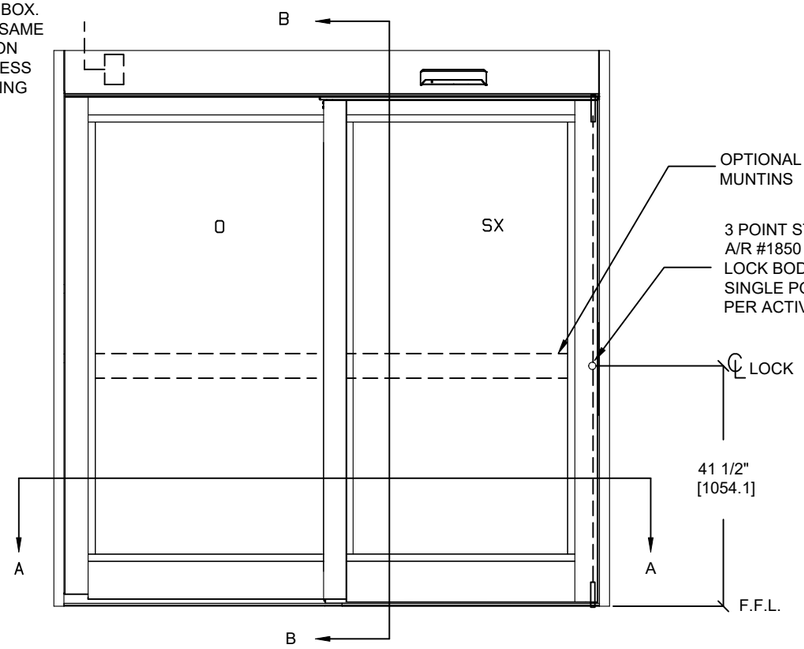
ASSA ABLOY ENTRANCE SYSTEMS
1900 AIRPORT ROAD
MONROE, NC 28110
PHONE: 1-866-237-2687
SPECDESK.NA.ENTRANCE@ASSAABLOY.COM

ASSA ABLOY SL500
Windload R92

Overhead Concealed, Medium Stile, Fixed Sidelite, Single Slide
+/- 55PSF

ELECTRICAL SUPPLY
110 VAC. 60HZ. 10A.
BY ELEC. CONTR. TO
JUNCTION BOX.
SUPPLY IN SAME
LOCATION
REGARDLESS
OF HANDING



OPTIONAL MUNTINS

3 POINT STANDARD
A/R #1850 SERIES
LOCK BODY w/ THUMBTURN
SINGLE POINT RELEASE
PER ACTIVE PANEL

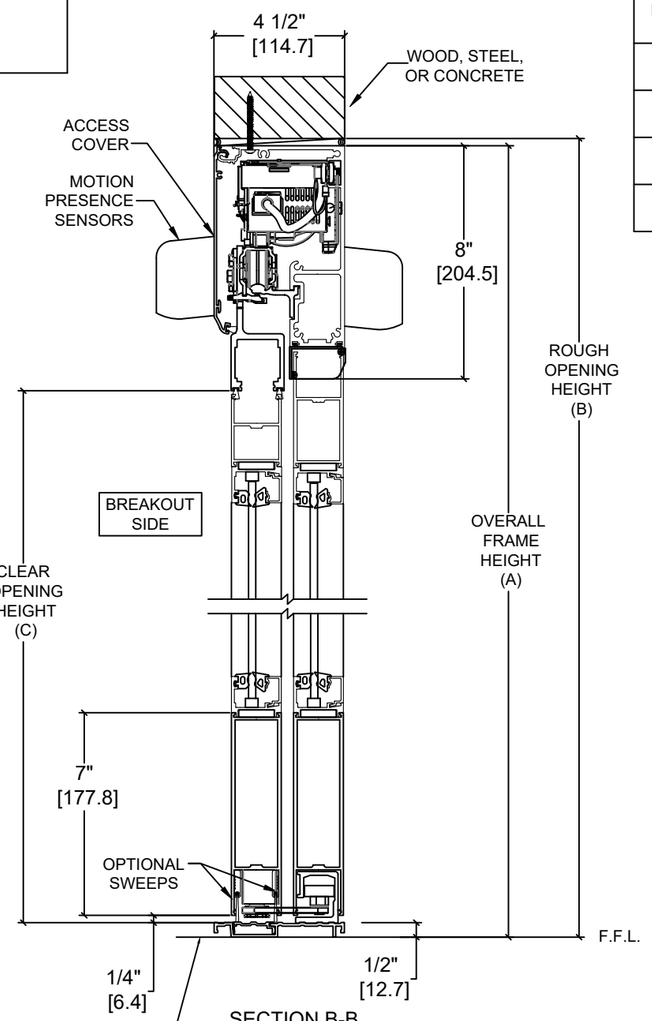
℄ LOCK

41 1/2"
[1054.1]

F.F.L.

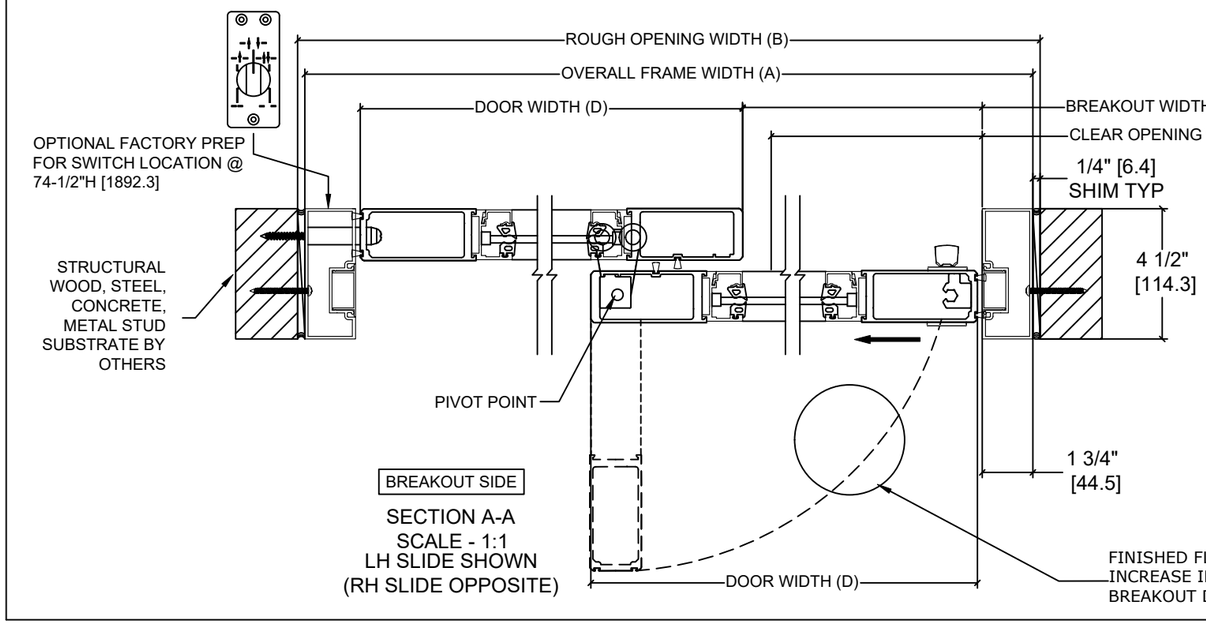
EXTERIOR ELEVATION

SCALE - 1:5
LH SLIDE SHOWN
(RH SLIDE OPPOSITE)



SECTION B-B
SCALE - 1:1

FINISHED FLOOR MUST NOT BE
CONCAVE ACROSS THE CLEAR
DOOR OPENING AND NOT OUT OF
LEVEL MORE THAN 1/8"



SECTION A-A
SCALE - 1:1
LH SLIDE SHOWN
(RH SLIDE OPPOSITE)

FINISHED FLOOR MUST NOT BE AN
INCREASE IN ELEVATION THROUGH
BREAKOUT DOOR(S)

MODEL NO.	OVERALL FRAME WIDTH (A)	ROUGH OPENING (B)	CLEAR OPENING (C)	DOOR WIDTH (D)	BREAKOUT WIDTH (E)
AT MAX WIDTH	96" [2438.4]	96 1/2" [2451.1]	37 5/16" [947.7]	48 3/4" [1238.3]	43 5/8" [1108.1]
WIDTH FORMULA	B - 1/2" B - [12.7]	A + 1/2" A + [12.7]	A/2 - 10 5/8" A/2 - [269.9]	A/2 + 3/4" A/2 + [19.1]	A/2 - 4 3/8" A/2 - [111.1]
AT MAX HEIGHT	92" [2336.8]	92 1/4" [2343.2]	83" [2108.2]		
HEIGHT FORMULA	B - 1/4" B - [6.35]	A + 1/4" A + [6.35]	A - 9" A - [228.6]		

GLASS FORMULA: OFW /2 - 8 3/8" [212.7] X OFH -20" [508]

NOTES:

STANDARD PACKAGE CONSISTS OF:
- STANDARD FINISH:
  CLASS 1, .018MM, CLEAR- AA-M12C22A41
  CLASS 1, .018MM, DARK BRONZE- AA-M12C22A44
- AUTOMATIC OPERATOR
- MEDIUM STILE RAILS
- THRESHOLD
- 3-POINT LOCK WITH LOCK INDICATOR
- 1/4" [6mm] TEMPERED GLASS
- DRY GLAZED
- MOTION/PRESENCE SENSORS
- 5-POSITION KNOB SWITCH
- BALL CATCH

OPTIONS AVAILABLE:
- SPECIAL FINISHES
- 10" BOTTOM RAILS, SEE SHEET AA-44 FOR DETAILS
- DUAL CONCEALED SWEEPS IN SX PANELS
- THRESHOLD LEAD-UP, SEE SHEET AA-30 FOR DETAILS
- MUNTINS, SEE SHEET AA-44 FOR DETAILS
- SEE SHEET OS-11 FOR ALL OTHER OPTIONS

FOR MAXIMUM CURRENT DRAW, SEE PRODUCT SPECIFICATION, INSTALLATION INSTRUCTIONS, OR THE UL LABEL ON THE EQUIPMENT.

TEST PROTOCOLS: ASTM F842-17 GRADE 10
ASTM E 283 TESTED TO 1.57PSF FOR 1.0 CFM/SF/MIN
ASTM E 330 TESTED TO +/-55PSF
REFER TO TEST REPORT NC.2019.031.02 FOR STRUCTURAL TESTING DETAILS
REFER TO TEST REPORT 1021895 FOR U-VALUE TESTING DETAILS

REFER TO RELEVANT [LOCAL, STATE, NATIONAL, OR AHJ] BUILDING CODE FOR MIN DOOR HEIGHT & MIN/MAX WIDTH ALLOWABLE FOR EGRESS REQUIREMENT IN CONJUNCTION WITH TABLE.

DIMENSIONS ARE IN INCHES [mm]

DWG NO. 1021500						
DRN BY SJF	DATE 9/9/20	CHK BY DBN	DATE 5/19/21	REV. 1.0	DATE 01/27/2022	