SD CLIMATE ACTION PLAN CONSISTENCY CHECKLIST INTRODUCTION

In December 2015, the City adopted a Climate Action Plan (CAP) that outlines the actions that City will undertake to achieve its proportional share of State greenhouse gas (GHG) emission reductions. The purpose of the Climate Action Plan Consistency Checklist (Checklist) is to, in conjunction with the CAP, provide a streamlined review process for proposed new development projects that are subject to discretionary review and trigger environmental review pursuant to the California Environmental Quality Act (CEQA).¹

Analysis of GHG emissions and potential climate change impacts from new development is required under CEQA. The CAP is a plan for the reduction of GHG emissions in accordance with CEQA Guidelines Section 15183.5. Pursuant to CEQA Guidelines Sections 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.

This Checklist is part of the CAP and contains measures that are required to be implemented on a project-by-project basis to ensure that the specified emissions targets identified in the CAP are achieved. Implementation of these measures would ensure that new development is consistent with the CAP's assumptions for relevant CAP strategies toward achieving the identified GHG reduction targets. Projects that are consistent with the CAP as determined through the use of this Checklist may rely on the CAP for the cumulative impacts analysis of GHG emissions. Projects that are not consistent with the CAP must prepare a comprehensive project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions and incorporation of the measures in this Checklist to the extent feasible. Cumulative GHG impacts would be significant for any project that is not consistent with the CAP.

The Checklist may be updated to incorporate new GHG reduction techniques or to comply with later amendments to the CAP or local, State, or federal law.

¹ Certain projects seeking ministerial approval may be required to complete the Checklist. For example, projects in a Community Plan Implementation Overlay Zone may be required to use the Checklist to qualify for ministerial level review. See Supplemental Development Regulations in the project's community plan to determine applicability.

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SUBMITTAL APPLICATION

- The Checklist is required only for projects subject to CEQA review.²
- If required, the Checklist must be included in the project submittal package. Application submittal procedures can be found in <u>Chapter 11: Land Development Procedures</u> of the City's Municipal Code.
- The requirements in the Checklist will be included in the project's conditions of approval.
- The applicant must provide an explanation of how the proposed project will implement the requirements described herein to the satisfaction of the Planning Department.

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Contact Information		
Project No./Name:		
Property Address:		
Applicant Name/Co.:		
Contact Phone:	Contact Email:	
Was a consultant retained to complete this checklist? Consultant Name:	□ Yes □ No Contact Phone:	If Yes, complete the following
Company Name:	Contact Email:	
Project Information		
1. What is the size of the project (acres)?		
 Identify all applicable proposed land uses: □ Residential (indicate # of single-family units): 		
Residential (indicate # of multi-family units):		
Commercial (total square footage):		
Industrial (total square footage):		
 Other (describe): 3. Is the project or a portion of the project located in a Transit Priority Area? 	□ Yes □ No	

4. Provide a brief description of the project proposed:

² Certain projects seeking ministerial approval may be required to complete the Checklist. For example, projects in a Community Plan Implementation Overlay Zone may be required to use the Checklist to qualify for ministerial level review. See Supplemental Development Regulations in the project's community plan to determine applicability.



Step 1: Land Use Consistency

The first step in determining CAP consistency for discretionary development projects is to assess the project's consistency with the growth projections used in the development of the CAP. This section allows the City to determine a project's consistency with the land use assumptions used in the CAP.

Step 1: Land Use Consistency			
Checklist Item (Check the appropriate box	and provide explanation and supporting documentation for your answer)	Yes	No
 zoning designations?;³ B. If the proposed project includes a land use pla result in an increased actions, as determined C. If the proposed project the project include a la 	consistent with the existing General Plan and Community Plan land use and <u>OR</u> , is not consistent with the existing land use plan and zoning designations, and n and/or zoning designation amendment, would the proposed amendment density within a Transit Priority Area (TPA) ⁴ and implement CAP Strategy 3 in Step 3 to the satisfaction of the Development Services Department?; <u>OR</u> , is not consistent with the existing land use plan and zoning designations, does nd use plan and/or zoning designation amendment that would result in an -intensive project when compared to the existing designations?		

If "**Yes**," proceed to Step 2 of the Checklist. For question B above, complete Step 3. For question C above, provide estimated project emissions under both existing and proposed designation(s) for comparison. Compare the maximum buildout of the existing designation and the maximum buildout of the proposed designation.

If "**No**," in accordance with the City's Significance Determination Thresholds, the project's GHG impact is significant. The project must nonetheless incorporate each of the measures identified in Step 2 to mitigate cumulative GHG emissions impacts unless the decision maker finds that a measure is infeasible in accordance with CEQA Guidelines Section 15091. Proceed and complete Step 2 of the Checklist.

³ This question may also be answered in the affirmative if the project is consistent with SANDAG Series 12 growth projections, which were used to determine the CAP projections, as determined by the Planning Department.

⁴ This category applies to all projects that answered in the affirmative to question 3 on the previous page: Is the project or a portion of the project located in a transit priority area.

Step 2: CAP Strategies Consistency

The second step of the CAP consistency review is to review and evaluate a project's consistency with the applicable strategies and actions of the CAP. Step 2 only applies to development projects that involve permits that would require a certificate of occupancy from the Building Official or projects comprised of one and two family dwellings or townhouses as defined in the California Residential Code and their accessory structures.⁵ All other development projects that would not require a certificate of occupancy from the Building Official shall implement Best Management Practices for construction activities as set forth in the <u>Greenbook</u> (for public projects).

Step 2: CAP Strategies Consistency	y		
Checklist Item (Check the appropriate box and provide explanation for your answer)	Yes	No	N/A
Strategy 1: Energy & Water Efficient Buildings			
1. Cool/Green Roofs.			
 Would the project include roofing materials with a minimum 3-year aged solar reflection and thermal emittance or solar reflection index equal to or greater than the values specified in the voluntary measures under <u>California Green Building Standards Code</u> (Attachment A)?; <u>OR</u> Would the project roof construction have a thermal mass over the roof 			
membrane, including areas of vegetated (green) roofs, weighing at least 25 pounds per square foot as specified in the voluntary measures under <u>California</u> <u>Green Building Standards Code</u> ?; <u>OR</u>			
 Would the project include a combination of the above two options? 			
Check "N/A" only if the project does not include a roof component.			

⁵ Actions that are not subject to Step 2 would include, for example: 1) discretionary map actions that do not propose specific development, 2) permits allowing wireless communication facilities, 3) special events permits, 4) use permits or other permits that do not result in the expansion or enlargement of a building (e.g., decks, garages, etc.), and 5) non-building infrastructure projects such as roads and pipelines. Because such actions would not result in new occupancy buildings from which GHG emissions reductions could be achieved, the items contained in Step 2 would not be applicable.

. Plumbing fixtures and fittings		
With respect to plumbing fixtures or fittings provided as part of the project, would those low-flow fixtures/appliances be consistent with each of the following:		
Residential buildings:		
 Kitchen faucets: maximum flow rate not to exceed 1.5 gallons per minute at 60 psi; 		
 Standard dishwashers: 4.25 gallons per cycle; 		
 Compact dishwashers: 3.5 gallons per cycle; and Clothes washers: water factor of 6 gallons per cubic feet of drum capacity? 		
Nonresidential buildings:		
 Plumbing fixtures and fittings that do not exceed the maximum flow rate specified in <u>Table A5.303.2.3.1 (voluntary measures) of the California Green</u> <u>Building Standards Code</u> (See Attachment A); and 		
• Appliances and fixtures for commercial applications that meet the provisions of <u>Section A5.303.3 (voluntary measures) of the California Green Building Standards</u> Code (See Attachment A)?		
Check "N/A" only if the project does not include any plumbing fixtures or fittings.		

Strategy 3: Bicycling, Walking, Transit & Land Use		
3. Electric Vehicle Charging		
 <u>Multiple-family projects of 17 dwelling units or less</u>: Would 3% of the total parking spaces required, or a minimum of one space, whichever is greater, be provided with a listed cabinet, box or enclosure connected to a conduit linking the parking spaces with the electrical service, in a manner approved by the building and safety official, to allow for the future installation of electric vehicle supply equipment to provide electric vehicle charging stations at such time as it is needed for use by residents? <u>Multiple-family projects of more than 17 dwelling units</u>: Of the total required listed cabinets, boxes or enclosures, would 50% have the necessary electric vehicle supply equipment installed to provide active electric vehicle charging stations ready for use by residents? <u>Non-residential projects</u>: Of the total required listed cabinets, boxes or enclosures, would 50% have the necessary electric vehicle charging stations ready for use by residents? <u>Non-residential projects</u>: Of the total required listed cabinets, boxes or enclosures, would 50% have the necessary electric vehicle supply equipment installed to provide active electric vehicle charging stations ready for use? <u>Non-residential projects</u>: Of the total required listed cabinets, boxes or enclosures, would 50% have the necessary electric vehicle supply equipment installed to provide active electric vehicle charging stations ready for use? 		
Strategy 3: Bicycling, Walking, Transit & Land Use (Complete this section if project includes non-residential or mixed uses)		
4. Bicycle Parking Spaces Would the project provide more short- and long-term bicycle parking spaces than required in the City's Municipal Code (<u>Chapter 14, Article 2, Division 5</u>)? ⁶ Check "N/A" only if the project is a residential project.		

⁶ Non-portable bicycle corrals within 600 feet of project frontage can be counted towards the project's bicycle parking requirements.

0-10 0 0 11-50 1 shower stall 2 51-100 1 shower stall 3 101-200 1 shower stall 4 1 shower stall plus 1 1 two-tier locker plus 1
51-100 1 shower stall 3 101-200 1 shower stall 4
101-200 1 shower stall 4
1 shower stall plus 1 1 two tion locker plus 1
Over 200 additional shower stall for each 200 additional two-tier locker for each 50 additional tenant- tenant-occupants Image: Constraint of the shower stall for each 200 additional

	Number of Required Parking	Number of Designated Parking			
	Spaces 0-9	Spaces 0			
	10-25	2			
	26-50	4			
	51-75	6			
	76-100	9			
	101-150	11			
	151-200	18			
	201 and over	At least 10% of total			
be conside spaces are	red eligible for designated pa to be provided within the ove	stickers from expired HOV lane rking spaces. The required desi erall minimum parking requiren	gnated parking		
addition to					
addition to Check "N/A nonresider	" only if the project is a reside ntial use in a TPA.	ential project, or if it does not inc	clude		

7. Transportation Demand Management Program			
If the project would accommodate over 50 tenant-occ include a transportation demand management progra existing tenants and future tenants that includes:	upants (employees), would it am that would be applicable to		
At least one of the following components:			
Parking cash out program			
 Parking management plan that includes chargin single-occupancy vehicle parking and providing spaces for registered carpools or vanpools 			
 Unbundled parking whereby parking spaces wo from the rental or purchase fees for the develop development 			
And at least three of the following components:			
 Commitment to maintaining an employer network program and promoting its RideMatcher service 			
On-site carsharing vehicle(s) or bikesharing			
Flexible or alternative work hours			
Telework program			
Transit, carpool, and vanpool subsidies			
• Pre-tax deduction for transit or vanpool fares ar	d bicycle commute costs	П	П
 Access to services that reduce the need to drive, stores, banks, post offices, restaurants, gyms, or 1,320 feet (1/4 mile) of the structure/use? 			
Check "N/A" only if the project is a residential project o over 50 tenant-occupants (employees).	r if it would not accommodate		

Step 3: Project CAP Conformance Evaluation (if applicable)

The third step of the CAP consistency review only applies if Step 1 is answered in the affirmative under option B. The purpose of this step is to determine whether a project that is located in a TPA but that includes a land use plan and/or zoning designation amendment is nevertheless consistent with the assumptions in the CAP because it would implement CAP Strategy 3 actions. In general, a project that would result in a reduction in density inside a TPA would not be consistent with Strategy 3.The following questions must each be answered in the affirmative and fully explained.

1. Would the proposed project implement the General Plan's City of Villages strategy in an identified Transit Priority Area (TPA) that will result in an increase in the capacity for transit-supportive residential and/or employment densities?

Considerations for this question:

- Does the proposed land use and zoning designation associated with the project provide capacity for transit-supportive residential densities within the TPA?
- Is the project site suitable to accommodate mixed-use village development, as defined in the General Plan, within the TPA?
- Does the land use and zoning associated with the project increase the capacity for transit-supportive employment intensities within the TPA?
- 2. Would the proposed project implement the General Plan's Mobility Element in Transit Priority Areas to increase the use of transit? Considerations for this question:
 - Does the proposed project support/incorporate identified transit routes and stops/stations?
 - Does the project include transit priority measures?
- 3. Would the proposed project implement pedestrian improvements in Transit Priority Areas to increase walking opportunities? Considerations for this question:
 - Does the proposed project circulation system provide multiple and direct pedestrian connections and accessibility to local activity centers (such as transit stations, schools, shopping centers, and libraries)?
 - Does the proposed project urban design include features for walkability to promote a transit supportive environment?

4. Would the proposed project implement the City of San Diego's Bicycle Master Plan to increase bicycling opportunities? Considerations for this question:

- Does the proposed project circulation system include bicycle improvements consistent with the Bicycle Master Plan?
- Does the overall project circulation system provide a balanced, multimodal, "complete streets" approach to accommodate mobility needs of all users?

5. Would the proposed project incorporate implementation mechanisms that support Transit Oriented Development? <u>Considerations for this question:</u>

- Does the proposed project include new or expanded urban public spaces such as plazas, pocket parks, or urban greens in the TPA?
- Does the land use and zoning associated with the proposed project increase the potential for jobs within the TPA?
- Do the zoning/implementing regulations associated with the proposed project support the efficient use of parking through mechanisms such as: shared parking, parking districts, unbundled parking, reduced parking, paid or time-limited parking, etc.?

6. Would the proposed project implement the Urban Forest Management Plan to increase urban tree canopy coverage?

Considerations for this question:

- Does the proposed project provide at least three different species for the primary, secondary and accent trees in order to accommodate varying parkway widths?
- Does the proposed project include policies or strategies for preserving existing trees?
- Does the proposed project incorporate tree planting that will contribute to the City's 20% urban canopy tree coverage goal?

SD CLIMATE ACTION PLAN CONSISTENCY CHECKLIST ATTACHMENT A

This attachment provides performance standards for applicable Climate Action Pan (CAP) Consistency Checklist measures.

Land Use Type	Roof Slope	Minimum 3-Year Aged Solar Reflectance	Thermal Emittance	Solar Reflective Index
Law Diag Desidential	≤2:12	0.55	0.75	64
Low-Rise Residential	> 2:12	0.20	0.75	16
High-Rise Residential Buildings,	≤2:12	0.55	0.75	64
Hotels and Motels	> 2:12	0.20	0.75	16
Nex Desidential	≤2:12	0.55	0.75	64
Non-Residential	> 2:12	0.20	0.75	16

CALGreen does not include recommended values for low-rise residential buildings with roof slopes of \leq 2:12 for San Diego's climate zones (7 and 10). Therefore, the values for climate zone 15 that covers Imperial County are adapted here.

Solar Reflectance Index (SRI) equal to or greater than the values specified in this table may be used as an alternative to compliance with the aged solar reflectance values and thermal emittance.

able 2 Fixture Flow Rates for Non-Residential Buildings related to Question 2: Plumbing Fixtures and Fittings supporting Strategy 1: Energy & Water Efficient Buildings of the Climate Action Plan				
	Fixture Type	Maximum Flow Rate		
	Showerheads	1.8 gpm @ 80 psi		
	Lavatory Faucets	0.35 gpm @60 psi		
	Kitchen Faucets	1.6 gpm @ 60 psi		
	Wash Fountains	1.6 [rim space(in.)/20 gpm @ 60 psi]		
	Metering Faucets	0.18 gallons/cycle		
Metering	Faucets for Wash Fountains	0.18 [rim space(in.)/20 gpm @ 60 psi]		
Gravit	y Tank-type Water Closets	1.12 gallons/flush		
Flusho	meter Tank Water Closets	1.12 gallons/flush		
Flusho	meter Valve Water Closets	1.12 gallons/flush		
Electromec	nanical Hydraulic Water Closets	1.12 gallons/flush		
	Urinals	0.5 gallons/flush		
Electromec	nanical Hydraulic Water Closets Urinals	1.12 gallons/flush		

Source: Adapted from the <u>California Green Building Standards Code</u> (CALGreen) Tier 1 non-residential voluntary measures shown in Tables A5.303.2.3.1 and A5.106.11.2.2, respectively. See the <u>California Plumbing Code</u> for definitions of each fixture type.

Where complying faucets are unavailable, aerators rated at 0.35 gpm or other means may be used to achieve reduction.

Acronyms:

gpm = gallons per minute psi = pounds per square inch (unit of pressure)

in. = inch

	es and Fixtures for Commercial Applications and Fixtures for Commercial Applications ittings supporting Strategy 1: Energy & V	-		
Appliance/Fixture Type	Standard			
Clothes Washers	Maximum Water I (WF) that will reduce the use of below the California Energy Comm for commercial clothes washers of the California Code of	water by 10 percent hissions' WF standards s located in Title 20		
Conveyor-type Dishwashers	0.70 maximum gallons per rack (2.6 L) (High-Temperature)	0.62 maximum gallons per rack (4.4 L) (Chemical)		
Door-type Dishwashers	0.95 maximum gallons per rack (3.6 L) (High-Temperature)	1.16 maximum gallons per rack (2.6 L) (Chemical)		
Undercounter-type Dishwashers	0.90 maximum gallons per rack (3.4 L) (High-Temperature)	0.98 maximum gallons per rack (3.7 L) (Chemical)		
Combination Ovens	Consume no more than 10 gallons per hour (38 L/h) in the full operational mode.			
Commercial Pre-rinse Spray Valves (manufactured on or after January 1, 2006) Function at equal to or less than 1.6 gallons per minute (0.10 L/s) at 60 psi (414 kPa) a Be capable of cleaning 60 plates in an average time of not more than 30 seconds per plate. Be equipped with an integral automatic shutoff. Operate at static pressure of at least 30 psi (207 kPa) when designed for a fl rate of 1.3 gallons per minute (0.08 L/s) or less.				
Source: Adapted from the <u>California Green Building Standa</u> the <u>California Plumbing Code</u> for definitions of each applia		asures shown in Section A5.303.3. See		
Acronyms: L = liter L/h = liters per hour L/s = liters per second psi = pounds per square inch (unit of pressure) kPa = kilopascal (unit of pressure)				

ATTACHMENT A –3416 Crown Pt. Dr.- Glockner Residence (Project No. ******)

CAP CONSISTENCY CHECKLIST SUPPORTING DOCUMENTATION

PROJECT DESCRIPTION

A request for a COASTAL DEVELOPMENT PERMIT to construct a new single family residence with a 4 car basement garage and companion unit. The residence shall be 4 bedrooms with a 2 bedroom companion unit. The residence shall be 2,613 sf with a 1,049 sf basement and 747 square foot companion unit. The proposed project would conform to the Sustainable Buildings Expedite Program by generating 50 percent or more of the projected total energy consumption on site through renewable energy resources (i.e. photovoltaic).

Land Use Consistency

The project site is designated for Residential –low density (limit of 7 dwelling units per acre) in the Pacific Beach Plan District and Local Coastal Program. The RS1-7 zone implements the designated use and density. The proposed new dwelling is consistent with the prescribed use and density of the specific plan. The project is consistent with the area designated for residential development by the General Plan and the land use designation of the Community Plan, and is consistent with the existing underlying zone.

CAP Strategies Consistency

STRATEGY 1. ENERGY & WATER EFFICIENT BUILDINGS

- Cool/ Green Roofs This project will include roofing materials with a minimum 3-year aged solar reflection and thermal emittance or solar reflection index equal to or greater than the values specified in the voluntary measures under California Green Building Standards Code.
- 2. Plumbing fixtures and fittings The project will use low-flow fixtures/ appliances be consistent with each of the following:
 - Kitchen faucets: maximum flow rate not to exceed 1.5 gallons per minute at 60 psi;
 - Standard dishwashers: 4.25 gallons per cycle
 - Compact dishwashers: 3.5 gallons per cycle; and
 - Clothes washers: water factor of 6 gallons per cubic feet of drum capacity.

STRATEGY 2. CLEAN & RENEWABLE ENERGY

3. Clean & Renewable Energy – the residence is designed to have an energy budget that shows a 15% energy improvement when compared to the Title 24, Part 6 Energy Budget for the Proposed Design Building as calculated by Compliance Software certified by the California Energy Commission. The demand reduction will be provided through the list on the last page describing the sustainable design features for this home:

ATTACHMENT A –3416 Crown Pt. Dr.- Glockner Residence (Project No. ******)

STRATEGY 3. BICYCLE, WALKING, TRANSIT & LAND USE

- 4. Electrical Vehicle Charging- The required parking serving the residence will be served by an enclosed garage and an exterior parking space. Inside the garage a listed cabinet, box or enclosure connected to a raceway linking the required parking space to the electrical service shall be installed. This is to allow for the future installation of electric vehicle supply equipment to provide an electric vehicle charging station for the use of each individual unit.
- 5. Bicycle Parking Spaces- The project is not required to comply with the requirements of one bicycle storage per unit located within the garage, per table 142-05C. Although ample storage is provided in the garage for bicycles.
- 6. Shower Facilities- This requirement is not applicable for residential projects per the City of San Diego CAP consistency checklist.
- 7. Designated Parking Spaces- This requirement is not applicable for residential projects per the City of San Diego CAP consistency checklist.
- 8. Transportation Demand Management Program- This requirement is not applicable for residential projects per the City of San Diego CAP consistency checklist.

ATTACHMENT A –3416 Crown Pt. Dr.- Glockner Residence (Project No. ******)

SUSTAINABLE FEATURES – GLOCKNER RESIDENCE

- 1. The residence shall exceed TITLE -24 energy rating by 15% and will include sustainable features as indicated below.
- 2. The residence will be provided with recycled cellulose fiber insulation. A product made from 75% recycled paper and provides better resistance to air flow and temperature changes within the structures.
- 3. The residence shall be equipped with a solar photo voltaic system that shall generate a minimum of 50% of the anticipated electrical energy demand.
- 4. All windows and doors shall be dual-pane LOW-E glass panels.
- 5. Lighting shall have occupancy sensors and be high efficiency.
- 6. All appliances shall be ENERGY STAR rated.
- 7. Use of low VOC paints throughout.
- 8. Framing shall be from sustainable manufactured lumber.
- 9. The design implements strategies to provide for passive solar heating and natural ventilation to reduce the potential for heat loss and heat gain loads on the home to minimize the use of artificial heating and cooling mechanisms.
- 10. HVAC ductwork shall be efficient and sealed properly to prevent air loss.
- 11. The residence shall each have a high-efficiency heating cooling system.
- 12. Ceiling fans shall be installed throughout to reduce heat gain.
- 13. Efficient tank-less water heater shall be installed.