City of Santa Clara
2022 Climate Action Plan
Compliance Checklist

Purpose of the Compliance Checklist

In 2022, the City adopted a Climate Action Plan (CAP) that outlines the actions the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reductions for the interim target year 2030. The purpose of the 2022 CAP Compliance Checklist (Checklist) is to:

- Demonstrate substantial compliance with GHG reduction strategies from the 2022 CAP in new development projects;[1] and
- Provide a streamlined environmental review pursuant to the California Environmental Quality Act (CEQA).

CEQA Guidelines Section 15183.5 allows for public agencies to analyze and mitigate GHG emissions as part of a larger plan for the reduction of GHGs. Accordingly, the City of Santa Clara's 2022 CAP represents the City's qualified climate action plan in compliance with CEQA. Pursuant to CEQA Guidelines Section 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of the CAP.

Instructions for Compliance Checklist

This Checklist applies to proposed discretionary projects that are consistent with the City's General Plan and that require environmental review pursuant to CEQA. This Checklist only includes CAP actions applicable to new development. Other CAP measures that do not apply to or require action on the part of private and public development projects are not included in this Checklist. Applicants shall complete the following table to demonstrate conformance with the City of Santa Clara 2022 CAP for the proposed project. Projects involving General Plan Amendments may not use this Checklist and shall quantify emissions.

Please check the appropriate box in the right column to indicate whether the project will implement the action or if it is not applicable. In the Explanation box below, please provide a narrative description explaining how the action would be implemented, or why it is not applicable to the project.

[1] City staff will determine if project is substantially compliant with the 2022 CAP based on the information provided in this checklist and project plans.

Action	Action Implemented?
NEAR TERM ACTIONS	
B-1-4: Municipal Electrification Action Plan (City projects only)	
Work with regional energy partnerships to develop and implement a Municipal Electrification Action Plan for City facilities that includes identified funding sources and specific timelines for completion.	☐ Yes ☐ No ☒ Not Applicable
Explanation: The Proposed Project is not a City Project	
B-1-5: Reach codes for new construction	
Implement all-electric reach codes, with exceptions. *The adopted Reach Codes require: the all-electric building electrification with electric vehicle charging Reach code ordinance would apply to all new building permit applications per City Ordinance 2034 .*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please check all features proposed and use space below to describe any additional design features proposed) ☒ Solar Photovoltaic Panels (Non-residential and multifamily residential buildings) ☒ EV charging stations (Non-Residential and multifamily buildings) ☒ All electric building construction (All new construction) ☒ Mechanical systems and equipment (all new construction)	
B-1-7: Carbon-neutral data centers	
Require all new data centers to operate on 100% carbon neutral energy, with offsets as needed.	☐ Yes ☐ No ☒ Not Applicable
Explanation: (Please coordinate with your customer service rep with SVP. City staff will complete this action section) The Proposed Project is not a data center	
B-2-3: Energy-efficient and electric-ready building code.	
Update local building code to increase energy efficiency standards to at least CALGreen Tier 1. *What level of efficiency will the project achieve?*	☒ Mandatory
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) The proposed project would include CalGreen Energy Efficiency measures to meet applicable standards	

Action	Action Implemented?
B-3-5: Local grid resiliency & energy storage improvements (Optional)	
Accelerate improvements to the energy grid or storage as needed to transition the city to renewable energy sources. These improvements may include subsidy and grant programs for electrification in existing buildings to reduce the cost of battery storage and electric vehicle charging/storage system installation. *Would this project include battery storage systems?*	☐ Yes ☒ No ☐ Not Applicable
Explanation: The proposed project would not include investments in these optional energy sources	
T-1-2: EV charging for all new construction	
Implement EV charging requirements as specified in the adopted Reach Code.	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) The propsoed project would include EV Charging points consistent with the Reach Code	
T-2-1: Pedestrian & Bicycle Master Plans Implementation	
Fund and accelerate implementation of the Pedestrian Master Plan and Bicycle Master Plan focusing on 1) closing gaps in the bicycle and pedestrian networks with a focus on high demand arterials; 2) installing painted buffers or physical vertical elements on high stress roadways documented in the Bicycle Master Plan; and 3) implementing spot improvements in high traffic areas (e.g., bicycle detection, bulb-outs, and wayfinding elements) such that walking and biking comprise 10% of total city mode share. *Will the project be consistent with the Pedestrian Master Plan and Bicycle Master Plan?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please note relevant conditions of approval from the planning entitlement, demonstrate compliance on project plans, and describe below.) The propsoed project would include improvments required by the City for pedestrian and bicycle infrastructure at points near the project site.	
T-3-1: TDM plan requirements	
Introduce the following TDM plan requirements: Require a 25% reduction in project-based VMT through active TDM measures for large employers over 500 employees, including aggressive regulations to reduce parking in new developments. For the purpose of calculating the number of employees, separate employees sharing a building or project site would be treated as one employer.	☒ Yes ☐ No ☐ Not Applicable

Action	Action Implemented?
Adopt a 20% reduction of VMT for multifamily residential with a 10% reduction through active TDM measures, which may require parking maximums, in new developments. Projects shall provide annual reports demonstrating compliance with VMT reduction targets, pursuant to procedures established by City staff.	
Explanation: (Please list TDM measures proposed) The propsoed project would include a TDM plan including 10 percent active reduction	
T-3-3: Transit-oriented development (Projects within ½ mile of transit corridor only)	
Introduce requirements and/or incentives to encourage transit-oriented development (TOD) near transit corridors. *Is the project within 1/2 mile of transit corridor with 15-minute headways?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please show on plans and describe below any design features or TDM measures such as parking reductions that encourage transit use) The proposed project is within a half mile of Route 57 which has 15 minute headways	
T-3-4: Telework (Optional)	
Expand telecommuting options through fiber infrastructure investment and expand existing TDM programs to include telecommuting. Explore longer term municipal employee telework policies building from existing practices.	☐ Yes ☐ No ☒ Not Applicable
Explanation: (Please provide telework plan if applicable) The proposed project would not include specific investments in Fiber internet and would connect to existing services	
T-3-5: Transportation Analysis Policy compliance	
Require that all projects comply with the Transportation Analysis Policy that was adopted by Council in June 2020, which establishes requirements for evaluating the transportation impacts of residential, commercial, and industrial projects.	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please state the project's effects on VMT pursuant to Transportation Analysis Policy and as outlined in the CEQA document) The proposed project was analyzed in a Transportation Assessment for VMT and Local Transportation issues.	

Action	Action Implemented?
M-1-1: Compliance with State Solid Waste Ordinances	
Comply with state solid waste laws, including AB-1826, AB-341, and SB-1383. These bills require that businesses public entities, and communities expand recycling and composting infrastructure to meet the state's ambitious landfill waste reduction targets. AB-1826 requires commercial businesses that generate a certain level of organic waste arrange for recycling services for that waste. AB-341 similarly requires that commercial businesses and public entities that generate certain levels of weekly waste have a recycling program in place. SB-1383 requires that California reduce organic waste to landfills by 75% by 2025 and rescue 20% of surplus edible food in phases beginning in 2025. *Will the project comply with the above listed state solid waste laws?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please provide copy of contract with solid waste service provider prior to issuance of building permits) The proposed project would comply with solid waste policies and will provice a contract with a solid waste provider prior to issuance of building permits	
N-1-1: Right-of-way tree planting (Residential Projects Only)	
Promote residential street tree planting in the right-of-way (in front of the property line). Under the City's current street tree program, all planting, pruning and removal of street trees is provided to residents at no charge. *For development projects, will the project plant trees in the right-of-way?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please show in plans and describe below if project would include residential tree planting in right-of-way) The proposed project would include tree planting alon the right of way on Pruneridge	
N-3-4: Community water portfolio diversion (Optional)	
Continue collaboration with agency partners such as South Bay Water Recycling, Valley Water, BAWSCA, and SFPUC to diversify water supply portfolio and expand current sources. Diversified water portfolio towards drought resiliency could include utilizing a varying mix of surface and groundwater and requiring the increased use of recycled urban water in applicable sectors (e.g., irrigation, groundwater recharge, dual pump plumbing, cooling towers). *For development projects, will the project install or connect to the recycled water system?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please show in plans and describe below how, if at all, the project would connect to or expand the existing recycled water system) The proposed project would connect to recycled water lines for landscaping and non-potable needs	

Action	Action Implemented?
C-2-4: Climate Resilience Capital Improvements Program (City projects only)	
Incorporate climate resiliency strategies and considerations in development of discretionary CIP projects including new park projects. Review design standards to incorporate climate resiliency considerations as appropriate.	☐ Yes ☐ No ☒ Not Applicable
Explanation: (Please show in plans and describe how project would incorporate resiliency strategies below) The propsoed project is not a City project	
MID-TERM ACTIONS	
B-1-3: Electric panel upgrades upon sale/turnover	
Require electric panel upgrades as appropriate upon sale and/or renter turnover for low-rise residential and small multi-family and commercial buildings to facilitate the transition to clean electricity buildings and vehicles. *For development projects, will the project include CC&Rs for upgrade upon renter turnover?*	☐ Yes ☐ No ☒ Not Applicable
Explanation: (Please provide copy of deed restriction demonstrating panel upgrade requirement and describe below) The proposed project is a new structure and is not a building upgrade	
T-2-2: Curb management improvements (Optional)	
Incentivize projects that optimize curbside areas for low-carbon modes and reduce VMT such as designated rideshare parking and loading zones, scooter and bike share docks, bike parking, electric vehicle and bike charging stations, and autonomous vehicle loading zones. *For development projects, will the project include any of the above-mentioned features?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) The proposed project would include bicycle parking and ridshare loading zones	
T-2-3: Bike & shared mobility improvements	
Increase public access to bikes, including electric bikes, implementing a bikeshare program, expanded bike parking, electric bike rebates, and requiring new developments to include one secured bicycle parking spot for each multi-family residential unit. Electrical outlets shall be available in bike storage room for ebike charging.	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below.) The propsoed project would include a bicycle parking area for the development consistent with the requirements of the City	

Action	Action Implemented?
T-3-2: Sustainable development in underutilized non-residential areas	
Require higher density, mixed-use development in the Specific Plan Areas. These developments should include increased building heights, zoning changes, to higher density mixed residential, and consider opportunities for mixed land use and/or transit-oriented development.	☐ Yes ☐ No ☒ Not Applicable
Explanation:(Please demonstrate compliance on project plans and describe under explanation below) The project site is not within a Specific Plan Area	
M-3-1: Reuse of salvageable building materials	
Promote organizations, such as The Reuse People, in Santa Clara County that salvage building materials. Building materials have a high amount of embodied carbon-the GHG emissions associated with producing a product. By supporting the reuse of these materials, Santa Clara can help reduce these emissions. *Will the project utilize, reuse and salvage building materials for project construction?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: The proposed project would include salvaging of building material waste to the extent possible	
N-3-3: Water-efficient landscaping requirements	
Expand requirements for water-efficient landscaping practices, including requirements for cooling (trees, green roofs) and drought-tolerant native plants. Update the Model Water Efficient Landscaping Ordinance (MWELO) to apply to landscape renovations of 1,000 square feet or larger. *Does the project comply with the City's adopted Model Water Efficient Landscaping Ordinance (MWELO) which includes water-efficient landscaping practices?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on plans and describe under explanation below) The proposed project would include a landscaping palette including native plants and low water consumption	
N-3-5: Recycled water connection requirements	
Require the use of recycled water for all non-potable uses where recycled water is available, per City Code 13.15.160. Require all new development where applicable to connect to the recycled water distribution system in order to provide recycled water for approved uses that at the development site.	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on project plans and describe under explanation below) The proposed project would connect with and utilize recycled water to the greatest extent possible	

Action	Action Implemented?
C-2-2: On-site & natural stormwater systems	
Integrate natural stormwater systems within site and building design and expand on-site stormwater management capacity. Natural stormwater systems reduce pollution to waterways, conserve water resources, and reduce flood risks.	☒ Yes ☐ No ☐ Not Applicable
Explanation: (Please demonstrate compliance on project storm drainage plans and describe under explanation below) The proposed project would comply with the requirements for stormwater management and would include filta	
C-2-3: High albedo parking lots	
As part of conditions of approval, require all new parking lots to be surfaced with more sustainable pavement materials (e.g., high-albedo permeable pavement, e-pavement, etc.) to reduce heat gain during extreme heat events, reduce energy consumption related to cooling, and reduce stormwater runoff.	☐ Yes ☐ No ☒ Not Applicable
Explanation: (Please note standard condition of approval, demonstrate compliance with quantification of parking lot area on project plans, and describe under explanation below) The proposed project would not include a substantial amount of parking area outside of the parking structure	
LONG-TERM ACTIONS	
M-3-4: Carbon-smart building materials	
Educate architects, designers, and contractors to enable and promote carbon-sequestering and high-albedo building materials in new construction and renovations. This could include requirements for disclosing and/or limiting the embodied carbon emissions of buildings through whole-building or material specific policies. Sustainable building materials can significantly reduce emissions from construction projects; this action ensures that developers have the tools and information they need to build more sustainably. *Does the project use carbon-sequestering and high-albedo building materials in new construction and renovations?*	☒ Yes ☐ No ☐ Not Applicable
Explanation: The propsoed project would comply with Title 24 and CALgreen requirements and would be constructed with sustainable building materials to the extent possible	
N-2-3: Sustainable planting guide (Optional)	
Support local organizations in developing a planting guide that prioritizes increasing available soil, carbon sequestration, resilience, and other equitably distributed co-benefits. The guide could include information on native and climate-adaptive plants, how to properly apply compost and mulch, reducing synthetic fertilizers to support soil health, how to reduce water use and store more water in the ground, and how to store carbon in soil, plants, and trees.	☒ Yes ☐ No ☐ Not Applicable

Action	Action Implemented?
Does the landscaping guide follow Calscape guidelines with regards to drainage and plant palette?	
Explanation: The planting guide will comply with City of Santa Calra guidelines and would use drought tolerant plants and native species	