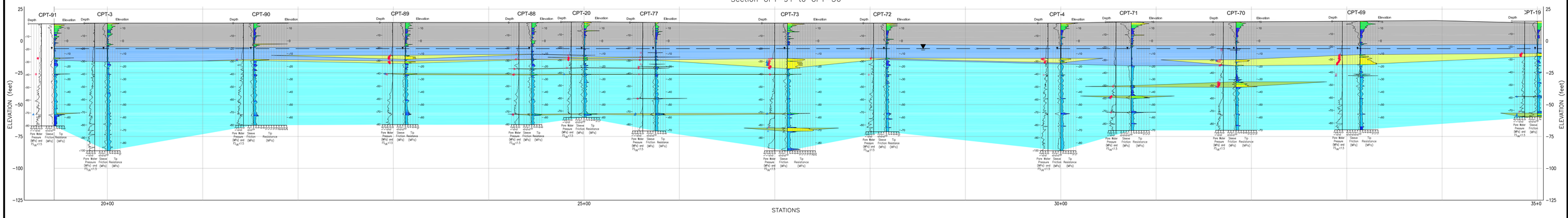
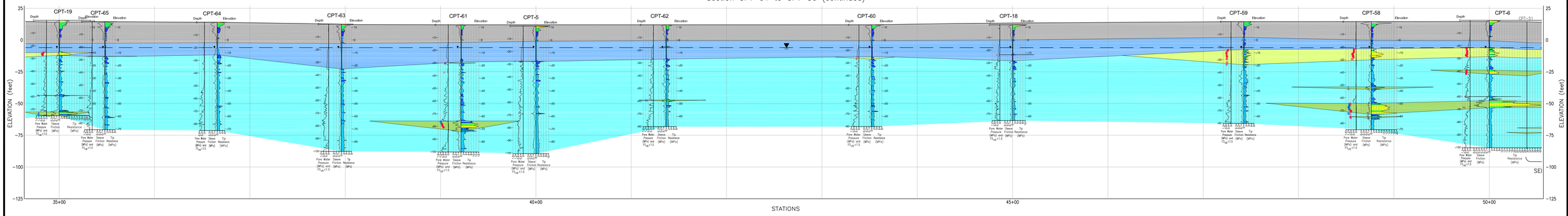
Section CPT-91 to CPT-36



Section CPT-91 to CPT-36 (continued)



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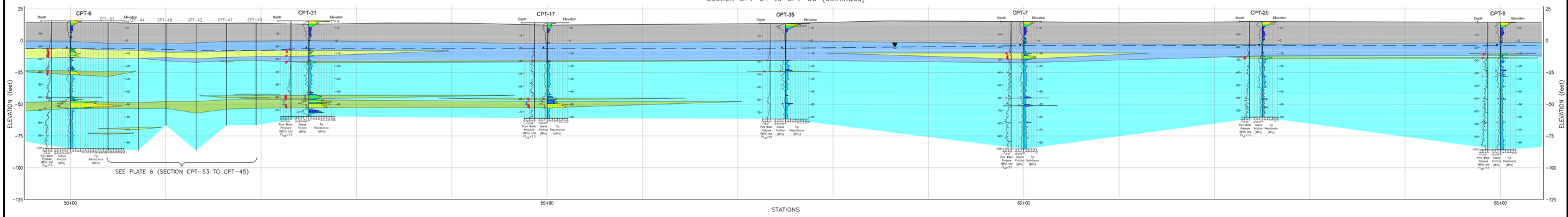

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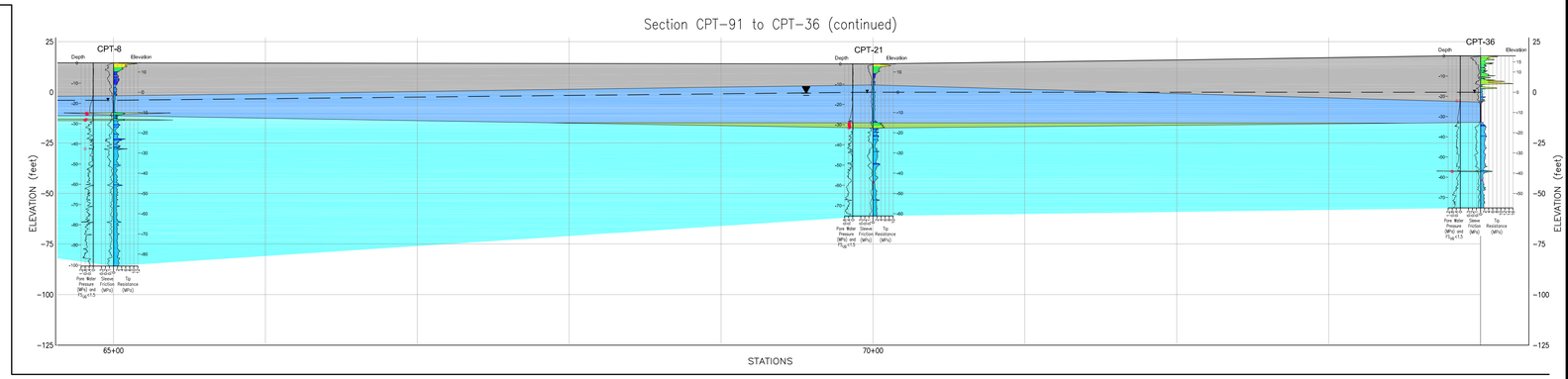
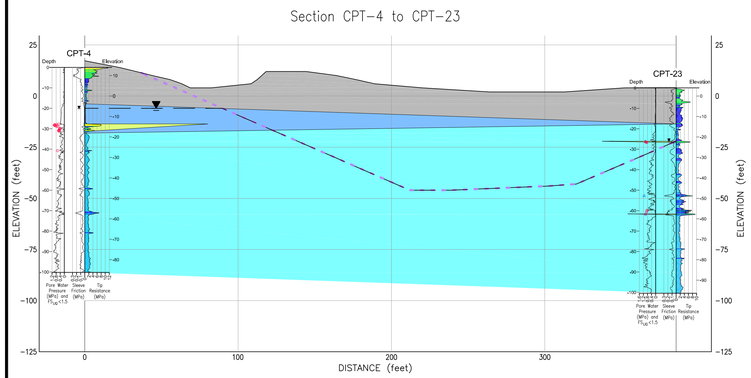
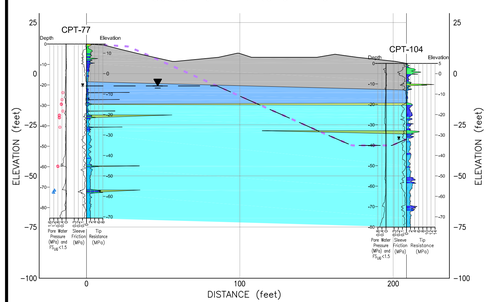


Section CPT-4 to CPT-23

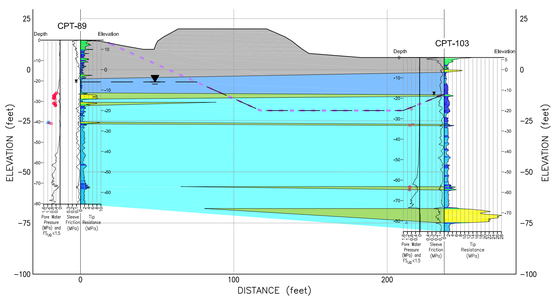


PROFILE SCALES
HORIZ.: 1" = 40'
VERT.: 1" = 30'

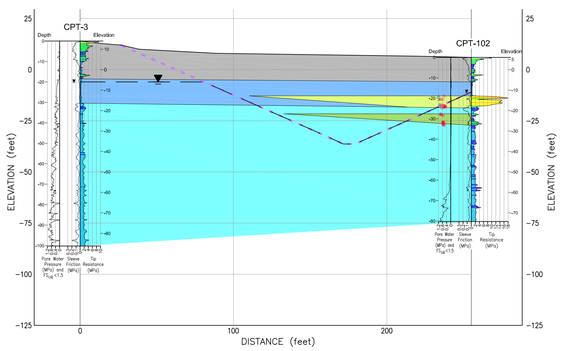
Section CPT-77 to CPT-104



Section CPT-89 to CPT-103



Section CPT-3 to CPT-102



EXPLANATION:

CPT 'SOIL BEHAVIOR':

- GRAVELLY TO DENSE SAND
- CLEAN SAND TO SILTY SAND
- SILTY SAND TO SANDY SILT
- CLAYEY SILT TO SILTY CLAY
- SILTY CLAY TO CLAY
- ORGANIC SOIL

INTERPRETIVE STRATIGRAPHY

- REFUSE
- FILL (LEVEE OR INTERIOR)
- YOUNG BAY MUD SILT/CLAY
- YOUNG BAY MUD SAND/SILTY SAND
- OLDER BAY ALLUVIUM SILT/CLAY
- OLDER BAY ALLUVIUM SAND/SILTY SAND

- 3/08/2007 GROUND SURFACE
- APPROXIMATE GEOLOGIC CONTACT
- EXISTING OR PROPOSED EXCAVATION SUBGRADE
- APPROXIMATE DESIGN PIEZOMETRIC SURFACE
- CROSS-SECTION LOCATION

LIQUEFACTION FACTOR OF SAFETY (FS_{LIQ}) BASED ON AVERAGE OF THREE METHODS: YOUD ET AL. (2001), MOSS ET AL. (2006), AND IDRISS & BOULANGER (2007):

- $1.0 \le FS_{LIQ} < 1.3$ } ONLY SHOWN BELOW DESIGN PIEZOMETRIC SURFACE
- $FS_{LIQ} < 1.0$

REFERENCE:
TOPOGRAPHIC MAP (as of 3/8/07) PROVIDED BY HJW GEOSPATIAL, INC.

PLATE 2

GEOLOGIC CROSS-SECTIONS

GEOTECHNICAL EVALUATION FOR PROPOSED VERTICAL EXPANSION NEWBY ISLAND SANITARY LANDFILL SAN JOSE, CA

Geo-Logic ASSOCIATES

DRAWN BY: VL	DATE: MAY 2008	JOB NO.: 2004-049