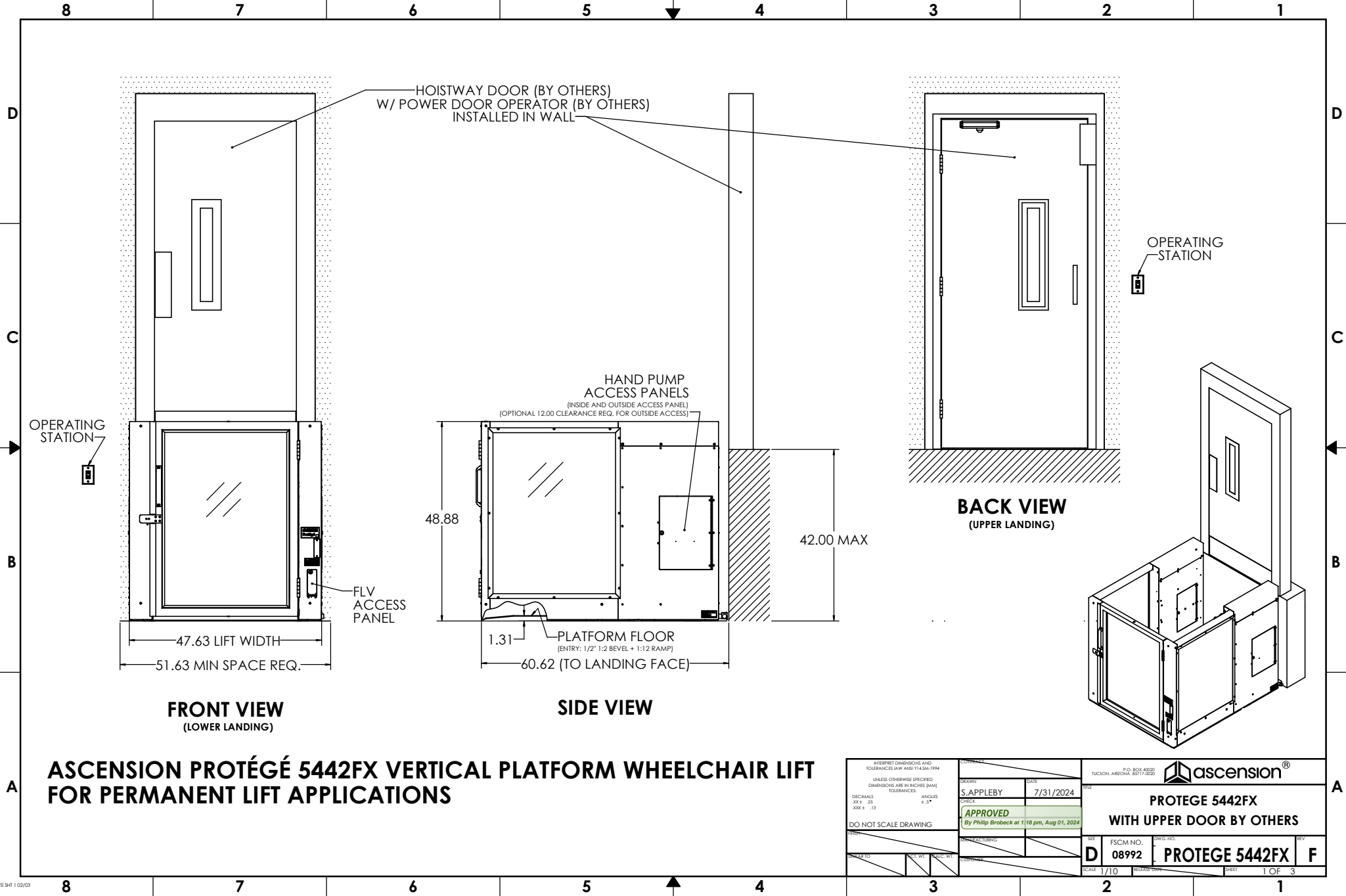
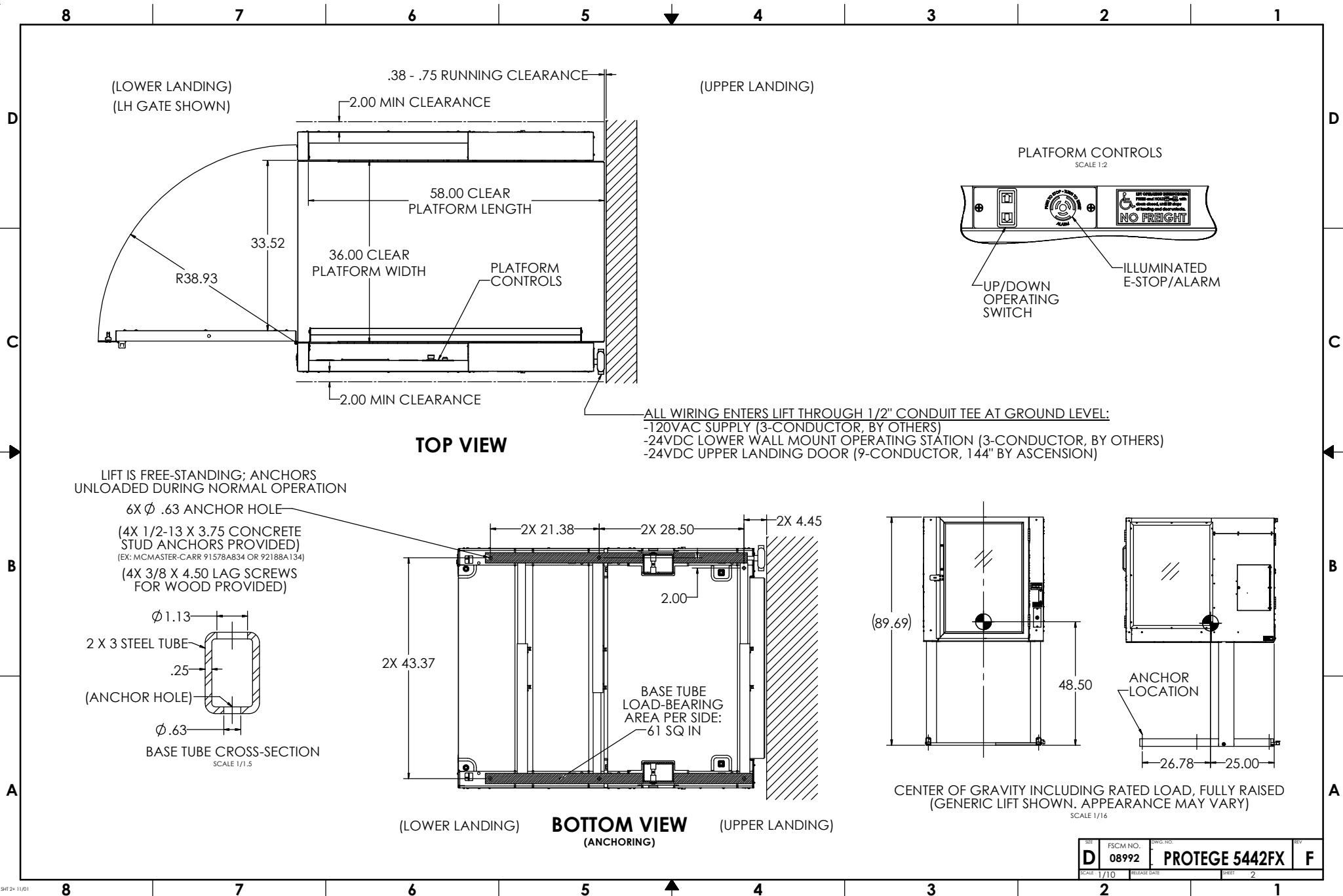


GENERIC DRAWING; CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS
SEE OTHER PROTEGE LIFT MODELS (5442FG, 5442F, ETC.) FOR OTHER GATE/DOOR OPTIONS (PLATFORM/LANDING MOUNT)
SEE OPTIONS BROCHURE AND/OR SHEET 3 FOR VARIOUS CONFIGURATION OPTIONS



**ASCENSION PROTÉGÉ 5442FX VERTICAL PLATFORM WHEELCHAIR LIFT
FOR PERMANENT LIFT APPLICATIONS**

INTERPRET DIMENSIONS AND TOLERANCES (AW AND Y 14.5M-1994) UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE BY RICHES (MM) TOLERANCES DECIMALS X.XX ± .25 X.XX ± .13		DRAWN S. APPLEBY		DATE 7/31/2024		TUCSON, ARIZONA 85717-0000		ascension®	
DO NOT SCALE DRAWING		CHECKED By Phillip Brobeck at 1:18 pm, Aug 01, 2024		APPROVED		PROTEGE 5442FX WITH UPPER DOOR BY OTHERS		FSCM NO. 08992	
SCALE 1/10		RELEASED		SHEET 1 OF 3		PROTEGE 5442FX		F	



REV	FSCM NO.	DWG. NO.	REV
D	08992	PROTEGE 5442FX	F
SCALE	1/10	RELEASE DATE	SHEET 2

CONFIGURATION

TOTAL TRAVEL	UP TO 42.00"
ENTRY/EXIT CONFIG.	STRAIGHT THROUGH

LOWER LANDING	
DOOR TYPE	PLATFORM GATE
HANDING	RH/LH
DOOR OPERATOR	YES/NO
CALL STATION TYPE*	WALL/FRAME MOUNT
CALL STATION KEYED	YES/NO

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

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

OUTDOORS	YES/NO
PIT SWITCH	STANDARD
AUDIBLE ALARM	STANDARD
UNDER-PLATFORM SAFETY PAN	STANDARD
CALIFORNIA SAFETY PAN MODIFICATION	YES/NO
ACCESS PANELS (4X)	STANDARD
HAND PUMP	STANDARD
FRONT LOWERING VALVE (FLV)	STANDARD
EXTERNAL BATTERY BACKUP UNIT (UPS)	YES/NO

*WALL MOUNT (NOT FRAME MOUNT) REQUIRED IF TRAVEL EXCEEDS 30"
OR LOWER DOOR OPERATOR OPTION SELECTED.

SPECIFICATIONS

DESCRIPTION	VERTICAL PLATFORM WHEELCHAIR LIFT
CODE COMPLIANCE	ASME A18.1, ASME A17.5, NFPA 70 (NEC), ANSI A117.1, ADASAD (ADAAG)
APPLIED VERSION	ASME A18.1-2020
MODEL	PROTEGE 5442FX
UNIT WEIGHT	850 LB
RATED LOAD	900 LB
RATED SPEED	5 FT/MIN
DUTY CYCLE	S2: 20 MIN SINGLE RUN S3: 13% INTERMITTENT RUN
PLATFORM SIZE	36" X 58"
POWER SUPPLY	24VDC, 1.75A (42W)
CONTROL SYS.	24VDC
MOTOR	115VAC, 1/2 HP

DRIVING MEANS	DIRECT-PLUNGER HYDRAULIC
PLUNGER (2X)	1.125" SOLID
CYL. I.D.	2.75" MASTER, 2.50" SLAVE
CYL. O.D.	3.13" MASTER, 2.88" SLAVE
STROKE (2X)	41.5"
SAFETIES TYPE	NONE (IAW ASME A18.1 §2.8.8)

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

DOOR LOCKS	LOWER: IDEC HS5L UPPER: (SEE DOORS BY OTHERS)
------------	--

CONFIGURATION: FINISHES

LIFT COLOR (POWDER COAT)	<input type="checkbox"/> BLACK (STANDARD) <input type="checkbox"/> SILVER <input type="checkbox"/> CUSTOM: _____
HARDWARE COLOR	<input type="checkbox"/> SILVER (STANDARD) <input type="checkbox"/> BLACK <input type="checkbox"/> BRASS <input type="checkbox"/> OIL RUBBED BRONZE
WINDOWS	<input type="checkbox"/> CLEAR PLEXIGLAS (STANDARD) <input type="checkbox"/> TINTED PLEXIGLAS (30%) <input type="checkbox"/> FROSTED PLEXIGLAS <input type="checkbox"/> POWDER COATED STEEL
WINDOW ART	<input type="checkbox"/> NONE (STANDARD) <input type="checkbox"/> CUSTOM LOGO/IMAGE

PROVISIONS BY OTHERS

GENERAL

HOISTWAY: FINISHED VERTICAL LANDING FACE (WITH FASCIA) MUST BE SQUARE AND PLUMB WITHIN 1/4" TO ENSURE PROPER LIFT OPERATION. WHERE ANY PERMANENT STRUCTURE IS WITHIN 12" OF EITHER SIDE OF THE LIFT, IT MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH ASME A18.1 AND ALL APPLICABLE STATE AND LOCAL CODES.

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

FLOOR: FLOOR BENEATH UNIT AND DOOR SWINGS MUST BE FLAT AND LEVEL WITHIN 1/8" AND CAPABLE OF SUPPORTING UNIT WEIGHT WITH RATED LOAD. OUTDOORS, DRAINAGE SHALL NOT FLOW THROUGH OR INTO UNIT.

PIT/RAMP: UNLESS OTHERWISE SPECIFIED, DO NOT PROVIDE PIT OR RAMP. LIFT DESIGNED WITH LOW-PROFILE PLATFORM FLOOR FOR DIRECT ENTRY.

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.

ELECTRICAL

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

POWER: 120VAC, 60HZ, 13A, 1PH CIRCUIT WITH DISCONNECT (SEE BELOW).

MAIN DISCONNECT SWITCH: OTHERS SHALL PROVIDE LOCKABLE FUSED DISCONNECT SWITCH IAW NFPA 70 (SECTION 620.51).

LIGHTING: 54 LX MIN AT PLATFORM AND LANDINGS.

EMERGENCY LIGHTING: 2.2 LX MIN AT PLATFORM AND CONTROLS (4 HOURS MIN) (WHERE NOT PROVIDED BY "AUXILIARY LIGHTING" OPTION).

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


INSTALLATION FEATURES

TRANSPORTABILITY: DISPOSABLE CASTERS INCLUDED TO WHEEL LIFT TO PERMANENT INSTALL LOCATION.

COMPRESSIBILITY: LIFT COMPRESSIBLE TO 33" TO FIT THROUGH DOORWAYS.

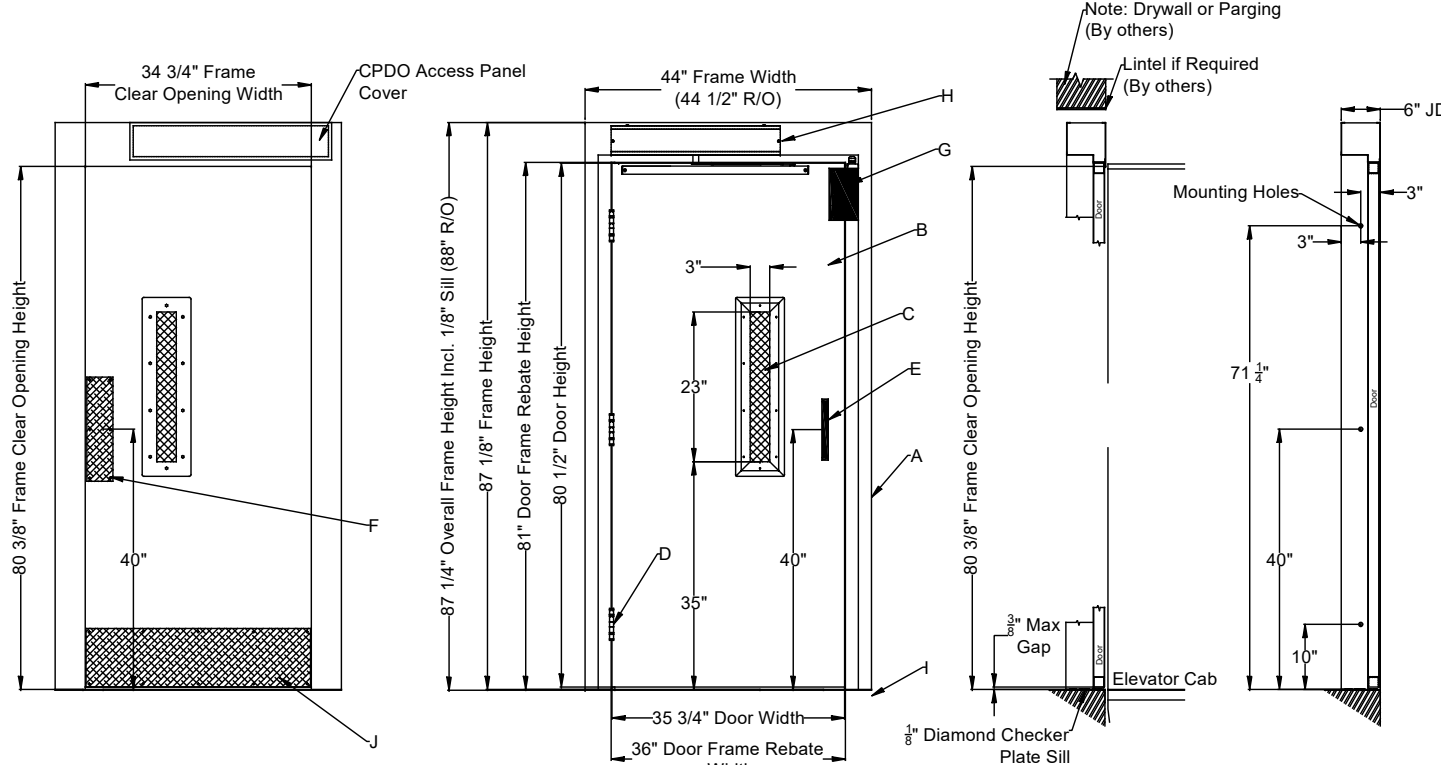
REV	FSCM NO.	DWG. NO.	REV
D	08992	PROTEGE 5442FX	F
SCALE	1/10	SHEET	3

A technical line drawing of a door. The door is shown from a slightly elevated perspective. It features a vertical rectangular window in the center, a handle on the left side, and a door closer mechanism at the top. The door is set within a frame, and the drawing includes details of the door's edge and the frame's profile.

REPRINT DIMENSIONS AND TOLERANCES ARE AS SHOWN HERE UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES:										TUCSON, ARIZONA 85717-0000			
DIMENSIONS ARE IN INCHES TOLERANCES:										S. APPLEBY		DATE: 11-8-22	
DO NOT SCALE DRAWING										APPROVED		By Philip Brobeck at 12:00 pm, Nov 21, 2022	
EAST SIDE HCL										D		FSCM NO. 08992	
NEXT										SCALE: 1/8"		16S DOOR	
NEXT ASSY										SHEET: 1 OF 1		A	

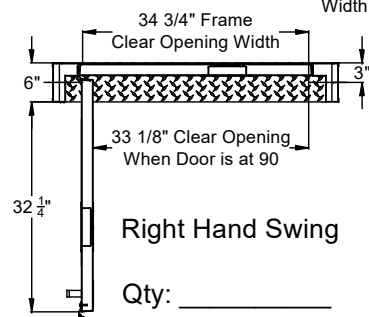
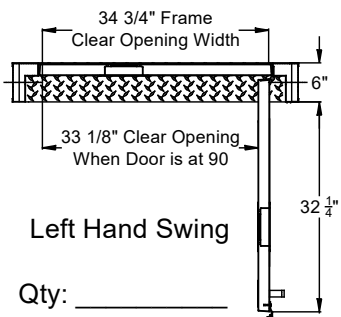
FILE \Solidworks01\Ascension\165 DOOR.SLDDRW

BELCO DOORS COM-316 ORDER FORM

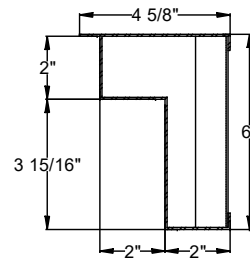


1-1/2 Hour Elevator Approved "B" Fire Label

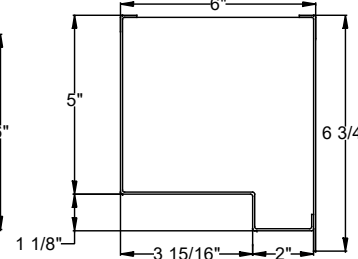
- A. 16ga. Frame (Galvanneal & Paint Ready)
- B. 18ga. Steel Door (Honeycomb Core, Galvanneal & Paint Ready)
- C. 3" x 23" Vision Panel (1/4" Wired Glass)
- D. (3) 4 1/2" NRP BB Hinges (US26D Finish)
- E. D-Handle (Brushed Aluminum)
- F. Push Plate (Brushed Aluminum)
- G. EMI Interlock (Atlas Atlock)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



Side Jamb Profile



Head Jamb Profile

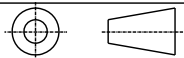


Standard Entrances are provided with a Manual Door Closer, if Power Door Operation is Required - Please Check Box Below

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

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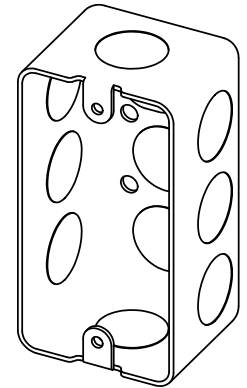
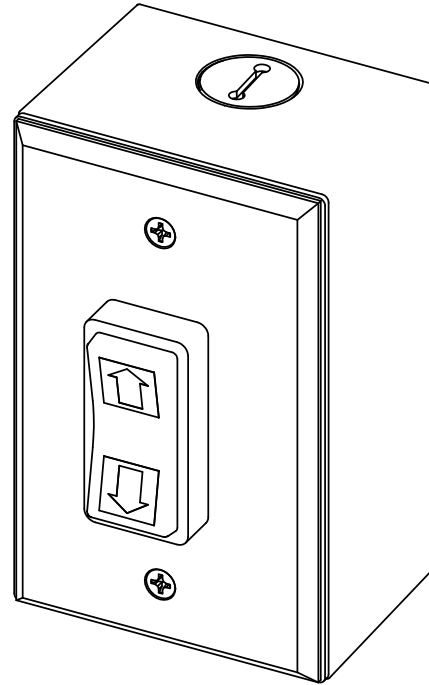
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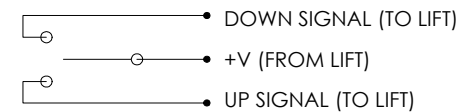
NOTES UNLESS OTHERWISE SPECIFIED:

1. DESCRIPTION: REMOTELY LOCATED CALL STATION FOR ASCENSION VERTICAL PLATFORM WHEELCHAIR LIFT.
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 HANDY BOX, 2.00" DEEP.
 - 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

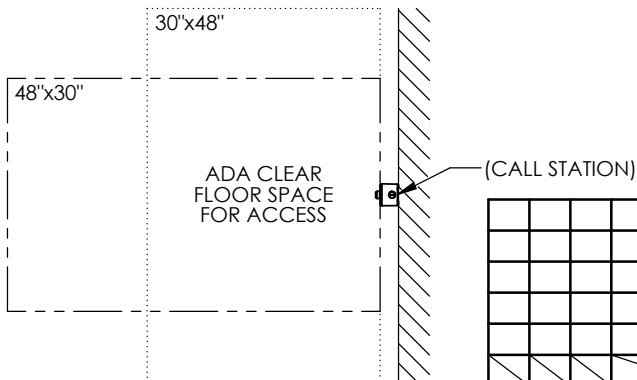
NOTE: CLEAR FLOOR SPACE MUST BE OUTSIDE SWING OF AUTOMATIC DOORS AND GATES.

COVER PLATE COMPATIBLE WITH
1-GANG BOX FOR FLUSH WALL MOUNT
(BOX SHOWN NOT PROVIDED)

WIRING:



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



				INTERPRET DIMENSIONS AND TOLERANCES IAW ANSI Y14.5M-1994				CONTRACT NO.				aGM CONTAINER CONTROLS, INC.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				DRAWN S.APPLEBY				DATE 9-16-22			
				TOLERANCES:				CHECK				TITLE OPERATING STATION (CALL BOX) WALL MOUNTED			
				DECIMALS .XX ± N/A .XXX ± N/A				APPROVED By Philip Brobeck at 12:47 pm, Oct 04, 2022				P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020			
				ANGLES ± N/A				MANUFACTURING				REV. D			
				DO NOT SCALE DRAWING				CUSTOMER				SCALE 1/1			
				FINISH								DWG. NO. 115712			
				PART DASH NO.				QTY. REQ'D PER ASSY.				FSCM NO. 08992			
				NEXT FINAL				NEXT ASSY.				RELEASE DATE			
				USED ON				APPLICATION				SHEET 1 OF 1			
				SIMILAR TO				ACT. WT.							
				CALC. WT.											

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NOTES UNLESS OTHERWISE SPECIFIED:

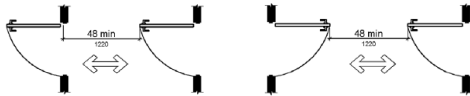
1. THIS DOCUMENT IS INTENDED TO ASSIST IN SITE PLANNING TO ENSURE REQUIRED CLEARANCES FOR LIFT AND REQUIRED ADA ENTRY CLEARANCES ARE PROVIDED.

2. ALL CLEARANCES SHOWN ARE THE **MINIMUM** CLEARANCES REQUIRED. OVERALL DIMENSIONS PROVIDED FOR MOST COMMONLY USED CONFIGURATION.

NOTE: FOR NON-DIMENSIONED CLEARANCES, THE DIFFERENCE IS PROVIDED IN PARENTHESIS. EX: (+6), (-18), ETC.

3. ONLY ONE OF THE THREE ADA-REQUIRED ENTRY CLEARANCES SHOWN AT EACH LANDING MUST BE PROVIDED. MIRROR ENTRY CLEARANCE FOR OPPOSITE DOOR SWING. ENTRY CLEARANCE ALLOWED TO BE OFFSET UP TO 8" MAXIMUM FROM THE FACE OF THE DOOR (FOR WHEN DOOR IS RECESSED).

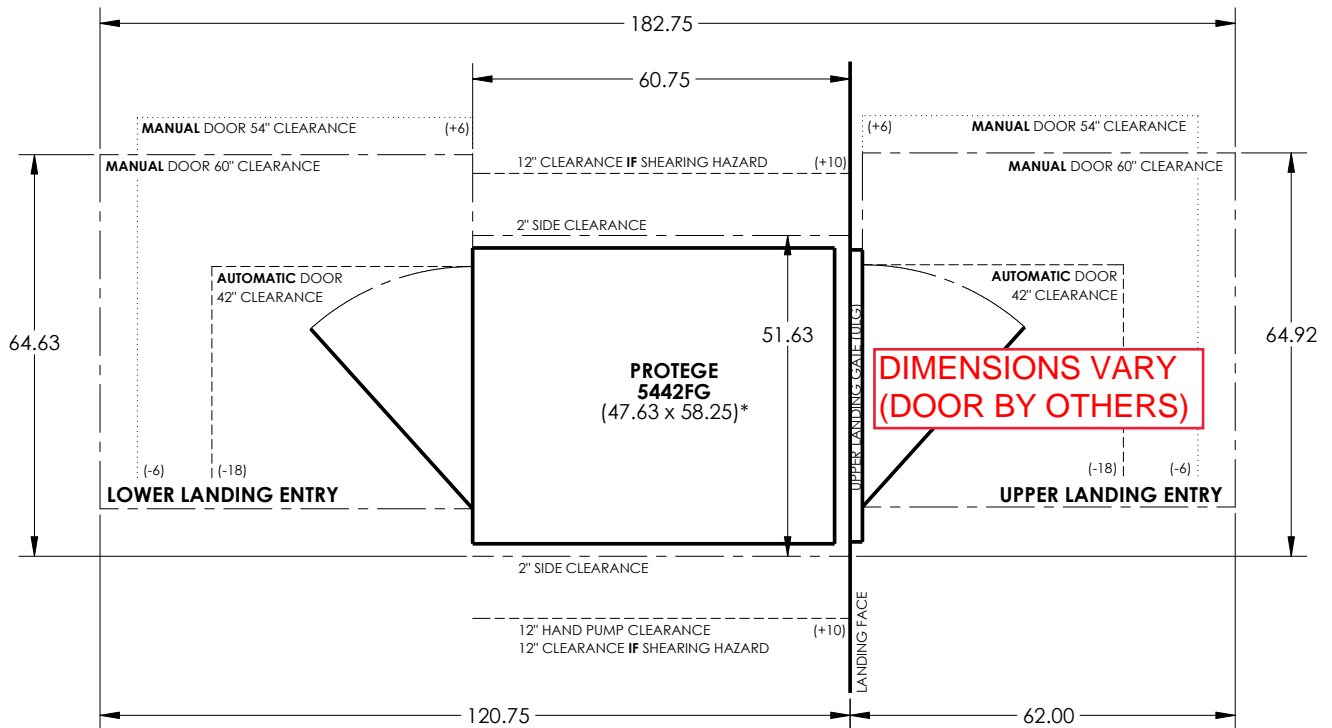
NOTE: ADDITIONAL CLEARANCE REQUIRED FOR DOORS IN SERIES; CLEARANCE OF 48" REQUIRED BETWEEN OPEN DOORS (SO EACH DOOR MAY BE NAVIGATED INDIVIDUALLY).



4. HAND PUMP CLEARANCE OPTIONAL. (MANUAL LOWERING PROVIDED BY FLV).

5. THE ONLY OBJECTS ALLOWED WITHIN 12" OF THE PLATFORM ARE SMOOTH, UNPERFORATED VERTICAL SURFACES WHICH DO NOT POSE SHEARING/CRUSHING HAZARDS. THIS APPLIES THROUGHOUT ENTIRE REQUIRED VERTICAL CLEARANCE (SEE NEXT NOTE).

6. REQUIRES OVERHEAD CLEARANCE OF 80" ABOVE PLATFORM FLOOR AT UPPER LANDING.



*AUTOMATIC DOOR OPERATORS INCREASE OVERALL LIFT/ULG WIDTH (AND REQUIRED WIDTH CLEARANCE) BY 0.69"

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					CONTRACT NO.		aGM CONTAINER CONTROLS, INC.	
					DATE		P.O. BOX 40020 - TUCSON, ARIZONA 85717-0020	
PART DASH NO.					DRAWN S.APPLEBY		TITLE	
					CHECK		REQUIRED CLEARANCES FOR PROTEGE 5442FG	
QTY. REQ'D PER ASSY.					APPROVED By Philip Brobeck at 3:24 pm, Feb 29, 2024		SIZE B	
					MANUFACTURING		FSCM NO. 08992	
APPLICATION					CUSTOMER		DWG. NO. PROTEGE 5442FG CLEARANCES	
					RELEASE DATE		REV. A	
SHEET 1 OF 1					SCALE 1/20		SHEET 1 OF 1	
					FILE \Solidworks01\Ascension\PROTEGE 5442FG CLEARANCES.SLDDRW			

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