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 42 43 – ACUTE CARE SWING Entrance 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 Swing 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.
        3. ANSI Z97.1 Standards for Safety Glazing Material Used in Buildings.
     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
     6. Underwriters Laboratories (UL).
        1. UL 1784 – Air Leakage Tests of Door Assemblies.
  4. SUBMITTALS
     1. Comply with Section 01 33 00 – Submittal Procedures or other related section 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 swing door components:
        1. Door veneer or laminate sample.
        2. Aluminum Frame finish sample.
     5. Manufacturer’s Certification: Submit manufacturer’s certification that materials comply with specified requirements and are suitable for intended application.
     6. Warranty Documentation: Submit manufacturer’s standard warranty for complete system
     7. Test Reports: Submit acoustical reports or UL1784 as applicable.
  5. QUALITY ASSURANCE
     1. Product Options: Drawings indicate size, profiles, and dimensional requirements of interior aluminum frames and doors.
     2. Source: Obtain aluminum framed doors and hardware from single source.
  6. PERFORMANCE
     1. Aluminum perimeter frames with integral seals at all door/frame interfaces
        1. Architect to verify frame thickness suitable for required application
     2. Certified to UL 1784 Smoke Rating
        1. Manufacturer to submit 3rd party test data on air infiltration and/or smoke ratings as applicable
  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

ACUTE CARE SWING ENTRANCE DOOR – ALUMINUM -FRAMED DOORS

* + - 1. DualSwing™ High Performance System by AD Systems.
      2. No Substitutions

A. Specified Wall Thickness: **<Insert Wall Thickness>**.

* + 1. Frame Profiles: Extruded aluminum frame “wrap” frame. Frames required to complete seal around door leaf. Gasketing required at all frame to door interfacings.
    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 Leaf: All Doors to be supplied by manufacturer. Factory machined for hardware including pilot and function holes.
       1. Aluminum Stile & Rail Door:

3-1/2” stiles plus 1/2” stop.

**OPTION: 7-1/4” Wide Stile** plus 1/2” stop.

* + - * 1. 10” Bottom Rail.
        2. **OPTION:** Door Leaf in combination of sizes:

**[36” x 23-3/8”]**

**[42” x 23-3/8”]**

**[48” x 23-3/8”]**

* + - * 1. Glazing: **[monolithic clear tempered] [safety laminated glass]**
    1. Door Components (Required):

NOTE: Specify required components. Delete components not required.

* + - 1. Hinges: Ives 5BB1HW 4-1/2 x 4-1/2 Butt Hinge
         1. **OPTION: Ives 112XY Continuous Hinge**
      2. Locking Hardware DS610 Passage – Back to back lever trim
         1. **OPTION: Schlage HL6 Hospital Latch with 7-1/2 Stile.**
      3. Inactive Leaf: Constant latching flush bolt: Ives FB51T Constant Latching Flush Bolt
      4. **OPTION: Active Leaf: Glynn Johnson 100S Overhead Stop**

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Optional Accessories. If desired, indicate REQUIRED. If not desired, delete options below.

* + 1. **OPTION:** Self-Closing Device: LCN 4040XP x Rw/PA [arm with stop action]
    2. **OPTION:** Wall Stops
    3. **OPTION:** Integral blinds: Glass to have blinds between glass lites. All glazing furnished by door manufacturer.
       - 1. Unicel “Vision Control Mini”
         2. Unicel “ViewLite”

1. EXECUTION
   1. EXAMINATION
      1. Examine wall openings to receive swing 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 swing 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 doors in accordance with manufacturer’s instructions at locations indicated on the Drawings.
      2. Install doors plumb, level, square, and in proper alignment.
      3. Install doors to close against walls without gaps
      4. Install doors to open and close smoothly.
      5. Install AD Systems Assembly in walls constructed with minimum 16 Gauge Metal Studs
   3. ADJUSTING
      1. Adjust doors for proper operation in accordance with manufacturer’s instructions.
      2. Adjust 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 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 doors from damage during construction.

END OF SECTION