Addendum No. 1

AIRLINE HIGH IMPROVEMENTS – PHASE I
2801 Airline Drive
Bossier City, Louisiana 71111
BPSB Project No. CM1211-A
Bid Number ITB 2014-CM1211-A
SMBB Project No. 1303.02
April 24, 2014

This Addendum No. 1 forms a part of the Contact Documents and modifies the original Bid Documents dated April 9, 2014, as noted below. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

SPECIFICATIONS

DIVISION 0 – BIDDING AND CONTRACT REQUIREMENTS

1. SECTION 00003 – TABLE OF CONTENTS
   A. Section 00005.00 Title – Seals and Certification Form – Delete Title.
      Add New Title: - Seals and Certification
   B. Section 00480 Title– Affidavit Employee Verification – Delete Title.
      Add New Title: Affidavit – Verification of Employees
   C. Section 00490 Title– Affidavit of Conviction-Fraud – Delete Title.
      Add New Title: Affidavit No Convictions
   D. Section 00500 Title – AIA Document A101-2007 Construction Agreement – Delete Title.
      Add New Title: Standard Form of Agreement Between Owner and Contractor, AIA Document A101™ -- 2007
   E. Section 00620 Title – Maintenance Bond – Delete Title.
      Add New Title: Ten Percent (10%) Maintenance Bond
   F. Section 01300 Title – Electronic Submittal Procedures—Delete Title.
      Add New Title: Draft Electronic Submittal Procedures Using www.ArchiTrek.com
   G. Section 081416 – Flush Wood Doors-Addendum #1: Add this Section to the Table of Contents.
   H. Section 096513 – Resilient Base and Accessories-Addendum #1: Add this Section to the Table of Contents.

2. SECTION 00005 – SEALS AND CERTIFICATION
   A. In Footer--Delete page number designation 00050-3 on each page and add page number designation 00005-1 and 00005-2 respectively in place of the deleted page numbers.

   B. The correct date on each page shall be 4.9.2014.

3. SECTION 00100 – INSTRUCTION TO BIDDERS

a. Add the following Article 16 at the end of Instruction to Bidders:

ARTICLE 16

STIPULATED COMPLETION TIMES

16.1 All Work involving demolition, repair, and refinishing of Girls A-138, Boys A-139, Toilet G-106, Men G-131, Women G-133, Toilet G-149, Toilet H-105, installation of New Cooler and Freezer, Cafeteria and Alternates #1, #2 and #3, if accepted, shall be completed, including Substantial Completion and Punch List, no later than August 6, 2014.

16.2 All Work involving demolition, repair, and refinishing of the Auditorium A-101 and New Outdoor Dining Area shall be completed, including Substantial Completion and Punch List, no later than September 30, 2014. Contractor Note: After August 6, 2014 date, a fence enclosing work area, but not to include covered walk, shall be installed for Student safety. Work can continue during regular school hours provided all overhead lifting of steel is done before or after school hours. Late or weekend work hours must be coordinated with School Administrator.

END OF SECTION 00100

DIVISION 4 – MASONRY

4. SECTION 042113 – BRICK MASONRY

A. Paragraph 2.8 Masonry Cleaners, Add the following Paragraph B:

"B. Proprietary Acidic Cleaner: Manufacturer's standard-strength cleaner designed for removing mortar/grout stains, efflorescence, and other stains from existing masonry in Auditorium and Toilet Areas without discoloring or damaging masonry surfaces. Use product expressly approved for intended use by cleaner manufacturer and manufacturer of masonry units being cleaned.

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. ProSoCo, Inc.
      1. Vana Trol or prior approved comparable product."

DIVISION 6 – WOOD, PLASTICS, AND COMPOSITES

5. SECTION 061600 – SHEATHING

a. PARAGRAPH 2.2 CEILING SUBSTRATE AT OUTDOOR DINING AREA: Delete Paragraph 2.2 and Subparagraph A entirely. All other information shall remain as specified.

b. PARAGRAPH 3.3 PLYWOOD SUBSTRATE INSTALLATION: Delete Paragraph 3.3 entirely and Subparagraphs A through D. All other information shall remain as specified.

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

6. SECTION 074113.16 STANDING-SEAM METAL ROOF PANELS

a. PARAGRAPH 3.2 PREPARATION, Subparagraph B: Delete this Subparagraph B entirely. All other information shall remain as specified.

DIVISION 8 – OPENINGS

7. SECTION 081416 – FLUSH WOOD DOORS
   a. Delete this section entirely and add new **SECTION 081416-FLUSH WOOD DOORS–Addendum #1**, found at the end of this Addendum No. 1.

DIVISION 9 – FINISHES

8. SECTION 092216 NON-STRUCTURAL METAL FRAMING
   a. PARAGRAPH 2.2 FRAMING SYSTEMS: Add the following Paragraph K.
      "K. Framing Members for Furred Lavatory Units:
      1. Studs and Runners Base Metal Thickness: .0598 Inch thickness (16 ga.) G60 galvanized coating.
      2. Depth: As indicated on Plans."

9. SECTION 096153 RESILIENT BASE AND ACCESSORIES
   a. Add **SECTION 096153-RESILIENT BASE AND ACCESSORIES-Addendum #1**, found at the end of this Addendum No. 1.

DIVISION 10 – SPECIALTIES

10. SECTION 102800 TOILET, BATH AND LAUNDRY ACCESSORIES
    a. PARAGRAPH 2.2 PUBLIC-USE WASHROOM ACCESSORIES
       Subparagraphs B, C, D and E: Delete Subparagraphs B, C, D and E entirely. Add: Toilet Tissue (Jumbo Roll) Dispensers and Liquid-Soap Dispensers will be furnished by the Bossier Parish School Board and installed by the Contractor.

       Toilet Tissue (Jumbo Roll) Dispensers will be installed by the Contractor at all Toilet Stall locations.

       Liquid-Soap Dispensers will be installed by the Contractor at all Lavatory Units. Install two (2) Liquid-Soap Dispensers at all Three-Station Lavatory Units and one (1) Liquid-Soap Dispenser at all Two-Station Lavatory Units.

       All other items shall remain as specified.

    b. PARAGRAPH 2.3 WARM-AIR DRYERS: Delete Paragraph 2.3 Warm-Air Dryers and associated Subparagraphs A and B entirely. All other times shall remain as specified.

DRAWINGS

Architectural

1. **Sheet A1.02**
   a. Detail 1 – Building A Floor Plan:

      Add Note: Existing Auditorium seats to be repaired are American Seating Model Stellar 35-220. Of the 12 new chairs (to match existing), 5 are end seats that are to be provided with the manufacturer's standard cast iron end panel. The arms to be replaced are to be plastic.

2. Sheet A1.08

a. Detail 4 – Canopy Detail:

1. Delete note "1" Prefinished metal soffit panel attached to 1/2" CDX plywood" and add note "1" Prefinished metal soffit panel attached to 7/8" 18 gauge metal hat channels at 12" on center".
2. Delete note "1" Prefinished metal fascia panel attached to 1/2" CDX plywood" and add note "1" Prefinished metal fascia panel attached to 7/8" 18 gauge metal hat channels at 12" on center".

3. Sheet A1.10

a. Door Schedule – Building A:

1. Door A101A: Delete Door Material "Laminate" and add "Wood" to Door Material.
2. Door A101B: Delete Door Material "Laminate" and add "Wood" to Door Material.
3. Door A138: Delete Door Material "Laminate" and add "Wood" to Door Material.
4. Door A139: Delete Door Material "Laminate" and add "Wood" to Door Material.

b. Door Schedule – Building A Balcony:

1. Door A202A: Delete Door Material "Laminate" and add "Wood" to Door Material.
2. Door A202B: Delete Door Material "Laminate" and add "Wood" to Door Material.

c. Door Schedule – Building G:

1. Door G131: Delete Door Material "Laminate" and add "Wood" to Door Material.
2. Door G132: Delete Door Material "Laminate" and add "Wood" to Door Material.
3. Door G133: Delete Door Material "Laminate" and add "Wood" to Door Material.

4. Sheet A1.20

a. Add the following General Note for this Sheet:

"The Contractor is to install at each Lavatory Unit an Owner-Supplied Paper Towel Dispenser. Location will be field located by the Architect. The Contractor is to install at Room Girls A-138 one (1) Sanitary Napkin/Tampon Vendor. Location will be field located by the Architect."

b. Detail 19 – Furred Wall:

Delete note "New 6" Metal studs at 16" o.c." and add note with "New 6" 16 gauge metal studs at 16" o.c.", anchor studs vertically with 3/8" diameter toggle bolts at 24" o.c. maximum. Anchor stud base plate to slab foundation and top plate to existing plaster or wood substrate."

5. Sheet A1.21

a. Add the following General Note for this Sheet:

"The Contractor is to install at each Lavatory Unit an Owner-Supplied Paper Towel Dispenser. Location will be field located by the Architect. The Contractor is to install at Room Women G-133 one (1) Sanitary Napkin/Tampon Vendor. Location will be field located by the Architect."

b. Detail 13 – Furred Wall 2:

1. Delete note “New 6” Metal studs at 16” o.c.” and add note “New 6” 16 gauge metal studs at 16” o.c.”, anchor studs vertically with 3/8” diameter toggle bolts at 24” o.c. maximum. Anchor stud base plate to slab foundation and top plate to existing plaster or wood substrate.”

6. Sheet A1.22

a. Add the following General Note for this Sheet:

1. “The Contractor is to install at each Lavatory Unit an Owner-Supplied Paper Towel Dispenser. Location will be field located by the Architect. The Contractor is to install at Room Toilet H-105 one (1) Sanitary Napkin/Tampon Vendor. Location will be field located by the Architect.”

b. Detail 26 – Furred Wall 3:

1. Delete note “New 6” Metal studs at 16” o.c.” and add note “New 6” 16 gauge metal studs at 16” o.c.”, anchor studs vertically with 3/8” diameter toggle bolts at 24” o.c. maximum. Anchor stud base plate to slab foundation and top plate to existing plaster or wood substrate.”

c. Detail 27 -- Furred Wall 4:

1. Delete note “New 6” Metal studs at 16” o.c.” and add note “New 6” 16 gauge metal studs at 16” o.c.”, anchor studs vertically with 3/8” diameter toggle bolts at 24” o.c. maximum. Anchor stud base plate to slab foundation and top plate to existing plaster or wood substrate.”

7. Sheet A1.23

a. Add the following General Note for this Sheet:

“The Contractor is to install at each Lavatory Unit an Owner-Supplied Paper Towel Dispenser. Location will be field located by the Architect. “

b. Detail 29 – ADA Typical Mounting Heights

Add Detail 29 – ADA Typical Mounting Heights to Sheet A1.23. See Sheet AD1-1 attached to the end of this Addendum No. 1.

ELECTRICAL

8. Add eight-page Addendum 1 from Purtle + Associates, L.C. for all Electrical Items, attached at the end of this Addendum.

STRUCTURAL

9. Sheet S1.02

a. Dining Canopy Framing Plan and Cooler/Freezer Canopy Framing Plan:

1. Add Note: The roof system is a standing seam system with concealed floating fasteners (not through fasteners as indicated on S1.02) and therefore does not provide any diaphragm shear strength or stiffness. Provide horizontal bridging (top and bottom chords) at 5’-0” O.C. maximum for steel bar joists at the dining canopy. Provide full depth blocking at 5’-0” O.C. maximum for metal stud purlins at the cooler/freezer canopy.

SECTION 081416 - FLUSH WOOD DOORS – Addendum #1

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. Solid-core doors with wood-veneer faces.
2. Factory finishing flush wood doors.

B. Related Requirements:

1. Section 088000 "Glazing" for glass view panels in flush wood doors.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of door. Include details of core and edge construction and trim for openings.

B. Shop Drawings: Indicate location, size, and hand of each door; elevation of each kind of door; construction details not covered in Product Data; and the following:

1. Dimensions and locations of blocking.
2. Dimensions and locations of mortises and holes for hardware.
3. Dimensions and locations of cutouts.
4. Undercuts.
5. Requirements for veneer matching.
6. Doors to be factory finished and finish requirements.
7. Fire-protection ratings for fire-rated doors.

C. Samples for Initial Selection: For factory-finished doors.

D. Samples for Verification:

1. Factory finishes applied to actual door face materials, approximately 8 by 10 inches (200 by 250 mm), for each material and finish. For each wood species and transparent finish, provide set of three Samples showing typical range of color and grain to be expected in finished Work.
2. Corner sections of doors, approximately 8 by 10 inches (200 by 250 mm), with door faces and edges representing actual materials to be used.

a. Provide Samples for each species of veneer and solid lumber required.
b. Finish veneer-faced door Samples with same materials proposed for factory-finished doors.

3. Frames for light openings, 6 inches (150 mm) long, for each material, type, and finish required.

1.4 INFORMATIONAL SUBMITTALS

A. Sample Warranty: For special warranty.

1.5 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

B. Vendor Qualifications: A vendor that is certified for chain of custody by an FSC-accredited certification body.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Comply with requirements of referenced standard and manufacturer's written instructions.

B. Package doors individually in cardboard cartons and wrap bundles of doors in plastic sheeting.

C. Mark each door on top and bottom rail with opening number used on Shop Drawings.

1.7 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install doors until spaces are enclosed and weather tight, wet work in spaces is complete and dry, and HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during remainder of construction period.

1.8 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace doors that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Warping (bow, cup, or twist) more than 1/4 inch (6.4 mm) in a 42-by-84-inch (1067-by-2134-mm) section.
b. Telegraphing of core construction in face veneers exceeding 0.01 inch in a 3-inch (0.25 mm in a 76.2-mm) span.

2. Warranty shall also include installation and finishing that may be required due to repair or replacement of defective doors.
3. Warranty Period for Solid-Core Interior Doors: Life of installation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Graham Wood Doors; an Assa Abloy Group company.
2. Oshkosh Door Company.
3. VT Industries, Inc.
4. Algoma Hardwoods.

B. Source Limitations: Obtain flush wood doors from single manufacturer.

2.2 FLUSH WOOD DOORS, GENERAL

A. Certified Wood: Flush wood doors shall be certified as "FSC Pure" or "FSC Mixed Credit" according to FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship," and to FSC STD-40-004, "FSC Standard for Chain of Custody Certification."

B. Low-Emitting Materials: Fabricate doors with adhesives and composite wood products that do not contain urea formaldehyde.

C. WDMA I.S.1-A Performance Grade:

1. Heavy Duty unless otherwise indicated.

D. Fire-Rated Wood Doors: Doors complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C.

1. Temperature-Rise Limit: At vertical exit enclosures and exit passageways, provide doors that have a maximum transmitted temperature end point of not more than 450 deg F (250 deg C) above ambient after 30 minutes of standard fire-test exposure.
2. Cores: Provide core specified or mineral core as needed to provide fire-protection rating indicated.
3. Edge Construction: Provide edge construction with intumescent seals concealed by outer stile. Comply with specified requirements for exposed edges.
4. Pairs: Provide fire-retardant stiles that are listed and labeled for applications indicated without formed-steel edges and astragals. Provide stiles with concealed intumescent seals. Comply with specified requirements for exposed edges.

E. Smoke- and Draft-Control Door Assemblies: Listed and labeled for smoke and draft control, based on testing according to UL 1784.

F. Particleboard-Core Doors:

1. Particleboard: ANSI A208.1, Grade LD-1 or Grade LD-2.
2. Blocking: Provide wood blocking in particleboard-core doors as needed to eliminate through-bolting hardware.

a. 5-inch (125-mm) top-rail blocking, in doors indicated to have closers.
b. 5-inch (125-mm) bottom-rail blocking, in exterior doors and doors indicated to have kick, mop, or armor plates.
c. 5-inch (125-mm) midrail blocking, in doors indicated to have exit devices.

G. Mineral-Core Doors:

1. Core: Noncombustible mineral product complying with requirements of referenced quality standard and testing and inspecting agency for fire-protection rating indicated.
2. Blocking: Provide composite blocking with improved screw-holding capability approved for use in doors of fire-protection ratings indicated as needed to eliminate through-bolting hardware.

a. 5-inch (125-mm) top-rail blocking.
b. 5-inch (125-mm) bottom-rail blocking, in doors indicated to have protection plates.
c. 5-inch (125-mm) midrail blocking, in doors indicated to have armor plates.
d. 5-inch (125-mm) midrail blocking, in doors indicated to have exit devices.

3. Edge Construction: At hinge stiles, provide laminated-edge construction with improved screw-holding capability and split resistance. Comply with specified requirements for exposed edges.

a. Screw-Holding Capability: 475 lbf (2110 N) per WDMA T.M.-10.

2.3 VENEER-FACED DOORS FOR FACTORY FINISH

A. Interior Solid-Core Doors:

1. AWI Grade: Custom.
2. Species: Select white maple. Grade 1.
3. Cut: Plain sliced (flat sliced)
4. Match between Veneer Leaves: Book match.
5. Assembly of Veneer Leaves on Door Faces: Center-balance match.
6. Pair and Set Match: Provide for doors hung in same opening or separated only by mullions.
7. Core: Particleboard.
8. Construction: Five or seven plies. Stiles and rails are bonded to core, then entire unit is abrasive planed before veneering. Faces are bonded to core using a hot press.
9. WDMA I.S.1-A Performance Grade: Heavy Duty.

2.4 LIGHT FRAMES AND LOUVERS

A. Wood Beads for Light Openings in Wood Doors: Provide manufacturer's standard wood beads unless otherwise indicated.

1. Wood Species: Same species as door faces.
2. Profile: Recessed tapered beads.
3. At wood-core doors with 20-minute fire-protection ratings, provide wood beads and metal glazing clips approved for such use.

B. Metal Frames for Light Openings in Fire-Rated Doors: Manufacturer's standard frame formed of 0.048-inch- (1.2-mm-) thick, cold-rolled steel sheet; factory primed for paint finish; and approved for use in doors of fire-protection rating indicated.

2.5 FABRICATION

A. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame Shop Drawings, BHMA-156.115-W, and hardware templates.

1. Coordinate with hardware mortises in metal frames to verify dimensions and alignment before factory machining.

B. Openings: Factory cut and trim openings through doors.

1. Light Openings: Trim openings with moldings of material and profile indicated.
2. Glazing: Factory install glazing in doors indicated to be factory finished. Comply with applicable requirements in Section 088000 "Glazing" but in no case less than ¼ inch thick safety glass.

C. Transom panels: Fabricate matching panels with same construction, exposed surfaces, and finish as specified for associated doors. Finish bottom edges of transoms and top edges of the doors same as door styles.

1. Fabricate door and transom panel with full-width, solid lumber meeting rails. Provide factory-installed spring bolts for concealed attachment into jambs of metal door frames.

2.6 FACTORY FINISHING

A. General: Comply with referenced quality standard for factory finishing. Complete fabrication, including fitting doors for openings and machining for hardware that is not surface applied, before finishing.

1. Finish faces, all four edges, edges of cutouts, and mortises. Stains and fillers may be omitted on top and bottom edges, edges of cutouts, and mortises.

B. Factory finish doors.

C. Transparent Finish:

1. Grade: Custom.
2. Finish: WDMA TR-6 Catalyzed polyurethane.
3. Staining: As selected by Architect from manufacturer's full range.
4. Effect: Filled finish.
5. Sheen: Satin.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine doors and installed door frames, with Installer present, before hanging doors.

1. Verify that installed frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with level heads and plumb jambs.
2. Reject doors with defects.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. Hardware: For installation, see Section 087100 "Door Hardware."

B. Installation Instructions: Install doors to comply with manufacturer's written instructions and referenced quality standard, and as indicated.

1. Install fire-rated doors according to NFPA 80.
2. Install smoke- and draft-control doors according to NFPA 105.

C. Job-Fitted Doors: Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer or permitted for fire-rated doors. Machine doors for hardware. Seal edges of doors, edges of cutouts, and mortises after fitting and machining.

1. Clearances: Provide 1/8 inch (3.2 mm) at heads, jambs, and between pairs of doors. Provide 1/8 inch (3.2 mm) from bottom of door to top of decorative floor finish or covering unless otherwise indicated. Where threshold is shown or scheduled, provide 1/4 inch (6.4 mm) from bottom of door to top of threshold unless otherwise indicated.

a. Comply with NFPA 80 for fire-rated doors.

2. Bevel non-fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) at lock and hinge edges.
3. Bevel fire-rated doors 1/8 inch in 2 inches (3-1/2 degrees) at lock edge; trim stiles and rails only to extent permitted by labeling agency.

D. Factory-Finished Doors: Restore finish before installation if fitting or machining is required at Project site.

3.3 ADJUSTING

A. Operation: Rehang or replace doors that do not swing or operate freely.

B. Finished Doors: Replace doors that are damaged or that do not comply with requirements. Doors may be repaired or refinished if Work complies with requirements and shows no evidence of repair or refinishing.

END OF SECTION 081416

SECTION 096513 - RESILIENT BASE AND ACCESSORIES-Addendum #1

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. Resilient base.
2. Resilient molding accessories.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples: For each exposed product and for each color and texture specified, not less than 12 inches (300 mm) long.

C. Samples for Initial Selection: For each type of product indicated.

D. Samples for Verification: For each type of product indicated and for each color, texture, and pattern required in manufacturer's standard-size Samples, but not less than 12 inches (300 mm) long.

1.4 MAINTENANCE MATERIAL SUBMITTALS

A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Furnish not less than 10 linear feet (3 linear m) for every 500 linear feet (150 linear m) or fraction thereof, of each type, color, pattern, and size of resilient product installed.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store resilient products 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).

1.6 FIELD CONDITIONS

A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 95 deg F (35 deg C), in spaces to receive resilient products during the following time periods:

1. 48 hours before installation.
2. During installation.
3. 48 hours after installation.

B. After installation and 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. Install resilient products after other finishing operations, including painting, have been completed.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. FloorScore Compliance: Resilient base and resilient molding accessories shall comply with requirements of FloorScore certification.

B. Low-Emitting Materials: Flooring system shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

2.2 THERMOSET-RUBBER BASE

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Burke Mercer Flooring Products, Division of Burke Industries Inc.
2. Flexco.
3. Roppe Corporation, USA.

B. Product Standard: ASTM F 1861, Type TS (rubber, vulcanized thermoset), Group I (solid, homogeneous).

1. Style and Location:
   a. Style A, Straight: Provide in areas with carpet.

C. Thickness: 0.125 inch (3.2 mm).

D. Height: 4 inches (102 mm).

E. Lengths: Coils in manufacturer's standard length.

F. Outside Corners: Preformed.

G. Inside Corners: Job formed.

H. Colors: As selected by Architect from full range of industry colors.

2.3 RUBBER MOLDING ACCESSORY

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Roppe Corporation, USA.
2. VPI, LLC, Floor Products Division.

B. Description: Rubber nosing for carpet. Edge molding at all carpet areas on ground floor and balcony.
1. Roppe Corporation: #43 Custom Carpet Edging.
2. VPI, LLC, Floor Products Division: ACC02 Carpet Reducer ¼".

C. Description: Stair Nosings at Balcony Steps
1. Roppe Corporation: #13, single flange carpet stair nosing, ¼"

D. Profile and Dimensions: Per Model # indicated.

E. Locations: Provide rubber molding accessories in areas indicated.

F. Colors and Patterns: As selected by Architect from full range of industry colors.

2.4 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by resilient-product manufacturer for applications indicated.

B. Adhesives: Water-resistant type recommended by resilient-product manufacturer for resilient products and substrate conditions indicated.

1. Adhesives shall have a VOC content of 50 g/L or less.
2. Adhesives shall comply with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

C. Stair-Tread Nose Filler: Two-part epoxy compound recommended by resilient stair-tread manufacturer to fill nosing substrates that do not conform to tread contours.

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.

1. 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 resilient products.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

1. Installation of resilient products indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.

B. Concrete Substrates for Resilient Stair Accessories: Prepare horizontal surfaces 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 substrate alkalinity falls within range on pH scale recommended by manufacturer in writing, but not less than 5 or more than 9 pH.
4. Moisture Testing: Proceed with installation only after substrates pass testing according to manufacturer's written recommendations, but not less stringent than the following:

    a. Perform anhydrous calcium chloride test according to 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 according to ASTM F 2170. Proceed with installation only after substrates have maximum 75 percent relative humidity level.

C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound; remove bumps and ridges to produce a uniform and smooth substrate.

D. Do not install resilient products until they are the same temperature as the space where they are to be installed.

1. At least 48 hours in advance of installation, move resilient products and installation materials into spaces where they will be installed.

E. Immediately before installation, sweep and vacuum clean substrates to be covered by resilient products.

3.3 RESILIENT BASE INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient base.

B. Apply resilient base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent fixtures in rooms and areas where base is required.

C. Install resilient base in lengths as long as practical without gaps at seams and with tops of adjacent pieces aligned.

D. Tightly adhere resilient base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.

E. Do not stretch resilient base during installation.

F. On masonry surfaces or other similar irregular substrates, fill voids along top edge of resilient base with manufacturer's recommended adhesive filler material.

G. Preformed Corners: Install preformed corners before installing straight pieces.

H. Job-Formed Corners:

1. Outside Corners: Use straight pieces of maximum lengths possible and form with returns not less than 3 inches (76 mm) in length.

a. Form without producing discoloration (whitening) at bends.
b. Inside Corners: Use straight pieces of maximum lengths possible and form with returns not less than 3 inches (76 mm) in length.
c. Miter or cope corners to minimize open joints.

3.4 RESILIENT ACCESSORY INSTALLATION

A. Comply with manufacturer's written instructions for installing resilient accessories.

B. Resilient Stair Accessories:

1. Use stair-tread-nose filler to fill nosing substrates that do not conform to tread contours.
2. Tightly adhere to substrates throughout length of each piece.
3. For treads installed as separate, equal-length units, install to produce a flush joint between units.

C. Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor covering that would otherwise be exposed.

3.5 CLEANING AND PROTECTION

A. Comply with manufacturer's written instructions for cleaning and protecting resilient products.

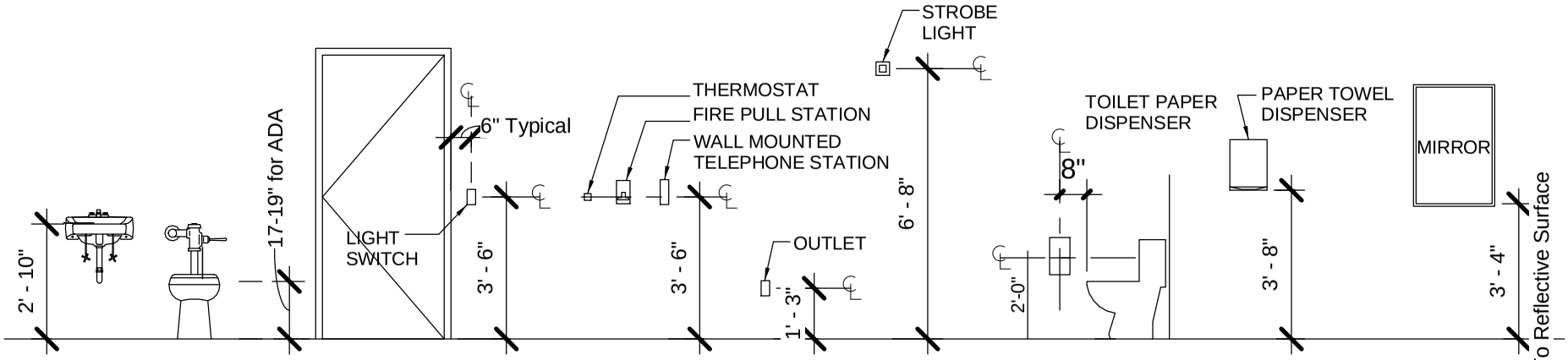
B. Perform the following operations immediately after completing resilient-product installation:

1. Remove adhesive and other blemishes from exposed surfaces.
2. Sweep and vacuum horizontal surfaces thoroughly.
3. Damp-mop horizontal surfaces to remove marks and soil.

C. Protect resilient products from mars, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.

D. Cover resilient products subject to wear and foot traffic until Substantial Completion.

END OF SECTION 096513



29 ADA Typical Mounting Heights

1/4" = 1'-0"

0' 4'

Reference Sheet A1.23

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BPSB Project No. CM1211A

Project No.
1303.02

Issue

Date
04/24/14

Sheet Title
ADA Mounting Heights

Sheet No.
AD1-1

ADDENDUM 1

Bossier Parish School Board
Airline High School – Phase I

PURTLE + ASSOCIATES, L.C.
Louisiana Registered Engineering Firm #2354

Purtle + Associates Job #13184

April 24, 2014

ELECTRICAL:

Plans:

Sheet MED1.01:

1. Change keyed note ED1 to read:
   "Disconnect and remove lighting fixtures under balcony. Remove conductors to source. Retain conduit for re-use."

Sheet MED1.02:

1. Change keyed note ED1 to read:
   "Disconnect and remove lighting fixture. Remove conductors to panel. Retain conduit for re-use."

Sheet MED1.03:

1. Change keyed note ED1 to read:
   "Disconnect and remove lighting fixture. Remove conductors to source. Retain conduit for re-use."
2. Clarification: Relocate ceiling mounted wireless data in lobby to new ceiling.
3. In Lobby G-128, relocate surface mounted conduits on ceiling to wall. Install high on wall and paint to match wall color.

Sheet MED1.04:

1. Delete keyed note ED2. Note ED2 is not used.
2. In Building D dining room, light fixtures shall be reference to keyed note ED5. Note ED5 shall read:
   "Disconnect and remove lighting fixtures, conduit, and conductors to source."

Sheet E1.01:

1. Change keyed note E1 to read:
   "Extend and connect to panel A. Locate dimmer switch in new switch bank adjacent to electrical panel."
2. Change keyed note E2 to read:
   "Provide new conductors and extend to source of power for exit/emergency lights."
3. In rooms A138 and A139, light fixtures R2 and R3 shall be circuited together and connected to panel B, circuit 28. Switch each room separately. Provide new switches.
4. Change keyed note E5 to read:
   "Interlock exhaust fan with room lighting circuit."
5. Change keyed note E9 to read:
   "6-gang dimmable swichbank for house lighting circuits."
6. Change keyed note E8 to read:
   "3 gang dimmable switch bank for fixtures T1 and T2. See sheet E1.02."

Sheet E1.02:

1. Change keyed note E1 to read:
   "Extend and connect to panel A. Switch each circuit separately. Provide a dimmer switch in new switch bank adjacent to electrical panel.
2. Add the following to keyed note E4:
   "Verify receptacle configuration with existing equipment."
3. Add the following to keyed note E5:
   "Suspend pipe batten with all thread supported at structure."
4. Fixtures C1 length shall be 14'-0". Install 12" above bottom of cove.
5. Provide junction boxes in new furred walls per attached sketch AD1E1 and AD1E2.

Sheet E1.03:

1. Change keyed note E9 to read:
   "Provide a 2000W inverter with 90 minute minimum battery pack for indicated circuit. Locate inverter in nearest electrical/mechanical closet." Inverter shall be wired so that loss of commercial power will energize lighting circuit.
2. In room G149, change R1 fixtures to fixture type R2.
3. Provide recessed junction box and conduit above ceiling for future fire alarm per sketches AD1E3, AD1E4 and AD1E5.

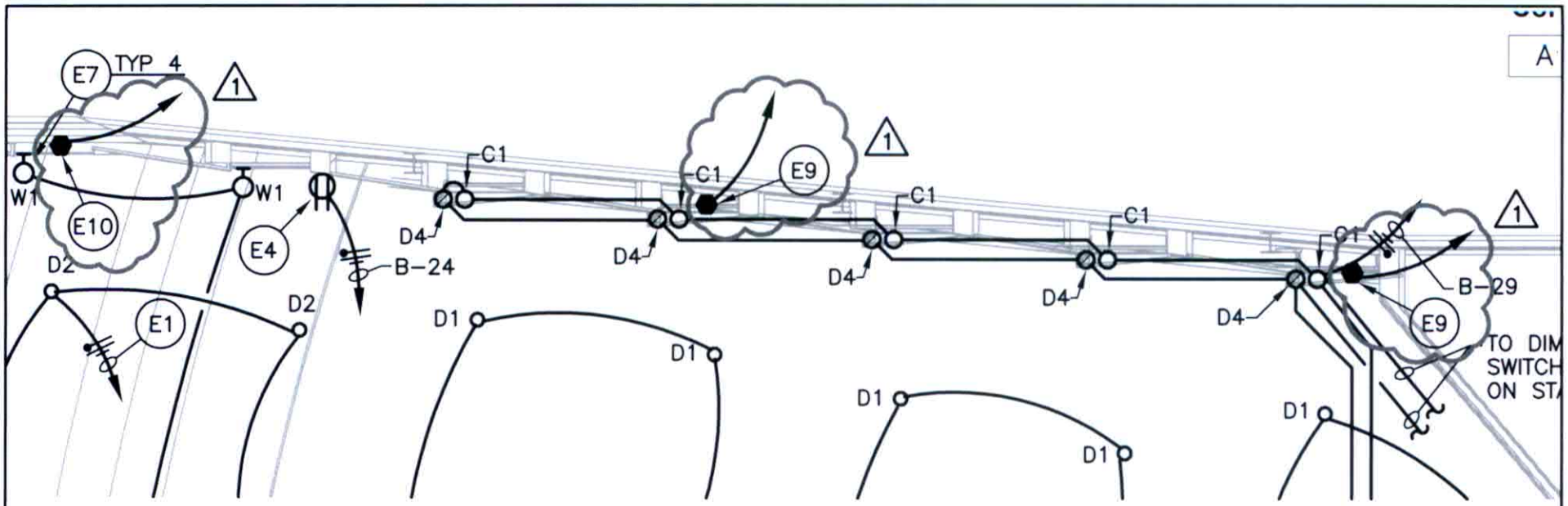
Sheet E1.04:

1. Change keyed note E2 to read:
   "Connect exit/emergency lighting fixture to unswitched conductors."
2. Lighting fixture circuits in indoor dining room D-100 shall be extended and connected to panel HK.
3. Extend and connect fixtures X1 to unswitched conductors of fixtures L1 and L2 circuit.
4. Revise keyed note E10 to say "Provide new switched for fixtures A2."
5. In room H105, change R1 fixtures to fixture type R2.

Sheet E2.01:

1. Panel B, circuit 28 shall read: "Lights".
2. Panel G3 shall read : "208Y/120V".
3. For lighting fixtures D1, D2, and D3, delete the word "CAP" from the description. These fixtures shall be dimmable and controlled by dimmer switches on stage.
4. Delete fixture type R1 from the Lighting Fixture Schedule.

END OF ADDENDUM



E9 PROVIDE A JUNCTION BOX 6" ABOVE BOTTOM OF WOOD FILLER PANEL. STUB UP INTO ACCESSIBLE CEILING SPACE FOR FUTURE FIRE ALARM. PAINT COVER TO MATCH SURROUNDINGS.

E10 PROVIDE A JUNCTION BOX +84"AFF WITH A 3/4"C STUB UP INTO ACCESSIBLE CEILING SPACE FOR FUTURE FIRE ALARM. COORDINATE LOCATION WITH LIGHT FIXTURE AND ARCHITECT. PAINT COVER TO MATCH SURROUNDINGS. 1

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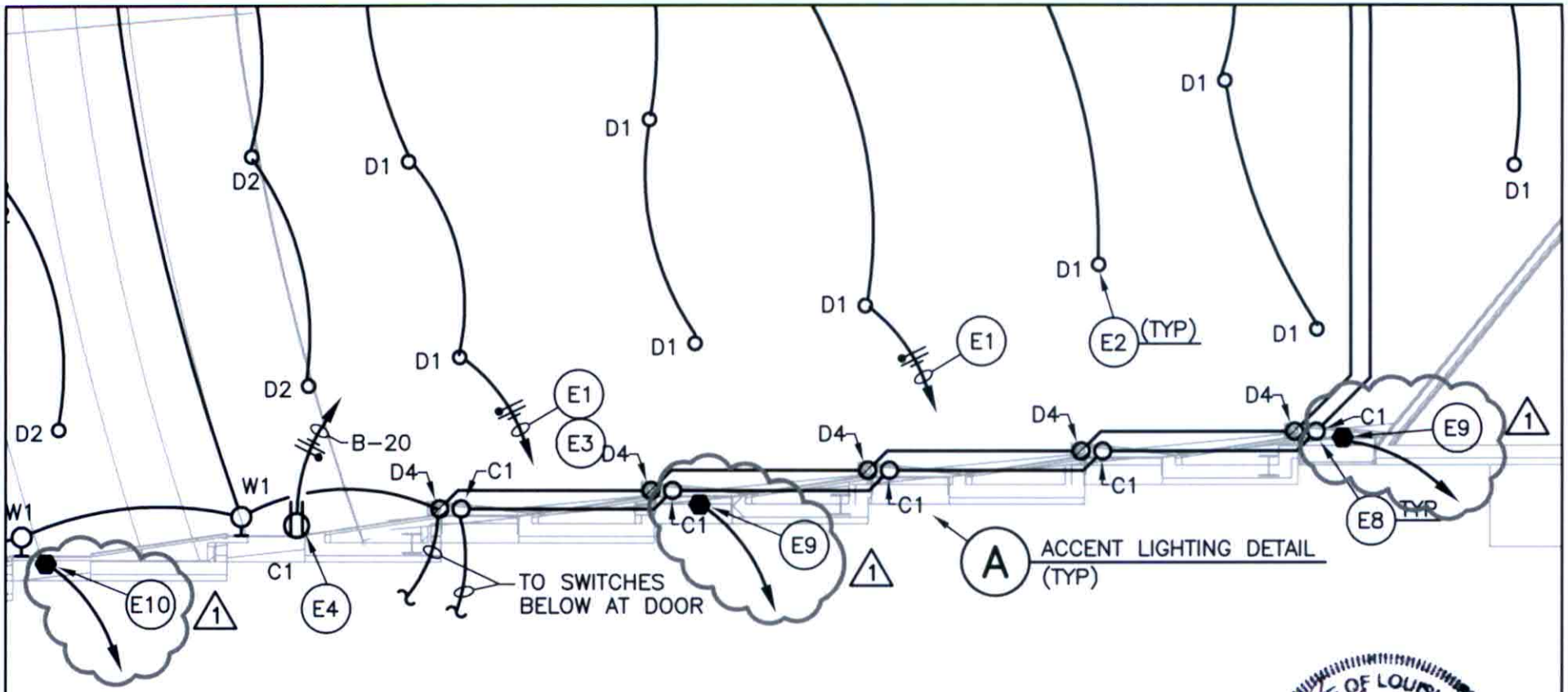
PROJECT NAME: AIRLINE HIGH IMPROVEMENTS

SHEET TITLE: BUILDING "A" - BALCONY FLOOR PLAN - ELECTRICAL

PROJECT #: PA-13184	DATE: 04-24-2014
ADDENDUM: AD1	SHEET: AD1E1 OF 5AD1E
SHEET REFERENCE: E1.02	SCALE: 1/8"=1'-0"



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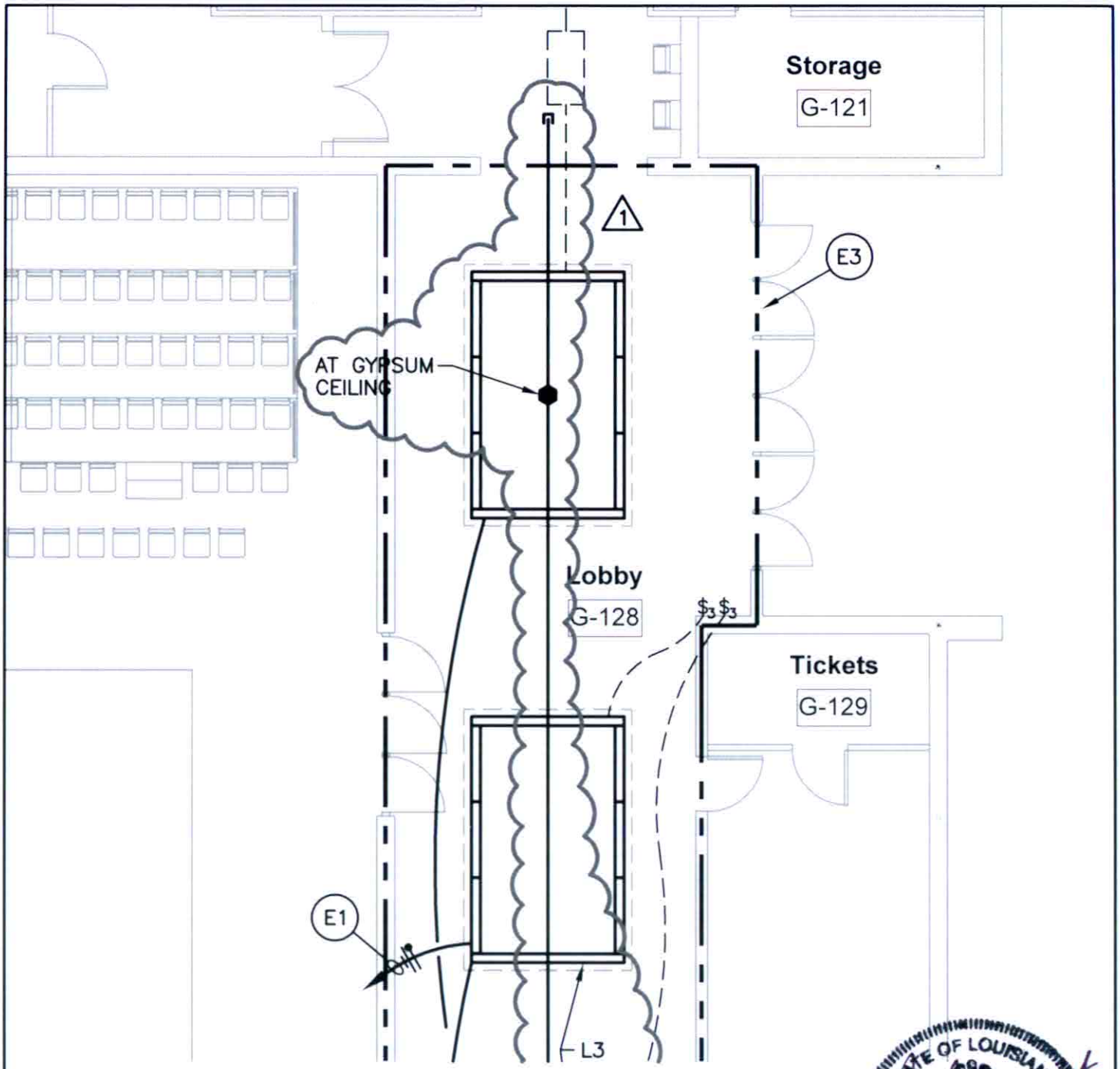
SHEET TITLE: BUILDING "A" - BALCONY FLOOR PLAN - ELECTRICAL

PROJECT #: PA-13184	DATE: 04-24-2014
ADDENDUM: AD1	SHEET: AD1E2 OF 5AD1E
SHEET REFERENCE: E1.02	SCALE: 1/8"=1'-0"



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E10 PROVIDE A RECESSED JUNCTION BOX IN CEILING. ROUTE CONDUIT ABOVE CEILING TO INDICATED AREA FOR FUTURE FIRE ALARM.

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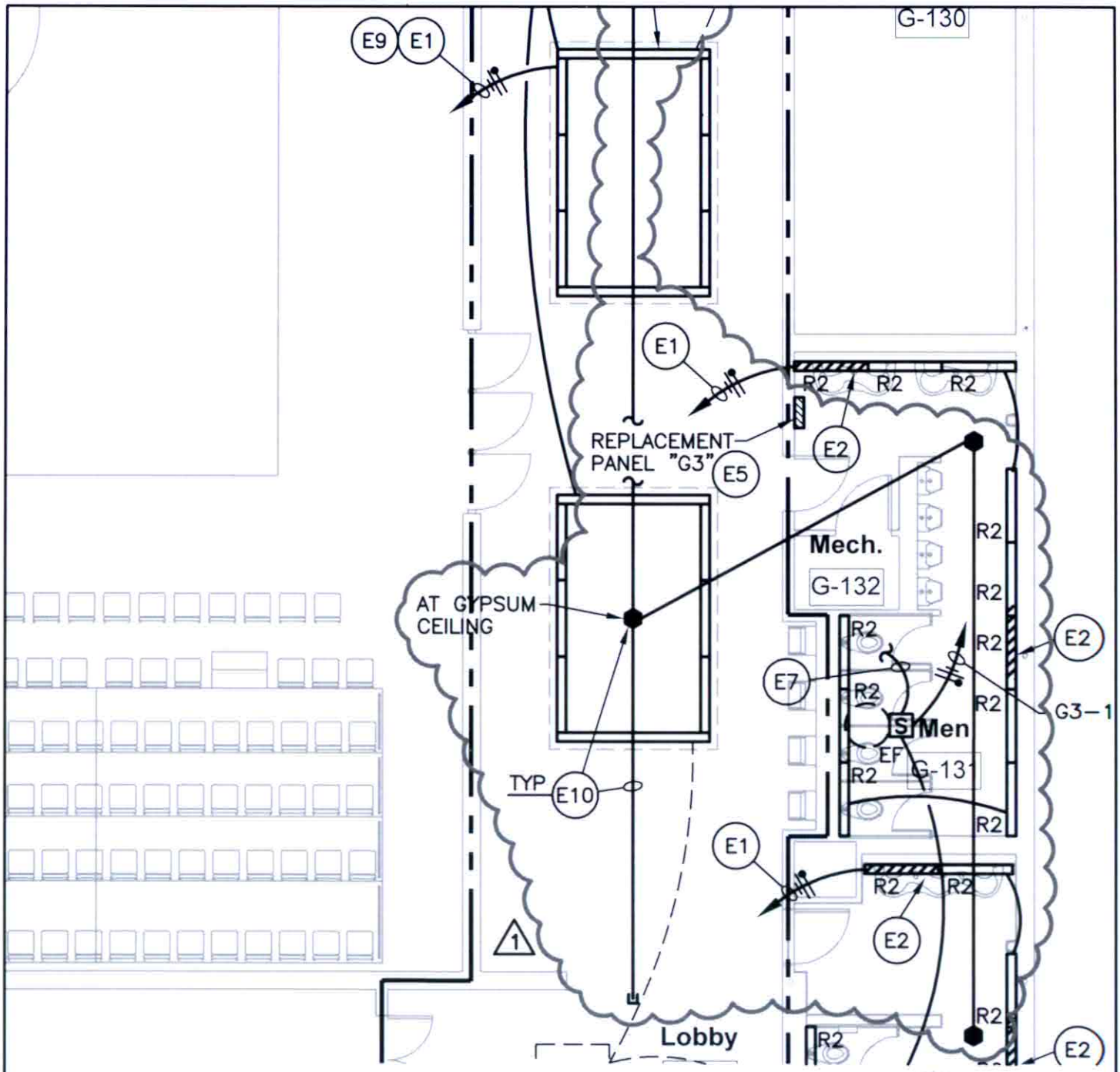
PROJECT NAME: AIRLINE HIGH IMPROVEMENTS

SHEET TITLE: BUILDING "G" - FLOOR PLAN - ELECTRICAL

PROJECT #: PA-13184	DATE: 04-24-2014
ADDENDUM: AD1	SHEET: AD1E3 OF 5AD1E
SHEET REFERENCE: E1.03	SCALE: 1/8"=1'-0"



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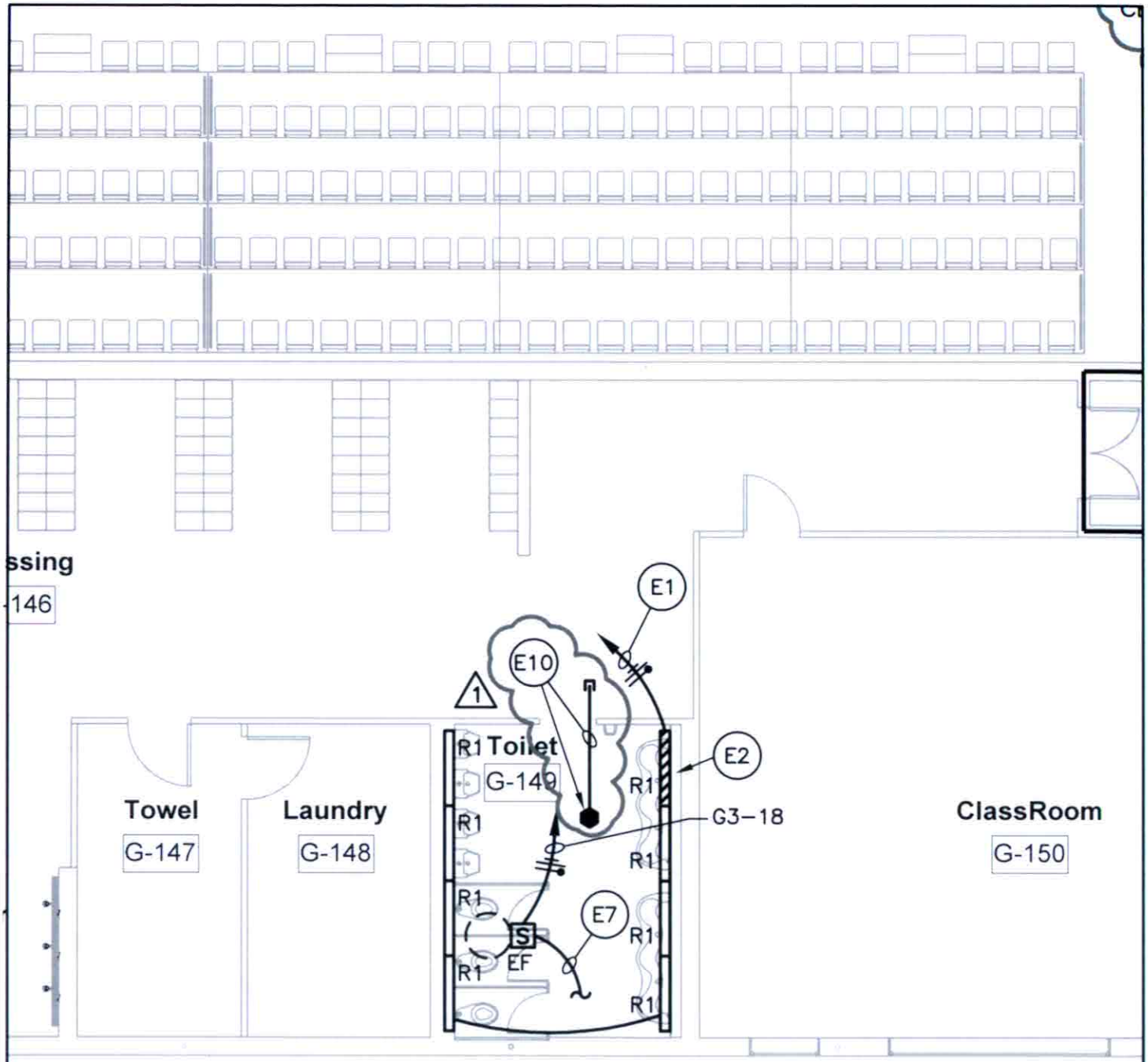
SHEET TITLE:
BUILDING "G" - FLOOR PLAN - ELECTRICAL

PROJECT #: PA-13184	DATE: 04-24-2014
ADDENDUM: AD1	SHEET: AD1E4 OF 5AD1E
SHEET REFERENCE: E1.03	SCALE: 1/8"=1'-0"



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ADDENDUM: AD1

SHEET: AD1E5 OF 5AD1E

SHEET REFERENCE: E1.03

SCALE: 1/8"=1'-0"