	(VARIES)	CONSTRUCTION COORDINATION: O	•		
PLATFORM LIGHTING	STANDARD			MASONRY, CARPENTRY, DRYWALL, P		WORK NEEDED	
SLIP-RESISTANT FLOOR		WORKING PSI	400 PSI	PRIOR TO AND FOLLOWING LIFT INST.	ALLATION.		
		RELIEF PSI	600 PSI (1.5 X WP)	STRUCTURAL: SUPPORTING STRUCTUR	E SHALL BE DESIGNED AND	CONSTRUCTED	
OUTDOORS	YES/NO	CHAIN TYPE	4X ANSI #50 ROLLER CHAIN	TO SAFELY SUPPORT APPLIED LOADS	IN ACCORDANCE WITH "C	CLARITY LOADING"	
PIT SWITCH	STANDARD	CHAIN STRENGTH	5045 LBF EACH	DIAGRAM.			
MANUAL LOWERING	REMOTE WALL MOUNT	SAFETIES	2X TYPE A	FLECTRICAL			
AUDIBLE ALARM	REMOTE WALL MOUNT	DOOR LOCKS	(SEE HOISTWAY DOOR)	ELECTRICAL			
BATTERY BACKUP	STANDARD	DOOK LOCKS	(SEE HOISTWAT DOOK)	GENERAL: ALL WIRING SHALL COMPI	Y WITH NFPA 70 (NEC).		
				POWER: 120VAC, 60HZ, 6A, 1PH CIRC	CUIT WITH DISCONNECT (SEI	E BELOW).	
				CONCEALED REAR ACCESS: CLEAR SPACE 7.25" X			
		CONFIGURATION	ON: FINISHES	SPACE CENTERED 10.88" RIGHT OF LIFT CENTERLINI			
		LIFT COLOR	☐ SILVER (STANDARD)	SIDE ACCESS: TWO 1/2-14 NPSM THREADED HOLES HOLES ARE NOMINALLY 2.25" AND 3.50" ABOVE LO			
		(POWDER COAT)	□ BLACK	MAIN DISCONNECT SWITCH: OTHERS	SHALL PROVIDE LOCKABLE	E FUSED	
		(i o vibeli oo vii)	□ CUSTOM:	DISCONNECT SWITCH IAW NFPA 70.			
		HARDWARE	☐ SILVER (STANDARD)	CONTACT FOR DISCONNECTION OF			
		COLOR	□ BLACK	LIGHTING: 54 LX MIN. AT PLATFORM		7.0.001 001121.	
			□ BRASS				
			☐ OIL RUBBED BRONZE	ADDITIONAL AC CONNECTIONS: AD	DITIONAL AC CONNECTION	NS REQUIRED FOR:	
		PLATFORM	☐ CLEAR LAMINATED	VENTILATION SYSTEM (IF EQUIPPED),	120VAC 1.3A 60HZ 1PH.		
		WINDOWS	GLASS (STANDARD)	DOOR OPERATORS (BY OTHERS), PO	WER REQ. PER MANUFACTI	JRER	
		WINDOW ART	□ NONE (STANDARD)	PHONE: STANDARD PHONE CABLE W			
			☐ CUSTOM LOGO/IMAGE	OPTIONAL (ANALOG) HANDS-FREE P		N KEWUIKED FOR	
				OF HONAL (ANALOG) HANDS-FREE P	HONE, WHERE PROVIDED.		
					FSCM NO. DWG. NO.		
					D 08992 C	CLARITY 16C	

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

(GENERIC APPLICATION DEPICTED; ENCLOSURE NOT SHOWN)

	MACH	IINE CABINET A	NCHORS							
ANCHORING REQUIREMENT	ANCHOR LOCATION* (±.38) [IN]	MAX LOAD** PER ANCHOR [LBF]	# OF ANCHORS	TYPE (NEXT SHEETS)	APPLICABILITY					
	193.50	227	2	С	TRAVEL > 148"					
	169.50				TRAVEL > 124"					
ANCHOR AT ONE OF THESE LOCATIONS.	145.50				TRAVEL > 100"					
OTHERS OPTIONAL [†]	121.50				ALL LIFTS					
	BELOW SILL	100	8	G	16D HL PKG WITH U-BRACE ONLY					
	97.50	227	2	O	ALL LIFTS					
OPTIONAL†	73.50									
OI HONAL!	49.50									
l L	25.50									
ANCHOR AT ONE OF \int	6.00	227	2	С	NO HL PKG					
THESE LOCATIONS	LOWER F.F.	327	2	D	HL PKG ONLY					
ENCLOSURE ANCHORS (16D MODEL ONLY)										
REQUIRED IF PRESENT	UPPER F.F.	100	2	Е	16D ONLY					
DECLUDED IS DESCRIPT	1014/50 5 5	100	_	-	1.75 0.11.77					

^{*} 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.

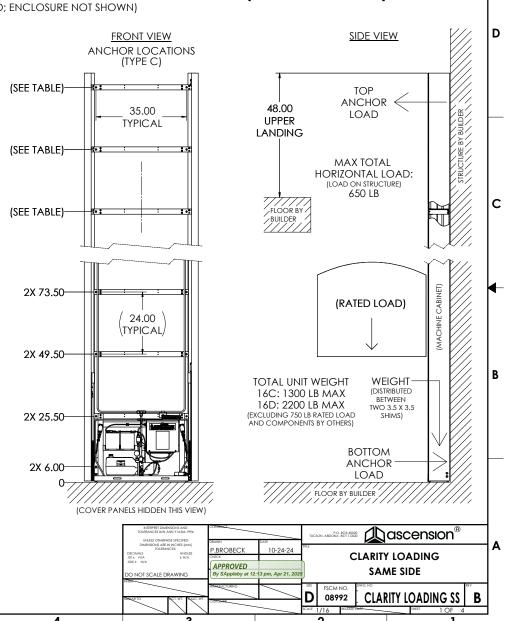
ADDITIONAL NOTES:

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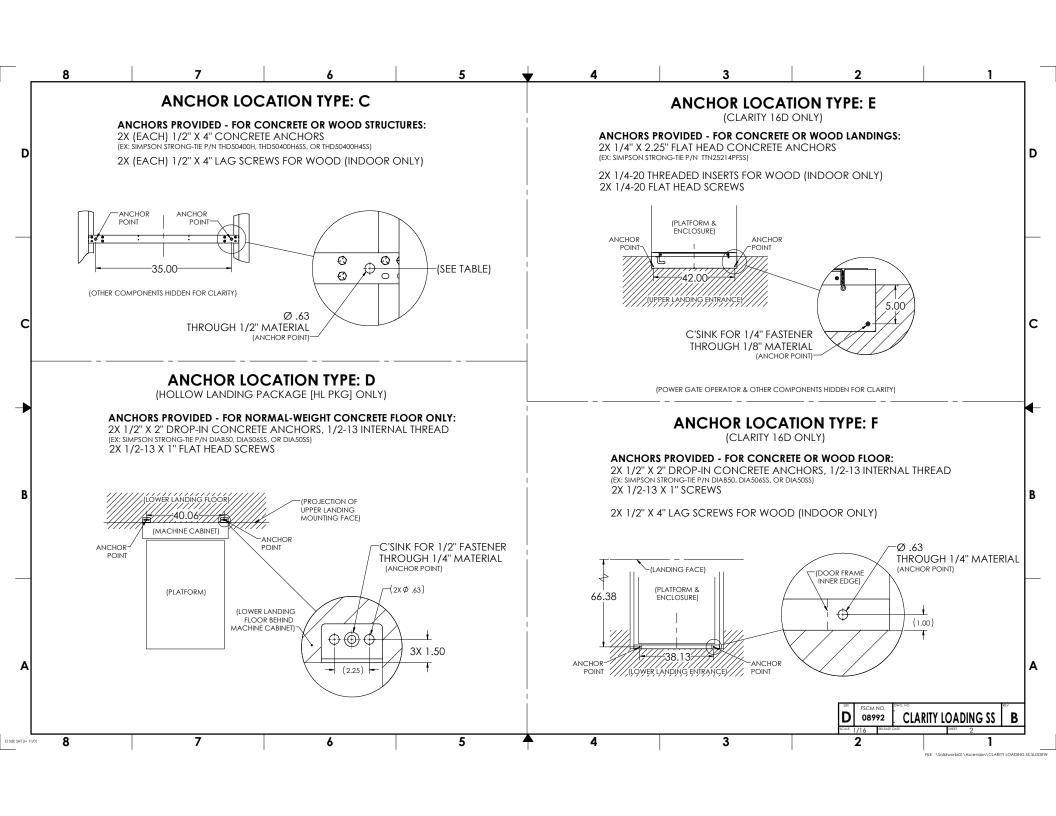
 ANCHORS PROVIDED BY ASCENSION FOR COMMON MOUNTING APPLICATIONS. (SEE NEXT SHEET FOR DETAILS).

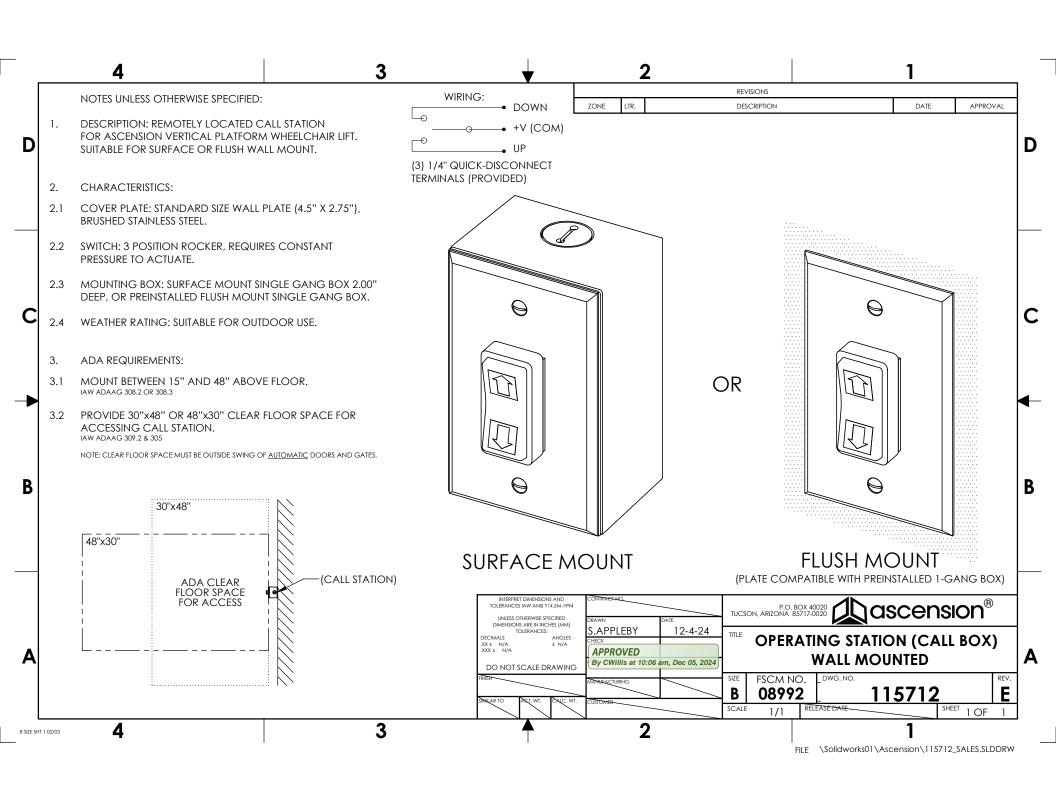
STAINLESS-STEEL CONCRETE ANCHORS PROVIDED FOR OUTDOOR APPLICATIONS.

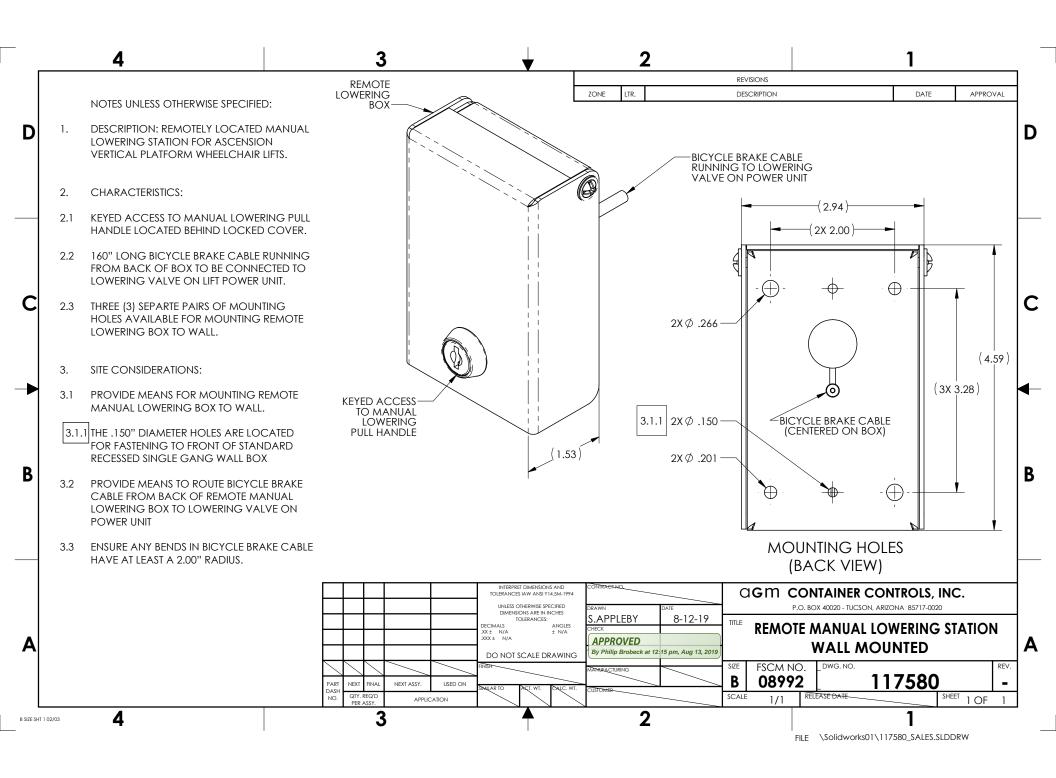


^{**} LOADS LISTED ASSUME STATIC LOADING AND DO NOT INCLUDE WIND, SEISMIC, OR SAFETY FACTOR.

[†] USE OF OPTIONAL ANCHORS RECOMMENDED FOR MAXIMUM RIGIDITY.







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1. DESCRIPTION:

SPECIFICATIONS FOR DOOR AND INTERLOCK (BY OTHERS) FOR USE 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)

• HONEYWELL CDI (CDILBP1W (LH), CDIRBP1W (RH), OR SIMILAR)

4. RECOMMENDED HOISTWAY DOOR MANUFACTURER & MODEL:

BELCO DOORS

P/N: COM-316 (CONTACT BELCO DOORS OR ASCENSION FOR SPEC DRAWING)

STANDARD FEATURES:

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

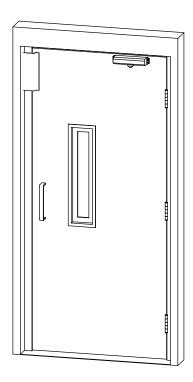
OPTIONS:

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

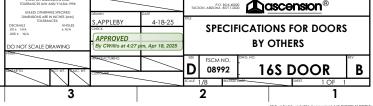
FIRE-RATED WOODEN DOOR OPTIONS AVAILABLE; CONTACT BELCO DOORS FOR MORE DETAILS.

SPECIFICATIONS FOR DOORS BY OTHERS

(FOR USE WITH ASCENSION LIFTS)



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



BELCO DOORS COM-316 ORDER FORM

