



## TABLE OF CONTENTS

Section 1.0:	Executive Summary.....	1-1
	1.1 Project Location .....	1-1
	1.2 Project Summary .....	1-1
	1.3 Goals and Objectives.....	1-2
	1.4 Environmental Issues/Mitigation Summary .....	1-2
	1.5 Summary of Project Alternatives .....	1-48
Section 2.0:	Introduction and Purpose .....	2-1
	2.1 Purpose of the EIR.....	2-1
	2.2 Compliance with CEQA .....	2-2
	2.3 Notice of Preparation/Early Consultation (Scoping).....	2-2
	2.4 Format of the EIR.....	2-4
	2.5 Responsible and Trustee Agencies .....	2-5
	2.6 Incorporation by Reference .....	2-5
Section 3.0:	Project Description .....	3-1
	3.1 Project Location and Setting.....	3-1
	3.2 Background and History .....	3-4
	3.3 Project Characteristics .....	3-5
	3.4 Goals and Objectives.....	3-18
	3.5 Phasing/Construction.....	3-18
	3.6 Agreements, Permits, and Approvals.....	3-18
Section 4.0:	Basis of Cumulative Analysis .....	4-1
Section 5.0:	Environmental Analysis.....	5-1
	5.1 Land Use and Relevant Planning .....	5.1-1
	5.2 Aesthetics/Light and Glare.....	5.2-1
	5.3 Biological Resources .....	5.3-1
	5.4 Cultural Resources.....	5.4-1
	5.5 Traffic and Circulation.....	5.5-1
	5.6 Air Quality .....	5.6-1
	5.7 Greenhouse Gas Emissions.....	5.7-1
	5.8 Noise .....	5.8-1
	5.9 Geology and Soils.....	5.9-1
	5.10 Hazards and Hazardous Materials .....	5.10-1
	5.11 Hydrology and Water Quality.....	5.11-1
	5.12 Public Services and Utilities .....	5.13-1
Section 6.0:	Other CEQA Considerations .....	6-1
	6.1 Long-Term Implications of the Proposed Project.....	6-1
	6.2 Irreversible Environmental Changes That Would Be Involved In the Proposed Action Should It Be Implemented.....	6-1
	6.3 Growth-Inducing Impacts .....	6-2
	6.4 Energy Conservation .....	6-7



## TABLE OF CONTENTS (continued)

Section 7.0:	Alternatives to the Proposed Project.....	7-1
7.1	“No Project” Alternative.....	7-3
7.2	“Reduced Density” Alternative.....	7-16
7.3	“Mixed Use” Alternative.....	7-22
7.4	“Environmentally Superior” Alternative.....	7-27
Section 8.0:	Effects Found Not To Be Significant.....	8-1
Section 9.0:	Organizations and Persons Consulted.....	9-1
Section 10.0:	Bibliography.....	10-1
Section 11.0:	Appendices (under separate cover and contained on CD)	
11.1	Notice of Preparation and Comment Letters	
11.2	Habitat Assessment	
11.3	Traffic Impact Analysis/Parking Study	
11.4	Air Quality/Greenhouse Gas Emissions Data	
11.5	Noise Data	
11.6	Geotechnical Investigation	
11.7	Phase I Environmental Site Assessment	
11.8	Hydrology and Water Quality Technical Studies	
11.9	Utility Correspondence	



## LIST OF EXHIBITS

Exhibit 3-1	Regional Vicinity.....	3-2
Exhibit 3-2	Site Vicinity.....	3-3
Exhibit 3-3	Conceptual Site Layout.....	3-6
Exhibit 3-4	Conceptual Aerial View.....	3-9
Exhibit 3-5	Proposed North Elevation.....	3-10
Exhibit 3-6	Proposed West Elevation.....	3-11
Exhibit 3-7	Proposed South Elevation.....	3-12
Exhibit 3-8	Proposed East Elevation.....	3-13
Exhibit 4-1	Cumulative Projects Map.....	4-5
Exhibit 5.2-1	Key View Location Map.....	5.2-3
Exhibit 5.2-2	Key View 1 - Existing Condition.....	5.2-4
Exhibit 5.2-3	Key View 2 - Existing Condition.....	5.2-6
Exhibit 5.2-4	Other Cliff Drive Park View Photographs.....	5.2-7
Exhibit 5.2-5	Key View 3 - Existing Condition.....	5.2-8
Exhibit 5.2-6	Existing On-Site Conditions.....	5.2-9
Exhibit 5.2-7	Existing Surrounding Conditions.....	5.2-10
Exhibit 5.2-8	Existing Shade/Shadow Patterns.....	5.2-14
Exhibit 5.2-9	Key View 1 - Existing and Proposed Conditions.....	5.2-30
Exhibit 5.2-10	Key View 2 - Existing and Proposed Conditions.....	5.2-31
Exhibit 5.2-11	Key View 3 - Existing and Proposed Conditions.....	5.2-32
Exhibit 5.2-12	Shade/Shadow Patterns.....	5.2-37
Exhibit 5.5-1	Location of Study Intersections.....	5.5-2
Exhibit 5.8-1	Sound Levels and Human Response.....	5.8-2
Exhibit 5.8-2	Noise Measurement Locations.....	5.8-7



## LIST OF EXHIBITS (continued)

Exhibit 5.11-1	Existing Drainage Conditions.....	5.11-3
Exhibit 5.11-2	Existing Off-Site Municipal Storm Drain Facilities .....	5.11-5
Exhibit 5.11-3	Proposed Drainage Conditions .....	5.11-29



## LIST OF TABLES

Table 1-1	Comparison of Alternatives .....	1-50
Table 3-1	Existing On-Site Uses .....	3-1
Table 3-2	Proposed Hotel .....	3-7
Table 4-1	Cumulative Projects List.....	4-2
Table 5.1-1	Existing On-Site Uses .....	5.1-1
Table 5.1-2	Coastal Act and Coastal Land Use Plan Policy Consistency .....	5.1-14
Table 5.1-3	Coastal Land Use Plan Consistency Analysis.....	5.1-22
Table 5.1-4	General Plan Policy Consistency Analysis .....	5.1-39
Table 5.1-5	Development Standards Consistency Analysis .....	5.1-52
Table 5.5-1	V/C and LOS Ranges .....	5.5-9
Table 5.5-2	State Highway Intersection LOS and Delay Ranges .....	5.5-10
Table 5.5-3	Existing Peak Hour Levels of Service – Newport Beach and Costa Mesa .....	5.5-11
Table 5.5-4	Existing Peak Hour Levels of Service – State Highway .....	5.5-12
Table 5.5-5	Off-Street Parking Requirements.....	5.5-17
Table 5.5-6	Proposed Project Trip Generation Rates.....	5.5-22
Table 5.5-7	Proposed Project Trip Generation.....	5.5-23
Table 5.5-8	Existing Plus Project Conditions AM/PM Peak Hour LOS.....	5.5-24
Table 5.5-9	Forecast Year 2018 Cumulative Without Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-25
Table 5.5-10	Forecast Year 2018 Cumulative With Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-26
Table 5.5-11	One Percent Volume Analysis Newport Beach TPO Forecast Year 2018 With Project .....	5.5-28
Table 5.5-12	Newport Beach TPO Forecast Year 2018 Without Project Conditions AM/PM Peak Hour Intersection LOS .....	5.5-29
Table 5.5-13	Newport Beach TPO Forecast Year 2018 With Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-31
Table 5.5-14	Project Trip Generation Comparison.....	5.5-32



## LIST OF TABLES (continued)

Table 5.5-15	Forecast General Plan Buildout Without Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-33
Table 5.5-16	Forecast General Plan Buildout With Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-34
Table 5.5-17	State Highway Existing With Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-36
Table 5.5-18	State Highway Forecast Year 2018 Cumulative Without Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-37
Table 5.5-19	State Highway Forecast Year 2018 Cumulative With Project Conditions.....	5.5-38
Table 5.5-20	State Highway Forecast General Plan Buildout Without Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-38
Table 5.5-21	State Highway Forecast General Plan Buildout With Project Conditions AM/PM Peak Hour Intersection LOS.....	5.5-39
Table 5.5-22	Other City Hotel Parking Codes .....	5.5-42
Table 5.5-23	ITE Parking Generation 85th Percentile Parking Rates.....	5.5-43
Table 5.5-24	Parking for the L’Auberge Del Mar.....	5.5-44
Table 5.5-25	L’Auberge Del Mar Parking Requirements per Newport Beach Municipal Code.....	5.5-44
Table 5.5-26	Parking for the Estancia La Jolla.....	5.5-45
Table 5.5-27	Estancia La Jolla Parking Requirements per Newport Beach Municipal Code.....	5.5-45
Table 5.5-28	Recommended Parking Requirements .....	5.5-46
Table 5.5-29	Time of Day Parking Needs.....	5.5-47
Table 5.5-30	Lido House Hotel Parking Needs by Time of Day.....	5.5-47
Table 5.6-1	Measured Air Quality Levels.....	5.6-3
Table 5.6-2	Surrounding Off-Site Sensitive Receptors .....	5.6-6
Table 5.6-3	National and California Ambient Air Quality Standards.....	5.6-7
Table 5.6-4	SCAQMD Regional Pollutant Emission Thresholds of Significance .....	5.6-9
Table 5.6-5	Maximum Daily Pollutant Emissions During Construction.....	5.6-12
Table 5.6-6	Long-Term Operational Air Emissions .....	5.6-17



## LIST OF TABLES (continued)

Table 5.6-7	Localized Significance of Emissions.....	5.6-18
Table 5.6-8	Project Cumulative Air Quality Impacts .....	5.6-24
Table 5.7-1	Business As Usual Greenhouse Gas Emissions .....	5.7-11
Table 5.8-1	Noise Descriptors .....	5.8-3
Table 5.8-2	Sensitive Receptors .....	5.8-6
Table 5.8-3	Noise Measurements .....	5.8-8
Table 5.8-4	Existing Traffic Noise Levels.....	5.8-9
Table 5.8-5	City of Newport Beach Exterior Noise Standards .....	5.8-10
Table 5.8-6	City of Newport Beach Interior Noise Standards .....	5.8-11
Table 5.8-7	General Plan Land Use Noise Compatibility Matrix .....	5.8-13
Table 5.8-8	General Plan Noise Increase Significance Criteria .....	5.8-14
Table 5.8-9	Maximum Noise Levels Generated by Construction Equipment .....	5.8-16
Table 5.8-10	Typical Vibration Levels for Construction Equipment.....	5.8-19
Table 5.8-11	Future Noise Scenarios .....	5.8-21
Table 5.8-12	Cumulative Noise Scenario .....	5.8-25
Table 5.11-1	Existing Flowrates .....	5.11-2
Table 5.11-2	Comparison of Existing and Proposed Flowrates.....	5.11-28
Table 5.12-1	Existing Fire Stations .....	5.12-3
Table 5.12-2	School Information .....	5.12-4
Table 6-1	Population Estimates.....	6-4
Table 6-2	Housing Estimates.....	6-5
Table 6-3	Employment Estimates.....	6-6
Table 6-4	Construction Fuel Consumption.....	6-8
Table 6-5	Project Operational Fuel Consumption.....	6-9



## LIST OF TABLES (continued)

Table 7-1	Comparison of Proposed Project and No Project/Existing General Plan Designation Alternative ADT.....	7-12
Table 7-2	Comparison of Proposed Project and Reduced Density Alternative ADT.....	7-18
Table 7-3	Comparison of Proposed Project and Mixed Use Alternative ADT.....	7-24
Table 7-4	Comparison of Alternatives.....	7-28





## LIST OF ACRONYMS

AB	Aggregate base
AB	Assembly Bill
ac	Acre
ACCM	Asbestos Containing Construction Material
ACHP	Advisory Council on Historic Preservation
ACI	American Concrete Institute
ACM	Asbestos Containing Material
ADA	Americans with Disabilities Act
ADT	Average daily traffic
AED	Automatic external defibrillator
AELUP	Airport Environs Land Use Plan
af	Acre feet
AF/yr	Acre feet per year
AHERA	Asbestos Hazard Emergency Response Act
ALS	Advanced life support
ALUC	Airport Land Use Commission
APN	Assessor's Parcel Number
APS	Alternative planning strategy
APST	Aboveground Petroleum Storage Tank
AQMP	Air Quality Management Plan
ASBS	Areas of Special Biological Significance
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
BAU	Business as usual
BEP	Business Emergency Plan
BLS	Basic life support
BMPs	Best Management Practices
BOD	Biochemical Oxygen Demand
BPP	Basin Production Percentage
CAAQS	California Ambient Air Quality Standards
CAB	Crushed aggregate base
CADD	Computer Aided Design and Drafting



CAFE	Corporate average fleet fuel economy
CalARP	California Accidental Release Prevention
CalEEMod	California Emissions Estimator Model
Cal/EPA	California Environmental Protection Agency
CAL FIRE	California Department of Forestry and Fire Protection
CAL/OSHA	California Division of Occupational Safety and Health
CAT	Climate Action Team
CALTRANS	California Department of Transportation
CARB	California Air Resources Board
CB	Catch basin
CBSC	California Building Standards Code
CC	Corridor Commercial
CC&Rs	Covenants, Conditions, and Restrictions
CCAA	California Clean Air Act
CCC	California Coastal Commission
CCR	California Code of Regulations
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDP	Coastal Development Permit
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERT	Community Emergency Response Team
CESA	California Endangered Species Act
CFCs	Dhlorofluorocarbons
CFR	Code of Federal Regulations
CG	Commercial General
CH <sub>4</sub>	Methane
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CIP	Capital Improvement Program
CIWMB	California Integrated Waste Management Board
CLUP	City of Newport Beach Coastal Land Use Plan



CMB	Crushed miscellaneous base
CMP	Congestion Management Program
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CNPS	California Native Plant Society
CO	Carbon monoxide
CO <sub>2</sub> eq	Carbon Dioxide Equivalent
COD	Chemical oxygen demand
CPT	Cone Penetration Tests
CPUC	California Public Utilities Commission
CRA	Colorado River Aqueduct
CRHR	California Register of Historical Resources
CRNA	California Natural Resources Agency
CUPAs	Certified Unified Program Agencies
CV	Commercial Visitor-Serving
CWA	Clean Water Act
CWIB	California Workforce Investment Board
DAMP	Drainage Area Management Plan
dB	Decibel
dBA	A-weighted decibel scale
DDT	Dichlorodiphenyltrichloroethane
DO	Dissolved oxygen
DOT	Department Of Transportation
DTSC	Department of Toxic Substance Control
DWR	Department of Water Resources
EIR	Environmental Impact Report
EMS	Emergency medical services
EOC	Emergency Operations Centers
EOP	Emergency Operations Plan
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ESA	Environmentally Sensitive Area
FAA	Federal Aviation Administration



FAR	Floor Area Ratio
FCAA	Federal Clean Air Act
FDR	Full depth reclamation
FEMA	Federal Emergency Management Agency
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FTA	Federal Transit Administration
FTIP	Federal Transportation Improvement Program
GCJC	Green Collar Jobs Council
GHG	Greenhouse Gas
GIS	Geographic Information System
gpd	Gallons per day
gpm	Gallons per minute
GPS	Global Positioning System
GWh	Gigawatt-hours
GWP	Global Warming Potential
GWRS	Groundwater Replenishment System
H <sup>+</sup>	Hydrogen ion
HCFCs	Hydrochlorofluorocarbons
HCM	Highway Capacity Manual
HCP	Habitat Conservation Plan
HFCs	Hydrofluorocarbons
HMD	Hazardous Materials Data
HMTA	Hazardous Materials Transportation Act
HVAC	Heating, ventilation, air conditioning
HW	Hazardous Waste
ICU	Intersection Capacity Utilization
IGR	Intergovernmental Review
IPCC	Intergovernmental Panel on Climate Change
IRP	Integrated Resources Plan
IS	Initial Study
IS/ND	Initial Study/ Negative Declaration



IS/NOP	Initial Study/Notice Of Preparation
ITE	Institute of Transportation Engineers
JWA	John Wayne Airport
kBTU	KiloBritish Thermal Units
kW	Kilowatts
kWh	Kilowatt hours
LBP	Lead-based paints
LCP	Local Coastal Program
$L_{dn}$	Day/Night Average
$L_{eq}$	Equivalent Sound Level
LHMP	Local Hazard Mitigation Plan
LID	Low Impact Development
$L_{max}$	Maximum Sound Level
$L_{min}$	Minimum Sound Level
$L_n$	Exceedance Level
LOP	Local Oversight Program
LOS	Level of Service
LOT	Largely Obtained Through
LST	Localized Significance Threshold
LU	Land Use
LUST	Leaking underground storage tanks
LV	Lido Village
MAWA	Maximum applied water allowance
MBTA	Migratory Bird Treaty Act
MCM	Highway Capacity Manual
MEP	Maximum Extent Practicable
mgd	Million gallons per day
mg/kg	Milligrams per kilogram
mg/l	Milligrams per liter
MOST	Method of Splitting Tsunamis
MPH	Miles per hour
MPO	Metropolitan Planning Organization
MS4s	Municipal Separate Storm Sewer Systems



MT	Metric ton
MTCO <sub>2</sub> eq	Metric ton of carbon dioxide equivalent
MU	Mixed Use
MU-CV/15 <sup>th</sup> St.	Mixed Use Cannery Village and 15 <sup>th</sup> Street
MU-H5	Mixed Use Horizontal 5
MU-LV	Mixed Use – Lido Village
MUP	Minor Use Permit
MUTCD	Manual on Uniform Traffic Control Device
M <sub>w</sub>	Maximum earthquake magnitude
MWDOC	Municipal Water District of Orange County
MWh	Megawatt hours
MYA	Million years ago
N/A	Not applicable
N/N	Nitrate-nitrogen
N <sub>2</sub> O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
NBFD	Newport Beach Fire Department
NBPD	Newport Beach Police Department
NBTAM	Newport Beach Traffic Analysis Model
NCCP	Natural Community Conservation Plan
NESHAP	National Emission Standards for Hazardous Air Pollutants
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHTSA	National Highway Traffic Safety Administration
NM	Not Measured
NMUSD	Newport-Mesa Unified School District
NO <sub>2</sub>	Nitrogen dioxide
NOA	Naturally occurring asbestos
NOI	Notice of Intent
NOP	Notice of Preparation
NOT	Notice of Termination
NO <sub>x</sub>	Nitrogen oxides



NPDES	National Pollution Discharge Elimination System
NPS	Non-Point Source Pollution
NRHP	National Register of Historical Places
NTSA	National Highway Traffic and Safety Administration
O <sub>3</sub>	Ozone
OAL	Office of Administrative Law
OCCELP	Orange County Cities Energy Leadership Partnership Program
OCCOG	Orange County Council of Governments
OCHCA	Orange County Health Care Agency
OCSD	Orange County Sanitation District
OCTA	Orange County Transportation Authority
OCWD	Orange County Water District
OCW&R	Orange County Waste and Recycling
OES	Office of Emergency Services
OPR	Office of Planning and Research
P	Phosphorus
PA	Participating Agency
PC	Planned Community
PCBs	Polychlorinated biphenyls
PCH	Pacific Coast Highway
PDP	Planned Development Permit
PF	Public Facilities
PI	Private Institutions
PICP	Permeable interlocking concrete pavement
PFCs	Perfluorocarbons
PG&E	Pacific Gas and Electric Company
PM	Particulate Matter
PM <sub>10</sub>	Particulate matter smaller than 10 microns
PM <sub>2.5</sub>	Particulate matter smaller than 2.5 microns
PPB	Parts per billion
PPM	Parts per million
PPV	Peak Particle Velocity
PRC	Public Resources Code



PST	Pacific Standard Time
PVC	Polyvinyl chloride
PWS	Public water supplier
RBF	RBF Consulting
RCP	Regional Comprehensive Plan
RCP	Reinforced concrete pipe
RCPG	Regional Comprehensive Plan and Guide
RCRA	Resources Conservation and Recovery Act
RFQ	Request for Qualifications
RH	Relative humidity
RHNA	Regional Housing Needs Assessment
RMS	Root mean square
RP	Responsible Parties
RTP	Regional Transportation Plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RUWMP	Regional Urban Water Management Plan
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendment and Reauthorization Act
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SCGC	Southern California Gas Company
SCS	Sustainable Communities Strategy
SDG&E	San Diego Gas and Electric Company
SDR	Site Development Review
SDWA	Safe Drinking Water Act
SEMS	Standardized Emergency Management System
SF <sub>6</sub>	Sulfur hexafluoride
SHPO	State Historic Preservation Officer
SO <sub>2</sub>	Sulfur dioxide
SO <sub>x</sub>	Sulfur oxides
SOI	Sphere of Influence





SP	Service population
SR-1	State Route 1 (Pacific Coast Highway)
SR-55	State Route 55
SRA	Source Receptor Area
SRRE	Source Reduction and Recycling Element
SWMP	Storm Water Management Program
SWMP	Solid Waste Management Plan
SWP	State Water Project
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TCM	Transportation control measures
TDS	Total Dissolved Solid
TGD	Technical Guidance Document
TI	Traffic Index
TKN	Total Kjeldahl nitrogen
TMDL	Total Maximum Daily Load
TOC	Total Organic Carbon
TPO	Traffic Phasing Ordinance
UBC	Uniform Building Code
UNFCCC	United Nations Framework Convention on Climate Change
USACE	U.S. Army Corps of Engineers
USDA	United State Department of Agriculture
USFWS	United State Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground Storage Tank
UWMP	Urban Water Management Plan
V/C	Volume to Capacity
VMT	Vehicle Miles Traveled
VOCs	Volatile Organic Compounds
vph	Vehicles per hour
WQMP	Water Quality Management Plan
WUCOLS	Water Use Classifications of Landscape Species
WUI	Wildland-Urban Interface



$\mu\text{g}/\text{m}^3$                       Micrograms per cubic meter  
 $\mu\text{ohms}/\text{cm}$                       Microohms per centimeter



## DRAFT EIR AND APPENDICES ON CD