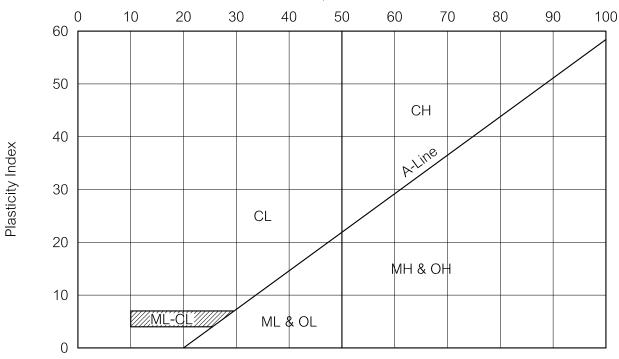
PLASTICITY CHART





GRADATION CHART

COMPONENT DEFINITIONS BY GRADATION	
COMPONENT	SIZE RANGE
Boulders	Above 12 in.
Cobbles	3 in. to 12 in.
Gravel Coarse gravel Fine gravel	3 in. to No. 4 (4.76 mm) 3 in. to 3/4 in. 3/4 in. to No. 4 (4.76 mm)
Sand Coarse sand Medium sand Fine sand Silt and clay	No. 4 (4.76 mm) to No. 200 (0.074 mm) No. 4 (4.76 mm) to No. 10 (2.0 mm) No. 10 (2.0 mm) to No. 40 (0.42 mm) No. 40 (0.42 mm) to No. 200 (0.074 mm) Smaller than No. 200 (0.074 mm)



Keaau-Pahoa Road Improvements - Route 130

Hirata & Associates, Inc.

Geotechnical Engineering

W.O. 18-6213

UNIFIED SOIL CLASSIFICATION SYSTEM

Plate A3.2