



Submittal Requirements for New Single Family Residential Dwellings

DS-138

March 2023

City of Murrieta – Development Services Department
1 Town Square, Murrieta CA 92562

SUBMITTAL REQUIREMENTS FOR NEW SINGLE FAMILY RESIDENTIAL DWELLINGS

This handout is designed for assistance in Single Family Dwelling Plan Submittal to the Building and Safety Division. Omission of any of the following plan review items shall be deemed an Incomplete Submittal and will not be accepted for plan review.

The California Model Codes currently in effect are the 2022 California Codes, based on the 2021 International Residential Code (IRC), 2021 Uniform Plumbing and Mechanical Codes (UPC, UMC), 2020 National Electric Code (NEC), 2021 International Fire Code (IFC) and the 2022 California Energy Code, 2022 California Green Building Standard Code ("Cal Green"); and the City of Murrieta Ordinance for Universal Design Residential Dwelling.

Submit one (1) complete set of architectural, structural and PME's plans and supplemental documents digitally. Plans shall conform to DS-162 Digital Submittal Requirements.

Cover Sheet:

1. Vicinity map
2. Assessor's Parcel Number, Tract and Lot number; and Site Address, Building numbers and unit numbers as applicable.
3. Building data: Proposed building sq. ft., use/occupancy , Building Code data: 2022 California Model Codes as based on the 2021 IRC, 2021 UMC and UPC, 2020 NEC, 2021 IFC, 2022 California Energy Code and the 2022 "Cal Green" Code.
4. Building NFPA 13-D fire sprinkler protected (Separate plan submittal to the Fire Department)

Plot Plan: (The cover sheet and plot plan may be combined)

1. Show North Arrow
2. Street frontage, lot lines and lot dimensions
3. Building location and setbacks to property lines and/or easements
4. Existing septic systems, water wells, swimming pools, accessory structures, etc.

Floor Plan:

1. Fully dimensioned and to scale (3/16 inch per foot minimum scale)
2. Show walls as double lined with references to wall construction details indicating wall heights, framing member sizes, spacing and material type; exterior and interior wall finish, etc.
3. Door and window locations, sizes and types
4. Identify all elements of habitable space all room uses, closets, fixed shelves, counters, media niches, fireplaces, appliances, plumbing fixtures, etc.

Elevations:

Provide North, South, East and West side views of the building exterior, showing the structure's exterior features and elements e.g. exterior wall finish, wall veneers, fireplace chimney, roof pitch, roof vents, doors, windows, etc.

Section Views:

Provide section views indicating wall/roof heights; insulation locations for walls, floors and roof/ceilings of conditioned spaces; wall and roof/ceiling finish etc.

Plumbing/Mechanical:

1. Points of connection for water/sewer meter locations
2. Material type & sizes for waste/vent, water and gas supply systems.
3. Provide size and tie in location for all hot and cold water lines
4. Provide pop insulation schedule for all hot water lines.
5. HVAC equipment location; gas stub locations and BTU input for all gas appliances

Electrical Plan:

1. Electrical main service size, location and grounding method, and electrical load calculations.
2. Provide voltage drop calculations as required by CA Electrical, Energy and Green code
3. Provide smoke and carbon monoxide alarms and approved wiring method
4. Electrical power and lighting plans, lighting fixture schedule.
5. Title 24 Energy Code electrical requirements including high efficacy fixture types, motion sensors, dimmer switching or photo controls.
6. EV Chargers as per CA Green Code.
7. Provide Electric Ready Building Requirements

Structural Plan/Foundation/Framing/Roof Plan & Details:

1. Structural design by a State Of California registered engineer or licensed architect if the proposed structure does not comply with conventional light wood framing.
2. Foundation elements to include, footing & slab reinforcement; footing and slab details, including base preparation, sand layer(s), moisture barrier; anchor bolt size and spacing, hold down devices, etc.
3. Structural frame plan(s) and key referenced details for walls, floor levels and roof.
4. One (1) set of "wet" or digitally stamped/signed Structural Calculations.
5. One (1) set of "wet" or digitally stamped/signed RoofTruss Calculations (if applicable). The architect or engineer of record shall first review and stamp the truss layout sheet, indicating the design to be in general conformance with the building design, prior to submittal to the Building and Safety Division for review and approval.
6. Provide Manufacture specification sheets all specialty equipment (I.E. Simpson Shear Walls).

Supplemental Information:

1. One (1) copy of current Geotechnical soils reports, dated within 1 year of plan submittal or, an older report with an update letter addressing current soils data from the same engineering firm.
2. Provide at submittal, prescriptive method Energy Forms T-24, or State approved computerized ENV /PERF (Envelope), MECH (Mechanical), LTG (lighting) and Mandatory Measures energy calculation forms for new conditioned space; and all the required compliance forms are to be copied to the full size plan sheets.
3. Include full plan size copies of the City Divisions Conditions of Approval to the plans as applicable.
4. One copy of the approved precise grading plan for reference.
5. Fees are based on the current City of Murrieta annualy Adopted Fee Schedule.
6. The contractor must sign the permit application and provide evidence of current CA State contractor's license. All contractor's/sub-contractor's must show proof of State and City licenses and shall comply with Sec. 3800 of the Labor Code regarding Workers Compensation.
7. Applicant shall obtain all required clearances and/or approvals from the appropriate water and sewer district(s) prior to submission of plans. Private water (well) and sewer (septic) shall have approval clearances from County of Riverside Department of Environmental Health.
8. Prior to permit issuance one {1} copy of a Waste Management Plan DS-153 if the project is to be phased for construction waste diversion shall be submitted to Building and Safety Department.