

TABLE OF CONTENTS

1.0	EXECUTIVE SUMMARY	1-1
1.1	INTRODUCTION	1-1
1.2	SUMMARY OF PROJECT DESCRIPTION	1-1
1.3	SIGNIFICANT UNAVOIDABLE IMPACTS	1-2
1.4	ALTERNATIVES	1-2
1.5	AREAS OF CONTROVERSY.....	1-3
1.6	SUMMARY OF IMPACTS AND MITIGATION MEASURES	1-4
2.0	INTRODUCTION	2-1
2.1	PURPOSE AND TYPE OF EIR/INTENDED USES OF THE EIR	2-2
2.2	PUBLIC REVIEW PROCESS	2-3
2.3	SCOPE OF THIS EIR	2-5
2.4	FORMAT OF THE EIR	2-6
2.5	INCORPORATION BY REFERENCE	2-8
3.0	PROJECT DESCRIPTION.....	3-1
3.1	PROJECT LOCATION AND SITE DESCRIPTION	3-1
3.2	CITY OF LONG BEACH LAND USE AND ZONING DESIGNATIONS	3-8
3.3	PROJECT HISTORY AND BACKGROUND	3-8
3.4	PROJECT CHARACTERISTICS	3-13
3.5	CONSTRUCTION ACTIVITIES	3-45
3.6	PROJECT GOALS AND OBJECTIVES	3-45
3.7	DISCRETIONARY PERMITS, APPROVALS, OR ACTIONS REQUIRED	3-46
4.0	EXISTING ENVIRONMENTAL SETTING, ENVIRONMENTAL ANALYSIS, IMPACTS, AND MITIGATION MEASURES	4-1
4.1	AESTHETICS	4.1-1
4.2	AIR QUALITY.....	4.2-1
4.3	BIOLOGICAL RESOURCES.....	4.3-1
4.4	CULTURAL AND PALEONTOLOGICAL RESOURCES	4.4-1
4.5	GEOLOGY AND SOILS	4.5-1
4.6	GLOBAL CLIMATE CHANGE.....	4.6-1
4.7	HAZARDS AND HAZARDOUS MATERIALS	4.7-1
4.8	HYDROLOGY AND WATER QUALITY	4.8-1
4.9	LAND USE.....	4.9-1
4.10	NOISE	4.10-1
4.11	RECREATION.....	4.11-1
4.12	TRANSPORTATION AND TRAFFIC	4.12-1
4.13	UTILITIES AND SERVICE SYSTEMS	4.13-1
5.0	ALTERNATIVES	5-1
5.1	INTRODUCTION	5-1
5.2	ALTERNATIVES INITIALLY CONSIDERED BUT REJECTED FROM FURTHER CONSIDERATION.....	5-3
5.3	ALTERNATIVES UNDER CONSIDERATION	5-8
5.4	ALTERNATIVE 1: NO PROJECT/NO NEW DEVELOPMENT	5-9
5.5	ALTERNATIVE 2: MAINTAIN TEMPORARY POOL WITH ANCILLARY USES	5-13
5.6	ALTERNATIVE 3: OUTDOOR DIVING WELL/REVISED SITE PLAN	5-19

5.7	ALTERNATIVE 4: REDUCED PROJECT - NO OUTDOOR COMPONENTS	5-24
5.8	ALTERNATIVE 5: REDUCED PROJECT - NO DIVING WELL AND NO OUTDOOR COMPONENTS.....	5-30
5.9	IDENTIFICATION OF ENVIRONMENTALLY SUPERIOR ALTERNATIVE.....	5-36
6.0	LONG-TERM IMPLICATIONS.....	6-1
6.1	SIGNIFICANT IRREVERSIBLE ENVIRONMENTAL CHANGES.....	6-1
6.2	GROWTH-INDUCING IMPACTS	6-2
6.3	SIGNIFICANT EFFECTS THAT CANNOT BE AVOIDED	6-4
7.0	MITIGATION, MONITORING, AND REPORTING PROGRAM	7-1
7.1	MITIGATION MONITORING REQUIREMENTS.....	7-1
7.2	MITIGATION MONITORING PROCEDURES.....	7-2
8.0	LIST OF PREPARERS	8-1
8.1	CITY OF LONG BEACH	8-1
8.2	CONSULTANT TEAM	8-1
9.0	REFERENCES	9-1

APPENDICES

- A: NOTICE OF PREPARATION, INITIAL STUDY, & COMMENT LETTERS
- B: AIR QUALITY MODELING RESULTS, GREENHOUSE GAS CALCULATIONS, & WAVE UPRUSH STUDY
- C: BELMONT PLAZA PROJECT BIOLOGICAL SURVEY MEMORANDUM, PRECONSTRUCTION NESTING BIRD AND BAT ROOST SURVEY, & FOLLOW-UP PRECONSTRUCTION NESTING BIRD AND BAT ROOST SURVEY MEMORANDUM
- D: CULTURAL RESOURCES MEMORANDUM & PALEONTOLOGICAL ASSESSMENT
- E: REPORT OF PRELIMINARY GEOTECHNICAL EVALUATION, GEOTECHNICAL INVESTIGATION, PRELIMINARY GEOTECHNICAL REPORT, & SOIL CORROSIVIY EVALUATION
- F: HAZARDOUS BUILDING MATERIAL SURVEY AND CORROSION STUDY, UPDATES TO THE PHASE I, PHASE I HAZARDOUS MATERIALS ASSESSMENT, & GROUNDWATER SAMPLING MEMORANDUM
- G: NOISE CALCULATIONS
- H: TRAFFIC MODELING AND CALCULATIONS

FIGURES AND TABLES

FIGURES

Figure 3.1: Project Vicinity Map	3-3
Figure 3.2: Former Pool Facility	3-5
Figure 3.3: General Plan Land Use Designations	3-9
Figure 3.4: Zoning Designations in the Project Vicinity	3-11
Figure 3.5: Proposed Site Plan.....	3-15
Figure 3.6a: Conceptual Building Layout Plan.....	3-17
Figure 3.6b: Conceptual Building Layout Plan	3-19
Figure 3.6c: Conceptual Building Layout Plan.....	3-21
Figure 3.6d: Conceptual Building Layout Plan	3-23
Figure 3.7a: Pool Structure Elevations	3-27
Figure 3.7b: Pool Structure Elevations	3-29
Figure 3.7c: Interior Cross-Sections	3-31
Figure 3.7d: Interior Cross-Sections	3-33
Figure 3.8: Conceptual Speaker Configuration Design	3-37
Figure 3.9: Conceptual Landscape Plan.....	3-41
Figure 4.1.1: Key View Locations Map.....	4.1-7
Figure 4.1.2: Key Views 1 and 2	4.1-9
Figure 4.1.3: Key Views 3 and 4	4.1-11
Figure 4.1.4: Pre- and Post-Project Building Orientation	4.1-19
Figure 4.1.5: Post-Project Key Views 1 and 2.....	4.1-23
Figure 4.1.6: Post-Project Key Views 3 and 4.....	4.1-25
Figure 4.1.7: North Elevation Comparison.....	4.1-27
Figure 4.1.8: Open Space Comparison	4.1-31
Figure 4.1.9: Nighttime View Simulation.....	4.1-35
Figure 4.5.1: Regional Geology and Fault Map.....	4.5-3
Figure 4.6.1: Tiered Decision Approach to GHG Methodology and Significance Thresholds.....	4.6-3
Figure 4.8.1: San Gabriel River Watershed Map.....	4.8-3
Figure 4.8.2: Existing Site Storm Drain System	4.8-7
Figure 4.8.3: Floodplain Map	4.8-11
Figure 4.8.4: Water Quality Best Management Practices	4.8-29
Figure 4.9.1: Coastal Zone.....	4.9-11
Figure 4.10.1: Conceptual Speaker Configuration Design	4.10-17
Figure 4.12.1: Trip Distribution and Assignment	4.12-9
Figure 4.13.1: Existing Utilities in the Project Vicinity	4.13-5

TABLES

Table 1.A: Project Component Comparison Table	1-2
Table 1.B: Summary of Potential Environmental Impacts, Project Design Features, Mitigation Measures, Standard Conditions, and Level of Significance.....	1-5
Table 3.A: Project Component Comparison Table	3-25
Table 3.B: Discretionary Permits and Approvals	3-47
Table 4.A: Cumulative Project List	4-2
Table 4.2.A: Attainment Status of Criteria Pollutants in the South Coast Air Basin.....	4.2-6
Table 4.2.B: Health Effects Summary of Some of the Major Criteria Air Pollutants	4.2-7
Table 4.2.C: Ambient Air Quality Monitored at the Long Beach Stations.....	4.2-8
Table 4.2.D: Ambient Air Quality Standards	4.2-10
Table 4.2.E: Short-Term Regional Construction Emissions	4.2-18
Table 4.2.F: Long-Term Regional Operational Emissions	4.2-19
Table 4.2.G: Summary of Construction Emissions, Localized Significance	4.2-20
Table 4.2.H: Summary of Operational Localized Significance	4.2-21
Table 4.3.A: Special-Status Animal Species Potentially Occurring or Known to Occur in the Biological Study Area.....	4.3-4
Table 4.4.A: Summary of Recommendations from the Native American Heritage Commission	4.4-2
Table 4.6.A: Global Warming Potential of Greenhouse Gases	4.6-6
Table 4.6.B: Potential Impacts of Global Warming and Expected Consequences for California	4.6-10
Table 4.6.C: Sea-Level Rise Projections at the Project Site	4.6-12
Table 4.6.D: Long-Term Regional GHG Emissions.....	4.6-22
Table 4.7.A: Listed Facilities Within 0.25 Mile of the Project Site.....	4.7-5
Table 4.8.A: Water Quality Standards and Benchmarks	4.8-17
Table 4.8.B: Water Quality Objectives.....	4.8-21
Table 4.9.A: Consistency with California Coastal Act Policies	4.9-2
Table 4.10.A: Human Response to Different Levels of Groundborne Noise and Vibration	4.10-5
Table 4.10.B: Existing Weekday Baseline Traffic Noise Levels.....	4.10-7
Table 4.10.C: Existing Saturday Baseline Traffic Noise Levels	4.10-8
Table 4.10.D: Groundborne Vibration and Noise Impact Criteria.....	4.10-9
Table 4.10.E: Construction Vibration Damage Criteria.....	4.10-9
Table 4.10.F: Exterior Noise Limits, L _N (dBA).....	4.10-11
Table 4.10.G: Maximum Interior Sound Levels, L _N (dBA).....	4.10-11
Table 4.10.H: Existing Weekday With Project Traffic Noise Levels.....	4.10-14
Table 4.10.I: Existing Saturday With Project Traffic Noise Levels	4.10-15
Table 4.10.J: Typical Construction Equipment Noise Levels.....	4.10-23
Table 4.12.A: LOS Descriptions.....	4.12-2
Table 4.12.B: LOS/ICU Value Comparison	4.12-3
Table 4.12.C: LOS/Unsignalized Intersection Delay Comparison	4.12-3
Table 4.12.D: Existing Intersection Level of Service	4.12-4
Table 4.12.E: Belmont Pool Project Trip Generation	4.12-5
Table 4.12.F: Future with Project Trip Generation.....	4.12-8
Table 4.12.G: Future with Project Intersection Level of Service	4.12-11
Table 4.13.A: Water Supplies – Current and Projected (af/year)	4.13-3
Table 4.13.B: Proposed Project Water Demand	4.13-21

Table 4.13.C: Wastewater Generation 4.13-23
Table 4.13.D: Proposed Project Comparison to CEQA Guidelines Appendix F..... 4.13-31
Table 5.A: Summary of Development Alternatives..... 5-10
Table 5.B: Comparison of the Environmental Impacts of the Proposed Project to the
Project Alternatives..... 5-37
Table 7.A: Mitigation and Monitoring Reporting Program 7-3

This page intentionally left blank