



February 27, 2018

Ms. Danielle Sitzman, AICP
City Planner
City of Mission
6090 Woodson
Mission, KS 66202

RE: Tidal Wave Auto Spa - Development Plan Submittal

Dear Danielle,

As master developer of the West Gateway Redevelopment District for the City of Mission, it is our responsibility to conduct a review of development plans and applications within this area, and to provide comments relative to their compliance with the recommendations outlined in the City's Form Based Code (FBC).

It is our understanding that this applicant, Mr. Steve Block and/or TW Macon LLC, wishes to obtain approval for an amended and supplemented preliminary site development plan submittal for a ~0.76 acre site located on the southwest of the intersection of Walmer Street and Johnson Drive. As indicated in the submitted plans, the proposed improvements are intended to remove an existing single-use building with a large surface parking lot and redevelop the site to incorporate a proposed drive-through auto spa, a structure containing vehicle vacuum bays and commercial offices, and related site improvements.

Our review of the plans is provided below, including our interpretation and recommendations regarding their conformance with specific requirements outlined in the FBC. Since the site is larger than 0.50 acres, the FBC allows for up to 60% of the gross square feet of development to utilize low-rise building(s) in conjunction with at least 40% of other identified building types (in this case Townhouse, Mid-Rise, High-Rise, or Parking Structure).

This application includes two proposed structures - neither of which are consistent with the building types identified in the FBC. The smaller of the two structures (the car wash) does not meet the identified height requirement for a low-rise building type. The larger of the two structures (the vacuum bays with office space above) does not meet any of the building types identified in the FBC. Due to the ground floor of this structure proposed primarily for vacuum bay parking with no doors or full enclosure, we interpreted the closest FBC building type for comparative purposes to be a Parking Structure - and have used this for the analysis outlined herein.

Please note the FBC regulating plan also calls for Walmer Street to be extended south from the existing Johnson Drive intersection. If the dedicated street extension and related right-of-way were to have been incorporated, the remaining development site area could be less than 0.50 acres and would then qualify for use of a low-rise building as part of an alternative redevelopment scenario. However; this application does not include the proposed extension of Walmer Street as identified in the FBC.

That said, the City has requested our review of this application be provided under a scenario wherein Walmer Street is interpreted to not be designated for extension to the south as part of the FBC requirements. Our review is provided with this understanding.

These comments are provided in accordance with the “steps” outlined in Chapter 8 of the FBC, including the FBC scoring system.

Step 1 - Regulating Plan (45 Points Required to Pass, 45 Possible Points)

- *Block Configuration and Frontage Type:* In our opinion, the proposed development generally respects the hierarchy of frontage types identified in the FBC, with the primary (taller) of the two proposed structures placed along the existing Johnson Drive frontage. The regulating plan identifies building types appropriate for this block as Townhouse, Mid-Rise, High-Rise, and Parking Structure; however, this taller structure does not meet the definition of any of these appropriate building types. There is also no indication of retail uses proposed for the ground floor of this structure along Johnson Drive as required in the regulating plan.

The FBC also allows for the use of Low-Rise buildings in certain circumstances, and these buildings are required to be 26' in height. The smaller one-story auto spa structure located on the south portion of the site does not meet the 26' height requirement, and therefore does not meet the definition of the Low-Rise building type.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of these structures to comply with FBC building type requirements and continuing to place the tallest structure along the Johnson Drive frontage.

Score: 7/15 points

Parking: In our opinion, the proposed development generally meets the conditions identified in the FBC for placement of surface parking areas towards the interior of this development site; however, other parking proposed within a structure conflicts with provisions of the regulating plan. The taller structure proposed along Johnson Drive indicates vehicular parking in the ground floor space, with access provided from the interior of the site on the south side of this structure.

The use of the ground floor space of this structure for vehicular parking is not consistent with a mid-rise building type, and does not allow adequate space for retail uses along Johnson Drive as required in the FBC regulating plan. Because this building has parking included on the ground floor, it is interpreted to be reviewed as a Parking Structure building type; however, the size and configuration of this structure also doesn't meet the definition of a Parking Structure building type.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of the taller structure to comply with the FBC building type requirements.

Score: 7/15 points

Access: In our opinion, the proposed development adequately addresses site access issues identified in the FBC. Access to the site is provided near the

Walmer Street and Johnson Drive intersection with the proposed removal of a portion of the existing Johnson Drive median island. There are no provisions for a driver to be able to exit the line or to access parking for the proposed office space without first entering through the pay kiosk. A "right-out only" egress drive connection to Johnson Drive is also provided on the west edge of the site.

The applicant has provided an auto turn template using a passenger car to illustrate the ability to enter the site through the pay kiosk and exit to Johnson Drive on the west side of the site. However; it is unclear if trash and/or other service vehicles are anticipated to access the site using this entry drive through the pay kiosk, or whether they are anticipated to access the site through the single exit lane (west side) connecting to Johnson Drive. If they are anticipated to use this exit lane, it should be considered for widening to accommodate two-way traffic.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant providing additional information regarding the ability of relevant vehicle types to access the interior portions of the site either through the pay kiosk lane or via alternative access points.

Score: 14/15 points

Total Score: 28/45 Points (NOT PASSED - 45 Points Required)

Note: According to Chapter 8 of the FBC, development submittals must comply with the requirements outlined in the regulating plan, and a score of 45 is required to automatically continue to the next review group in the process. At this point in the review process, the Community Development Department was notified of this issue/score, and it was determined that due to the nature and complexity of the overall project, the review should continue to be provided for the remaining steps of the FBC.

Step 2 - Building Types (10 Points Required to Pass, 10 Possible Points)

- *Building Type Matches Regulating Plan Text:* The taller structure is interpreted to be considered as a Parking Structure building type, but there is no ground floor commercial retail use along the Johnson Drive frontage as required in the FBC. The proposed height of the one-story structure (located along the south edge of the site) does not meet the minimum 26' height requirement to qualify for consideration as a Low-Rise building type.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of these structures to comply with FBC building type requirements outlined in the regulating plan text. Two example scenario concepts are provided below.

One concept could include revising the taller structure to meet the Parking Structure building type by expanding the width/depth of the habitable portion of the building to a minimum of 40' along the entire length of the building and 20' tall to accommodate a variety of uses, while including the proposed covered vehicle parking vacuum bays along the rear of the building with commercial, office, or parking spaces above in a second story.

Another concept could include be revising the taller structure to meet the Mid-Rise building type by expanding the width/depth of the building to a minimum of 40' along the entire length of the two-story building with habitable space on both levels, and an option to place the vehicular parking vacuum bays either behind the building or in a basement below a portion of the rear of this building by sloping the site grading for vehicular access to this basement condition.

These and/or other scenario concepts could be explored further in collaboration with the applicant to address specific programmatic and development requirements associated with these or other alternative approaches.

Score: 2/5 points

- *Building Type Matches Chapter 3 Definition:* The proposed taller structure proposed for the northern edge of the site does not contain the ground floor commercial retail along the Johnson Drive frontage as required in the FBC Parking Structure building type definition. The proposed smaller auto spa building structure on the southern edge of the site does not meet the minimum 26' height requirement to qualify for consideration as a Low-Rise building type.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of these structures to comply with FBC building type requirements as previously outlined herein. The auto spa structure needs to be increased in height to meet the 26' height requirement to qualify as a Low-Rise building type.

Score: 2/5 points

Total Score: 4/10 Points (NOT PASSED - 10 Points Required)

Step 3 - Urban Guidelines (25 Points Required to Pass, 30 Possible Points)

Intent: The development plan submitted by the applicant does not provide clearly outlined proposed building type designations for proposed structures. For a site this size, the FBC outlines "Low-rise buildings, built to low-rise building guidelines, may be developed as up to 60% of the gross square feet of development (in one or multiple buildings) ..." While the applicant has provided square footages of the proposed buildings, they do not meet the building type criteria as outlined below.

The proposed height of the one-story structure (located along the south edge of the site) does not meet the minimum 26' height requirement to qualify for consideration as a Low-Rise building type, and does not meet the intent.

The taller structure is interpreted to be considered as a Parking Structure building type, but there is no ground floor commercial retail use along the Johnson Drive frontage as required in the FBC. Above-ground Parking Garage structures must also include an inhabitable 20' high ground floor with a minimum depth of 40' along the entire length of the garage to accommodate a variety of uses. The proposed taller structure does not provide these features and does not meet the intent of this building type.

For these reasons, these structures do not comply with the written intent for these building types, and the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of these structures to comply with the intent of the FBC building type requirements.

Score: 1/5 points

- *Front Setback - Johnson Drive:* As the proposed taller structure is considered to be a Parking Garage building type for the purposes of this submittal, it appears the front setback on Johnson Drive has not been provided appropriately. Since the Walmer Street extension and its related secondary frontage line was removed from consideration as part of this review, the placement of the taller structure with an integrated Parking Structure along the primary Johnson Drive frontage was considered to be an acceptable approach. The front setback to secondary frontage lines is 40' minimum with the intent to require a 40' deep building use at street level adjacent to this corridor. This is not included on the submitted revised site plan.

In addition, the application has submitted some additional (yet very limited) information regarding proposed streetscape improvements along Johnson Drive including a few tree, light, bench, and trash receptacle locations - but these plans are still missing numerous notations, the types of lighting and site furnishings, and other details associated with providing the required quantity and configuration of streetscape improvements and related landscape plans that should be included for the front setback area along Johnson Drive. Street trees are required at 40' maximum spacing, and the plans indicate two trees - but three additional trees are required. One bench is shown, but two additional benches are required. One trash receptacle is shown, but one additional receptacle is required. Hanging baskets/planters are to be utilized with the lighting (2 per pole), but none appear to be indicated on the plans. Tree grates are to be utilized with the street trees, but none appear to be indicated on the plans. Three bike rack loops are required, but none appear to be indicated on the plans.

The sidewalk area is proposed to be 9' in width on the application, which matches the width as outlined in the FBC requirements.

Some additional information related to FBC lighting requirements for the Johnson Drive Corridor is provided below:

- *Street Lights:* use of the same street light fixtures utilized along the west side of Broadmoor south of Martway (Lumec or City approved equivalent) located on a taller single shared pole for use along Broadmoor at approximately 120' intervals.
- *Pedestrian Lights:* use of the same pedestrian light fixtures utilized along the west side of Broadmoor south of Martway (Lumec or City approved equivalent) located on shorter single poles along Broadmoor at approximately 60' intervals.
- Prior to ordering and installing any of the lighting or site furnishings associated with this project, additional design coordination with the City of Mission may be necessary to ensure the appropriate fixtures and furnishings are selected to be consistent with the City's final streetscape design recommendations and previous selections for use in the West Gateway area.

The development plan also includes references to landscape features and a proposed dumpster enclosure location in the southwest corner of the property, but no details or landscape plans have been provided for these items as part of the application.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of the taller structure along Johnson Drive to match one of the building types and placing it to correspond with the front setback outlined in the FBC, and also providing additional streetscape design, landscape, lighting and related Johnson Drive sidewalk area improvement details.

Score: 3/5 points

- *Side Street Setback:* Due to the Walmer Street extension being removed from consideration, there is no side street setback related to this proposal and the placement of structures appear to be generally acceptable.

Score: 5/5 points

- *Side Setback:* The locations of proposed structures along the east and west property lines generally meets the intent of the FBC relative to any side setback criteria, and thus complies. No landscape plans or details associated with proposed plantings along these areas have been submitted.

For this reason, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant providing appropriately detailed landscape plans.

Score: 4/5 points

- *Rear Setback:* The locations of proposed structures along the south property line generally meets the intent of the FBC relative to any rear setback criteria, and thus complies. No landscape plans or details associated with proposed plantings along these areas have been submitted.

For this reason, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant providing appropriately detailed landscape plans.

Score: 4/5 points

- *Parking Area:* The proposed development appears to meet the conditions identified in the FBC by placing the surface parking areas towards the interior of this development site. There are notations of landscape features and a trash enclosure located in the southwest area of the property, but no details associated with the proposed plantings and trash enclosure have been submitted. This enclosure needs to be architecturally compatible with the adjacent building's appearance and use of materials. There is also no provision currently for pedestrian sidewalks leading into the interior of the site and the proposed auto spa structure located in the southern portion of the site from the adjacent Johnson Drive corridor.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant providing appropriately detailed landscape plans and a pedestrian sidewalk connecting to the auto spa structure.

Score: 3/5 points

Total Score: 20/30 Points (NOT PASSED - 25 Points Required)

Step 4 - Architectural Guidelines (10 Points Required to Pass, 15 Possible Points)

- *Intent:* The proposed architectural treatments generally comply with these requirements, and the revised plans provide indications of proposed architectural materials.

Due to the aforementioned one-story structure not meeting the required 26' building height to be considered a Low-Rise building type, the taller structure not meeting the definition of a Parking Structure building type, and the material comments outlined above, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design and providing additional details for these structures to comply with the intent of the FBC building type and architectural treatment requirements.
Score: 2.5/6 points

- *Materials:* It appears the initial materials indicated for use on the proposed taller structure and the one-story structure generally complies with these requirements. It appears the vast majority of façade material for the taller structure is proposed to be stucco/EIFS. The use of EIFS material in lower elevations of the building (within reach of people) can present some maintenance concerns, and more durable options could be explored for use on lower portions of the building while still complimenting the overall architectural appearance of the structure. The use of E.F.S. (similar to the proposed EIFS?) on the one-story structure presents similar durability concerns as noted above. There are also no materials or finishes specified for the trash enclosure or the concrete retaining wall, including whether there will be a railing installed atop this wall.

For these reasons, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the elevations of these proposed structures, walls, and railings (if any are needed for safety) to reflect proposed materials and finishes, and by submitting samples of these materials for review.

Score: 2/3 points

- *Configuration:* It appears the proposed structures in some ways comply with these requirements; however, the aforementioned structure dimension and configuration changes associated with the taller structure are needed for it to be considered a Parking Garage building type, and the aforementioned structure height changes associated with the one-story structure are needed for it to be considered a Low-Rise building type. This will require substantial changes to the configuration of these structures - and additional review will be necessary at that time. Some additional observations on the application as submitted are noted below:

"Roofs":

- Provide calculations for the proposed cupola features to indicate they do not exceed 500 square feet in plan.

"Storefronts":

- Provide calculations indicating windows and doors of commercial establishments occupy no less than 60% of the total storefront, from sidewalk grade to a distance of 18' above the sidewalk grade.

The calculations provided appear to include the entire façade, and do not meet this 60% requirement.

"Awnings & Canopies":

- o The use of awnings is permitted along the base of a building. Those proposed on any upper floors will be further considered in conjunction with any revised elevations that adequately address other issues outlined herein.

For the reasons stated above, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the configuration of various components of the structures as outlined to comply with the FBC's configuration requirements.

Score: 1.5/3 points

- *Techniques:* It appears most of the structures generally comply with these requirements; however, the aforementioned structure dimension and configuration changes associated with the taller structure are needed in order for it to be considered a Parking Garage building type, and the aforementioned building height changes associated with the one-story structure are needed in order for it to be considered a Low-Rise building type. This will require substantial changes to the techniques used in the design of these structures - and additional review will be necessary at that time. Some additional observations on the application as submitted are noted below:

"Building Walls":

- o Please indicate where any air conditioners and other utility elements are intended to be placed to eliminate their placement on a building wall facing the street, and indicate techniques proposed to properly screen them from public view.

For the reasons stated above, the full score for this portion of the plan review has not been achieved. This can be rectified by the applicant revising the design of these structures to reflect the comments outlined above to comply with the FBC's technique requirements.

Score: 2/3 points

Total Score: 8/15 Points (NOT PASSED - 10 Points Required)

The overall score for this proposal is 60 out of a possible of 100 points, with an overall total of 90 points required to pass. If you have any questions about these comments, please don't hesitate to contact me to review in further detail.

Best Regards,



Wm. Christopher Cline, ASLA
Core Design Development, LLC