



**P. O. Box 9 / 376 Ben King Road
 Freeport, FL 32439
 850-835-0231 850-835-5123 Fax**

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**Kellogg Park ADA Lift
 02-23-26**

<u>NO.</u>	<u>ITEM</u>	<u>QTY</u>	<u>UNIT</u>	<u>TOTAL PRICE</u>
1	Ascension Clarity Enclosed VPL	1	EA	
2	Installation- Labor and Materials	1	LS	
3	Electrical	1	LS	
4	Permitting & Inspection	1	LS	
				\$ 138,980.00

Notes:

Ascension Clarity Enclosed VPL: 2 stops, same side config., 750 Lb Capacity, 20'/min Hydraulic Drive, Hollow Landing Pkg, Const. Pressure Operating Switches
 Meets ADAAG & ASME A18.1 ** See attached Product Manual

Submitted by: Tim Tindle

***CALL IF YOU HAVE ANY QUESTIONS .

***SIGN AND RETURN IF ESTIMATE IS ACCEPTABLE.

Accepted By: _____

Ascension Clarity 16E - Customer Packet



ASCENSION CLARITY

WHEELCHAIR LIFT

16C/D/E/S MODEL SERIES

PRODUCT MANUAL



16C
Same-Side,
Shaftway

16D
Same-Side,
Enclosed

16E
Straight-Through,
Enclosed

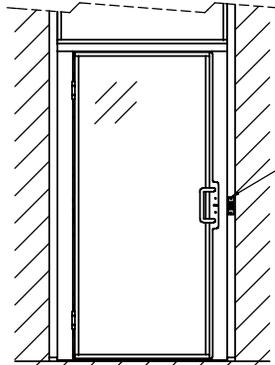
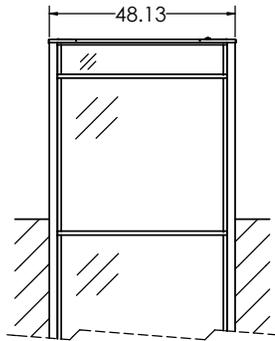
16S
Straight-Through,
Shaftway

For patent information, see ascension-lift.com/patents

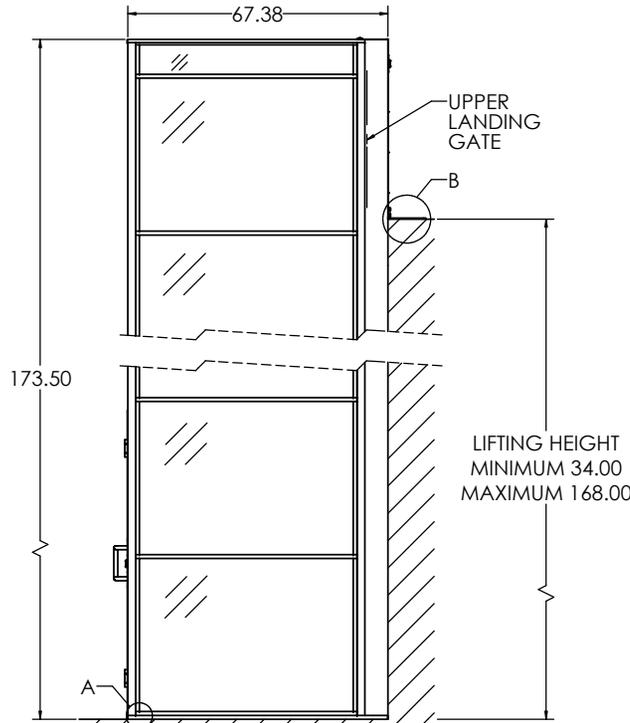


GENERIC DRAWING; CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS

SEE OTHER CLARITY LIFT MODELS (16C, 16D, 16S, ETC.) FOR OTHER ENTRY/EXIT AND ENCLOSED/SHAFTWAY OPTIONS
 SEE OPTIONS BROCHURE AND/OR SHEET 3 FOR VARIOUS CONFIGURATION OPTIONS

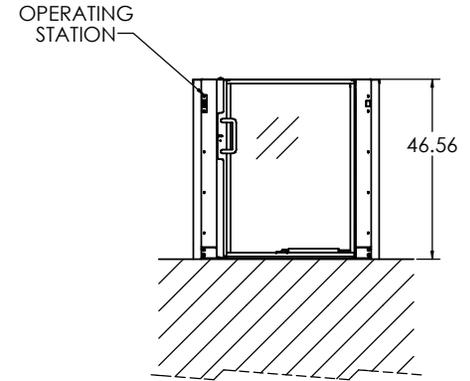


FRONT (LOWER LANDING)



SIDE (TYPICAL)

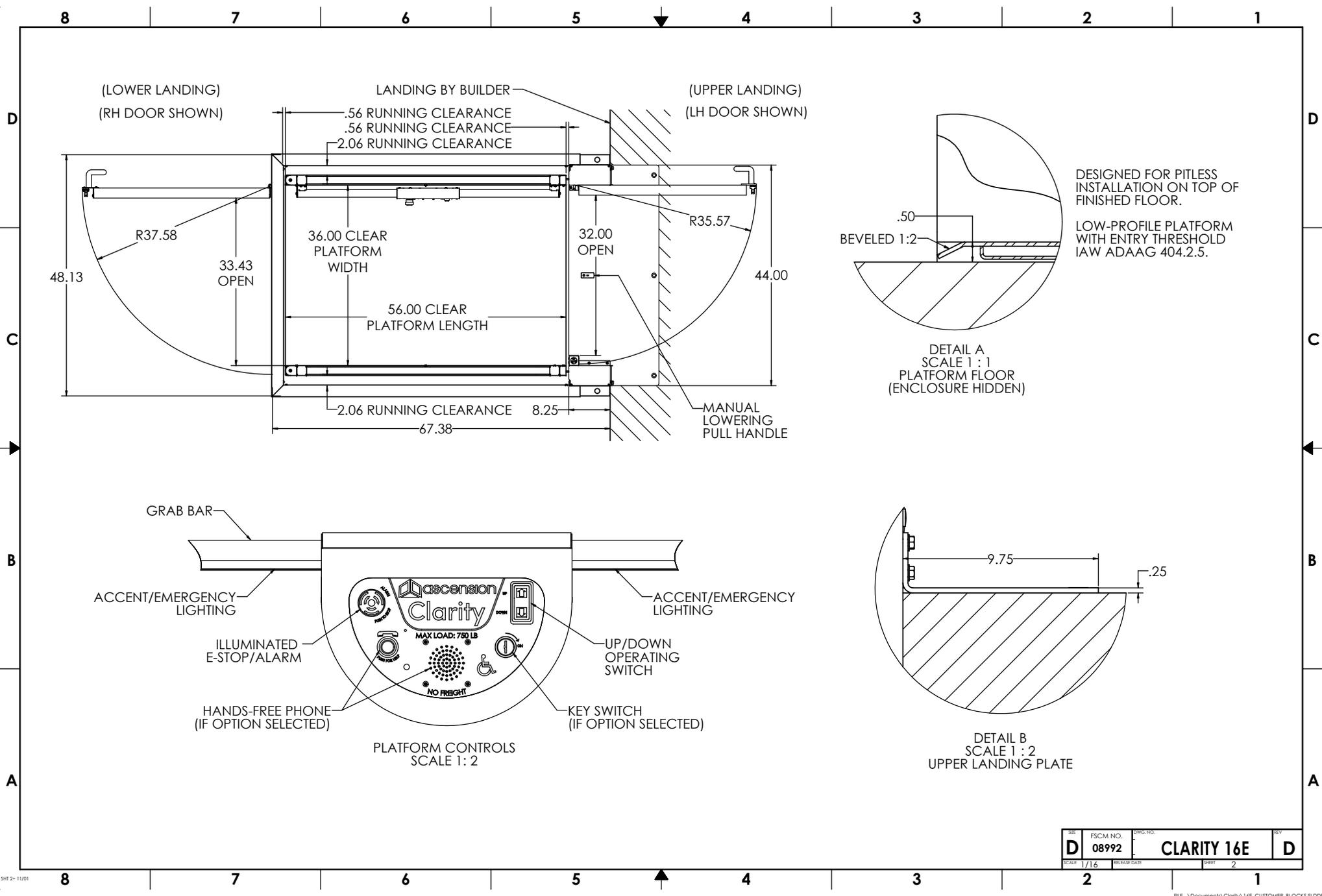
LIFTING HEIGHT
 MINIMUM 34.00
 MAXIMUM 168.00



REAR (UPPER LANDING)

ASCENSION CLARITY 16E VERTICAL PLATFORM WHEELCHAIR LIFT

<small>INTERPRET DIMENSIONS AND TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (MM) DECIMALS .001 <sup>+ .02</sup> .000 <sup>+ .13</sup> ANGLES ± .4° TOLERANCES</small> DO NOT SCALE DRAWING	DRAWN S. APPLEBY	DATE 11/9/2023	P.O. BOX 40020 TUCSON, ARIZONA 85717-0020
	CHECKED APPROVED 6:35 AM, Nov 10, 2023	TITLE CLARITY 16E ENCLOSED, STRAIGHT-THROUGH	
SCALE 1/16"	FSCM NO. 08992	DWG. NO. CLARITY 16E	SHEET 1 OF 3



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

CONFIGURATION

TOTAL TRAVEL	34" TO 168"
ENTRY/EXIT CONFIG.	STRAIGHT THROUGH
ENCLOSURE PROVIDED	FULL
DOVE/VENTILATION	YES/NO

LOWER LANDING	
DOOR TYPE	80" DOOR
HANDING	RH/LH
DOOR OPERATOR	YES/NO
CALL STATION TYPE	WALL/FRAME MOUNT
CALL STATION KEYED	YES/NO

UPPER LANDING	
DOOR TYPE	46.5" GATE/ 80" DOOR
HANDING	RH/LH
DOOR OPERATOR	YES/NO
CALL STATION TYPE	WALL/FRAME MOUNT
CALL STATION KEYED	YES/NO

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

COLOR	<input type="checkbox"/> SILVER <input type="checkbox"/> BLACK <input type="checkbox"/> CUSTOM: _____
WINDOWS	PLEXIGLAS, CLEAR
OUTDOORS	YES/NO
HOLLOW LANDING	YES/NO
PIT SWITCH	YES/NO
MANUAL LOWERING	STANDARD
AUDIBLE ALARM	STANDARD
BATTERY BACKUP	STANDARD

SPECIFICATIONS

DESCRIPTION	ENCLOSED 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	CLARITY 16E
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	IDEC HS5L
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PROVISIONS BY OTHERS

GENERAL

HOISTWAY: HOISTWAY MUST BE SQUARE AND PLUMB WITHIN 1/4" TO ENSURE PROPER LIFT OPERATION. WHERE PROVIDED BY OTHERS, ENCLOSURE MUST BE DESIGNED AND BUILT IN ACCORDANCE WITH ASME A18.1 AND ALL APPLICABLE STATE AND LOCAL CODES.

REAR CABINET CLOSURE: VERTICAL SURFACE BEHIND MACHINE CABINET SHALL HAVE STRENGTH AND STIFFNESS EQUIVALENT TO 14GA (.08) SHEET STEEL. (PROVIDED BY ASCENSION IF OPTIONAL HOLLOW LANDING PACKAGE SELECTED).

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 OPERATOR(S) (IF BY OTHERS), POWER REQ. PER MANUFACTURER

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

REV	FSCM NO.	DWG. NO.	REV
D	08992	CLARITY 16E	D
SCALE 1/16	RELEASED	SHEET 3	

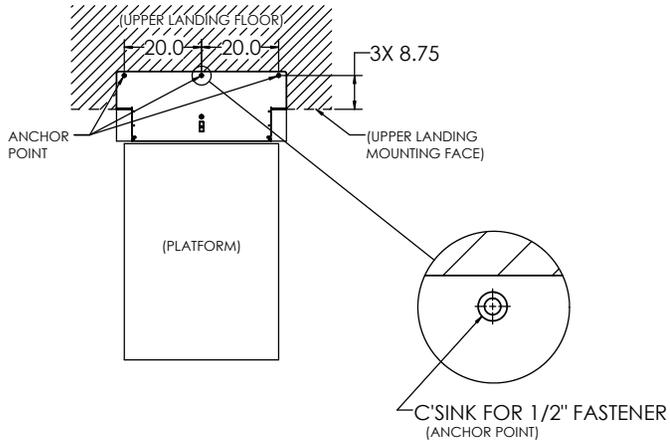
ANCHOR LOCATION TYPE: A

ANCHORS PROVIDED - FOR CONCRETE LANDINGS ONLY:

3X 1/2" X 2" DROP-IN CONCRETE ANCHORS, 1/2-13 INTERNAL THREAD
 (EX: SIMPSON STRONG-TIE P/N DIAB50, DIA506SS, OR DIA50SS)

3X 1/2-13 X 1" FLAT HEAD SCREWS

(FILLERS FOR ANCHOR HOLES PROVIDED FOR WOOD LANDINGS)



ANCHOR LOCATION TYPE: D

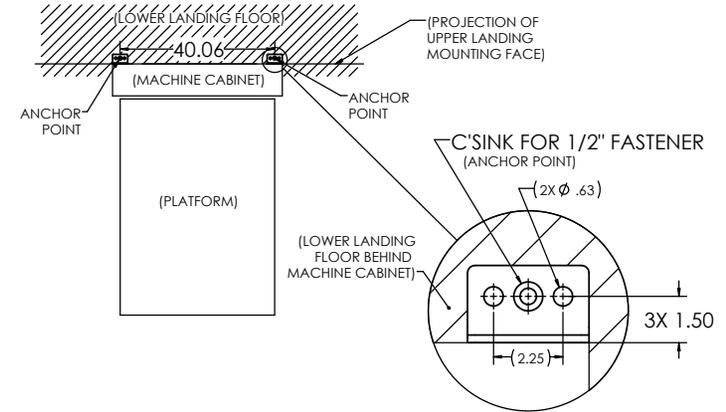
(HOLLOW LANDING PACKAGE [H.L. PKG] ONLY)

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: C

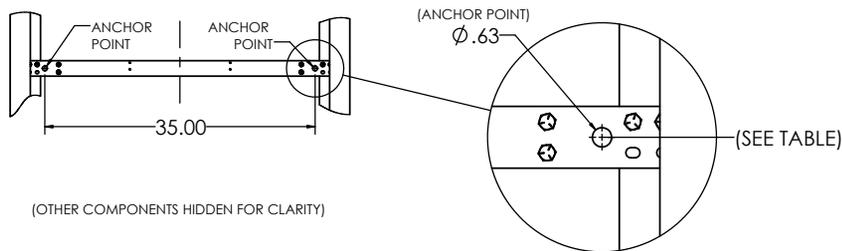
ANCHORS PROVIDED - FOR CONCRETE OR WOOD STRUCTURES:

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)

(SEE NEXT SHEET FOR SUGGESTED WALL CONSTRUCTION)



ANCHOR LOCATION TYPE: F

(CLARITY 16E ONLY)

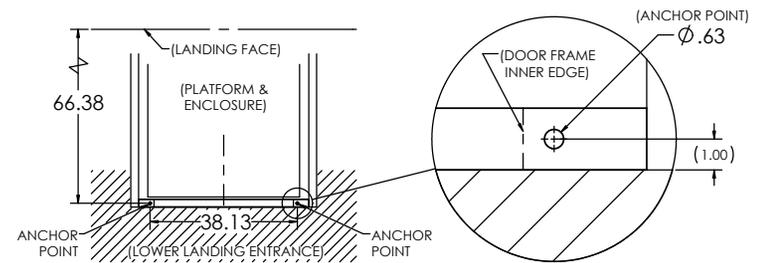
ANCHORS PROVIDED - FOR CONCRETE OR WOOD FLOOR:

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)



REV	FSCM NO.	DWG. NO.	REV
D	08992	CLARITY LOADING	E
SCALE	1/12	RELEASE DATE	SHEET 2

8

7

6

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2

1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

ANCHOR LOCATION TYPE: B

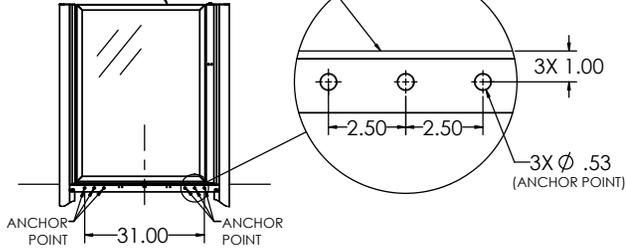
ANCHORS PROVIDED - FOR WOOD STRUCTURES ONLY:
6X 1/2" X 4" LAG SCREWS FOR WOOD (INDOOR ONLY)

D

D

(UPPER LANDING GATE AS VIEWED FROM PLATFORM)

UPPER LANDING F.F.
(UPPER LANDING GATE HIDDEN)



C

C

B

B

A

A

SIZE D	FSCM NO. 08992	DWG. NO. CLARITY LOADING	REV. E
SCALE 1/12	RELEASE DATE	SHEET 3	

8

7

6

5

4

3

2

1

Installed Clarity 16E (7 ft)

