NOTES TO SPECIFIER

Review and remove any text in BLUE before sending.

Review all alternate manufacturers and edit as necessary.

Edit options are typically flagged in the following manner:

EDIT – choices need decision or detailed review

NOTE – note to specifier regarding selection

OPTION – note when there may be an option for the article and/or paragraph

[font in brackets] = edit options for consideration.

<font in carrots> = marker for inserting additional text

It is highly recommended that you make the following statements in your flooring specification section:

* + 1. Verify that surfaces are smooth and flat with maximum variation of 3/16 inch in 10 feet, and are ready to receive Work.
    2. Prepare substrate in accordance with ASTM F710 and flooring manufacturer’s recommendations.
    3. Remove sub-floor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.
       1. Apply, trowel, and float filler to leave a smooth, flat, hard surface. Repair all floor irregularities.
       2. Fill or level cracks, holes and depressions 1/8 inch wide or wider, and protrusions more than 1/32 inch, unless more stringent requirements are required by manufacturer's written instructions.

SECTION 08 34 00 – SPECIAL FUNCTION DOORS

Part 1 - GENERAL

* 1. RELATED DOCUMENTS
     1. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
  2. SUMMARY
     1. Section includes:
        1. Interior Aluminum-Framed Top-Hung Sliding Doors
     2. Related Sections:
        1. Section 08 14 16 – Flush Wood Door
        2. Section 08 13 16 – Aluminum Doors
  3. REFERENCES
     1. ANSI – American National Standards Institute
        1. ANSI 156.18 Materials and Finishes
        2. ANSI A117.1 Specifications for making buildings and facilities usable by physically handicapped people.
     2. BHMA – Builders Hardware Manufacturers Association
     3. DHI – Door and Hardware Institute
     4. NFPA – National Fire Protection Association
        1. NFPA 80 – Fire Doors and Windows
        2. NFPA 101 – Life Safety code
        3. NFPA 105 – Smoke and Draft Control Door Assemblies
        4. NFPA 252 – Fire Tests of Doors Assemblies
     5. AWS – Architectural Woodwork Standards
  4. SUBMITTALS
     1. Comply with Section 01 33 00 – Submittal Procedures
     2. Product Data: Submit manufacturer’s product data, including installation instructions.
     3. Shop Drawings: Submit manufacturer’s shop drawings, including plans, elevations, sections, and details, indicating dimensions, tolerances, materials, components, hardware, finish, options, and accessories. Shop Drawings to show required blocking by others.
     4. Samples: Submit manufacturer’s samples of the following sliding door components:
        1. Door veneer or laminate sample.
        2. Aluminum Frame finish sample.
     5. Warranty Documentation: Submit manufacturer’s standard warranty for complete system
  5. QUALITY ASSURANCE
     1. Product Options: Drawings indicate size, profiles, and dimensional requirements of interior aluminum frames and doors.
     2. Source: Obtain sliding aluminum framed doors and hardware from single source.
     3. Manufacturer's Qualifications: Manufacturer regularly engaged for past 5 years in manufacture of sliding doors similar to that specified.
  6. PERFORMANCE
     1. Aluminum self-leveling (plumb) perimeter face frame with dual gaskets to ensure seal at door/wall interface
     2. Soft-closing mechanism at both sides of door integrated with top track. Soft Closers tested to a minimum of 150,000 cycles.
     3. Concealed door guide required
  7. DELIVERY, STORAGE, AND HANDLING
     1. Delivery and Acceptance Requirements: Deliver materials to site in manufacturer’s original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
     2. Notify manufacturer immediately of any shipping damage.
     3. Storage and Handling Requirements:
        1. Store and handle materials in accordance with manufacturer’s instructions.
        2. Keep materials in manufacturer’s original, unopened containers and packaging until installation.
        3. Store materials in clean, dry area indoors.
        4. Protect materials and finish during storage, handling, and installation to prevent damage.

1. PRODUCTS
   1. MANUFACTURERS
      1. **AD SYSTEMS** 2201 100th St. SW, Everett, WA 98204 | Website: http://specADsystems.com | Phone: 425-740-6011 | ADSystems.Estimating@allegion.com
   2. INTERIOR SLIDING ALUMINUM-FRAMED DOORS AND PARTITIONS
      * 1. SuiteSlide™ Sliding Door System by AD Systems.
        2. No Substitutions
      1. Frame Profiles: Extruded aluminum surface-mounted self-leveling frame mounted to face of wall around opening (mounted at jamb and head locations, track side of opening only). Self -leveling frame will complete seal around door leaf. Gasketing provided by manufacturer. Exposed gaskets at jamb to be silicone bulb gasket at leading edge, pile gasket at other locations.
      2. Finish:

NOTE: Specify standard hardcoat (Kynar) finish in Light Sequin other custom (Kynar or other architectural paint) color option. Consult AD Systems for availability.

* + - 1. Standard: Painted Hardcoat (Kynar) Finish. Meets AAMA 2604 Standard Colors: **[Light Sequin 789G048]**
      2. Custom Painted Hardcoat (Kyanar) Finish: **<Specify Color>**.
    1. Door Leafs. All Doors to be factory machined for hardware including pilot and function holes. Leading edge of door to be fully finished.

NOTE: Specify material for doors or reference separate specification section for wood doors, wood stile and rail doors, aluminum doors, etc.

* + - 1. 1-3/4" Flush Wood Door: Reference Spec Section 08200 Wood Doors or other section as applicable. OR OPTION: Specify: [Solid Timber-Strand Core] [Solid Particle Core] <Insert veneer species, cut, stain or plastic laminate>.
         1. OptionalGlazing: **[monolithic clear tempered] [safety laminated glass] [sound enhanced laminated glass] [other glass as specified by architect]**.
         2. Standard stile widths are 6” with a 10” bottom rail.
      2. 1-3/4” Stile and Rail Wood Panel Door. Reference Spec Section 08200 Wood Doors or other section as applicable. **<Insert veneer species, cut, stain and door (panel) description>.**
      3. Aluminum Stile & Rail Door: 3-1/2” stiles plus 1/2” stop.
         1. 10” bottom Rail.
         2. Option: 4” midrail
         3. Glazing: **[monolithic clear tempered] [safety laminated glass] [sound enhanced laminated glass] [other glass as specified by architect]**.
      4. Other 1-3/4” Doors. Contact AD Systems.
    1. Door Components (Required):

NOTE: Specify required components. Delete components not required.

* + - 1. Single Top Track: Anodized finish aluminum track
      2. Valances: Extruded aluminum with integral end caps

**Choose 1 below:**

* + - * 1. Standard square valance.
        2. Sloped valance.
      1. Top Rollers: tandem nylon roller sized to match door weight
      2. Concealed Floor Guide: Integral Jamb floor guide by AD Systems
      3. Soft-Closers: Soft-closing dampeners at [one] both sides of door leaf. Demonstrate soft closers as tested to 150k cycles
      4. Handles:

**Choose 1 below:**

* + - * 1. Standard Ladder Pull: IVES 950 Flush Pull. ANSI/BHMA 156.9/156.14. Finish: 626 Satin Chrome.
        2. AD Systems 16” ladder pull (ADA compliant)
        3. Other pull options available, consult AD Systems for compatibility
    1. Door Locks (Optional):

|  |
| --- |
| **If Desired Choose 1 below, if unnecessary delete this section:** |
| * + - 1. Jamb Mounted Privacy Lock by AD Systems.   Finish: US 32 D, Brushed Stainless  Non-ADA locations only. |

1. EXECUTION
   1. EXAMINATION
      1. Examine wall openings to receive sliding doors for plumb, level, and square. Note: Finish door operation will be affected by out of tolerance framing.
      2. Verify dimensions of wall openings.
      3. Examine surfaces to receive top and bottom guide.
      4. Notify Architect of conditions that would adversely affect installation or subsequent use of sliding doors.
      5. Do not begin installation until unacceptable conditions are corrected.
      6. Base of door side to be flush or minimal. Rubber Base acceptable.
   2. INSTALLATION
      1. Install sliding doors in accordance with manufacturer’s instructions at locations indicated on the Drawings.
      2. Install sliding doors plumb, level, square, and in proper alignment.
      3. Install sliding doors to close against walls without gaps
      4. Install sliding doors to open and close smoothly.
      5. Anchor sliding doors securely in place to supports. Required: Fire treated 2 x 6 blocking required full length of track.
   3. ADJUSTING
      1. Adjust sliding doors for proper operation in accordance with manufacturer’s instructions.
      2. Adjust sliding doors to operate smoothly without binding.
      3. Repair minor damages to finish in accordance with manufacturer’s instructions and as approved by Architect.
   4. CLEANING
      1. Clean sliding doors promptly after installation in accordance with manufacturer’s instructions.
      2. Do not use harsh cleaning materials or methods that could damage materials or finish.
   5. PROTECTION
      1. Protect installed sliding doors from damage during construction.

END OF SECTION