

TREASURE ISLAND / YERBA BUENA ISLAND REDEVELOPMENT PROJECT FINAL EIR

TABLE OF CONTENTS Volume 3

● **CHAPTER IX, COMMENTS AND RESPONSES**

1.	INTRODUCTION	1.1
1.1	Purpose of the Comments and Responses Document	1.1
1.2	Environmental Review Process.....	1.1
1.3	Document Organization	1.2
1.4	List of Commentors.....	1.3
2.	COMMENTS AND RESPONSES	2.1
2.1	Project Description	2.1.1
2.1.1	State and Federal Ownership.....	2.1.1
2.1.2	Zoning and Height.....	2.1.5
2.1.3	Transportation Plan	2.1.11
2.1.4	Project Land Use	2.1.27
2.1.5	Bay Fill.....	2.1.33
2.1.6	Hours of Construction	2.1.34
2.1.7	Sustainability Plan.....	2.1.35
2.1.8	Phasing	2.1.37
2.1.9	Approvals	2.1.38
2.1.10	Emergency Water Supply.....	2.1.41
2.1.11	Project Location	2.1.43
2.1.12	Visual Features.....	2.1.43
2.1.13	Objectives.....	2.1.44
2.1.14	Infrastructure – Water	2.1.45
2.1.15	Project Details	2.1.47
2.1.16	Insurability	2.1.48
2.1.17	Project Description - 2005 EIR and 2006 Term Sheet	2.1.49
2.2	Plans and Policies.....	2.2.1
2.2.1	Tidelands Trust.....	2.2.1
2.2.2	Bay Trail.....	2.2.6
2.2.3	San Francisco General Plan.....	2.2.10
2.2.4	BCDC Regulations.....	2.2.13
2.3	Land Use	2.3.1
2.3.1	United States Coast Guard Facility	2.3.1
2.3.2	Locations of Residential Uses	2.3.8
2.3.3	On-Island Services	2.3.9
2.3.4	Height Limits.....	2.3.15
2.3.5	Density	2.3.16

2.4	Aesthetics	2.4.1
	2.4.1 Representative Massing.....	2.4.1
	2.4.2 Setting	2.4.3
	2.4.3 Viewpoints	2.4.7
	2.4.4 Nighttime Views and Glare.....	2.4.27
	2.4.5 Plans and Policies.....	2.4.34
	2.4.6 Impact Analyses	2.4.34
	2.4.7 Viewpoint Map Correction.....	2.4.40
	2.4.8 Cumulative Impacts.....	2.4.40
	2.4.9 Building Heights	2.4.42
	2.4.10 Availability of the Design for Development	2.4.44
2.5	Population and Housing	2.5.1
	2.5.1 Impacts and Affordability of Housing Relocation	2.5.1
	2.5.2 Economic Effects	2.5.4
	2.5.3 Population Projections.....	2.5.5
	2.5.4 Impacts on Existing Residents	2.5.7
	2.5.5 Existing Business Displacement	2.5.7
	2.5.6 Housing and Design Concept.....	2.5.8
	2.5.7 Jobs and Housing Opportunities.....	2.5.9
	2.5.8 Demographics.....	2.5.10
2.6	Historic Resources.....	2.6.1
	2.6.1 Concurrence with EIR.....	2.6.1
	2.6.2 Navy Chapel.....	2.6.2
	2.6.3 Impact on Buildings 1, 2, and 3.....	2.6.11
	2.6.4 Building 111.....	2.6.23
	2.6.5 U.S.S. Buttercup and Alternatives.....	2.6.26
	2.6.6 Avenue of the Palms	2.6.28
	2.6.7 Job Corps Campus.....	2.6.29
	2.6.8 California Historic Landmark Designation	2.6.30
	2.6.9 Impact on Yerba Buena Island	2.6.31
	2.6.10 Section 106.....	2.6.34
	2.6.11 Coast Guard.....	2.6.36
2.7	Transportation	2.7.1
	2.7.1 Setting	2.7.1
	2.7.2 Transportation Improvements	2.7.4
	2.7.3 Methodology	2.7.15
	2.7.4 Travel Demand Management	2.7.39
	2.7.5 Traffic.....	2.7.49
	2.7.6 Transit	2.7.51
	2.7.7 Bicycles.....	2.7.68
	2.7.8 Pedestrians.....	2.7.92
	2.7.9 Goods Movement	2.7.95
	2.7.10 Parking	2.7.97
	2.7.11 Coast Guard Operations	2.7.100
	2.7.12 Construction	2.7.105
	2.7.13 Regulatory Framework.....	2.7.108
	2.7.14 Emergency Access	2.7.110
	2.7.15 Mitigation Measures.....	2.7.111

2.8	Noise.....	2.8.1
2.8.1	Construction Noise	2.8.1
2.8.2	Operational Noise.....	2.8.1
2.8.3	Noise Levels on Mainland.....	2.8.2
2.8.4	Traffic Noise at Coast Guard Facilities.....	2.8.4
2.8.5	Construction Hours and Noise Mitigation Plan	2.8.7
2.9	Air Quality.....	2.9.1
2.9.1	Construction	2.9.1
2.9.2	Ferry Emissions.....	2.9.5
2.9.3	Impacts at Coast Guard Facilities.....	2.9.7
2.9.4	Transportation Air Quality Impacts	2.9.8
2.9.5	Air Quality Mitigation Measures	2.9.9
2.9.6	Cumulative Impacts.....	2.9.11
2.10	Greenhouse Gas Emissions	2.10.1
2.10.1	Baseline Assumptions	2.10.1
2.10.2	Geotechnical Stabilization Emissions	2.10.3
2.10.3	Greenhouse Gas Analysis Data and Assumptions.....	2.10.3
2.10.4	Energy and Greenhouse Gases – Impacts of Stormwater and Wastewater Discharge	2.10.9
2.11	Wind and Shadow	2.11.1
2.11.1	Wind Impacts	2.11.1
2.11.2	Shadow Impacts	2.11.3
2.12	Recreation.....	2.12.1
2.12.1	Public Open Space	2.12.1
2.12.2	Access	2.12.3
2.12.3	Sailing Center.....	2.12.6
2.12.4	Users.....	2.12.7
2.12.5	Impacts	2.12.9
2.12.6	Future Athletic Field Operators.....	2.12.11
2.12.7	Recreational Uses.....	2.12.12
2.13	Utilities and Service Systems.....	2.13.1
2.13.1	Wastewater	2.13.1
2.13.2	Stormwater	2.13.8
2.13.3	Water Supply.....	2.13.10
2.13.4	Recycled Water	2.13.15
2.13.5	Solid Waste	2.13.16
2.13.6	Electricity, Natural Gas, and Telecommunications Infrastructure	2.13.17
2.13.7	Utility Providers and Ownership.....	2.13.19
2.14	Public Services.....	2.14.1
2.14.1	Emergency Response	2.14.1
2.14.2	Vandalism.....	2.14.2
2.15	Biological Resources.....	2.15.1
2.15.1	Baseline Assumptions	2.15.1
2.15.2	Setting	2.15.3
2.15.3	Habitat Values, Onshore Habitats, and HMP.....	2.15.10
2.15.4	Birds	2.15.12
2.15.5	Marine Biology	2.15.21
2.15.6	Methyl Mercury.....	2.15.42

2.15.7	Other Wildlife	2.15.43
2.15.8	Significance Criteria.....	2.15.45
2.15.9	Cumulative Impacts.....	2.15.47
2.15.10	Mitigation	2.15.49
2.15.11	Wildlife – Animal Controls.....	2.15.52
2.16	Geology and Soils	2.16.1
2.16.1	Geotechnical Stabilization.....	2.16.1
2.16.2	Seismic	2.16.3
2.16.3	Perimeter Berm Maintenance	2.16.6
2.17	Hydrology and Water Quality	2.17.1
2.17.1	Sea Level Rise	2.17.1
2.17.2	Flooding	2.17.16
2.17.3	Dredging.....	2.17.17
2.17.4	Water Quality Setting.....	2.17.18
2.17.5	Cumulative Impacts.....	2.17.19
2.17.6	Regulations and Regulatory Framework.....	2.17.20
2.18	Hazards and Hazardous Materials	2.18.1
2.18.1	Construction Impacts.....	2.18.1
2.18.2	Emergency Response	2.18.2
2.18.3	Job Corps Campus.....	2.18.4
2.18.4	Ionizing Radiation	2.18.4
2.18.5	Risks from Closed Remediation Sites	2.18.6
2.18.6	Existing Remediation Efforts	2.18.7
2.19	Minerals and Energy	2.19.1
2.19.1	Alternative Energy Sources.....	2.19.1
2.19.2	Other Energy Issues	2.19.8
2.20	Variants	2.20.1
2.20.1	Approach to Variants	2.20.1
2.20.2	Wetlands Variants and Greenhouse Gases	2.20.2
2.21	Alternatives	2.21.1
2.21.1	Purpose of Alternatives in EIRs	2.21.1
2.21.2	Reduced Parking Alternative.....	2.21.3
2.21.3	Alternative B, Reduced Development.....	2.21.50
2.21.4	Alternative C, No Ferry Service.....	2.21.56
2.21.5	Preservation Alternative.....	2.21.58
2.21.6	Proposed Project with No Ferry Service Alternative	2.21.60
2.21.7	Alternative A, No Project.....	2.21.63
2.21.8	Other Alternatives	2.21.65
2.21.9	Environmentally Superior Alternative	2.21.67
2.21.10	No Redevelopment Plan.....	2.21.75
2.22	EIR Process	2.22.1
2.22.1	Public Review	2.22.1
2.22.2	Procedural Issues.....	2.22.2
2.22.3	Authors.....	2.22.6
2.22.4	Public Scoping.....	2.22.7
2.22.5	Availability of Documents	2.22.8
2.23	Fiscal and Economic Issues.....	2.23.1
2.23.1	Fiscal and Economic Effect of Geotechnical Stabilization	2.23.1
2.23.2	Economic Effects	2.23.4

2.24	Support for and Opposition to Proposed Project.....	2.24.1
3.	DRAFT EIR REVISIONS	3.1
3.1	Changes in Response to Comments	3.1
3.2	Staff-Initiated Text Changes	3.78

LIST OF FIGURES

(Revised) Figure II.6a:	Treasure Island Maximum Height Limit Plan	2.1.9
(Revised) Figure II.9:	Proposed Shuttle Routes	2.1.14
(Revised) Figure IV.E.9:	Proposed Transit Circulation Plan	2.1.15
(New) Figure IV.B.17:	Island Center District Isometric View	2.4.4
(New) Figure IV.B.18:	Cityside District Isometric View	2.4.5
(New) Figure IV.B.19:	Eastside District Isometric View	2.4.6
(New) Figure IV.B.2a:	Viewpoint Aa – View from Pier 7	2.4.14
(New) Figure IV.B.6a:	Viewpoint Ea – View from the Berkeley Hills	2.4.17
(New) Figure IV.B.11:	Representative Rendering of the Ferry Terminal.....	2.4.21
(New) Figure IV.B.12:	Representative Rendering of Marina Plaza.....	2.4.22
(New) Figure IV.B.13:	Representative Rendering of Clipper Cove Promenade	2.4.23
(New) Figure IV.B.14:	Representative Rendering of Cityside Avenue and Shoreline Park.....	2.4.24
(New) Figure IV.B.15:	Representative Rendering of Eastside Commons	2.4.25
(New) Figure IV.B.16:	Representative Rendering of Typical Garden Street	2.4.26
(New) Figure IV.B.20:	Nighttime View from Calhoun Terrace on Telegraph Hill.....	2.4.32
(New) Figure IV.B.21:	Nighttime View from the Berkeley Marina.....	2.4.33
(Revised) Figure IV.B.1:	Viewpoint Locations.....	2.4.41
(Revised) Figure IV.B.10:	Proposed Representative Massing Diagram	2.6.9
(Revised) Figure IV.N.2:	Areas of Proposed Geotechnical Improvements.....	2.6.10
(Revised) Figure IV.D.6:	Height Plan Near Buildings 1, 2, and 3	2.6.19
(Revised) Figure IV.F.1:	Noise Measurement Locations.....	2.7.11
(Revised) Figure II.10:	Proposed Street System	2.7.12
(Revised) Figure IV.E.8:	Proposed Treasure Island and Yerba Buena Island Street System	2.7.13
(Revised) Figure II.12:	Proposed Bicycle Routes	2.7.75
(Revised) Figure IV.E.11	Proposed Bicycle Circulation Plan	2.7.76
(Revised) Figure IV.E.13:	Proposed Macalla Road at Bay Bridge Westbound On-ramp Intersection Configuration	2.7.78
(Revised) Figure IV.E.14:	Proposed Treasure Island Road at Macalla Road Intersection Configuration.....	2.7.79
(Revised) Figure IV.E.15:	Proposed Treasure Island Road at Bay Bridge Westbound On-ramp (West Side) Intersection Configuration.....	2.7.80
(Revised) Figure IV.E.12:	Proposed Hillcrest Road at South Gate Road Intersection Configuration.....	2.7.91
(Revised) Figure IV.E.10:	Conceptual Yerba Buena Island Pedestrian Circulation Plan	2.7.94
(Revised) Figure II.13:	Walking Times to Transit Hub	2.7.96
Figure C&R-1:	Shoreline Areas Vulnerable to Sea Level Rise, Central San Francisco Bay	2.17.13
(Revised) Figure II.5:	Yerba Buena View Corridors	3.112

(Revised) Figure II.6b:	Yerba Buena Island Maximum Height Limit Plan	3.113
(Revised) Figure II.7:	Proposed Open Space	3.114
(Revised) Figure IV.I.1:	Shadows on March 21 at 9 AM	3.122
(Revised) Figure IV.I.3:	Shadows on March 21 at 3 PM.....	3.123
(Revised) Figure IV.I.4:	Shadows on June 21 at 9 AM	3.124
(Revised) Figure IV.I.6:	Shadows on June 21 at 3 PM.....	3.125
(Revised) Figure IV.I.7:	Shadows on September 21 at 9 AM.....	3.126
(Revised) Figure IV.I.9:	Shadows on September 21 at 3 PM	3.127
(Revised) Figure IV.I.10:	Shadows on December 21 at 9 AM	3.128
(Revised) Figure IV.I.12:	Shadows on December 21 at 3 PM.....	3.129
(Revised) Figure IV.J.1:	Proposed Open Space	3.130
(Revised) Figure IV.K.1:	Proposed Wastewater Treatment System.....	3.133
(Revised) Figure IV.O.1:	Proposed FEMA Flood Zone.....	3.136
(Revised) Figure IV.P.1:	Installation Restoration Site Inventory	3.139

LIST OF TABLES

(Revised) Table IV.A.1:	Existing Land Uses on Treasure Island and Yerba Buena Island.....	2.3.4
(Revised) Table IV.D.1:	NRHP Listed Properties in the Development Plan Area	2.3.6
(Revised) Table IV.L.1:	Public School Enrollment at Project Buildout Compared to SFUSD Capacity.....	2.5.12
(Revised) Table IV.J.1:	Proposed Parks and Open Space.....	2.6.8
Table C&R.1:	Yerba Buena Island Westbound On-Ramp Demand and Capacity	2.7.34
Table C&R.2:	Geographic Distribution of Project-Generated Residential Work Person-Trips.....	2.7.35
Table C&R.3:	Regional Retail Trip Generation.....	2.7.49
(Revised) Table IV.M.1:	Benthic Fish Community Composition and Abundance Indices for Combined Shallow and Deep Water Sites near Treasure Island, Based on Otter Trawl Data, 2000–2008.....	2.15.25
(New) Table VII.19:	Proposed Parking Supply Ratios and Supply by Land Use	2.21.15
(New) Table VII.20:	San Francisco Off-Street Parking Permitted as Accessory for Select Districts	2.21.16
(New) Table VII.21:	Person-Trip Generation by Mode – Proposed Project and Reduced Parking Alternative	2.21.24
(New) Table VII.22:	Person-Trip Generation by Mode – Proposed Project and Reduced Parking Alternative (With Implementation of Mitigation Measure M-TR-2)	2.21.25
(New) Table VII.23:	Person-Trip Generation by Mode – Reduced Development Alternative and Reduced Parking Alternative (Without Implementation of M-TR-2)	2.21.27
(New) Table VII.24:	Transit Ridership and Capacity Utilization – Existing plus Project and Existing plus Reduced Parking Alternative (Prior to Implementation of M-TR-2).....	2.21.30
(New) Table VII.25:	Pedestrian Crosswalk Levels of Service – Existing plus Project and Existing plus Reduced Parking Alternative	2.21.34
(Revised) Table S.3:	Comparison of Project and Alternative Impacts	3.82

(Revised) Table IV.E.19:	Pedestrian Crosswalk Levels of Service, Existing and Existing plus Project Conditions.....	3.120
(Revised) Table VII.1:	Comparison of Alternatives to the Proposed Project.....	3.149
(Revised) Table VII.9:	Pedestrian Crosswalk Levels of Service – Existing plus Project and Existing plus Reduced Development Alternative	3.152