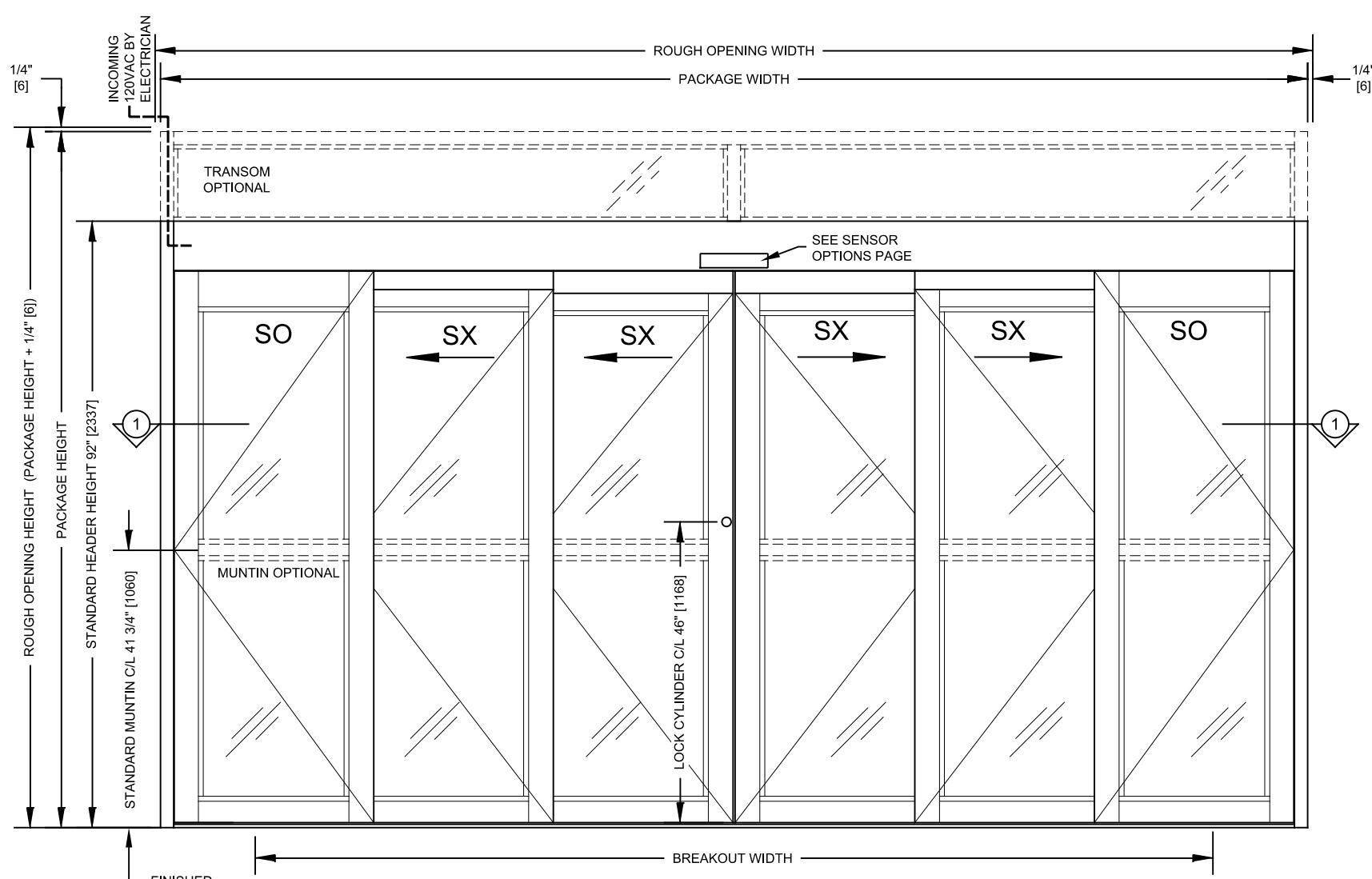
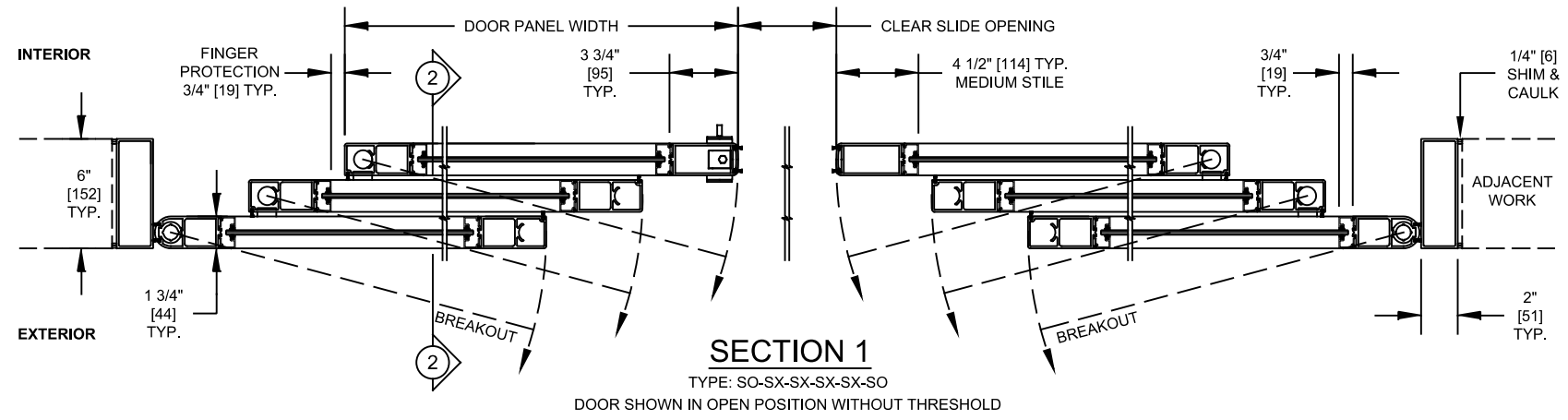


**SECTION 2**  
TYPE: SO-SX-SX-SX-SO



**EXTERIOR ELEVATION**  
TYPE: SO-SX-SX-SX-SO



**SECTION 1**  
TYPE: SO-SX-SX-SX-SO

| Package Width        | Rough Opening Width         | Clear Slide Opening                   | Door Panel Width                   | Breakout Width              |
|----------------------|-----------------------------|---------------------------------------|------------------------------------|-----------------------------|
| (14'-0") 168" [4267] | 168 1/2" [4280]             | 81 7/8" [2080]                        | 30 3/16" [767]                     | 153" [3886]                 |
| (15'-0") 180" [4877] | 180 1/2" [4890]             | 89 7/8" [2283]                        | 32 3/16" [818]                     | 165" [4191]                 |
| (16'-0") 192" [4877] | 192 1/2" [4890]             | 97 7/8" [2486]                        | 34 3/16" [868]                     | 177" [4496]                 |
| Width Formulas       | (Package Width) + 1/2" [13] | (Package Width x 2/3) - 30 1/8" [765] | (Package Width / 6) + 2 3/16" [56] | (Package Width) - 15" [381] |

- This Bi-part Telescopic door package consists of:
  - 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).
  - Panels:
    - 4-1/2" [114] Medium 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).
    - 2" [51] x 6" [152] Smooth 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.
    - ADA Compliant Surface applied track and threshold 1/2" [13] x 6 5/8" [168].
    - Breakaway sliding door panels (SX) and breakaway sidelights (SO) panels.
    - Limit arm on SX and SO Panels.
    - Breakout sensors in SO panels.
  - Finishes:
    - Clear anodized (BHMA 204).
    - Dark Bronze anodized (BHMA 313).
- Optional Transom:
  - Single vertical 2" [51] x 6" [152] smooth mullion (Standard). Multiple verticals available.
  - Glass thickness options 1/4" [6] thru 1-1/4" [32] at 1/8" [3] increments.
  - Snap-in sash on all sides.
- Typical Package Options:
  - Finishes: special anodized, PVDF (wet) paint, powder coat, and cladding available. header, panels and jambs only.
  - Muntins: multiple, various heights, locations and recessed exit device.
  - Bottom Rails: 7" [178], 10" [254]. Other heights available.
  - Santoprene rubber weather stripping available.
  - 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.
    - Surface applied 8600 exit device.
  - Recessed or 3-piece surfaced applied threshold available.
- Drawing Notes:
  - Drawing dimensions are in English & Metric units. Metric units are displayed as: 1" [25] millimeters.
  - Typical package dimensions: (Glass thickness may be limited by panel size)
    - Each door package is manufactured to your custom size requirements.
    - Package Width: Min. 14" [4267] to Max. 16' [4877].
    - Header Height: Min. 7'-5 1/8" Max. 10' [2234].
    - Package Height: Max. 12' [3658] with Transom.
    - SX Panel Weight: Max. Weight 200 lbs [90kg].
  - 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. 12'-6" [3810] to Max. 21' [6401].
    - 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].
    - SO Panel Width: Max. Width 60" [1524].
    - SO Panel Weight: Max. 250 lbs [113 kg].
    - SX Panel Size Limit = (SX Panel Width x Weight) < 800 ft-lbs [1084 N-m] Max.
- Power Requirements:
  - 120V +/- 10%, 50/60 Hz, 6.6A peak, 250 W. Up to 4 operators on a single 20A breaker. Service to header by electrician.
- Standards of Compliance:
  - UL 325 & CSA 22.2 (listed with ETL).
  - 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).
  - Refer to Local, State, National or AHJ. Building Code for minimum door height and minimum/maximum width allowable for egress requirements.
  - Minimum ADA is 32" clear slide opening.
- Contact dormakaba Architectural Services for more information:
  - Phone: 1-844-SPEC-NOW (1-844-773-2669)

ESA300T\_BM Sheet 1 of 1

**dormakaba**

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

Drawing Title: **ESA300T TELESCOPIC AUTOMATIC SLIDING DOOR**

**FULL BREAKOUT BI-PART MEDIUM STILE**

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