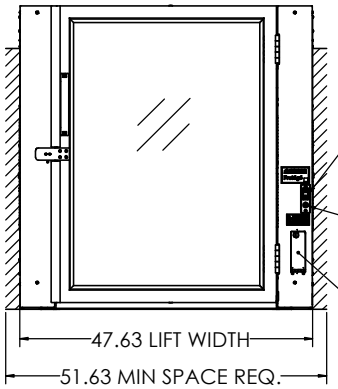
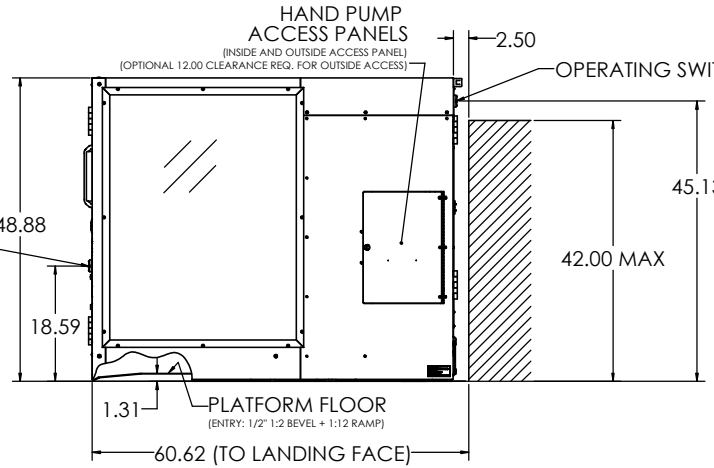
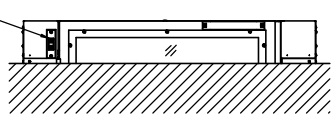


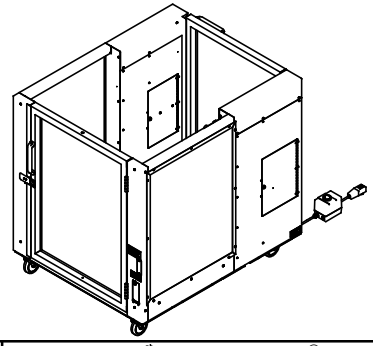
FRONT VIEW
(LOWER LANDING)



SIDE VIEW



BACK VIEW
(UPPER LANDING)



ASCENSION PROTÉGÉ 5442P VERTICAL PLATFORM WHEELCHAIR LIFT FOR RELOCATABLE LIFT APPLICATIONS

PROJECT NAME, CITY, STATE:	PROTEGE P/N: PROTEGE 5442P-1

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
BREAK SHARP TO
NEXT ASSY
MATL
NEXT MTL
MATL WT.

CONTRACT
DRAWN S.APPLEBY DATE 7/31/2024
CHECK
APPROVED
By Philip Brobeck at 9:16 am, Aug 01, 2024
ENG APPR.
MFG APPR.
CUSTOMER

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

TITLE
PROTEGE 5442P
RELOCATABLE PLATFORM LIFT

SIZE	FSCM NO.	DWG. NO.	REV
D	08992	PROTEGE 5442P	E

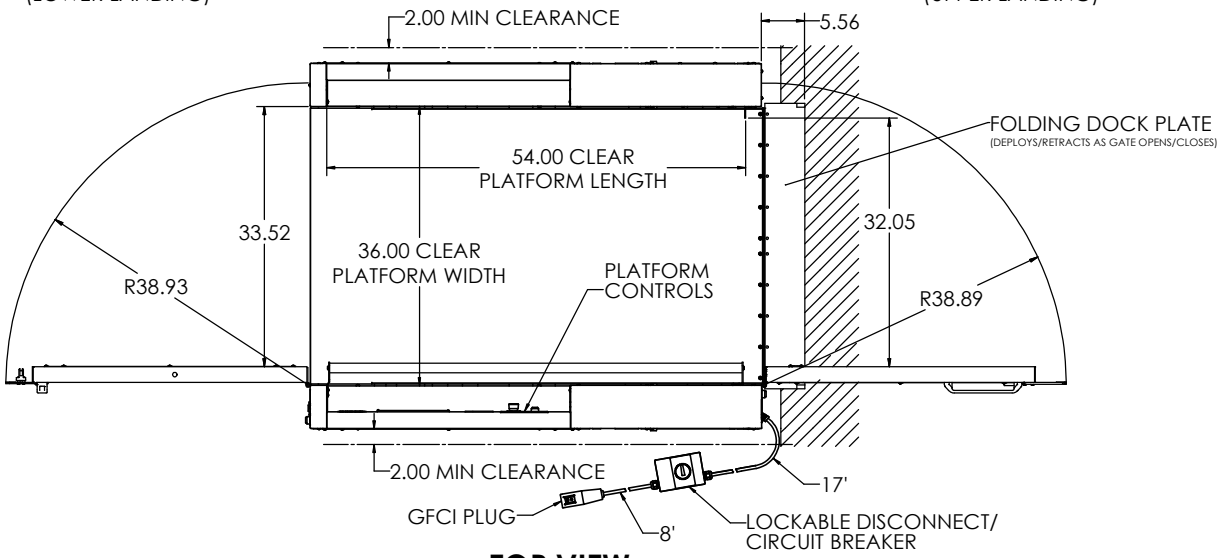
SCALE 1/10 RELEASE DATE SHEET 1 OF 3

D SIZE SHT 1 02/03

FILE \Solidworks01\Ascension\PROTEGE 5442P.SLDDRW

(LOWER LANDING)

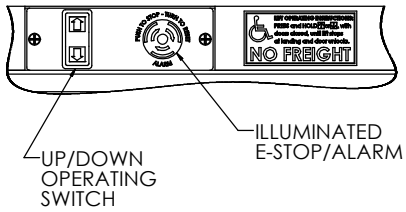
(UPPER LANDING)

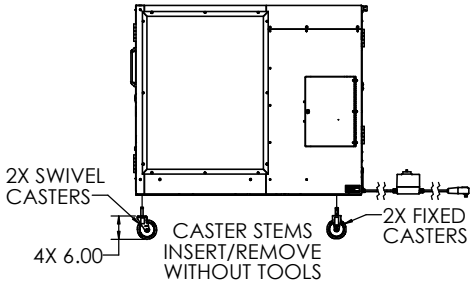


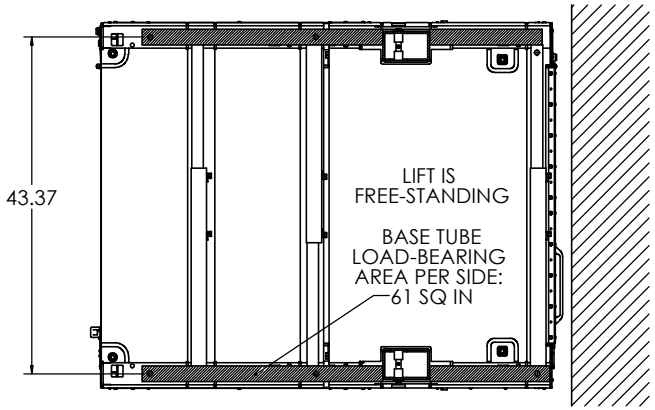
TOP VIEW

PLATFORM CONTROLS

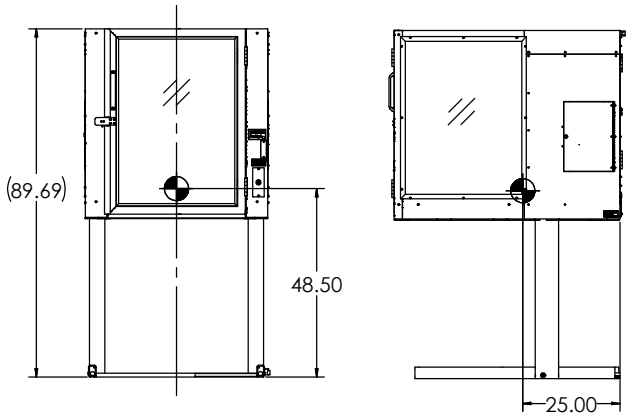
SCALE 1:2







(LOWER LANDING) **BOTTOM VIEW** (UPPER LANDING)



CENTER OF GRAVITY INCLUDING RATED LOAD, FULLY RAISED
(GENERIC LIFT SHOWN. APPEARANCE MAY VARY)

SCALE 1/16

SIZE	FSCM NO.	DWG. NO.	REV
D	08992	PROTEGE 5442P	E
SCALE 1/10	RELEASE DATE	SHEET 2	

D SIZE SHT 2+ 11/01

FILE \Solidworks01\Ascension\PROTEGE 5442P.SLDDRW

CONFIGURATION

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

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

UPPER LANDING	
DOOR TYPE	PLATFORM GATE
HANDING	RH
DOOR OPERATOR	N/A
CALL STATION TYPE*	FRAME MOUNT
CALL STATION KEYED	NO

PLATFORM	
KEY SWITCH	NO
GRAB BAR	STANDARD
SLIP-RESISTANT FLOOR	STANDARD

OUTDOOR PACKAGE	NO
AUDIBLE ALARM	STANDARD
UNDER-PLATFORM SAFETY PAN	STANDARD
TILT SWITCH	STANDARD
ACCESS PANELS (4X)	STANDARD
HAND PUMP	STANDARD
FRONT LOWERING VALVE (FLV)	STANDARD
ELECTRICAL POWER	120VAC 60HZ 13A
PLUG TYPE	NEMA 5-15 (TYPICAL USA PLUG)
EXTERNAL BATTERY BACKUP UNIT (UPS)	NO
STANCHION PKG*	NO
COMPRESSION/ EXPANSION TOOLKIT	NO
LIFT COVER	NO

* OPTIONAL STANCHION PACKAGE KEEPS OPERATING SWITCHES WITHIN ADA REACH RANGE WHEN TRAVEL EXCEEDS 29 INCHES.

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 A18.1-2023
MODEL	PROTEGE 5442P
UNIT WEIGHT	850 LB
RATED LOAD	900 LB
RATED SPEED	5 FT/MIN
DUTY CYCLE S2: S3:	20 MIN SINGLE RUN 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 LOCK	IDEC HS5L

CONFIGURATION: FINISHES

LIFT COLOR (POWDER COAT)	☒ BLACK (STANDARD) ☐ SILVER ☐ CUSTOM:_____
HARDWARE COLOR	☒ SILVER (STANDARD) ☐ BLACK ☐ BRASS ☐ OIL RUBBED BRONZE
WINDOWS	☒ CLEAR PLEXIGLAS (STANDARD) ☐ TINTED PLEXIGLAS (30%) ☐ FROSTED PLEXIGLAS ☐ POWDER COATED STEEL
WINDOW ART	☒ NONE (STANDARD) ☐ CUSTOM LOGO/IMAGE

PROVISIONS BY OTHERS

GENERAL

HOISTWAY: FINISHED VERTICAL LANDING FACE 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.

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.

ELECTRICAL

POWER: SINGLE PHASE AC. SEE CONFIGURATION TABLE FOR DETAILS.

LIGHTING: 54 LX MIN AT PLATFORM AND LANDINGS.

EMERGENCY LIGHTING: 2.2 LX MIN AT PLATFORM AND CONTROLS (4 HOURS MIN).

TRANSPORTABILITY FEATURES

REMOVABLE CASTERS: INCLUDED TO WHEEL LIFT BETWEEN STORAGE AND USE LOCATIONS. STORED IN LOCKED SIDE CABINET WHEN LIFT IS SET UP FOR USE.

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

SIZE	FSCM NO.	DWG. NO.	REV
D	08992	PROTEGE 5442P	E
SCALE 1/10	RELEASE DATE	SHEET 3	

D SIZE SHT 2+ 11/01

FILE \Solidworks01\Ascension\PROTEGE 5442P.SLDDRW

REVISIONS				
ZONE	LTR.	DESCRIPTION	DATE	APPROVAL

NOTES UNLESS OTHERWISE SPECIFIED:

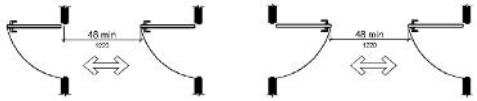
1. THIS DOCUMENT IS INTENDED TO ASSIST IN SITE PLANNING TO ENSURE REQUIRED CLEARANCES FOR LIFT AND REQUIRED ADA ENTRY CLEARANCES ARE PROVIDED.

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 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).

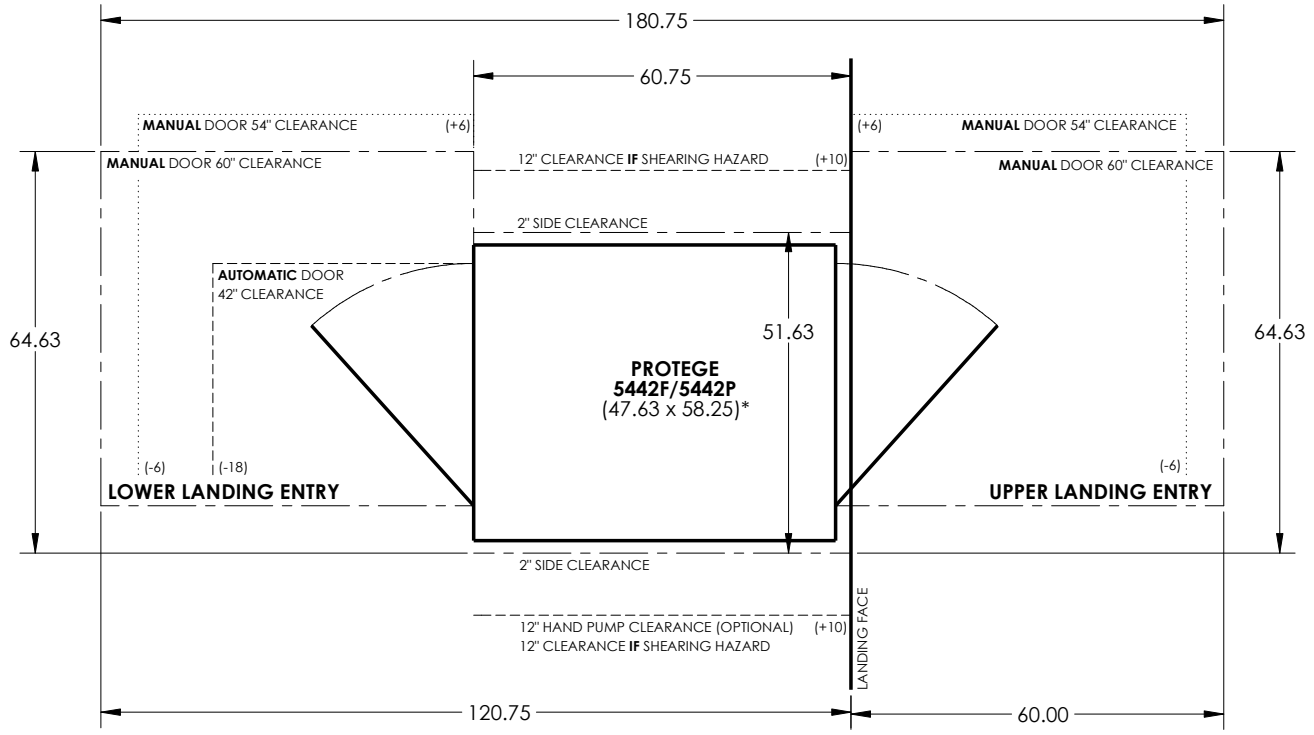
   NOTE: ADDITIONAL CLEARANCE REQUIRED FOR DOORS IN SERIES; CLEARANCE OF 48" REQUIRED BETWEEN OPEN DOORS (SO EACH DOOR MAY BE NAVIGATED INDIVIDUALLY).



4. 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).

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

(**GENERIC LIFT SHOWN**. MIRROR GATE SWINGS AND CORRESPONDING DIMENSIONS AS NECESSARY)



*AUTOMATIC DOOR OPERATOR INCREASES OVERALL LIFT WIDTH (AND REQUIRED WIDTH CLEARANCE) BY 0.69"

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

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

FINISH

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

CONTRACT NO.

DRAWN S.APPLEBY DATE 10-1-24

CHECK

APPROVED
By CWillis at 10:41 am, Oct 01, 2024

MANUFACTURING

CUSTOMER

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

TITLE **REQUIRED CLEARANCES FOR PROTEGE 5442F/5442P**

SIZE	FSCM NO.	DWG. NO.	REV.
B	08992	PROTEGE 5442F CLEARANCES	B

SCALE 1/20 RELEASE DATE SHEET 1 OF 1

B SIZE SHT 1 02/03

FILE \Solidworks01\Ascension\PROTEGE 5442F CLEARANCES.SLDDRW