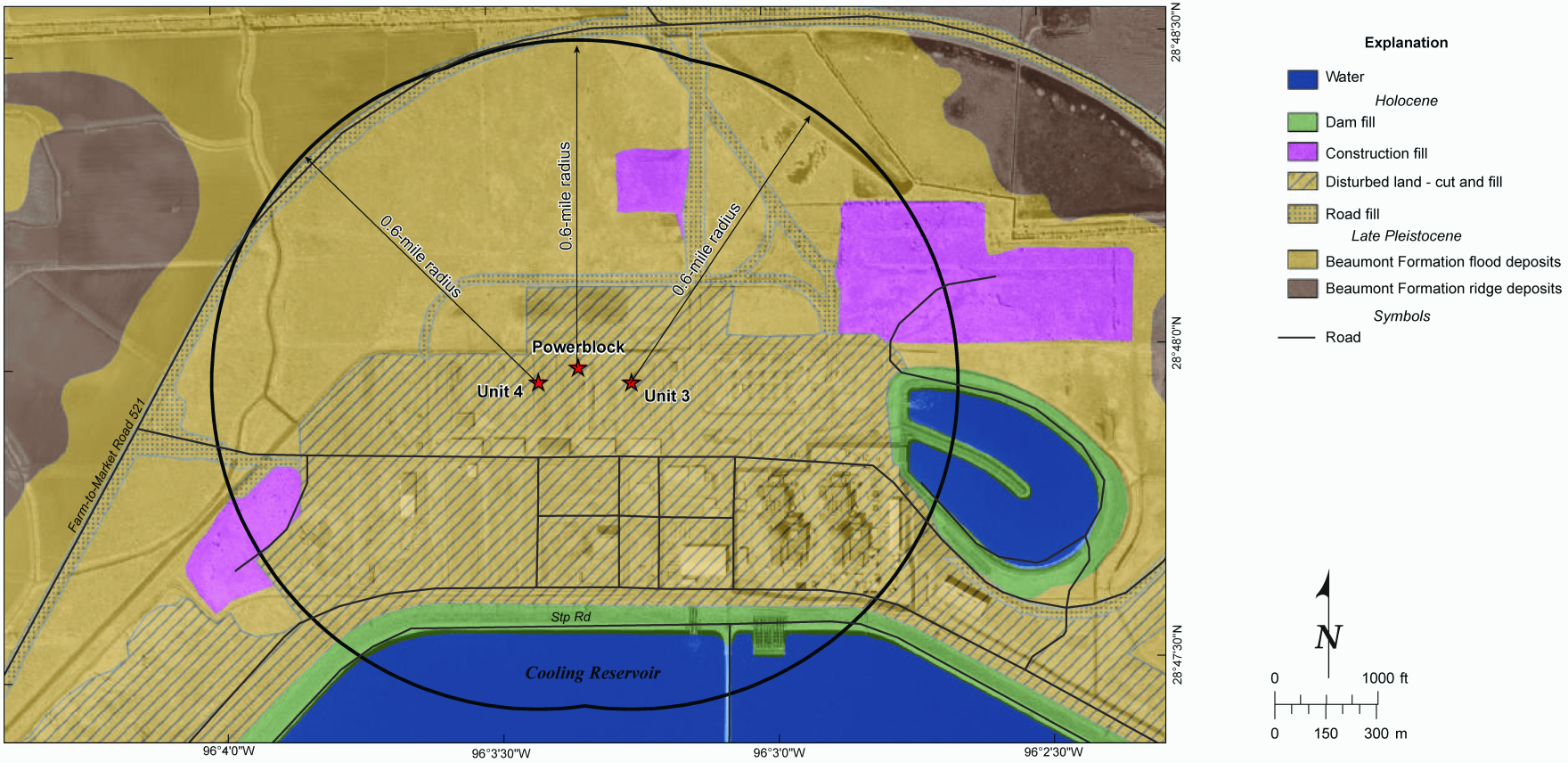

Geology based on USDA Soil Survey (Reference 2.5S.1-149) and analysis of aerial photographs.
Base image: USGS Blessing SE digital orthophoto (Reference 2.5S.1-6)

Figure 2.5S.1-28 Site Area Geological Map (0.6-mile radius)

Stratigraphic Unit	Geological/Geotechnical Strata Description	Ground Surface	Approximate Thickness	Hydrogeologic Unit	
Beaumont Formation	A - Silty Clay B - Clayey Silt		10-30 ft	Chicot Aquifer	Upper Shallow Aquifer Confining Layer
	C - Silty Sand		20-30 ft		Upper Shallow Aquifer
	D - Silty Clay		15-25 ft		Lower Shallow Aquifer Confining Layer
	E - Sand		25-50 ft		Lower Shallow Aquifer
	F - Silty Clay H - Silty Sand J - Silty Clay		100-150 ft		Silty Clay and Silt with discontinuous thin Sand Layers
	K - Sandy Silt L - Silty Clay M - Silty Sand N - Silty Clay		>500 ft		Deep Aquifer

Note: This figure is not to scale.

Figure 2.5S.1-29 STP Site Specific Generalized Stratigraphic Column

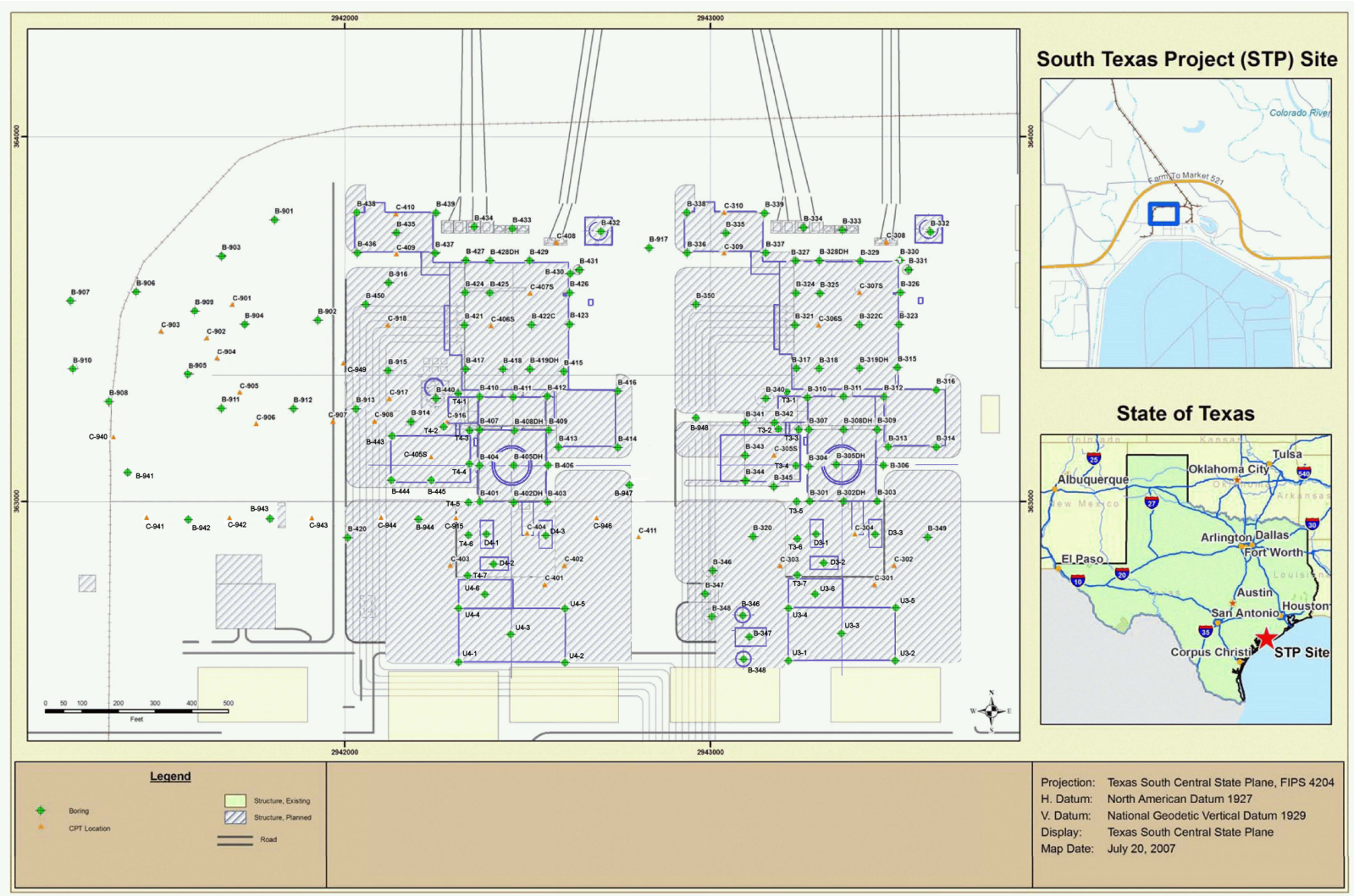

Figure 2.5S.1-30 STP 3 & 4 Boring and CPT Locations

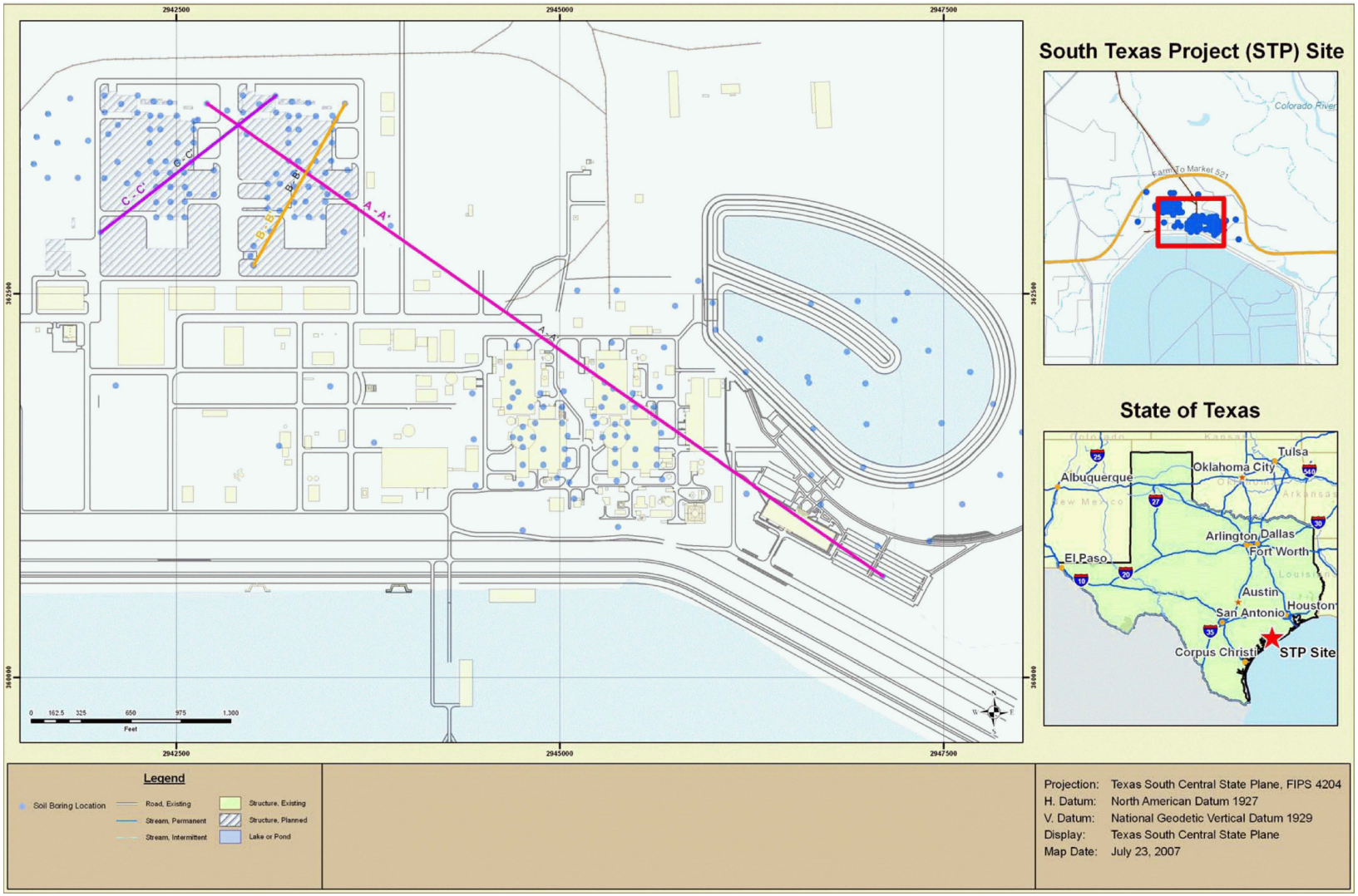

Figure 2.5S.1-31 STP 3 & 4 Cross Section Locations

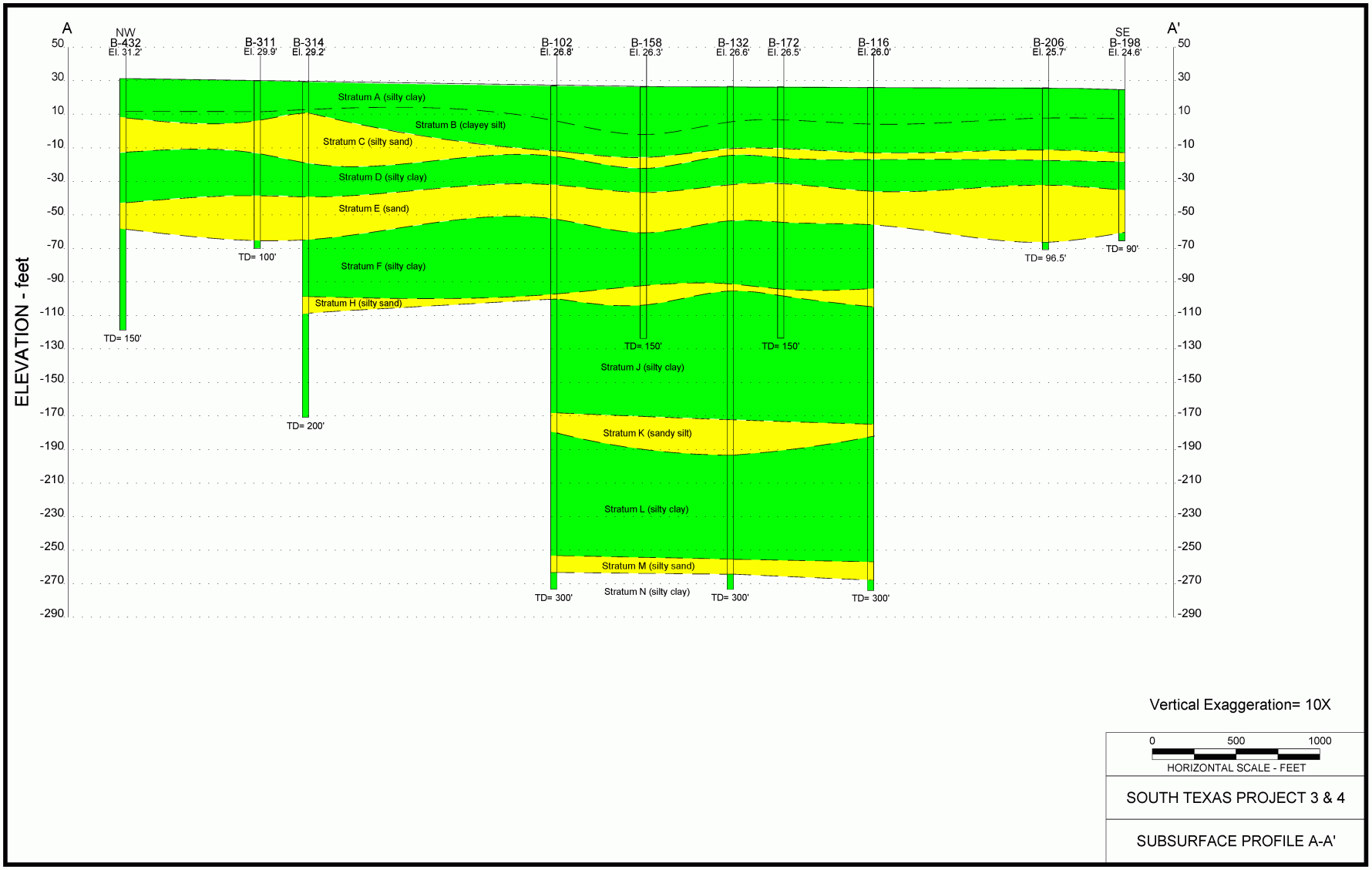

Figure 2.5S.1-32 Subsurface Profile A-A'

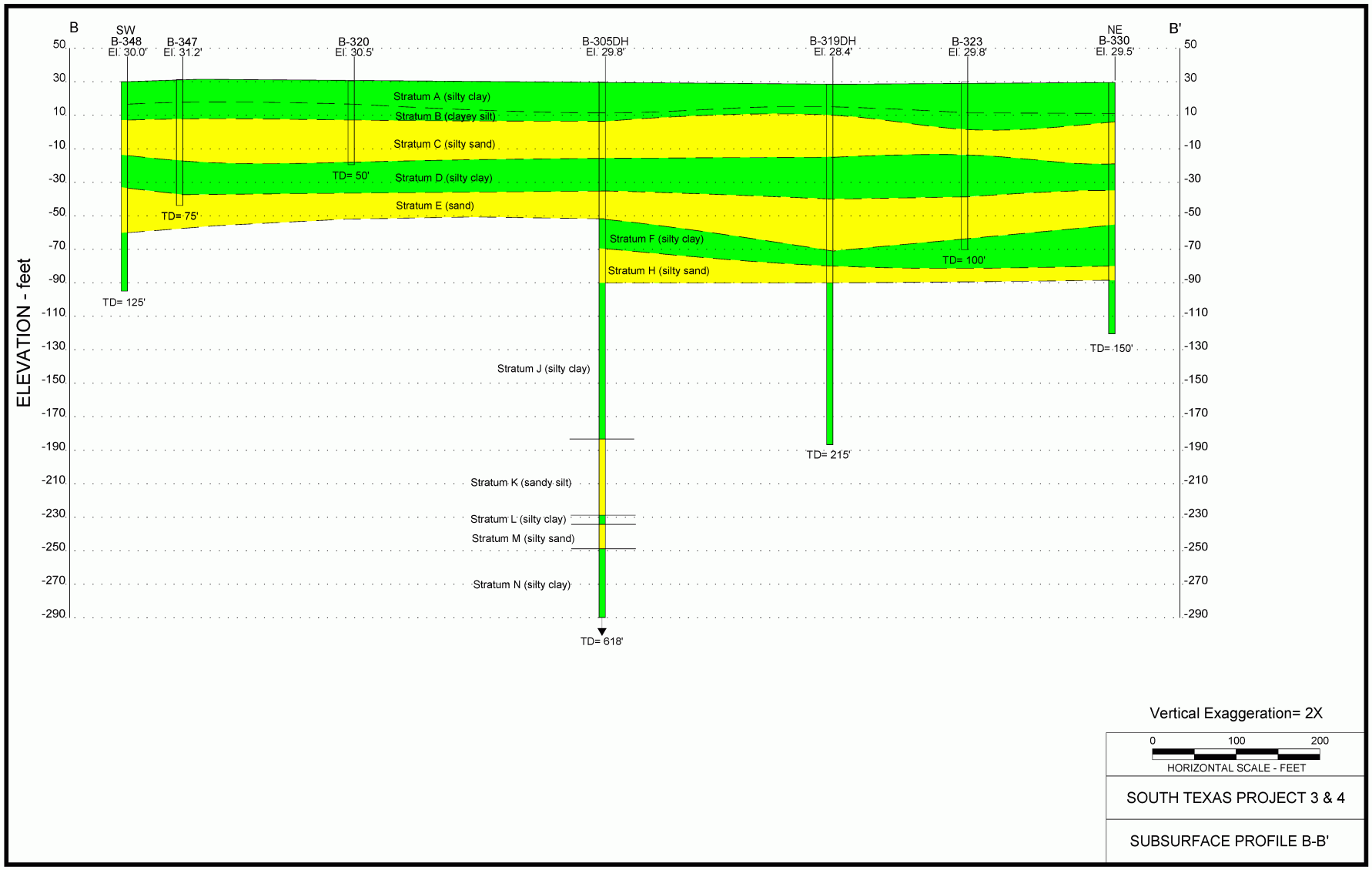

Figure 2.5S.1-33 Subsurface Profile B-B'

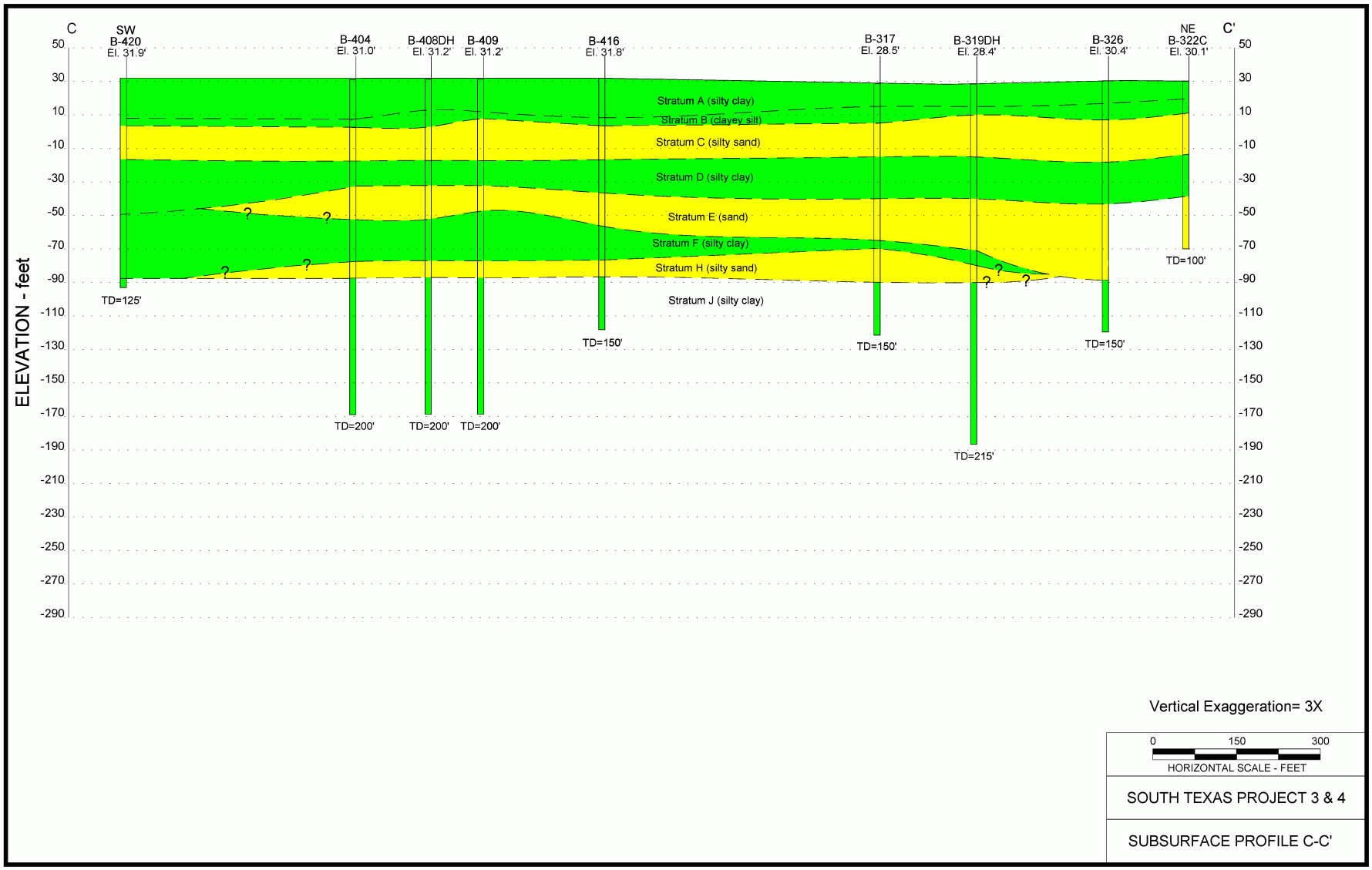

Figure 2.5S.1-34 Subsurface Profile C-C'

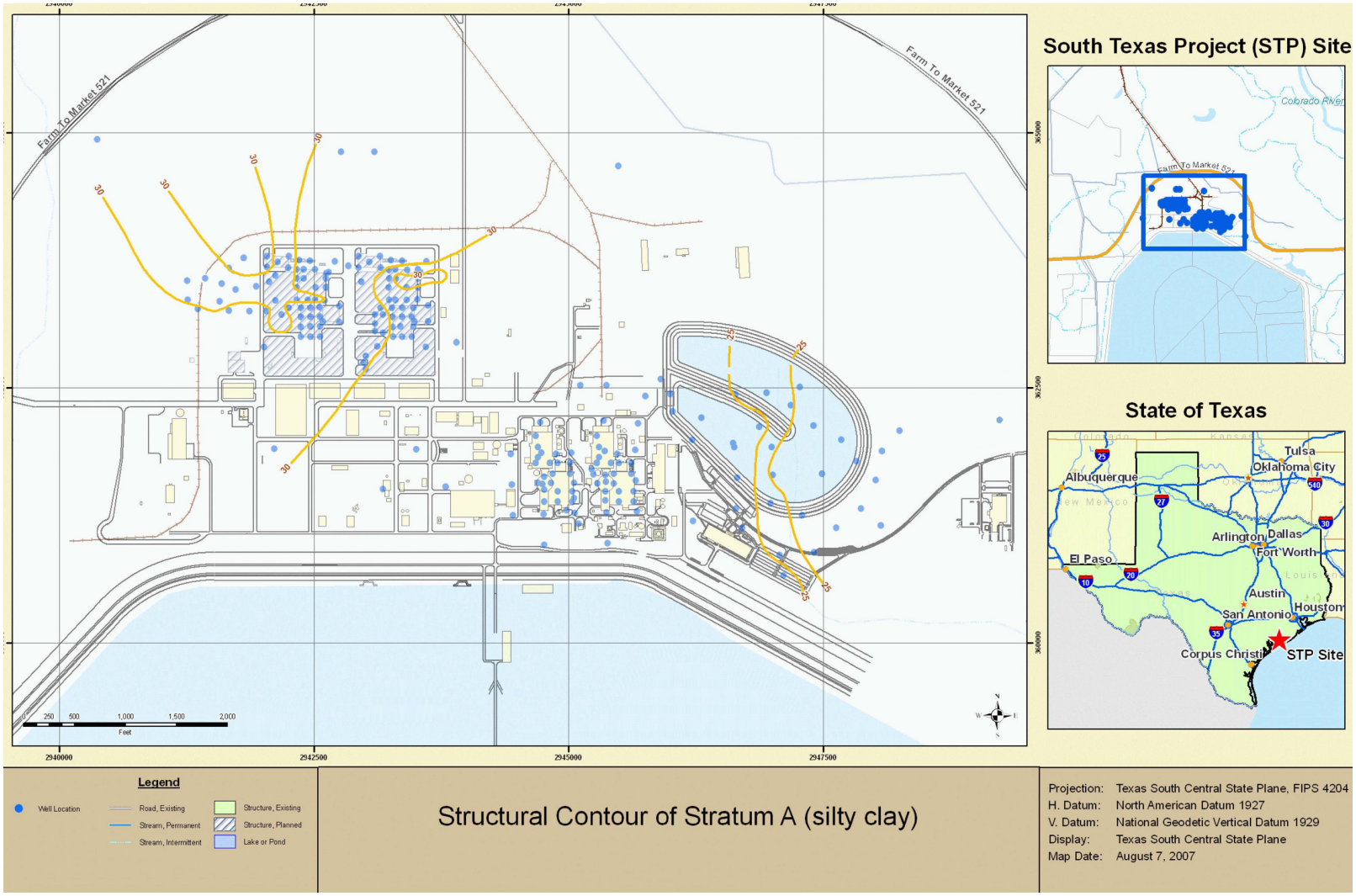

Figure 2.5S.1-35 Structure Contour Map of Stratum A (Silty Clay)

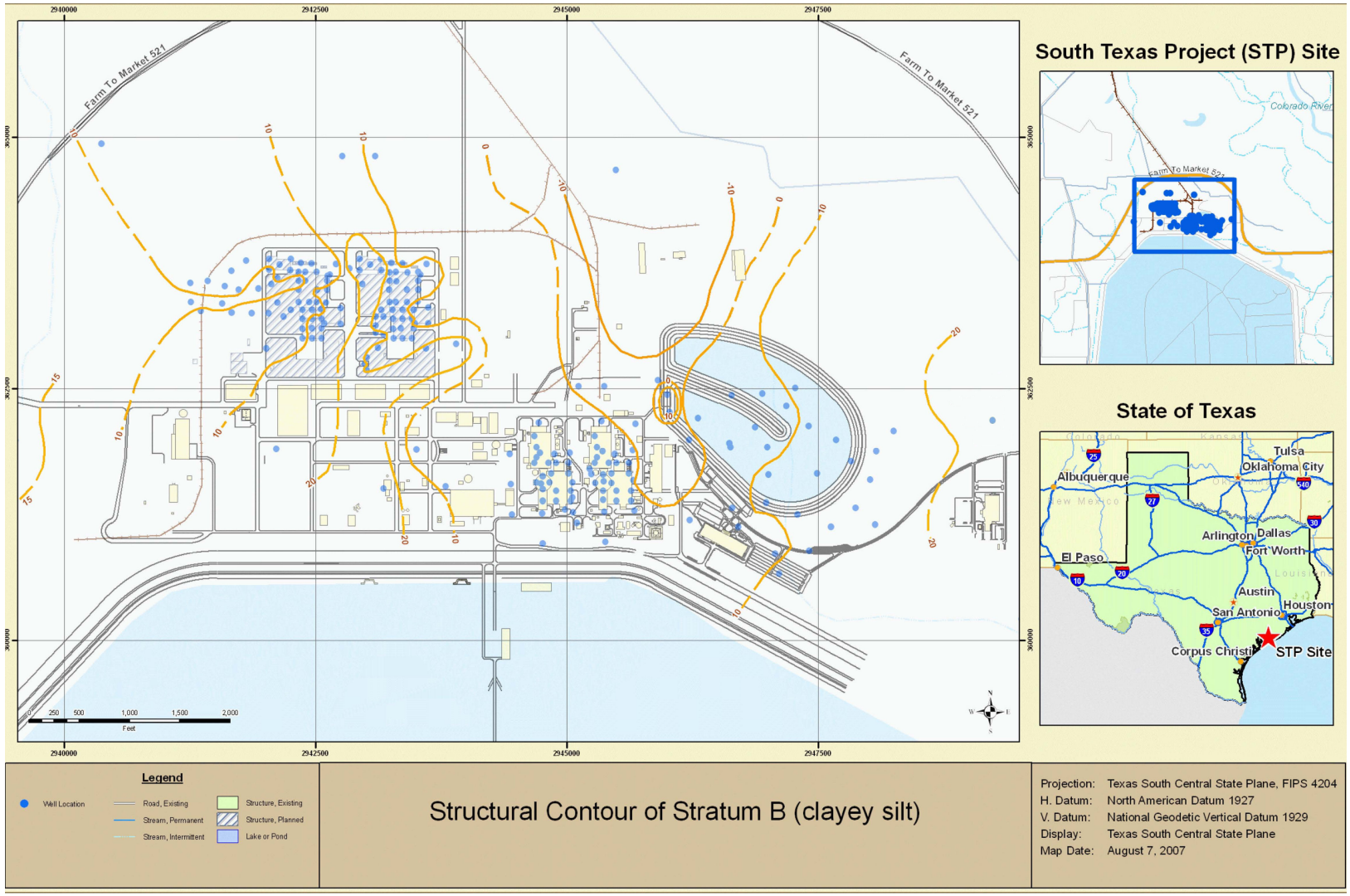

Figure 2.5S.1-36 Structure Contour Map of Stratum B (Clayey Silt)