Submittal Checklist for
FINAL DESIGN REVIEW

Final Design Review is similar to what is commonly known in the architectural profession as "Construction Documentation," and is the third and final phase of the Design Review process required by Pasadena Municipal Code (PMC) Section 17.61.030, which states, "Final Design Review…focuses on construction details, finishes, materials, landscaping, consistency of the project with the design approved during Concept Design Review and compliance with the conditions of the approved Concept Design Review." The Final Design Review process results in a formal decision and may be reviewed by staff or at a public meeting by the Design Commission based on the design review thresholds in PMC Section 17.61.030. For more information about Design Commission hearings and presentation requirements, refer to the Appendix: Guidance to Applicants for Design Commission Presentations. The Commission may approve, approve with conditions, continue to a subsequent meeting, or disapprove applications for Final Design Review and may establish a subcommittee to conduct additional reviews. Following Final Design Review approval, Design & Historic Preservation (DHP) staff reviews applications submitted for building permit plan check to ensure consistency with the approved Final Design Review plans and compliance with the conditions of Final Design Review approval. DHP staff also conducts periodic inspections during construction and approval of a final DHP inspection is required to obtain a Certificate of Occupancy.

All applications for Design Review shall adhere to applicable City design guideline documents, which can be viewed and downloaded here.

To avoid delays, applicants should coordinate with the following city agency prior to submitting an application for Final Design Review:

☐ *Projects subject to the **Public Art** requirement must have selected an art consultant approved by the Cultural Affairs Division or specified payment of the in-lieu fee to the Cultural Affairs Division before a hearing date can be scheduled for Final Design Review. (626) 744-7062*

MINIMUM SUBMITTAL REQUIREMENTS:
Listed below are the minimum submittal requirements for Final Design Review. Submit this completed checklist with your application materials. *This checklist should be reviewed together with a planner at the Permit Center prior to submittal.* ***Substantially incomplete applications will not be accepted.*** *Additional documentation not included in this checklist should not be included in the Final Design Review submittal (i.e., structural drawings, Title 24 documentation, civil plans, grading plans, etc.)*

☐ **CONCEPT DESIGN REVIEW**
The Concept Design Review phase of Design Review must be completed prior to filing an application for Final Design Review. Refer to the submittal requirements for Concept Design Review for further details.

☐ **ELECTRONIC SUBMITTAL**
All required submittals listed below shall be provided in electronic format via flash drive, email or file transfer to dhpquestions@cityofpasadena.net.

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☐ **PLANNING DIVISION MASTER APPLICATION FORM**
Please complete all information on the application forms. The Notification Packet is NOT required for Final Design Review.

1) Cover Sheet with applicant signature
2) Applicant Authorization for Reproduction of Application Materials
3) Environmental Assessment Forms
4) Tree Inventory
5) Taxpayer Protection Act Disclosure Form
6) Private Tree Removal Application for each protected tree proposed to be removed to accommodate the project (if not previously approved)

☐ **APPLICATION FEES**
Application fees are required for all projects. Applications for Final Design Review will also be charged the 3% Records Management Surcharge. See the adopted fee schedule or consult with Design & Historic Preservation staff to determine the amount of the application fees. Application fees may be paid online once an invoice is created by staff.

☐ **OWNERSHIP VERIFICATION**
1) Copy of Grant Deed, Deed Trust, or Title Report showing ownership
2) Written Consent from property owner to authorize representative, if applicable

☐ **VISUAL CONTEXT PHOTO MONTAGE**
This is intended to demonstrate how the proposed project fits within the surrounding neighborhood context. Supporting text/narrative explanation should be provided to explain how the project responds to its surroundings.

1) Project Site Context: Color photographs of the existing project site taken from various vantage points from the street and from within the project site showing the existing structure(s), tree(s), and other existing site improvements. Provide full elevation photographs of all site structures including detailed images of affected architectural features proposed for alteration, if applicable.
2) Neighborhood Context: Color photographs of existing buildings on both sides of the street on which the project is proposed, between two cross streets. Photographs should identify the address of the property depicted and should be taken perpendicular to the building. If the project is on a corner lot, photographs should include both streets.
3) Photographic Key Map indicating from where and at what angle the photographs were taken. All photographs provided should be labeled to correspond to the locations on the photographic key map.

☐ **BUILDING PROGRAM NARRATIVE**
Describe in narrative format the applicant's programmatic goals for the project in approximately 100 words or less. Note any programmatic changes that have been made since the Concept Design Review phase.

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☐ **DESIGN EVOLUTION EXHIBIT**

1) Written and illustrated exhibit (before and after imagery; e.g., story boards) describing how the project's design concept responds to each of the conditions of Concept Design Review approval and any recommendations.
2) Provide images of studies conducted to address the Concept Design Review conditions, including cases where responses are not proposed to result in changes to the design.
3) Written and illustrated exhibit describing how the previously presented Site Planning and Building Design Concepts have developed since the Concept Design Review approval. The exhibit should clearly visually depict the design evolution.

☐ **PERSPECTIVE RENDERINGS**

Street level perspective renderings or virtual illustrations (in color) depicting the massing of the project, the elevations visible from the street and the building in its context. Provide as many views as necessary to fully convey how the project relates to its context. Photorealistic renderings are required at this stage.

☐ **FINAL DESIGN PLANS** - All plans and elevations shall be drawn to scale and shall include the preparer's contact information, a north arrow, date prepared, the scale, a vicinity map and a legend identifying symbols and abbreviations. All elevations and renderings shall be labeled with cardinal direction of view AND any street names for any views facing street frontages.

☐ Vicinity Map showing ½-mile radius street system with project site highlighted

☐ Cover Sheet with a project data table containing the following information:

1) Total area of site in square footage
2) Gross and Net building area calculations:
   a. Existing and proposed square footage.
   b. Existing and proposed number of buildings and dwelling units.
3) Existing building construction dates.
4) Existing and proposed vehicular parking and bicycle parking spaces with minimum required by the Zoning Code.
5) Existing and proposed loading spaces and size, including minimum standard required by the Zoning Code.
6) Existing and proposed Floor Area Ratio, including maximum allowed by the Zoning Code.
7) Existing and proposed Lot Coverage, including maximum allowed by the Zoning Code.
8) Existing and proposed building heights and number of stories.
9) Total area of project site proposed to be dedicated towards landscaping.
10) Total area of project site proposed to be dedicated towards hardscape/paving.
11) Existing zoning and land use designation.
12) Existing and proposed building occupancy group and construction type.

☐ Survey of the existing conditions on the site, including topography, trees, on-site structures and footprints of adjacent buildings.

☐ Existing/Demolition Site Plan in color including the following information and clearly indicating any structures, building walls, trees and other existing site features proposed to be removed:

1) Property lines and adjoining sidewalks, streets/alleys, curb cuts/driveways and public facilities along the property frontage(s) including utility poles, street lights, transit stops, trash receptacles, etc.
2) Existing structures - location, outside dimensions and use of all existing buildings and structures including building features such as elevated porches and outside stairs.
3) Existing trees with accurate canopies depicted, numbered to correspond to the tree survey provided and indicating those that are protected by the Tree Protection Ordinance and those that are proposed to be removed, retained or relocated. Include trees on adjoining properties that may overlap onto the project site.
4) Existing landscaped areas.
5) Existing paved areas.
6) Existing fences, walls or retaining walls.
7) Footprints of adjacent buildings on abutting property(ies).

☐ Proposed Site Plan in color including the following information:

1) All information listed on the Existing/Demolition Site Plan that is proposed to remain.
2) If on-site structure or tree relocation is proposed, depict the proposed new locations.
3) For additions and new construction, clearly indicate location, outside dimensions and use of proposed new construction including primary and accessory structures and site features.
4) Locations and dimensions of driveways and walkways.
5) Landscaped areas including existing trees to remain and new trees to be planted.
6) Walls and fences (include materials and dimensions for any existing to remain and any newly proposed).
7) Provide proposed locations of ground-mounted mechanical equipment/utilities including electrical vault/transformer, gas and electrical meters, Fire Department Connection, backflow preventer, HVAC condensers, etc.

☐ Proposed Circulation Plan depicting vehicular and pedestrian paths of travel from the public realm to parking areas, common-use areas and private spaces within the proposed project.

☐ Proposed Floor Plans: Dimensioned architectural floor plans, fully coordinated with the Building Elevations and Building Sections, for each floor of proposed new building(s) and any existing building(s) to be retained or relocated, including the following information:

1) Exterior and interior walls and uses of all rooms and spaces.
2) Attached exterior features such as awnings, canopies or balconies.
3) Locations and sizes of all window and door openings. New or altered window and door openings shall be numbered to correspond to the Window and Door Schedule provided (see requirement below).
4) Callouts to locations of Proposed Building and Site Sections provided.
5) For any existing building(s) proposed to remain or be relocated, provide existing/demolition and proposed floor plans for each floor of existing building(s) clearly indicating any walls, windows, doors or other building elements proposed to be removed or altered.

☐ Roof Plan for new building(s) and/or existing building(s) proposed to be retained or relocated, including the following information:

1) Ridges and valleys.
2) Direction and pitch of roof slopes.
3) Roof materials (precise manufacturer, product and color names).
4) Eaves or parapets, including any exposed rafters, beams, brackets, fasciae, gutters, and other features of the roof.
5) Location of all exterior roof-mounted solar panels, mechanical equipment and screening.
6) Location of roof access ladders, permanent building maintenance appurtenances or similar visible features.
7) For any existing building(s) proposed to remain or be relocated, provide existing/demolition and proposed roof plans clearly demonstrating components of the roof proposed to be modified.

☐ Building Elevations that convey in an appropriate visual form, in color and black and white, the proposed building facades, including courtyard or other secondary elevations, with the following information:

1) Accurate depiction of each proposed building facade including roof form, eaves or parapets, building walls, window and door openings and detailing, foundations and all architectural features of the façade including awnings, canopies, bulkheads, cornices, gutters, downspouts and other architectural details.
2) Depict locations and call out all proposed exterior façade materials and features and include a legend listing precise manufacturer, product name and finish for all exterior materials and features proposed, including but not limited to:
    a) Roofing materials or parapet coping. Include eave materials for sloping roofs and fascia, soffit materials for projecting roofs/canopies and screening materials for rooftop mechanical equipment.
    b) All exterior cladding materials.
    c) Windows and doors, including trim and sills.
    d) Architectural trim, banding and other applied architectural features.
    e) Through-the-wall mechanical vents with cap specifications.
    f) Gutters, downspouts and drainage outlets or scuppers.
    g) Exterior wall-mounted lighting fixtures or cameras.
    h) Control joints for stucco or panelized wall systems proposed.
    i) Ladders and other visible building features.
3) Call out building heights, depicting measurement from lowest point of existing grade.
4) Include shading that accurately conveys façade depth, dimensionality and modulation.
5) For additions, clearly demarcate the location of existing walls and new walls.
6) Street elevation drawing or photographic rendering of proposed street-facing elevation(s) and adjacent building(s) on abutting property(ies), to scale.
7) Conceptual locations of signs (separate application for design review or Master Sign Plan may be required for new signs).
8) Callouts to locations of Enlarged Wall Sections provided (see related requirement below).
9) For alterations of existing buildings to remain on the site, provide existing/demolition and proposed elevations of each affected façade that clearly indicate how the facades are proposed to change, including all information listed above for the proposed building elevations.

☐ Proposed Building and Site Sections (cross and longitudinal, for new construction, referenced to callouts provided on the Proposed Floor Plans), including the following information:

1) Building walls (including freestanding walls)
2) Floor-to-floor dimensions.
3) Cuts and fills, as required.

☐ Enlarged Wall Sections referenced to callouts provided on the Building Elevations and depicting articulation of the façade at strategic locations on the building where projecting and recessed volumes, materials transitions, architectural features and openings are proposed. Include callouts to materials, transitions and features shown in each section. Provide callouts to Large Scale Architectural Details provided (see related requirement below). Multiple wall sections should be provided at each building façade.

☐ Large-Scale Architectural Details referenced to callouts provided on the Enlarged Wall Sections for new or altered features or proposed new construction including the following information, as applicable to the project and including precise materials specifications coordinated with the materials call-outs and legend on the Building Elevations provided:

1) Window & door head, jamb and sill details depicting the location of building walls, depth of window/door recess, trim and sill elements and treatment of recess walls and including dimensions. Where multiple exterior cladding materials are proposed, provide window and door details for each cladding material.
2) Roof parapet, canopy and/or eave details, including gutters and downspouts.
3) Storefront details including bulkheads, transoms, awnings, etc.
4) Corner and/or joinery details of exterior cladding materials.
5) Horizontal and vertical transitions between different exterior cladding materials.
6) Canopies, balconies, reveals, soffits, returns, surface-applied materials and features.
7) Drainage features/scuppers and mechanical vents.
8) Other architectural details may be required based on the proposed project design.

☐ Window and Door Schedule corresponding to the numbering system on the Proposed Floor Plans and indicating the existing and proposed framing materials, operation type and dimensions of the windows and doors affected by the project.

☐ Final Landscape Plan including the following information:

1) Planting plan showing location, spacing, common name, botanical name, container size and quantity of all proposed new plant material with distinct plant symbols for each specimen. Include a visual plant palette showing images of all plantings proposed.
2) Landscape construction plan with dimensions, materials, and finishes of all features proposed within the landscaped areas of the site (drawings, manufacturer specifications, and/or photographs and an existing installation).
3) Hardscape details (including paving, trash enclosure, raised planters, water features, fences, walls, site furniture, shade structures, amenity features, etc.).
4) Exterior lighting (including type of fixture and manufacturer specifications).
5) Existing trees proposed to remain (trees with a 4-inch diameter or greater shall be identified by species and diameter-at-breast-height.). If required for protected trees proposed for removal, provide a Tree Replacement Matrix demonstrating compliance with the City's adopted Tree Replacement Matrix.
6) Tree Protection Plan if existing public or private protected trees are proposed to be retained during construction.

☐ **MATERIALS SPECIFICATIONS**

☐ Manufacturer's Specifications (e.g., brochures/product literature) for new manufactured features including cladding materials, windows, doors, light fixtures, vent/drain caps, etc. and precisely indicating materials, finishes and colors proposed for the project, coordinated with specifications in the Building Elevations legend.

☐ Materials Palette Collage (digital) including images, manufacturer and product name/number and finishes and textures for all proposed exterior materials including cladding, accent materials, proposed color/paint and fabric swatches, coordinated with specifications in the Building Elevation legend.

☐ Physical Samples of new materials including exterior cladding, roofing, architectural trims, paving, etc. arranged on a board or other easily portable display suitable for staff review and, if Design Commission review is required, for presentation at a public meeting. Display should include labels referenced to the Building Elevation legend as well as identification of project address, architect name, architect contact information and date. Include a photograph of the display in the digital submittal.

☐ **THREE-DIMENSIONAL DIGITAL MODEL**

☐ Photorealistic digital building form/massing model (i.e., no internal building elements, landscaping, people, cars) of the project as a geo-referenced Google Earth (.kml/.kmz) file for use in placing and viewing the project within the City's digital model of existing buildings in the City.

Note: The City can provide surrounding models in the area-of-interest for context purposes if desired. To assist in the creation and placement of a digital model for the project, please contact the Department of Information Technology at

citygis@cityofpasadena.net to obtain digital models of existing buildings in the vicinity of the project.

☐ Signed 3D Model Usage Policy.

☐ Digital animations/fly-throughs for presentation at the Final Design Review hearing are encouraged but not required.

☐ **ADDITIONAL DOCUMENTATION**

☐ Additional documentation may be required at the City's discretion to fully document the scope, intent and details of the proposed project. These may include assessments of current conditions by qualified professionals, historical drawings or images, samples of existing materials, etc.

APPENDIX:
GUIDANCE TO APPLICANTS FOR DESIGN COMMISSION PRESENTATIONS

The applicant's presentation to the Design Commission is an extremely important component of the design review process and should be given significant attention to ensure that the Commission understands the proposed project's design concept, how that concept was developed, and how the Commission's previous conditions and recommendations have been studied and addressed. This appendix is intended to outline general hearing procedures and provide guidance to allow applicants to develop high quality presentations that provide the Commission with the essential information they will need to provide feedback and make a decision.

Hearing Format

At the scheduled hearing, there will typically be multiple items and project reviews on the Commission's agenda. The agenda order is set by staff and may be modified by the Commission at the start of the meeting. Applicants should provide their presentations to staff in Power Point format by noon on the day of the hearing and should arrive to the meeting at least 15 minutes early to ensure their presentation is functioning properly. Animations/fly-throughs may also be provided in advance of the hearing. When the item is called the following will occur, in this order:

1. Staff presentation.
2. Commission questions to staff.
3. Applicant presentation (15 minutes maximum for all presenters and presentation components, including animations/fly-throughs; additional time may be requested in advance for more complex projects).
4. Commission questions to applicant.
5. Public comment (3 minutes maximum per person).
6. Applicant rebuttal (5 minutes maximum).
7. After the Commission closes the public hearing, no further public or applicant comment is allowed unless specifically requested by the Commission.
8. Commission deliberation and action.

Staff Presentation

The staff presentation will include the following information:

1. Overview of purpose of current design review phase of the project.
2. Project location, current site conditions and surrounding context.
3. Brief project description & history.
4. A brief summary of staff's review of responses to previous conditions (stating simply whether staff finds the previous conditions have been satisfactorily addressed and whether additional conditions are recommended to ensure they are fully addressed as the project advances in the process).
5. Overview of design proposed, using imagery from the submitted application package and generally summarizing the written staff report.
6. Staff recommended conditions.
7. Brief indication of Zoning Code compliance and next steps.
8. Staff recommended action.

Guidelines for Applicant Presentations

The applicant's presentation should explain how the current design was developed, how the project is designed and how it has evolved in response to the Commission's conditions from Concept Design Review. In addition, if there are any concerns with the Final Design Review conditions recommended by staff, those concerns should be noted in the applicant's presentation. Design content provided in the presentation should not differ from the design content included in the plans that are submitted with the application, although additional views and models of the same design may be included. Images should be clear and include pedestrian perspective renderings of the project in context with surrounding existing buildings. Due to the potential length of time between review phases, applicants should expect that Commission membership may change between reviews. As such, each presentation should include a brief summary of the project program and opportunities and constraints of the site. Note that the time for questions and answers between the Commission and applicant is generally not limited; therefore, presentations should be structured to provide an overview of the most important considerations and responses, as determined by the applicant team, with more minor items being reserved for the Q&A period if the Commission has questions about those items. Specific guidelines for applicant presentations for the Final Design Review phase are noted below:

1. Provide a brief reminder of the building program and primary site opportunities and constraints.
2. Describe how the project has changed to address the Commission's Concept Design Review conditions and recommendations. Explain studies that were conducted and provide before and after imagery for each substantive condition/recommendation.
3. Describe further development of the design since Concept Design Review, such as final landscape design, final materials specifications, wall sections and architectural details, treatment of mechanical systems and drainage, lighting, etc.
4. Explain any concerns with the staff report, including staff's recommended conditions.