

Figure 2.4-88— (The Differences Between the Potentiometric Surfaces of the Lower Patapsco Aquifer, September 1990 and September 2003, in Southern Maryland)

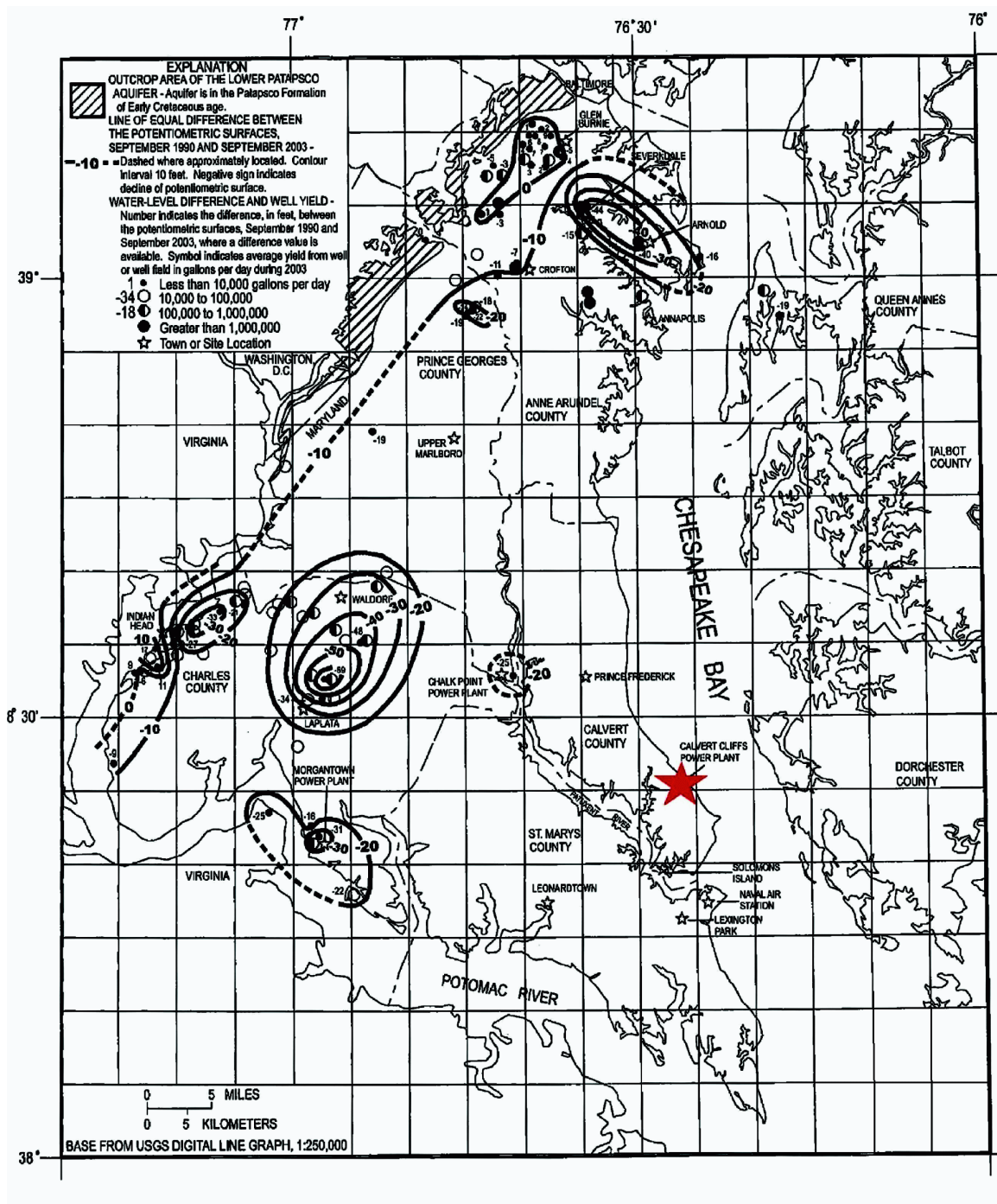


Figure 2.4-89— {Calvert County Ground-Water-Level Monitoring Network, Location of Selected Water Level Monitoring Wells}

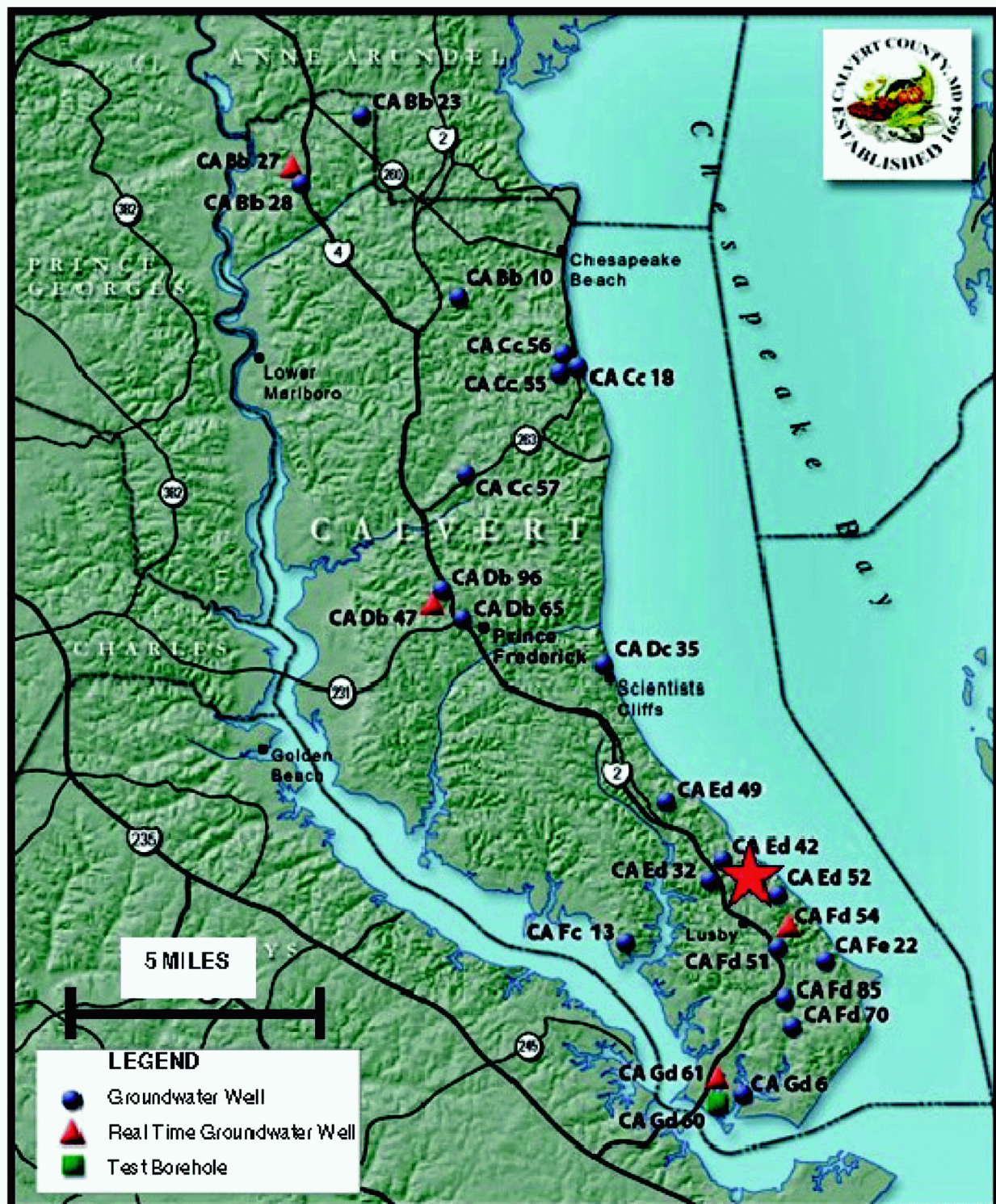


Figure 2.4-90—{Well Hydrograph for Monitoring Well CA Fd 51 Screened in the Piney Point - Nanjemoy Aquifer at Calvert Cliffs State Park}

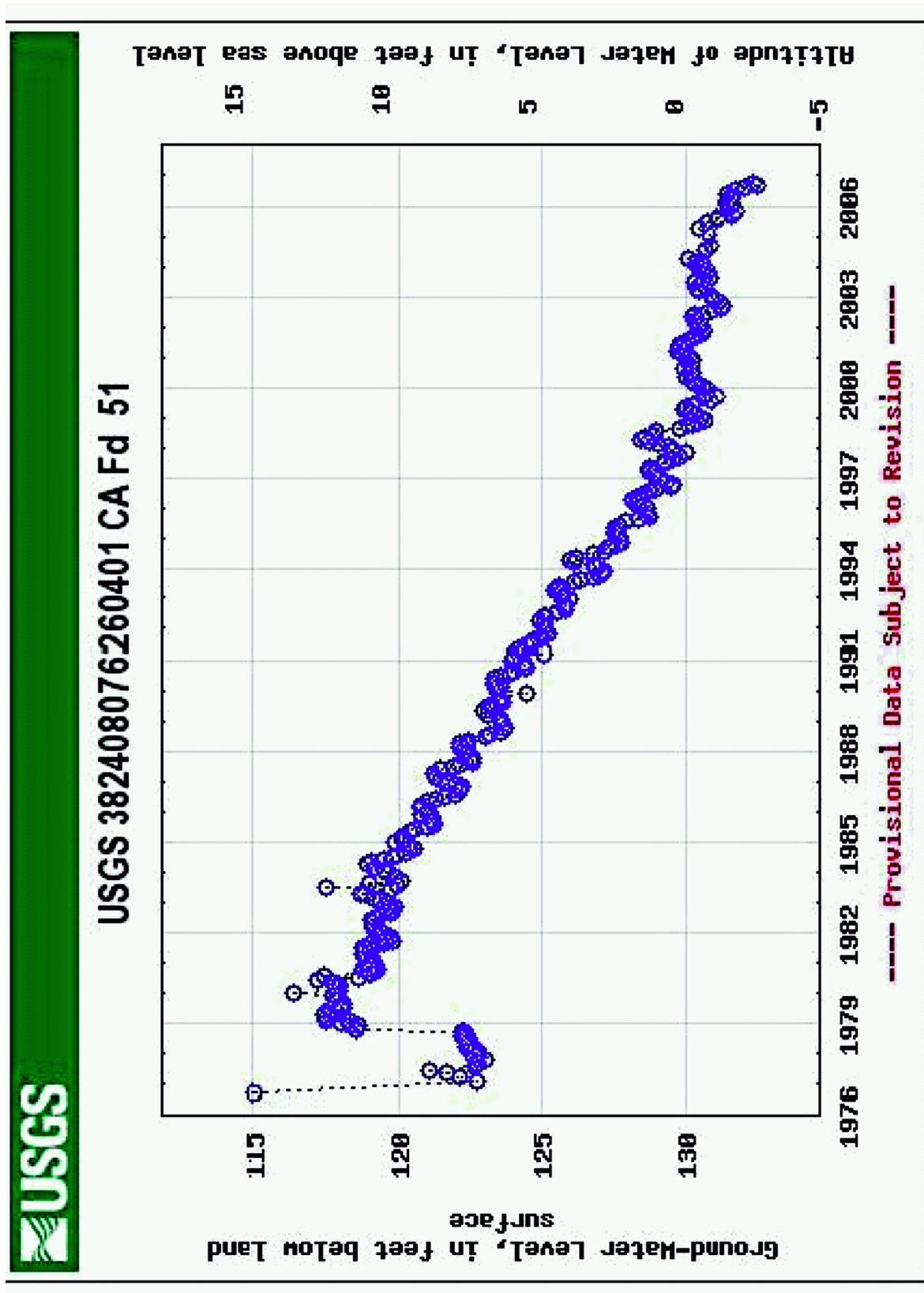


Figure 2.4-91 — {Well Hydrograph for Monitoring Well CA Ed 42 Screened in the Aquia Aquifer at CCNPP}

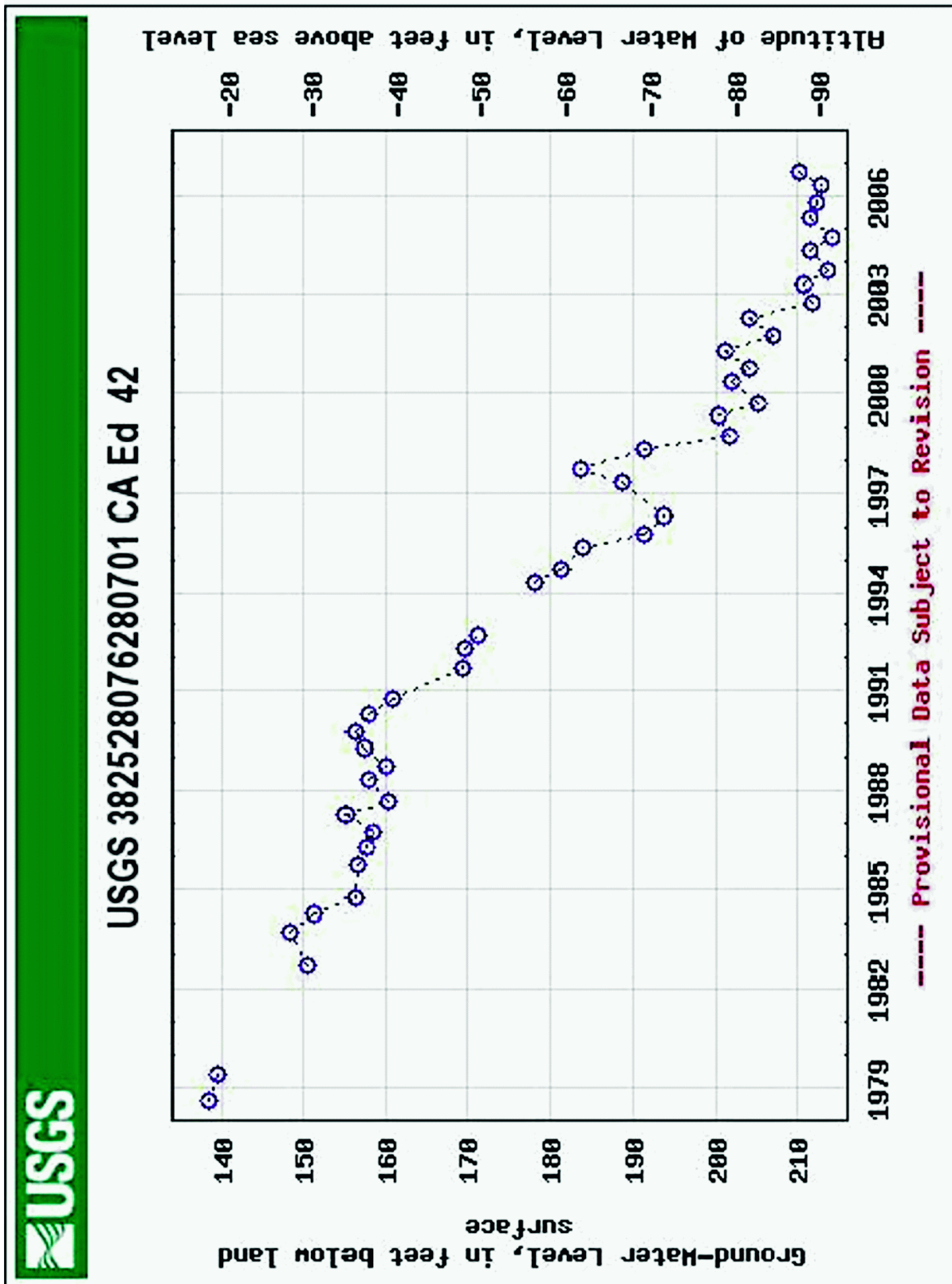


Figure 2.4-92—{Well Hydrograph for Monitoring Well CA Dc 35 Screened in the Magothy Aquifer at Scientists Cliffs}

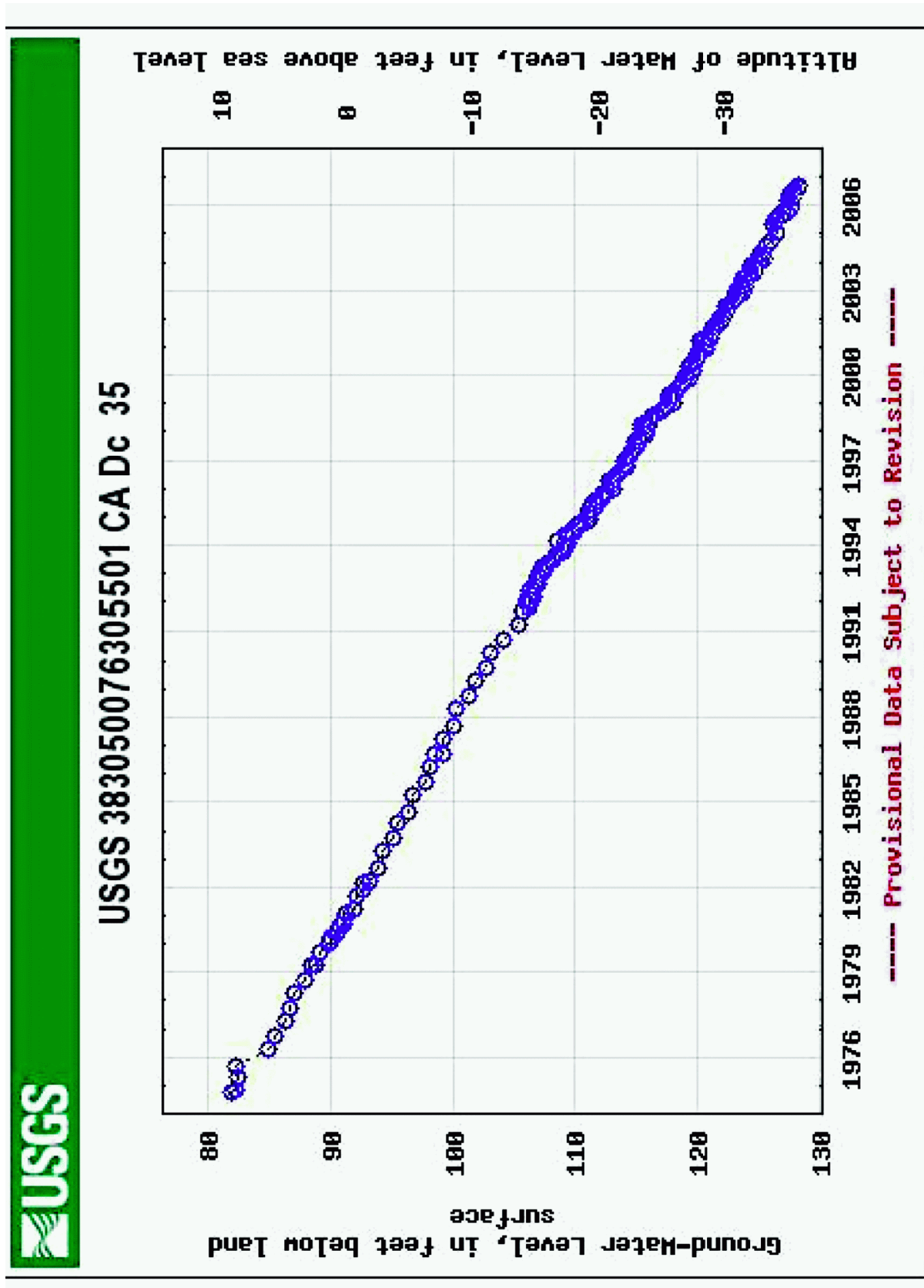


Figure 2.4-93— {Well Hydrograph for Monitoring Well CA Db 96 Screened in the Upper Patapsco Aquifer at Prince Frederick}

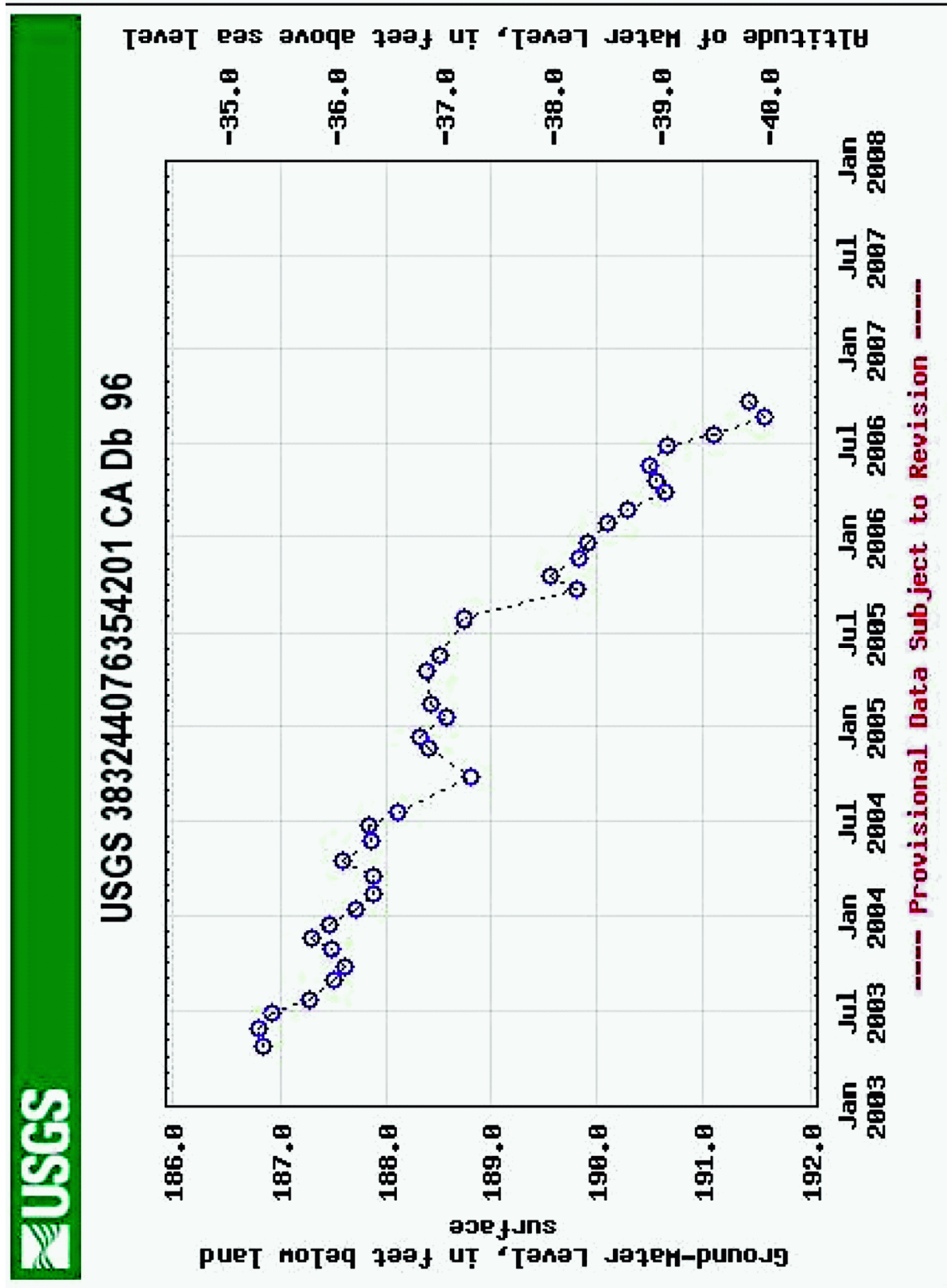


Figure 2.4-94— {Well Hydrograph for Monitoring Well CA Fd 85 Screened in the Lower Patapsco Aquifer at Chesapeake Ranch Estates}

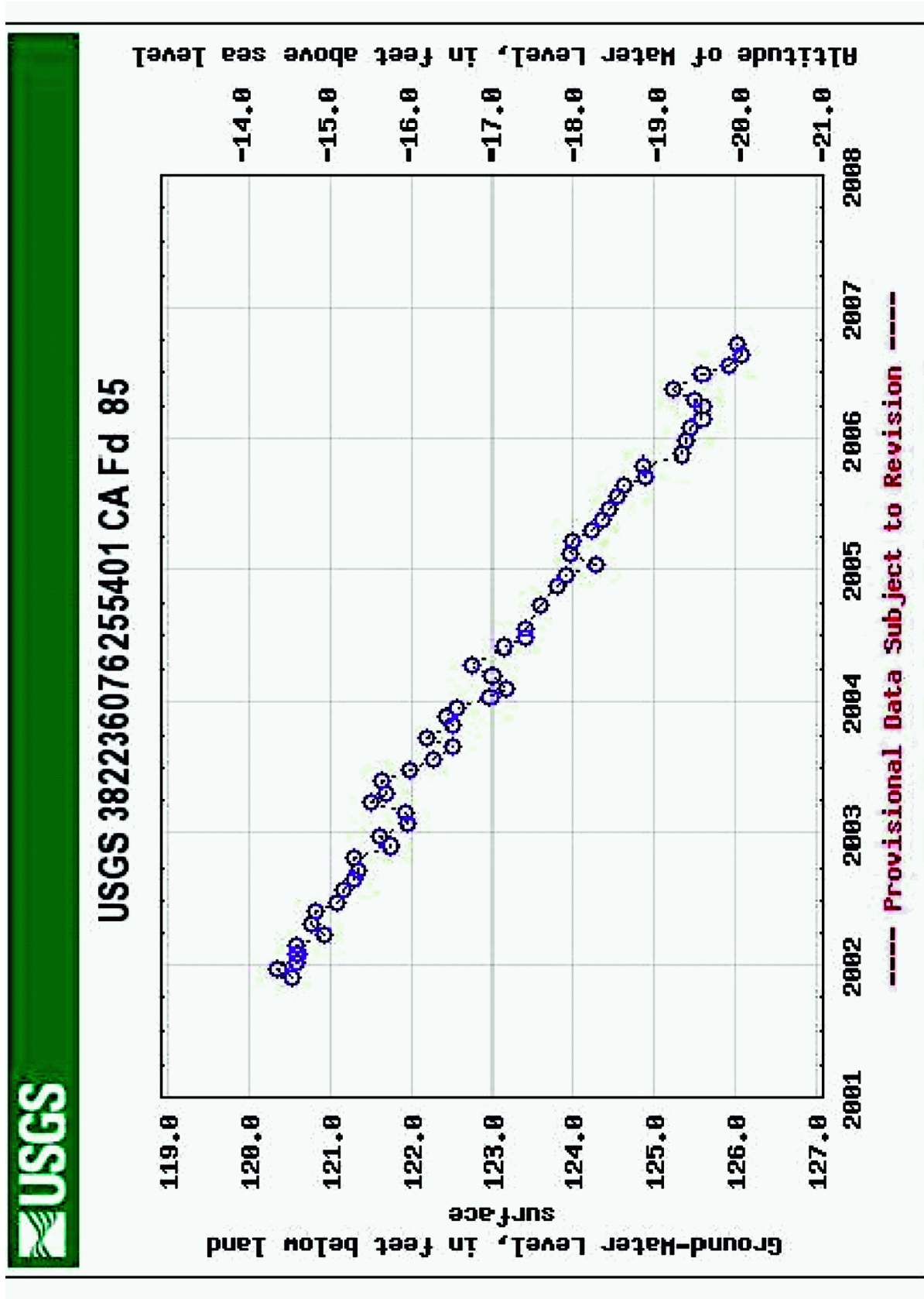
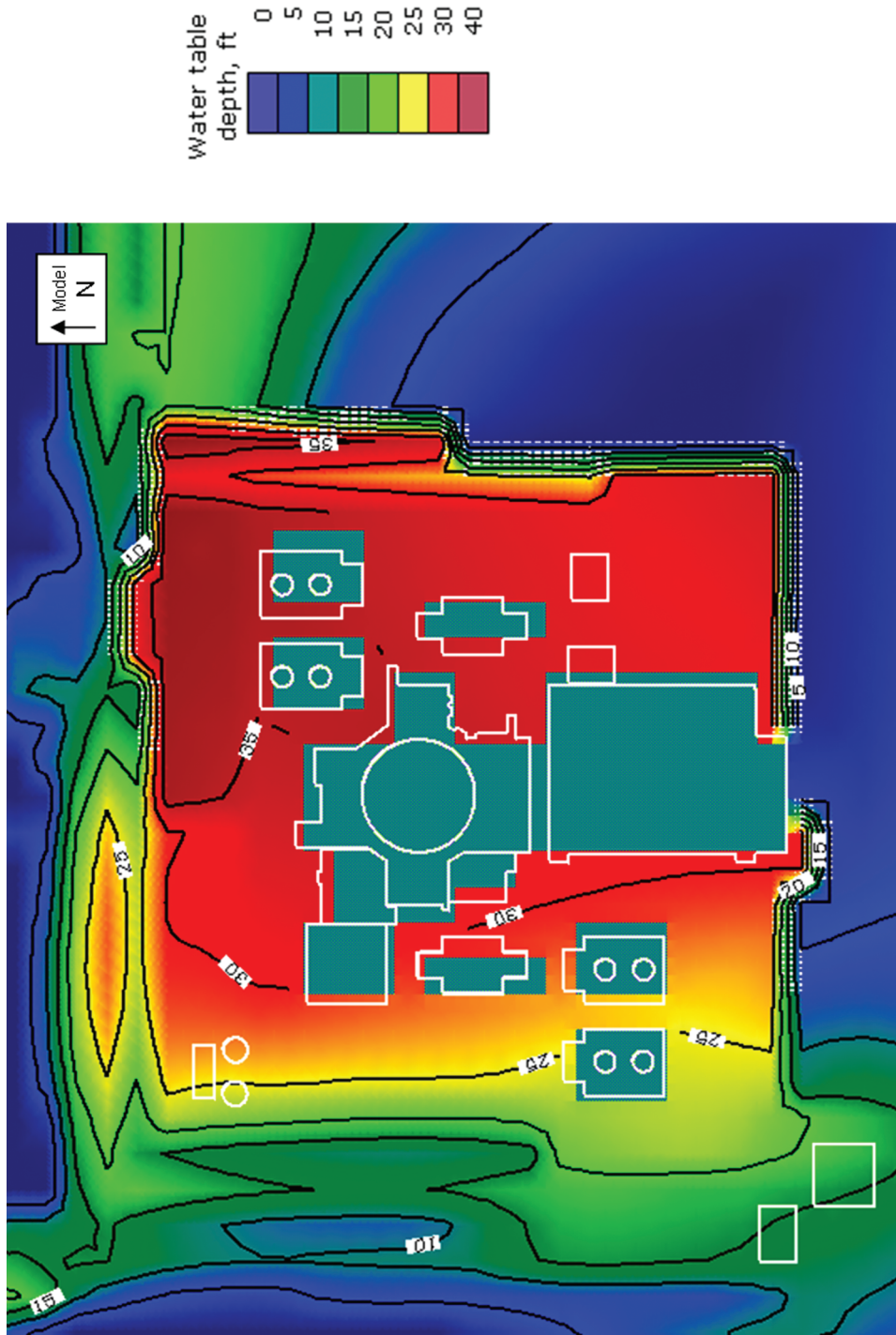
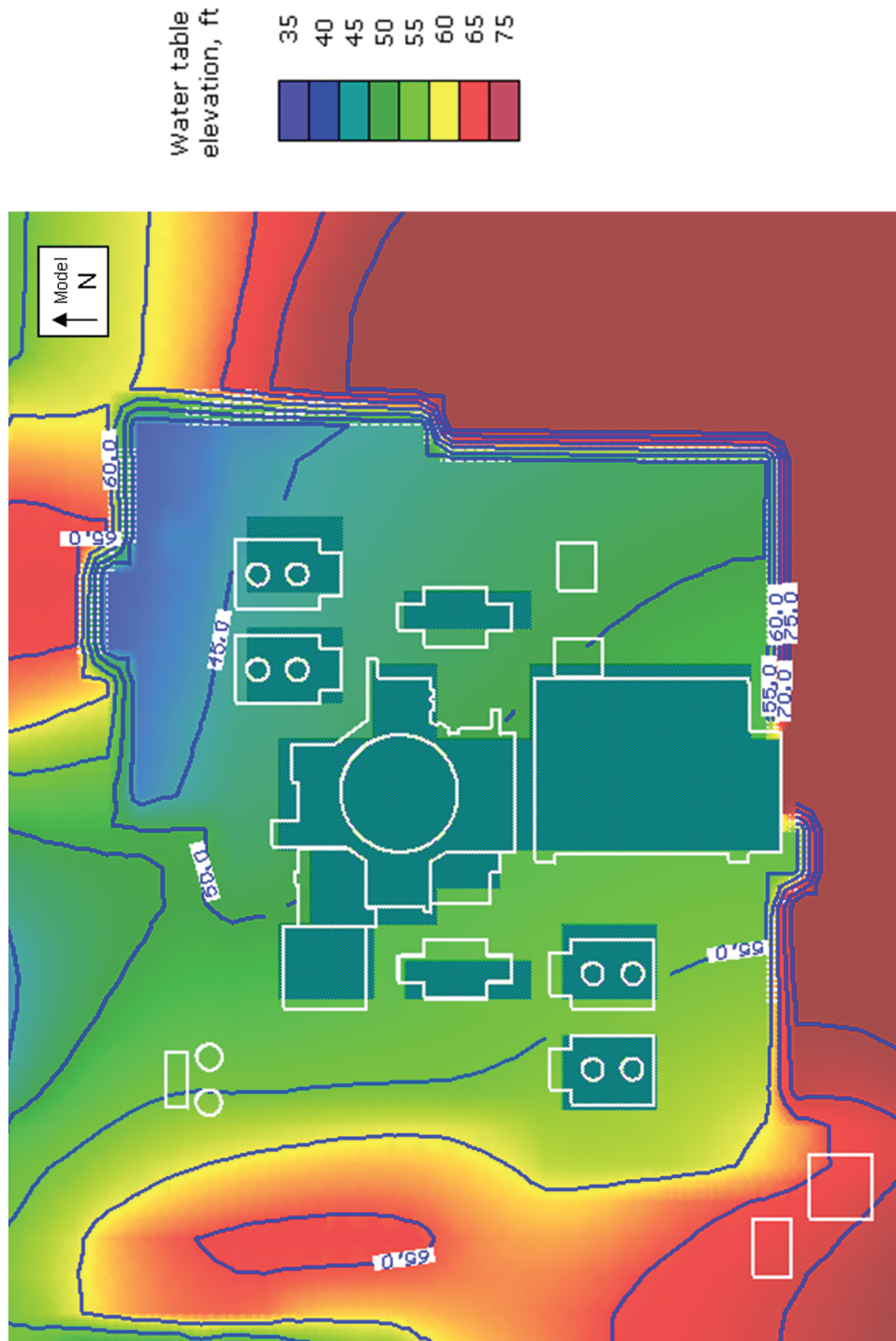


Figure 2.4-95— {Modeled Post-Construction Depth to the Water Table around the Unit 3 Power Block Area}



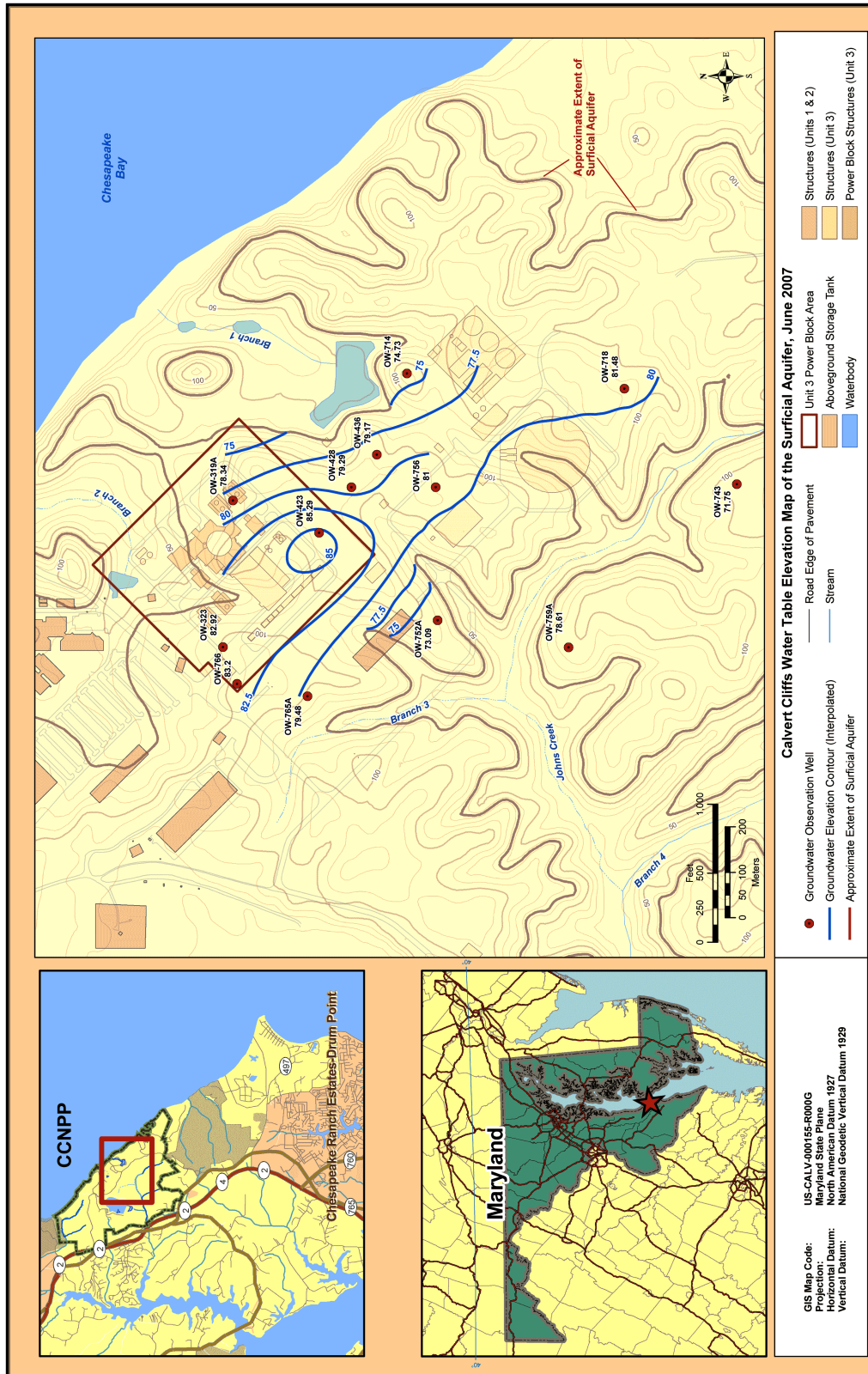
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-96— {Modeled Post-Construction Elevation of the Water Table around the Unit 3 Power Block Area}



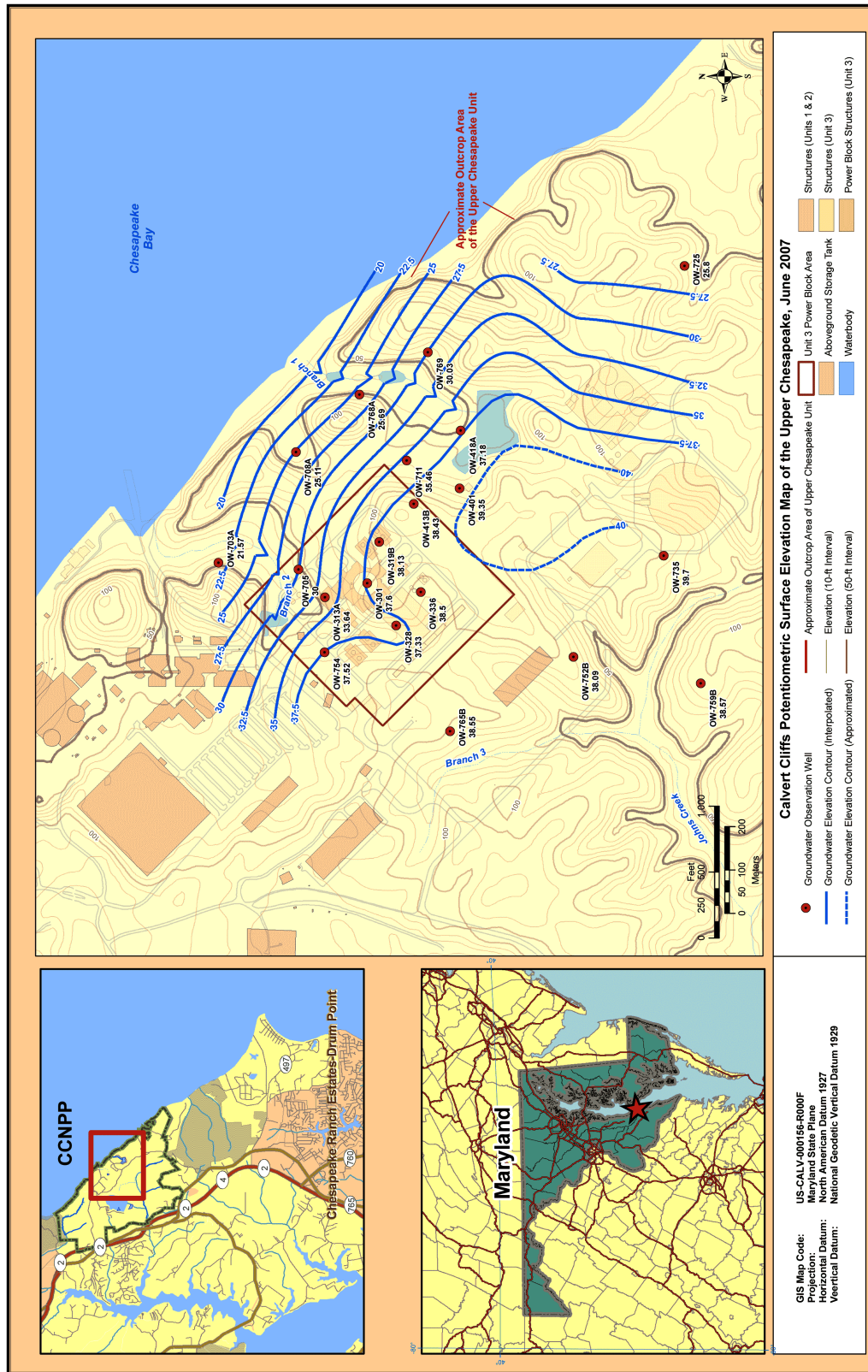
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-97—{Water Table Elevation Map and Groundwater Flow Direction for the Surficial Aquifer, June 2007}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-98— {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Upper Chesapeake Unit, June 2007}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-100— {Conceptual Model of Subsurface Pathways through the Upper Chesapeake Unit To Surface Streams}

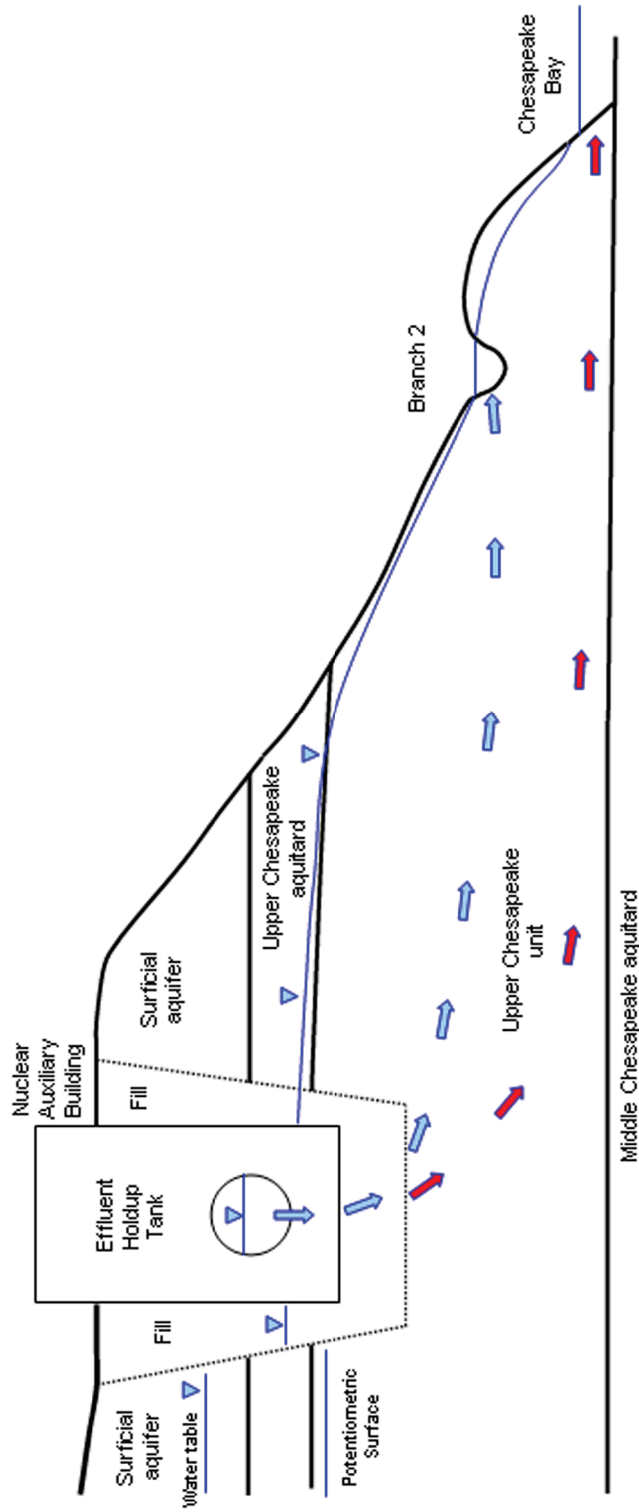
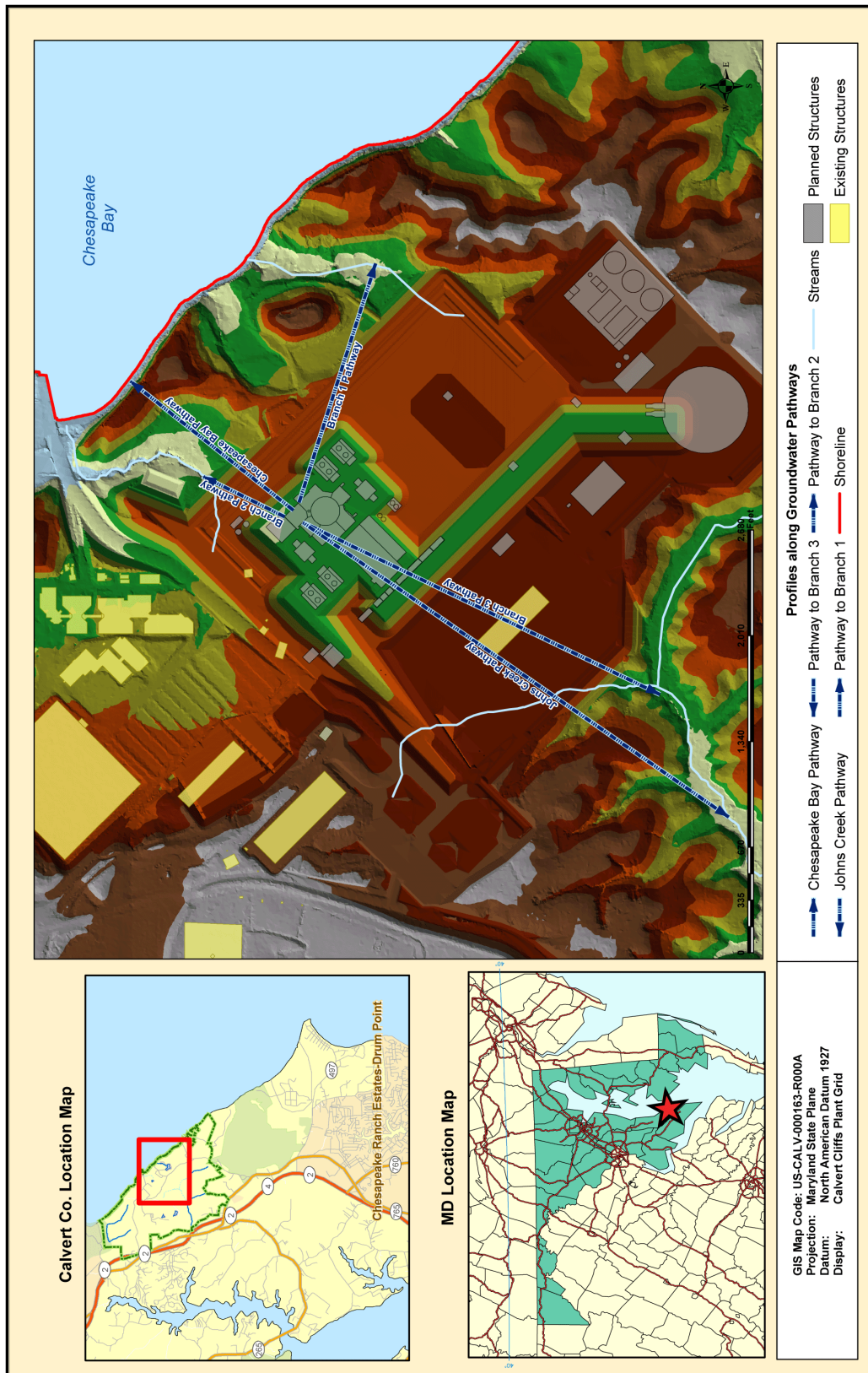
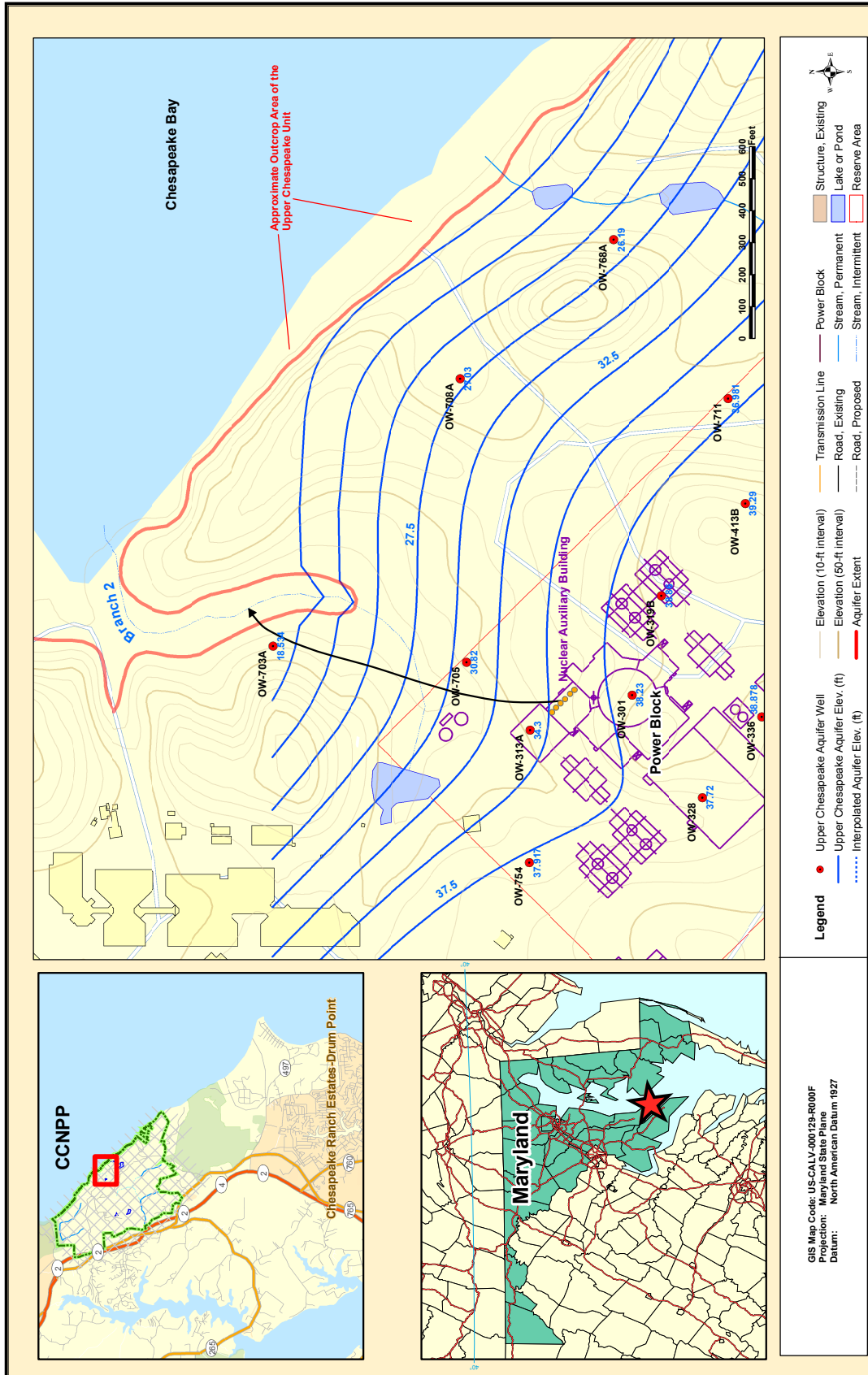


Figure 2.4-101 — {Plan View of Subsurface Contaminant Pathways}



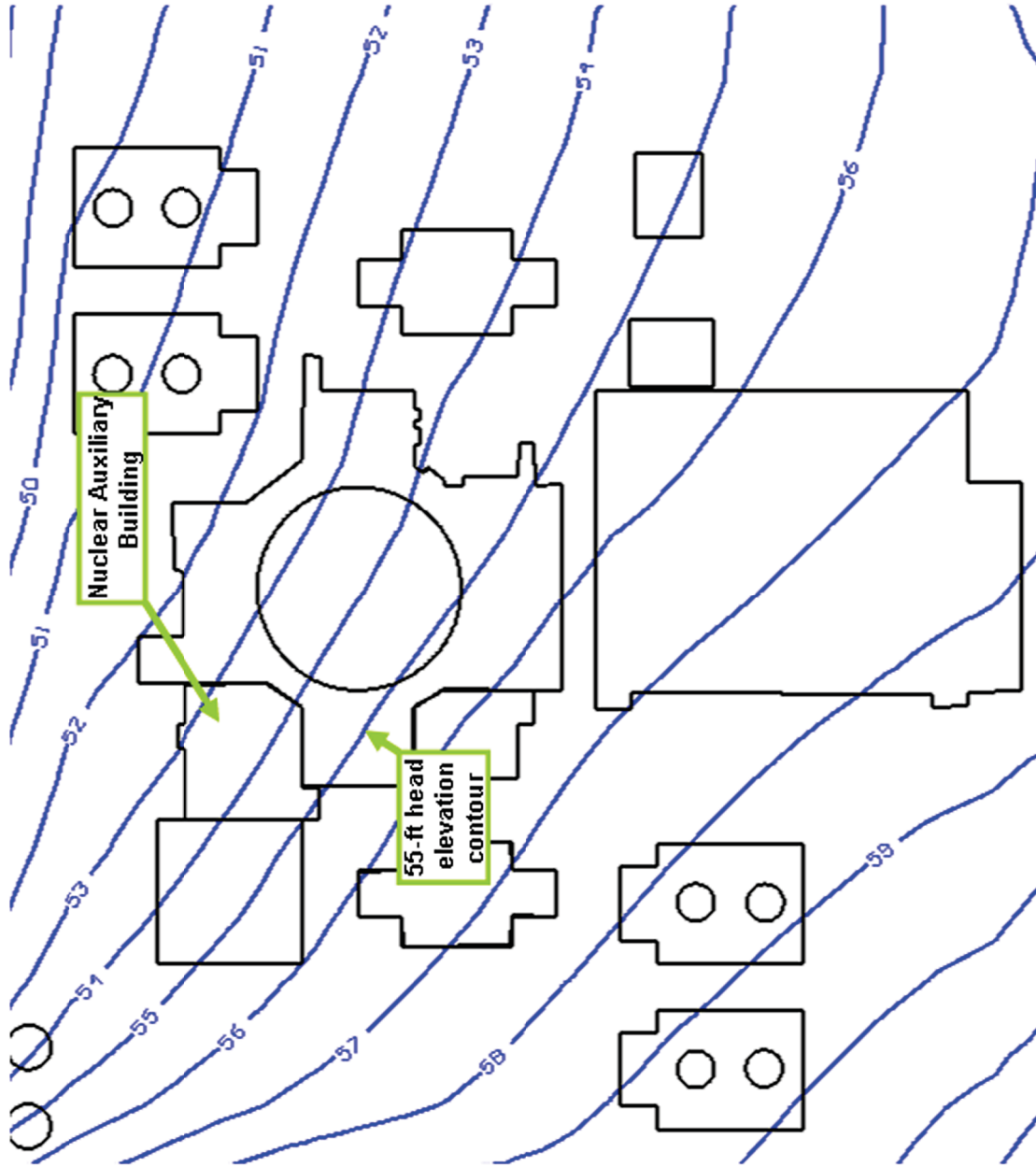
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-102— {Upper Chesapeake Unit Flow Direction from the Nuclear Auxiliary Building to Branch 2, December 2006}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-103 — {Potentiometric Surface Countours from Groundwater Model of Post-Construction Conditions}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-104— {Cross Section Showing Pathlines through the Upper Chesapeake Unit in the Post-Construction Groundwater Model}

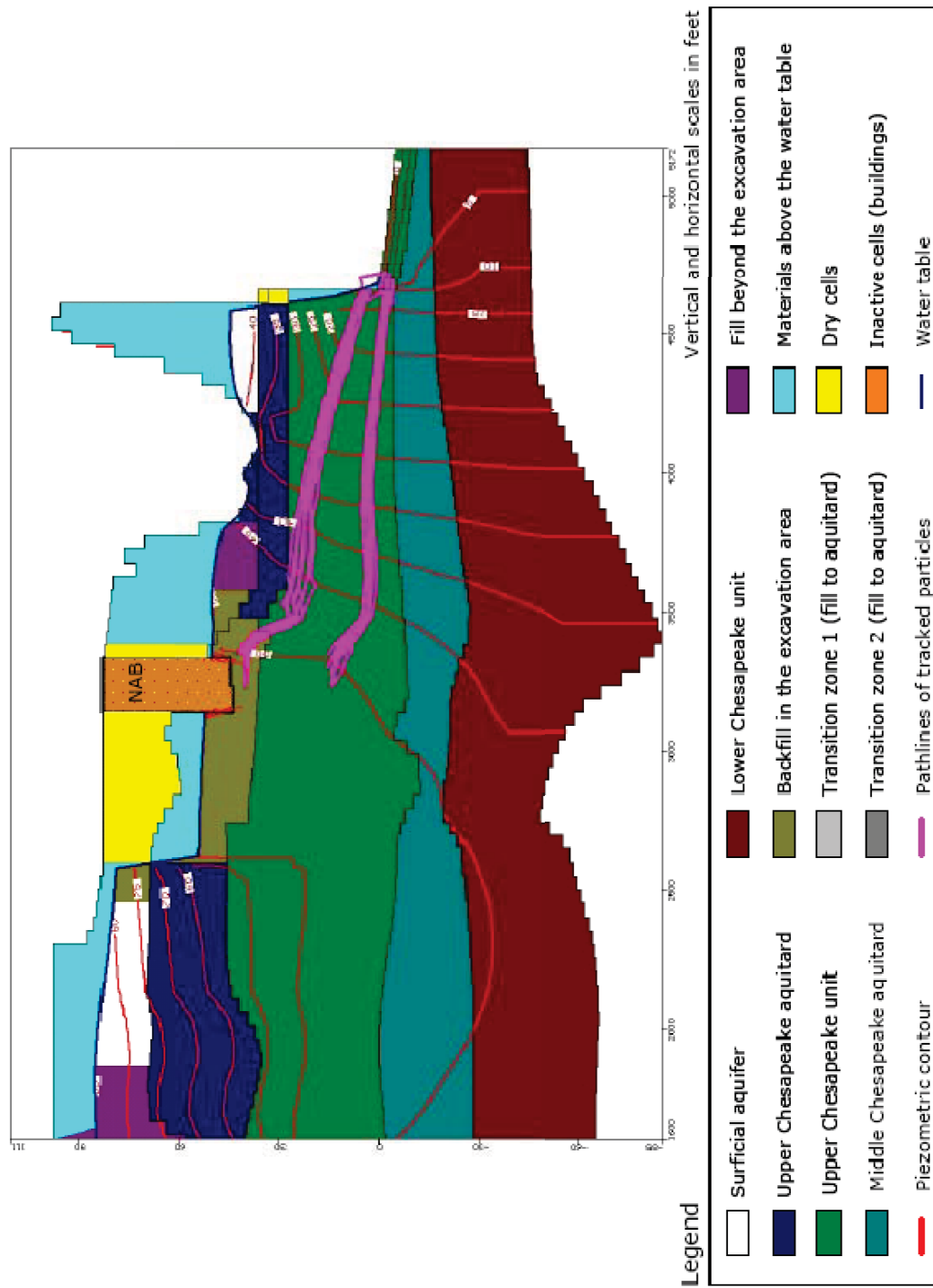
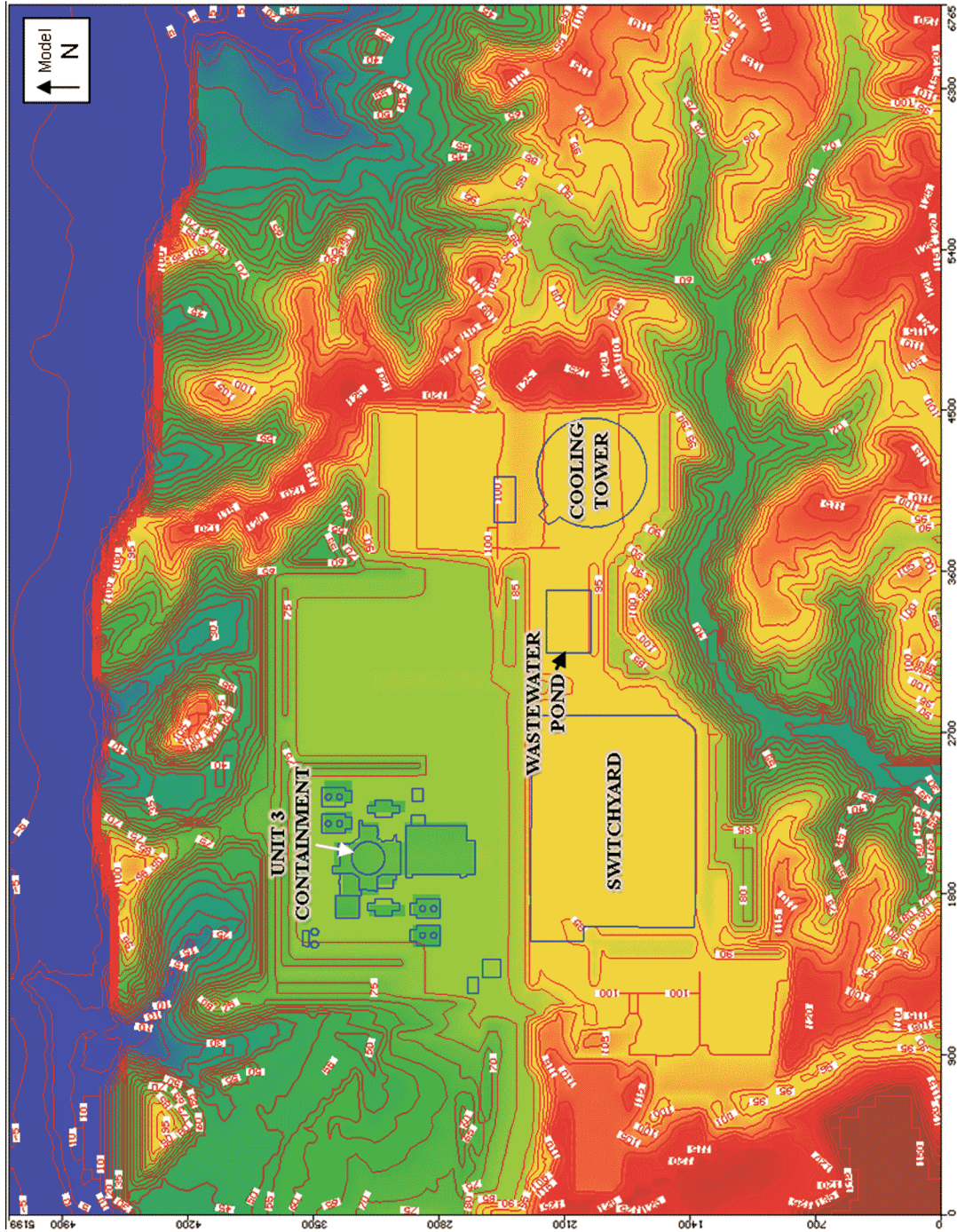
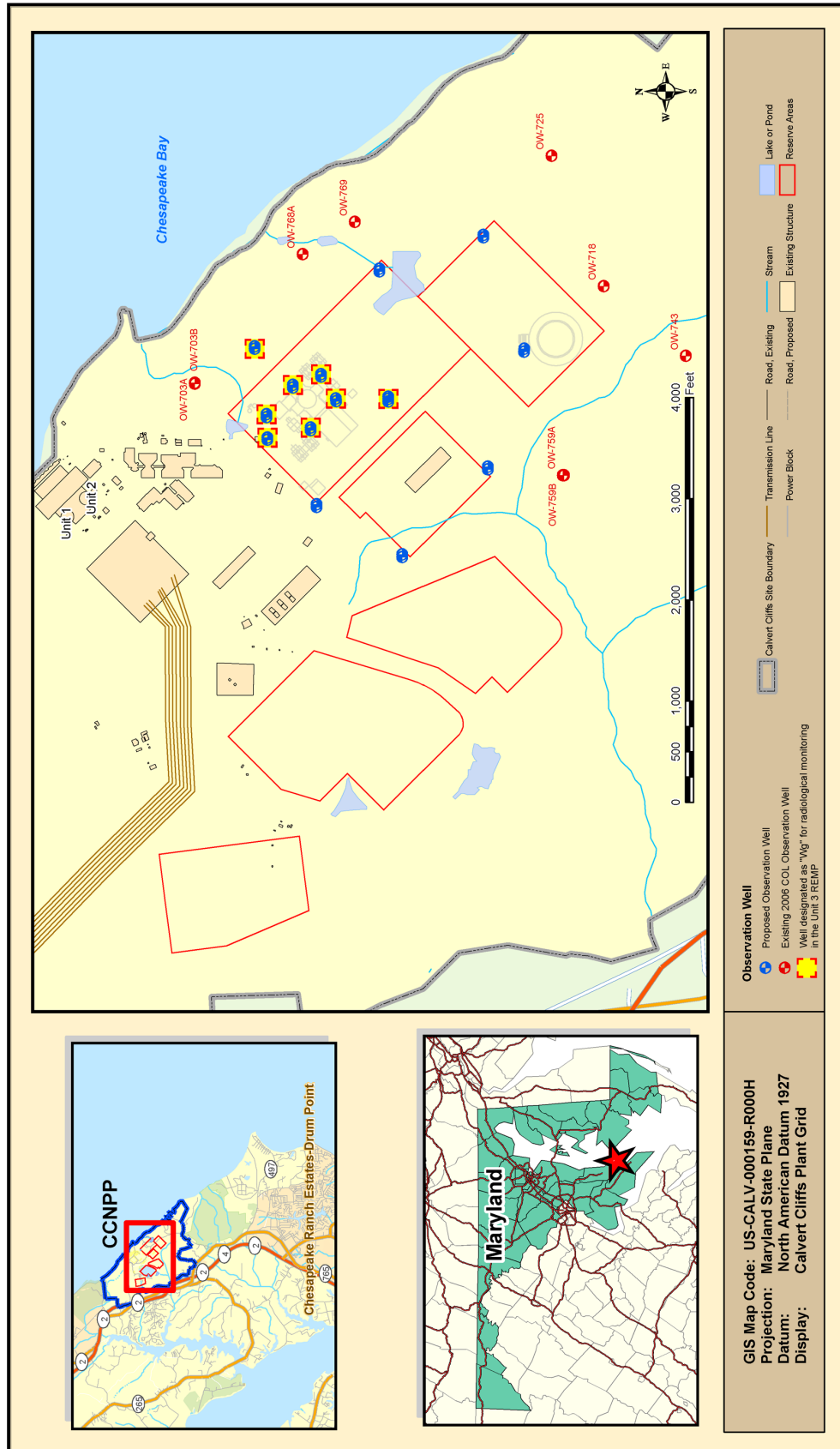


Figure 2.4-105— {Topography of the Post-Construction Groundwater Flow Model Domain}



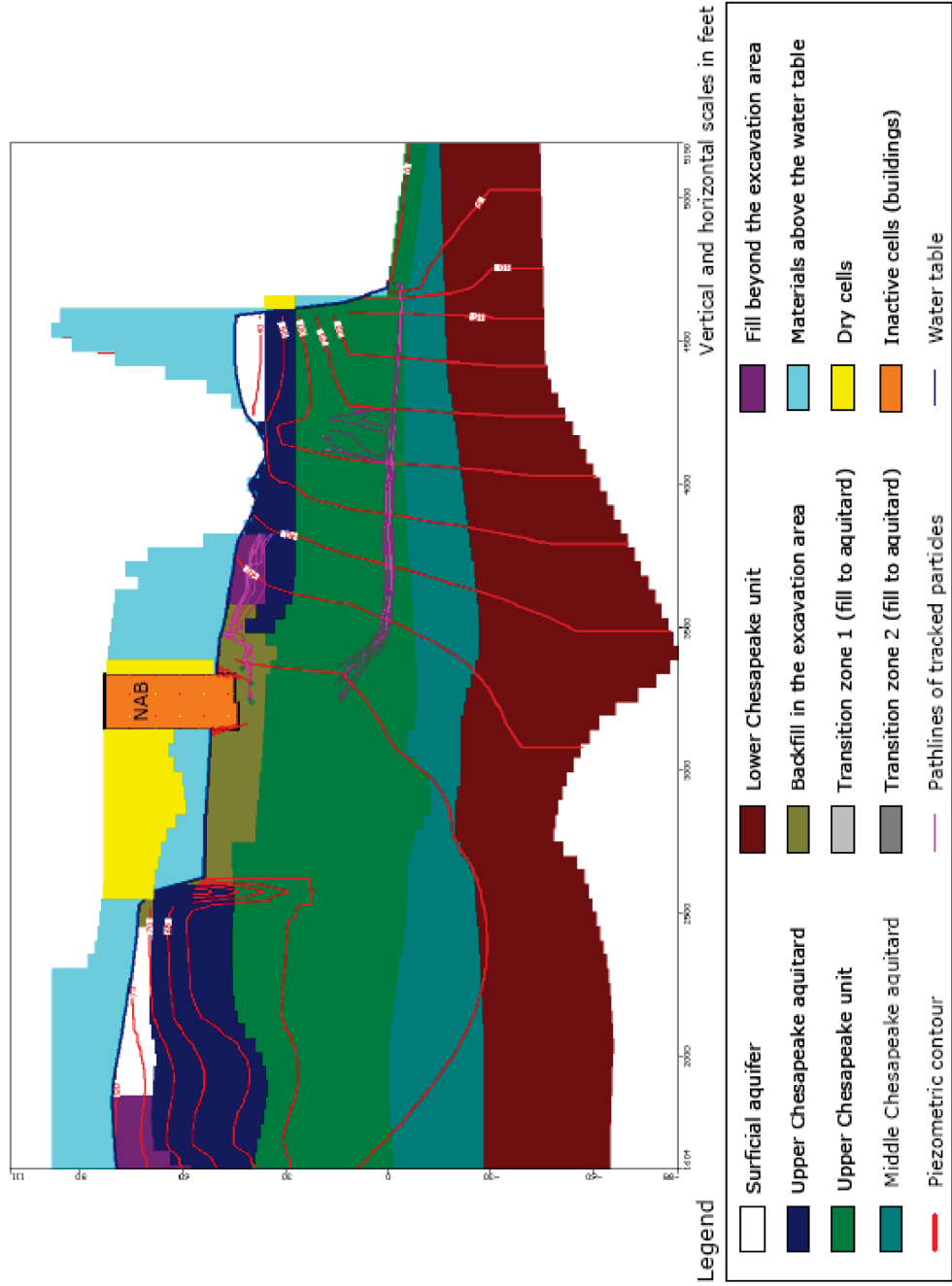
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-106— {Proposed Post Construction Observation Well Locations}



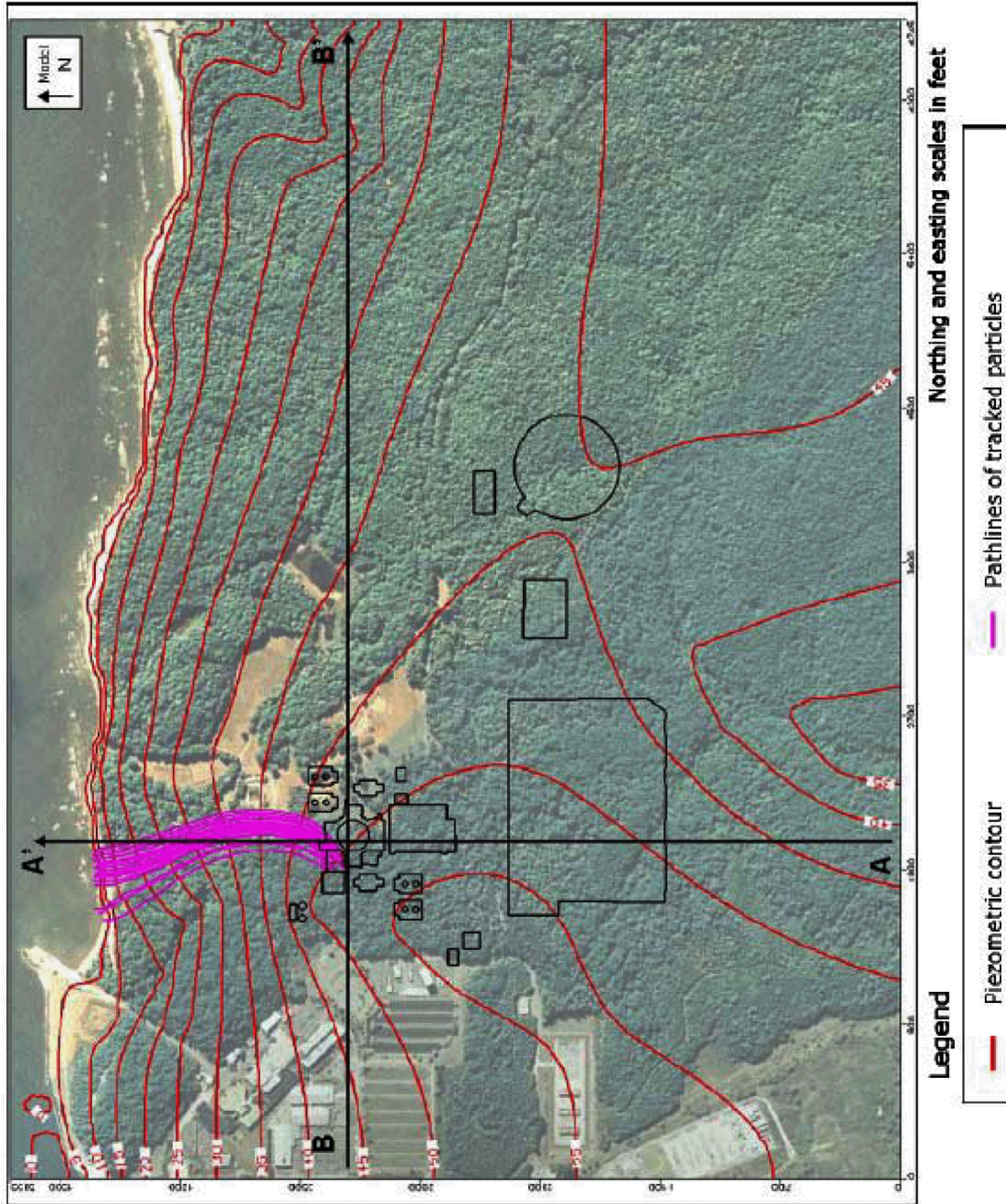
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-107 — {Cross-Section Showing Pathlines through Engineered Fill in Post-Construction Groundwater Model, for the Simulation Using the Maximum Hydraulic Conductivity of the Fill Material}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-108— {Pathlines from Nuclear Auxiliary Building Obtained from Groundwater Model of Post-Construction Conditions}



See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout