4.1 CUMULATIVE IMPACTS

INTRODUCTION

This section addresses the project's potential to contribute to cumulative impacts in the region. CEQA Guidelines Section 15355 defines cumulative impacts as "two or more individual effects that, when considered together, are considerable or which compound or increase other environmental impacts."

CUMULATIVE SETTING

The cumulative setting for North Douglas project include buildout proposed under the Sunrise Douglas Community and SunRidge Specific Plans, which includes the ~~Sunrise Douglas 2~~ Suncreek Specific Plan, the Preserve at Sunridge, Sunridge Park, Sunridge Park Lot J, Montelena, Sunridge East, and the Anatolia I, II, III developments. In addition, there are several other planned, proposed, and approved projects in the City of Rancho Cordova and eastern Sacramento County, which include, but are not limited to, Rio Del Oro, and the Villages at Zinfandel which contribute to cumulative development in the vicinity of the proposed project.

CUMULATIVE IMPACT ANALYSIS

Aesthetics

Implementation of the proposed project would not contribute to cumulative visual resource or aesthetic impacts. Thus, *less than cumulatively considerable* impacts to aesthetic resources are anticipated under cumulative conditions.

Agricultural Resources

The entire SDCP area, which includes the project site, was specifically identified in the Sacramento County General Plan as an Urban Development Area and falls within the Urban Services Boundary. Issues resulting from (i) new growth in this area, (ii) conversion of agricultural land to urban uses, (iii) compatibility with the surrounding area; and (iv) loss of open space were globally addressed in the SDCP/SRSP EIR. The project would not result in cumulatively significant loss of agricultural resources or farmlands; therefore, *less than cumulatively considerable* impacts are anticipated.

Air Quality

The proposed project would contribute to cumulative air quality impacts in the vicinity. Mitigation measures contained in Section 3.0 (Subsection III, Air Quality) of this MND would reduce the impacts to the greatest extent feasible. The project would result in cumulative adverse air emissions; however, the project's contributions are expected to be *less than cumulatively considerable with mitigation incorporation* as identified in Section 3.0 of this MND, which would reduce the project's air quality related impact to the greatest extent feasible.

Biological Resources

The project would contribute to cumulative biological resource impacts within the SDCP/SRSP areas; however, implementation of the proposed mitigation measures identified in Section 3.0

(Subsection IV, Biological Resources) of this MND would mitigate the project's contribution to a cumulative loss of biological resources to *less than cumulatively considerable*.

Cultural Resources

Implementation of the proposed project would contribute to an increase in cultural resource impacts. However, mitigation measures identified in Section 3.0 (Subsection V, Cultural Resources) of this MND would reduce the project-specific impacts. Thus, the project would have a *less than cumulatively considerable* impact.

Geology and Soils

Project-related impacts on geology and soils would be site-specific and implementation of the proposed project would not contribute to seismic hazards or water quality impacts associated with soil erosion. Therefore, the proposed project is anticipated to have *no impact* on cumulative geophysical conditions in the region.

Hazards and Hazardous Materials

The project would contribute to hazards associated with the accidental release of hazardous materials; however, mitigation measures would reduce cumulative hazard conditions to *less than cumulatively considerable*.

Hydrology and Water Quality

Implementation of the project has the potential to result in cumulative hydrology and water quality impacts; however, the mitigation measures identified in Section 3.0 (Subsection VIII, Hydrology and Water Quality) reduce the project's potential cumulative impacts on hydrology and water quality to *less than cumulatively considerable*.

Land Use and Planning

The North Douglas project is part of the SunRidge Specific Plan area, which is the first of a series of specific plans that will implement the Sunrise Douglas Community Plan (approved on July 19, 2002) and the Sacramento County General Plan. The SunRidge Specific Plan provides a detailed framework for development of the Plan Area to implement the guiding principles and policies established in the Community Plan. The Sunrise Douglas Community Plan/SunRidge Specific Plan (SDCP/SRSP) areas were identified as an Urban Development Area and falls within the Urban Services Boundary, community issues resulting from new growth in this particular location, including land use, increased population, and housing were globally addressed in the SDCP/SRSP FEIR, page 4.33. Therefore, the project would result in *less than cumulatively considerable* cumulative land use and planning impacts.

Mineral Resources

The proposed project would not result in any site-specific or significant impacts to mineral resources and *less than cumulatively considerable* impacts under cumulative conditions are anticipated.

Noise

Implementation of project would result in temporary and permanent changes in the ambient noise levels in the vicinity; however, the mitigation measures in identified in Section 3.0 (Subsection XI, Noise) of this MND would mitigate cumulative noise impacts to *less than cumulatively considerable*.

Population and Housing

The North Douglas project is part of the SunRidge Specific Plan area, which is the first of a series of specific plans that will implement the Sunrise Douglas Community Plan (approved on July 19, 2002) and the Sacramento County General Plan. The SunRidge Specific Plan provides a detailed framework for development of the Plan Area to implement the guiding principles and policies established in the Community Plan. The Sunrise Douglas Community Plan/SunRidge Specific Plan (SDCP/SRSP) areas were identified as an Urban Development Area and falls within the Urban Services Boundary, community issues resulting from new growth in this particular location, including land use, increased population, and housing were globally addressed in the SDCP/SRSP FEIR, page 4.33. Therefore, the project would result in *less than cumulatively considerable* cumulative population and housing impacts.

Public Services

The project is not expected to contribute to cumulative public service impacts. The project may result in impacts to fire and police protection during construction. However, these activities are temporary in nature. Additionally, mitigation measures contained in Section 3.0 (Subsection XIII, Public Services) of this MND would mitigate such impacts. Implementation of the proposed improvements would not result in a cumulative increase in severity of public service impacts. Thus, *less than cumulatively considerable* public services impacts are anticipated.

Recreation

The project includes park and open space components, which would reduce potential impacts on existing park related facilities in the area. The North Douglas project is part of the SDCP/SRSP areas, which will provide approximately 9.0-acres of parklands that are not currently available. Therefore, the project would not contribute to cumulative parks and recreation impacts and *less than cumulatively considerable* impacts are anticipated.

Utilities and Service Systems

Construction activities related to the proposed project may result in temporary impacts to utilities and service systems, including water and sewer facilities. Mitigation measures proposed in Section 3.0(Subsection XVI, Utilities and Service Systems) of this MND would reduce the project's cumulative impacts to *less than cumulatively considerable*.

Transportation/Circulation

Under cumulative conditions, the North Douglas project would not cause any roadways to exceed Sacramento County standards for daily travel under cumulative conditions; however, when considered with other development proposed in the Specific Plan area, the project would exacerbate and contribute to unacceptable conditions at some of the roadways bordering the SRSP area. Mitigation Measures identified in Section 3: Initial Study XV: Transportation and Traffic,

of this MND would reduce the project's contribution to cumulative traffic related impacts to *less than cumulatively considerable*.

Water

The water supply plan and associated environmental impacts for the SDCP/SRSP areas were evaluated in the SDCP/SRSP EIR (see Section 7: Water Supply). A conjunctive use program, consistent with the Water Forum Plan (WFP), will ultimately be implemented to supply water to the proposed project sites. ~~However, environmental analysis of the Zone 40 Master Plan Update and the facilities to implement the groundwater and surface water elements have not been completed, nor has detailed planning or facility design been determined.~~ Environmental analysis of the Zone 40 Master Plan has been completed (SCH# 2002122068). While it is likely that Zone 40 conjunctive use facilities (groundwater, surface water, and recycled water) will be implemented in a timely manner to serve the projects, such facilities cannot be guaranteed until they are approved (SDCP/SRSP EIR Section 7: Water Supply page 7.60). However, water supply contracts and infrastructure system are ~~currently being~~ finalized for the SDCP/SRSP areas and the "Final" Public Facility Financing Plan ~~will~~ provides the needed funding mechanisms to implement the construction of the proposed water systems (Sacramento County. *Public Facilities Financing Plan for the SunRidge Specific Plan*. July 2002). Implementation of MM 16.1c, identified in Section 3.0 (Subsection XVI, item b, Utility and Service Systems) will ensure compliance with the CO-20 development cap by only allowing development to proceed for which a safe and reliable long-term water supply has been identified and acquired. The North Douglas project is not anticipated to result in any additional cumulative water supply impacts than those identified in the SDCP/SRSP EIR.