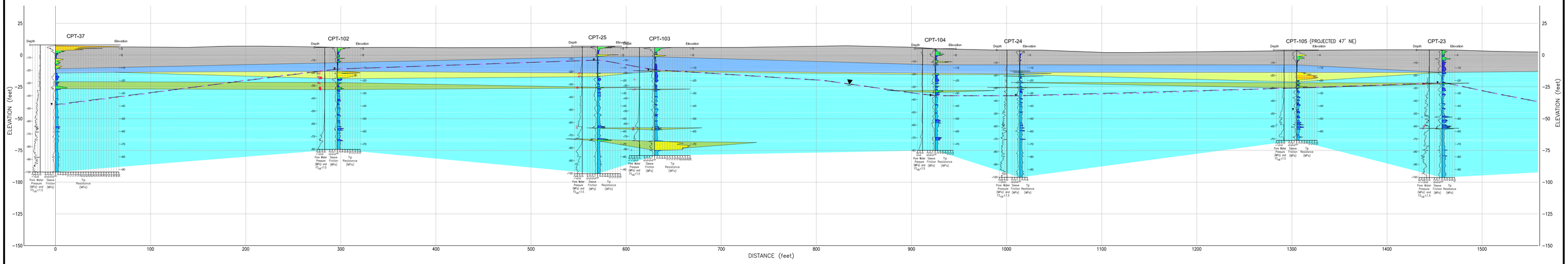
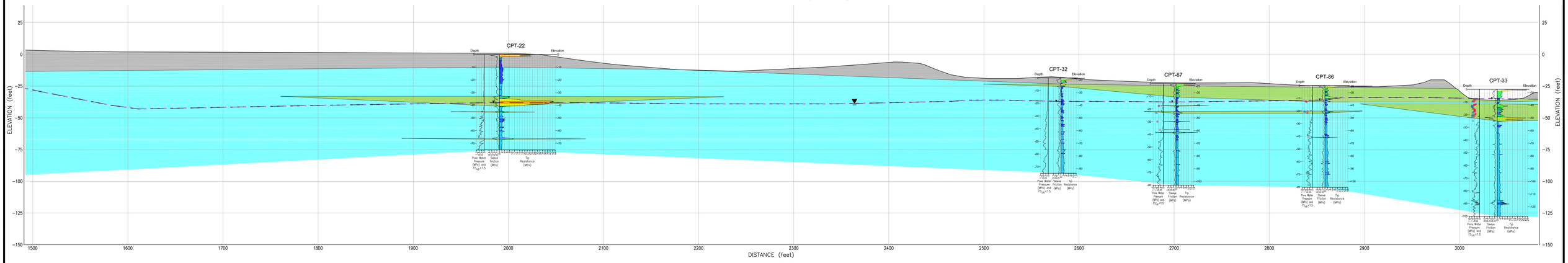
Section CPT-37 to CPT-36



Section CPT-37 to CPT-36 (continued)



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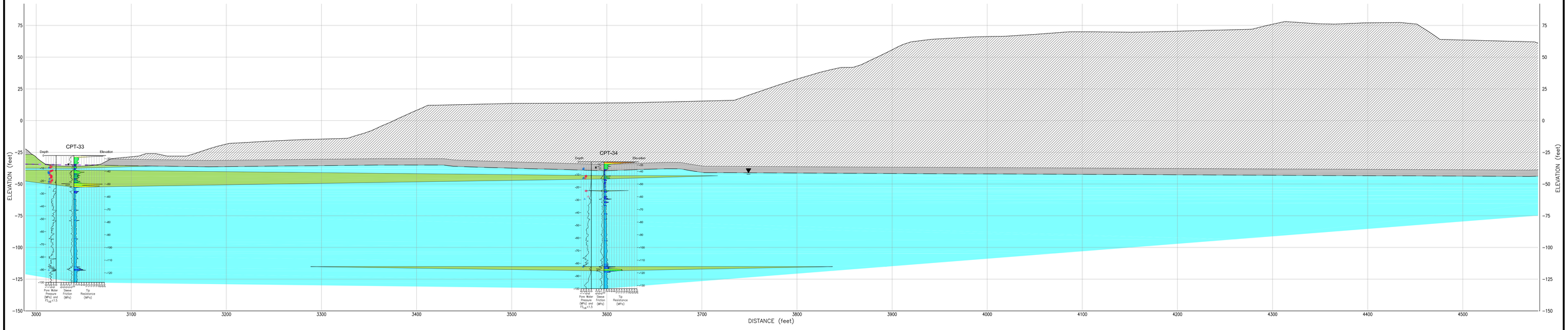
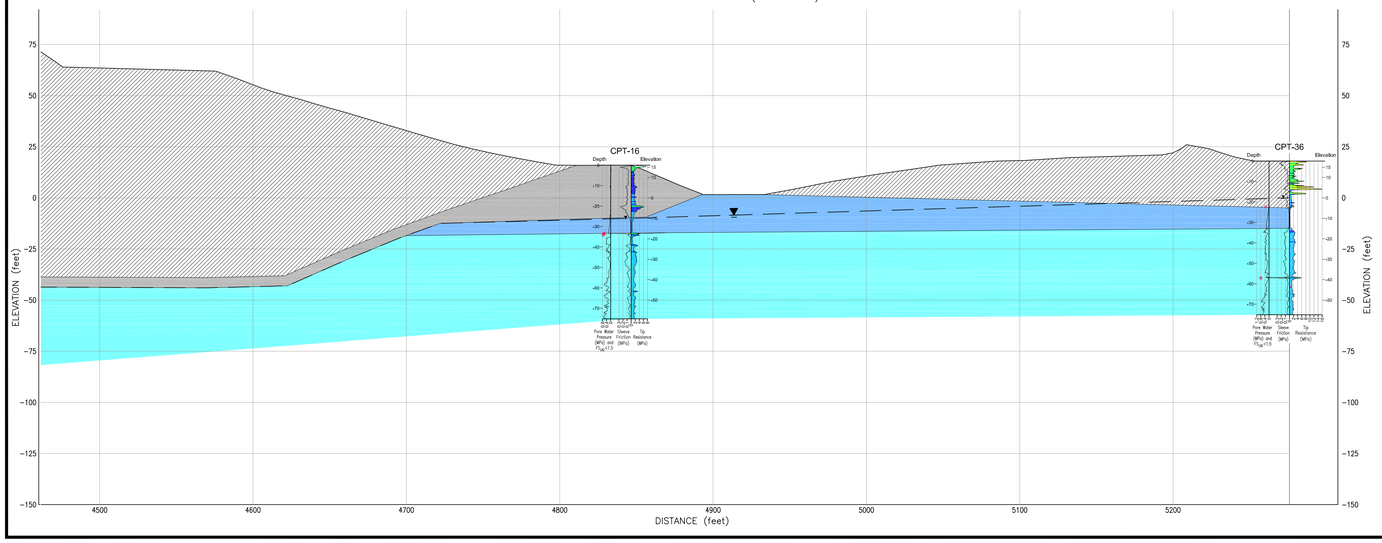


Section CPT-37 to CPT-36 (continued)



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

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

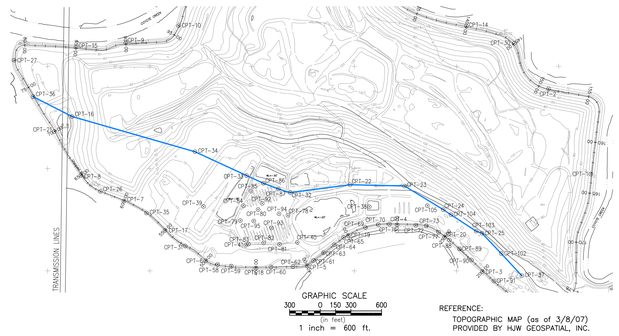
INTERPRETIVE STRATIGRAPHY

- 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):

$1.0 < FS_{Liq} < 1.3$
$FS_{Liq} < 1.0$
} ONLY SHOWN BELOW DESIGN PIEZOMETRIC SURFACE



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

PLATE 3

GEOLOGIC CROSS-SECTION CPT-37 TO CPT-36

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