

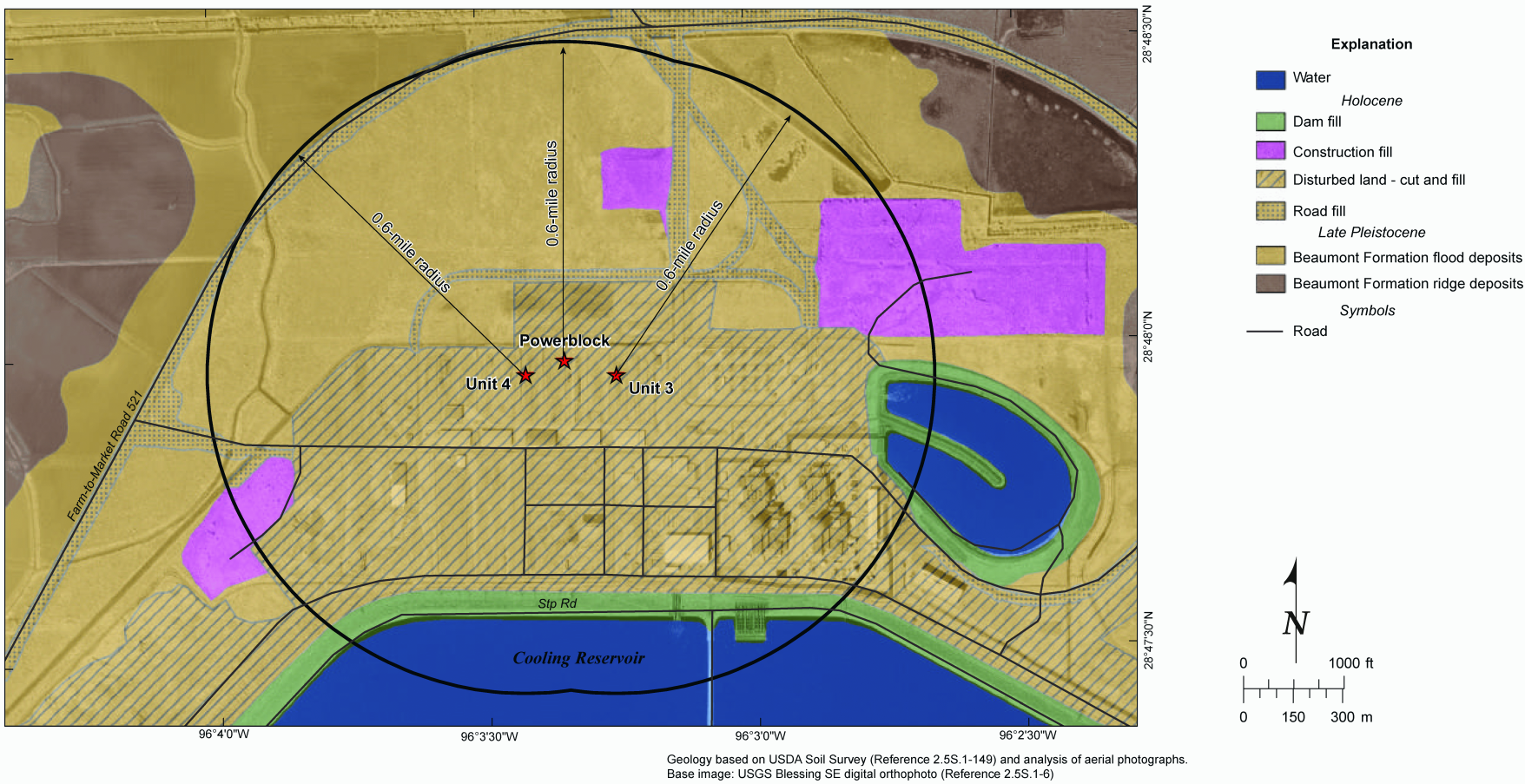
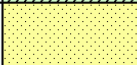
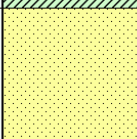
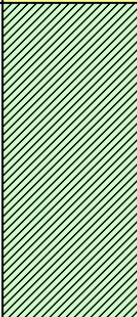
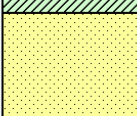
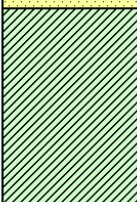


Figure 2.5S.1-28 Site Area Geological Map (0.6-mile radius)

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

Note: This figure is not to scale.

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

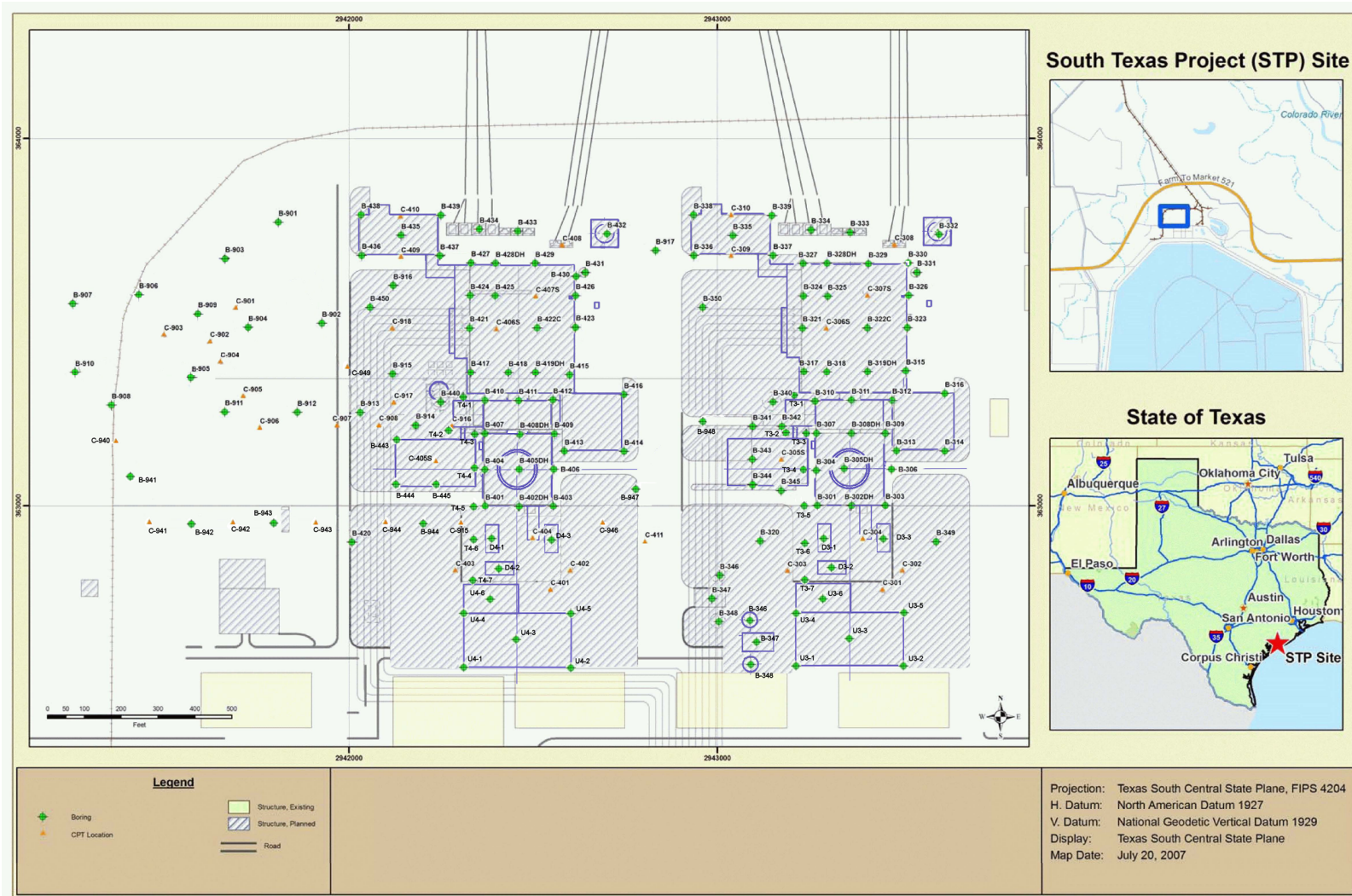


Figure 2.5S.1-30 STP 3 & 4 Boring and CPT Locations



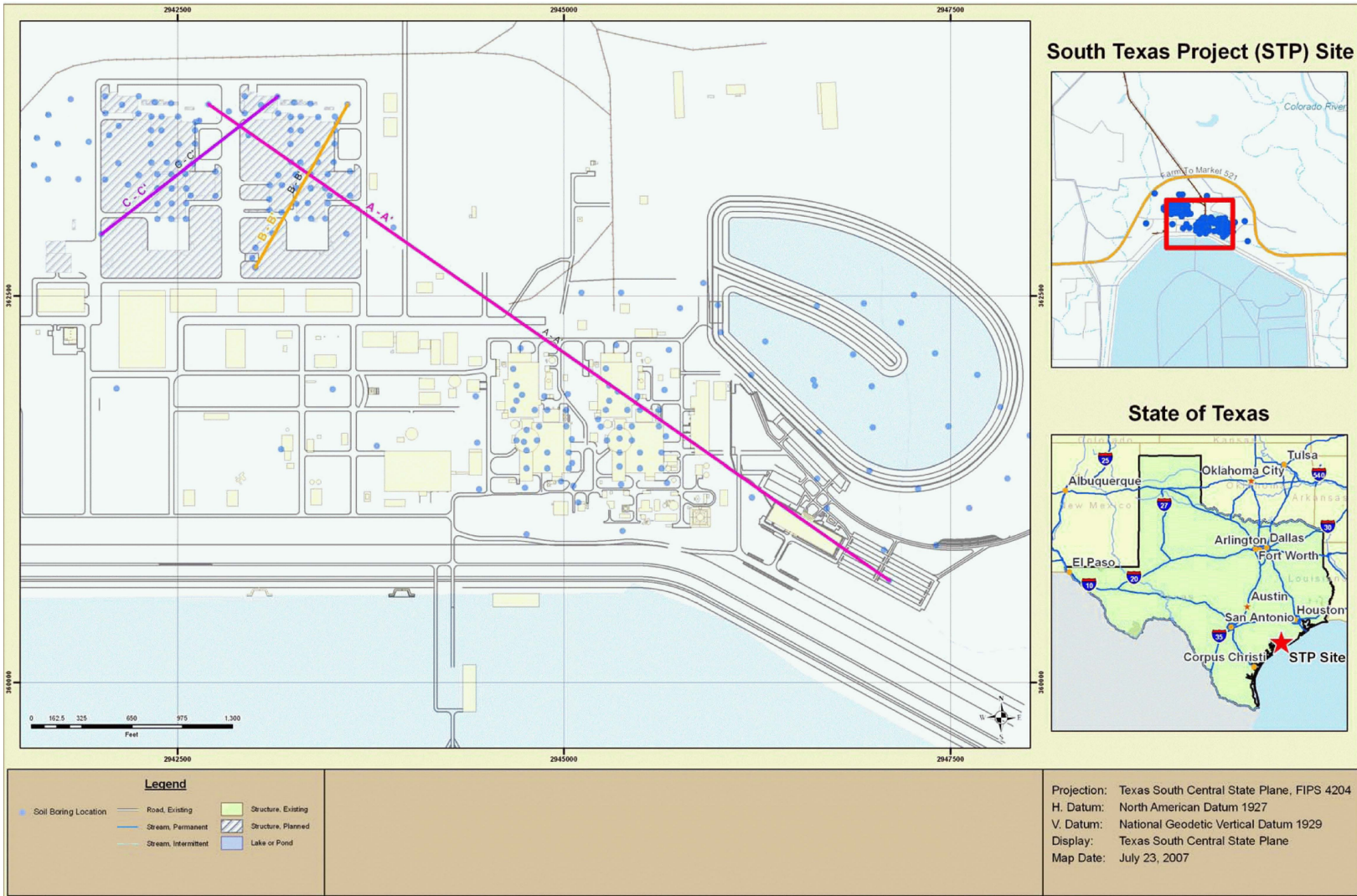


Figure 2.5S.1-31 STP 3 & 4 Cross Section Locations



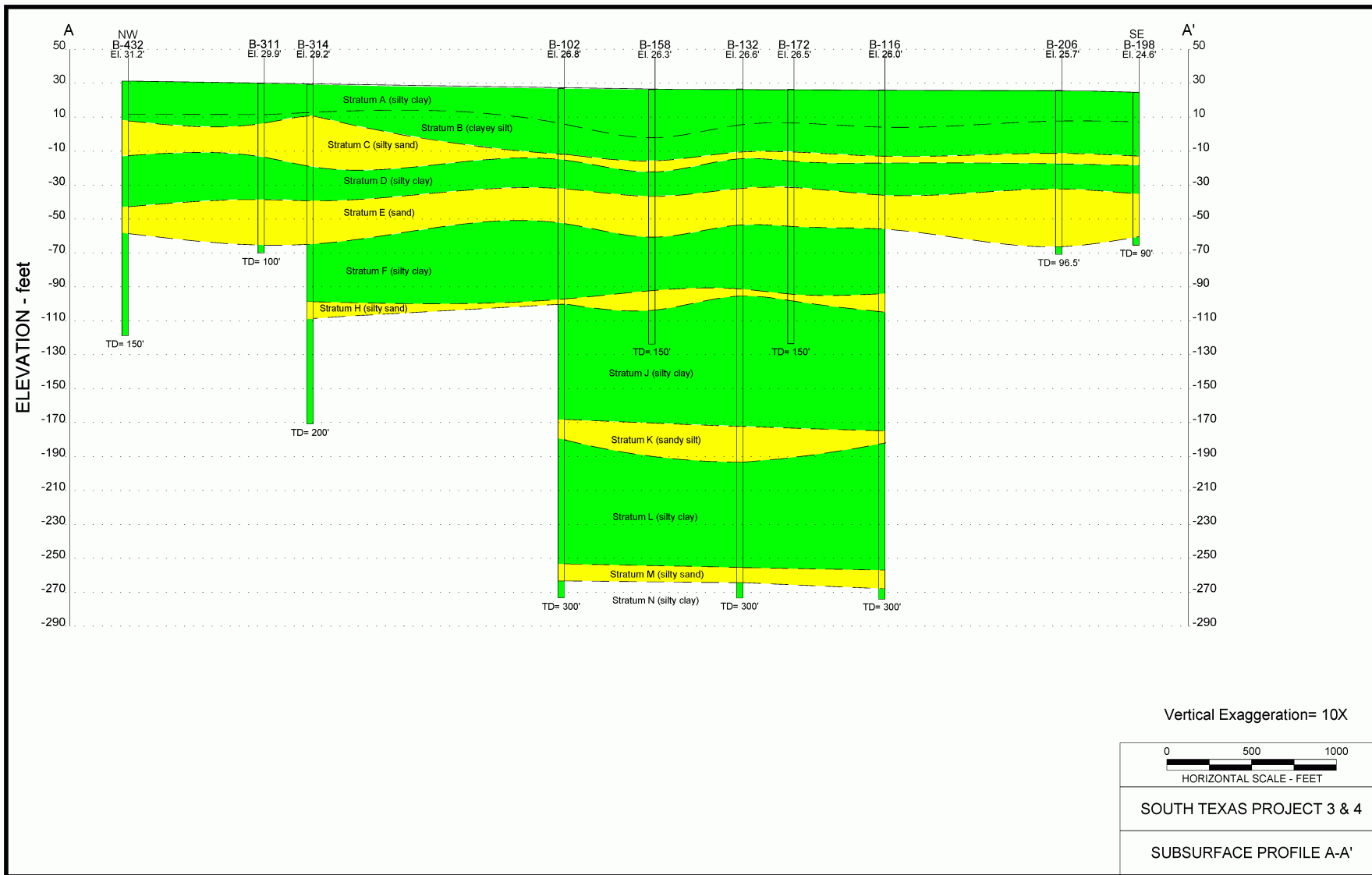


Figure 2.5S.1-32 Subsurface Profile A-A'

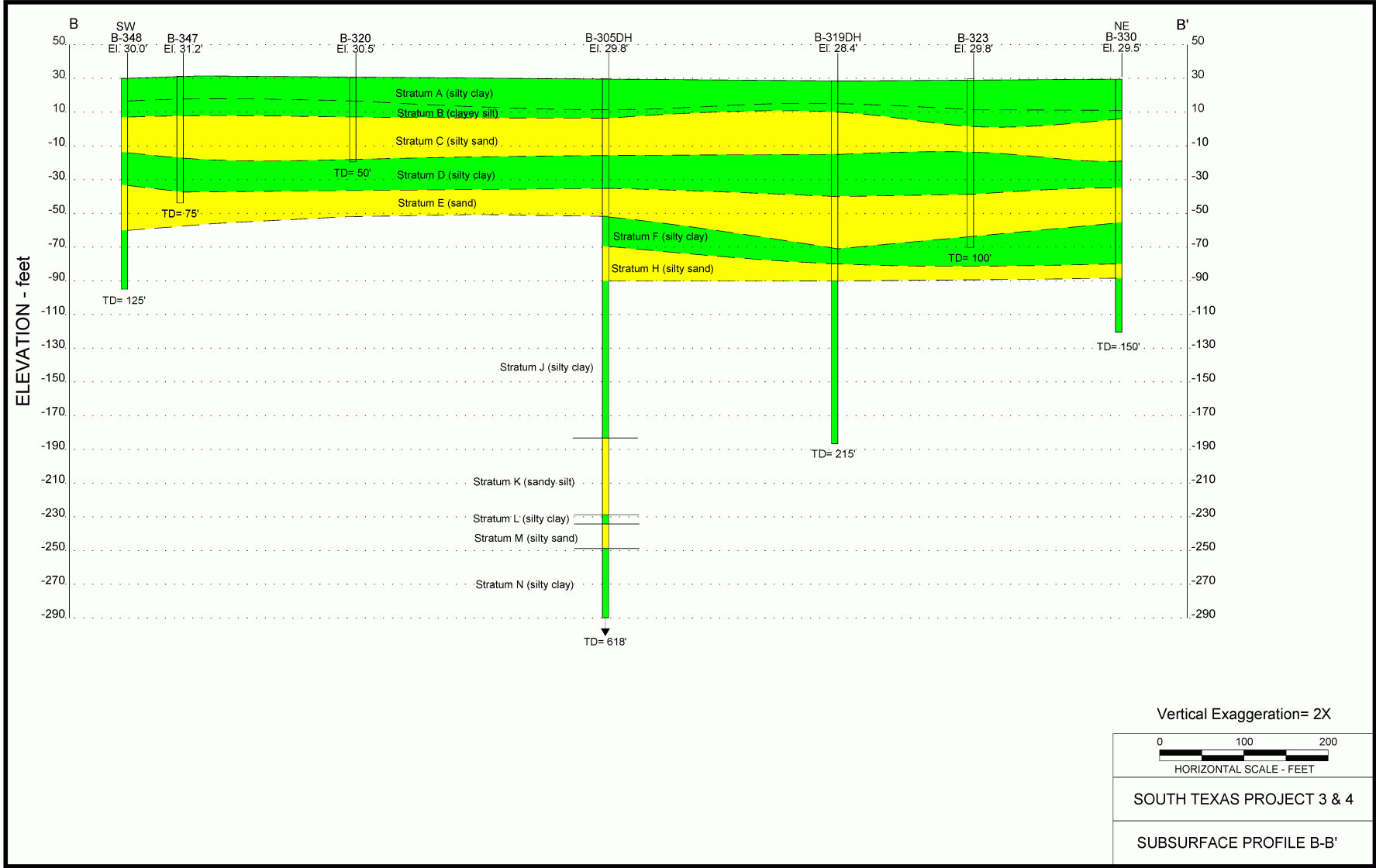


Figure 2.5S.1-33 Subsurface Profile B-B'



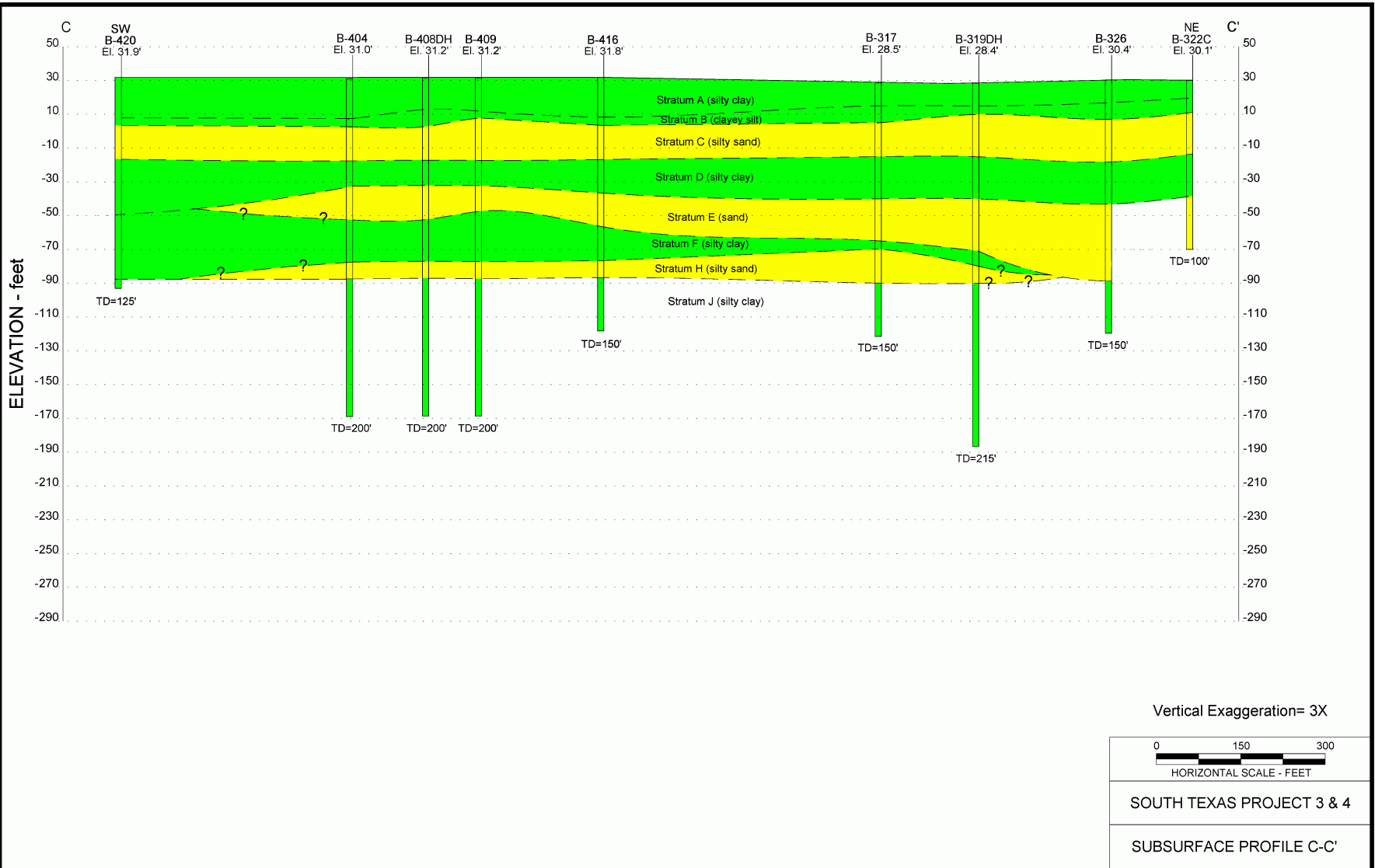


Figure 2.5S.1-34 Subsurface Profile C-C'

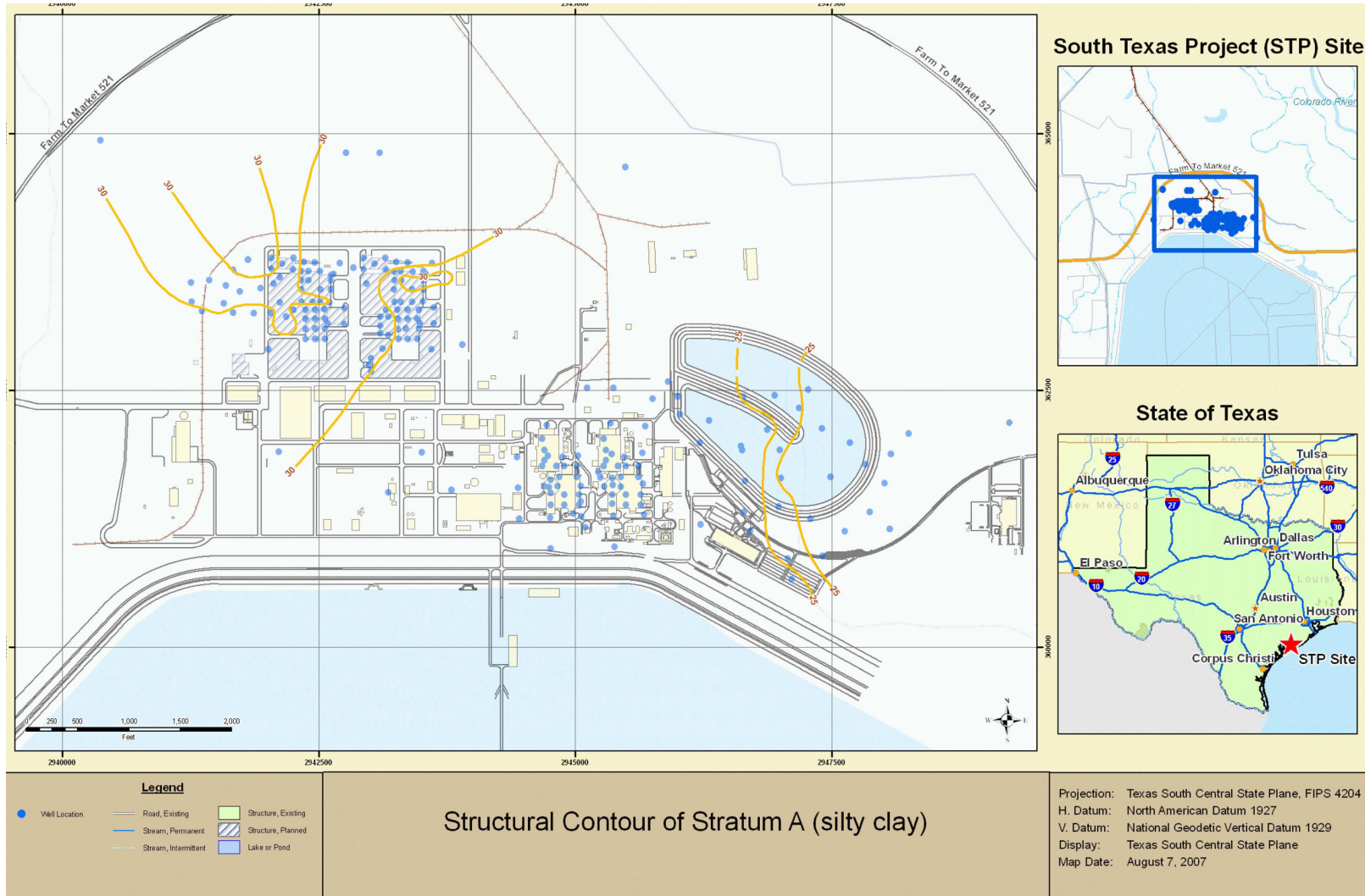


Figure 2.5S.1-35 Structure Contour Map of Stratum A (Silty Clay)

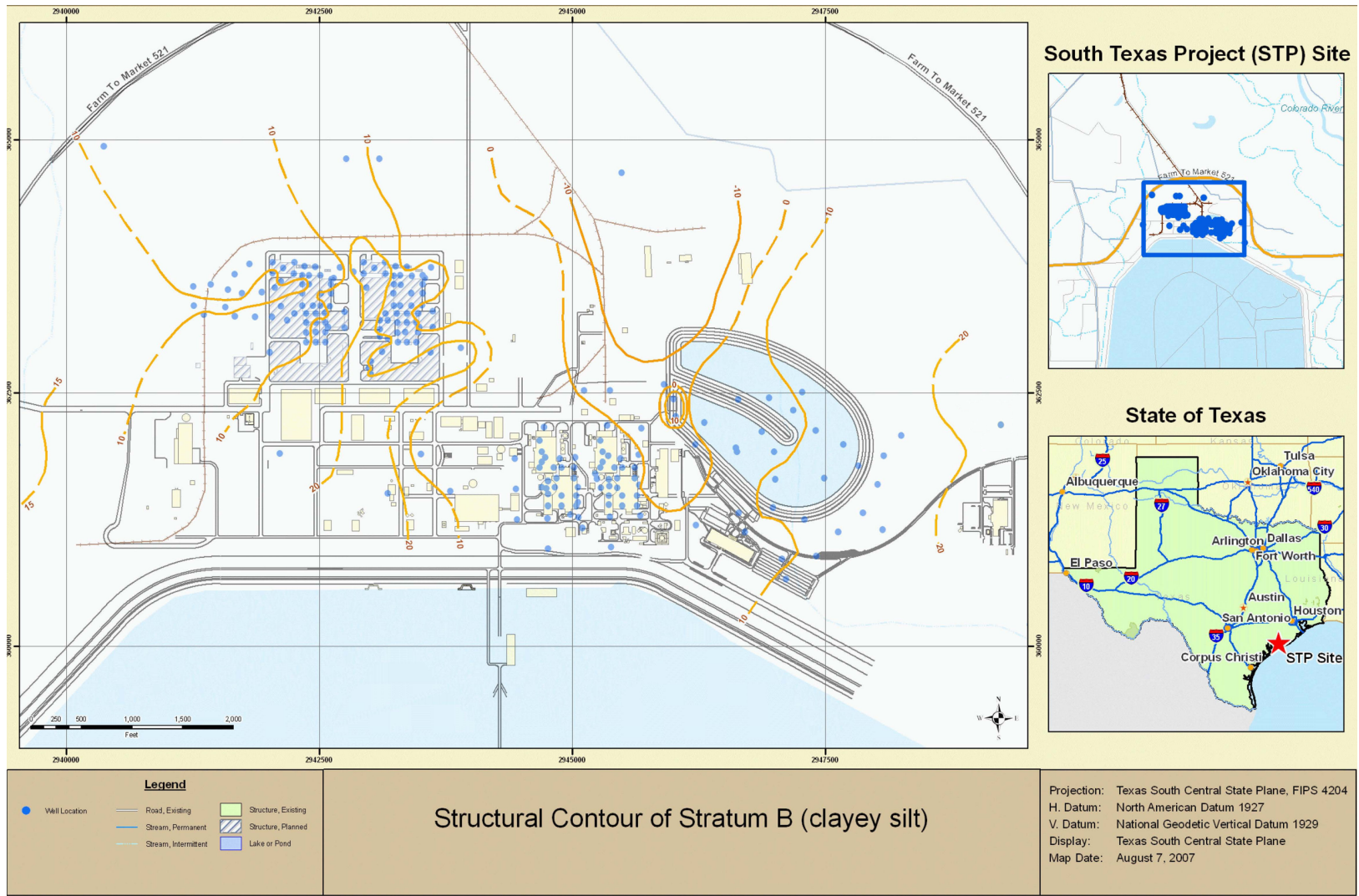


Figure 2.5S.1-36 Structure Contour Map of Stratum B (Clayey Silt)