

ADDENDUM NUMBER 2
Prepared by
M. B. Kahn Construction Co., Inc.
Construction Management Division
Columbia, SC
The Boudreaux Group
Columbia, SC
Date of issue: February 8, 2012

The following items take precedence over the referenced portion of the bidding documents for the above referenced project and in executing a contract shall become part thereof.

ATTACHMENTS:

- No. 1 Addendum No. 2 with attachments by The Boudreaux Group, dated February 8, 2012, ten (10) pages

End of Addendum No. 2

ADDENDUM NUMBER TWO

for

**RCRC Headquarters and Maintenance Building
Project No.: R-715-10**

COLUMBIA, SOUTH CAROLINA

PREPARED BY:

The Boudreaux Group 1330 Lady Street Suite 500, Columbia, South Carolina 29201

DATE OF ISSUE: February 8, 2012

TO: ALL BIDDERS OF RECORD, CONSULTANTS, OWNER:

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM.

This addendum consists of 3 page and the following attachments:

| | |
|----------|---|
| 8.5 x 11 | Specification Section 122113 – Horizontal Louver Blinds |
| 8.5 x 11 | SK-L-4 |

I. Civil:

1. This project is not located within the city limits of Columbia, SC. However, water to the facility will be provided by the City of Columbia. All tap and other fees associated with connecting to the system to be paid by the owner (key note #14 on sheet C301).
2. Contractor shall coordinate with Donnie Way ((803) 788-1570) with East Richland County Public Service District to schedule inspections of sanitary sewer improvements. Contractor shall also determine all applicable sewer tap and impact fees and inform the architect of such fees. The Owner will pay for all sewer tap and impact fees

II. Architectural:

1. On sheet T1.1, the lift referenced in Add Alternate #3 should be a "scissor lift" per specification section 111300.
2. On sheet T1.1, the canopy referenced in Add Alternate #3 is further defined on AS1.1 under Site Plan Key Notes Item B. This calls out a basis of design for the canopy and a physical size.
3. On sheet AS1.1, site plan keynote B, the hydraulic lift referenced should be a "scissor lift" per

RCRC Headquarters and Maintenance Building

Addendum Number Two

Page 1 of 4

specification section 111300.

4. Detail 6/AS1.2 – Concrete Pad is referenced on Sheet MA1.1 under Floor Plan Keynotes “J”.
5. On sheet A4.1 on details 1, 2, 3 and 4, delete the following note “EIFS over 3” rigid drainable insulation panels, typ.” and replace with “*EIFS over (2) layers of 2” rigid drainable insulation panels, typ.*”.
6. On Detail 1/A6.2, per specification section 072419, the vapor barrier installed on the exterior side of the sheathing is the EIFS manufacturer’s standard water/weather-resistive barrier. We have not provided any specific requirements for this product. It should be selected and provided by the EIFS manufacturer. The back-up rigid insulation is to be provided by the General Contractor.
7. On Sheet A9.1, detail 6/A9.1, the insulation used in the cores of the CMU block should be Perlite loose-fill masonry insulation (this is basis of design product).
8. On detail 7/A9.1, refer to detail B/S4.1 for method of connecting the wood truss to the continuous steel plate on top of the masonry wall.
9. On sheet A9.1 under Exterior Finish Notes, change reference to vented vinyl soffit panels and vinyl fascia to be “*Vented Metal Soffit Panels and Metal Fascia.*”
10. On Sheet MA8.1, use the following as a specification for the sealer used for the sealed concrete slab: Clear, Waterborne sealing compound (ASTM C 1315, Type 1 Class A) (VOC Content: Sealing compounds shall have a VOC content of 200 g/L or less when calculated according to 40 CFR 59, Subpart D – EPA Method 24) provided by, but not limited to, one of the following manufacturers:

1. BASF Construction Chemicals - Building Systems; Kure 1315.
2. ChemMasters; Polyseal WB.
3. Conspec by Dayton Superior; Sealcure 1315 WB.
4. Edoco by Dayton Superior; Cureseal 1315 WB.
5. Kaufman Products, Inc.; Sure Cure 25 Emulsion.
6. Lambert Corporation; UV Safe Seal.
7. L&M Construction Chemicals, Inc.; Lumiseal WB Plus.
8. Meadows, W. R., Inc.; Vocomp-30.
9. Metalcrete Industries; Metcure 30.
10. Right Pointe; Right Sheen WB30.
11. Symons by Dayton Superior; Cure & Seal 31 Percent E.
12. Vexcon Chemicals, Inc.; Vexcon Starseal 1315.

III. Landscape/Irrigation:

1. Please see attached SK-L-4 clarifying the Bike Rack dimensions indicated on F/L-2 and also provides a plan layout.

IV. Structural:

1. At interior non-load bearing walls, fasten bottom plate to the slab using Hilti X-CP (or equal) power actuated fasteners at 32” o.c.
2. At the Maintenance Facility, note A/MS1.1 calls for foundations for the stair to be provided by the stair supplier. Foundation design is also by the stair supplier.

RCRC Headquarters and Maintenance Building

Addendum Number Two

Page 2 of 4

V. Electrical:

1. REFERENCE DRAWING E0.2 - In cull-de-sac, reroute the one 4" communication conduit between buildings slightly to the west so the existing cull-de-sac will not have to be cut and trenched. Relocate hand hole accordingly.
2. REFERENCE DRAWINGS E0.1, E0.2, ME1.3, and ME1.4 - For the Maintenance Building, change the main electrical service from 480/277v, 3 phase to 120/208v, 3 phase. Delete pad mounted transformer and associated pad and primary conduit. New 208v service shall be fed from pole mounted transformer bank (provided by SCE&G). Electrical Contractor shall provide secondary conduits (one set of 4-500kcmil in 3-1/2"C.) from dip pole (located approximately 30' feet away from north exterior wall of building) into main electrical panel. Provide metering enclosure on exterior north wall; meter shall be furnished by SCE&G. Service conductors/conduit shall enter metering enclosure and then be routed back underground to main electrical panel (service conduit shall NOT be routed overhead in building). Coordinate all service requirements with SCE&G. Change label of main panel from "MHA" to "MMA", change from 225 amp main breaker, 480/277v, 3 phase, 4wire to a 400 amp main breaker, 120/208v, 3 phase 4 wire. Panel shall be SE rated. Breaker on circuit 1,3,5 shall be changed from 100 amp to 225 amp, 3 pole and feeder shall be changed from ID#14 to ID#27 to feed panel "MLA" (instead of "MTA"). Breaker on circuit 7,9,11 shall be changed to 30 amp, 3 pole (for lift) and branch circuit changed from ID#2 to ID#5. Change 20 amp, 1 pole breakers on circuit 6 and 8 to 20 amp, TWO pole breakers for parking lot lighting (now 208v). Delete dry type transformer "MTA". Interior lighting shall be changed from 277v to 120v. Provide two 120v circuits for each 277v circuit shown. Exterior building mounted lighting shall be changed from 277v to 120v. Parking lot lighting shall be changed from 277v to 208v.
3. REFERENCE DRAWING ME1.5 - Add schedule for Lighting Control Panel "LCP1" as follows:

| | | |
|----------------|----------------|---------------------------|
| Relay 1 | Circuit MHA-2 | Interior Lighting |
| Relay 2 | Circuit MHA-4 | Storage Building Lighting |
| Relay 3 | Circuit MHA-6 | Parking Lot Lighting |
| Relay 4 | Circuit MHA-8 | Parking Lot Lighting |
| Relay 5 | Circuit MHA-10 | Exterior Lighting |
| Relay 6 thru 8 | | Spares |

Relay 4 shall be controlled by timeclock (integral to panel) and Relays 3 and 5 shall be controlled by photocell (for security and emergency egress). All other relays shall have night time sweeps every 2 hours

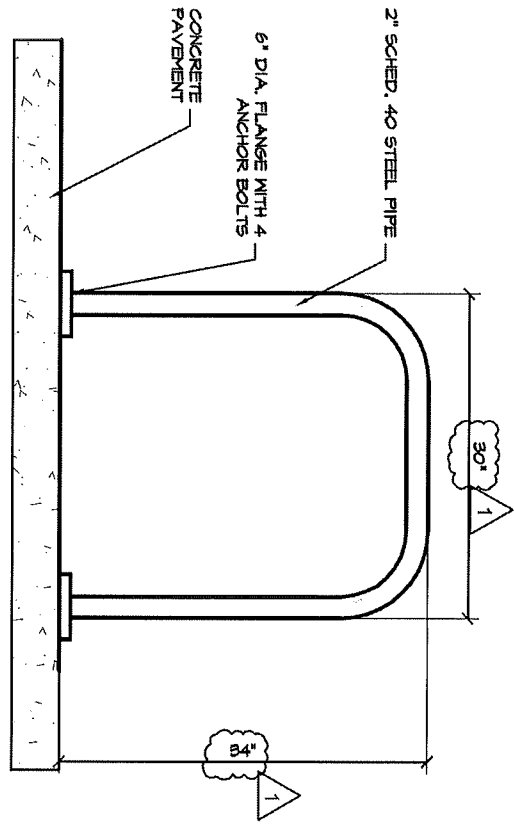
VI. Prior Approvals:

1. In specification section 089000 – Louvers, add “Pottorff” as an approved manufacturer.
2. In specification section 230010 – General Provisions HVAC , add “Q-Mark” as an approved manufacturer for Electric Wall Heaters and add “Vibro-Acoustics” as an approved manufacturer for seismic and vibration equipment.
3. Lighting Fixtures:

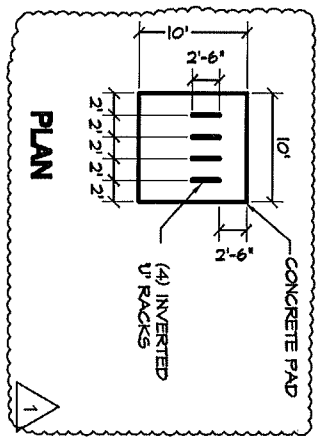
| Type | Manufacturer | Catalog Number |
|-------|---------------|--------------------------|
| A/AE | Lithonia | 2AV G 232 Series (EL14) |
| C | Lithonia | 2AV G 217 Series |
| H | Focal Point | FETS M1 2T5 Series |
| J | Axis Lighting | MBT S 4 T5 Series |
| K | Lithonia | C 232 Series |
| L | Lithonia | LB 232 Series |
| M | Lithonia | ALED 35/18 6AR 277 TRW |
| N/NE | Lithonia | AFV 26TRT Series (EL) |
| OA/OB | Visionaire | OSR-1 T5 320 PS Series |
| OC | Winona | Palm LED Series |
| P/PE | Lithonia | AFLP 1/26TRT Series (EL) |
| Q | Bega | L5316 26W CF |
| R | Visionaire | MHC-1 T3 32TTX2 Series |
| S | Lithonia | TL 232 Series |
| T/TE | Lithonia | IBZ 632 WGIBZ19 (EL14) |
| V | LumenPulse | LOG HO IP66 Series |
| X | Lithonia | LQM S W 3 R 120/277 ELN |

VII. Specifications:

1. Specification section 073113 – Asphalt Singles reference to Add Alternate #3 is incorrect. The asphalt shingles are used on the storage building as identified in *Add Alternate #1* (see sheet A9.1).
2. Wall and Roof Insulation is covered under specification section 072100 – Thermal Insulation.
3. The Standing Seam Metal Roof panels for both the Headquarters Building and the Maintenance Building are covered under specification section 133419 – Metal Building Systems under section 2.5.
4. See attached specification section 122113 – Horizontal Louver Blinds related to Add Alternate #4.
5. Section 1.4B under 107500 – Flagpoles, the drawings do not need to be sealed by a *South Carolina* engineer, but do need to be sealed by the qualified professional engineer responsible for their preparation.
6. Section 2.2 under Specification Section 042000 – Concrete Masonry Unit Weight Classification shall be “*Light-Weight.*”



INVERTED U' BIKE RACK
 SURFACE MOUNT
 BLACK POWDERCOAT FINISH
 PROVIDE (4) RACKS, MOUNTED 24" O.C. AT 10' WIDE PAD.
 MOUNT 30" FROM END OF PAD.
 MODEL BR-3 BY FAIRWEATHER SITE FURNISHINGS,
 800-925-1785
 OR APPROVED EQUAL



F
BIKE RACK
L-2
NOT TO SCALE

| | | | |
|---|---|-------------------------------|---------------------------------------|
| The Boudreaux Group <small>1313 Park Ave., Suite 2100 Atlanta, GA 30309 404.525.1100 404.525.1101 404.525.1102 404.525.1103 404.525.1104 404.525.1105</small> Interdisciplinary Design Architecture Interior Planning | THE DRAWING AND THE DESIGN THEREON ARE THE PROPERTY OF THE BOUDREAUX GROUP, INC. THE REPRODUCTION, COPYING, OR USE OF THIS DRAWING WITHOUT THE WRITTEN CONSENT OF THE BOUDREAUX GROUP, INC. IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION. | | REVISION NUMBER Addendum #2 |
| | PROJECT TITLE Richland County Recreation Comm. HEADQUARTERS/MAINT. BLDG. | ARCH. PROJECT NO. R-715-10 | DATE 2.7.12 |

SECTION 122113 - HORIZONTAL LOUVER BLINDS – ADD ALTERNATE #4

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. This Section includes the following:
 - 1. Horizontal louver blinds with aluminum slats.
- B. Related Sections include the following:
 - 1. Division 06 Section "Miscellaneous Rough Carpentry" for wood blocking and grounds for mounting horizontal louver blinds and accessories.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Show fabrication and installation details for horizontal louver blinds.
- C. Samples for Initial Selection: For each type and color of horizontal louver blind indicated.
- D. Window Treatment Schedule: For horizontal louver blinds. Use same designations indicated on Drawings.
- E. Maintenance Data: For horizontal louver blinds to include in maintenance manuals.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain horizontal louver blinds through one source from a single manufacturer.
- B. Product Standard: Provide horizontal louver blinds complying with WCSC A 100.1.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver horizontal louver blinds in factory packages, marked with manufacturer and product name, and location of installation using same designations indicated on Drawings and in a window treatment schedule.

1.6 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install horizontal louver blinds until construction and wet and dirty finish work in spaces, including painting, is complete and dry and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Where horizontal louver blinds are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication and indicate measurements on Shop Drawings. Allow clearances for operable glazed units' operation hardware throughout the entire operating range. Notify Architect of discrepancies. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

PART 2 - PRODUCTS

2.1 HORIZONTAL LOUVER BLINDS, ALUMINUM SLATS

- A. Manufacturers: Subject to compliance with requirements, provide product from one of the following manufacturers:
 - 1. Hunter Douglas
 - 2. Levolor, a Newell Rubbermaid Company
 - 3. Springs Window Fashions Division, Inc.
- B. Slats: Aluminum; alloy and temper recommended by producer for type of use and finish indicated; with crowned profile and radiused corners.
 - 1. Width: 1 inch (25 mm)]
 - a. Spacing: Not less than every 0.77 inch (19.5 mm)
 - 2. Thickness: Manufacturer's standard
 - 3. Finish: One color
 - a. Ionized Coating: Antistatic, dust-repellent, baked polyester finish.
- C. Headrail: Formed steel or extruded aluminum; long edges returned or rolled; fully enclosing operating mechanisms on three sides and end plugs and the following:
 - 1. Capacity: One blind per headrail.
 - 2. Integrated Headrail/Valance: Curved face.
 - 3. Light-blocking lower back lip.
 - 4. Tilt limiter with preselected degree settings.
- D. Bottom Rail: Formed-steel or extruded-aluminum tube, with plastic or metal capped ends top contoured to match crowned shape of slat with enclosed ladders and tapes to prevent contact with sill.

- E. Ladders: Evenly spaced to prevent long-term slat sag.
 - 1. For Blinds with Nominal Slat Width 1 Inch (25 mm) or Less: Braided string.
- F. Lift Cords: Manufacturer's standard.
- G. Tilt Control: Enclosed worm-gear mechanism slip clutch or detachable wand preventing overrotation, and linkage rod, and the following:
 - 1. Tilt Operation: Manual with cord-operated tilter.
 - 2. Length of Tilt Control: Full length of blind
 - 3. Tilt: Full.
- H. Lift Operation: Manual, top-locking cord lock; locks pull cord to stop blind in either fully opened or fully closed position only and is equipped with a ring pull not more than 4 inches (100 mm) long.
- I. Tilt-Control and Cord-Lock Position: Right and left side of headrail, respectively unless otherwise indicated.
- J. Valance: Manufacturer's standard
 - 1. Finish Color Characteristics: Match color, texture, pattern, and gloss of slats
- K. Mounting: As required for job conditions for head mounting permitting easy removal and replacement without damaging blind or adjacent surfaces and finishes; with spacers and shims required for blind placement and alignment indicated.
 - 1. Provide intermediate support brackets if end support spacing exceeds spacing recommended by manufacturer for weight and size of blind.
- L. Colors, Textures, Patterns, and Gloss: As selected by Architect from manufacturer's full range; as indicated on Finish Material Legend.

2.2 HORIZONTAL LOUVER BLIND FABRICATION

- A. Concealed Components: Noncorrodible or corrosion-resistant-coated materials.
 - 1. Lift-and-Tilt Mechanisms: With permanently lubricated moving parts.
- B. Unit Sizes: Obtain units fabricated in sizes to fill window and other openings as follows, measured at 74 deg F (23 deg C):
 - 1. Blind Units Installed between (inside) Jambs: Width equal to 1/4 inch (6 mm) per side or 1/2 inch (13 mm) total, plus or minus 1/8 inch (3.1 mm), less than jamb-to-jamb dimension of opening in which each blind is installed. Length equal to 1/4 inch (6 mm), plus or minus 1/8 inch (3.1 mm), less than head-to-sill dimension of opening in which each blind is installed.

- C. Installation Brackets: Designed for easy removal and reinstallation of blind, for supporting headrail, valance, and operating hardware, and for hardware position and blind mounting method indicated.
- D. Installation Fasteners: No fewer than two fasteners per bracket, fabricated from metal noncorrosive to blind hardware and adjoining construction; type designed for securing to supporting substrate; and supporting blinds and accessories under conditions of normal use.
- E. Color-Coated Finish:
 - 1. Metal: For components exposed to view, apply manufacturer's standard baked finish complying with manufacturer's written instructions for surface preparation including pretreatment, application, baking, and minimum dry film thickness.
- F. Component Color: Provide rails, cords, ladders, and exposed-to-view metal and plastic matching or coordinating with slat color, unless otherwise indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install horizontal louver blinds level and plumb and aligned with adjacent units according to manufacturer's written instructions, and located so exterior slat edges in any position are not closer than 1 inch (25 mm) to interior face of glass. Install intermediate support as required to prevent deflection in headrail. Allow clearances between adjacent blinds and for operating glazed opening's operation hardware if any.
- B. Head Mounted: Install headrail on face of opening head.

3.3 ADJUSTING

- A. Adjust horizontal louver blinds to operate smoothly, easily, safely, and free of binding or malfunction throughout entire operational range.

3.4 CLEANING AND PROTECTION

- A. Clean horizontal louver blind surfaces after installation, according to manufacturer's written instructions.

- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that horizontal louver blinds are without damage or deterioration at time of Substantial Completion.
- C. Replace damaged horizontal louver blinds that cannot be repaired, in a manner approved by Architect, before time of Substantial Completion.

END OF SECTION 122113