

Submittal Requirements for New Construction of Commercial/Industrial Structures

DS-136

April 2023

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

SUBMITTAL REQUIREMENTS FOR NEW CONSTRUCTION OF COMMERCIAL / INDUSTRIAL STRUCTURES

This handout is designed for assistance in Commercial/Industrial 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.

***Verification of an approved and issued precise grading plan is required prior to Building permit issuance.**

Landscape plans (separate from building plans) shall be submitted directly to the Planning Division. For further information contact the project planner.

CONSTRUCTION PLANS SHALL INCLUDE BUT NOT BE LIMITED TO:

Cover Sheet:

1. Vicinity Map
2. Parcel Number(s), and Site Address
3. Building data, e.g. Type of construction, proposed and allowable S.F., building use/occupancy, occupant loads, building fully fire sprinkler protected or, non-sprinkler protected building, etc.
4. Building Code Data: 2019 California Model Codes as based on the 2022 IRC, 2022 UMC and UPC, 2020 NEC, 2022 IFC, 2022 California Energy Code and the 2022 Cal Green Code.
5. Sheet Index
6. Project Contacts

Plot Plan:

1. North Arrow
2. Building setback dimensions to property lines and seismic fault zone.
3. Right-of ways, easements.
4. Accessible parking and access aisles, pedestrian walkways, pedestrian and curb ramps, exterior routes of travel between building(s) and at least one route to the public right-of-way. Van accessible spaces shall be configured as 12' wide, 18' long, with a 5' access aisle on the passenger side.



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5. Electrical Vehicle Charging Stations (EVCS), EVCS Spaces equipped with Electrical Vehicle Service Equipment (EVSE), whether "future" or permanent, with a minimum of one 12' ft. wide van accessible parking space and a 5' ft. access aisle.

Floor Plans

Egress and Exiting Plan

Reflected Ceiling

Plans Elevation Views:

1. Including line of site for roof top equipment shielding.
2. Exterior roof access ladders and electrical switchgear shall not be located on the exterior of buildings; therefore, they should not be shown on elevation views.

Section Views

Details

Cal Green check list incorporated info plan set

Plumbing/Mechanical Plan:

1. Site meter locations, building system supply and disposal
2. System material type and sizes, waste/vent layouts, isometrics, water distribution and calculations, fixtures schedule, etc.
3. HVAC equipment location, distribution layout, material type & sizes; fire/smoke control devices and activation.
4. Gas line diagram, material type, sizes and calculations.
5. Condensate drain lines above roof shall be copper

Electrical Plan:

1. Electrical Site Plan, exterior lighting in compliance with Mt. Palomar Lighting Ordinance.
2. Interior Main Distribution/Switch Gear location, main switch gear capacity, single line diagram, panel schedules, load calculations, etc.
3. Electrical power and lighting plans, interior fixture schedule, illuminated exit signs and emergency illumination (if applicable).

Structural Plan/General Notes/Foundation/Floor/Ceiling/Roof Plan & Details:

1. Soil design and allowable load bearing values, based on a current soils report; referenced by date and engineering firm.
2. Structural design criteria and applicable loads for soil, wind seismic; including seismic importance factor, mapped spectral response acceleration, site classification, spectral response coefficients, seismic design category, design base shear, seismic response coefficients, response modification



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factor(s) and analysis procedure.

3. Foundation supporting elements and connections, reinforcement, slab and footing details, etc.
4. Structural frame plan(s).
5. Complete structural calculations (cross referenced to plans).

City Department Conditions of Approval:

Provide full size plan sheet(s) indicating all project conditions from each Division's Conditions of Approval.

Civil Sheets:

Provide full-size civil design precise grade plan, correlating with or, referring to the architectural site plan for accessible parking spaces/access aisles, routes of travel, transition components, details, etc. Civil Sheets shall be labeled as "For Reference Only".

Supplemental Information:

1. Submittal should include one (1) copy of current, preliminary/final soils report(s).
2. Submittal may include one (1) set of digital signed original "8.5 x 11" ENV or PERF; MECH, LTG, and PLM Building Energy Calculations with required forms copied to the full size plan sheets.
3. Separate submittals are required for On-Site "Wet" Utilities for multi-building and/or multi-parcel projects, or as based on project Conditions of Approval.
4. Separate submittals are required for accessory structures walls, trash enclosures, parking lot light standards, monument signs, etc.
5. All grading plans shall be submitted directly to the Engineering Department for review and approval
6. Fire alarm systems and fire sprinkler system plans shall be submitted directly to the Fire Department for review and approval.
7. Fees are based on the current City of Murrieta Adopted Fee Schedule.
8. Contact Murrieta Unified School District at 951-696-1600 x1182, and/or Menifee Valley Union School District at 951-672-1851 regarding school fees.
9. Restaurant/food establishments must obtain approval from Riverside County Health Department/ Food Division; and the local water/sewer purveyor for grease waste interceptors prior to permit issuance.
10. All commercial and industrial buildings must obtain "Will Serve" approval from the local water/sewer district(s).
11. All contractors/sub-contractors must show proof of State and City licenses and shall comply with Sec. 3800 of the Labor Code regarding Workers Compensation.
12. Applicant shall obtain all required clearances and/or approvals from the appropriate water district(s) prior to issuance of any building permits.
13. Waste Management report and documentation per Cal Green Building Code 5.408 – see City form DS-153