



# *Renaissance* *Architects*

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**Project:** Gary E. Miller Canadian County  
Children's Justice Center Additions  
El Reno, Oklahoma

**Date:** September 5, 2018

**Subject:** Addendum No. 2

The following amendments, additions, deletions, revisions and clarifications are hereby made to the Drawings and Specifications of the above referenced project issued July 25, 2018. Acknowledgment receipt of the Addendum by inserting its number in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

## **CIVIL AND SITE UTILITIES**

### **Item 1. Sheet C1.103 – Base Bid**

**Clarification:** Extend the existing building fire riser drain as shown on the attached sheet C1.

### **Item 2. Sheet C1.103 – Alternate #3**

**Clarification:** Extend the existing building roof drain outlet as shown on the attached sheet C1.

### **Item 3. Fiber-optic and fire alarm line relocations**

**Add:** Fiber-optic and fire alarm line relocations are to be done by Electrical Contractor.

### **Item 4. Chill water/heating primary (hydronics) feed lines relocation**

**Add:** All chill water/heating primary (hydronics) feed lines relocation, addition, and/or alteration is to be completed by Site Utility Contractor. This shall include all work to replace or add lines in the building and to the existing cooling tower/pump room connections.

### **Item 5. Utility Contractor, Electrical Contractor, and Mechanical Contractor Responsibilities**

**Add:** Utility contractor to be responsible for all exterior utility work 5' (five feet) or more from building with the exception of the buried fiber-optic/fire alarm relocation (Electrical Contractor). All MEP trades are to extend their lines a minimum of 5' (five feet) outside of building perimeter.

## **ARCHITECTURAL**

### **Item 6. Alternate #3 Set Sheet A4.241**

**Change:** Add the millwork elevation detail #14 as shown on the attached sheet A1. This elevation is located at the west side of the corridor in room D105.

### **Item 7. Alternate #3 Set Sheet A4.541**

**Change:** Add the millwork elevation detail #14 as shown on the attached sheet A1. This elevation is located at the west side of the corridor in room D105.

**Item 8. Base Bid Set Sheet A7.211**

**Delete:** Delete references to a Sign Type #6. There is no Sign Type #6 in this project. There is specifically noted in room A101 shown on schedule and plan.

**Item 9. Alternate #3 Set Sheet A7.241**

**Delete:** Delete references to a Sign Type #6. There is no Sign Type #6 in this project. There is specifically noted in room D101 shown on schedule and plan.

**MECHANICAL, ELECTRICAL, AND PLUMBING**

**Item 10. Addendum #1 Mechanical, Electrical, and Plumbing Item 11**

**Add the following to the Addendum Language:** This third riser is not part of the bid. If a third riser is required, it will be negotiated and added to the project by change order.

**Item 11. Base Bid Sheet E2.200 – Disconnect**

**Add:** Provide a new 800 amp exterior disconnect as shown on attached sheet E2.

**Item 12. Additional electrical signage**

**Add:** Add the following electrical signs to the project.

"The building complex is served by two power feeds"

On the West Building MDP shall have NEC compliant signage stating "This MDP serves Western portion of building. East portion sourced at exterior disconnect East of building"

On the East Building MDP shall have NEC compliant signage stating "This MDP serves Eastern portion of the building. West portion sourced at the Existing MDP in Room XXX" (field verify exact room).

On the exterior disconnect shall have "This disconnect serves Eastern and center portion of the building. Western portion sourced at the Existing MDP in Room XXX" (field verify exact room).

**Item 13. Courtroom PA System – Alternate #3 Set Sheet E2.204**

**Clarification:** Judges Chamber (Alternate #3): Drawing E2.204 shows install location of Courtroom PA system - (Amp, Equalizer, Mixer, Mics, Jacks, Speakers). The actual equipment shall be owner sourced as a purchase/install segment of electrical contract.

**Item 14. Fiber-optic and fire alarm line relocations**

**Add:** Fiber-optic and fire alarm line relocations are to be done by Electrical Contractor.

**Item 15. Chill water/heating primary (hydronics) feed lines relocation**

**Add:** All chill water/heating primary (hydronics) feed lines relocation, addition, and/or alteration is to be completed by Site Utility Contractor. This shall include all work to replace or add lines in the building and to the existing cooling tower/pump room connections.

**Item 16. Utility Contractor, Electrical Contractor, and Mechanical Contractor Responsibilities**

**Add:** Utility contractor to be responsible for all exterior utility work 5' (five feet) or more from building with the exception of the buried fiber-optic/fire alarm relocation (Electrical Contractor). All MEP trades are to extend their lines a minimum of 5' (five feet) outside of building perimeter.

**SPECIFICATIONS**

**Item 17. Division 08 Section 08 80 00 – Glazing, Also Alternate #3 Window Type 12 in Room D106**

**Change:** Change the 90 minute glass to the following fire rated Unit.

- A. Sealed Insulating Glass Units: ASTM E 774, Class A.
  - 1. Nominal Thickness: 1 inch.
  - 2. Glass - Vision Units: Two lites, one fire-rated and one tempered safety or annealed glass, as scheduled:
    - a. Glaze with manufacturer’s standard fire rated glazing tape.
    - b. Exterior Lite: Tinted float.
      - 1) Tint to match Existing.
    - c. Interior Lite: Clear FireLite with Standard surface finish.
  - 3. Air Space Width: Nominal 1/2 inch measured perpendicularly from surfaces of glass lites at unit's edge.
  - 4. Sealing System: Dual seal, 10 year limited warranty.
  - 5. Spacer Specifications: Manufacturer's standard stainless steel.
    - a. Desiccant: Manufacturer's standard desiccant.
- B. Corner Construction: Manufacturer's standard corner construction.

**Item 18. Division 09 Section 09 65 16 – Resilient Sheet Flooring**

**Add:** Add the attached 09 65 16 – Resilient Sheet Flooring to the Project Manual for flooring noted as RBF.

**CONSTRUCTION MANAGER MANUAL**

**Item 19. Bid Packaging**

**Clarification:** For bids that are contingent upon award of two (2) bid packages, the bidder can note on the bottom of the bid form:

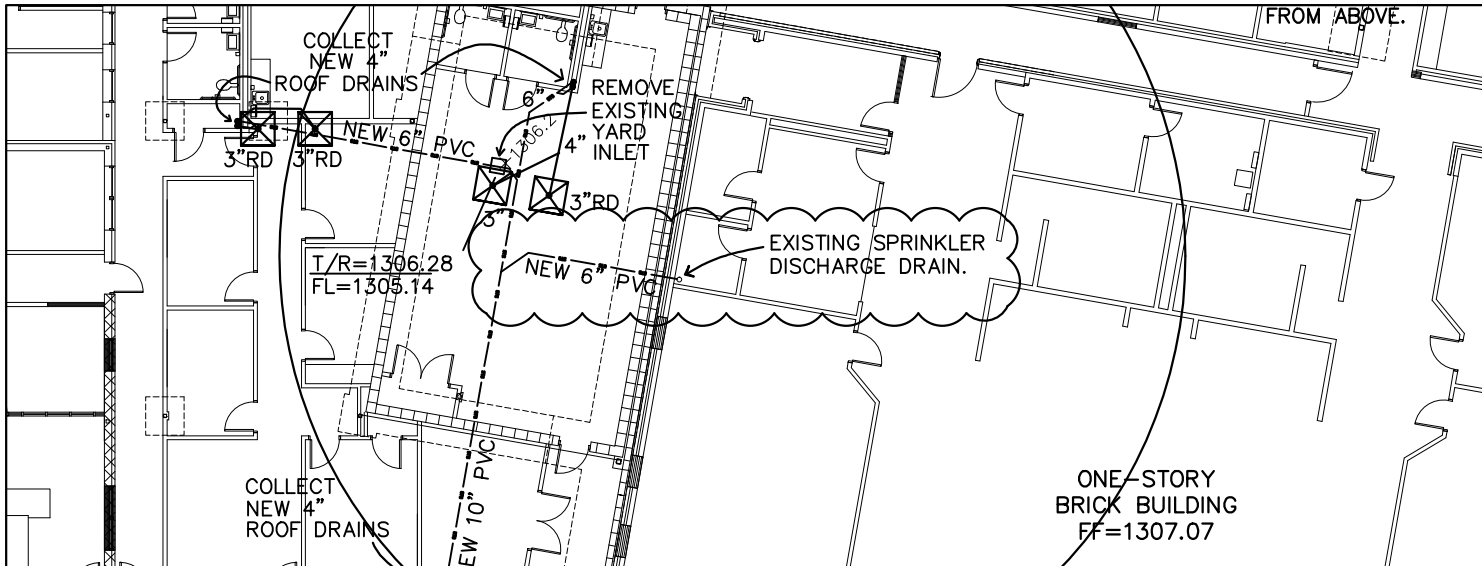
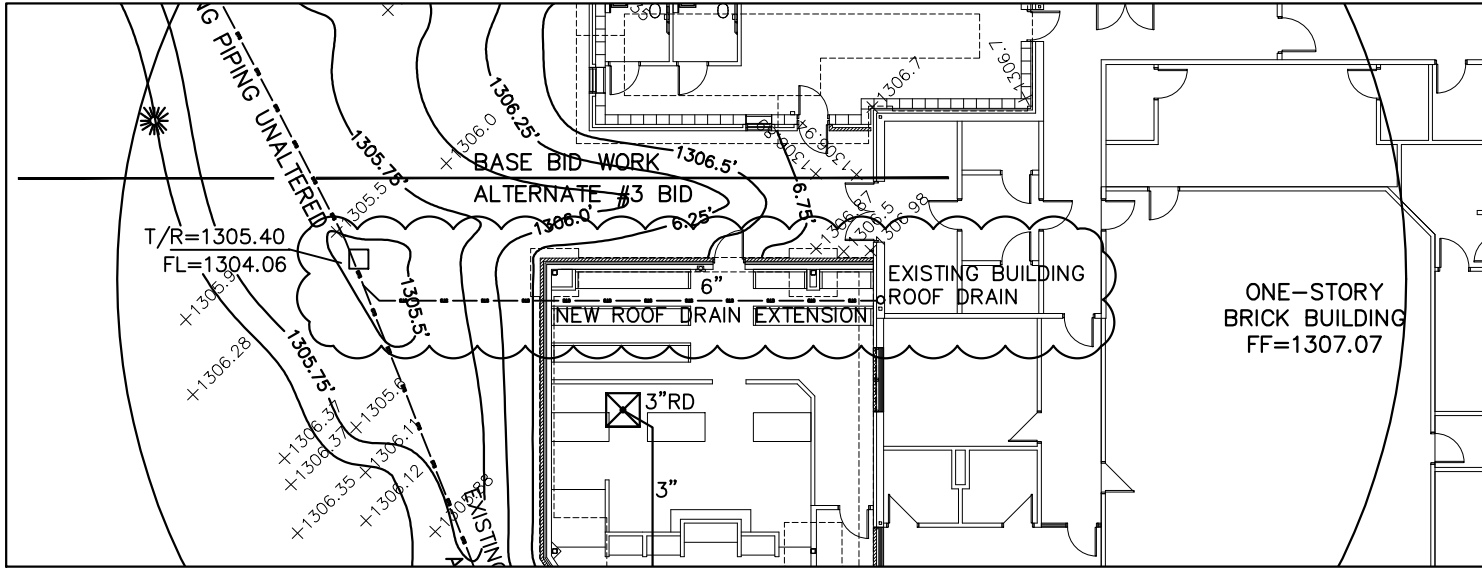
This bid is contingent on the award of this bid package and bid package \_\_\_\_\_.

**Attachments**

Attachment	C1	(8.5” x 11” – 1 page)
Attachment	E2	(8.5” x 11” – 1 page)
Attachment	A1	(8.5” x 11” – 1 page)
Attachment	09 65 16 – Resilient Sheet Flooring	(8.5” x 11” – 4 pages)

**END OF ADDENDUM NO. 2**





**WEIMER ENGINEERING, LLC**  
*Renaissance Architects*

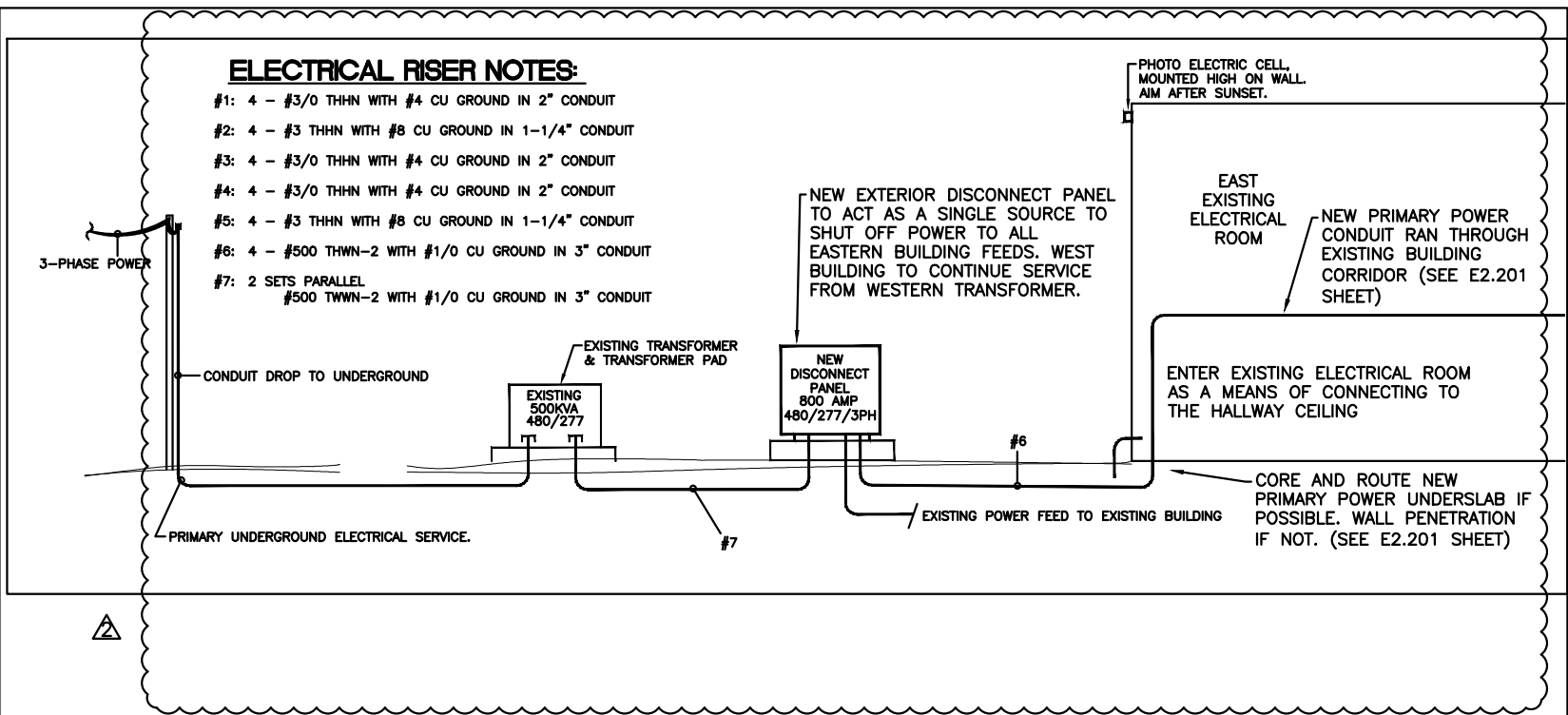
DATE:  
 8/30/2018  
 9/5/2018

REVISIONS:  
 ADDENDUM 1  
 ADDENDUM 2

SHEET NUMBER  
**C1**

**ELECTRICAL RISER NOTES:**

- #1: 4 - #3/0 THHN WITH #4 CU GROUND IN 2" CONDUIT
- #2: 4 - #3 THHN WITH #8 CU GROUND IN 1-1/4" CONDUIT
- #3: 4 - #3/0 THHN WITH #4 CU GROUND IN 2" CONDUIT
- #4: 4 - #3/0 THHN WITH #4 CU GROUND IN 2" CONDUIT
- #5: 4 - #3 THHN WITH #8 CU GROUND IN 1-1/4" CONDUIT
- #6: 4 - #500 THWN-2 WITH #1/0 CU GROUND IN 3" CONDUIT
- #7: 2 SETS PARALLEL  
#500 THWN-2 WITH #1/0 CU GROUND IN 3" CONDUIT



**PANEL BOARD SCHEDULE**

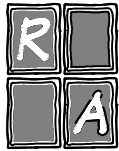
	MOUNTING	MAIN LUGS	
277/480V, 3PH, 4W, CIRCUIT BREAKER PANEL-COPPER BUS			
NEW 800AMP EXTERIOR DISCONNECT PANEL	EXTERIOR		1-3P400 AMP BREAKER TO FEED THE EXISTING EAST MDP  1-3P400 AMP BREAKER TO FEED THE NEW P-6 PANEL  MINIMUM 1 SPARE SPACE FOR 400 AMP 3 PHASE BREAKER
277/480V, 3PH, 4W, CIRCUIT BREAKER PANEL-COPPER BUS			

**WEIMER ENGINEERING, LLC**  
*Renaissance Architects*

DATE:  
8/30/2018  
9/5/2018

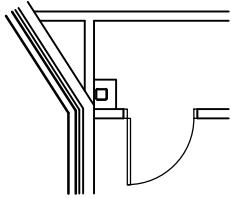
REVISIONS:  
ADDENDUM 1  
ADDENDUM 2

SHEET NUMBER  
**E2**



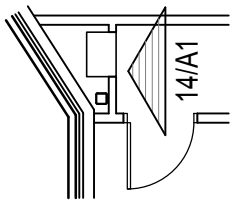
# Renaissance Architects

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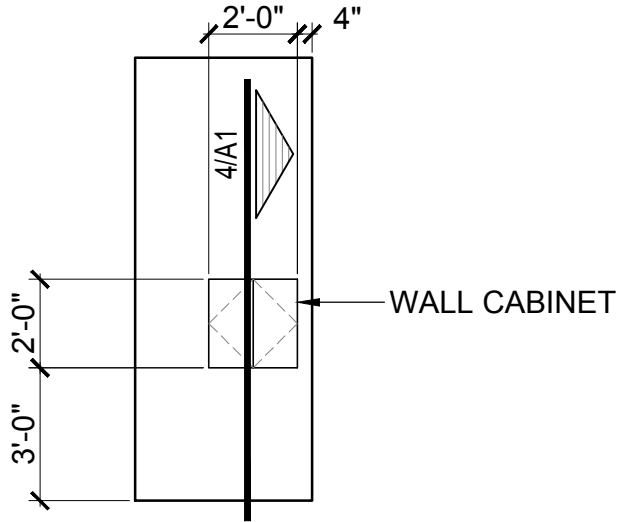
## 1 FLOOR PLAN - AS SHOWN

A1.341 SCALE: 1/8" = 1'-0"



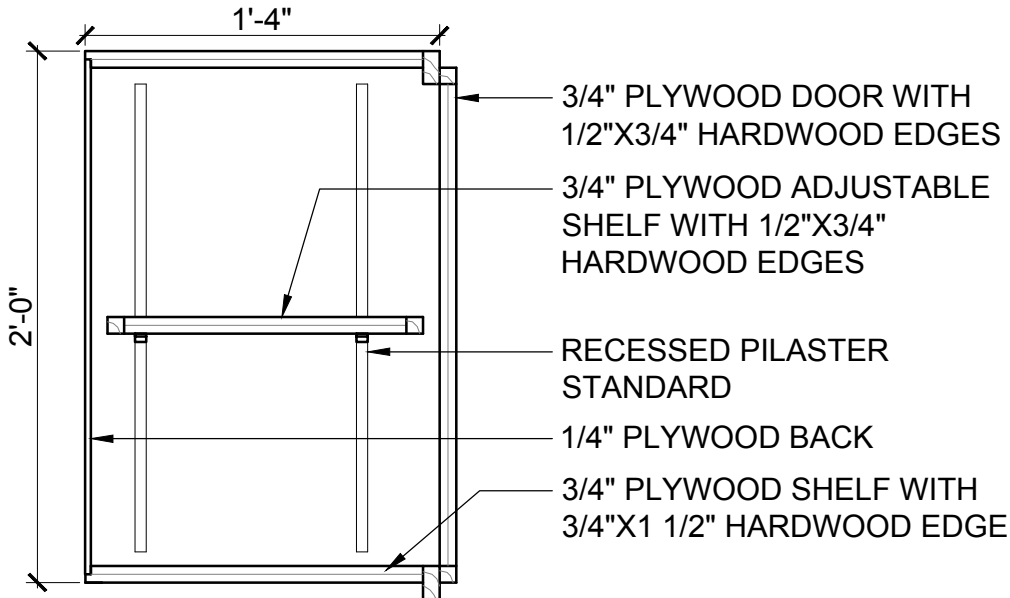
## 2 FLOOR PLAN - MODIFIED

A1.341 SCALE: 1/8" = 1'-0"



## 14 CABINET ELEVATION

A4.241 SCALE: 1/4" = 1'-0"



## 7 CABINET SECTION

A4.541 SCALE: 1" = 1'-0"

**NOTE:**  
 (3) THREE 2" DIAMETER HOLES IN TOP AND BOTTOM OF CABINET FOR CORDS, CABLES AND VENTING

PROJECT NAME:  
 CCCJC  
 2018 ADDITION

SUBJECT: MILLWORK

REVISION SHEET: A1  
 DELTA  
 DATE: 09/04/18

## SECTION 09 65 16 - RESILIENT SHEET FLOORING

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. Section Includes:
  - 1. Vinyl sheet floor covering, with backing.
- B. Related Sections:
  - 1. Division 09 Section "Resilient Base and Accessories" for resilient base, reducer strips, and other accessories installed with resilient floor coverings.
  - 2. Division 09 Section "Resilient Tile Flooring" for resilient floor tile.

#### 1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For each type of floor covering. Include floor covering layouts, locations of seams, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
  - 1. Show details of special patterns.
- C. Samples for Verification: In manufacturer's standard size, but not less than 6-by-9-inch sections of each different color and pattern of floor covering required.
  - 1. For heat-welding bead, manufacturer's standard-size Samples, but not less than 9 inches long, of each color required.
- D. Product Schedule: For floor coverings. Use same designations indicated on Drawings.
- E. Qualification Data: For qualified Installer.
- F. Maintenance Data: For each type of floor covering to include in maintenance manuals.

#### 1.4 QUALITY ASSURANCE

- A. Single-Source Responsibility: provide types of flooring and accessories supplied by one manufacturer, including moisture mitigation systems, primers, leveling and patching compounds, and adhesives.
- B. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor covering installation and seaming method indicated.
  - 1. Engage an installer who employs workers for this Project who are trained or certified by floor covering manufacturer for installation techniques required.
- C. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.
  - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in good condition to the jobsite in the manufacturer's original unopened containers that bear the name and brand of the manufacturer, project identification, and shipping and handling instructions.

- B. Store floor coverings and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F (10 deg C) or more than 90 deg F (32 deg C). Store rolls upright.

## 1.6 PROJECT CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 85 deg F (29 deg C), in spaces to receive floor coverings during the following time periods:
  - 1. 48 hours before installation.
  - 2. During installation.
  - 3. 48 hours after installation.
- B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F (13 deg C) or more than 95 deg F (35 deg C).
- C. Close spaces to traffic during floor covering installation.
- D. Close spaces to traffic for 48 hours after floor covering installation.
- E. Install floor coverings after other finishing operations, including painting, have been completed.

## 1.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Floor Covering: Furnish quantity not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or fraction thereof, in roll form and in full roll width for each color, pattern, and type of floor covering installed.

## PART 2 - PRODUCTS

### 2.1 VINYL SHEET FLOOR COVERING - RBF

- A. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Armstrong World Industries, Inc.
    - a. Homogeneous Sheet; Color Art Accolade Plus.
    - b. Heterogeneous Sheet: DécorArt Corlon.
  - 2. Equivalent systems by other manufacturers will be approved for substitution by addendum if the following conditions are met:
    - a. Other manufacturers must have submitted requested information.
    - b. Manufacturer must submit complete company literature, specifications and product information to the architect for review.
    - c. Manufacturer must submit complete proposed system details, including sizes and strength values of all members to be used.
- B. Vinyl Sheet Floor Covering with Backing: ASTM F 1303.
  - 1. Type (Binder Content): Type II, minimum binder content of 34 percent.
  - 2. Wear-Layer Thickness: Grade 1.
  - 3. Overall Thickness: As standard with manufacturer.
  - 4. Backing Class: Class A (fibrous).
- C. Wearing Surface: Manufacturer's recommended for use in toilets.
- D. Sheet Width: 6 feet (1.8 m).
- E. Seaming Method: Heat welded.
- F. Colors: As selected by Architect from full range of industry colors.



## 2.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit floor covering and substrate conditions indicated.
- C. Seamless-Installation Accessories:
  - 1. Heat-Welding Bead: Manufacturer's solid-strand product for heat welding seams.
    - a. Color: Match floor covering.
- D. Integral-Flash-Cove-Base Accessories:
  - 1. Cove Strip: 1-inch (25-mm) radius provided or approved by manufacturer.
  - 2. Corners: Metal inside and outside corners and end stops provided or approved by manufacturer.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor coverings.
- C. Proceed with installation only after unsatisfactory conditions have been corrected. Beginning indicates acceptance of conditions.

### 3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of floor coverings.
- B. Concrete Substrates: Prepare according to ASTM F 710.
  - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
  - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
  - 3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
  - 4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.
    - a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lb of water/1000 sq. ft. (1.36 kg of water/92.9 sq. m) in 24 hours.
    - b. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75 percent relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
- D. Do not install floor coverings until they are same temperature as space where they are to be installed.

1. Move floor coverings and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- E. Sweep and vacuum clean substrates to be covered by floor coverings immediately before installation.

### 3.3 FLOOR COVERING INSTALLATION

- A. Comply with manufacturer's written instructions for installing floor coverings.
- B. Unroll floor coverings and allow them to stabilize before cutting and fitting.
- C. Lay out floor coverings as follows:
1. Maintain uniformity of floor covering direction.
  2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches (152 mm) away from parallel joints in floor covering substrates.
  3. Match edges of floor coverings for color shading at seams.
  4. Avoid cross seams.
- D. Scribe and cut floor coverings to butt neatly and tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, and door frames.
- E. Extend floor coverings into toe spaces, door reveals, closets, and similar openings.
- F. Maintain reference markers, holes, or openings that are in place or marked for future cutting by repeating on floor coverings as marked on substrates. Use chalk or other nonpermanent marking device.
- G. Install floor coverings on covers for telephone and electrical ducts and similar items in installation areas. Maintain overall continuity of color and pattern between pieces of floor coverings installed on covers and adjoining floor covering. Tightly adhere floor covering edges to substrates that abut covers and to cover perimeters.
- H. Adhere floor coverings to substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.
- I. Seamless Installation:
1. Heat-Welded Seams: Comply with ASTM F 1516. Rout joints and use welding bead to permanently fuse sections into a seamless floor covering. Prepare, weld, and finish seams to produce surfaces flush with adjoining floor covering surfaces.
- J. Integral-Flash-Cove Base: Cove floor coverings 6 inches (152 mm) up vertical surfaces. Support floor coverings at horizontal and vertical junction by cove strip. Butt at top against cap strip.
1. Install metal corners at inside and outside corners.

### 3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of floor coverings.
- B. Perform the following operations immediately after completing floor covering installation:
1. Remove adhesive and other blemishes from floor covering surfaces.
  2. Sweep and vacuum floor coverings thoroughly.
  3. Damp-mop floor coverings to remove marks and soil.
- C. Protect floor coverings from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Cover floor coverings until Substantial Completion.

END OF SECTION