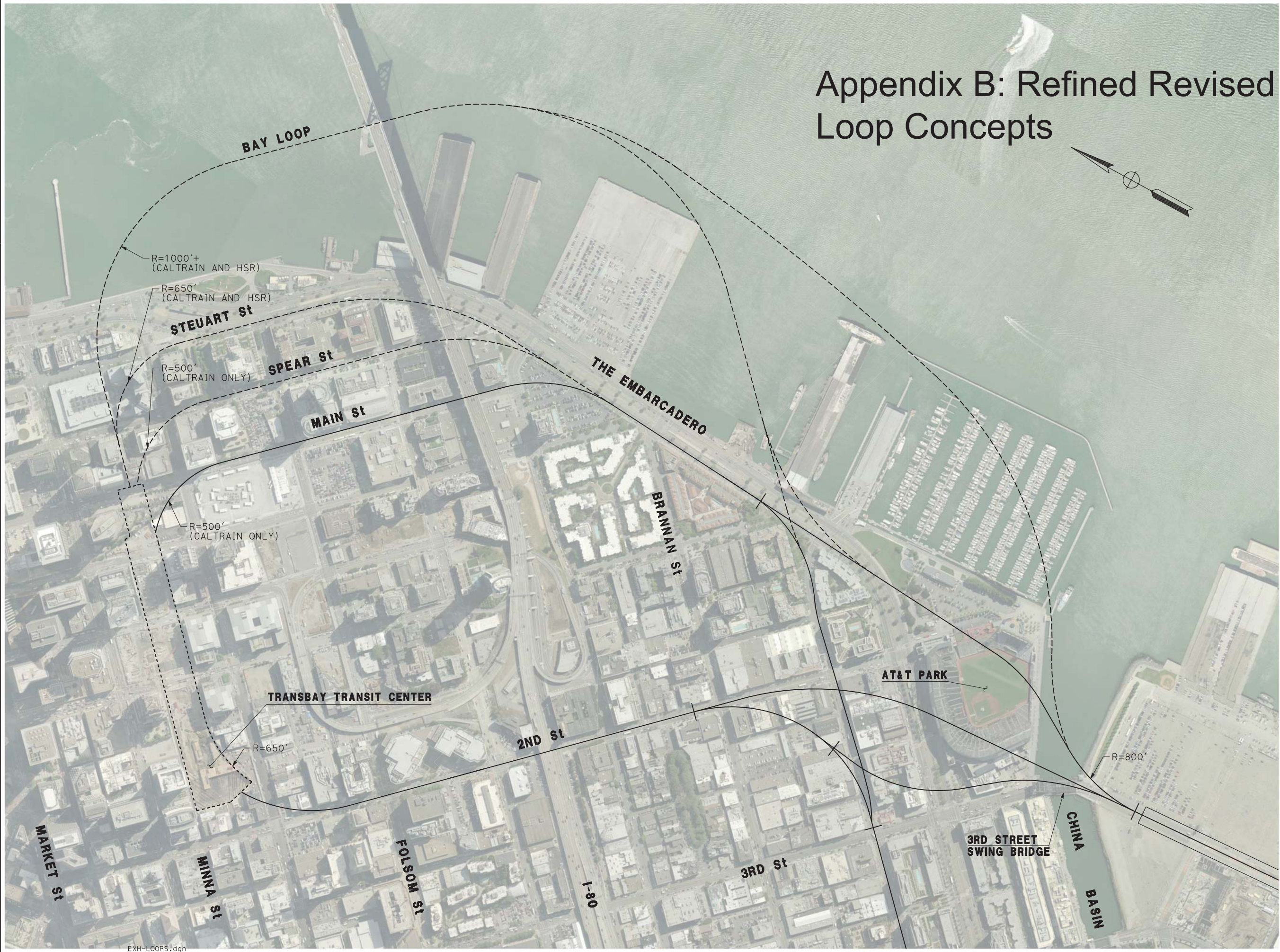


Appendix B: Conceptual Design Drawings, Loop Alternatives



Appendix B: Refined Revised Loop Concepts

DRAFT

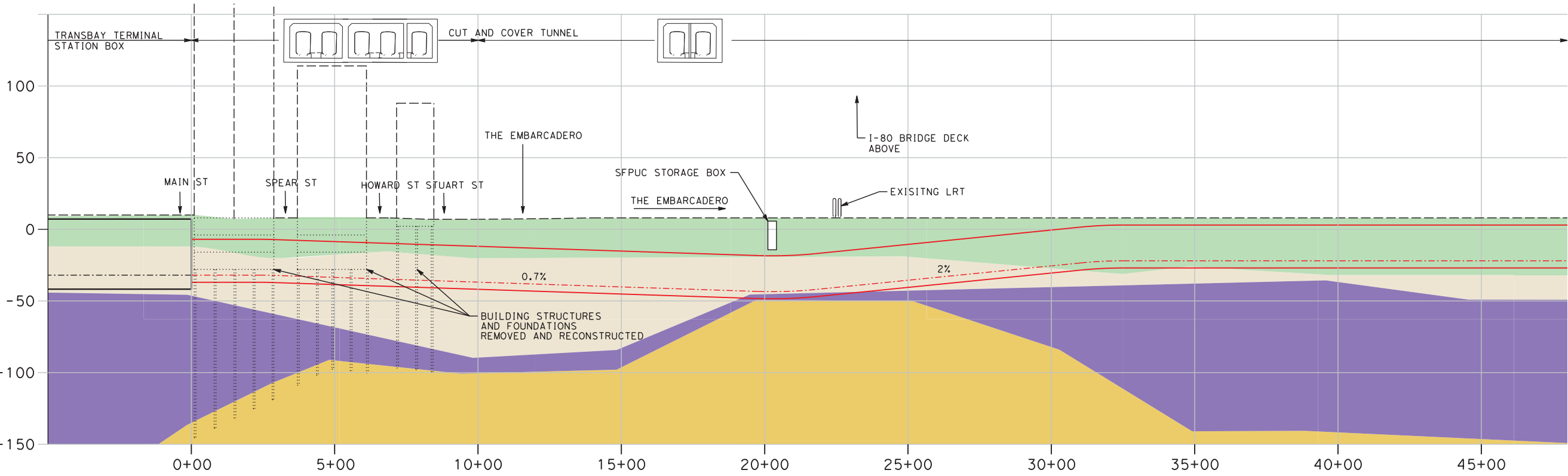
CONCEPTUAL
DESIGN ONLY

NOTES

DRAWN	CHECKED	APPROVED
		JS
		1-30-17
CLIENT		
CITY AND COUNTY OF SAN FRANCISCO, PLANNING DEPARTMENT		
PROJECT		
SF RAILYARD ALTERNATIVES AND I-280 BOULEVARD FEASIBILITY STUDY		
TITLE		
LOOP ALIGNMENT OPTIONS KEY PLAN		
DRAWING NUMBER		
EXHIBIT 6.0		
STATUS		
IN PROCESS, FOR DISCUSSION ONLY		
SCALE	SHEET NO.	TOTAL SHEETS



PLAN



PROFILE

SCALE: Horiz: 1"=400'
Vert: 1"=80'

NOTES

1. THE STRATIGRAPHY SHOWN IS BASED ON LIMITED INFORMATION AVAILABLE AT TIME OF STUDY AND MAY CHANGE WITH ACTUAL GROUND INVESTIGATION.
2. VENTILATION AND FIRE LIFE SAFETY REQUIREMENTS HAVE NOT BEEN CONSIDERED AS PART OF THIS STUDY.
3. TUNNEL CONSTRUCTION UNDER BUILDNGS IS LIKELY TO REQUIRE RECONSTRUCTION OF BUILDING AND FOUNDATIONS.
4. TRACK AT STATION THROAT IS INDICATIVE ONLY.
5. UTILITIES AND HISTORIC SUBSURFACE STRUCTURES WILL REQUIRE RELOCATION OR REMOVAL.
6. THIS LOOP OPTION ALIGNMENT IS BASED ON OPTION 1L DEFINED IN TJPA TECHNICAL MEMO "DTX EAST BAY CONNECTION UPDATE" DATED 07/02/14.

DRAFT

CONCEPTUAL
DESIGN ONLY

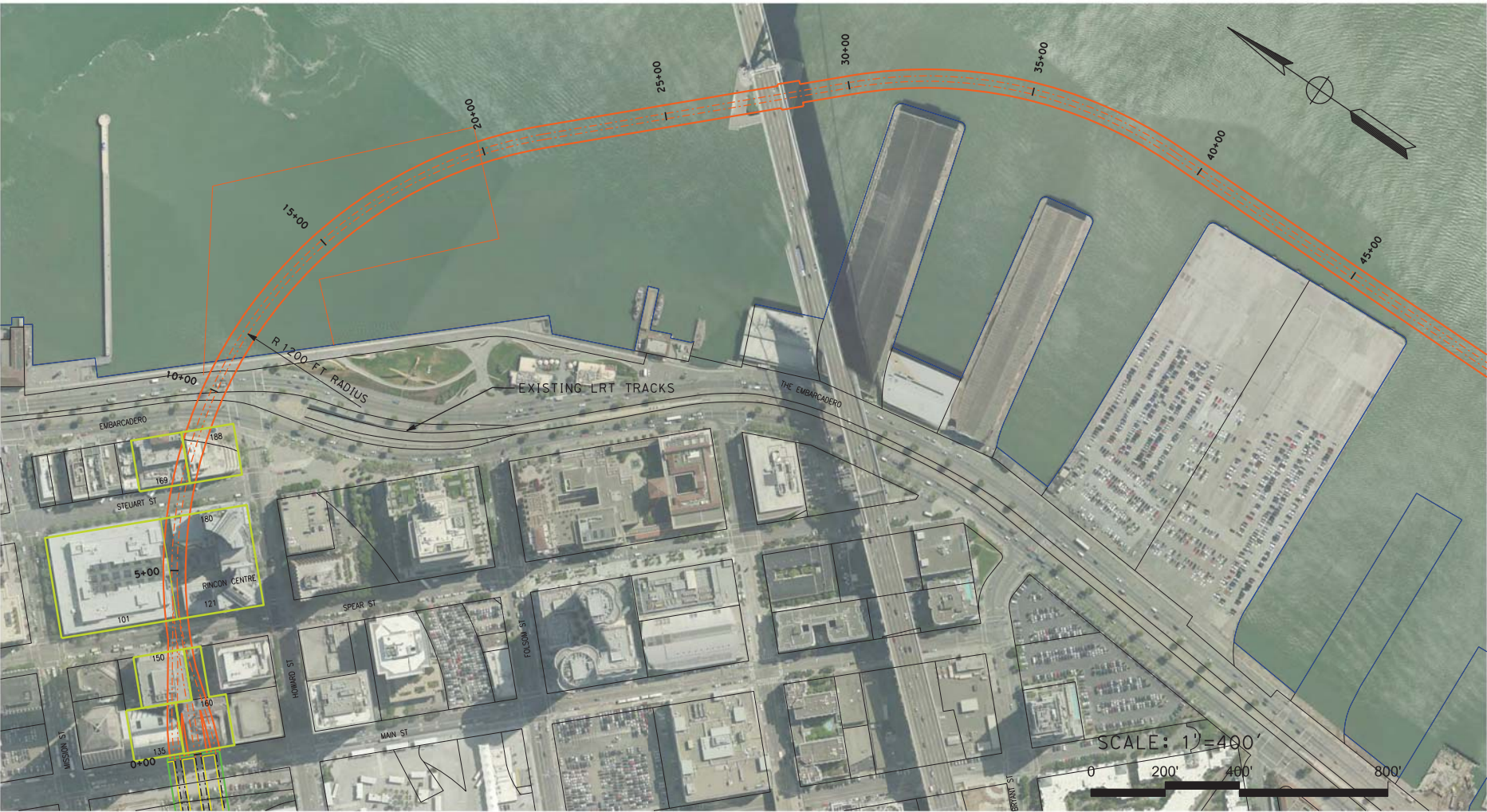
GEOLOGICAL KEY:

- ?--- ASSUMED BOUNDARY
- ARTIFICIAL FILL
- YOUNGER BAY MUD
- UPPER LAYERED SEDIMENTS
- FRANCISCAN COMPLEX BEDROCK

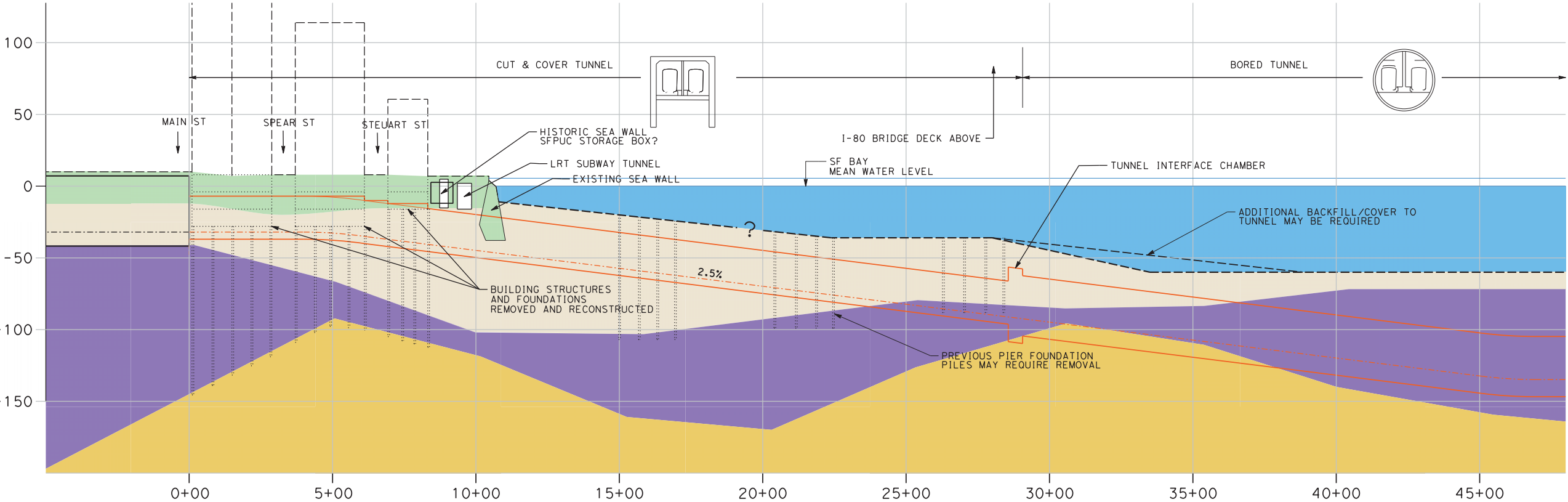
ch2m



DRAWN	CHECKED	APPROVED
MJM	SDF	JS
01-10-17	01-30-17	01-30-17
CLIENT		
CITY AND COUNTY OF SAN FRANCISCO, PLANNING DEPARTMENT		
PROJECT		
SF RAILYARD ALTERNATIVES AND I-280 BOULEVARD FEASIBILITY STUDY		
TITLE		
STEUART/EMBARCADERO LOOP (TJPA OPTION) : PLAN AND PROFILE		
DRAWING NUMBER		
EXHIBIT 6.1		
STATUS		
IN PROCESS, FOR DISCUSSION ONLY		
SCALE	REV	
AS SHOWN AT 11" X 17"	A	



PLAN



PROFILE

NOTES

1. THE STRATIGRAPHY SHOWN IS BASED ON LIMITED INFORMATION AVAILABLE AT TIME OF STUDY AND MAY CHANGE WITH ACTUAL GROUND INVESTIGATION.
2. VENTILATION AND FIRE LIFE SAFETY REQUIREMENTS HAVE NOT BEEN CONSIDERED AS PART OF THIS STUDY.
3. TUNNEL STRUCTURE BELOW EXISTING BUILDINGS BETWEEN STATION AND EMBARCADERO WOULD LIKELY REQUIRE RECONSTRUCTION OF BUILDING AND FOUNDATIONS.
4. TRACK LAYOUT AT STATION THROAT IS INDICATIVE ONLY.
5. REFER TO LOOP OPTIONS PLAN FOR CONNECTION TO ALIGNMENT ALTERNATIVES.

DRAFT
CONCEPTUAL
DESIGN ONLY

GEOLOGICAL KEY:

- ?--- ASSUMED BOUNDARY
- ARTIFICIAL FILL
- YOUNGER BAY MUD
- UPPER LAYERED SEDIMENTS
- OLD BAY CLAY
- LOWER LAYERED SEDIMENTS
- SLOPE DEBRIS/RAVINE FILL
- FRANCISCAN COMPLEX BEDROCK

ch2m



DRAWN	CHECKED	APPROVED
MJM	SDF	JS
01-10-17	01-30-17	01-30-17

CLIENT
CITY AND COUNTY OF SAN FRANCISCO,
PLANNING DEPARTMENT

PROJECT
SF RAILYARD ALTERNATIVES AND I-280
BOULEVARD FEASIBILITY STUDY

TITLE
UNDER THE BAY LOOP
PLAN AND PROFILE

DRAWING NUMBER
EXHIBIT 6.2

STATUS
IN PROCESS, FOR DISCUSSION ONLY

SCALE	REV
AS SHOWN AT 11" X 17"	B