

# MOSS REED

## ARCHITECTS

**Addendum No: Two (2)**

**Project: Project Build A Future Kingman Crossing**

**Architect's Project No: MR2401**

**Date: March 20, 2026**

**To: All Plan Holders**

### INTRODUCTION

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The following items shall be considered part of the Contract Documents and shall be included in same when Construction Contract is executed. Changes made by Addenda shall take precedence over original Documents. Any changes which may affect construction or proper installation of materials, equipment or fixtures, not specifically mentioned in this Addendum, should be brought to the attention of the Architect before submitting bid. Otherwise, such conditions, if found later to exist, must be worked out in an acceptable manner without additional cost to the Owner. General Contractors are hereby advised to call to the attention of all subcontractors, changes which may affect their work.

Acknowledge receipt of this Addendum by inserting its number and date in the proper blank appearing on the Bid Form. Failure to do so may disqualify the Bidder.

### MODIFICATIONS TO THE PROJECT MANUAL

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- 1) ADD **Section 064100** "Architectural Wood Cabinets & Countertops"
- 2) ADD **Section 083616** "Solid Vinyl Screen Doors"
- 3) ADD Hardware Schedule supplemental to **Section 087100** "Finish Hardware"
  - a. See attached for Hardware Schedule

### ELECTRICAL

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- 4) **PRIOR APPROVALS:** Subject to compliance with the provisions of the Contract Documents, Specifications, the following manufacturers may be substituted.

<u>Manufacturer</u>	<u>Product</u>
Westgate	Light Fixture Type A, B, B2, C, D, F

Contractor shall note that prior approval is by manufacturer's name only. Contractor shall ensure that the products used in preparation of his proposal and proposed to be used on this project, is equivalent to that specified in appearance, performance, size, installation type, and shape. Any material found to not be equivalent to that specified will be rejected. Prior approval of one manufacturer does not automatically prior approve any subsidiary company, parent company and/or sister company and their associated products.

## **GENERAL**

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- 5) Nonmetallic sheathed cable is an approved wiring method.
- 6) In Lieu of separate generator panel, the contractor may provide a generator receptable, breaker in panel, and interlock kit to provide portable generator connection.

This Addendum consists of   2   typewritten page(s) and   3   attachments for a total of  19  pages.

**End of Addendum No. Two (2)**

## **PART 1 - GENERAL**

### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1- General Requirements, apply to work of this section
- B. Section 013300-Submittal Procedures
- C. Section 016000-Product Requirements
- D. Section 061000-Rough Carpentry (blocking and backing)
- E. Section 092900-Gypsum Board (adjacent finish surfaces)
- F. Section 224000-Plumbing Fixtures (sink cutouts and undermount coordination)

### **1.2 REFERENCES**

- A. The following standards are referenced in this section. Unless noted otherwise, the latest edition in effect at the time of bidding shall apply.
  - 1. KCMA (Kitchen Cabinet Manufacturers Association) A161.1 – Performance and Construction Standard for Kitchen and Vanity Cabinets.
  - 2. AWI/AWMAC (Architectural Woodwork Institute/Architectural Woodwork Manufacturers Association of Canada) –Quality Standards, current edition; Custom Grade as Specified.
  - 3. ASTM D1308 – Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
  - 4. ASTM C615 / C615M Standard Specification for Granite Dimension Stone.
  - 5. ANSI A208.1 – Particleboard (where applicable for substrate).
  - 6. CARB ATCM 93120 – Airborne Toxic Control Measure (low-VOC composite wood products).

### **1.3 DESCRIPTION OF WORK**

- A. This section covers the furnishing, fabrication, delivery, and installation of mid-grade residential architectural wood cabinets with a factory-applied painted finish, and the supply and installation of granite countertops, including all associated hardware, accessories, and related items as indicated on the drawings and specified herein.
- B. Work includes, but not limited to:
  - 1. Base Cabinets, wall cabinets, and tall/pantry cabinets in kitchen, bathrooms, laundry, and other areas as shown on drawings
  - 2. Painted finish applied to all exposed cabinet surfaces.
  - 3. Granite countertops, including edge profiles, cutouts, and substrate as required.
  - 4. Cabinet Hardware: hinges, drawer slides, pulls, and knobs.

5. Countertop support brackets, adhesive setting, and sealing

#### **1.4 QUALITY ASSURANCE**

A. Manufacturer/Fabricator Qualifications:

1. Cabinet Manufacturer shall have a minimum of five (5) years of continuous experience fabricating residential cabinetry of the type and quality specified.
2. Manufacturer shall maintain documented quality control procedures. Upon request, submit evidence of KCMA certification or equivalent third-party quality program.

B. Countertop Fabricator Qualifications:

1. Granite countertop fabricator shall have a minimum of three (3) years of continuous experience fabricating and installing natural stone countertops.
2. Fabricator shall employ installers experienced in the methods required by this specification.

C. Mock-Ups:

1. Prior to fabrication of production units, provide a mock-up of one (1) base cabinet and one (1) wall cabinet, complete with hardware and finish, for review and approval by the Architect/Designer.
2. Approved mock-up may be incorporated into the work if undamaged.

#### **1.5 SUBMITTALS**

- A. Product data: Manufacturer's product data sheets for cabinet line, including construction details, box construction, door and drawer styles, finish options, and hardware. Material Safety Data Sheets (SDS) for all finishing products.
- B. Quality Certification: Submit woodwork Manufacturer's (Fabricator's) certification, stating that the fabricated work complies with quality grades and other requirements indicated.
- C. Shop Drawings: Provide dimensioned shop drawings showing cabinet layout, elevations, section cuts, and details. Drawings shall indicate cabinet designations, interior dimensions, hardware locations, blocking requirements, and clearances for appliances and equipment. Show countertop layout, seam locations, edge profiles, cutout dimensions, and overhang dimensions.
- D. Samples: Provide one (1) door sample, minimum 12x12 inches, with specified paint finish applied, for Architect/Designer approval prior to production. Provide three (3) granite samples, minimum 12x12 inches, for selection and approval. Final Slab selection shall be made from the approved granite lot.

- E. Maintenance Data: Submit written cleaning and maintenance instructions for painted cabinet surfaces. Submit written care instructions for granite countertops, including recommended sealant products and re-sealing intervals.

## **1.6 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Deliver cabinets and countertop materials in manufacturer's original protective packaging. Do not deliver until building is enclosed, temperature and humidity controlled, and wet trades are substantially complete.
- B. Store cabinets and countertop slabs in a dry, protected location. Maintain interior temperature between 55°F and 85°F, and relative humidity between 25% and 55%.
- C. Handle granite slabs using appropriate lifting equipment. Store slabs vertically on edge with adequate support to prevent cracking or chipping. Do not stack flat.
- D. Do not install cabinets or countertops until adjacent painting and finishing is complete, floor coverings are installed, and HVAC system is operational and maintaining specified conditions.

## **PART 2 - PRODUCTS**

### **2.1 MANUFACTURERS**

- A. Acceptable Cabinet Manufacturers (residential custom grade, painted):
  - 1. Kraftmaid Cabinetry (Masco Cabinetry), Middlefield, OH
  - 2. Aristokraft Cabinetry (Masterbrand Cabinets), Jasper, IN
  - 3. Diamond Cabinetry (Masterbrand Cabinets), Jasper, IN
  - 4. Merillat Cabinets, Livonia, MI
  - 5. Waypoint Living Spaces, Winchester, VA
  - 6. NorthPoint Cabinetry, Bossier City, LA
  - 7. Advanced Millworks, Inc., Duson, LA
  - 8. Louisiana Millwork Inc., Lake Charles, LA
  - 9. Precision Woodworks, LLC, Lake Charles, LA
  - 10. Crookshank's Custom Cabinets, Lake Charles, LA
  - 11. Or approved equal, subject to Architect review. Submit documentation demonstrating equivalence in quality, construction standards, and warranty at time of bid.
- B. Acceptable Granite Countertop Fabricators: Local or regional fabricators experienced in natural stone countertop fabrication and installation. Fabricator shall obtain stone from a licensed stone importer or distributor. Final slab selection subject to Owner and Architect approval.

## **2.2 CABINET CONSTRUCTION**

- A. Cabinet Grade: Custom residential cabinetry conforming to KCMA A161.1 and AWI Custom Grade as a minimum, unless otherwise indicated.
- B. Cabinet Box (Case) Construction:
  - 1. Box material: minimum 1/2" furniture-board (ULDF or equivalent), thermally fused melamine (TFL) or hardwood plywood. Exposed interior surfaces: matching melamine finish or white/natural finish.
  - 2. Cabinet back: Minimum 1/4" hardboard or furniture board, dadoed into cabinet sides, fully supported. Full back panels required for all cabinets.
  - 3. Bottom, top, and shelf construction: Minimum 3/4" material. Shelves shall be adjustable, pin-supported, with minimum 75-lb rated pins.
  - 4. All exposed cut edges shall be banded with matching PVC or wood edge banding, minimum 0.020 inch thick.
  - 5. CARB ATCM 93120 Phase 2 compliant composite wood products required throughout.
- C. Face Frame:
  - 1. Solid hardwood face frames, minimum 3/4" thick x 1-1/2" wide, doweled and glued construction. Species: Maple, poplar, or approved equal compatible with painted finish.
  - 2. Face Frame joints shall be tight and flush. Sanding of face frame to grit no coarser than 120 prior to finishing.
- D. Doors:
  - 1. Door style: As selected by Owner/Architect. Wood Species: Maple or MDF center panel with solid wood or MDF frame as appropriate to door style.
  - 2. Door thickness: Minimum 3/4"
  - 3. Doors shall be warp-free and flat within 1/8" over and 36" span.
- E. Drawers:
  - 1. Drawer box construction: Dovetail or doweled hardwood (maple or birch), minimum 1/2" sides; or 5/8" furniture board with doweled or lock-rabbit joints. Solid wood is preferred for mid-grade specification.
  - 2. Drawer bottom: Minimum 1/4" plywood or hardboard, dadoed into sides.
  - 3. Drawer front: Applied decorative drawer front matching door style, attached with screws from interior.

## **2.3 HARDWARE**

### A. Hinges:

1. Six-way adjustable concealed cup hinges (European-style). Minimum 110-degree opening angle. Self-closing feature required. Quantity per KCMA standards based on door height and weight.
2. Hardware Standard: Comply with ANSI/BHMA A156.9 "American National Standard for Cabinet Hardware."

### B. Drawer Slides:

1. Full-extension, side-mount, ball-bearing drawer slides rated for minimum 75 lbs per pair. Soft-close or self-close feature required on all drawers.
2. Acceptable manufacturers: Blum Tandem, Grass Dynamoov, Accuride 3832, or approved equal.

### C. Pulls and Knobs:

1. Owner/Architect to select hardware from manufacturer's standard offering or from an Owner-supplied hardware allowance. Hardware shall be installed by cabinet installer.
2. If Owner-supplied hardware is specified: Installer shall verify all hardware is on-site and complete prior to scheduling installation.

### D. Lazy Susans, pull-outs, and specialty inserts: As scheduled on drawings or in cabinet schedule.

## **2.4 PAINTED FINISH**

### A. All exposed exterior cabinet surfaces (face frames, doors, drawer fronts, and exposed cabinet ends) shall receive a factory-applied painted finish as specified herein.

### B. Preparation:

1. All surfaces to be painted shall be properly prepared: filled, sanded smooth, and free of machining marks, mill marks, and surface defects prior to priming.
2. MDF profiles and door styles shall receive additional coats as needed to achieve a smooth, paint-grade surface.

### C. Finish System:

1. Primer: One coat of high-build primer, sanded to 220 grit minimum between coats.
2. Topcoat: Minimum two (2) coats of catalyzed or conversion varnish paint, or equal factory-grade finish, achieving a uniform sheen. Sheen level: Semi-gloss.

3. Color: As selected by Owner/Architect from manufacturer's standard color palette or custom color (custom color may carry additional lead time and cost).

## **2.5 GRANITE COUNTERTOPS**

### **A. Stone:**

1. Granite shall conform to ASTM C615 – natural granite dimension stone.
2. Quality: Sound, hard, and free from seams, cracks, voids, or discolorations that would impair strength, appearance, or durability.
3. Thickness: Minimum ¾ inch (19 mm) for fabricated tops; 1-¼ inch (30 mm) material preferred and required where specifically noted.
4. Color and pattern: As selected by Owner from available slab inventory at approved distributor. Final selection from matched lot; Owner and Architect/Designer to approve slab(s) prior to fabrication.

### **B. Edge Profile: As selected by Owner/Architect. Standard profiles (eased, beveled, bullnose, ogee, dupont) are included. Complex or double-tier profiles may carry additional cost.**

### **C. Substrate and Support:**

1. Provide ¾ inch plywood or minimum ¾ inch cement board substrate at locations where countertop requires support. Coordinate with cabinet installer and blocking requirements.
2. At sink locations: Install appropriate support structure around cutout opening per fabricator's requirements.

### **D. Cutouts:**

1. Provide cutouts for sinks (undermount or drop-in as specified), cooktops, and other items as shown on drawings.
2. Undermount sink cutouts: Polished and finished to match countertop edge profile. Coordinate with plumber for sink template and final dimensions.

### **E. Seams:**

1. Minimize seam locations; place seams at locations approved by Architect/Designer. Seams shall be mitered and tightly fitted, with color-matched epoxy filler. Seams shall be flush and smooth after polishing.

### **F. Sealant:**

1. Apply a penetrating impregnating sealer to all granite surfaces prior to installation. Re-seal countertops after installation and grout/caulk work is complete.

2. Acceptable sealers: StoneTech BulletProof Sealer, Aqua Mix Sealer's Choice Gold, or approved equal. Follow manufacturer's application instructions.
- G. Overhang: Standard 1 ½ inch (38 mm) overhang at base cabinets unless otherwise noted on drawings.

### **PART 3 - EXECUTION**

#### **3.1 EXAMINATION**

- A. Before commencing installation, examine the following conditions. Do not begin work until conditions are acceptable.
- B. Substrate and Structure:
1. Verify that framing, blocking, and backing required for cabinet attachment are in place, properly located, and structurally adequate. Notify General Contractor of any deficiencies.
  2. Verify that walls, floors, and ceilings at cabinet locations are plumb, level, and true within tolerances specified in this section. Report variations exceeding tolerances to Architect/Designer before proceeding.
- C. Conditions:
1. Verify that rough-in plumbing, electrical, and mechanical work within cabinet areas is complete and properly located.
  2. Verify that ambient temperature is within the specified storage and installation range.
  3. Verify that painting and flooring in cabinet areas is complete before installation begins.

#### **3.2 PREPARATION**

- A. Establish and maintain reference lines for cabinet installation. Locate the highest point of the floor in the installation area; use this as the reference point for establishing the level line for all base cabinets.
- B. Coordinate with other trades and confirm rough-in dimensions for sinks, appliances, and built-in equipment prior to delivery of cabinets and countertops.
- C. Confirm all cabinets and components are on-site and undamaged prior to beginning installation. Notify General Contractor of any damaged or missing items immediately.

### **3.3 CABINET INSTALLATION**

#### **A. Wall Cabinets:**

1. Locate and mark all wall studs within the installation area. Mark level reference line at specified height (typically 54 inches AFF to bottom of wall cabinets unless noted otherwise on drawings).
2. Install a temporary ledger board at the level line to support wall cabinets during installation.
3. Begin installation at an inside corner and work outward. Plumb and level first cabinet; shim as required. Secure to wall studs using minimum #10 screws, 2 ½ inches minimum into stud. Do not rely on drywall anchors.
4. Join adjacent cabinets with clamps and install cabinet connectors through face frames or interior sides, as applicable, to draw cabinets tight together with flush faces.
5. Continue installation, maintaining level line and tight joints. Remove ledger board upon completion.

#### **B. Base Cabinets:**

1. Locate high point of floor. Mark level line at 34 ½ inches AFF (to top of cabinet, not including countertop) or as required by drawings. Adjust as needed for finish floor variations.
2. Begin at inside corners. Shim base cabinets to level line; scribe to walls and floor as required for tight, neat joints.
3. Secure to wall studs using minimum #10 screws, 3 inches minimum into stud, through cabinet back and rail.
4. Join adjacent cabinets as described for wall cabinets above.
5. Install filler strips and scribe moldings as required at wall returns, adjacent to appliances, and at exposed ends as shown.

#### **C. Tolerances:**

1. Cabinets shall be level to within 1/8 inch in 8 feet, plumb to within 1/8 inch in 8 feet.
2. Adjacent cabinet faces shall be flush within 1/32 inch, joints tight with no visible gap greater than 1/16 inch.

#### **D. Adjustments:**

1. Adjust all hinges so doors are aligned, plumb, level, and operate without binding. Adjust soft-close tension as required for proper, snug closure.
2. Adjust drawer slides so drawers operate smoothly, fully extend, and align flush with adjacent doors and drawer fronts. Adjust soft-close mechanism.
3. Install all hardware per approved shop drawings and Owner selections.

### **3.4 COUNTERTOP INSTALLATION**

A. Field Measurement:

1. Take field measurements of all countertop areas after cabinets are fully installed and accepted. Fabricate countertops from field measurements. Do not fabricate from drawings alone.

B. Substrate:

1. Install  $\frac{3}{4}$  inch plywood or cement board substrate as required at sink and other locations. Ensure substrate is level, flat, and secured to cabinet tops.

C. Setting:

1. Set granite countertops on a continuous bead of 100% silicone adhesive or construction adhesive as recommended by fabricator. Ensure full support along cabinet top rails.
2. Shim as required to achieve a level countertop surface. Variation in plane of countertop surface shall not exceed 1/8 inch under a 10-foot straightedge.
3. At seams, use color-matched epoxy per fabricator's standard procedure. Polish seam flush after curing.

D. Caulking:

1. After countertops are set and secure, apply a neat, continuous bead of color-matched 100% silicone caulk at the joint between countertop and backsplash, countertop and wall, and at sink rim (if applicable).
2. Tool caulk joint to a smooth, concave profile. Remove all excess.

E. Undermount Sink:

1. Install undermount sink support clips per manufacturer's requirements. Apply silicone adhesive at rim of cutout. Clip sink firmly to underside of countertop. Wipe excess silicone.
2. Coordinate plumbing connection with plumber.

### **3.5 CLEANING AND PROTECTION**

- A. Upon completion of installation, clean all cabinet surfaces with a soft, damp cloth and mild non-abrasive cleaner. Remove all construction debris, labels, protective films, and hardware packaging from cabinet interiors and exteriors.
- B. Clean granite countertops per sealant manufacturer's instructions. Remove all epoxy and silicone residue. Apply final coat of sealer after all adjacent work (grouting, caulking) is complete and cured.

- C. Protect installed cabinets and countertops from damage by subsequent construction activities. Install corner guards, cardboard, or other temporary protection as required.

**3.6 DEMONSTRATION**

- A. Upon completion, demonstrate proper operation of all doors, drawers, and specialty hardware to Owner's designated representative.
- B. Instruct Owner's representative in proper cleaning, maintenance, and care of painted cabinet finishes and granite countertop surfaces, including sealant re-application recommendations.
- C. Deliver all maintenance data, warranty documents, and extra stock materials (if specified) to Owner's representative.

**END OF SECTION 064100**

## **PART 1 - GENERAL**

### **1.1 RELATED WORK**

- A. Section 061100 - Wood Frame Construction
- B. Section 081416 – Flush Wood Doors
- C. Section 099113 – Exterior Painting (not applicable to vinyl door; coordinate finish at adjacent wood trim).

### **1.2 REFERENCES**

- A. AAMA/WDMA/CSA 101/I.S.2/A440 – Standard/Specification for Windows, Doors, and Unit Skylights (performance grading) American Society for Testing Materials (ASTM).
- B. ASTM D4726 – Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors.
- C. ASTM D2513 / general PVC weatherability: Vinyl extrusions shall meet UV stability requirements for exterior exposure.
- D. IRC Section R311 – Means of Egress (door swing, clearances, and landing requirements).
- E. IBHS Fortified Home Gold Standard – Note: Screen doors do not constitute opening protection under FORTIFIED requirements; primary entry door independently meets all FORTIFIED opening protection criteria.

### **1.3 QUALITY ASSURANCE**

- A. Installer shall be experienced in installation of vinyl screen and storm doors; minimum 2 years of relevant experience. Installer shall be familiar with manufacturer's installation requirements for the specified product.
- B. Vinyl Extrusion Quality: PVC frame extrusions shall be UV-stabilized, impact-modified, and formulated for long-term exterior exposure in hot, humid, coastal environments such as Sulphur/Lake Charles, Louisiana (Climate Zone 2, high UV, salt-air proximity).
- C. Color Stability: White vinyl frame shall be formulated to resist yellowing, chalking, and fading for minimum 10 years under direct Gulf Coast sun exposure; titanium dioxide (TiO<sub>2</sub>) UV stabilizer required.
- D. Hardware Corrosion Resistance: All exterior hardware shall be stainless steel, marine-grade, or equivalent corrosion-resistant finish rated for coastal salt-air exposure.

#### **1.4 SUBMITTALS**

- A. One sample of each color material to be used on the project.
- B. Two copies of manufacturer's literature for all products furnished.
- C. List of at least 3 projects of a similar nature by installer which have been installed during the last 3 years, identified with project name, location and date.
- D. Andersen Corporation installation instruction sheets.
- E. Upon completion of the work required by this section, submit one owner's manual, identified with project name, location and date; type and size of door units installed; and wall type in which it is installed, including sketches where necessary. Include recommendations for periodic inspections, care and maintenance. Identify common causes of damage with instructions for temporary patching until permanent repair can be made.

#### **1.5 PRODUCT DELIVERY/STORAGE AND HANDLING**

- A. Deliver door unit in manufacturer's original factory packaging; do not remove packaging until immediately prior to installation.
- B. Store unit upright on edge in a clean, dry, shaded location protected from direct sunlight, heat buildup, and physical damage.
- C. Store up off ground, under cover, protected from weather and construction activities. Do not store vinyl in direct sunlight for extended periods prior to installation; heat distortion can occur in unventilated spaces or vehicle beds in summer.
- D. Inspect door unit upon delivery for cracks, warping, damaged extrusions, broken screen, or missing hardware; report damage to supplier immediately and do not install damaged units.

#### **1.6 JOB CONDITIONS**

- A. Install screen door in strict accordance with safety and weather conditions required by manufacturer's product literature.
- B. Extra caution must be exercised when temperature drops below 32°F and extreme care below 0°F.

## PART 2 - PRODUCTS

### 2.1 GENERAL

- A. Screen Door to be single hinged-swinging, outswing. Nominal Size: 36 inches wide x 80 inches tall. Verify actual rough opening dimensions at front porch jamb prior to ordering; door unit shall be sized to fit opening with uniform clearances specified in Part 3. Screen Tight 5 bar vinyl screen door or approved equal meeting all performance and material requirements herein.

### 2.2 MATERIALS

- A. Frame: Extruded rigid vinyl (PVC), UV-stabilized and impact-modified per ASTM D 4726;
- B. Frame Profile: Minimum 1-3/4 inch thick door unit; stile and rail widths as follows:
  - Stiles: Minimum 3.5 inches wide each side.
  - Top Rail: Minimum 3.5 inches wide.
  - Bottom Rail (kick rail): Minimum 3.5 inches wide; reinforced or solid PVC for durability at foot traffic zone.
  - Mid-Rail: Provide horizontal mid-rail at approximately 36 to 40 inches above bottom of door
- C. Screen Panel: Full-view single screen panel; screen retained in vinyl frame with vinyl or rubber spline in routed groove; screen shall be field-replaceable without special tools.
- D. Screen Mesh: Glass-fiber mesh fabric, 20 x 20 x 0.013-inch mesh of UV-stabilized, 100% PVC-coated polyester yarns; woven and fused to form a fabric mesh resistant to corrosion, shrinkage, stretch, impact damage, and weather deterioration.
- E. Screen Spline: Manufacturer's standard reinforcement spline, 0.175-inch thick for use with glass-fiber mesh fabric and 0.160-inch for aluminum screen mesh.
- F. Fasteners and Mounting Accessories: Non-corrosive stainless steel, or cadmium plated fasteners and washers compatible with PVC components and suitable for a concealed fastener installation.

### **PART 3 - EXECUTION**

#### **3.1 INSPECTION**

- A. Before installation commences, opening shall be inspected and surfaces shall be clean and dry.
  - 1. Wood frame walls shall be dry, clean, sound and well nailed, and/or glued, free of voids and without offsets at joints. Ensure that nail heads are driven flush with all surfaces in opening and within 3" of rough opening.
  - 2. Metal surfaces shall be dry, clean, free of grease, oil, dirt, rust and corrosion, and welding slag, without sharp edges or offsets at joints.
- B. Verify that rough opening or masonry opening is correct. Sill plate shall be level.

#### **3.2 PREPARATION**

- A. Verify proper unit for operation, all operation is as viewed from the outside.
- B. Verify that the rough opening or existing frame dimensions are compatible with the specified 36x80 door unit; confirm clearances can be achieved on all four sides. Report dimensional discrepancies to the Architect before proceeding.
- C. Verify that the porch framing and door jamb substrate are structurally sound and capable of supporting hinge loads; reinforce substrate if required.
- D. Open carton and remove unit. Verify that parts and information have been removed and inspect pieces before disposing of carton.
- E. Store unit in safe position until installed.
- F. Do not proceed with installation until unsatisfactory conditions have been corrected and accepted.
- G. Pre-drill all hinge and hardware pilot holes to prevent splitting of jamb or vinyl components.

#### **3.3 INSTALLATION**

- A. Installer shall conform to installation instructions in accordance with manufacturer's recommendations.
- B. Solid Vinyl Screen Door Installation.
  - 1. Install door plumb and level with clearances of 1/8" hinge side, 1/8" latch side, 1/8" top side, and 1/4" at bottom.

- C. Install minimum (3) hinges per door:
  - 1. Top hinge: 10" center from top of door
  - 2. Center hinge: 40" center from top of door
  - 3. Bottom hinge: 67" center from top of door
- D. Mark hole locations and drill pilot holes.
- E. Attach hinges using stainless steel screws of sufficient length to engage minimum 1-1/2 inches into solid wood or reinforced substrate jamb material.
- F. Adjust hinge tension.
- G. Mount pull handles at desired height-default aligned near the center of door about 36 inches from the top. Drill pilot holes then install with stainless steel screws, being sure not to overtighten.

### **3.4 CLEANING**

- A. Clean vinyl surfaces to remove soil without using abrasive cleaners or solutions containing corrosive solvents.
- B. Hardware must be protected from acid solutions commonly used to wash brick. Clean acid from these areas with clear water to prevent etching.
- C. Remove debris from work site.
- D. Adjust hinges, latch as needed following full inspection for optimal operation.
- E. Remove all installation debris, packaging, and scraps from porch area.
- F. Protect installed screen door from damage during remaining construction activities on the project. If adjacent painting or caulking work is performed after screen door installation, mask door unit completely to prevent paint or caulk contamination of vinyl frame and screen mesh. Remove all masking and protective materials and perform final cleaning at Substantial Completion.

**END OF SECTION 083616**

## HARDWARE SCHEDULE

Supplemental to Spec **Section 087100 Finish Hardware.**

Finishes to be selected from manufacturer standards.

The following schedules are separated via House Plans: A/B/C/D

### HOUSE PLAN A HARDWARE SCHEDULE

<b>H-1</b> Door# 1,2,3			
3 Hinges	S3P1012FRP625	Schlage	
1 Lock/Pull Handelset	FCT60 GRW 619 LAT GRW	Schlage	
1 Threshold			
1 Weatherstrip			
<b>H-2</b> Door# 6,8,9,11,13			
1 Lock/Pull Bed&Bath	F40 LAT 619	Schlage	
<b>H-3</b> Door# 4,5,7,14			
1 Pull Hall&Closet	F10 LAT 619	Schlage	
<b>H-4</b> Door# 10,12			
1 Non-turning	F170 LAT 619	Schlage	

### HOUSE PLAN B HARDWARE SCHEDULE

<b>H-1</b> Door# 1,2			
3 Hinges	S3P1012FRP625	Schlage	
1 Lock/Pull Handleset	FCT60 GRW 619 LAT GRW	Schlage	
1 Threshold			
1 Weatherstrip			
<b>H-2</b> Door# 3,4,5			
1 Lock/Pull Bed&Bath	F40 LAT 619	Schlage	
<b>H-3</b> Door# 11			
1 Pull Hall&Closet	F10 LAT 619	Schlage	
<b>H-4</b> Door# 6,7,8,			
3 Hinges	S3P1012FRP625	Schlage	
1 Non-turning	F1170 LAT 619	Schlage	

### HOUSE PLAN C HARDWARE SCHEDULE

<b>H-1</b> Door# 1,2			
3 Hinges	S3P1012FRP625		Schlage
1 Lock/Pull Handleset	FCT60 GRW 619 LAT GRW		Schlage
1 Threshold			
1 Weatherstrip			
<b>H-2</b> Door# 7,8,10,11,15,16			
1 Lock/Pull Bed&Bath	F40 LAT 619		Schlage
<b>H-3</b> Door# 4,6,9,12,13,14			
1 Pull Hall&Closet	F10 LAT 619		Schlage
<b>H-4</b> Door# 5,17			
3 Hinges	S3P1012FRP625		Schlage
1 Non-turning	F4170 LAT 619		Schlage

### HOUSE PLAN D HARDWARE SCHEDULE

<b>H-1</b> Door# 1,2			
3 Hinges	S3P1012FRP625		Schlage
1 Lock/Pull Handleset	FCT60 GRW 619 LAT GRW		Schlage
1 Threshold			
1 Weatherstrip			
<b>H-2</b> Door# 3,4,13,14,15,16,21			
1 Lock/Pull Bed&Bath	F40 LAT 619		Schlage
<b>H-3</b> Door# 5,17,18,19			
1 Pull Hall&Closet	F10 LAT 619		Schlage
<b>H-4</b> Door# 20			
1 Non-turning	F170 LAT 619		Schlage
<b>H-5</b> Door# 6,10			
1 Track/Frame Kit	EKQ2880		Eclisse
1 Privacy Pocket Lock	OSRLCS2		Eclisse
<b>H-6</b> Door# 11			
1 Track/Frame Kit	EKQ2880		Eclisse
1 Passage Pocket	OSC1		Eclisse