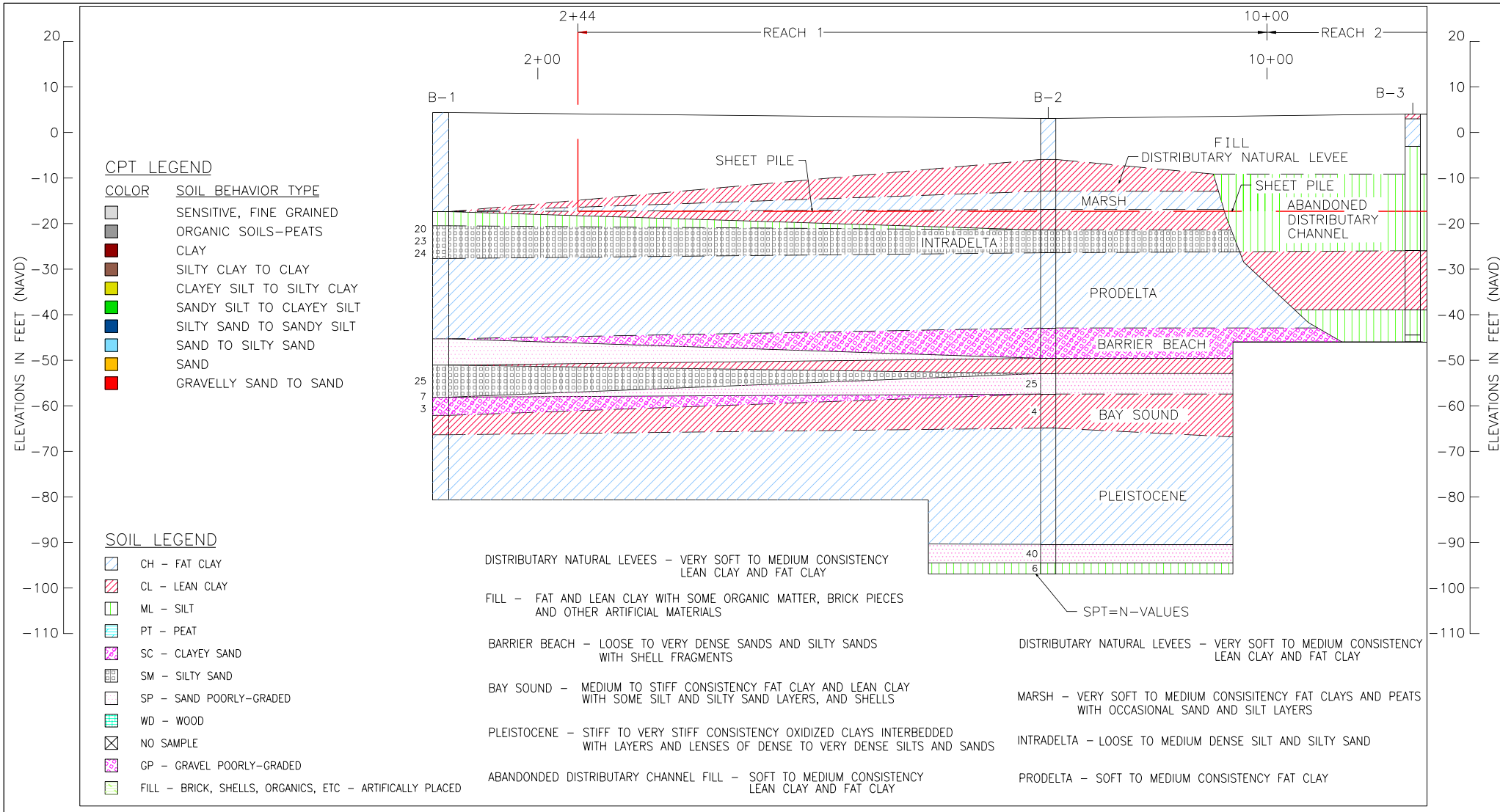

CPT LEGEND

COLOR	SOIL BEHAVIOR TYPE
	SENSITIVE, FINE GRAINED
	ORGANIC SOILS-PEATS
	CLAY
	SILTY CLAY TO CLAY
	CLAYEY SILT TO SILTY CLAY
	SANDY SILT TO CLAYEY SILT
	SILTY SAND TO SANDY SILT
	SAND TO SILTY SAND
	SAND
	GRAVELLY SAND TO SAND

SOIL LEGEND

- CH - FAT CLAY
- CL - LEAN CLAY
- ML - SILT
- PT - PEAT
- SC - CLAYEY SAND
- SM - SILTY SAND
- SP - SAND POORLY-GRADED
- WD - WOOD
- NO SAMPLE
- GP - GRAVEL POORLY-GRADED
- FILL - BRICK, SHELLS, ORGANICS, ETC - ARTIFICALLY PLACED

DISTRIBUTARY NATURAL LEVEES - VERY SOFT TO MEDIUM CONSISTENCY LEAN CLAY AND FAT CLAY

FILL - FAT AND LEAN CLAY WITH SOME ORGANIC MATTER, BRICK PIECES AND OTHER ARTIFICIAL MATERIALS

BARRIER BEACH - LOOSE TO VERY DENSE SANDS AND SILTY SANDS WITH SHELL FRAGMENTS

BAY SOUND - MEDIUM TO STIFF CONSISTENCY FAT CLAY AND LEAN CLAY WITH SOME SILT AND SILTY SAND LAYERS, AND SHELLS

PLEISTOCENE - STIFF TO VERY STIFF CONSISTENCY OXIDIZED CLAYS INTERBEDDED WITH LAYERS AND LENSES OF DENSE TO VERY DENSE SILTS AND SANDS

ABANDONDED DISTRIBUTARY CHANNEL FILL - SOFT TO MEDIUM CONSISTENCY LEAN CLAY AND FAT CLAY

DISTRIBUTARY NATURAL LEVEES - VERY SOFT TO MEDIUM CONSISTENCY LEAN CLAY AND FAT CLAY

MARSH - VERY SOFT TO MEDIUM CONSISITENCY FAT CLAYS AND PEATS WITH OCCASIONAL SAND AND SILT LAYERS

INTRADELTA - LOOSE TO MEDIUM DENSE SILT AND SILTY SAND

PRODELTA - SOFT TO MEDIUM CONSISTENCY FAT CLAY

HORIZONTAL SCALE IN FEET

100 50 0 100 200 FT

NOTES:

1. STRATIGRAPH OF PORTIONS OF PROFILE W/O BORING IS BASED ON THE CENTERLINE PROFILE.
2. VST RESULTS INDICATE Su IN psf.

NOTES (CONT'D):

3. FILL WAS IDENTIFIED BASED ON;
   a) FOR BORINGS, PREVIOUS PROFILES, AND/OR STIFF SOILS WITHOUT WOOD.
   b) FOR CPTS, RELATIVELY STIFF SOIL ZONES.
4. +50 SPT TESTS REACHED 50 IN LESS THAN 12 INCHES.

LAKE PONTCHARTRAIN AND VICINITY
LONDON AVENUE OUTFALL CANAL
WESTBANK ℄

SOIL AND GEOLOGIC PROFILE

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORP OF ENGINEERS
NEW ORLEANS, LOUISANA

DESIGNED BY:	PLOT SCALE: 1 : 10	PLOT DATE:	CADD FILE:
DRAWN BY:			FILE NO.
CHECKED BY:	DATE:		PLATE 31