



Planning for Success.

DRAFT SUBSEQUENT ENVIRONMENTAL IMPACT REPORT

RIVER VIEW AT LAS PALMAS ASSISTED LIVING SENIOR FACILITY

STATE CLEARINGHOUSE # 2017031025

PREPARED FOR

River View at Las Palmas LLC

January 29, 2018

EMC PLANNING GROUP INC.
A LAND USE PLANNING & DESIGN FIRM

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1-1
1.1	Purpose for Preparing the EIR	1-1
1.2	Methodology	1-1
1.3	EIR Process	1-3
1.4	Terminology	1-6
2.0	SUMMARY.....	2-1
2.1	Proposed Project Summary.....	2-1
2.2	Summary of Significant Impacts and Mitigation Measures	2-2
2.3	Areas of Known Controversy	2-2
2.4	Summary of Alternatives.....	2-5
2.5	Comparison of Alternatives	2-7
3.0	ENVIRONMENTAL SETTING	3-1
3.1	Project Site and Vicinity Setting.....	3-1
3.2	Baseline Conditions	3-2
3.3	Regional Setting	3-2
3.4	Consistency with Applicable Plans.....	3-12
4.0	PROJECT DESCRIPTION.....	4-1
4.1	Project Objectives.....	4-1
4.2	Project Characteristics	4-1
4.3	Intended Uses of the EIR	4-20
5.0	AESTHETICS.....	5-1
5.1	Environmental Setting	5-1
5.2	Regulatory Setting	5-2
5.3	Thresholds or Standards of Significance	5-23

5.4	Environmental Impact Analysis	5-23
5.5	Impact Summary and Mitigation Measures	5-30
6.0	AIR QUALITY	6-1
6.1	Environmental Setting.....	6-1
6.2	Regulatory Setting	6-9
6.3	Thresholds or Standards of Significance	6-15
6.4	Environmental Impact Analysis	6-16
6.5	Impact Summary and Mitigation Measures	6-20
7.0	BIOLOGICAL RESOURCES	7-1
7.1	Environmental Setting.....	7-1
7.2	Regulatory Setting	7-17
7.3	Thresholds or Standards of Significance	7-21
7.4	Environmental Impact Analysis	7-22
7.5	Impact Summary and Mitigation Measures	7-22
8.0	GREENHOUSE GAS EMISSIONS.....	8-1
8.1	Environmental Setting.....	8-1
8.2	Regulatory Setting	8-8
8.3	Thresholds or Standards of Significance	8-16
8.4	Environmental Impact Analysis	8-20
8.5	Impact Summary and Mitigation Measures	8-22
9.0	TRANSPORTATION & TRAFFIC.....	9-1
9.1	Environmental Setting.....	9-1
9.2	Regulatory Setting	9-4
9.3	Thresholds or Standards of Significance	9-9
9.4	Environmental Impact Analysis	9-11
9.5	Impact Summary and Mitigation Measures	9-23

10.0	WATER SUPPLY	10-1
10.1	Environmental Setting	10-1
10.2	Regulatory Setting	10-7
10.3	Thresholds or Standards of Significance	10-10
10.4	Environmental Impact Analysis	10-11
10.5	Impact Summary and Mitigation Measures	10-13
11.0	EFFECTS NOT FOUND TO BE SIGNIFICANT.....	11-1
11.1	CEQA Requirements	11-1
11.2	Agricultural/Forest Resources	11-1
11.3	Cultural Resources.....	11-1
11.4	Geology & Soils.....	11-2
11.5	Hazardous Materials.....	11-2
11.6	Surface Hydrology.....	11-5
11.7	Mineral Resources	11-7
11.8	Noise.....	11-7
11.9	Public Services.....	11-8
11.10	Recreation	11-9
11.11	Solid Waste	11-9
11.12	Wastewater	11-10
12.0	ENERGY	12-1
12.1	CEQA Requirements	12-1
12.2	Methodology	12-1
12.3	Energy Setting	12-1
12.4	Energy Regulatory Setting.....	12-2
12.5	Projected Energy Consumption.....	12-6
12.6	Guidance for Energy Efficiency/Conservation.....	12-7
12.7	Conclusion	12-8

13.0	CUMULATIVE IMPACTS.....	13-1
13.1	CEQA Requirements	13-1
13.2	Cumulative Development Scenario.....	13-2
13.3	Cumulative Impacts and the Proposed Project's Contribution.....	13-3
14.0	GROWTH INDUCING	14-1
14.1	CEQA Requirements	14-1
14.2	Economic Growth Inducement	14-1
14.3	Removing Impediments to Growth	14-2
14.4	Population Growth Inducement.....	14-2
15.0	SIGNIFICANT UNAVOIDABLE IMPACTS	15-1
15.1	Summary of Significant Unavoidable Impacts.....	15-1
16.0	IRREVERSIBLE IMPACTS	16-1
16.1	CEQA Requirements	16-1
16.2	Proposed Project Effects.....	16-1
17.0	ALTERNATIVES	17-1
17.1	CEQA Requirements	17-1
17.2	Alternatives Considered	17-1
17.3	Alternatives Considered But Rejected	17-9
17.4	Comparison of Alternatives	17-9
18.0	DOCUMENT AND WEB SOURCES	18-1
19.0	REPORT PREPARERS.....	19-1

Appendices

- Appendix A Las Palmas Ranch Specific Plan and Final EIR
- Appendix B Notice of Preparation and NOP Comment Letters
- Appendix C California Emissions Estimator Model Results
- Appendix D Higgins Traffic Report
- Appendix E Cal Water Can and Will Serve Letter
- Appendix F Landset Geotechnical Report
- Appendix G CalAm Can and Will Serve Letter

Figures

Figure 3-1	Project Location	3-3
Figure 3-2	Aerial Photograph.....	3-5
Figure 3-3	Surrounding Uses	3-7
Figure 3-4	Project Site Photos.....	3-9
Figure 4-1	Site Plan	4-3
Figure 4-2	A Unit Casitas	4-7
Figure 4-3	B Unit Casitas	4-9
Figure 4-4	C Unit Casitas	4-11
Figure 4-5	Assisted Care Facility.....	4-13
Figure 4-6	Memory Care Facility.....	4-15
Figure 5-1	Viewpoints of Site.....	5-3
Figure 5-2	Public Viewpoint 1.....	5-5
Figure 5-3	Public Viewpoint 2.....	5-7
Figure 5-4	Public Viewpoint 3.....	5-9
Figure 5-5	Public Viewpoint 4.....	5-11
Figure 5-6	Public Viewpoint 5.....	5-13
Figure 5-7	Public Viewpoint 6.....	5-15
Figure 5-8	Public Viewpoint 7.....	5-17
Figure 5-9	Visual Simulation from State Route 68.....	5-25
Figure 5-10	Visual Simulation from Reservation Road	5-27
Figure 7-1	Habitat Map	7-3
Figure 9-1	Project Trip Distribution	9-13

Figure 9-2	Project Trip Generation.....	9-15
Figure 9-3	AM & PM Peak Hour Volumes and Project Trip Assignment.....	9-17
Figure 9-4	Intersection Levels of Service.....	9-19
Figure 11-1	Project Site Slopes	11-3

Tables

Table 2-1	Significant Impacts and Mitigation Measure Summary.....	2-3
Table 3-1	Policy Consistency Review (Las Palmas Ranch Specific Plan, Monterey County 2010 General Plan, Toro Area Plan).....	3-13
Table 6-1	Common Air Pollutants.....	6-3
Table 6-2	Typical Non-road Engine Emissions Standards (g/bhp-hr).....	6-6
Table 6-3	North Central Coast Air Basin Attainment Status Designations	6-8
Table 6-4	Summary of Ambient Air Quality Data (2013-2015)	6-8
Table 6-5	Federal and State Ambient Air Quality Standards.....	6-10
Table 6-6	CalEEMod Operational Modeling Results, Winter and Summer Emissions (Pounds per Day)	6-19
Table 7-1	Special-Status Plant Species with Potential to Occur in Vicinity.....	7-6
Table 7-2	Special-Status Wildlife Species with Potential to Occur in Vicinity.....	7-11
Table 8-1	GHG Types and Their Contribution to Global Warming.....	8-5
Table 8-2	GHG Global Warming Potentials	8-6
Table 8-3	1990 California Greenhouse Gas Inventory for Residential Land Use Related Emissions Sectors.....	8-18
Table 8-4	Unmitigated 2020 Operational Phase GHG Emissions (MT/year)	8-21
Table 9-1	Existing and Existing Plus Project Traffic Volumes.....	9-22
Table 10-1	River View at Las Palmas Potable Water Demand Estimate1, 2	10-11
Table 10-2	Projected, Existing, and Proposed Las Palmas Ranch Water Use	10-12
Table 17-1	Project Alternatives Summary	17-9