



BIDDING AND CONTRACT DOCUMENTS

Document 00 9111 - Addendum #1

CHAMPAIGN COUNTY JAIL CONSOLIDATION
502 S. Lierman Ave.
Urbana, IL 61802

RRCo Project Number: 202190

DATE 10/18/22

Reifsteck Reid & Company Architects
909 Arrow Road
Champaign, Illinois 61821

Subject: **ADDENDUM NO. 1 TO THE CONTRACT DOCUMENTS FOR
CHAMPAIGN COUNTY JAIL CONSOLIDATION**

This Addendum forms a part of the contract and contract documents and modifies the original contract documents dated 27SEP22. Acknowledge receipt of this addendum in space provided on Bid Form.

Clarifications

- Item 1** The contract time has not been established within the bid documents, but it will be included in the Agreement between the Owner and Contractor when it is written. The Notice of Award is assumed to be approved in early December. It has been assumed by the design team and the Owner that a construction period of approximately 18 months will be required to complete the project.
- Item 2** Section 00 2113 – Instructions to Bidders: Paragraph 5.01 refers to qualifications which apply to the Detention Equipment Contractor, not the General Contractor.
- Item 3** The liquidated damages that are described at item “(8) Remedies” of the “PLA-Related Contract Terms” are solely regarding the Equal Opportunity (EO) requirements of Article 14 of the Project Labor Agreement (PLA). As stated in that part of the document, “The words used herein and the requirements shall be interpreted in accordance with and have the meaning ascribed to them as set forth in Article 14 of the Project Labor Agreement.” The liquidated damages apply if the contractor does not comply with the Article 14 EO requirements of the PLA after they’ve signed the contract with the County, during the entire construction period. The liquidated damages in the PLA are a separate issue from the forfeiture of security deposit referenced in section 1.06 of the Bid Form.
- Item 4** Contractors performing work inside the existing building will be required to pass a

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security check. These security checks will be performed by the Owner.

- Item 5** All tools and materials that will be needed to be used in the secure parts of the building will need to be inventoried. Please only bring into the secure parts of the building what is absolutely necessary for the work at hand so there is less to inventory.
- Item 6** In reference to work times, the inmates are required to have 8 hours of interrupted sleep per Jail Standards so depending on the specific location being renovated there may be some limitations to the work schedule. A work plan will need to be coordinated with the Jail staff when the construction schedule is being created.
- Item 7** In reference to constraints while working inside the existing Jail, it depends on the specific work being performed and the location of such work. For example, for work in the main corridors and pods an escort will be assigned to the contractor.
- Item 8** All shower units shall have sloped concrete floors sloping to the drain, with epoxy floor finish. Preformed shower pans are not specified nor required.

Amendments to the Drawings

- Item 9** **ADD** the following sheets to the drawing set: Sheet G201 – ComCheck, Sheet G202 – ComCheck, Sheet G203 – ComCheck, and Sheet G204 – ComCheck.
- Item 10** Sheet AD101: This drawing has been reissued in its entirety.
- Item 11** Sheet AD201: This drawing has been reissued in its entirety.
- Item 12** Sheet AD900: This drawing has been reissued in its entirety.
- Item 13** Sheet A111: This drawing has been reissued in its entirety.
- Item 14** Sheet A112: This drawing has been reissued in its entirety.
- Item 15** Sheet A113: This drawing has been reissued in its entirety.
- Item 16** Sheet A121: This drawing has been reissued in its entirety.
- Item 17** Sheet A122: This drawing has been reissued in its entirety.
- Item 18** Sheet A211: This drawing has been reissued in its entirety.
- Item 19** Sheet A212: This drawing has been reissued in its entirety.
- Item 20** Sheet A213: This drawing has been reissued in its entirety.
- Item 21** Sheet A301: This drawing has been reissued in its entirety.
- Item 22** Sheet A302: This drawing has been reissued in its entirety.
- Item 23** Sheet A401: This drawing has been reissued in its entirety.

- Item 24** Sheet A501: This drawing has been reissued in its entirety.
- Item 25** Sheet A511: This drawing has been reissued in its entirety.
- Item 26** Sheet A601: This drawing has been reissued in its entirety.
- Item 27** Sheet A603: This drawing has been reissued in its entirety.
- Item 28** Sheet A701: This drawing has been reissued in its entirety.
- Item 29** Sheet A721: This drawing has been reissued in its entirety.
- Item 30** Sheet A801: This drawing has been reissued in its entirety.
- Item 31** Sheet A802: This drawing has been reissued in its entirety.
- Item 32** Sheet A803: This drawing has been reissued in its entirety.
- Item 33** Sheet A911: This drawing has been reissued in its entirety.
- Item 34** Sheet A912: This drawing has been reissued in its entirety.
- Item 35** Sheet A921: This drawing has been reissued in its entirety.
- Item 36** Sheet A922: This drawing has been reissued in its entirety.
- Item 37** Sheet QD111: This drawing has been reissued in its entirety.
- Item 38** Sheet QD112: This drawing has been reissued in its entirety.
- Item 39** Sheet QD113: This drawing has been reissued in its entirety.
- Item 40** Sheet QD601: This drawing has been reissued in its entirety.
- Item 41** Sheet QD602: This drawing has been reissued in its entirety.
- Item 42** Sheet QD701: This drawing has been reissued in its entirety.
- Item 43** Sheet QD801: This drawing has been reissued in its entirety.
- Item 44** Sheet QD802: This drawing has been reissued in its entirety.
- Item 45** Sheet QD803: This drawing has been reissued in its entirety.
- Item 46** Sheet QD806: This drawing has been reissued in its entirety.
- Item 47** Sheet QD807: This drawing has been reissued in its entirety.
- Item 48** Sheet P301:
- A. **REVISE** P-1, P-2, and P-3 to 12-gauge stainless steel in lieu of 14-gauge.

B. **CLARIFICATION** P-1, P-2, AND P-3 shall be ligature resistant.

Item 49 Sheet V111: **REVISE** duct drops for MAU-1. See attached sheet.

Item 50 Sheet V112:

A. **REVISE** ductwork in 154 – Storage and add insulation notes. See attached sheet.

B. **REVISE** duct drops for MAU-2. See attached sheet.

Amendments to the Specifications

Item 51 Section 00 7300 – Supplementary Conditions, Paragraph 1.04.S.1: **REVISE** to read:

1. The Contractor shall be responsible for obtaining and paying for the Building Permit. The Owner will obtain and pay for the Urbana Fire Department Fire Prevention Permit, the Urbana & Champaign Sanitary District's Interceptor Cost Recovery Fee and Connection Permit, and the Illinois Environmental Protection Agency (IEPA) SWPPP Land Disturbance application and the IEPA Sanitary Sewer Application fee. Any other permits necessary for construction of the project shall be paid for by the appropriate contractor.

Item 52 Section 04 2000 – Unit Masonry: **ADD** 2.02.A.5 to the list of approved manufacturers:

5. Endicott Clay Products Co: www.endicott.com.

Item 53 Section 12 5500, Paragraph 2.01.B: **ADD** "6-Man Pedestal Dayroom Table" to the description in addition to the 4-Man Pedestal Dayroom Table. Construction information listed under the heading remains the same.

Item 54 Section 22 0719 – Plumbing Piping Insulation, Paragraph 3.13-B.: **CLARIFICATION**: Piping, exposed is to include PVC jacket for all exposed piping in interior rooms, such as Storage / Janitor 149, Mechanical 155, Fiber 155A. The piping in mechanical chase behind cell blocks and located above cells do not require PVC jacket.

Item 55 Section 22 4600 – Security Plumbing Fixtures, Paragraph 2.3-A.2.:

- A. **REVISE** Materials to 12-gauge in lieu of 14-gauge.
- B. **ADD** option for clothes hooks on fixture.
- C. **CLARIFY** all security fixtures shall be ligature resistance.

Item 56 Section 23 0700 – HVAC Insulation

A. Paragraph 2.1-I.: **ADD** to read as follows:

I. Equipment – Geothermal System

1. Insulate the following equipment with 1" thick layer of fire retardant elastomeric insulation having a flame-spread rating of less than 25 in accordance with the latest NFPA standards.

ITEMS

Geothermal Water Pumps
Geothermal Water Strainers
Geothermal Air Separator
Geothermal Expansion Tank

2. Insulation shall be applied with a full coating of adhesive, as recommended by the manufacturer.
3. The insulation on all pumps and strainers shall be easily removable for service.
4. Do not use elastomeric on surfaces that exceed 120°F.

B. Paragraph 3.3-G.: **ADD** to read as follows:

G. Unfinished spaces include mechanical rooms and mechanical chases.

Item 57 Section 23 7443 – Packaged Outdoor Heating and Cooling Makeup Air Conditioners, Paragraph 2.2-A.: **REVISE** to read “Construction: Double Wall 1” Insulated.”

This addendum consists of 5 pages and 45 attachments.

END 00 9111

COMcheck Software Version 4.1.5.5
Envelope Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Champaign County Jail Consolidation
Location: Urbana, Illinois
Climate Zone: 5a
Project Type: Addition
Vertical Glazing / Wall Area: 9%
Skylight / Roof Area: 1%

Construction Site: 502 S. Lierman Ave., Urbana, IL 61802
Owner/Agent: Champaign County
Designer/Contractor: Reiffsteck Reid & Co. Architects
909 Arrow Road
Champaign, IL

Building Area	Floor Area
1-Gross (Penitentiary) : Nonresidential	28731

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{req}
Roof 1: Insulation Entirely Above Deck, [Bldg. Use 1 - Gross]	28731	---	31.5	0.031	0.032
Skylight 1: Metal Frame with Thermal Break/Plastic, With Curb, Perf. Specs.: Product ID Skylight, Allowance: Above daylight zone with daylight responsive controls, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	333	---	---	0.710	0.750
Floor 1: Slab-On-Grade/Unheated, Vertical 2 ft., [Bldg. Use 1 - Gross] (c)	836	---	10.0	0.540	0.540
NORTH					
North Elev 3": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	1972	---	14.1	0.061	0.090
North Elev 2": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	906	---	9.4	0.086	0.090
Window, North: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Windows, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	103	---	---	0.380	0.380
Window, North - Detention: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Detention, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	60	---	---	0.400	0.380
Door, North: Insulated Metal, Swinging [Bldg. Use 1 - Gross]	91	---	---	0.700	0.370
EAST					
East Elev 3": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	2654	---	14.1	0.061	0.090
East Elev 2": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	826	---	9.4	0.086	0.090
Window, East: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Windows, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	147	---	---	0.380	0.380
Window, East - Detention: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Detention, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	13	---	---	0.400	0.380

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Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor _{req}
Door, East: Insulated Metal, Swinging, [Bldg. Use 1 - Gross]	61	---	---	0.700	0.370
SOUTH					
South Elev 3": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	2214	---	14.1	0.061	0.090
South Elev 2": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	762	---	9.4	0.086	0.090
Window, South: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Windows, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	80	---	---	0.380	0.380
Window, South - Detention: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Detention, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	20	---	---	0.400	0.380
Door, South: Insulated Metal, Swinging [Bldg. Use 1 - Gross]	90	---	---	0.700	0.370
WEST					
West Elev 3": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	2110	---	14.1	0.061	0.090
West Elev 2": Concrete Block 8", Partially Grouted, Cells Empty, Normal Density, Furring: None, [Bldg. Use 1 - Gross]	1064	---	9.4	0.086	0.090
Window, West: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Windows, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	160	---	---	0.380	0.380
Window, West - Detention: Metal Frame with Thermal Break/Fixed, Perf. Specs.: Product ID Detention, SHGC 0.30, [Bldg. Use 1 - Gross] (b)	93	---	---	0.400	0.380

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.
(c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Envelope PASSES: Design 8% better than code		
Envelope Compliance Statement		
Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.		
Chris _____	Signature	Date

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COMcheck Software Version 4.1.5.5
Inspection Checklist

Energy Code: 2018 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 (F03)1	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.1 (PR10)1	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.1.2 (PR13)1	A maximum of 5 percent of roof area is permitted to be skylight area provided daylight responsive controls are installed in daylight zones under skylights.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.2 (PR14)1	In enclosed spaces > 2,500 ft ² directly under a roof with ceiling heights > 15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C402.4.2 (PR15)1	Skylights in office, storage, automotive service, manufacturing, non-refrigerated warehouse, retail store, and distribution/sorting area have a measured haze value > 90 percent unless designed to exclude direct sunlight.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C406 (PR9)1	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req. ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 (F04)1	Slab edge insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.2.1 (F06)1	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C105 (F03)1	Installed slab-on-grade insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.4 (F07)1	Slab edge insulation depth/length. Slab insulation extending away from building is covered by pavement or >= 10 inches of soil.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply. See the Envelope Assemblies table for values.

Additional Comments/Assumptions:

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Section # & Req. ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 (FR12)1	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.1.3 (FR13)1	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.4.3 (FR10)1	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3 (FR11)1	Skylight SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3.4 (FR8)1	Installed vertical fenestration U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3.4 (FR9)1	Installed skylight U-factor and SHGC consistent with label specifications and as reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.7 (FR17)1	Vestibules are installed on all building entrances. Doors have self-closing devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req. ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.5.3 (ME3)1	Stair and elevator shaft vents have motorized dampers that automatically close. Reference section C403.7.7 for operational details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C403.7.7 (ME5)1	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed. Reference section language for operational details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. Location on plans/spec: Spec section 23 7433

Additional Comments/Assumptions:

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Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.6 (EL16)1	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.7 (EL17)1	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.8.2.1 (EL28)1	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.9 (EL29)1	Total voltage drop across the combination of feeders and branch circuits <= 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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Section # & Req. ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 (IN3)1	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <=3 in 12.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.2.1 (IN20)1	Insulation installed on a suspended ceiling having ceiling tiles is not being specified for r/o/ceiling assemblies. Continuous insulation board installed in 2 or more layers with edge joints offset between layers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.1 (IN10)1	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.2 (IN7)1	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C303.2.1 (IN14)1	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C402.2.1 (IN4)1	Skylight curbs are insulated to the level of roofs with insulation above deck or R-5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C105 (IN6)1	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.3 (IN8)1	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 (IN18)1	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C105 (IN2)1	Installed roof insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports. For some ceiling systems, verification may need to occur during Framing Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 (IN1)1	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

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Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C402.5 (F55)1	Building envelope contains a continuous air barrier that has been tested and deemed to limit air leakage <= 0.40 cm ² /m ² .	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C402.5.6 (F57)1	Weatherseals installed on all loading dock cargo door openings and provide direct contact along the top and sides of vehicles parked in the doorway.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C408.1.1 (F157)1	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Champaign County Jail Consolidation
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COMcheck Software Version 4.1.5.5
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: Champaign County Jail Consolidation
Project Type: Addition

Construction Site: 502 S. Lierman Ave., Urbana, IL 61802
Owner/Agent: Champaign County
Designer/Contractor: Reiffsteck Reid & Co. Architects
909 Arrow Road
Champaign, IL

Allowed Interior Lighting Power		B	C	D
Area Category		Floor Area (ft ²)	Allowed Watts / ft ²	Allowed Watts (B X C)
1-Gross (Penitentiary)		28731	0.75	21548
		Total Allowed Watts = 21548		
Proposed Interior Lighting Power		B	C	D
Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast		Lamps / Fixture	# of Fixtures	Watt. (C X D)
1-Gross (Penitentiary)				
L1: Other:		1	15	62
L2: Other:		1	60	74
L3: Other:		1	23	28
L4: Other:		1	10	28
L5: Other:		1	3	74
L6: Other:		1	223	45
L8: Other:		1	22	39
L9: Other:		1	45	33
L10: Other:		1	112	23
		Total Proposed Watts = 21470		

Interior Lighting PASSES: Design 0.4% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Kyle Wikoff - Electrical Designer
Name - Title
Signature
Date: 9/30/2022

Kyle Wikoff
Signature
Date: 9/30/2022

Project Title: Champaign County Jail Consolidation
Data filename: H:\GHR Projects\7432 - Champaign County - Satellite Jail - Consolidation\COMCHECK\202190 Champaign County Jail Consolidation Lights.cck
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These drawings and specifications are the property and copyright of Reiffsteck Reid & Company. Architects and shall not be used on any other work except by written agreement with the Architect. Only written dimensions shall be used. Do not scale drawings. Dimensions shall be verified on the job site. Any discrepancy shall be brought to the notice of the Architect prior to the commencement of any work.

REVISIONS	No.	Date	Description
	1	10/1/2022	ADDENDUM #1

NO CHECKLIST ITEMS THIS PAGE

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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NO CHECKLIST ITEMS THIS PAGE

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ITB#2022-009 Satellite Jail Consolidation Project

CHAMPAIGN COUNTY
SATELLITE JAIL - JAIL CONSOLIDATION

502 S Lierman Ave
Urbana, IL 61802

ISSUED FOR BIDDING

COMCHECK

DATE
27SEP22
PROJECT
202190

SHEET
G201

