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February 24, 2017 (Revised 03-11-2017)

Salt Lake County
Planning & Development
2001 South State Street
Salt Lake City, Utah 84190

RE: Brighton Recovery Campus
Plan Review Comment Responses
Building 'B'
4911 South 900 East
Salt Lake County, Utah

CODE REVIEW COMMENT RESPONSES:

A1. Sheet A0.1

- A. Please refer to Sheet A0.1, for updated building code summary, concerning Change of Occupancy.
- B. Please refer to Sheet A0.1, for Condition 1 requirement clarification.
- C. The Table 1017.2 note, was taken from the 2015 International Building Code, for Corridor Exit Travel Distance. Not certain what is meant by "incorrect section", since it is clearly called out in the Code. But for clarification purposes, it has been removed from the project Code Information.
- D. Please refer to Sheet A0.1, for note showing the Sprinkler system to be NFPA 13. It is also called out clearly on Sheet P02 of the original submitted Construction Documents.

A2. Sheet A1.1

- A. Please refer to Sheet A1.1 for all property line call-outs.
- B. Please refer to Sheet A1.1 for location of imaginary lines between the existing buildings. The imaginary lines are the property lines around each building. Dimensions are shown on this sheet, showing the approximate distance between the existing buildings, and the approximate distance between the roof overhangs.
- C. Please refer to sheet A1.1, and item B above for clarification of distance between existing buildings.
- D. Please refer to Sheet A1.1, and item B above for clarification of distance between existing roof eaves.
- E. Please refer to Sheet A1.1, clouded notes, for new one hour fire rated wall assembly at existing walls located adjacent to other existing buildings, existing building roof overhangs, and existing breezeway roof structures.
- F. Please refer to Sheet A0.1, Title Sheet, and Sheet A1.1, Site Plan, for location of existing breezeways, and clarification notes for fire rated walls, and fire sprinkling systems at existing roof overhangs and breezeway structures.
- G. I. Please refer to sheet A1.1, Site Plan, for new note stating verification of existing sidewalk, and modifications if required.

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- II. Please refer to Sheet A1.1, Site Plan, showing that the parking spaces and access aisles are designed so that cars and vans, when parked, will not obstruct the required clear width of the adjacent accessible routes.
 - III. There are no locations along the accessible routes where edge protection may be required.
 - H. Please refer to Sheet A1.1 for new accessible route from building complex, to existing sidewalk, adjacent to 900 east street. This existing sidewalk is the route taken to public transportation stops.
 - I. I. Please refer to Sheet A1.1 for calculations concerning percentage of number of ADA accessible stalls within parking lot.
 - a. Please refer to sheet A1.1 for ADA parking stalls below existing parking canopy roof.
 - II. Please refer to Sheet A1.1 for identification of the Van Accessible ADA parking stalls.
 - a. The van parking stalls and the vehicular route to and from the stalls have a clear vertical clearance of 8'-2". Stalls are parked outside, and not within a parking garage.
 - III. Please refer to Sheet A1.1 for dimensions concerning the Van Accessible stalls.
 - IV. Please refer to Sheet A1.1 for access aisle layouts for adjacent accessible parking stalls. Dimensions, and markings meet section 502.4 and ICC a117.1 requirements. Also the access aisles do not overlap the vehicular way, and are located on an accessible route.
 - V. Please refer to Sheet A1.1, and Sheet C100 for relocation of grease interceptor and sampling manhole away from accessible parking stalls.
 - VI. Please refer to Sheet A1.1, for new note concerning required slope at accessible parking stalls and aisles.
 - VII. Please refer to Sheet A1.1, for ADA sign detail. "van accessible" note added to detail.
- A3. Sheet A2.2
- A. Please refer to clouded note on sheet A2.2 concerning fire extinguisher cabinets.
 - B. Please refer to sheet A0.1, Title Sheet, for notes concerning 30 minute fire construction rating of new interior walls, per IBC 420.2, 310.6, and 708.3.2. 1 hour fire rated wall construction is not required in a building with an approved automatic sprinkler system.
 - I. Please refer to Sheet A2.2 for 30 minute fire rated walls and ceiling constructions.
 - II. Please refer to Sheets A2.2 and A8.1, for fire rated partition and ceiling assembly listings & detail.
 - III. Please refer to New Sheet A8.2, for penetration details.
 - IV. Please refer to sheet A2.2 for fire rating of doors in fire partitions.
 - V. Please refer to Mechanical engineering review comment responses, and Mechanical drawings for protection of ducts in fire rated assemblies.
 - C. I. Please refer to Sheets A2.2 and A2.2A, for clarification of (1) ADA sleeping unit located in each group of 8 sleeping units (2) ADA units in Building 'B'.

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- II. Units within this building are classified at Type 'B' units.
- D. Accessible Type Units.
 - I. Please refer to sheet A2.2 and A2.2A for the turning space in each accessible unit.
 - II. Please refer to Sheet A2.2 and A2.2A for accessible doors & sufficient maneuvering clearances.
 - III. Please refer to New Sheet A8.2 for mounting heights, etc., including switches and receptacles.
 - IV. The bathroom for accessible type sleeping units.
 - a. Please refer to sheets A2.2 and A2.2A, for for vanity counter size.
 - b. Please refer to sheet A8.2 for mirror heights.
 - c. Please refer to sheet A8.2 for lavatory mounting height, knee and toe clearances.
 - V. Please refer to sheet A2.2 & A8.2 for accessible reach range in ADA closets. Sheet A2.2 shows dimensions for 4'-0" deep closet.
 - VI. Please refer to sheet A2.2 for accessible beds in ADA sleeping units.
- E. Type 'B' Sleeping Units:
 - I. Please refer to Sheet A2.2 and A2.2A for accessible doors & sufficient maneuvering clearances.
 - II. Please refer to New Sheet A8.2 for mounting heights, etc., including switches and receptacles.
 - III. Please refer to sheet A2.2 for note concerning reinforcement at grab bars.
 - IV. Please refer to sheets A2.2, A2.2A, and A8.2 for clearances at lavatories.
 - V. Please refer to sheets A2.2, and A2.2A for clearance at water closets and vanities.
 - VI. Please refer to sheets A2.2, and A2.2A for clearances at showers.
- A4. Sheet A2.2 & A2.2A: Please refer to Sheet A8.1 for roof access ladder & attic access opening details. There is no roof hatch. Only a ¾" plywood platform leading from the access ladder to the existing opening in the mechanical roof well.
- A5. Sheet A2.2A & A2.2B: refer to sheet A8.1 for dropped ceiling details. From my understanding, and research, fire blocking is not required where an NFPA 13 fire sprinkling system is provided.
- A6. Please refer to Sheet A2.2C for corrections concerning doors in separation walls.
- A7. Please refer to Sheet A8.1 for wall details as requested.
- A8. Please refer to sheet A8.1 for attic insulation detail.
- A9. The address for each building is already existing on the exterior face of each building.

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A10 Sheet A4.2:

A. I. Please refer to sheet A4.2, Enlarged laundry room plans, and sheet A4.6, enlarged kitchen floor plans, for work surface location and dimensions, and clear floor space requirements for the work surface, and accessibility requirements for the kitchen.

II. & III. Please refer to sheet A4.6, for kitchen sink dimensional requirements and forward approach requirements, and accessibility requirements, along with clear floor space in front of appliances; and controls for over the range microwave requirements.

IV. Please refer to sheet A4.6, for reach range requirements for controls over range microwave.

V. Please refer to sheet A4.6 for reach range at oven and cooktop controls.

B. I., II., & III. Please refer to sheet A4.2 and A4.6 for Laundry equipment clear floor space, operable parts, and height of the equipment.

A11. A4.6. A. Please refer to sheet A4.6 for deletion of details B, C, D, & E.

B. Kitchen enlarged plan has been removed from sheet A4.2. It is only on Sheet A4.6.

A12 Sheet A4.7 (please refer to new sheet A8.2 for accessibility details)

A. Please refer to Sheet A8.2 for details for transfer type shower compartment; seat height and strength; grab bar locations; controls and hand shower requirements.

B. Please refer to sheet A8.2 for toilet dispenser dimensional requirements.

C. Please refer to Sheet A8.2 for toilet grab bar requirements.

D. Please refer to Sheet A8.2 for correct toilet flush control locations.

E. Please refer to Sheet A4.7 for deletion of water closet compartment, and refer to sheet A8.2 for dimensions for the location of the water closet and grab bars.
Also for the deletion of any reference to toilet partitions and doors.

F. There are no drinking fountains within Building B. The details shown on new Sheet A8.2 do not apply to this building, for drinking fountains.

A13 Please refer to revised Electrical drawings, dated February 24, 2017, for information regarding carbon monoxide detectors.

Mechanical Review Comments:

Please refer to Mechanical drawings, dated February 24, 2017, for information concerning Mechanical review comments.

Plumbing Review Comments:

Please refer to Plumbing drawings, dated February 24, 2017, for information concerning Plumbing review comments.

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Electrical Review Comments:

Please refer to Electrical drawings, dated February 24, 2017, for information concerning Electrical review comments.

Energy Review Comments:

N1 & N2: Please refer to RESCheck, attached to the end of the Mechanical/Plumbing pdf files, for extent of thermal envelope and corresponding R-values, and the energy compliance.

Structural Comments:

General:

S1. Sheets D2.1 and D3.1:

- A. Please refer to attached written verification letter, submitted by a Utah licensed structural engineer (attached at the end of this letter), verifying the proposed demolition is not affecting the structural integrity of the building.
- B. Please refer to attached written verification letter, submitted by a Utah licensed structural engineer (attached at the end of this letter), showing structural support information for new openings in exterior walls.

Thank you.

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