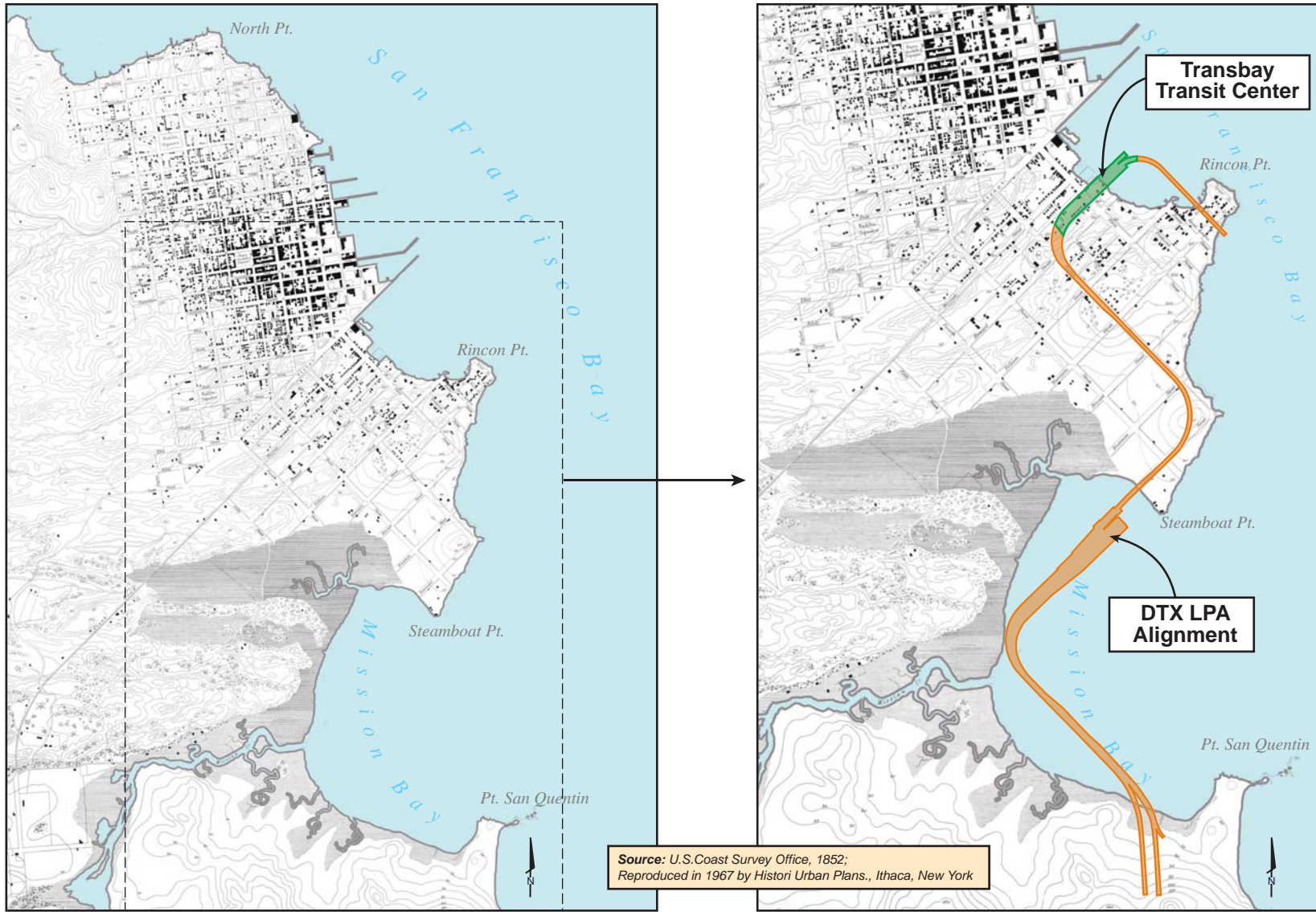


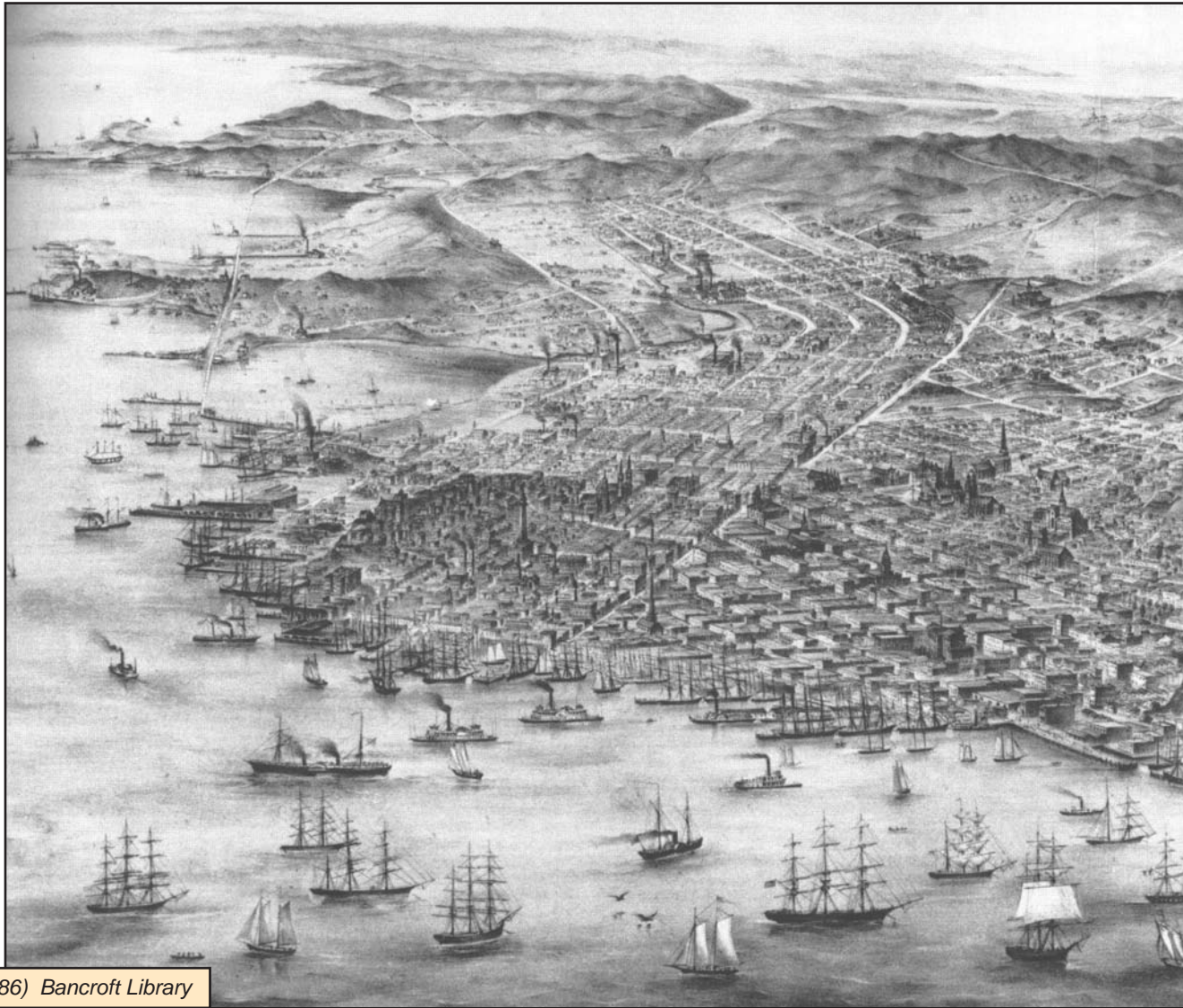
# Introduction

**FIG\_01A: Introduction**

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FIG\_02: San Francisco Coastline 1852

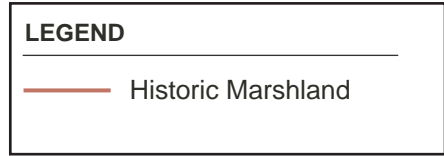
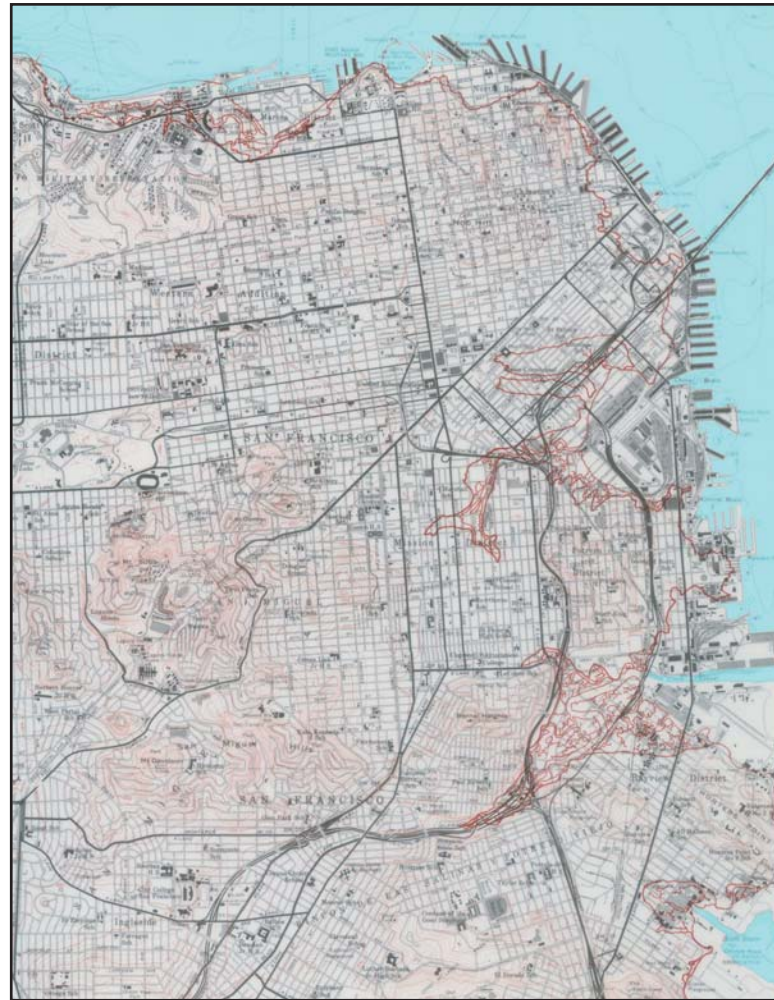


Source: Olmsted (1986) Bancroft Library

FIG\_03: Birdseye View of San Francisco. 1868



**FIG\_04: Reclamation of San Francisco Waterfront from the Bay**

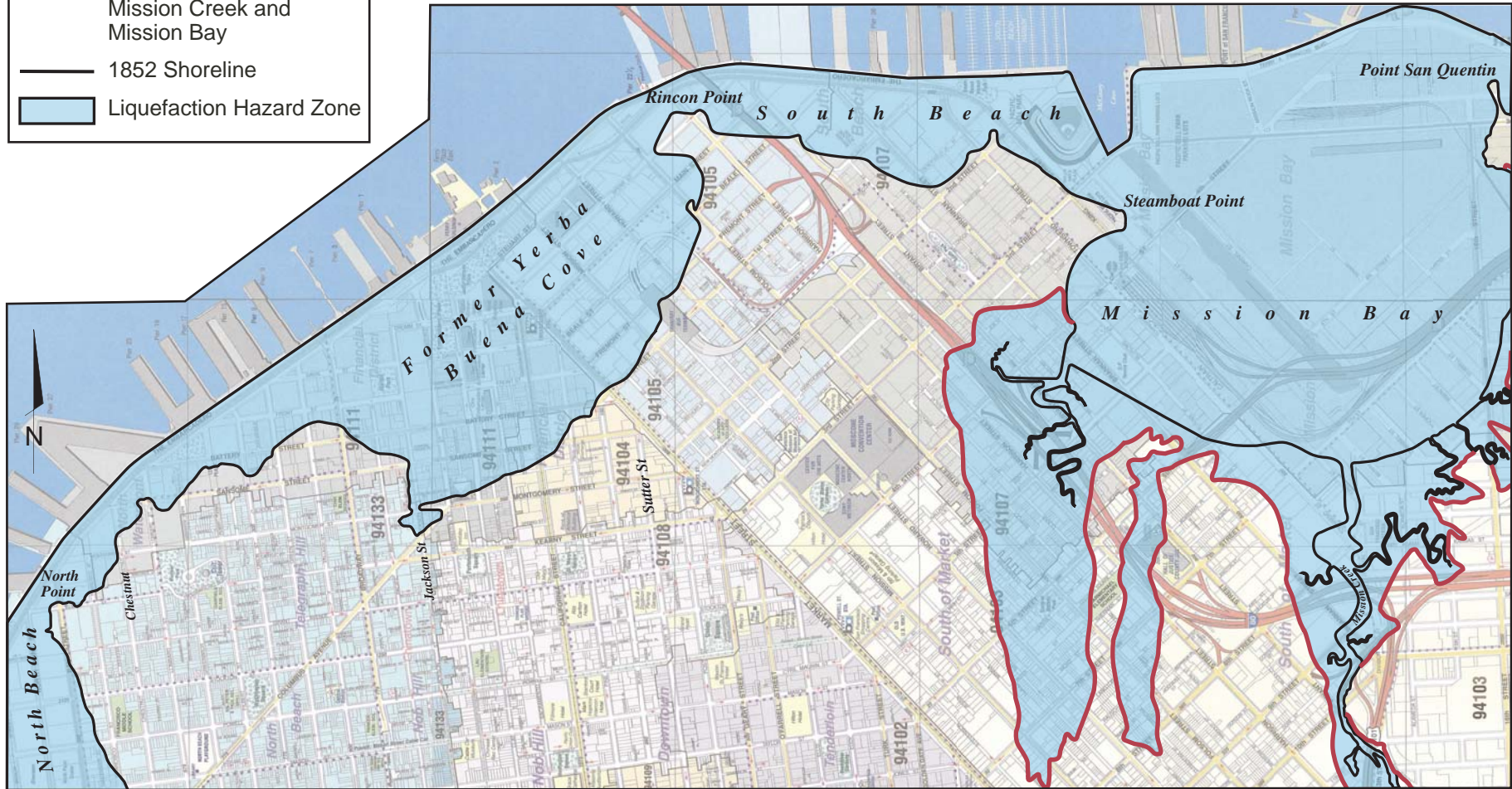


**Source:** U.S. Geological Survey; based on U.C. Coast and Geodetic Survey Charts done in the 1830s, 1840s and 1850s

**FIG\_05: Historic Marshlands of San Francisco**

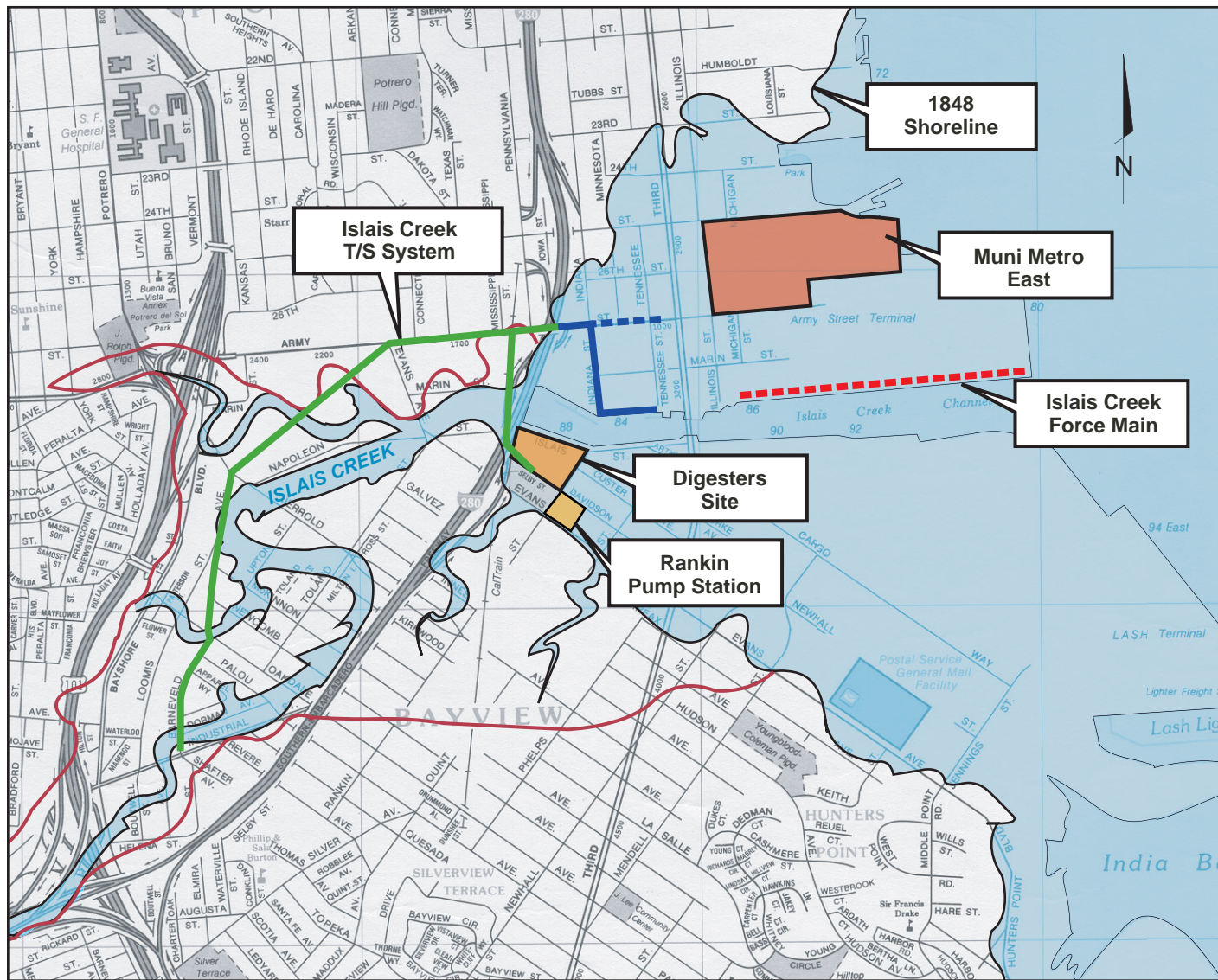
**LEGEND**

- Marshlands around Mission Creek and Mission Bay
- 1852 Shoreline
- Liquefaction Hazard Zone



Base Map: San Francisco City and County, Street Guide and Parcel Detail Atlas, pages 21, 22, 29 & 30, Barclay Mapworks Incorporated, 2001. / Shoreline and Marshline: U.S. Coast Survey, City of San Francisco and It's Vicinity, 1852, Scale 1:10,000

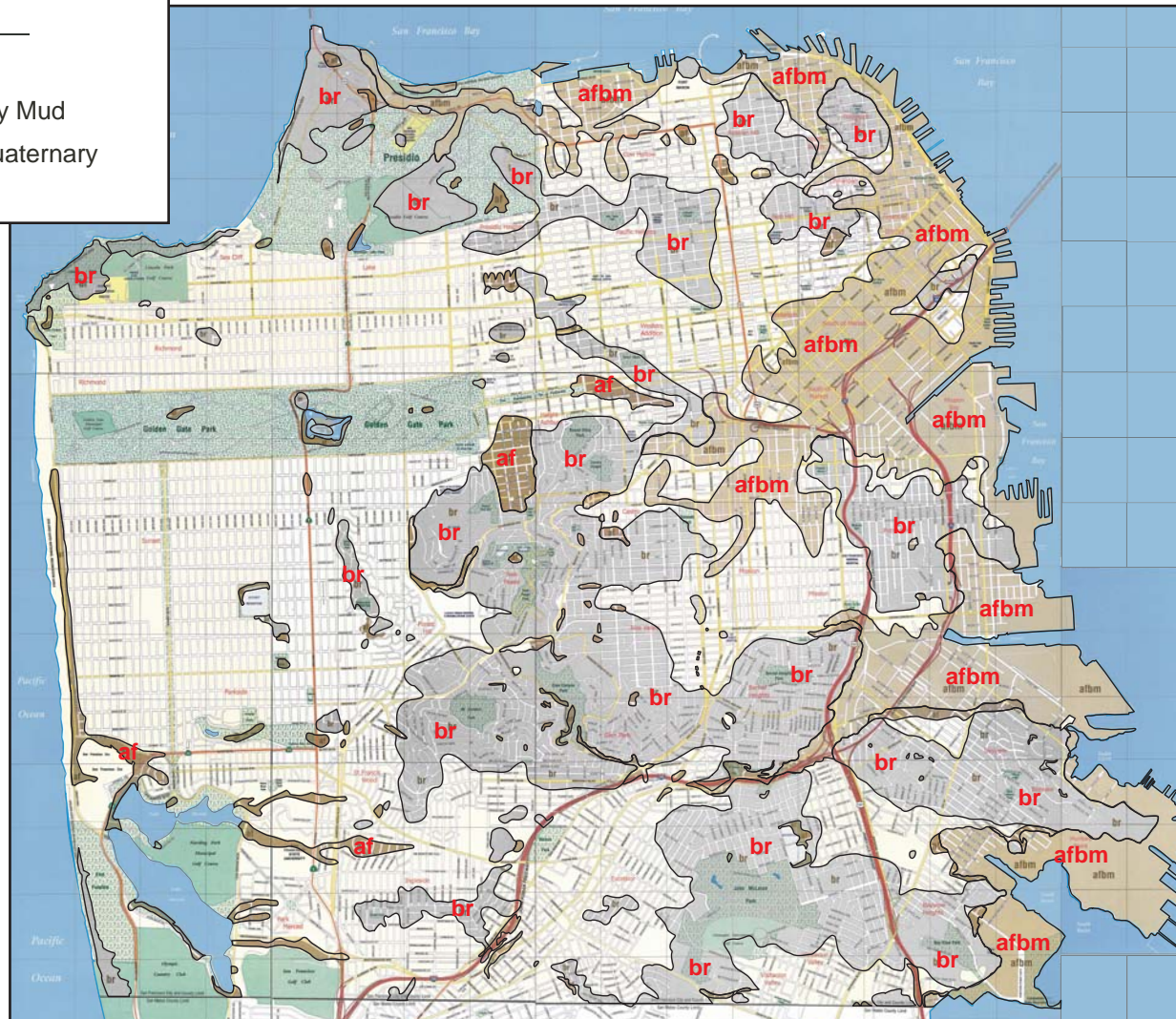
**FIG\_06: Marshlands and Coastal Reclamation Areas Mission Bay, South Beach, Yerba Buena, and North Beach**



**FIG\_07: Marshlands and Coastal Reclamation Islais Creek Estuary**

**LEGEND**

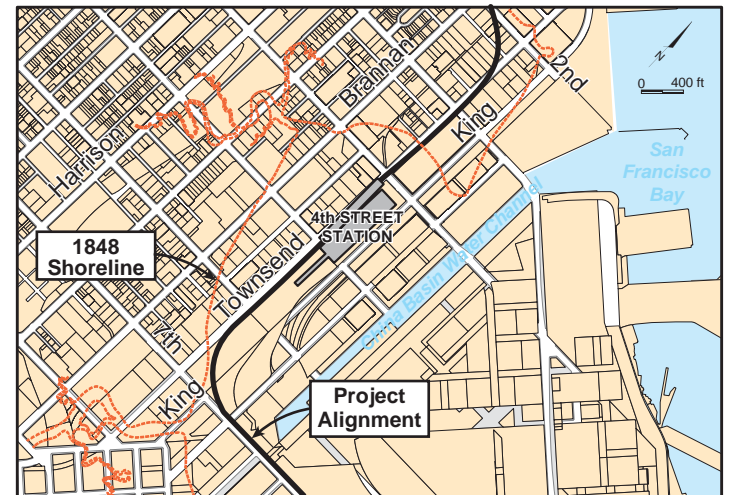
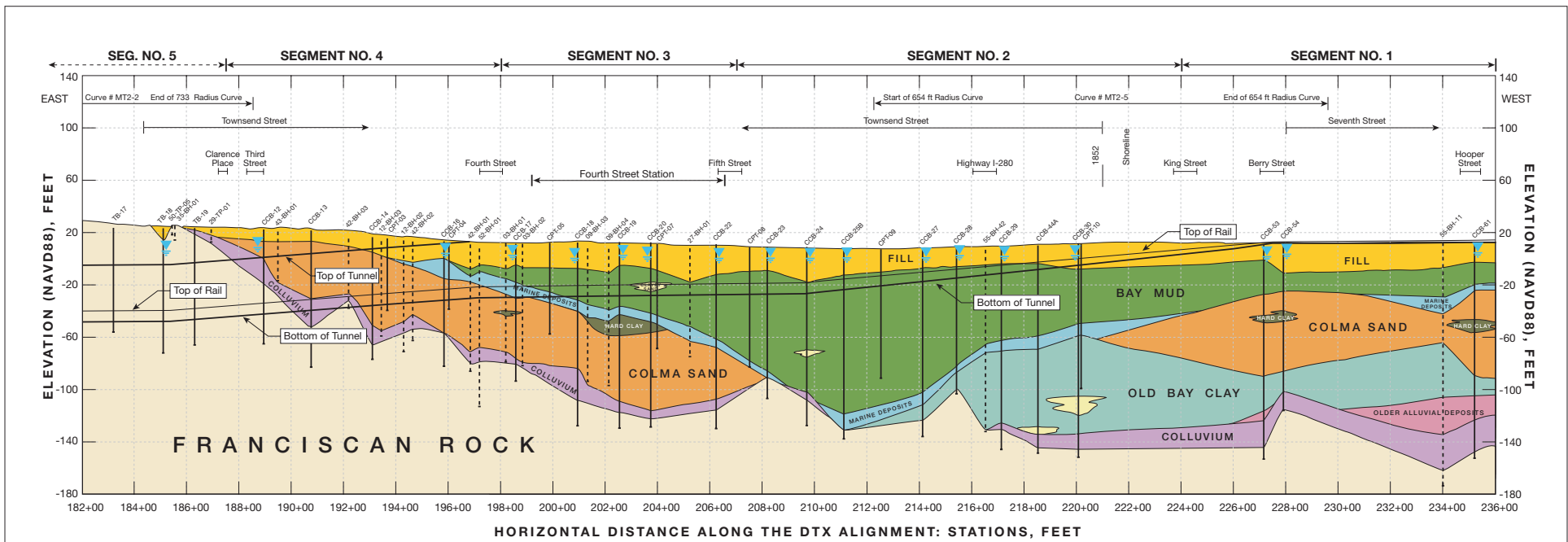
- af** Artificial Fill
- afbm** Artificial Fill over Bay Mud
- br** Bedrock and Pre-Quaternary Deposits



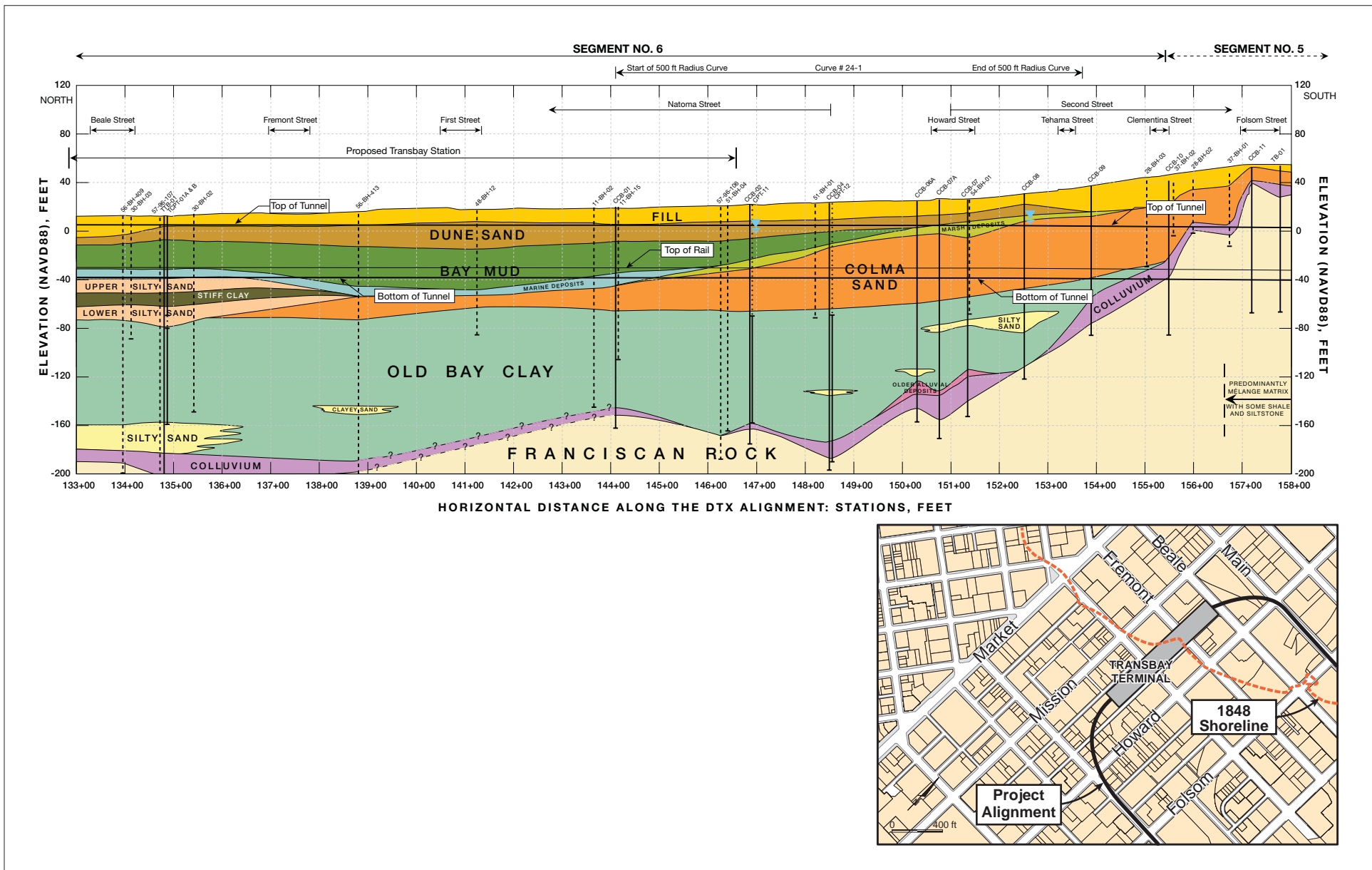
Base Map: San Francisco City and County, Street Guide and Parcel Detail Atlas, Barclay Mapworks Incorporated, 2001.

**FIG\_08: Geologic Map of San Francisco**

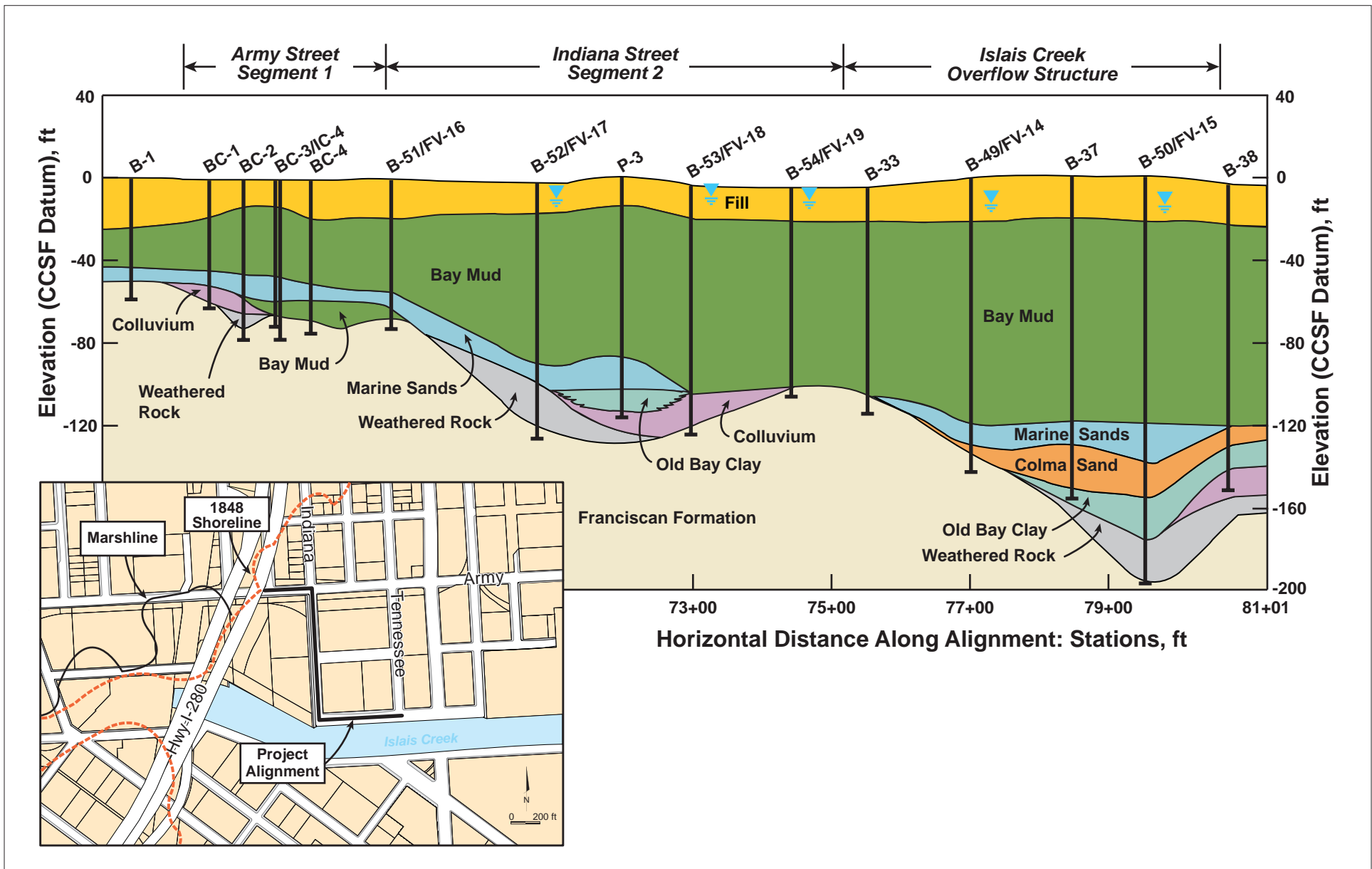




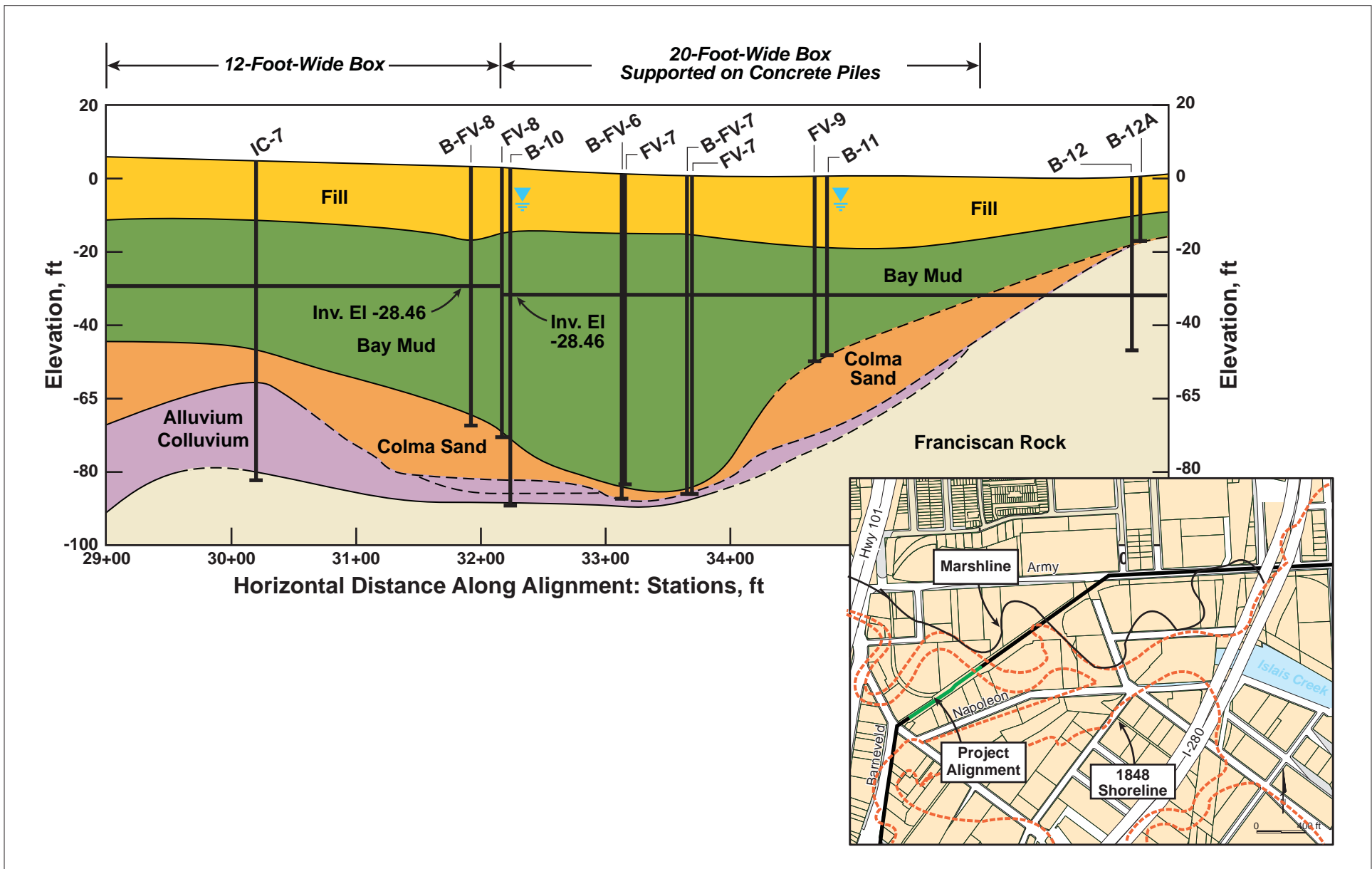
**FIG\_09: Subsurface Stratigraphy Along Townsend Street Mission Bay Area**



FIG\_10: Subsurface Stratigraphy Transbay Area Terminal (Happy Valley)

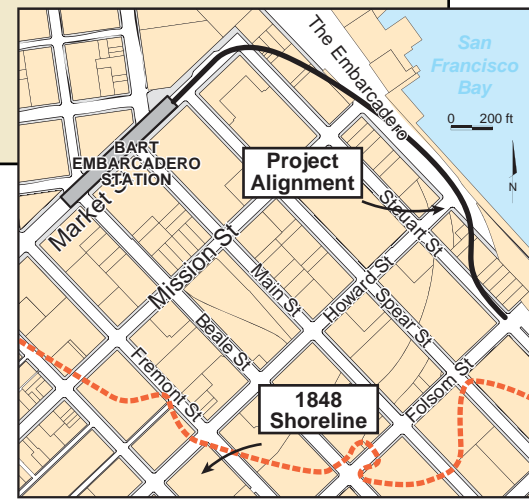
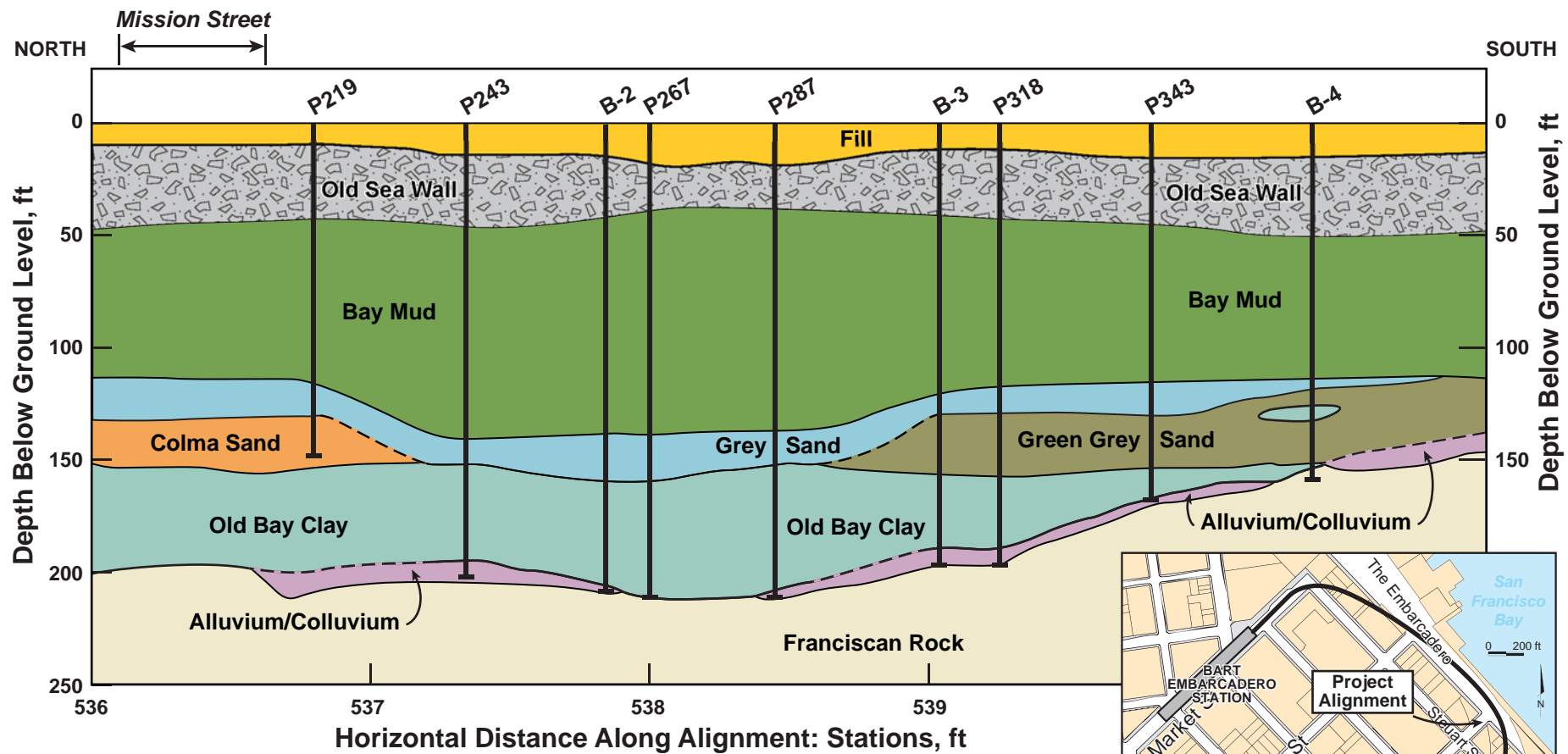


FIG\_11: Subsurface Stratigraphy Vicinity of Islais Creek Channel



**FIG\_12: Subsurface Stratigraphy Old Islais Creek Area**

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FIG\_13 : Subsurface Stratigraphy Along the Embarcadero Yerba Buena Cove