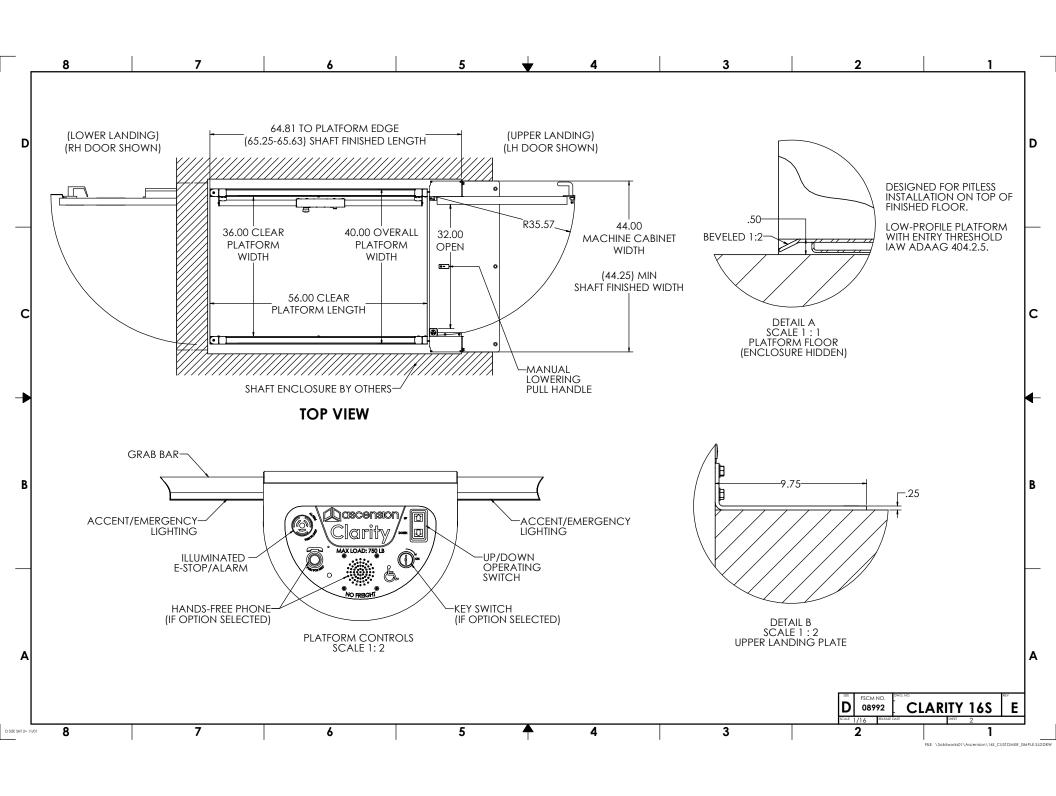
SEE OTHER CLARITY LIFT MODELS (16C, 16D, 16E, ETC.) FOR OTHER ENTRY/EXIT AND ENCLOSED/SHAFTWAY OPTIONS SEE OPTIONS BROCHURE AND/OR SHEET 3 FOR VARIOUS CONFIGURATION OPTIONS **OPERATING** 87.25 -INTEGRATED UPPER LANDING GATE/DOOR HOISTWAY DOOR (BY OTHERS) INSTALLED IN WALL LIFTING HEIGHT **MINIMUM 34.00 OPERATING MAXIMUM 168.00** STATION 42.00 MIN FRONT (LOWER LANDING) SIDE (INTERIOR VIEW) REAR (UPPER LANDING) **ASCENSION CLARITY 16S VERTICAL PLATFORM WHEELCHAIR LIFT △**ascension[®] FOR PERMANENT SHAFTWAY LIFT APPLICATIONS **CLARITY 16S** APPROVED SHAFTWAY, STRAIGHT-THROUGH

GENERIC DRAWING; CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS



	8	7	6	5		4		3		2		
CONFIGURATION		SPECIFICATIO	SPECIFICATIONS			PROVISIONS BY OTHERS						
Ţ	OTAL TRAVEL	34" TO 168"	DESCRIPTION	SHAFTWAY VERT	TICAL		GENERAL					
	NTRY/EXIT CONFIG.	STRAIGHT THROUGH		PLATFORM WHE			HOISTWAY:	HOISTWAY MUST BE SO	SUARE AND PIL	IMB WITHIN	1/4" TO FN	NSURF
Ε	NCLOSURE PROVIDED	NONE (BY OTHERS)	CODE	ASME A18.1, AS				OPERATION. SHAFT [-	
_	OWED LANDING		COMPLIANCE	NFPA 70 (NEC),				MUST MEET ASME A18.				
	OWER LANDING OOR TYPE	HOISTWAY DOOR	1001150 1/500101	ADASAD (ADAA							IL AND LC	JCAL
L	JOOR TIPE	(BY OTHERS)	APPLIED VERSION		20			ISTWAY IS TO BE PRO				
Ц	IANDING	RH/LH	MODEL	CLARITY 16S			DOORS: INST	TALLATION OF DOORS	S TO MEET ALL A	APPLICABLE (CODES. HO	OISTWAY
	OOR OPERATOR	YES/NO	RATED LOAD	750 LB			DOORS TO E	BE PROVIDED BY OTHE	ERS (SEE ATTACH	HED FOR REC	COMMEND	DATION).
	CALL STATION TYPE	WALL MOUNT	RATED SPEED DUTY CYCLE	20 FT/MIN	ID.		REAR CABIN	ET CLOSURE: VERTICA	L SURFACE BEH	IND MACHIN	NE CABINE	ET SHALL
_	CALL STATION KEYED	YES/NO	DOIT CTCLE	168 CYCLE-FT/H (12 CYCLES/HR			HAVE STREN	GTH AND STIFFNESS E	QUIVALENT TO 1	14GA (.08) S	HEET STEEL	L.
			PLATFORM SIZE	36" X 56"	MINIMUM			S: TOTAL TRAVEL HEIG		, ,		
UPPER LANDING		POWER SUPPLY	27VDC, 500W (1	18 54)					-		AL. VEKIFI	
_	OOR TYPE	46.5" GATE/ 80" DOOR	BATTERIES	12V, 35A-h AGA				IONS AND IMMEDIATE				
_	IANDING	RH/LH	CONTROL SYS.	24VDC			FLOOR: FLOO	OR BENEATH UNIT ANI	d door swing	S MUST BE FI	LAT AND L	LEVEL
	OOR OPERATOR	YES/NO	MOTOR	24VDC, 3 HP			WITHIN 1/8".	OUTDOORS, DRAINA	GE SHALL NOT	FLOW THRO	UGH OR IN	NTO UNIT.
_	CALL STATION TYPE	WALL/FRAME MOUNT	DRIVING MEANS		RAULIC		PIT/RAMP: D	O NOT PROVIDE PIT C	OR RAMP. LIFT D	DESIGNED W	ITH LOW-P	PROFILE
_	CALL STATION KEYED	YES/NO	DI III 1055 1010	1.05#.00#5	·		PLATFORM F	LOOR FOR DIRECT EN	ITRY IAW ADAA	G 404.2.5.		
P	LATFORM		PLUNGER (2X)	1.25" SOLID				CLEARANCE: MUST CO			E CODES	
K	EY SWITCH	YES/NO	CYL. I.D. (2X)	2.00"								
Н	IANDS-FREE PHONE	YES/NO	CYL. O.D. (2X)	2.38"				ION COORDINATION:	-			
	LATFORM LIGHTING	STANDARD	STROKE (2X)	(VARIES)			MASONRY, (CARPENTRY, DRYWAL	L, PATCHING, A	'ND FINISHIN	G WORK 1	NEEDED
S	LIP-RESISTANT FLOOR	STANDARD	WORKING PSI	400 PSI			PRIOR TO A	ND FOLLOWING LIFT II	nstallation.			
_	OUTDOORS	YES/NO	RELIEF PSI	600 PSI (1.5 X W	P)		STRUCTURAL	: SUPPORTING STRUC	TURE SHALL BE D	DESIGNED AT	ND CONS ⁷	TRUCTED
_	TI SWITCH	STANDARD	CHAIN TYPE	AV ANICI #50 DO	LLED CLIAIN			UPPORT APPLIED LOA				
	MANUAL LOWERING	STANDARD	CHAIN TYPE CHAIN STRENGTH	4X ANSI #50 RO	LLER CHAIN		DIAGRAM.	011 01117111 111111 1071	100 11171000110	7 (1 (OL 77))	OL7 (ICIT)	207101110
	UDIBLE ALARM	STANDARD	SAFETIES	2X TYPE A			DIAOKAW.					
_	ATTERY BACKUP	STANDARD	SAI LIILS	ZATIFLA			ELECTRICAL					
_	THERE BY COROL	017 (1787 (178	DOOR LOCKS	IDEC HS5L			GENERAL: A	LL WIRING SHALL COI	MPI Y WITH NEPA	A 70 (NEC)		
										, ,	(CEE DEL O)	١٨/١
			CONFIGURAT	ION: FINISHES			CONCEALED	VAC, 60HZ, 6A, 1PH C rear access: clear space 7.2 fred 10.88" right of lift cente	25" X 7.50" (W x H) BEHII	IND LIFT AVAILABLE	E FOR WIRE ENTI	TRY.
			· · · · · · · · · · · · · · · · · · ·	T				TWO 1/2-14 NPSM THREADED H				
			LIFT COLOR	☐ SILVER (STAN	idard)			OMINALLY 2.25" AND 3.50" ABC				
			(POWDER COAT)	_			MAIN DISCO	NNECT SWITCH: OTH	ERS SHALL PROV	/IDE LOCKAF	BLE FUSED)
			LIA DOVIA DE	CUSTOM:	ID A DD)		DISCONNEC	T SWITCH IAW NFPA	70. SWITCH TO I	INCLUDE AD	DITIONAL	. POLE OR
			HARDWARE	☐ SILVER (STAN	IDARD)		CONTACT F	OR DISCONNECTION	OF CONTROLLE	ER FROM 24V	✓ BACKUP	SUPPLY.
			COLOR	□ BLACK				4 LX MIN. AT PLATFOR				
				□ BRASS	DD0.175							
			14/15 ID 0 14/6	☐ OIL RUBBED I			ADDITIONAL	. AC CONNECTIONS:	ADDITIONAL AC	CONNECTI	ions requ	UIRED FOR
			WINDOWS	CLEAR PLEXIC	GLAS		VENTILATION	N SYSTEM (IF EQUIPPED	D), 120VAC 1.3A	4 60HZ 1PH.		
				(STANDARD)	CI V C 130047		DOOR OPFR	RATOR(S) (IF BY OTHER	RS), POWER REG	. PER MANU	JFACTURFF	R
				☐ TINTED PLEXIO					•			
				FROSTED PLE				NDARD PHONE CABL				אואבה דטא
			DIATEORY	□ POWDER CC			OPTIONAL (A	analog) hands-fre	E PHONE, WHE	KE PROVIDE[<i>ن</i> .	
			PLATFORM WINDOWS	☐ CLEAR LAMI								
			WINDOWS WINDOWS	GLASS (STAN					Г	SZE FSCM NO.	G. NO.	
			WINDOW ART	☐ NONE (STAN						D 08992	CLAR	ITY 16S
				In Costow FO	GU/IIVIAGE				SC	CALE 1/16 RELEASE DATE		SHEET 3

CLARITY LOADING - OPPOSING ENTRY & EXIT (16E, 16S)

(GENERIC APPLICATION DEPICTED; ENCLOSURE NOT SHOWN)

MACHINE CABINET ANCHORS								
ANCHORING REQUIREMENT	ANCHOR LOCATION* (±.38) [IN]	# OF ANCHORS	TYPE (NEXT SHEETS)	APPLICABILITY				
ANCHOR AT ONE OF	UPPER F.F.	3	Α	CONCRETE LANDING				
TOP LOCATIONS. $m \chi$	1" BELOW	6	В	WOOD LANDING				
(145.50			TRAVEL > 148.5"				
OPTIONAL	121.50			TRAVEL > 124.5"				
OPTIONAL (USE OF OPTIONAL ANCHORS	97.50		C	TRAVEL > 100.5"				
RECOMMENDED FOR	73.50	2	C	TRAVEL > 76.5"				
MAXIMUM RIGIDITY)	49.50			TRAVEL > 52.5"				
U	25.50			ALL LIFTS				
ANCHOR AT ONE OF \int	6.00	2	С	ALL LIFTS				
BOTTOM LOCATIONS $m{\lambda}$	LOWER F.F.	2	D	H.L. PKG ONLY				
ENCLOSURE ANCHORS (16E MODEL ONLY)								
REQUIRED IF PRESENT	LOWER F.F.	2	F	16E 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.

	MAX TOTAL						
			HORIZONTAL LOAD [LBF]**				
		Α	В	С	D	F	(FORCE ON STRUCTURE)
	34.0 - 52.5	610	SPECIAL†	949	777	200	2000
١.	52.5 - 76.5	367	188	563	498	200	1250
TRAVEL	76.5 – 100.5	242	123	369	339	200	850
	100.5 – 124.5	181	91	274	258	200	675
	124.5 – 148.5	144	73	218	208	200	550
	148.5 – 168.0	120	60	181	174	200	475

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

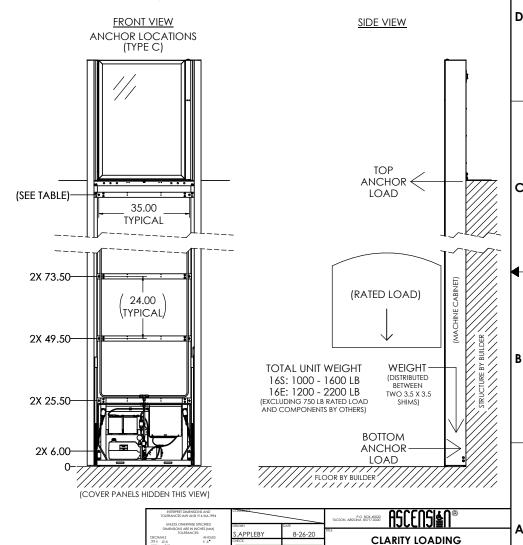
ADDITIONAL NOTES:

8

8

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

STAINLESS-STEEL CONCRETE ANCHORS PROVIDED FOR OUTDOOR APPLICATIONS.



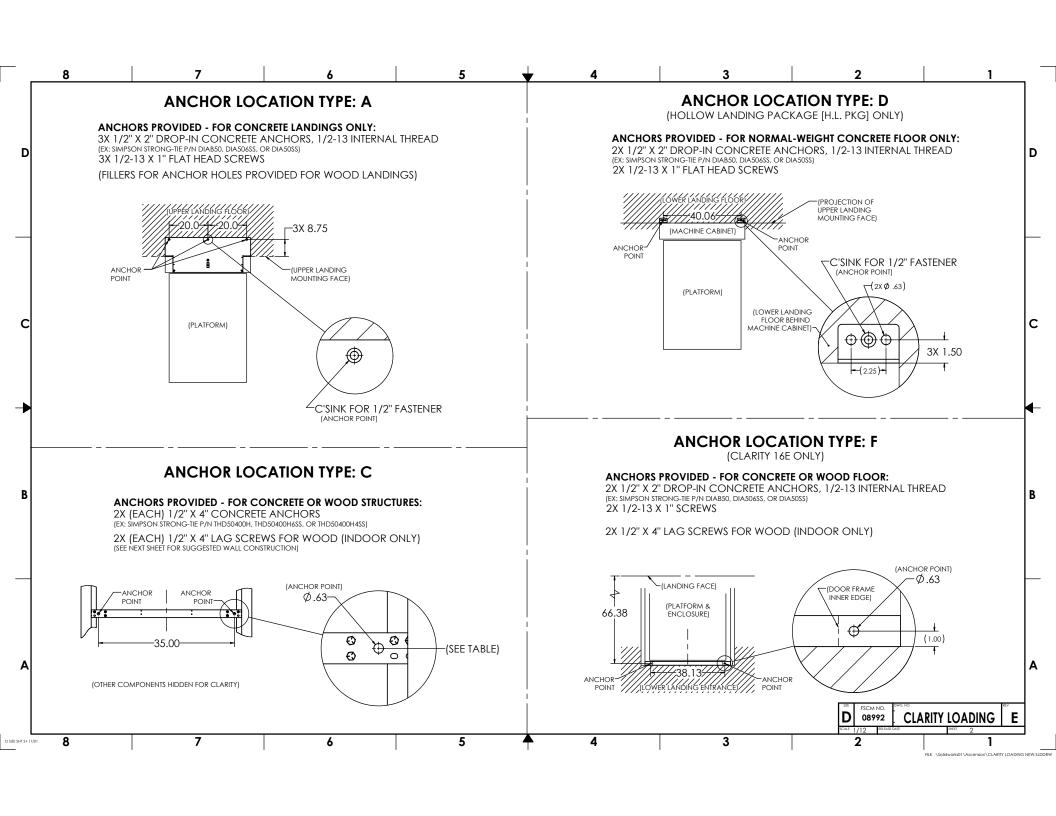
APPROVED

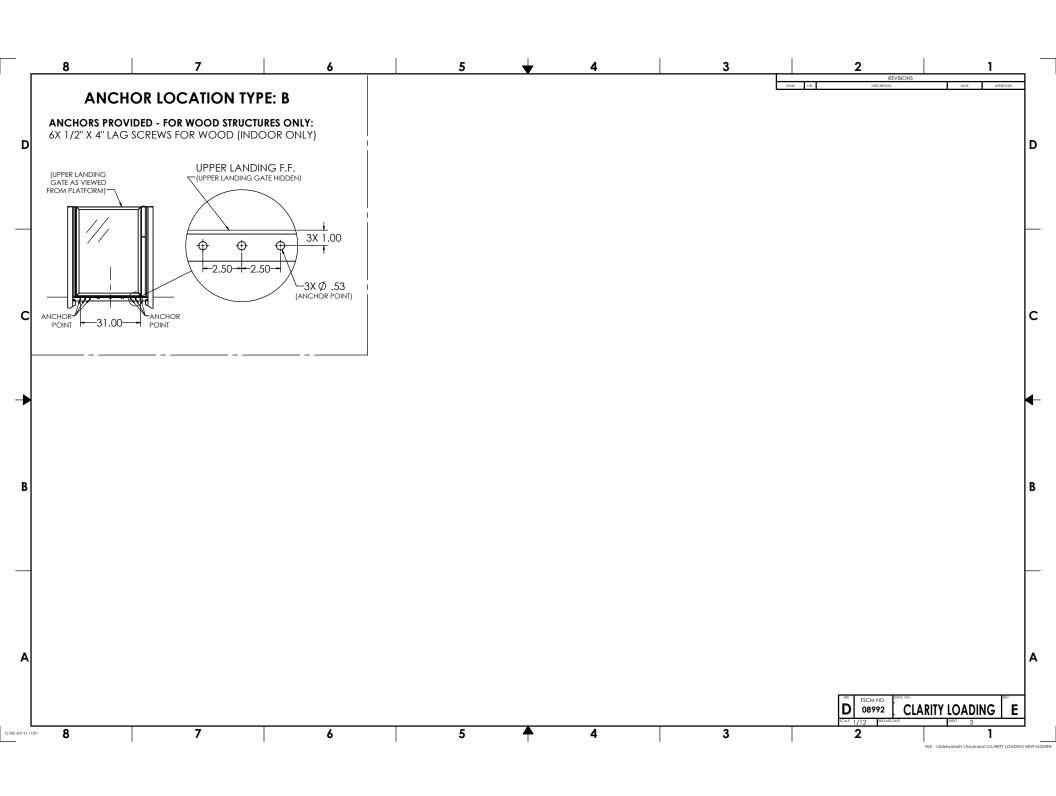
STRAIGHT THROUGH

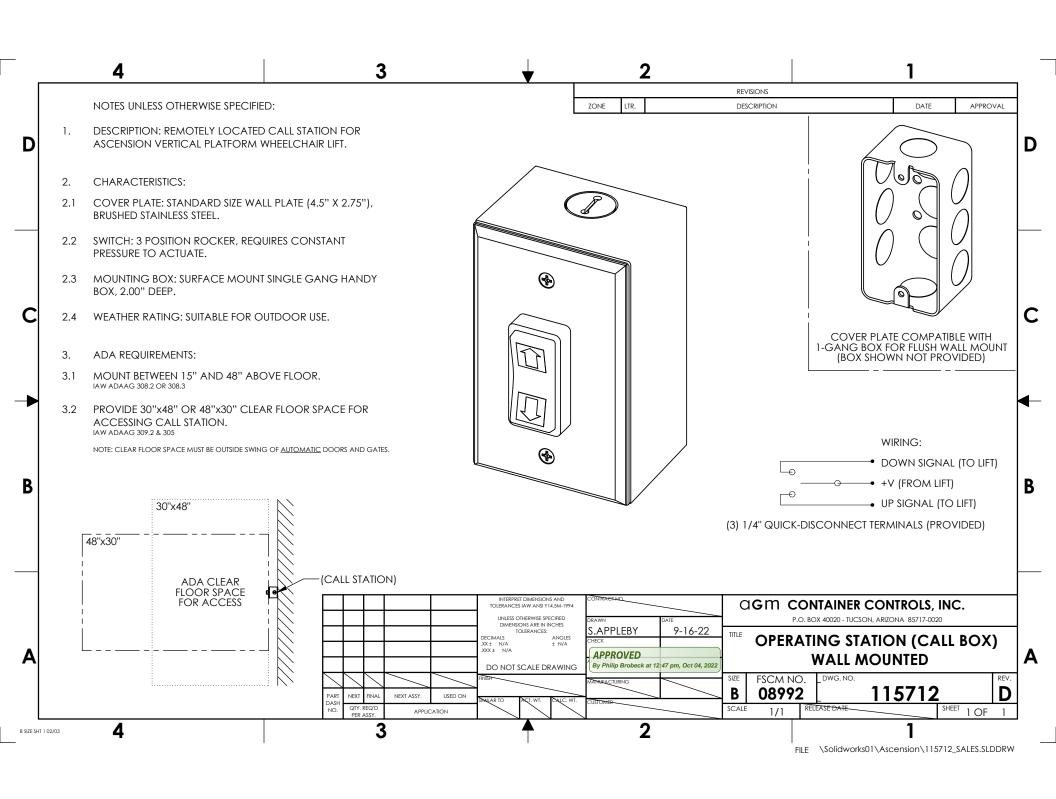
CLARITY LOADING

08992

[†] WHEN USED, REQUIRES 6X TYPE B ANCHORS WITH 289 LBF MAX LOAD, 2X TYPE C ANCHORS AT 49.50 LOCATION WITH 185 LBF MAX LOAD, AND ANCHORING AT ONE OF THE BOTTOM LOCATIONS.



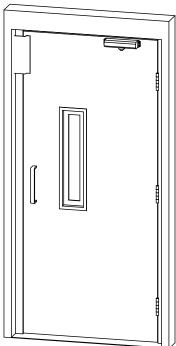




1. DESCRIPTION: SPECIFICATIONS FOR DOOR AND INTERLOCK (BY OTHERS) FOR USE WITH ASCENSION WHEELCHAIR LIFTS (16S, 16C, & CERTAIN 5442F SERIES LIFTS). 2. CODE REQUIREMENTS: DOOR AND INTERLOCK TO COMPLY WITH ALL APPLICABLE CODES AND REQUIREMENTS, INCLUDING ASME A18.1. GENERAL REQUIREMENTS FOR REFERENCE ONLY: • 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: 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) RECOMMENDED INTERLOCK MODELS: • IDEC HS5L (HS5L-XD44M-G OR SIMILAR) o 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: DOOR APPEARANCE FOR REFERENCE ONLY • "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)



("LH" HANDING SHOWN)

					INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994 UNLESS OTHERWISE SPECIFIED	DRAWN	DATE	P.O. BOX 400 TUCSON, ARIZONA: 85717-00		scension®		,
					DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGLES JXX ± N/A ± N/A	S.APPLEBY	11-8-22	SPECIE	ICATIONS	FOR DOORS		
					DO NOT SCALE DRAWING	APPROVED By Philip Brobeck at 1	2:00 pm, Nov 21, 2022	0.20	BY OTH			ĺ
					FRIDE	MONEACTURING		SZE FSCM NO.	DWG. NO.		REV	ĺ
PART DASH NO.	QTY. I	REQID	NEXT ASSY.	USED ON CATION	SHARTO SCI.WI. SALC.WI.	CUSTOMER		08992		DOOR I OF 1	Α	
			4		3	,		2		1		•

BELCO DOORS COM-316 ORDER FORM

