

# ATTACHMENT B

## MEMORANDUM - CITY OF PASADENA DEPARTMENT OF PUBLIC WORKS

**DATE:** July 27, 2020

**TO:** Leon White, Principal Planner  
Design and Historic Preservation

**FROM:** Yannie Wu-Bowman, Principal Engineer  
Department of Public Works

**RE:** Concept Design Review – PLN2020-00123  
439 North Hill Avenue

The Department of Public Works has reviewed the application for Concept Design Review PLN2020-00123 at 439 North Hill Avenue. Concept Design Review for a proposed 13 unit multi-family residential development with at-grade parking. The approval of this concept design review should be based upon satisfying all of the following conditions:

1. Tyler Alley is currently 14.5 feet wide and to be used as a main vehicular access to this site. The applicant shall dedicate 2.75 feet strip of land along Tyler Alley frontage for alley purposes. The 2.75 feet is half of the required 5.5 feet dedication for a standard 20 feet wide alley, per PMC Chapter 16.12.140. The submitted drawing under this review is not in compliance and shall be revised.

The applicant shall be responsible for all the costs required to complete the dedication. The dedication documents and processing fee/deposit shall be submitted to this office, at least three to four (3-4) months prior to the issuance of any permits. The dedication documents shall be executed and recorded prior to the issuance of a Certificate of Occupancy.

2. Tyler Alley restoration shall be a full width (from property line to property line) cold milling and resurfacing of asphalt concrete roadway per Standard Plan S-415. All street restoration shall be completed prior to the issuance of Certificate of Occupancy.
3. The applicant shall reconstruct the alley approach at Hill Avenue including the dedicated width, per City Standards. All public improvements shall be completed prior to the issuance of Certificate of Occupancy.

4. The applicant shall demolish existing and construct all new public improvements along the subject development frontage of Hill Avenue, including concrete drive approach per Standard Plan S-403; concrete sidewalk per Standard Plan S-421; concrete curb and gutter per Standard Plan S-406. All public improvements shall be completed prior to the issuance of Certificate of Occupancy.
5. This reach of Hill Avenue is slated for Pavement Rehabilitation in 2022. Excavations in the street for utility connections shall be as close as possible to each other and the pavement shall be restored contiguously between extreme excavations. Restoration of asphalt concrete pavement shall be per Standard Plan S-416. The street restoration shall be completed prior to the issuance of Certificate of Occupancy.
6. The proposed development shall connect to the public sewer with one or more new six-inch diameter house sewer laid at a minimum slope of two percent. In accordance with PMC Chapter 13.24.010, house sewer “means that part of the horizontal piping beginning 24 inches from the exterior wall of the building or structure and extending to its connection with the public sewer.” The section of house sewer within the public right-of-way - from the property line to the public sewer, or within easement, shall be vitrified clay or cast iron pipe. The house sewer shall meet City Standards as determined by the Department of Public Works, and a permit issued by the Department of Public Works is required for work within the public right-of-way. The construction of all new house sewers shall be completed prior to the issuance of Certificate of Occupancy.
7. On-site drainage, such as roof drain, area drain and subterranean garage discharge, shall be contained on-site per LA County Regional Water Quality Control Board’s current permit.
8. All of the on-site drainages, such as roof drain, and area drain, shall be gravity-flowed out to the public right of way. All drains shall discharge to Hill Avenue. No drainage runoff shall be allowed onto Tyler Alley.
9. To protect existing City trees during construction, the applicant shall fully conformed to the Tree Protection Guidelines signed by the City Manager. The full guidelines is available at the following link:  
<https://www.cityofpasadena.net/public-works/engineering-and-construction/engineering/>

10. A Tree Protection Zone (TPZ) shall be established for all existing City trees within the scope of a construction project. The TPZ extends from the base of the tree to four (4) radial feet beyond the dripline of a tree and applies to the entirety of the tree – from the roots to the canopy of the tree.

The applicant is prohibited from the following within a designated TPZ: construction vehicle access, construction vehicle operation, staging of materials, and trenching without the consent of the Department of Public Works.

The applicant shall at minimum provide the following within a designated TPZ: mulching, irrigation, and protective fencing.

11. Prior to the issuance of any permit, the applicant shall submit a Preliminary Tree Protection Plan (PMC Ch. 8.52 – City Trees and Tree Protection Ordinance), prepared by a Landscape Architect or certified Arborist, showing the TPZ and all structures, footings, and grading that may impact City trees shall be submitted to the Department of Public Works, for review and approval. Given that each construction project poses unique conditions, it is the responsibility of the applicant to develop a Tree Protection Plan based off the TPZ standards to the extent feasible. The Plan shall conform to the Tree Protection Standards which specifically require showing the locations of all existing trees, their diameters, canopies, whether the tree is a public tree or private tree, as well as any trees to be planted with their canopy at mature size. The final conditions of the Tree Protection Plan shall be approved by the Forestry Superintendent. A non-refundable flat fee, per the current General Fee Schedule, will be required for staff time to review the Tree Protection Ordinance compliance.
12. Prior to any construction, tree protections including the installation of fencing to protect public trees must be in place. The fencing material shall be chain-link attached to posts inserted into the ground at the edge of the dripline and shall be a minimum of 6' in height. See Standard Plan S-642 – Tree Protection Chain Link Fencing. Fencing shall maintain visual lines of sight in order to avoid vehicle and pedestrian hazards. Fencing shall include a minimum 8.5" x 11" warning sign with the following information: 'Tree Protection Zone'; name and contact information of project owner or authorized representative; 'Please contact the City of Pasadena Citizen Service Center to report any concerns (626) 744-7311'. All protective fencing must be permitted, inspected and approved by Public Works prior to the commencement of any construction.

13. All new drive approaches shall be at least seven (7) feet clear of the existing street trees measured from the edge of the trunk closest to the drive approach. All public trees shall be protected and fenced with a posting on the fences advising of the tree protection.
14. Prior to issuance of any permit, the applicant shall submit a valuation assessment report of the existing public tree(s) along the boundary of their project. The report shall be prepared by a registered Arborist and submitted to PNR for review and approval. If it is determined that the applicant has failed to care for any City tree within their Tree Protection Plan, and the health of the tree(s) was critically compromised requiring its removal, the applicant shall be liable for the following costs: assessed value of tree determined by a PNR Arborist using a current ISA assessment methodology; the removal cost determined by PNR; and any applicable infraction or administrative fines determined by Code Compliance.
15. Prior to issuance of any permit, a deposit in the amount of the applicant's total liabilities based on the aforementioned approved tree assessment report shall be submitted to the City. The deposit is fully refundable, less administrative fees, upon the satisfaction of Public Works prior to the issuance of a Certificate of Occupancy.
16. The applicant is responsible for the design, preparation of plans and specifications, and construction of all required public improvements. Plans for the above improvements shall be prepared by a Civil Engineer, registered in the State of California. Upon submittal of improvement plans to the Departments of Public Works for review, the applicant will be required to submit fees, per the current General Fee Schedule, to cover the cost of plan checking and construction inspection of the improvements. Note that building plans approved by the City's Planning (Building) Department do not constitute approvals for work in the public right-of-way. Separate plans shall be submitted to the Department of Public Works – Engineering Division – at 175 North Garfield Avenue Window 6. The applicant shall submit public improvements plans and the plan check fees at least two (2) months prior to the issuance of any building or demolition permits.
17. Past experience has indicated that projects such as this tend to damage the abutting street improvements with the heavy equipment and truck traffic that is necessary during construction. Additionally, the City has had difficulty in requiring developers to maintain a clean and safe site during the construction phase of

development. Accordingly, the applicant shall place a \$10,000 deposit with the Department of Public Works prior to the issuance of a building or grading permit. This deposit is subject to refund or additional billing, and is a guarantee that the applicant will keep the site clean and safe, and will make permanent repairs to the abutting street improvements that are damaged, including striping, slurry seal/resurfacing, curb, gutter, and sidewalk, either directly or indirectly, by the construction on this site. The deposit may be used for any charges resulting from damage to street trees. A processing fee will be charged against the deposit.

18. Prior to the start of construction or the issuance of any permits, the applicant shall submit a Construction Staging and Traffic Management Plan to the Department of Public Works for review and approval. The template for the Construction Staging and Traffic Management Plan can be obtained from the Department of Public Works webpage at: <https://www.cityofpasadena.net/public-works/engineering-and-construction/engineering/>. A non-refundable flat fee, based on the current General Fee Schedule, is required for plan review and on-going monitoring during construction. This plan shall show the impact of the various construction stages on the public right-of-way (and the private street) including all street occupations, lane closures, detours, staging areas, and routes of construction vehicles entering and exiting the construction site. An occupancy permit shall be obtained from the department for the occupation of any traffic lane, parking lane, parkway, or any other public right-of-way. All lane closures shall be done in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) and California Supplement. If the public right-of-way occupation requires a diagram that is not a part of the MUTCD or California Supplement, a separate traffic control plan must be submitted as part of the Construction Staging and Traffic Management Plan to the department for review and approval. No construction truck idling or staging, material storage, or construction trailer are allowed in the public right-of-way.

In addition, prior to the start of construction or issuance of any permits, the applicant shall conduct a field meeting with an inspector from the Department of Public Works for review and approval of construction staging, parking, delivery and storage of materials, final sign-off procedure, and any of the specifics that will affect the public right-of-way. An appointment can be arranged by calling 626-744-4195.

19. In preparation for the New Year Rose Parade and Rose Bowl Game, the Department of Public Works will suspend all works within the public right-of-way during the holiday season in accordance to PMC 12.24.100 and City Policy.

In general, all public streets, sidewalks and parkways shall be free and clear of excavations and other construction related activities during the period of November through January of the following year. Specific dates will vary on an annual basis. Accordingly, contractors will be required to shut down construction operations which would impede traffic and pedestrian movements during these periods unless otherwise authorized by the City Engineer. Any existing excavations shall be backfilled, compacted and temporarily repaved before the beginning of the moratorium period.

The Holiday Moratorium Map, showing the appropriate shutdown period, and corresponding areas in the City, is available at the Department of Public Works Permit Counter (window #6), 175 N. Garfield Avenue, Pasadena, CA 91109, or at the following link: <https://www.cityofpasadena.net/public-works/engineering-and-construction/engineering/> .

20. All costs associated with these conditions shall be the applicant's responsibility. Unless otherwise noted in this memo, all costs are based on the General Fee Schedule that is in effect at the time these conditions are met. A processing fee will be charged against all deposits. A Public Works permit is required for all construction and occupancies in the public right-of-way. If construction vehicles and equipment are parked off-site in the public right of way, the permit fee for street and sidewalk occupancy will be based on the area and duration corresponding to the current City's General Fee Schedule. For more information, please contact Yannie Wu-Bowman at 626-744-3762.

In addition to the above conditions, the requirements of the following ordinances will apply to the proposed project:

- Sewer Facility Charge - Chapter 4.53 of the PMC  
The ordinance provides for the sewer facility charge to ensure that new development within the city limits pays its estimated cost for capacity upgrades to the city sewer system, and to ensure financial solvency as the city implements the operational and maintenance practices set forth in the city's master sewer plan generated by additional demand on the system. Based on sewer deficiencies identified in the City's Master Sewer Plan, the applicant may be subject to a Sewer Facility Charge to the City for the project's fair share of the deficiencies. The Sewer Facility Charge is based on the Taxes, Fees and Charges Schedule and will be calculated and collected at the time of Building Permit Issuance.

- Sidewalk Ordinance - Chapter 12.04 of the Pasadena Municipal Code (PMC)  
In accordance with Section 12.04.035, entitled “Abandoned Driveways” of the PMC, the applicant shall close any unused drive approach with standard concrete curb, gutter and sidewalk. In addition, the applicant shall repair any existing or newly damaged curb, gutter and sidewalk along the subject frontage prior to the issuance of a Certificate of Occupancy in accordance with Section 12.04.031, entitled “Inspection required for Permit Clearance” of the PMC.
- City Trees and Tree Protection Ordinance - Chapter 8.52 of the PMC  
The ordinance provides for the protection of specific types of trees on private property as well as all trees on public property. No street trees in the public right-of-way shall be removed without the support of the Urban Forestry Advisory Committee. No trees shall be damaged by the proposed construction, if a City tree is damaged, the applicant may be liable for the assessed value of the tree. Refer to <https://www.cityofpasadena.net/public-works/parks-and-natural-resources/urban-forestry/> for guidelines and requirements for tree protection.
- Residential Impact Fee Ordinance - Chapter 4.17 of the PMC  
The ordinance was established to provide funds to mitigate the impact of new residential development on City parks and park and recreational facilities. A copy of the Residential Impact Fee Information Packet is available at the city webpage at: <https://www.cityofpasadena.net/public-works/engineering-and-construction/engineering/> . The Residential Impact Fee is based on the current Taxes, Fees and Charges Schedule (<https://www.cityofpasadena.net/finance/general-fund/fees-tax-schedules/>) and will be calculated and collected at the time of Building Permit Issuance.

The building plans shall include, preferably on the title sheet, a summary of all living units to capture the number of different units; number of bedrooms in each unit; and types of units (Regular, Workforce housing, Skilled nursing unit, Student housing, Residential care facility for the elderly, Affordable Housing). The definitions on the different types of units are available in the abovementioned Residential Impact Fee Information Packet as well as in the Pasadena Municipal Code.

The estimated Residential Impact Fee based on the current tax schedule and the submitted information in the application. This amount is a rough estimate and for

informational purposes only. The exact amount will be calculated at the time of Building Permit issuance.

- Construction and Demolition Waste Ordinance, Chapter 8.62 of the PMC  
The applicant shall submit the following plan and form which can be obtained from the Permit Center's webpage at: <https://www.cityofpasadena.net/public-works/recycling-resources/construction-demolition-recycling/construction-and-demolition-debris-recycling/> and the Recycling Coordinator, (626) 744-7175, for approval prior to the request for a permit:
  - a. C & D Recycling & Waste Assessment Plan – Submit plan prior to issuance of the permit. A list of Construction and Demolition Recyclers is included on the waste management application plan form and it can also be obtained from the Recycling Coordinator.
  - b. Summary Report with documentation must be submitted prior to final inspection.

A security performance deposit of three percent of the total valuation of the project or \$30,000, whichever is less, is due prior to permit issuance. For Demolition Only projects, the security deposit is \$1 per square foot or \$30,000, whichever is less. This deposit is fully refundable upon compliance with Chapter 8.62 of the PMC. A non-refundable Administrative Review fee is also due prior to permit issuance and the amount is based upon the type of project.

If you have questions regarding the above conditions and requirements of the ordinances, please contact me at (626) 744-3762 or email [YWu-Bowman@cityofpasadena.net](mailto:YWu-Bowman@cityofpasadena.net).

*Yannie Wu-Bowman*  
YANNIE WU-BOWMAN  
Principal Engineer

YWB:bs



## MEMORANDUM



**DATE:** June 25, 2020

**TO:** Talyn Mirzakhania, Planning Manager  
Planning and Development Department

**FROM:** Conrad Viana, P.E. *CV*  
Engineer

**RE:** Transportation Analysis – Condition Letter (Outside CEQA)

**CASE:** 439 North Hill Avenue

The City of Pasadena Department of Transportation conducted an analysis to review potential transportation impacts related to the proposed construction of a 13-unit development at 439 North Hill Avenue.

Pursuant to the City's transportation study guidelines, DOT recommends the following conditions for the project:

1. The project shall pay the Traffic Reduction and Transportation Improvement Fee (TR-TIF) for the project at the time of building permit issuance. The TR-TIF is subject to change based on the current General Fee Schedule. Total payment would be based on the final scope at the time of project approval.
2. Convex mirrors shall be installed and regularly maintained at both sides of the garage entrance on private property to alert both pedestrians, incoming and outgoing vehicles of potential conflict.
3. Existing on-street parking conditions along the project frontage shall be maintained during and after construction except by permit.
4. Tyler Alley shall be free of any obstructions during and after construction.
5. Resident parking shall not encroach onto Tyler Alley at any time.
6. The City will not issue permanent, on-street overnight parking permits to the future residents of this project. Future tenants shall be advised of the unavailability of permanent, on-street overnight parking permits by the property management.

**Talyn Mirzakhania, Planning Manager**  
**439 North Hill Avenue**  
**June 25, 2020**  
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7. Prior to the start of construction or the issuance of any permits, the applicant shall submit a Construction Staging & Traffic Management Plan to the Department of Public Works for review and approval. This plan shall show the impact of the various construction stages on the public right-of-way including street occupations, parking space relocation agreements, closures, detours, staging areas, and routes of construction vehicles entering and exiting the construction site. Permitted hours for heavy construction vehicle traffic may be limited to the hours between 9:00 AM – 3:00 PM to reduce traffic congestion bordering the project site during peak hours.

This study and conditions have been prepared based on the project scope provided to DOT. An update of the traffic study and its findings might be required if a significant change is made to the project scope, or if additional analysis is requested by the decision makers.

If you have any questions, please feel free to contact me at extension 7424.

Enclosed: Traffic Impact Study, dated 6/24/2020  
- includes Site Plan, dated 7/18/2019

CC: Laura Cornejo, Director of Transportation  
Joaquin Siques, Principal Engineer, DOT  
Richard Dilluvio, Principal Planner, DOT  
Jon Hamblen, Parking Manager, DOT  
Amanda Landry, Senior Planner, Planning Department  
Yannie Wu, Principal Engineer, Public Works  
Bob Sulistio, Associate Engineer, Public Works