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September 15, 2022

Development Services
220 SE Green Street
Lee's Summit, MO 64063

RE: Whataburger – Building Plan Review
204 SW M 150 HWY
Lee's Summit, MO 64082
Permit #PRCOM20223975

Reviewing staff,

This letter is in response to the review comments on the above referenced project, which were received on September 1, 2022. All comments received have been incorporated within our revised plans and/or addressed in the comment responses below. Thank you for your time, response to specific comments as follows:

Licensed Contractors

Reviewed by: Joe Frogge

Comment 1: Lee's Summit Code of Ordinance, Section 7-130.10 - Business License. It shall be unlawful for any person to engage in the construction contracting business without first obtaining a business license as required under the applicable provisions of Chapter 28 of the Lee's Summit Code of Ordinances. Action required: Either a Class A or Class B license is required. Provide the company name of the licensed general contractor and an email address & phone number for the on-site contact which is where inspection reports will be sent.

Response: Code notes updated on G 1.0.

Comment 2: Lee's Summit Code of Ordinance, Section 7-130.4 - Business License. (excerpt) No person, other than a licensed contractor or employees of a licensed contractor, shall engage in electrical, plumbing or mechanical business, construction, installation or maintenance unless duly licensed in accordance with this section. Action required: MEP subcontractors are required to be listed on permit. Provide company names of licensed MEP contractors.

Response: Company names of licensed MEP contractors will be provided once they are selected for this project.

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Building Plan Review

Reviewed by: Joe Frogge

Comment 1: The building permit for this project cannot be issued until the Development Services Department has received, approved, and processed the Final Development Plan.
Action required: Comment is informational.

Response: Acknowledged.

Comment 2: For the Health Department inspection contact Deb Sees with the Jackson County Public Works Department, Environmental Health Division at (816) 847-7070. Health Department approval is required prior to receiving any type of Occupancy from the City of Lee's Summit. **Action required:** Comment is informational.

Response: Acknowledged.

Comment 3: All plans submitted for review on or after April 1, 2019 shall be designed to the requirements of the 2018 International Building Code, 2018 International Mechanical Code, 2018 International Plumbing Code, 2018 International Fuel Gas Code, 2018 International Fire Code, 2017 National Electric Code and the ICC/ANSI A117.1-2009 as amended and adopted by the City of Lee's Summit. **Action required:** Modify code analysis to show correct code dates. Multiple references to 2012 & 2015 found.

Response: Codes have been modified to show the correct code dates.

Comment 4: Copies of the engineered truss package were not provided at the time of permit application. **Action required:** Provide roof truss package or request deferral.

Response: *The roof trusses are a deferred design item. The shop drawing package will be provided once the truss manufacturer provides signed and stamped drawing s and calculations and are approved by the EOR.*

Comment 5: 2018 IBC 1803.1 General. Geotechnical investigations shall be conducted in accordance with Section 1803.2 and reported in accordance with Section 1803.6. Where required by the building official or where geotechnical investigations involve in-situ testing, laboratory testing or engineering calculations, such investigations shall be conducted by a registered design professional. **Action required:** Provide soils report to justify design assumption of soil bearing capacity greater than 2,000psf. (2,500 listed in Foundation Notes on sheet S0.2)

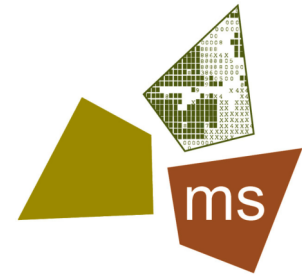
Response: *The geotechnical report will be provided as part of the response.*

Comment 6: 2018 IBC 1809.5 Frost protection. Except where otherwise protected from frost, foundations and other permanent supports of buildings and structures shall be protected from frost by one or more of the following methods:
1. Extending below the frost line of the locality;
2. Constructing in accordance with ASCE 32; or
3. Erecting on solid rock. (see code section for exceptions) Shallow foundations shall not bear on frozen soil unless such frozen condition is of a permanent character.
Action required: Minimum frost depth in this area is 36". Modify designs to comply.

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Response: *Frost depth has been revised to 36". The foundations have been revised.*

Comment 7: ICC A117.1 604.5.1 Fixed side wall grab bars. Fixed side-wall grab bars shall include a horizontal bar complying with Section 604.5.1.1 and a vertical grab bar complying with Section 604.5.1.2. The vertical grab bar at water closets primarily for children's use shall comply with Section 609.4.2. ICC A117.1 604.5.1.1 Horizontal grab bar. A horizontal grab bar 42 inches minimum in length shall be located 12 inches maximum from the rear wall and extending 54 inches minimum from the rear wall. ICC A117.1 604.5.1.2 Vertical grab bar. A vertical grab bar 18 inches minimum in length shall be mounted with the bottom of the bar located 39 inches minimum and 41 inches maximum above the floor, and with the center line of the bar located 39 inches minimum and 41 inches maximum from the rear wall. Action required: Provide vertical side grab bars at accessible water closets.

Response: *Grab bars have been revised to meet requirements of ICC A117.1 604.5.1.*

Comment 8: Protection of Potable Water System 2018 IPC 305.4 Freezing. Water, soil, and waste pipes shall not be installed outside of a building, in attics or crawl spaces, concealed in outside walls, or in any other place subjected to freezing temperatures unless adequate provision is made to protect such pipes from freezing by insulation or heat or both. Exterior water supply system piping shall be installed not less than 6" below the frost line (42" below grade) and not less than 12 inches below grade. Action required: Move water entry into conditioned space to prevent freezing. (or other approved method - currently shown in exterior wall which is problematic in this area)

Response: *Modified Sheet P1.1 to show incoming water supply to be in interior of building near EWH-1 along with Keynote #2 to coordinate final location. Modified Detail B3 on Sheet P4.2 to show incoming water supply to be in interior of building.*

Comment 9: 2018 IPC 1003.3.1 Grease interceptors and automatic grease removal devices required. A grease interceptor or automatic grease removal device shall be required to receive the drainage from fixtures and equipment with grease-laden waste located in food preparation areas, such as in restaurants, hotel kitchens, hospitals, school kitchens, bars, factory cafeterias and clubs. Fixtures and equipment shall include pot sinks, pre-rinse sinks; soup kettles or similar devices; work stations; floor drains or sinks into which kettles are drained; automatic hood wash units and dishwashers without pre-rinse sinks. Grease interceptors and automatic grease removal devices shall receive waste only from fixtures and equipment that allow fats, oils or grease to be discharged. Where lack of space or other constraints prevent the installation or replacement of a grease interceptor, one or more grease interceptors shall be permitted to be installed on or above the floor and upstream of an existing grease interceptor. Action required: Modify plumbing design. Hand sinks and restrooms not allowed to be routed through grease trap.

Response: *Hand sinks and restrooms are routed through sanitary sewer (SS) piping, which is not routed through the grease trap.*

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Fire Plan Review

Reviewed By: Ben Hicks

Comment 1: 2018 IFC 1004.3- Posting of occupant load. Every room or space that is an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent.

Response: Added to "FIRE ALARM GENERAL NOTES" on Sheet F0.1 as letter I. Occupant load posted in dining room per 2018 IFC 1004.3. See sheet I 0.1.

Comment 2: 2018 IFC 904.4.2- Alarm testing. Notification appliances, connections to fire alarm systems, and connections to approved supervising stations shall be tested in accordance with this section and Section 907 to verify proper operation.

Response: Added to "FIRE ALARM GENERAL NOTES" on Sheet F0.1 as letter M.

Comment 3: 2018 IFC 907.1.1- Construction documents. Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following: 1. .A floor plan which indicates the use of all rooms. 2. Locations of alarm-initiating and notification appliances. 3. Alarm control and trouble signaling equipment. 4. Annunciation. 5. Power connection. 6. Battery calculations. 7. Conductor type and sizes. 8. Voltage drop calculations. 9. Manufacturers, model numbers and listing information for equipment, devices and materials. 10. Details of ceiling height and construction. 11. The interface of fire safety control functions.

Response: See Sheets F0.1, F1.1, and F5.1 for information requested above. A licensed fire alarm installer shall provide additional shop drawings and calculations that are required to be submitted that are not included on sheets.

Comment 4: 2018 IFC 901.2- Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.

Response: A licensed fire alarm installer shall provide shop drawings and calculations that are required to be submitted for the fire alarm system. A licensed fire sprinkler contractor will provide full sprinkler shop drawings including hydraulic calculations for review and approval.

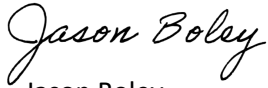
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Please feel free to contact me with any questions or concerns you may have.

Thank you,



Jason Boley

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