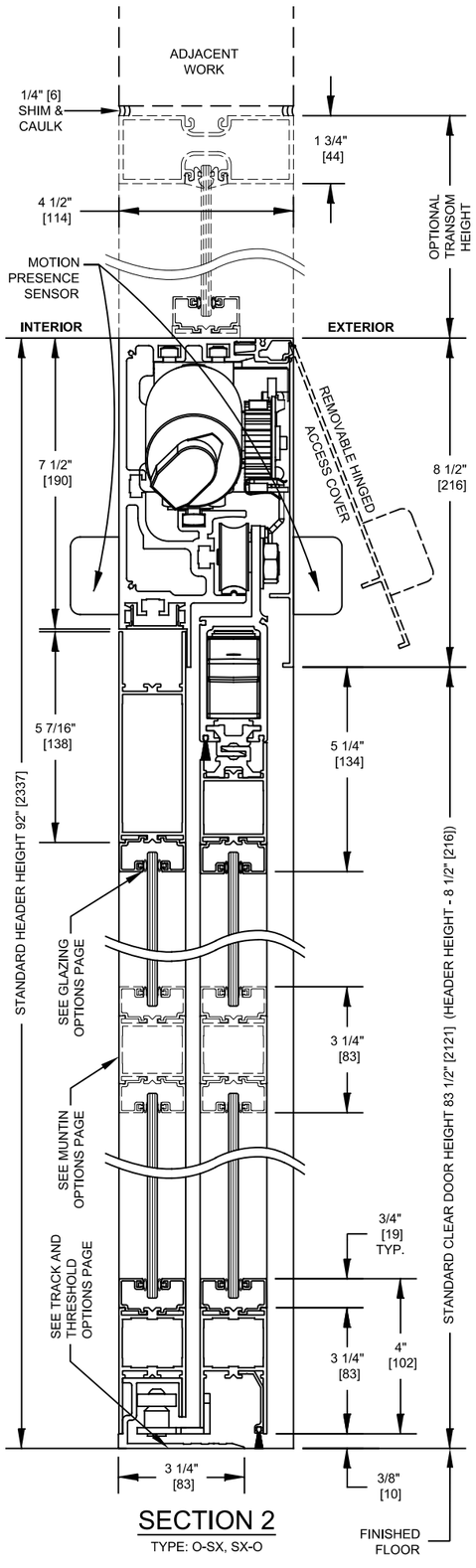
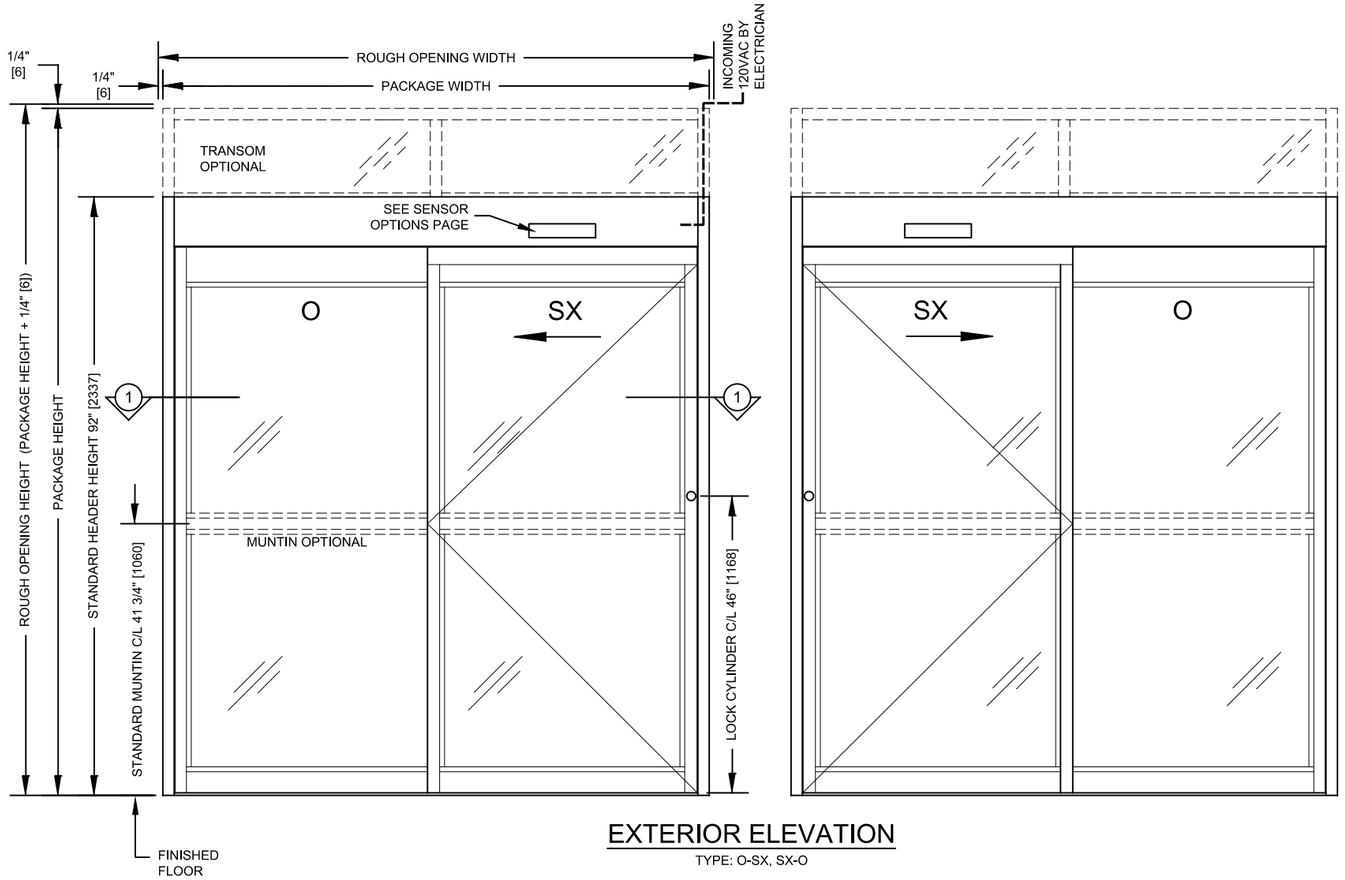


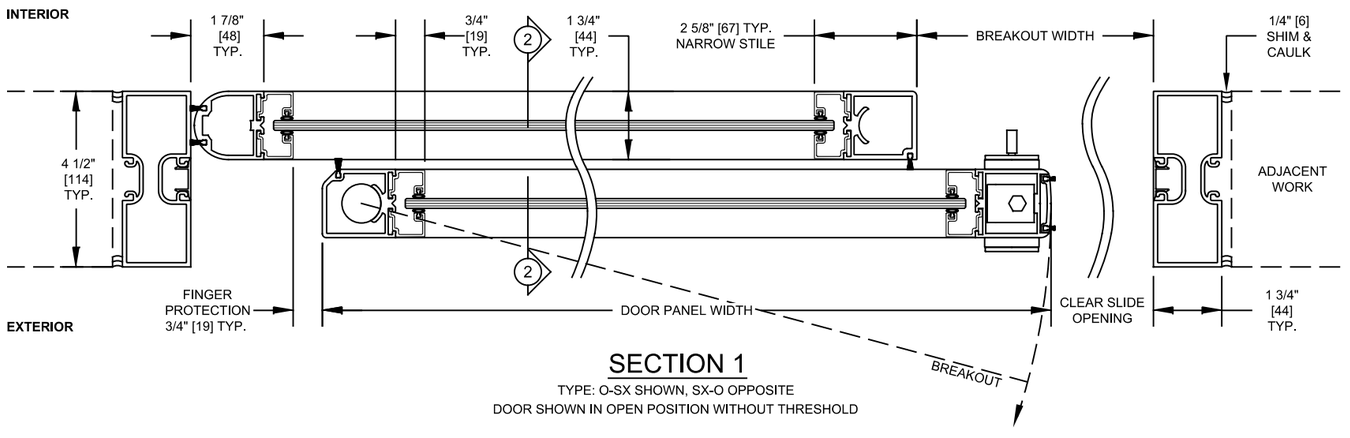

## SECTION 2

TYPE: O-SX, SX-O




## EXTERIOR ELEVATION

TYPE: O-SX, SX-O




## SECTION 1

TYPE: O-SX SHOWN, SX-O OPPOSITE

DOOR SHOWN IN OPEN POSITION WITHOUT THRESHOLD

| Package Width | Rough Opening Width | Clear Slide Opening | Door Panel Width | Breakout Width |
|---|---|---|---|---|
| (6'-6") 78" [1981] | 78 1/2" [1994] | 32 7/16" [824] | 38 1/2" [977] | 36 1/16" [916] |
| (7'-0") 84" [2134] | 84 1/2" [2146] | 35 7/16" [900] | 41 1/2" [1054] | 39 1/16" [992] |
| (8'-0") 96" [2438] | 96 1/2" [2451] | 41 7/16" [1053] | 47 1/2" [1207] | 45 1/16" [1145] |
| (9'-0") 108" [2743] | 108 1/2" [2756] | 47 7/16" [1205] | 53 1/2" [1359] | 51 1/16" [1297] |
| Width Formulas | Package Width +1/2" [13] | (Package Width / 2) - 6 9/16" [167] | (Package Width / 2) - 1/2" [13] | (Package Width / 2) - 2 15/16" [74] |

1. This Standard Single door package consists of:
   - A. Operator:
     - Two combination motion/presence sensors (one on each side) (See sensor options page).
     - ESA II motor drive unit with self-learning and self-monitoring microprocessor controller.
     - Jamb mounted 5 function rocker switch panel (see mode switch options page).
   - B. Panels:
     - 2 5/8" [67] Narrow stile door panels (including 3/4" [19] wide glass stop).
     - 3-1/4" [83] Optional muntin mounted at 41-3/4" [1060] centerline on all panels (including 3/4" [19] wide glass stop).
     - 4" [102] Bottom rails (including 3/4" [19] wide glass stop).
     - 1 3/4" [44] x 4 1/2" [114] Double pocket jambs.
     - Vertical and horizontal brush type weather stripping (AAMA-701-11Class A).
     - Manual two point mortise lock with thumb turn and key cylinder.
     - 3/4" [19] wide snap-in glass stops for glazing from 1/4" [6] to 1 1/4" [32] thick at 1/8" [3] increments.
     - 3 1/4" [83] x 1/8" [3] Beveled ADA Compliant Threshold.
     - ITS Hydraulic self-closer in SX panels.
     - Breakaway sliding door panels (SX) and fixed sidelights (O) panels.
   - C. Finishes:
     - Clear anodized (BHMA 204).
     - Dark Bronze anodized (BHMA 313).

2. Optional Transom:
   - A. Single vertical 1 3/4" [44] x 4 1/2" [114] double pocket mullion (Standard). Multiple verticals available.
   - B. Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
   - C. 1/4" [6] Glass uses pocketed tubes and pressed in-glazing, top and sides.
   - D. Other glass thickness use snap-in sash on all sides.

3. Typical Package Options:
   - A. Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available for header, panels and jambs.
   - B. Muntins: multiple muntins, various heights and locations.
   - C. Bottom Rails: 7" [178], 10" [254]. Other options available.
   - D. Santoprene rubber weather stripping available.
   - E. Locking and Security Options:
     - Bi-stable autolock sliding carrier lock concealed in header.
     - 3-point lock and reinforced strike.
     - Security contacts.
     - Keyed mode switch panel (5 function or 3 function) (see mode switch options page).
     - Recessed exit device in 5 1/2" [140] in SX muntin.
   - F. Jambs: 1 3/4" [44] x 4 1/2" [114] and 2" [51] x 6" [152] smooth available.

4. Dimensions:
   - A. Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
   - B. Typical package dimensions: (Glass thickness my be limited by panel size)
     - Each door package is manufactured to your custom size requirements.
     - Package Width: Min. 6'-6" [1981] to Max. 9' [2743].
     - Header Height: Min. 7'-4 1/2" Max. 10' [3048].
     - Package Height: Max. 12' [3658] with Transom.
     - SX Panel Weight: Max. Weight 200 lbs [90kg].
   - C. Maximum special application limits / custom packages:
     (Sizes may be restricted due to complexity and application)
     (Please contact dormakaba Architectural Services for dimensions **outside of typical sizes above**)
     - Package Width: Min. 6'-6" [1981] to Max. 9'-6" [2896].
     - Package Height: Max. 14' [4267].
     - Header Height: Max. 12' [3658].
     - Transom Height: Min. 8" [203] to Max. 2' [610].
     - SX Panel Width: Max. Width 56" [1422].
     - SX Panel Size Limit = (SX Panel Width x Weight) < 800 ft-lbs [1084 N-m] Max.

5. Power Requirements:
   - A. 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.

6. Standards of Compliance:
   - A. UL 325 & CSA 22.2 (listed with ETL).
   - B. Designed to comply with these standards depending on installation and application:
     - International Building Code (Section 1008).
     - ANSI/ BHMA 156.10.
     - ANSI/ BHMA 156.38.
     - NFPA 101 Life Safety Code (Section 7.2.1.9).
   - C. Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
   - D. Minimum ADA is 32" clear slide opening.

7. Contact dormakaba Architectural Services for more information:
   - A. Phone: 1-844-SPEC-NOW (1-844-773-2669)

ESA200_SN



dormakaba
1 Dorma Drive, Reamstown PA 17567 Phone: 717-336-3881

Drawing Title: **ESA200 AUTOMATIC SLIDING DOOR**

**FIXED SIDELIGHT** **SINGLE** **NARROW STILE**

© dormakaba Subject to Change Without Notice.

Date: 14-JUN-2022