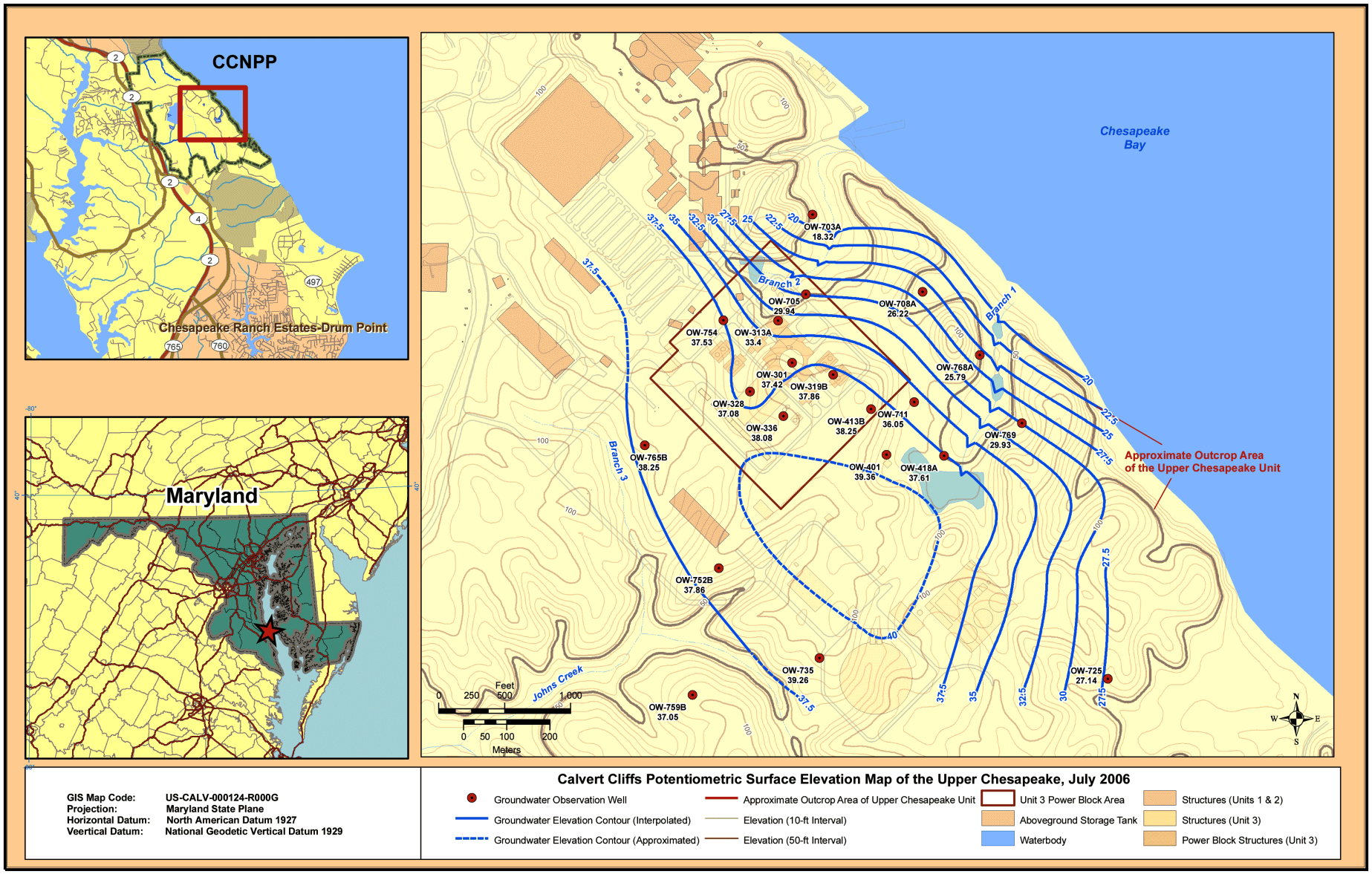
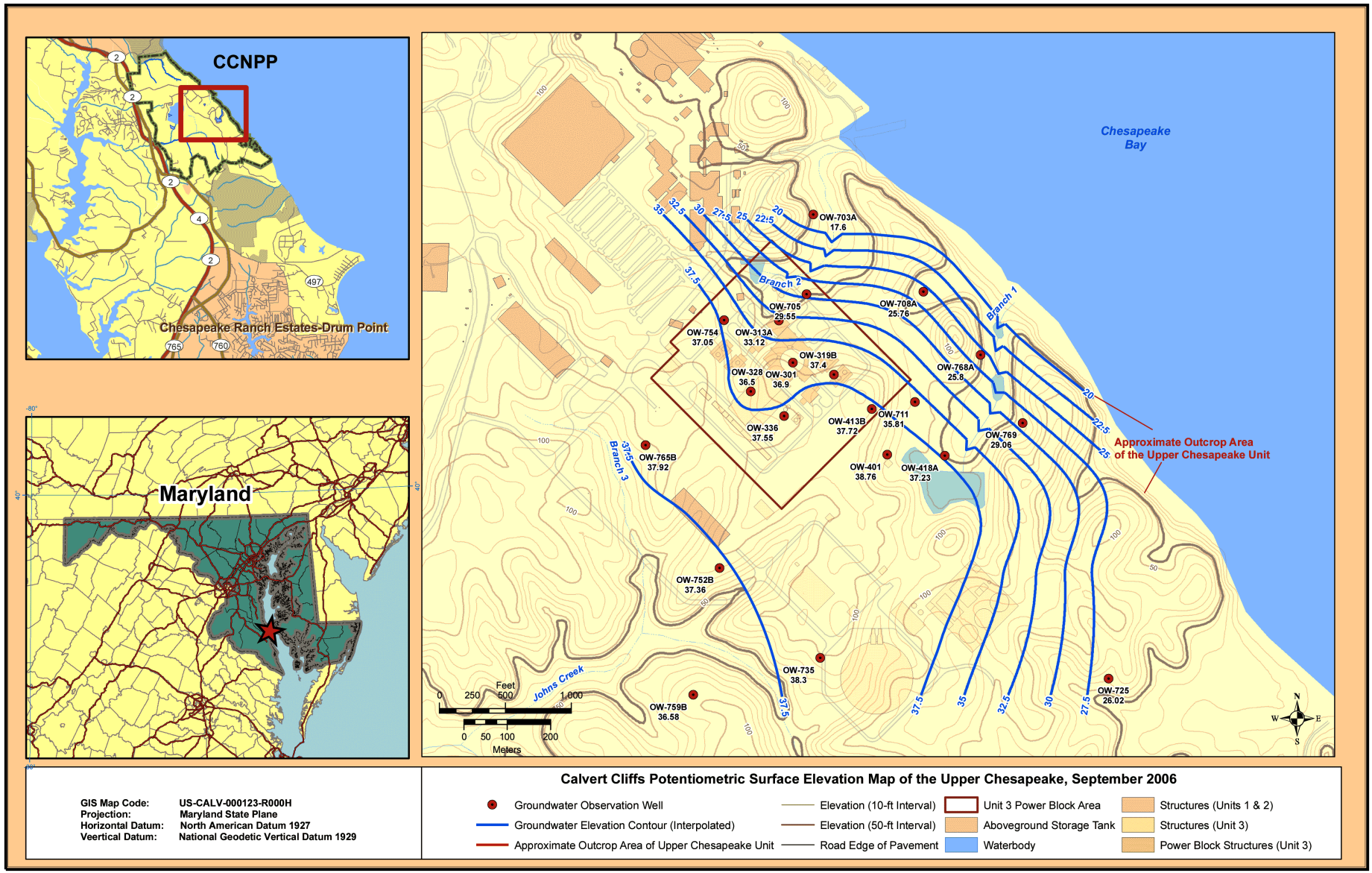
Figure 2.4-83 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Upper Chesapeake Unit, July 2006}



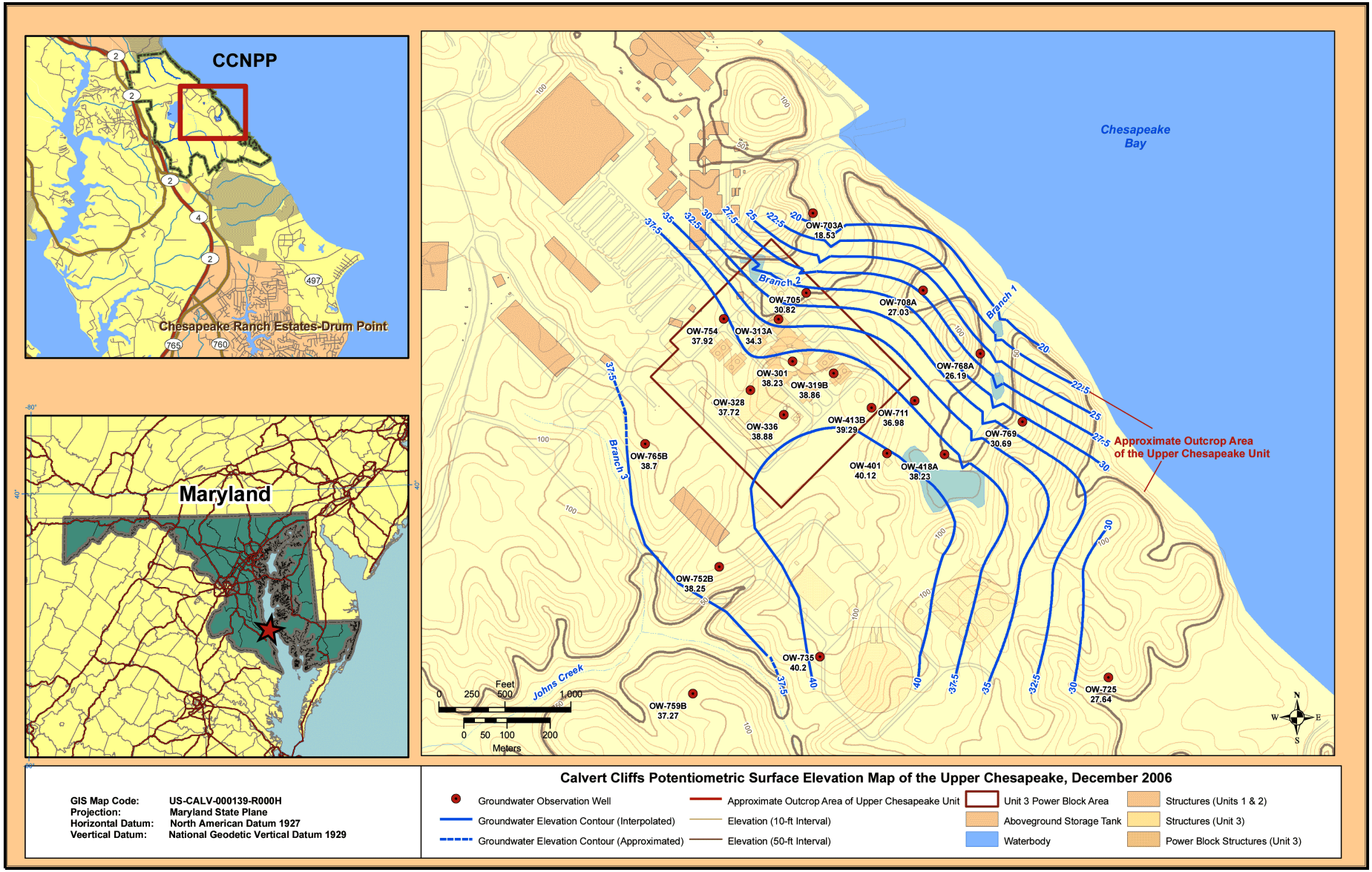
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-84 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Upper Chesapeake Unit, Sept 2006}



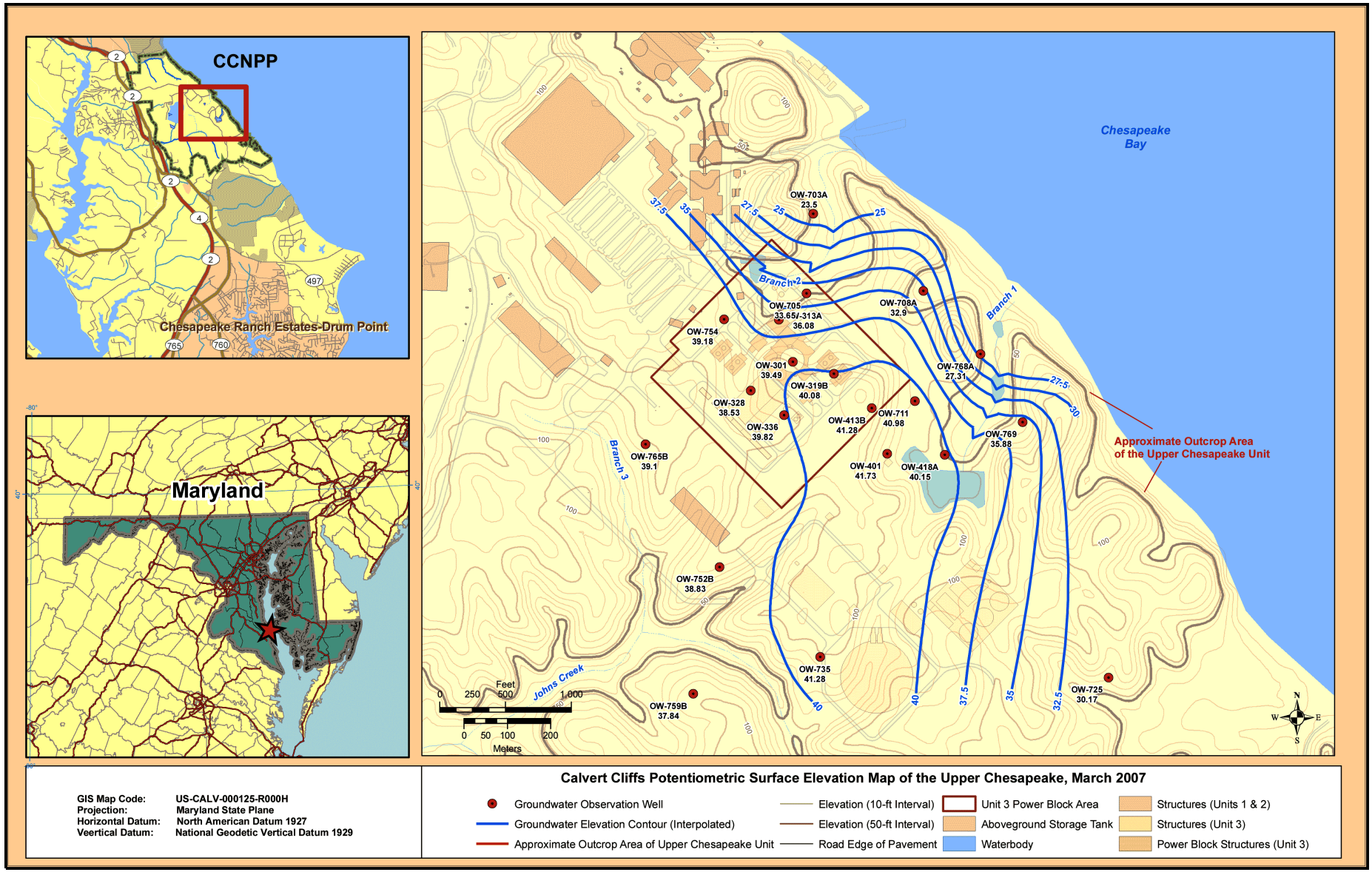
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-85 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Upper Chesapeake Unit, Dec 2006}



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

Figure 2.4-86 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Upper Chesapeake Unit, March 2007}



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

Figure 2.4-87 — {Groundwater Elevations for the Lower Chesapeake Unit, July 2006 Through October 2009}

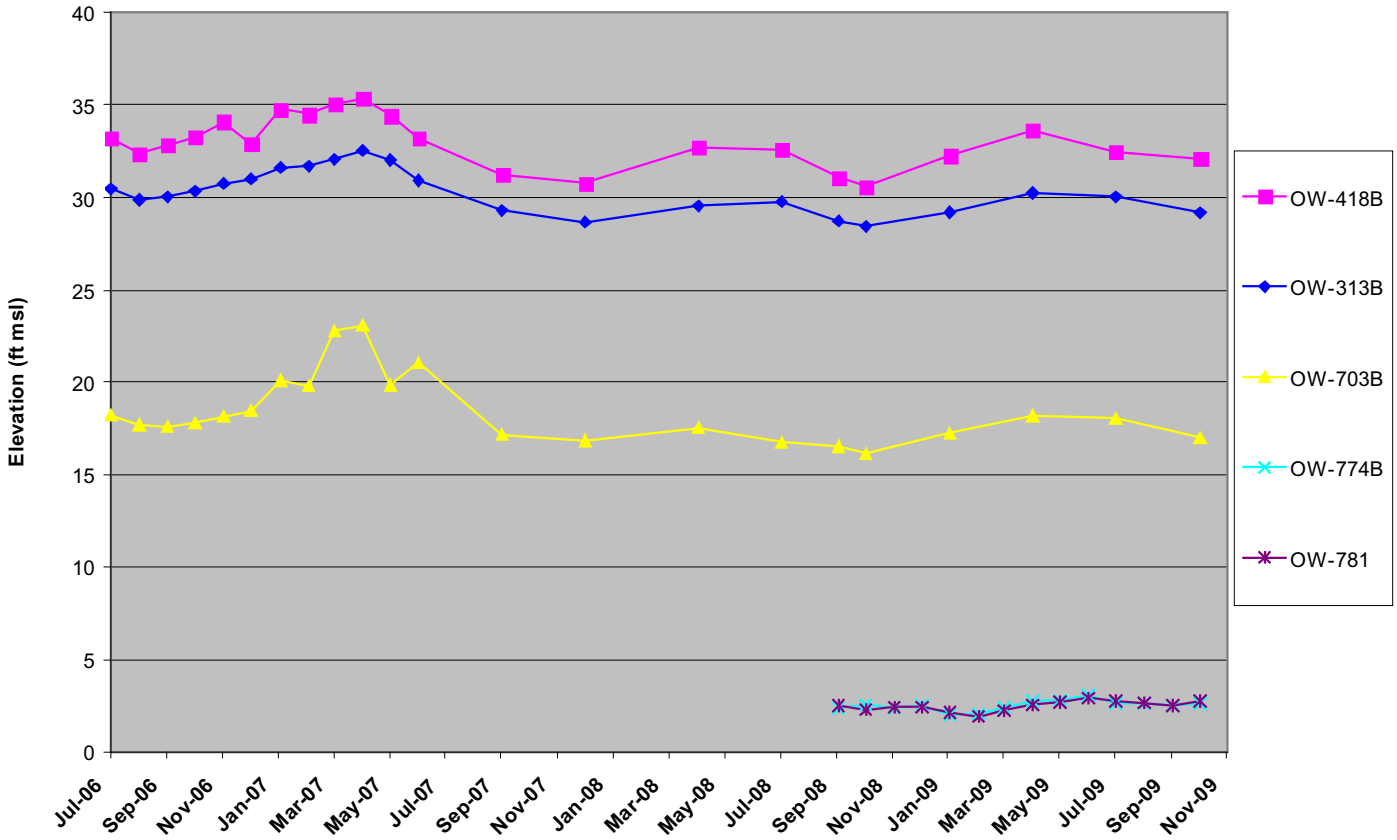
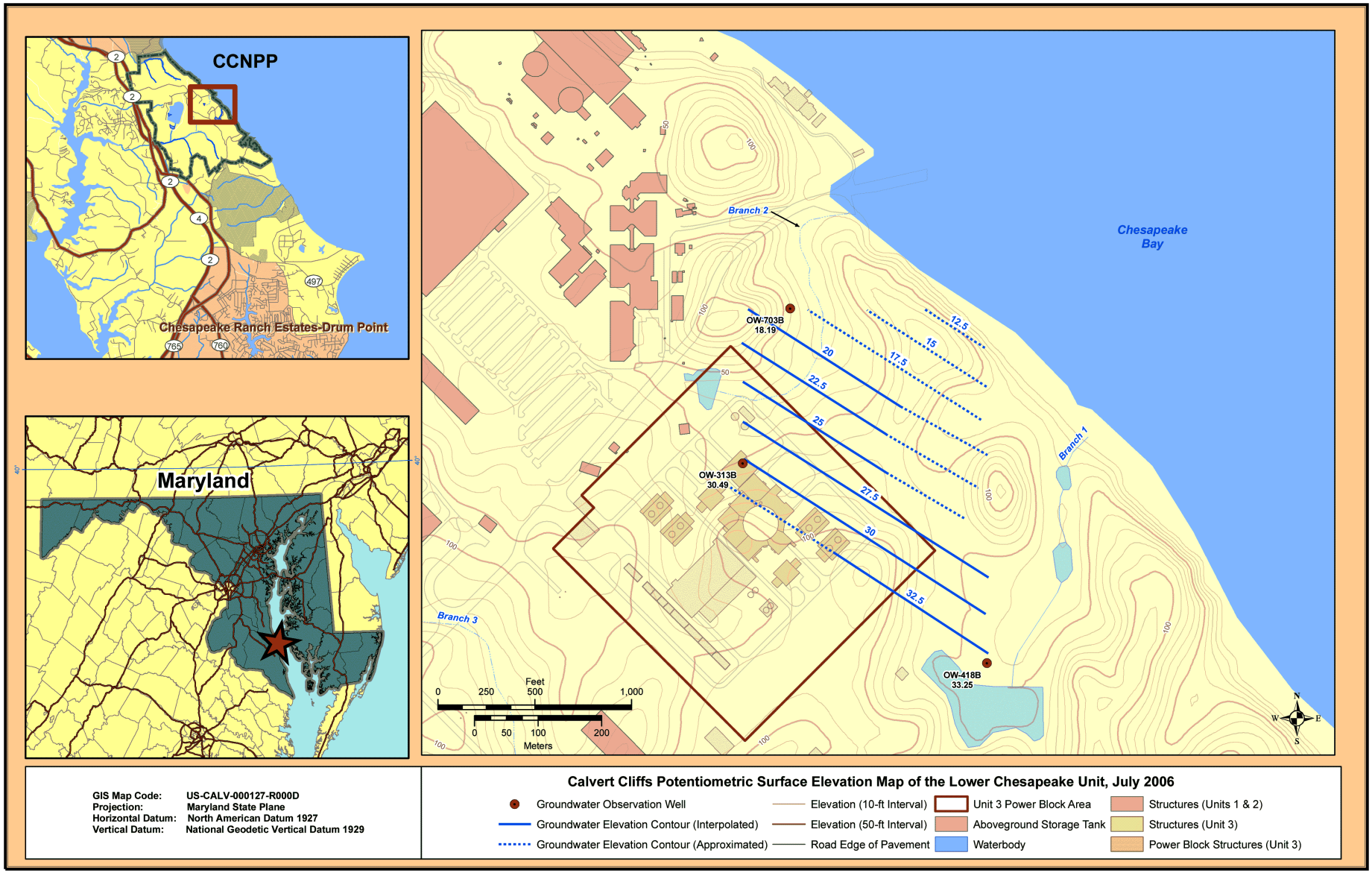
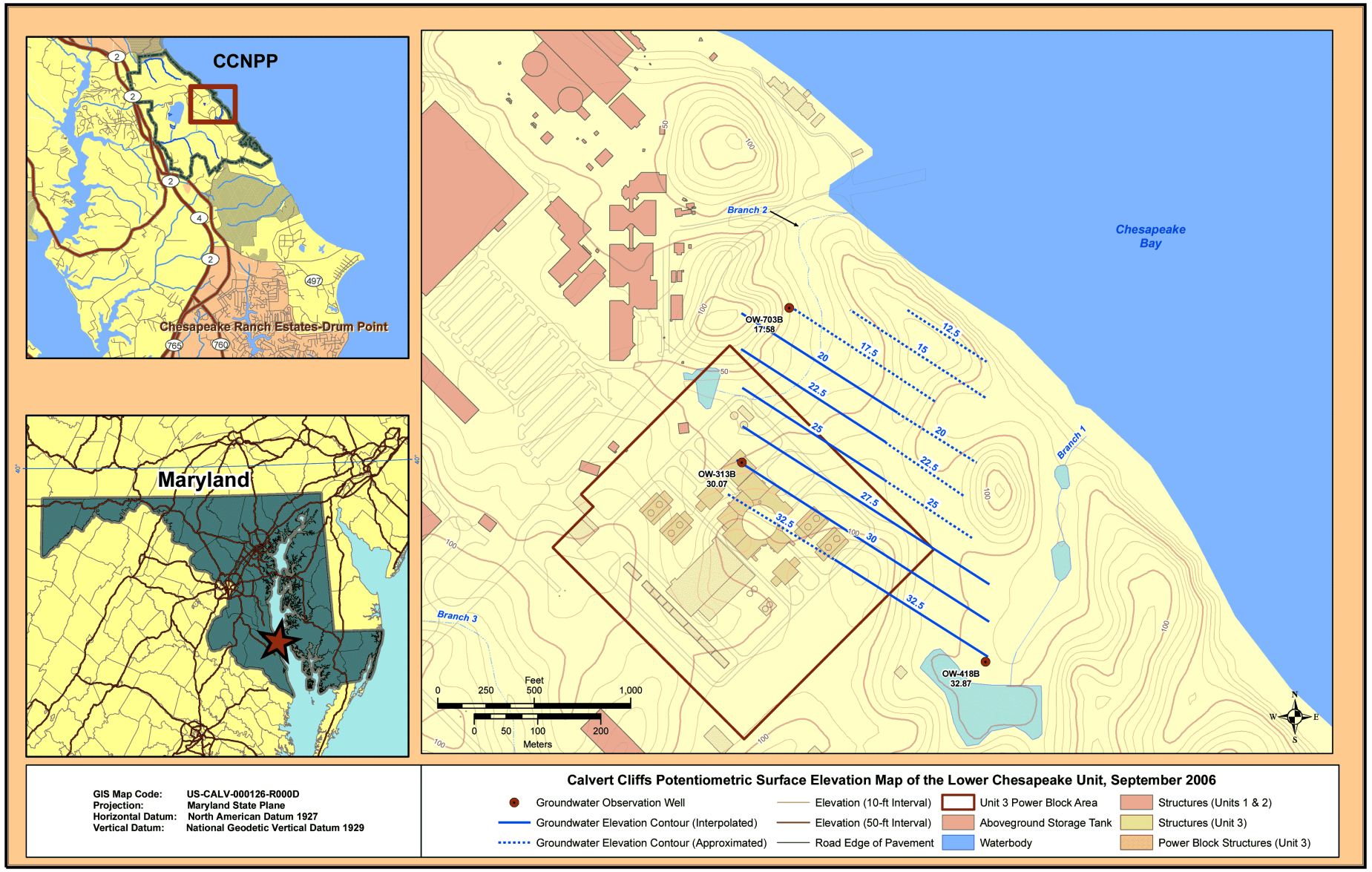


Figure 2.4-88 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Lower Chesapeake Unit, July 2006}



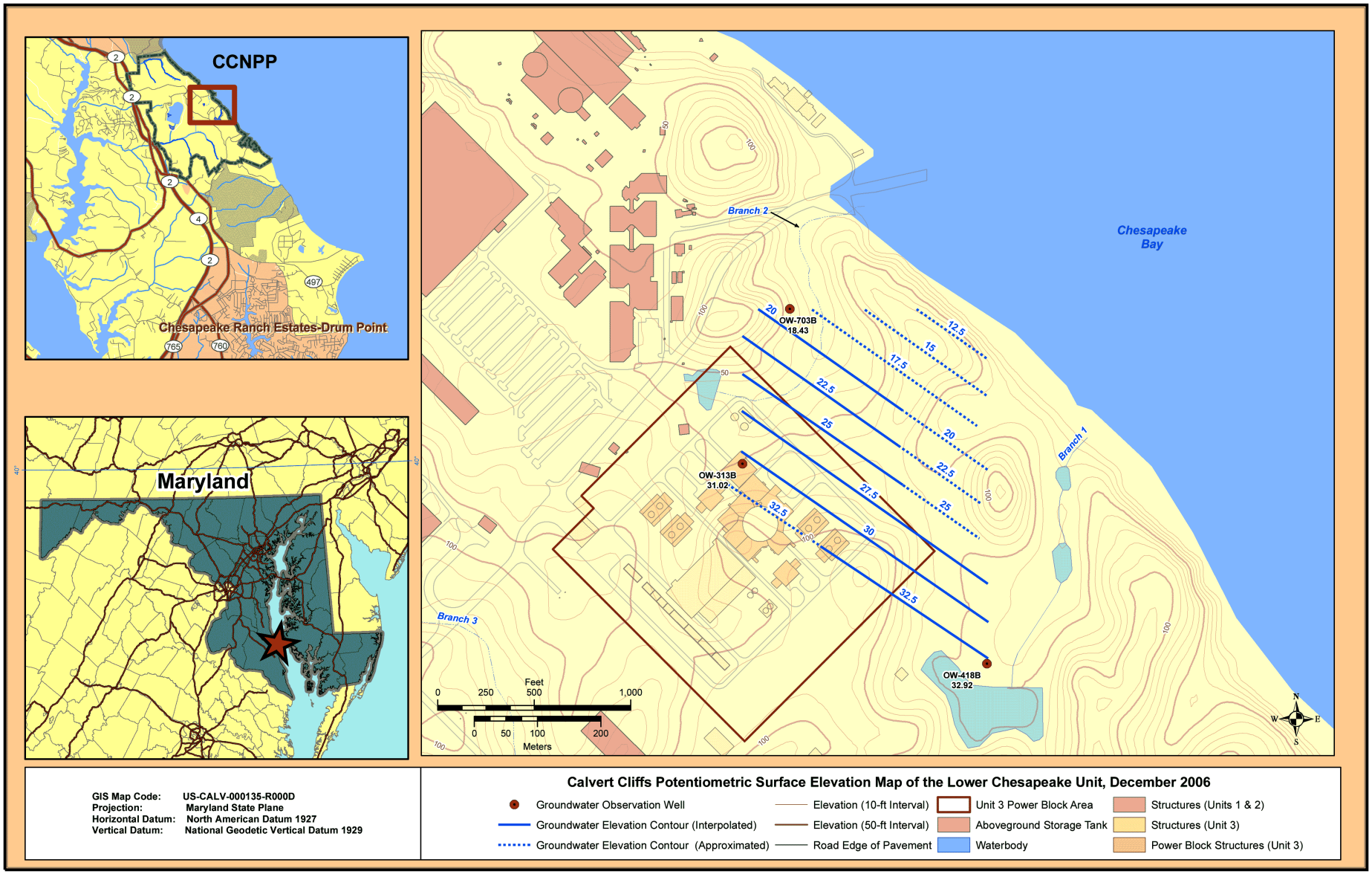
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-89 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Lower Chesapeake Unit, Sept 2006}



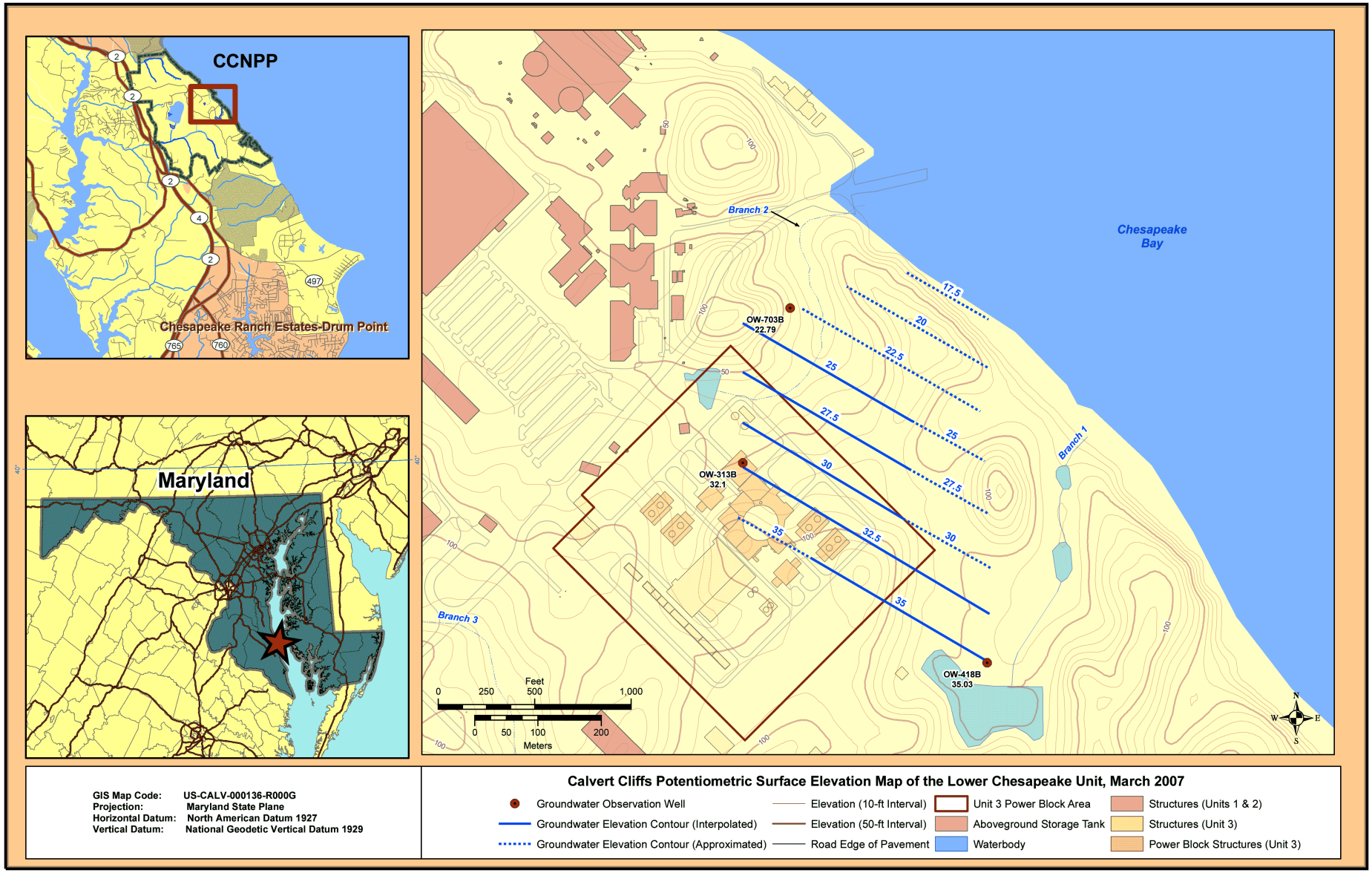
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-90 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Lower Chesapeake Unit, Dec 2006}



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

Figure 2.4-91 — {Potentiometric Surface Elevation Map and Groundwater Flow Directions for the Lower Chesapeake Unit, March 2007}



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

Figure 2.4-92 — {US EPA Region 3 Sole Source Aquifers}

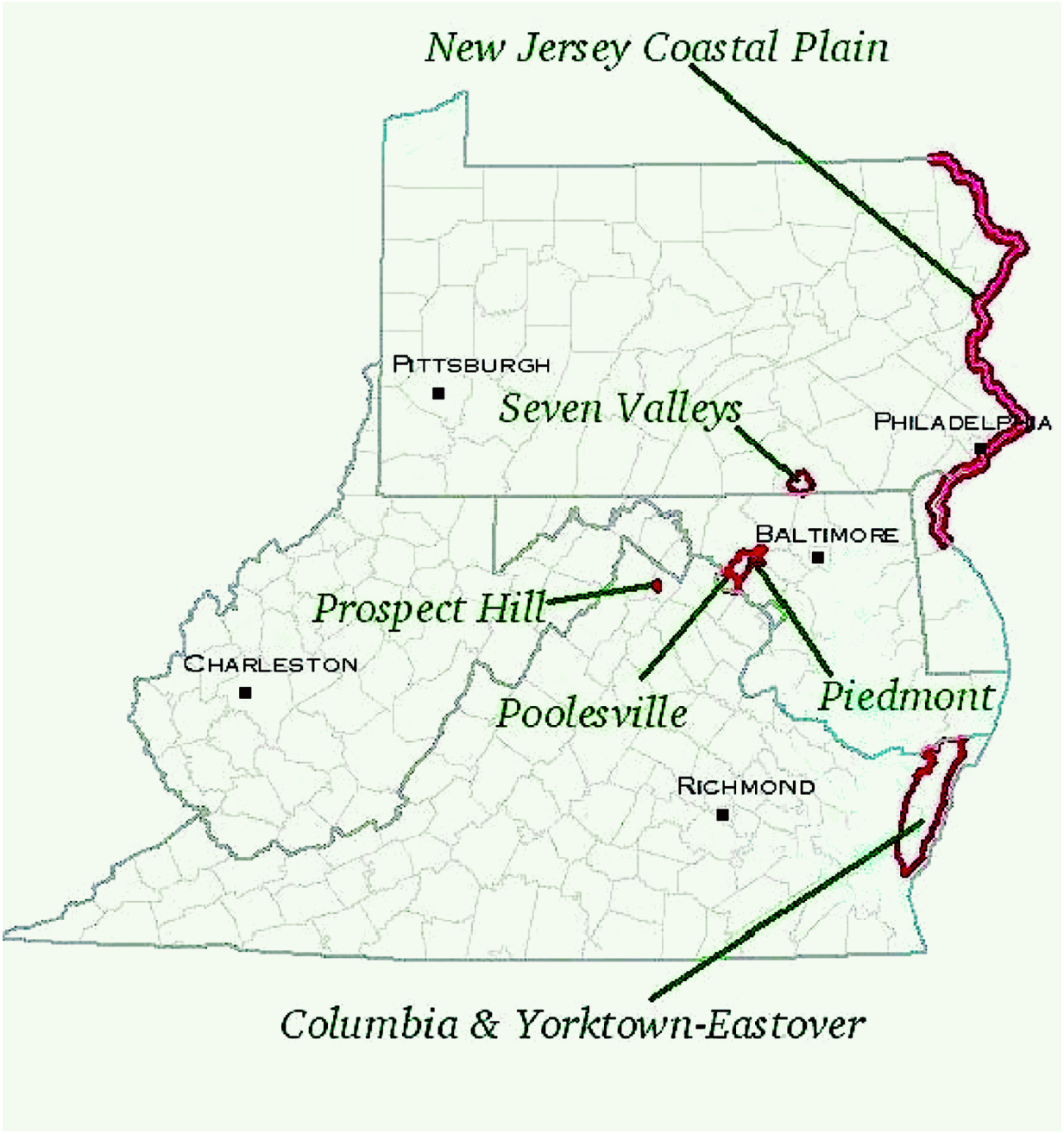
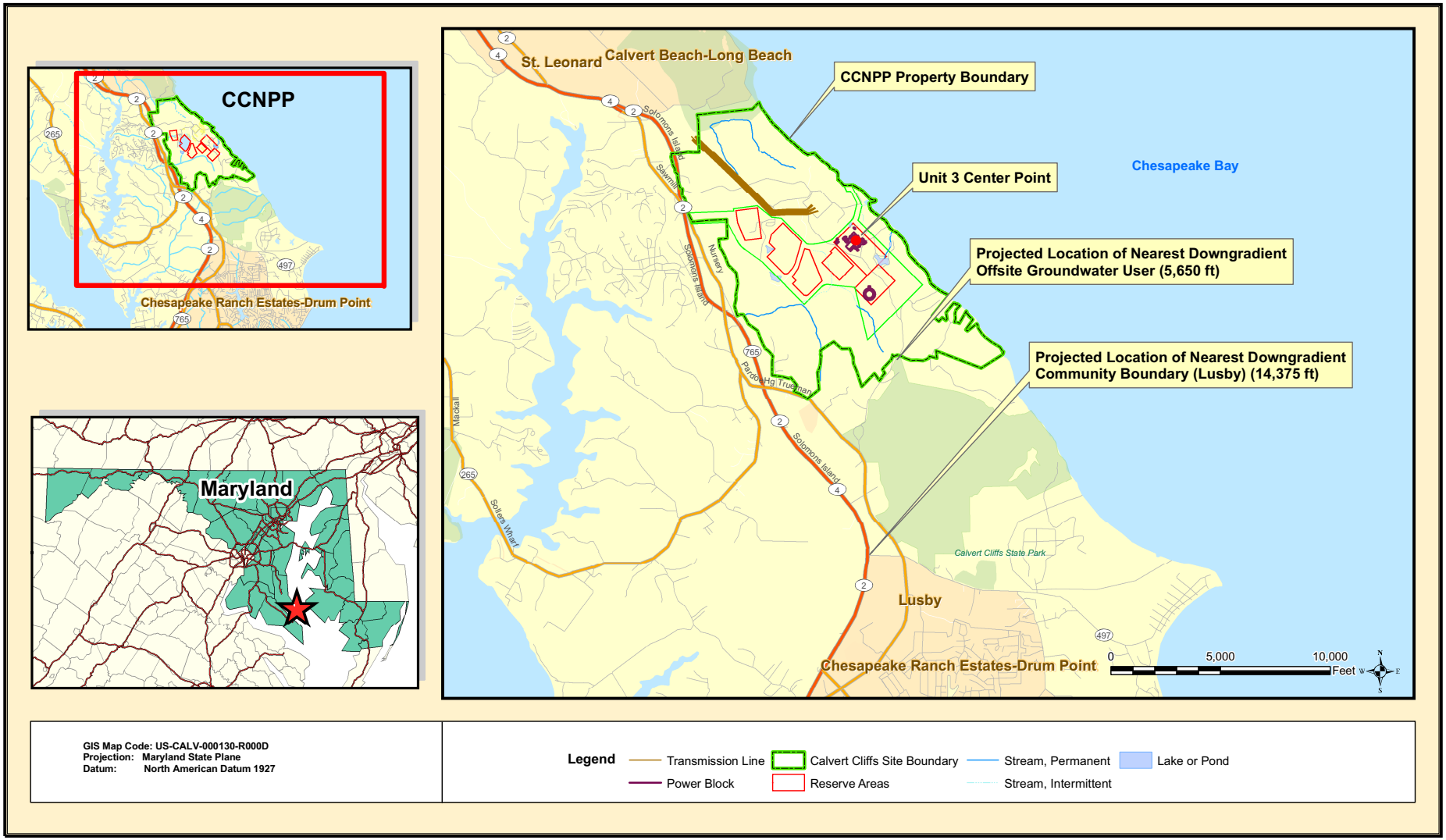
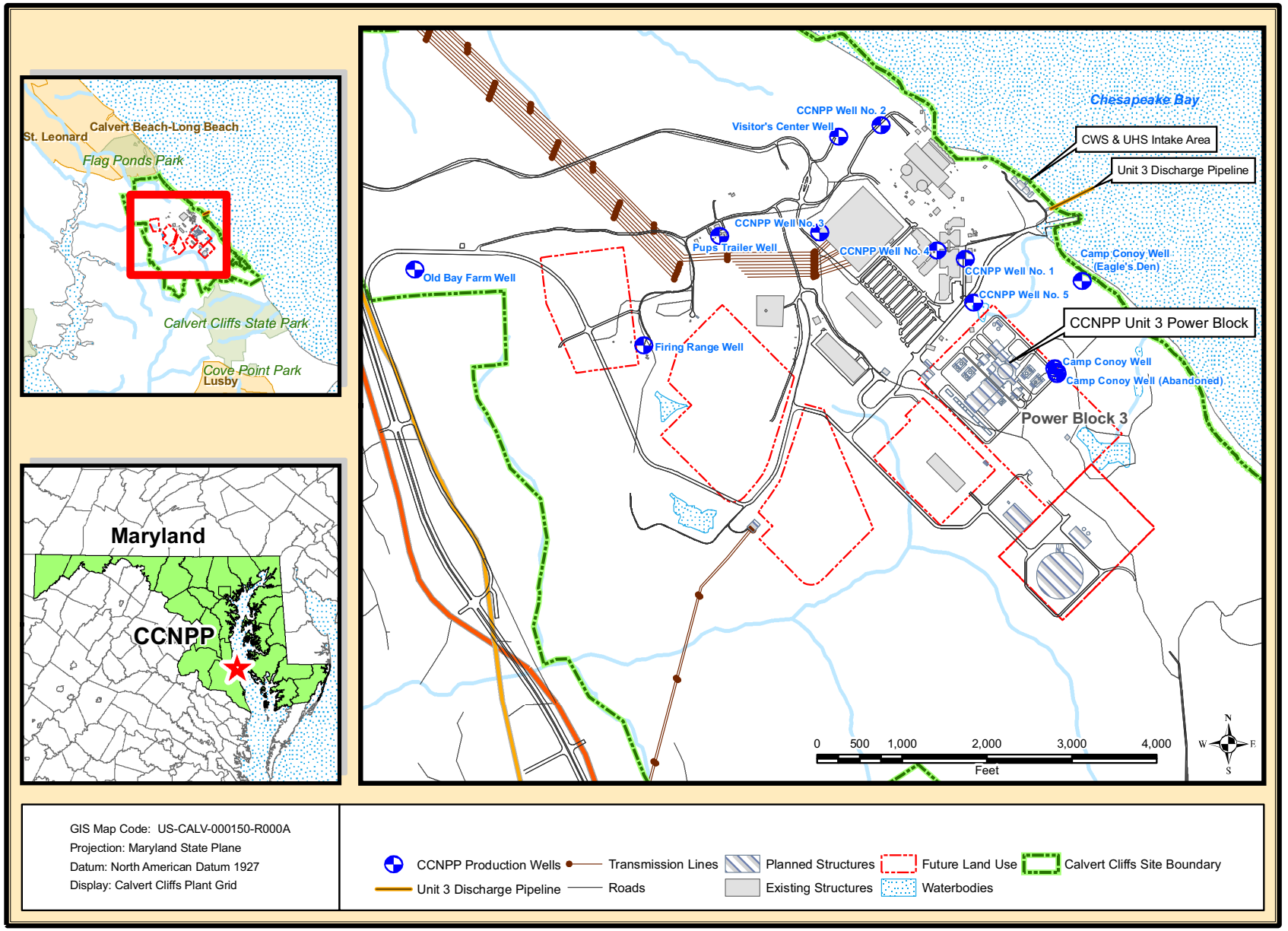


Figure 2.4-93 — {Projected Location of Nearest Off-Site Groundwater Well and Community Water Supply System}



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

Figure 2.4-94 — {CCNPP Water Production Wells}



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

Figure 2.4-95 — {The Differences Between the Potentiometric Surfaces of the Aquia Aquifer, September 1982 and September 2003, in Southern Maryland}

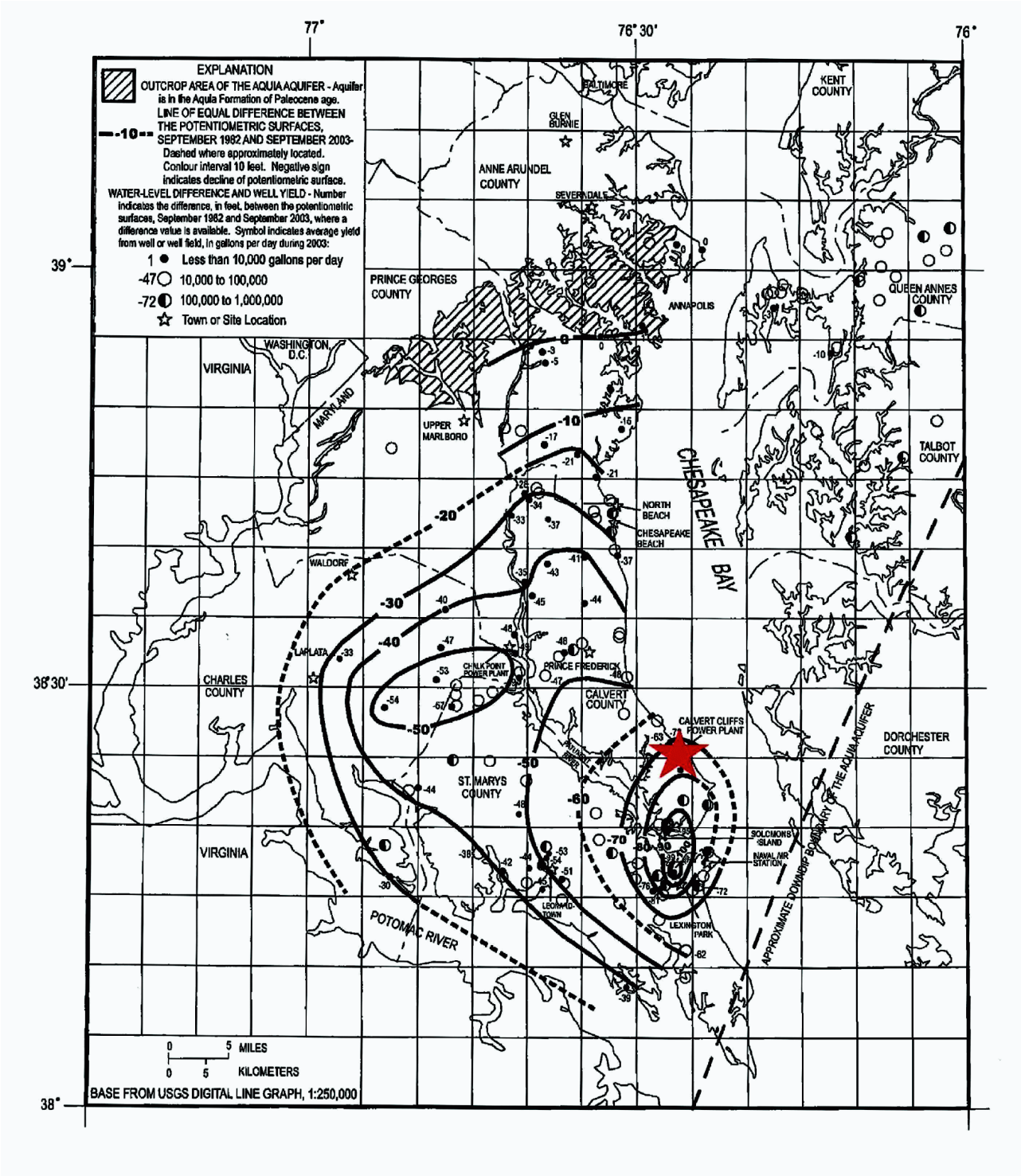


Figure 2.4-96 — {The Differences Between the Potentiometric Surfaces of the Magothy Aquifer, September 1975 and September 2003, in Southern Maryland}

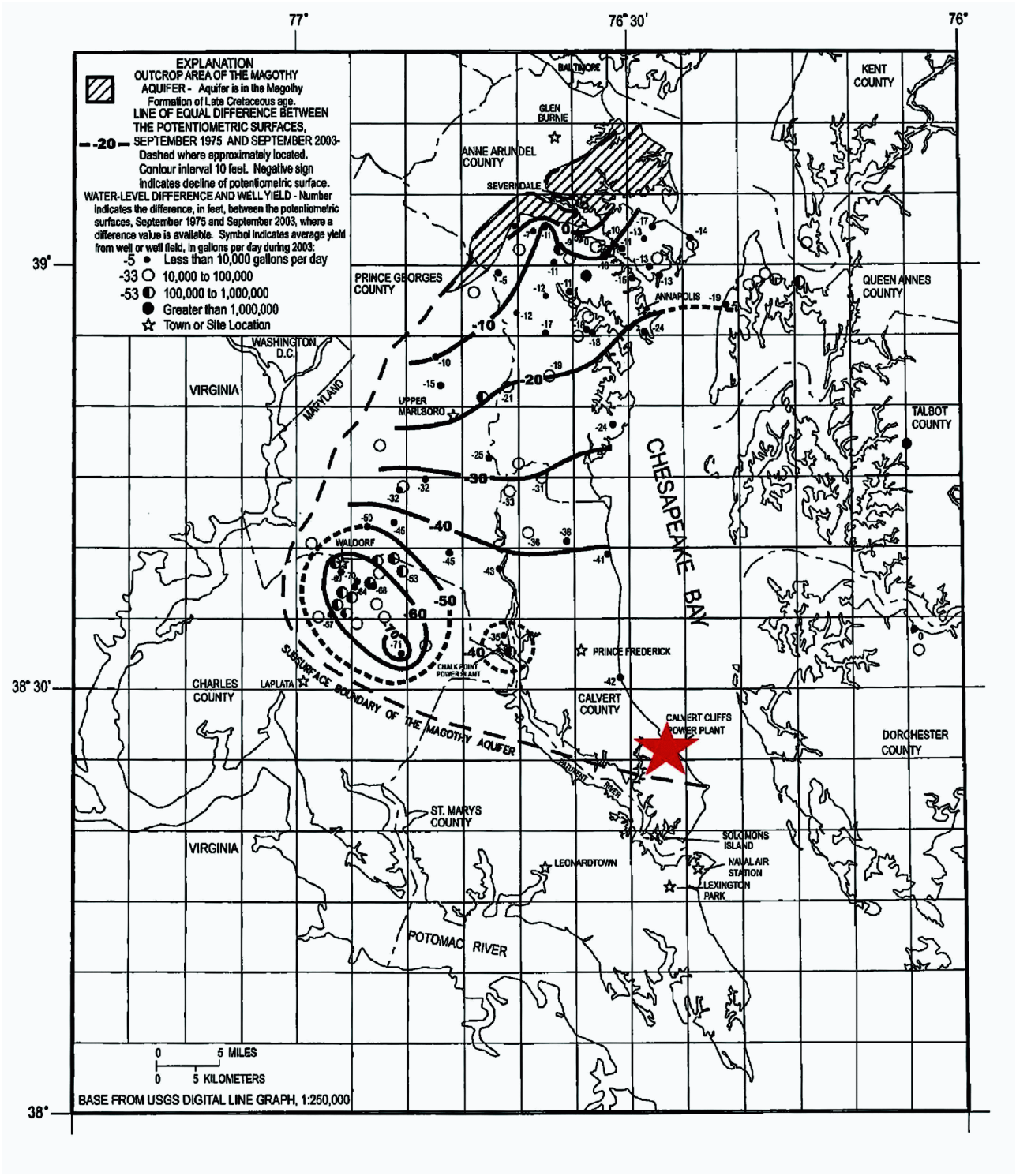


Figure 2.4-97 — {The Differences Between the Potentiometric Surfaces of the Upper Patapsco Aquifer, September 1990 and September 2003, in Southern Maryland}

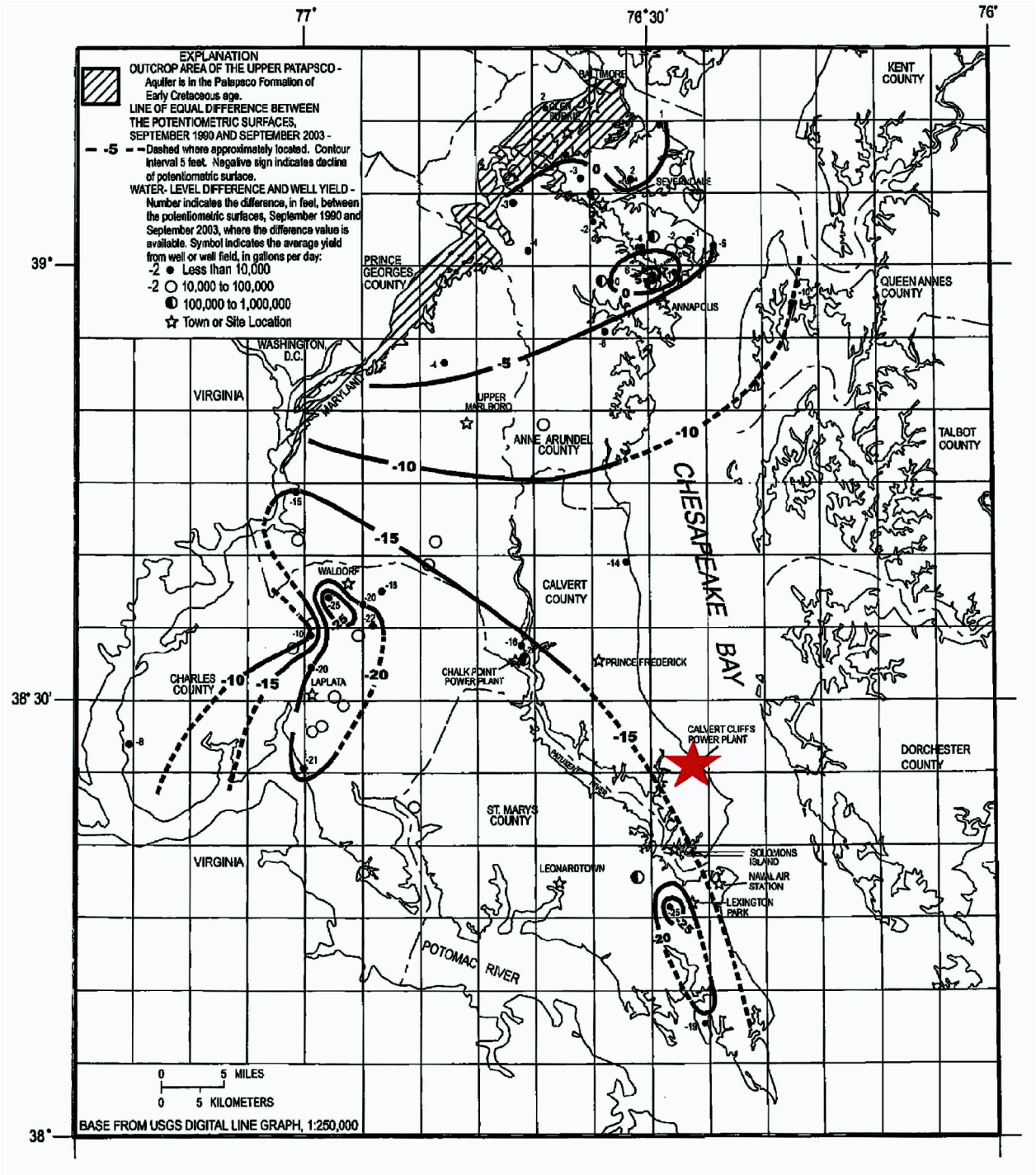


Figure 2.4-98 — {The Differences Between the Potentiometric Surfaces of the Lower Patapsco Aquifer, September 1990 and September 2003, in Southern Maryland}

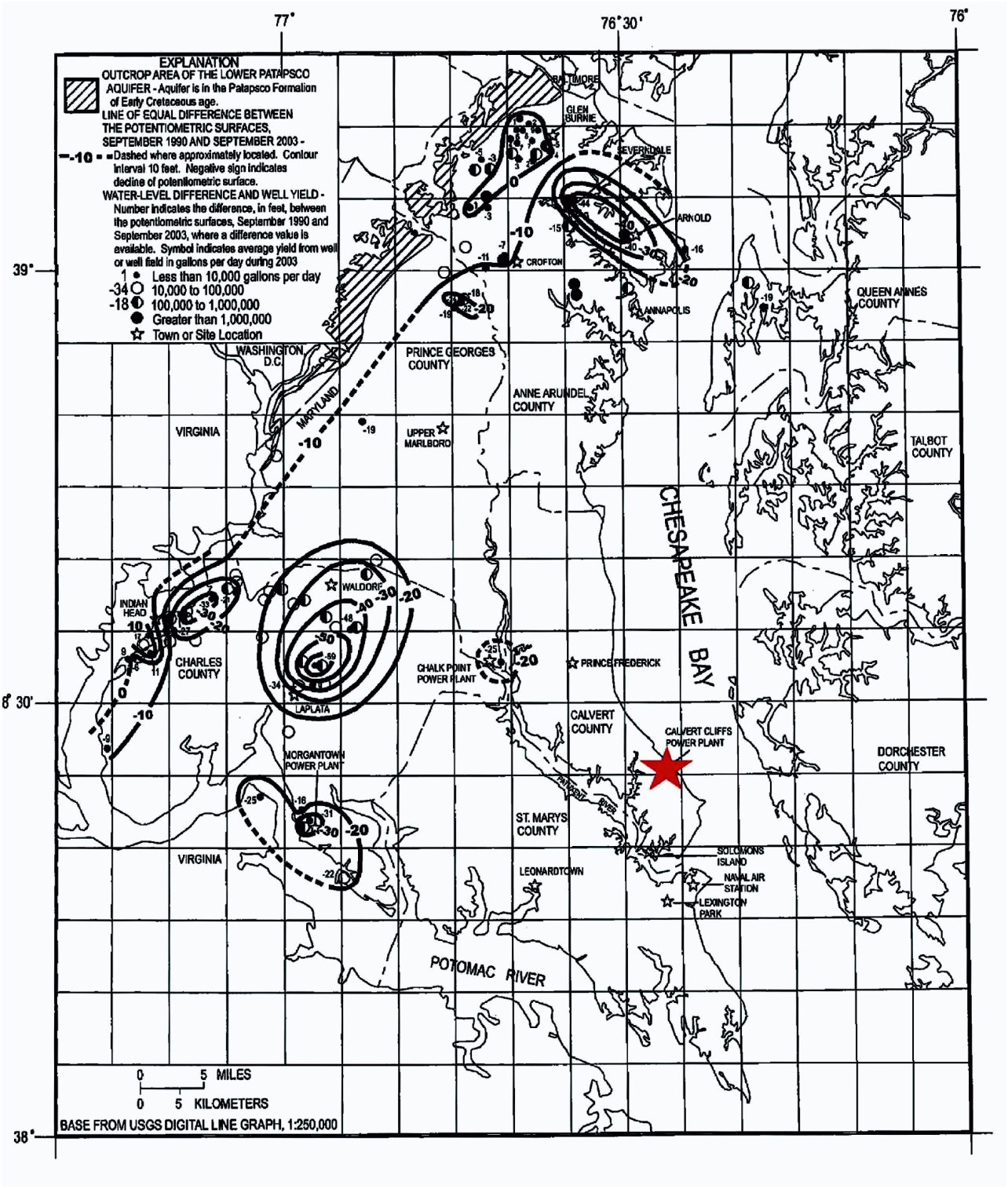


Figure 2.4-99 — {Calvert County Ground-Water-Level Monitoring Network, Location of Selected Water Level Monitoring Wells}

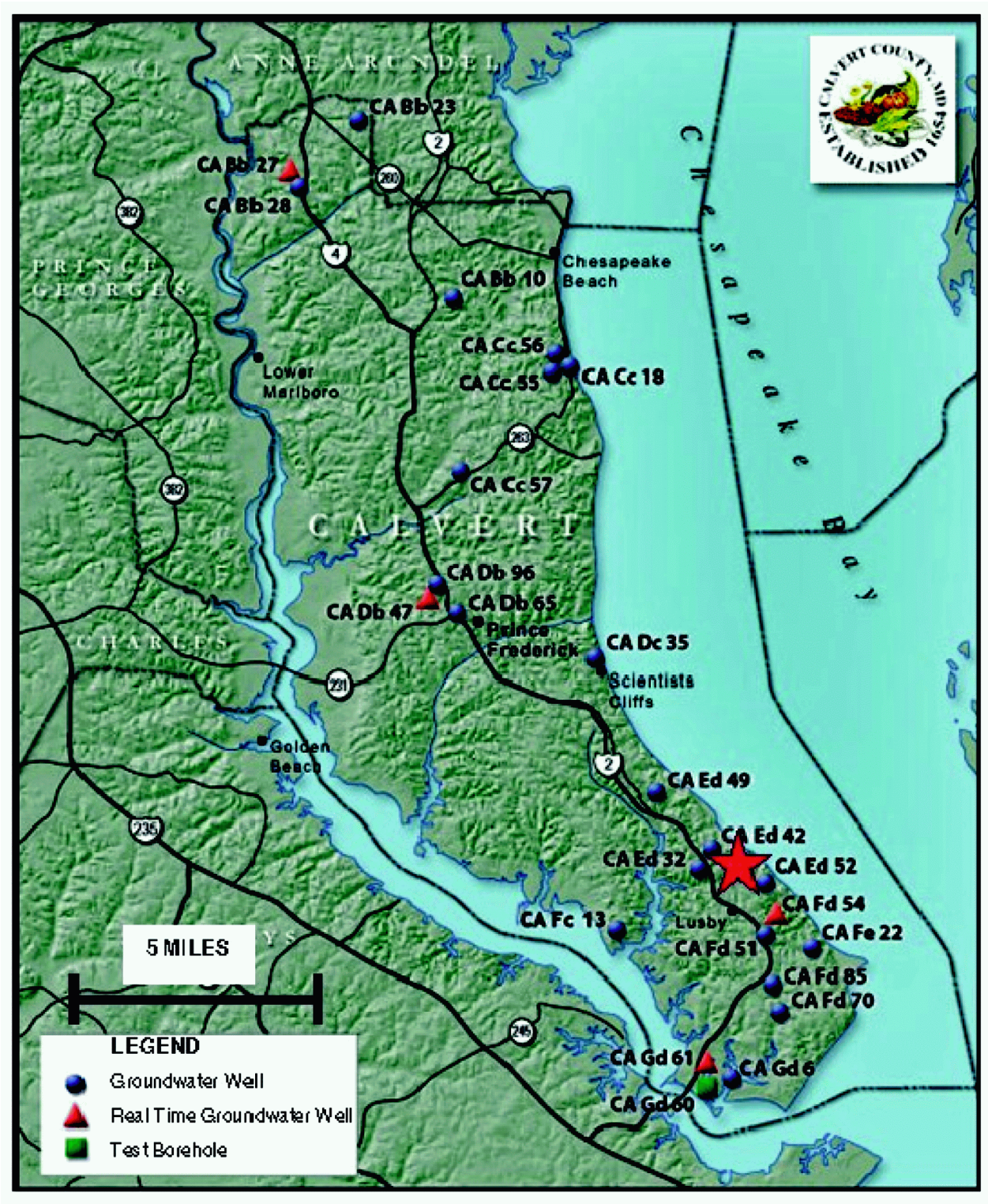


Figure 2.4-100 — {Well Hydrograph for Monitoring Well CA Fd 51 Screened in the Piney Point - Nanjemoy Aquifer at Calvert Cliffs State Park}

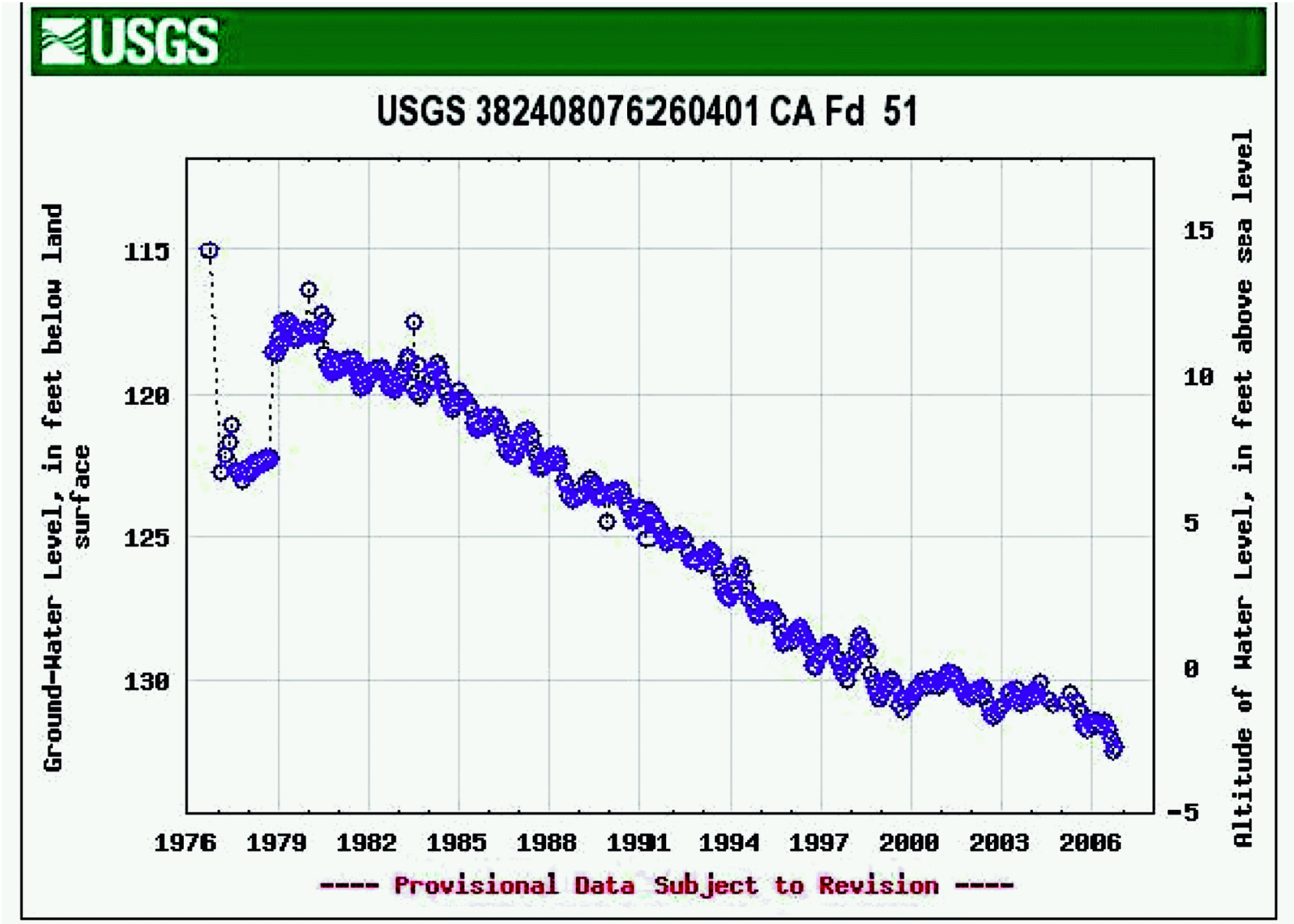


Figure 2.4-101 — {Well Hydrograph for Monitoring Well CA Ed 42 Screened in the Aquia Aquifer at CCNPP}

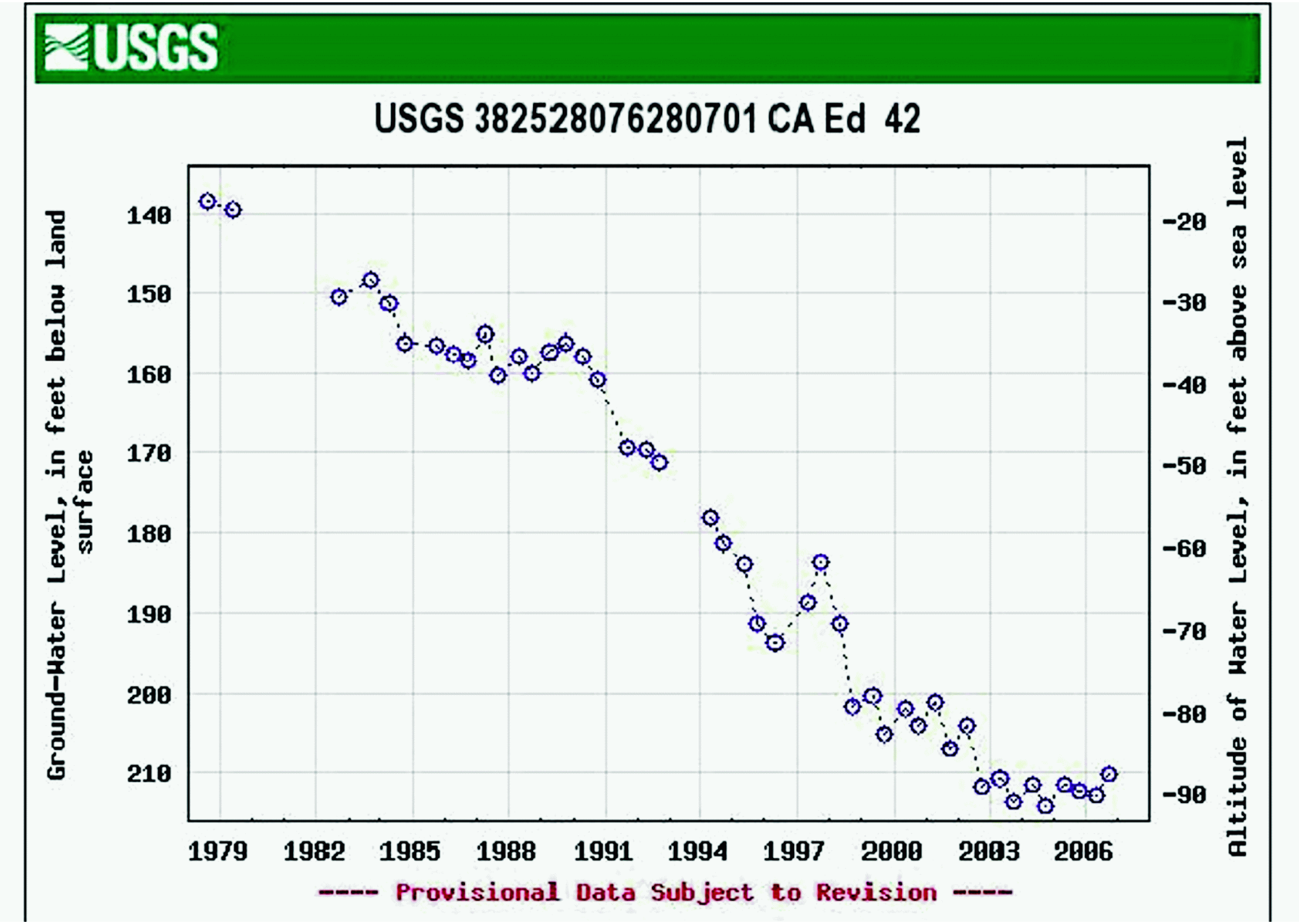


Figure 2.4-102 — {Well Hydrograph for Monitoring Well CA Dc 35 Screened in the Magothy Aquifer at Scientists Cliffs}

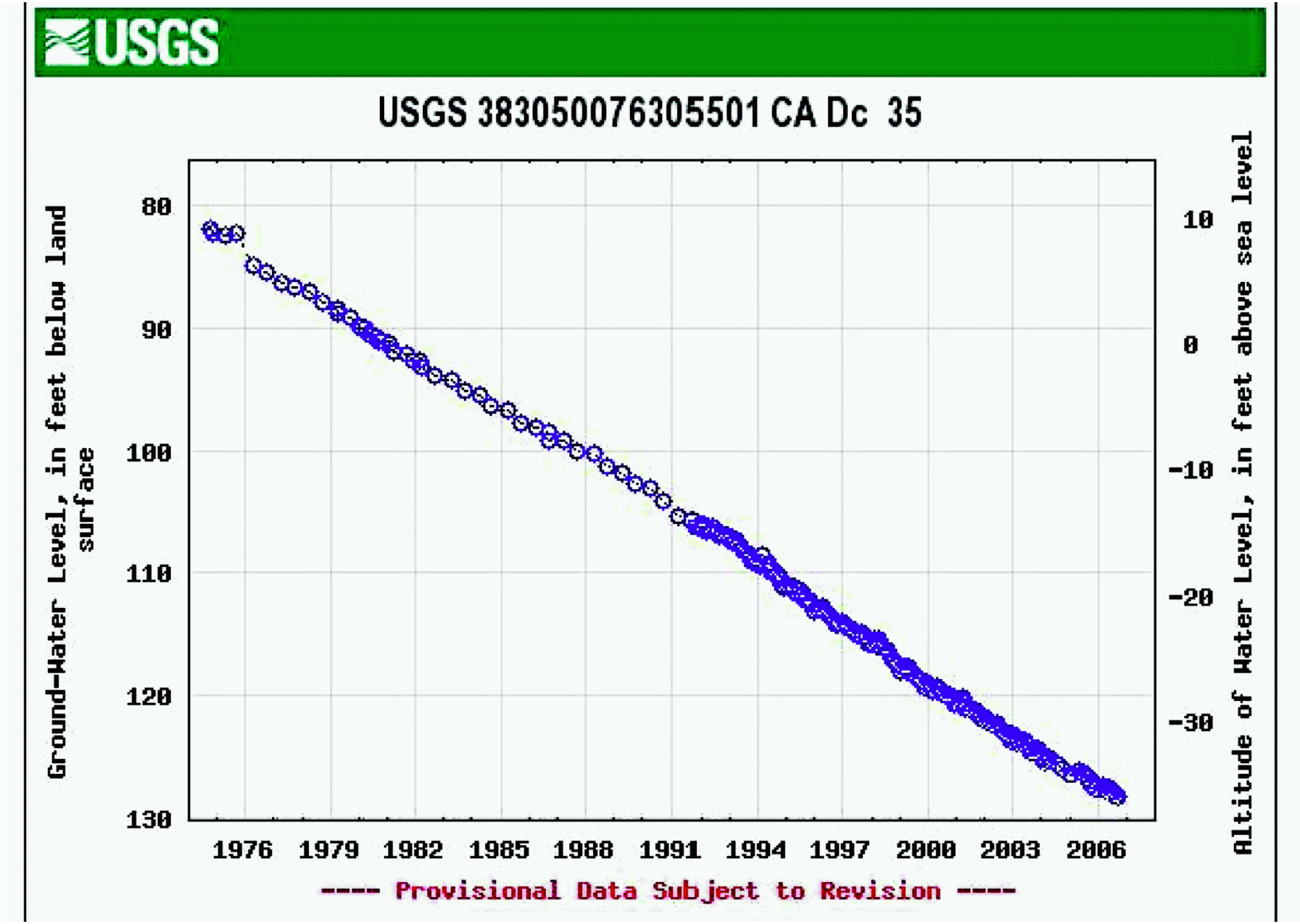


Figure 2.4-103 — {Well Hydrograph for Monitoring Well CA Db 96 Screened in the Upper Patapsco Aquifer at Prince Frederick}

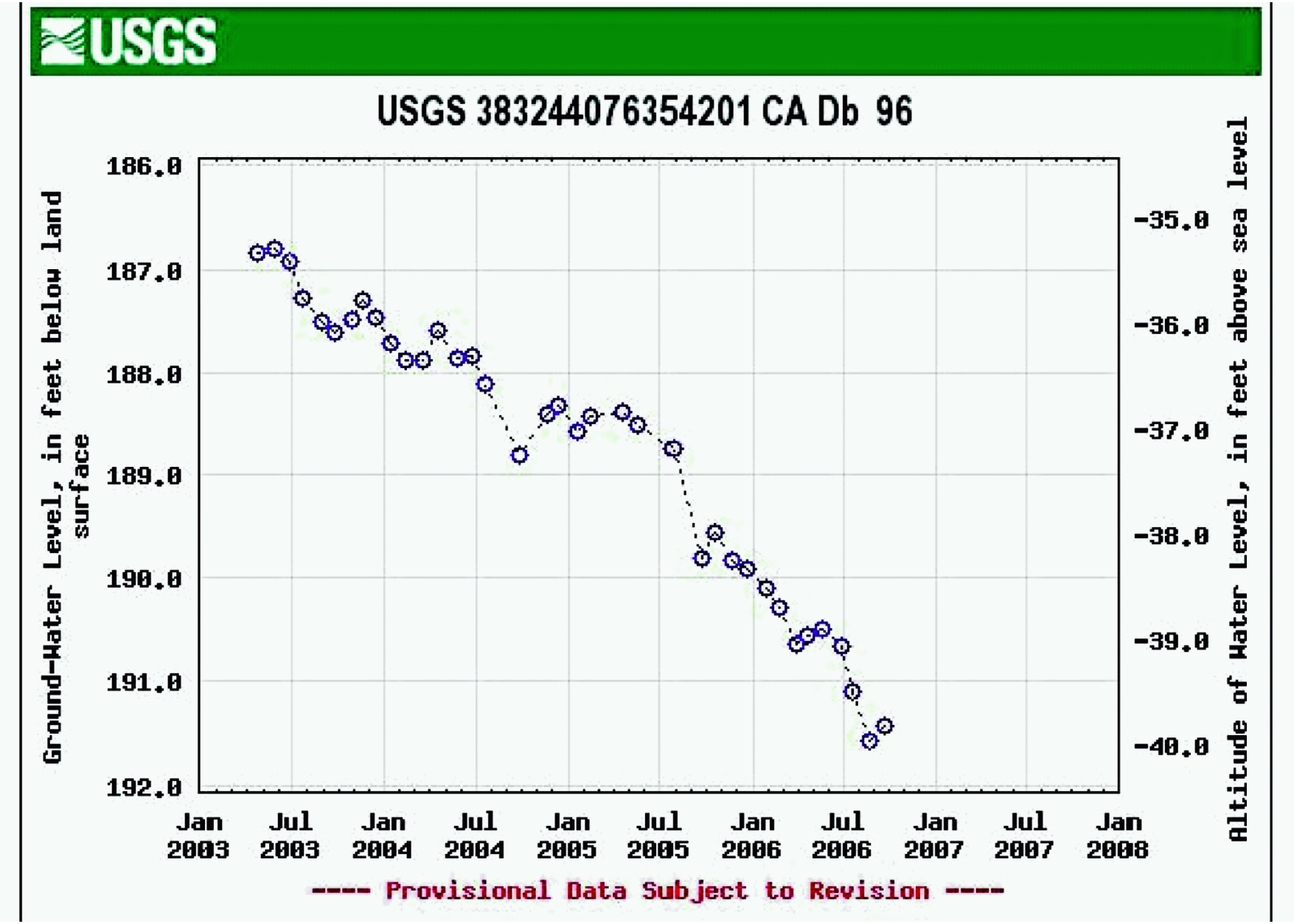


Figure 2.4-104 — {Well Hydrograph for Monitoring Well CA Fd 85 Screened in the Lower Patapsco Aquifer at Chesapeake Ranch Estates}

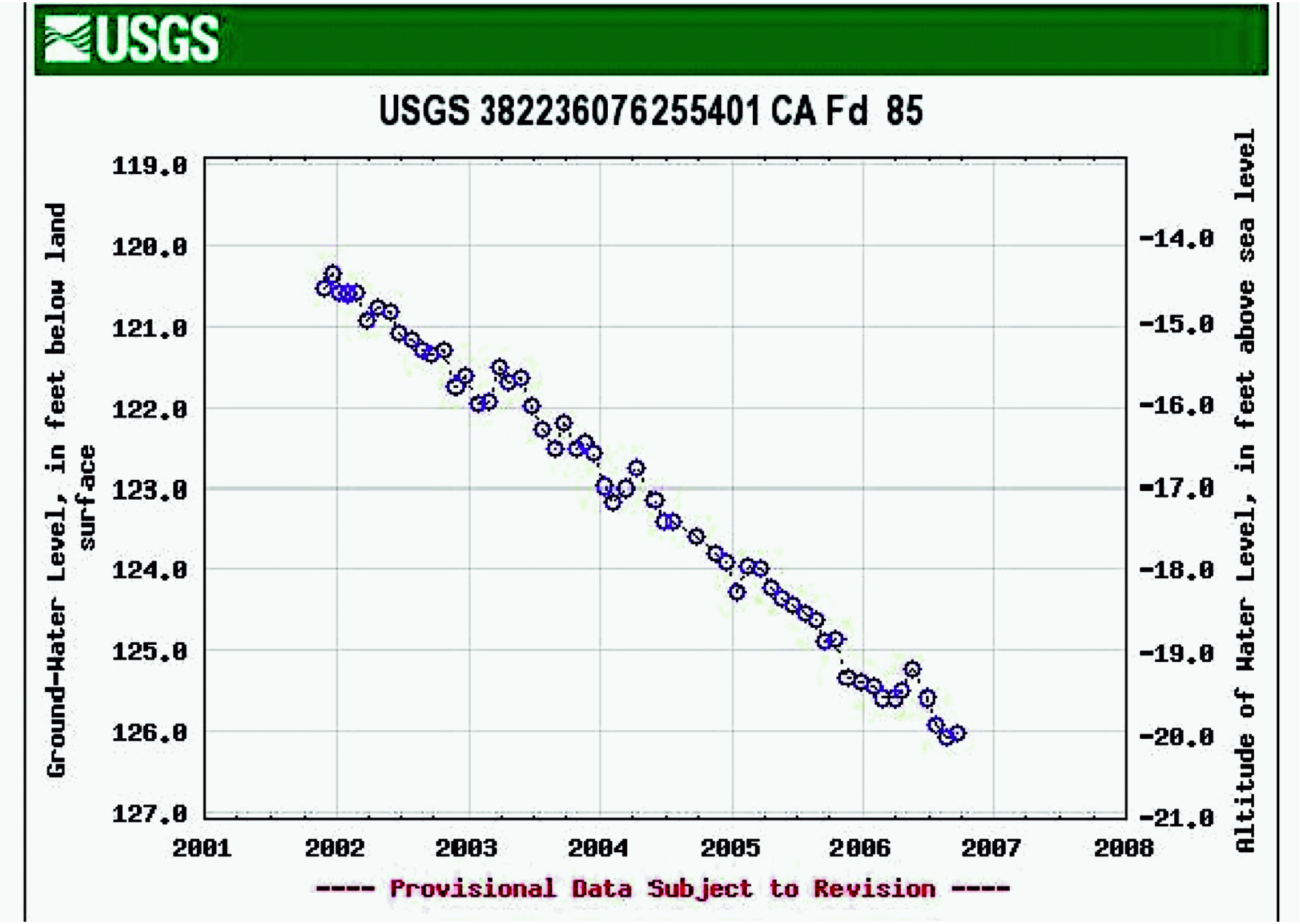
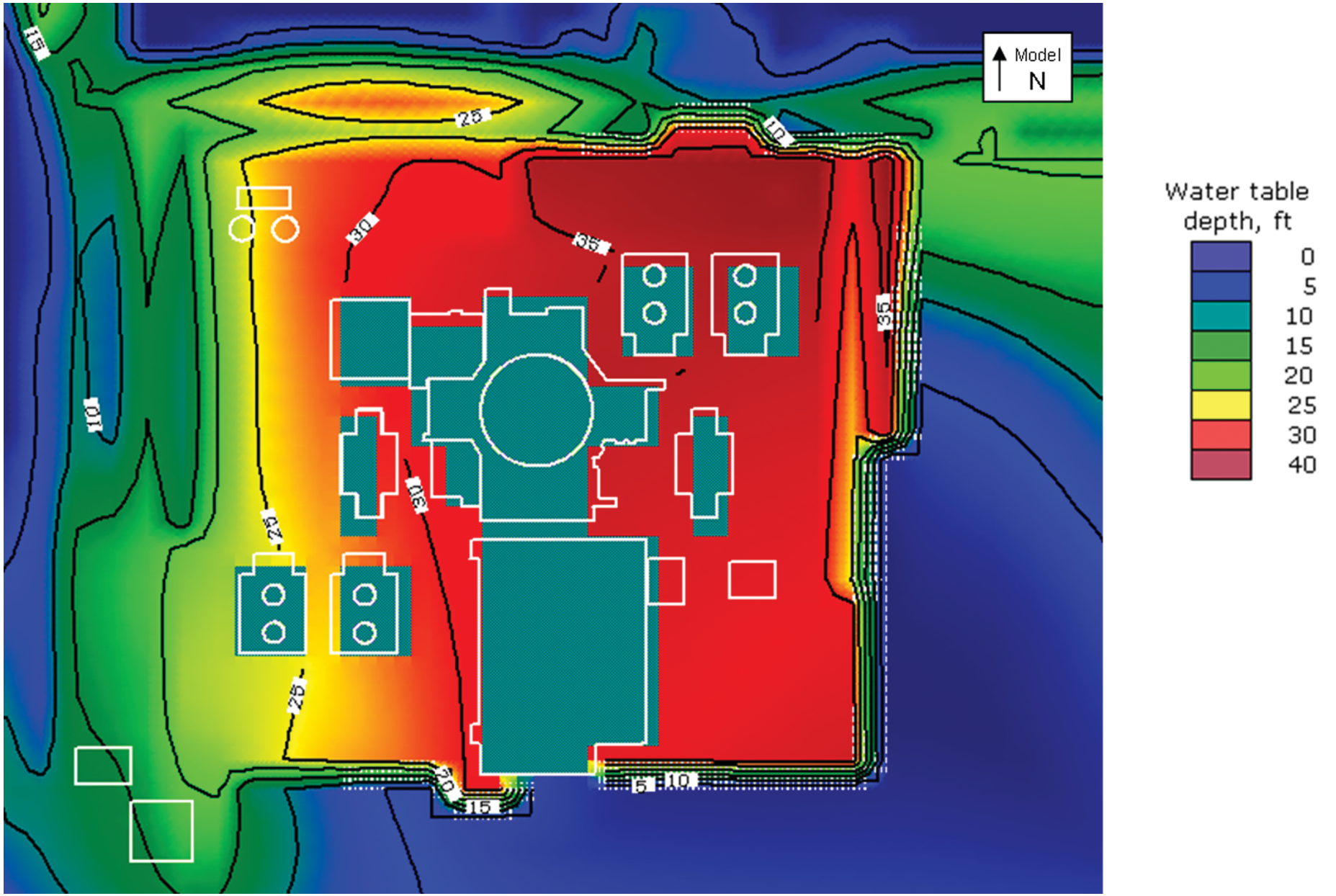
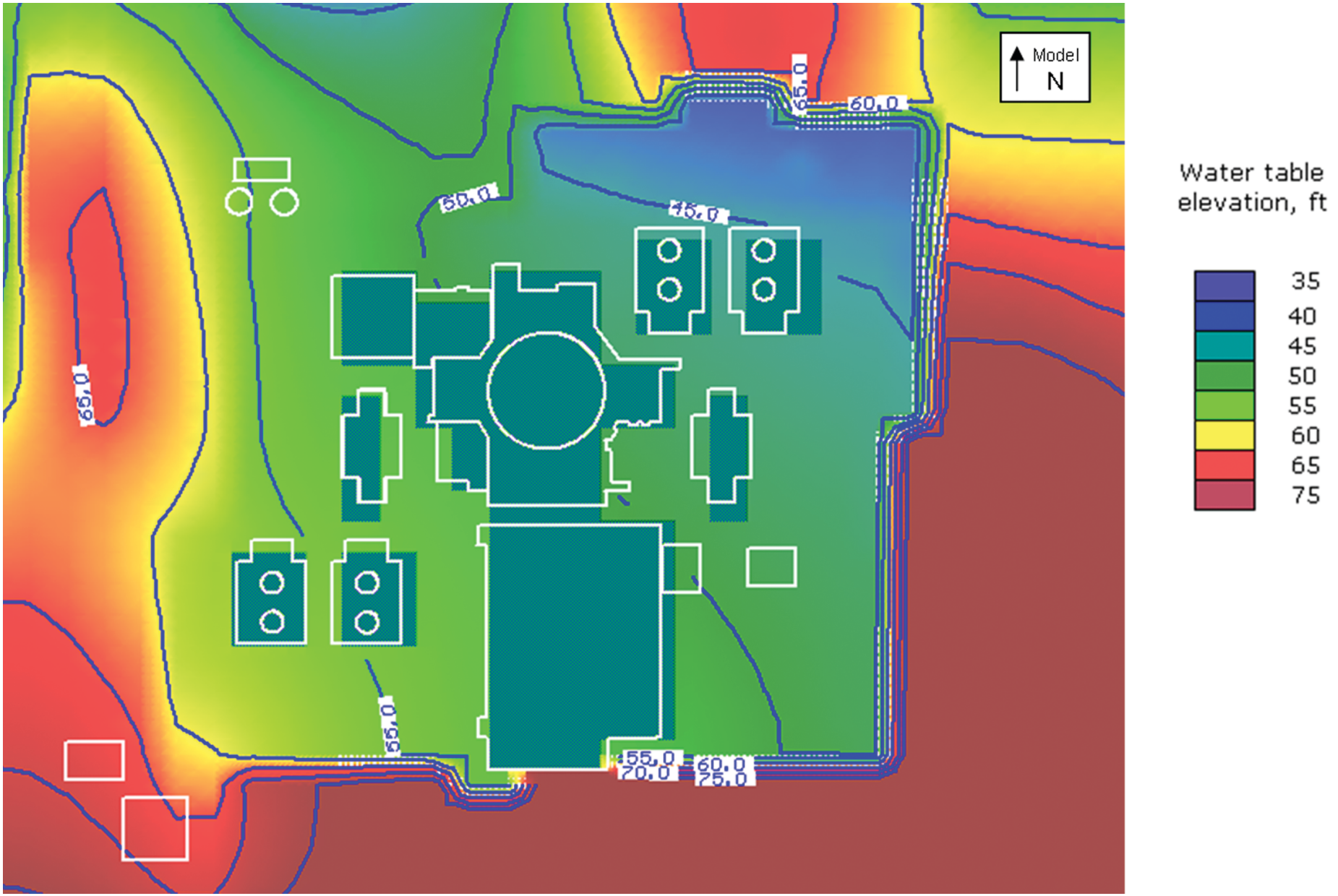


Figure 2.4-105 — {Modeled Post-Construction Depth to the Water Table around the Unit 3 Power Block Area}



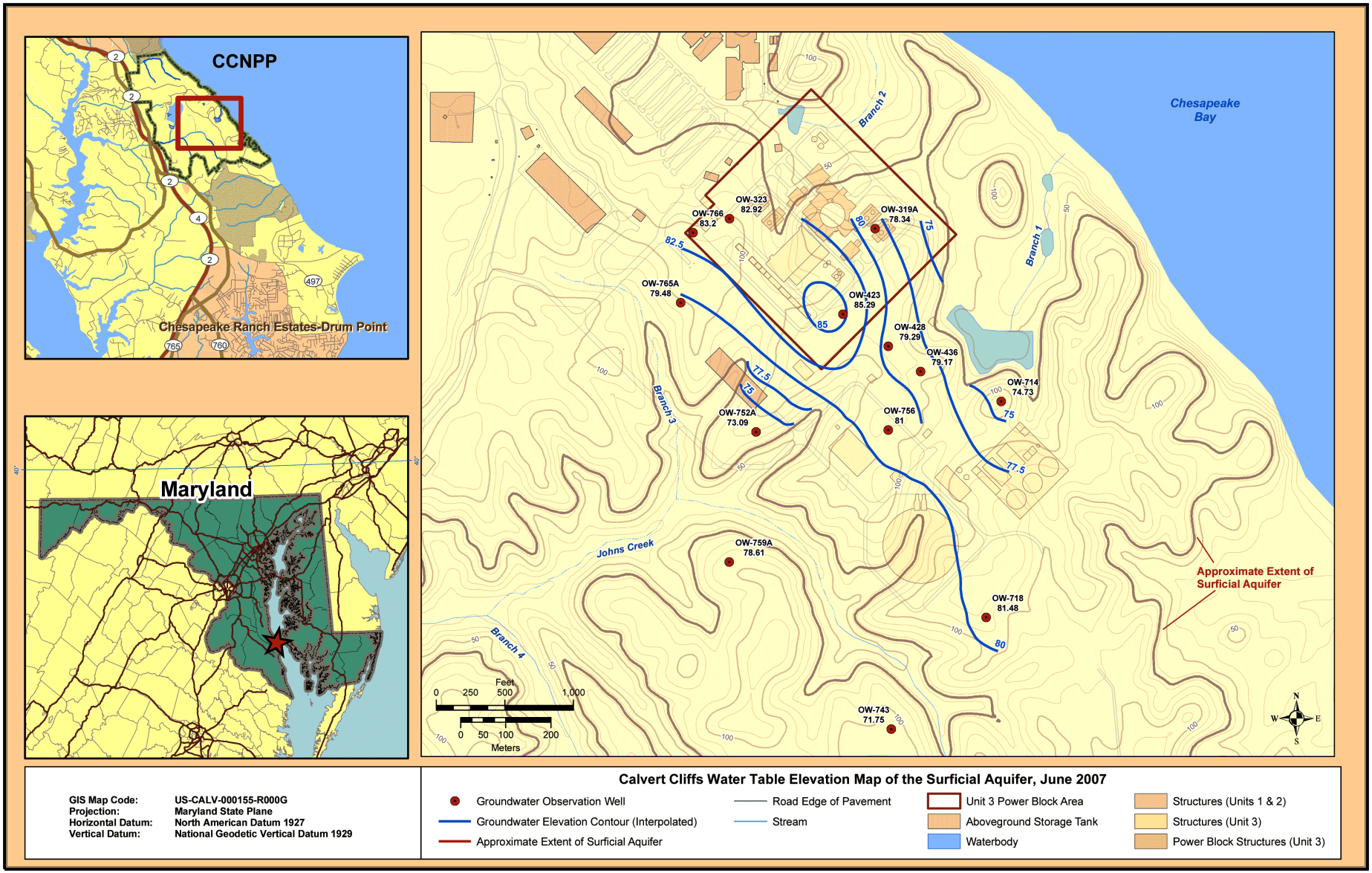
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-106 — {Modeled Post-Construction Elevation of the Water Table around the Unit 3 Power Block Area}



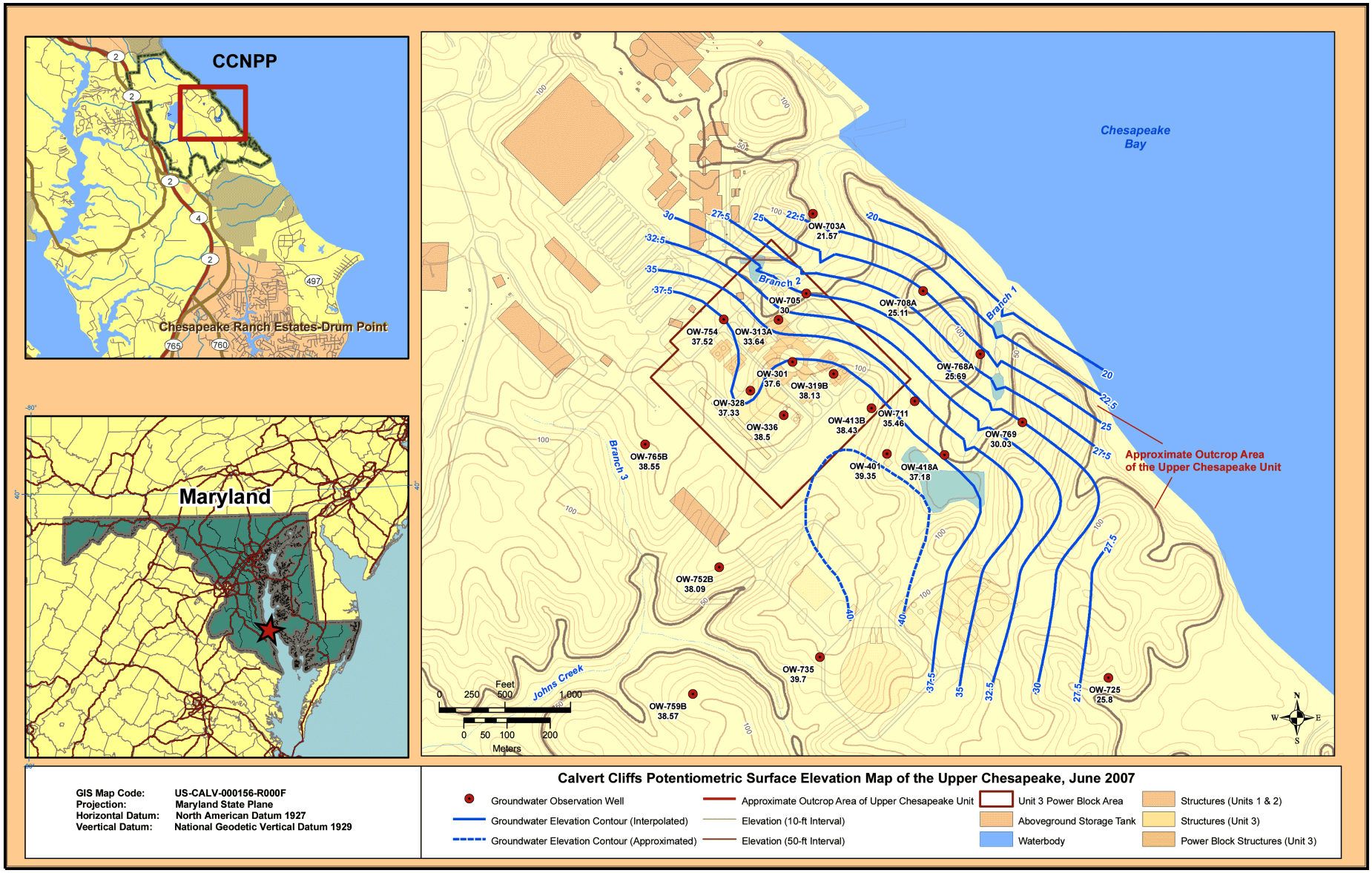
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-107 — {Water Table Elevation Map and Groundwater Flow Direction for the Surficial Aquifer, June 2007}



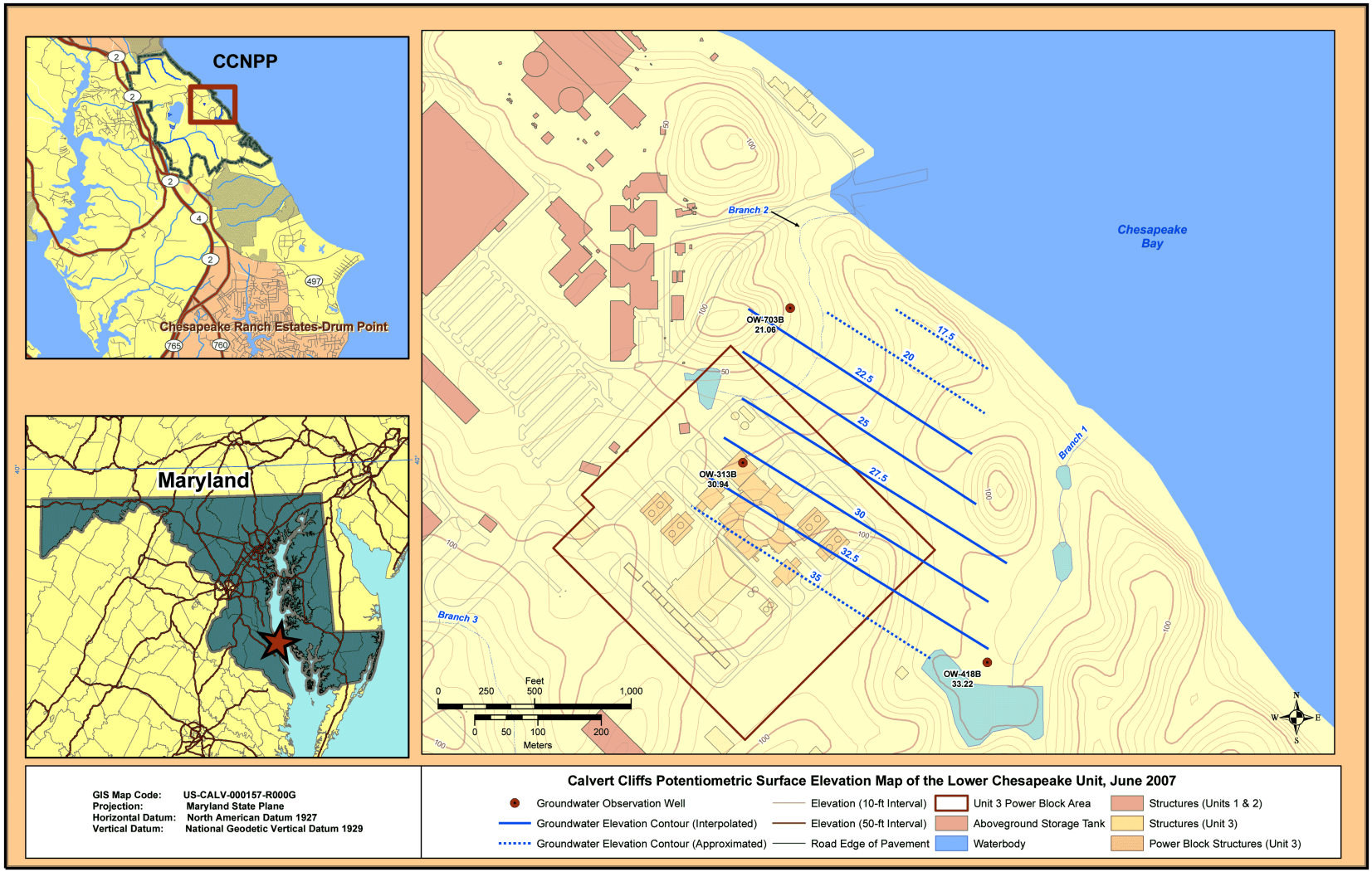
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-108 — {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 2.4-109 — {Potentiometric Surface Elecation Map and Groundwater Flow Directions for the Lower Chesapeake Unit, June 2007}



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

Figure 2.4-110 — {Conceptual Model of Subsurface Pathways through the Upper Chesapeake Unit To Surface Streams}

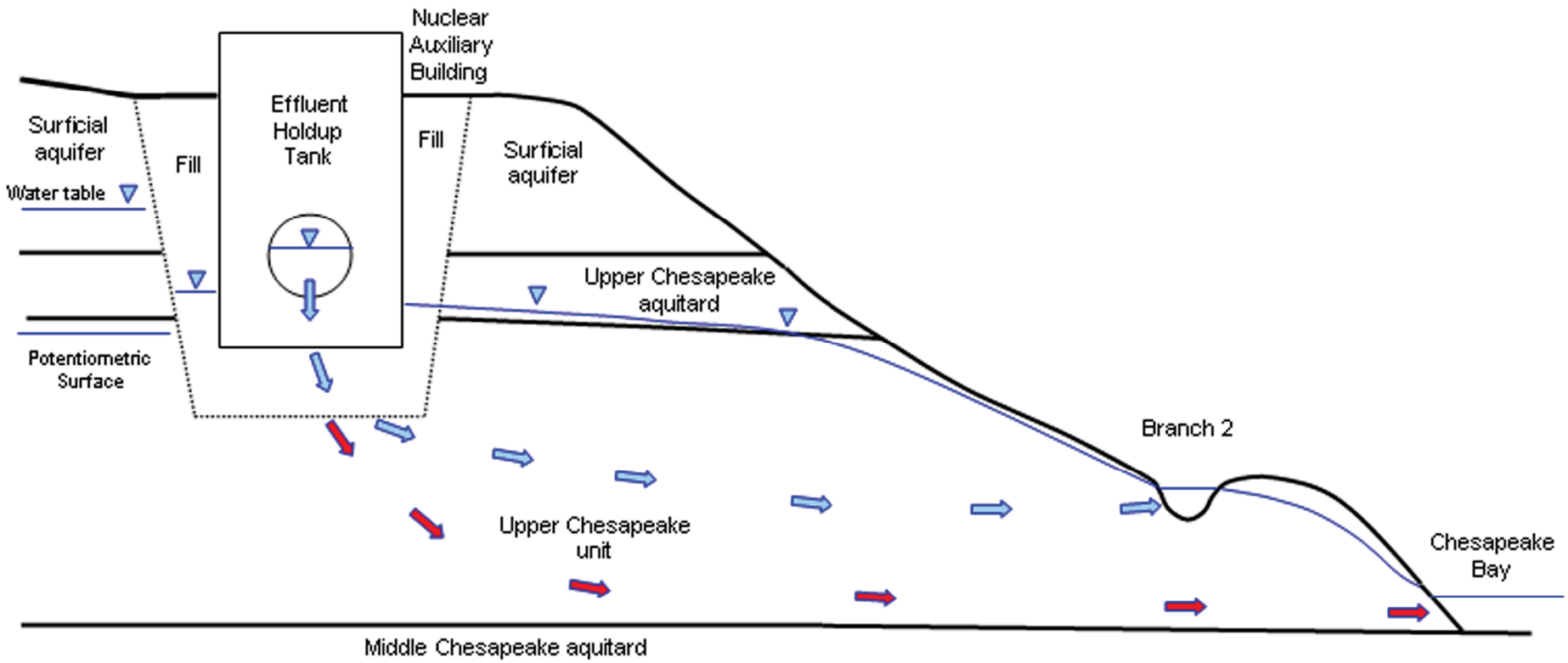
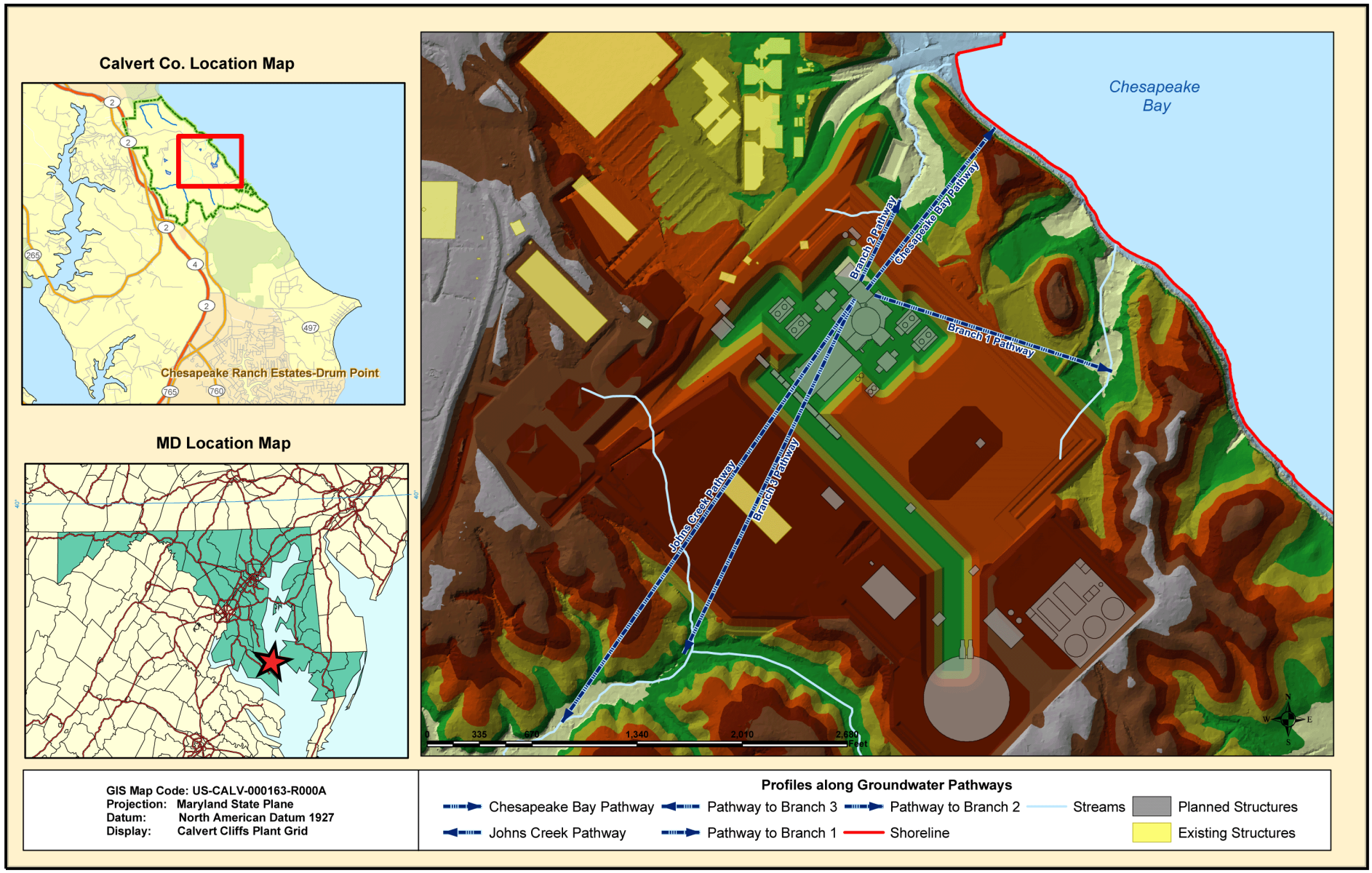
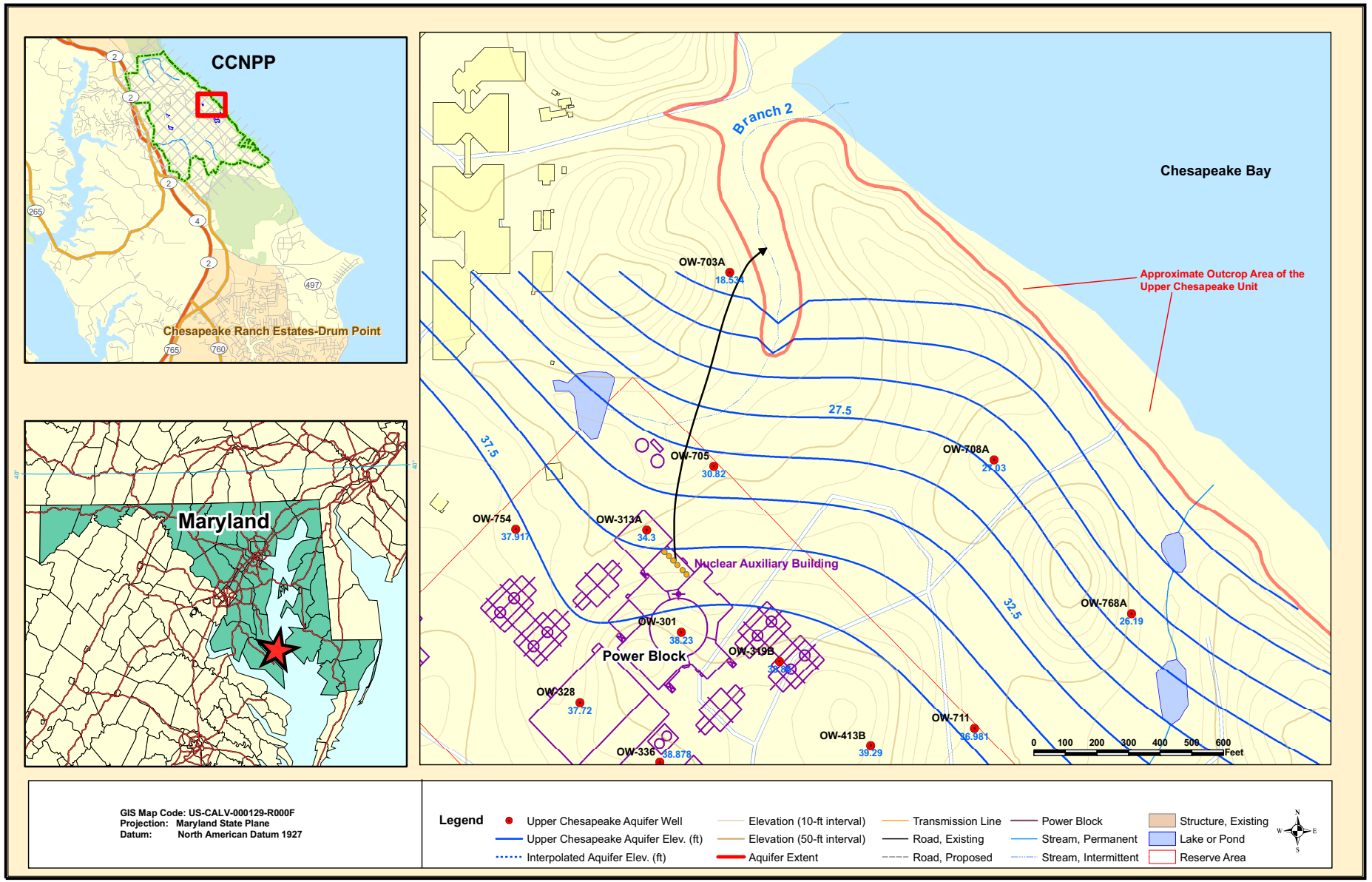


Figure 2.4-111 — {Plan View of Subsurface Contaminant Pathways}



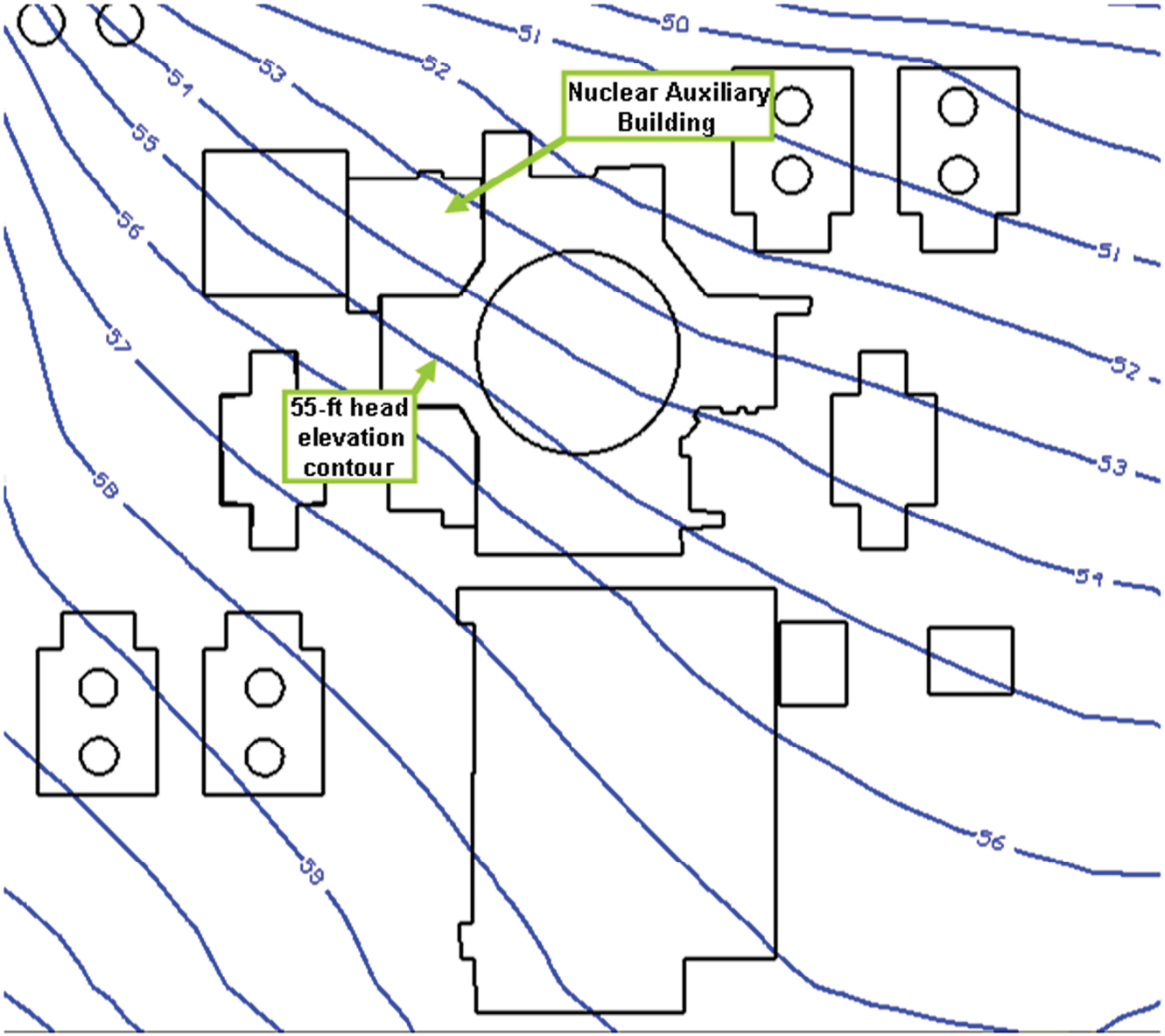
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-112 — {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 2.4-113 — {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 2.4-114 — {Cross Section Showing Pathlines through the Upper Chesapeake Unit in the Post- Construction Groundwater Model}

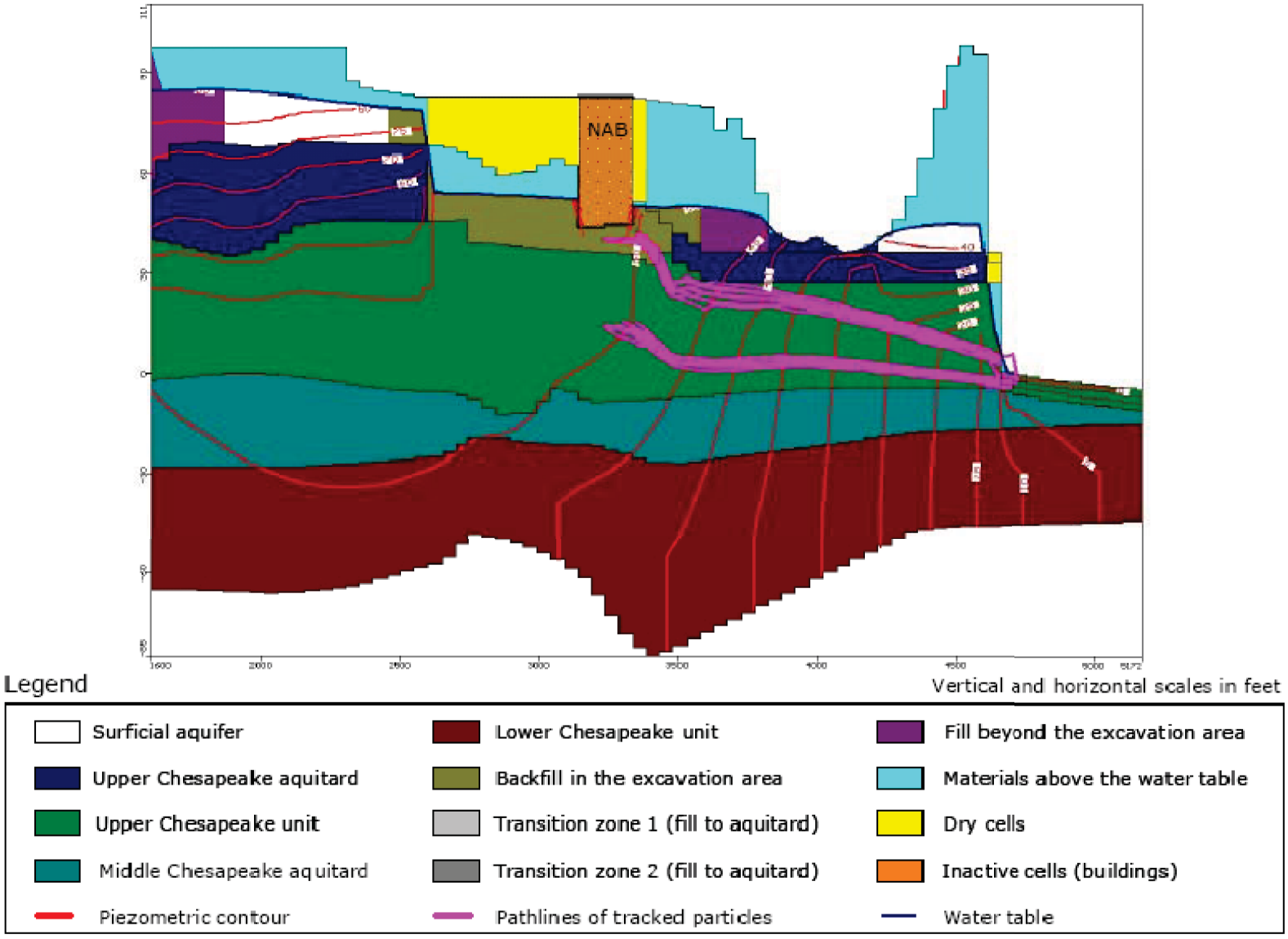
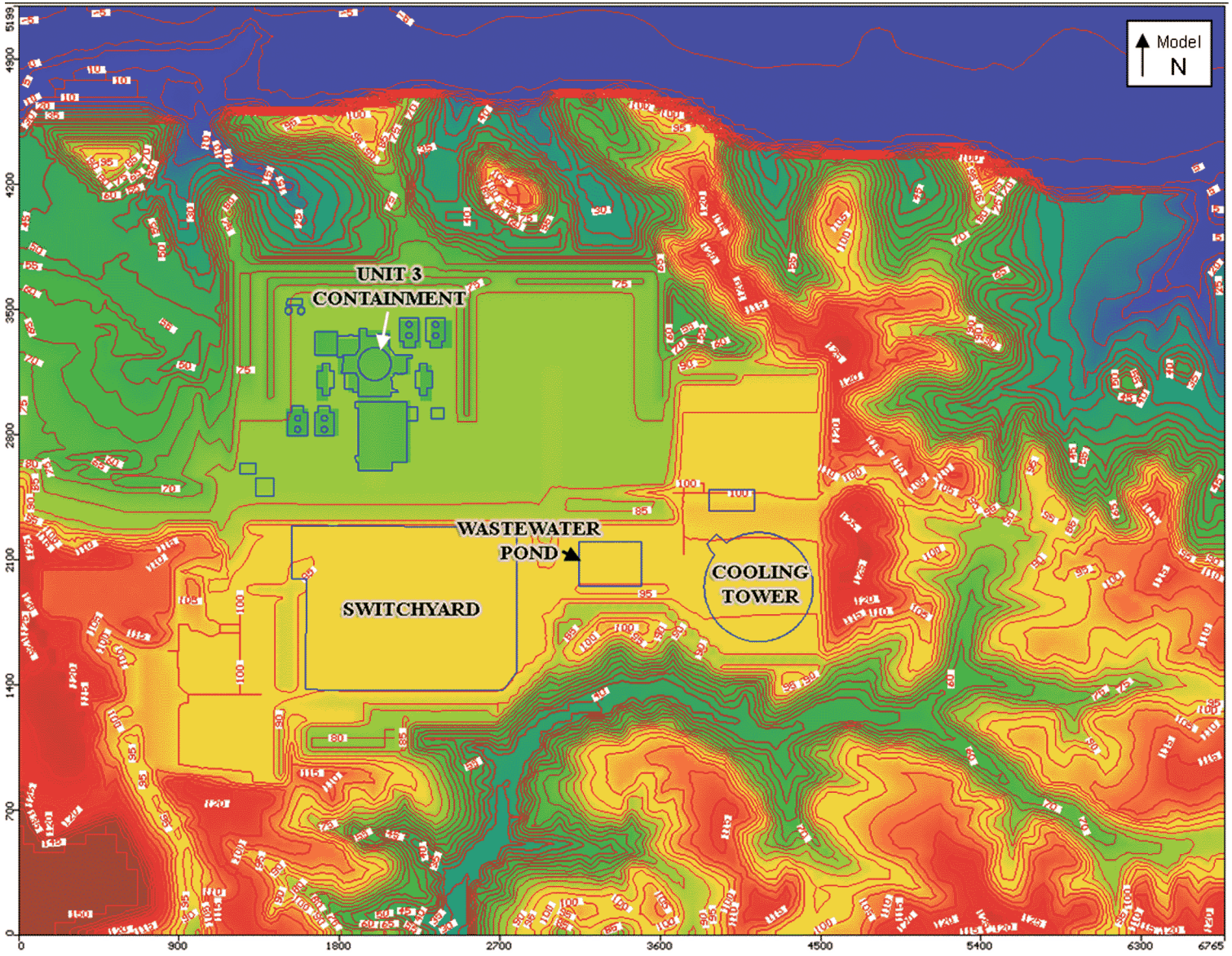
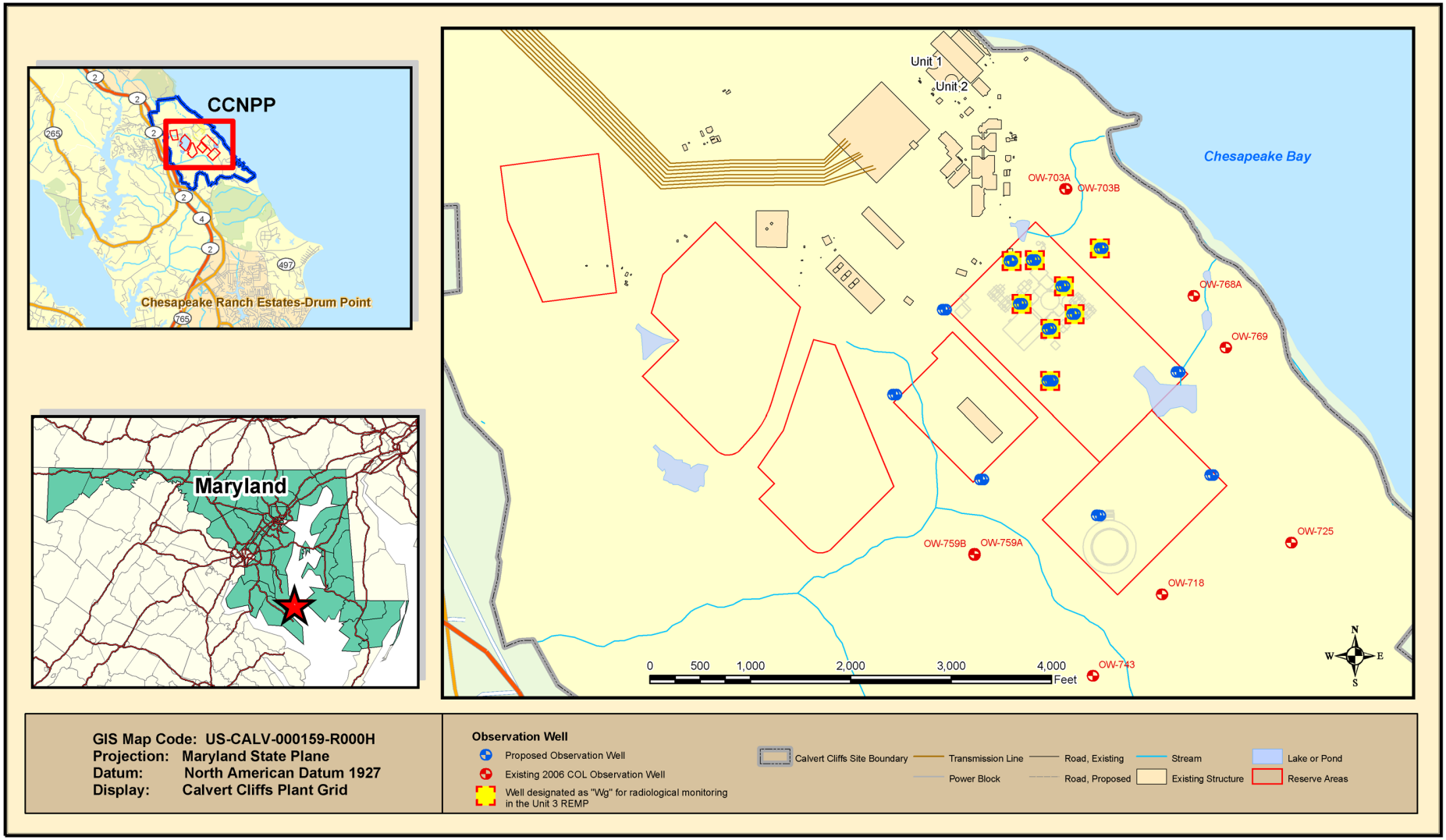


Figure 2.4-115 — {Topography of the Post-Construction Groundwater Flow Model Domain}



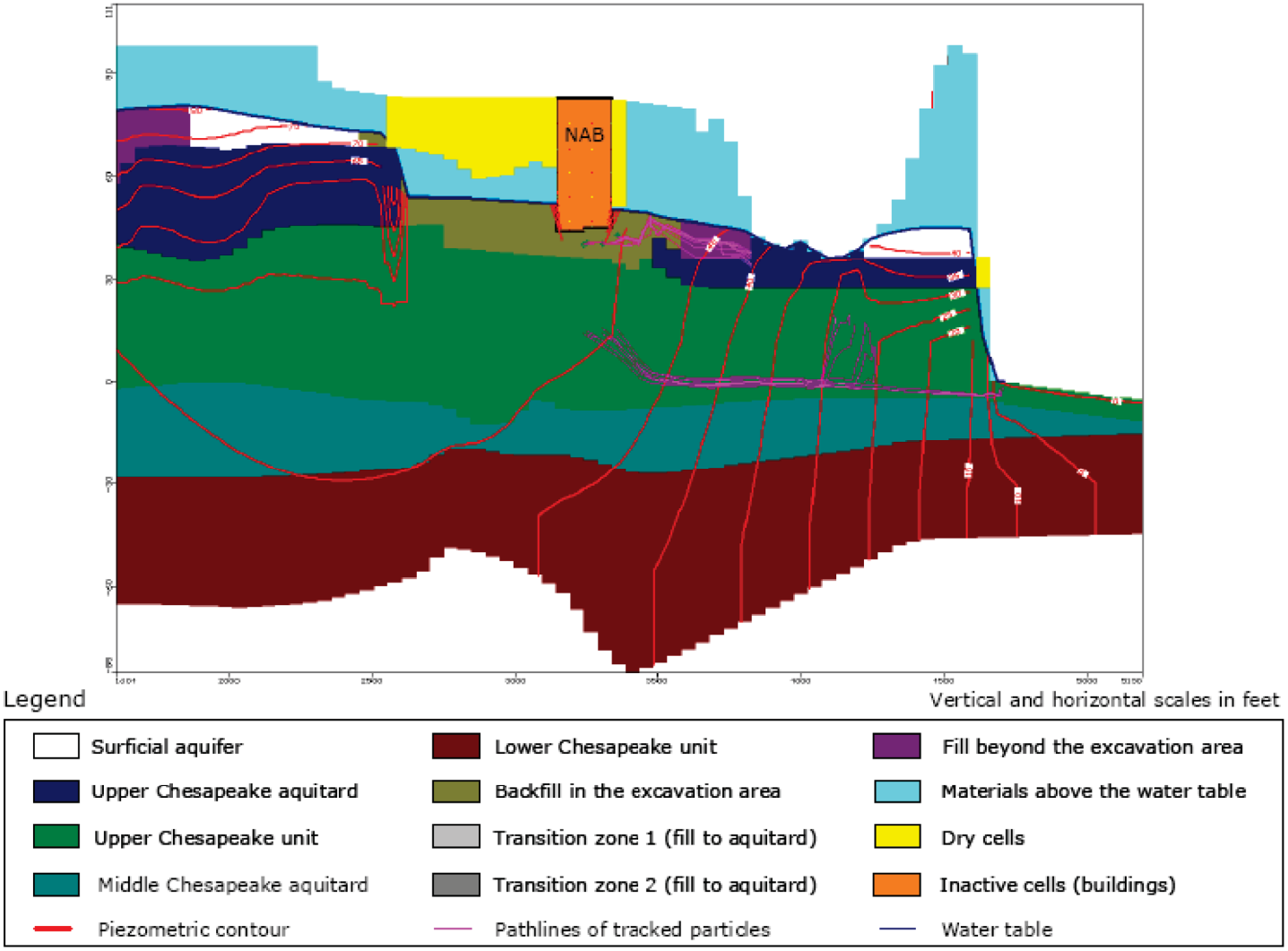
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-116 — {Proposed Post Construction Observation Well Locations}



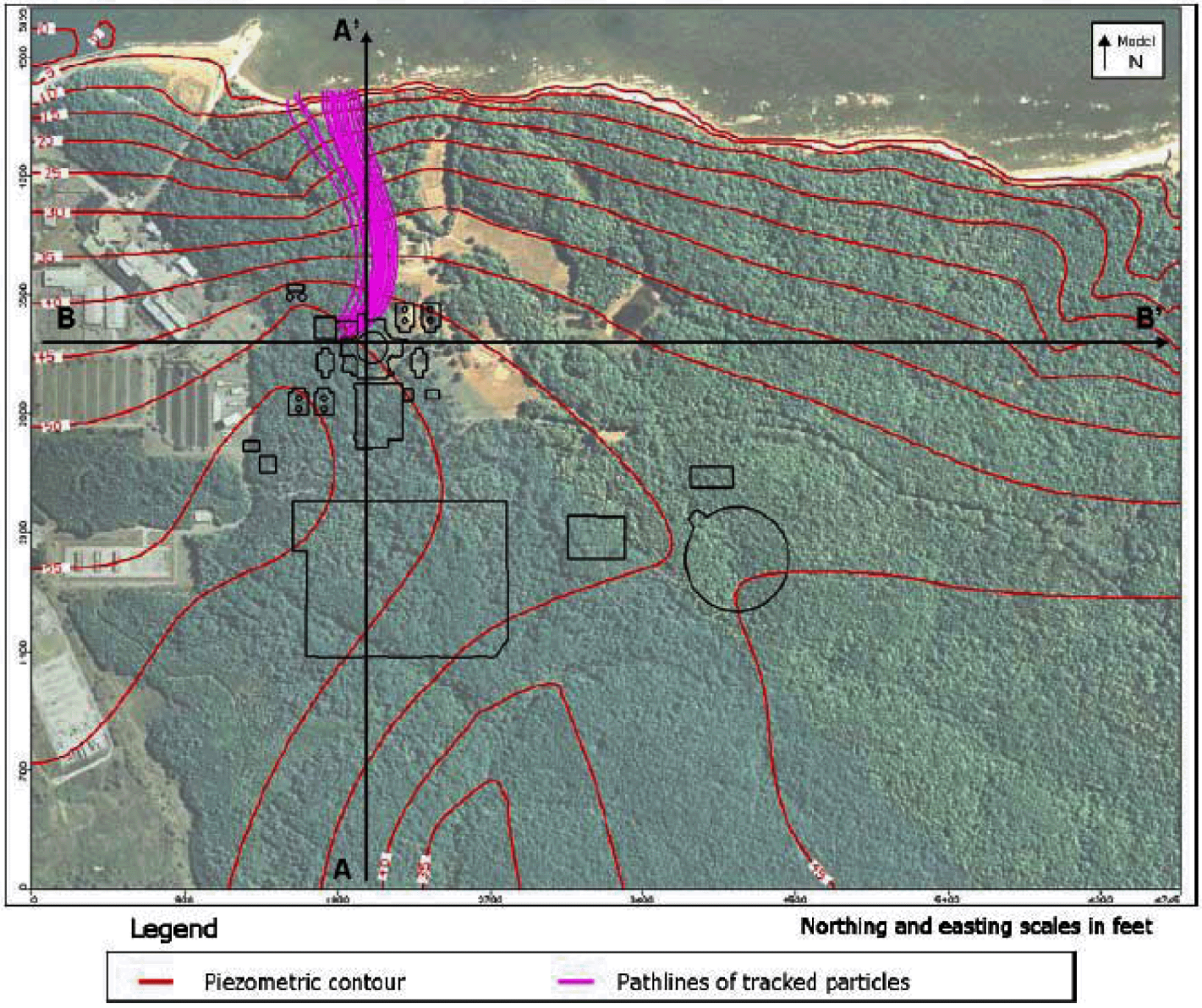
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-117 — {Cross-Section Showing Pathlines through Engineered Fill in Post-Construction Groundwater Model, for the Simulation Using the Maximum Hydraulic Conductivity of the Fill Material}



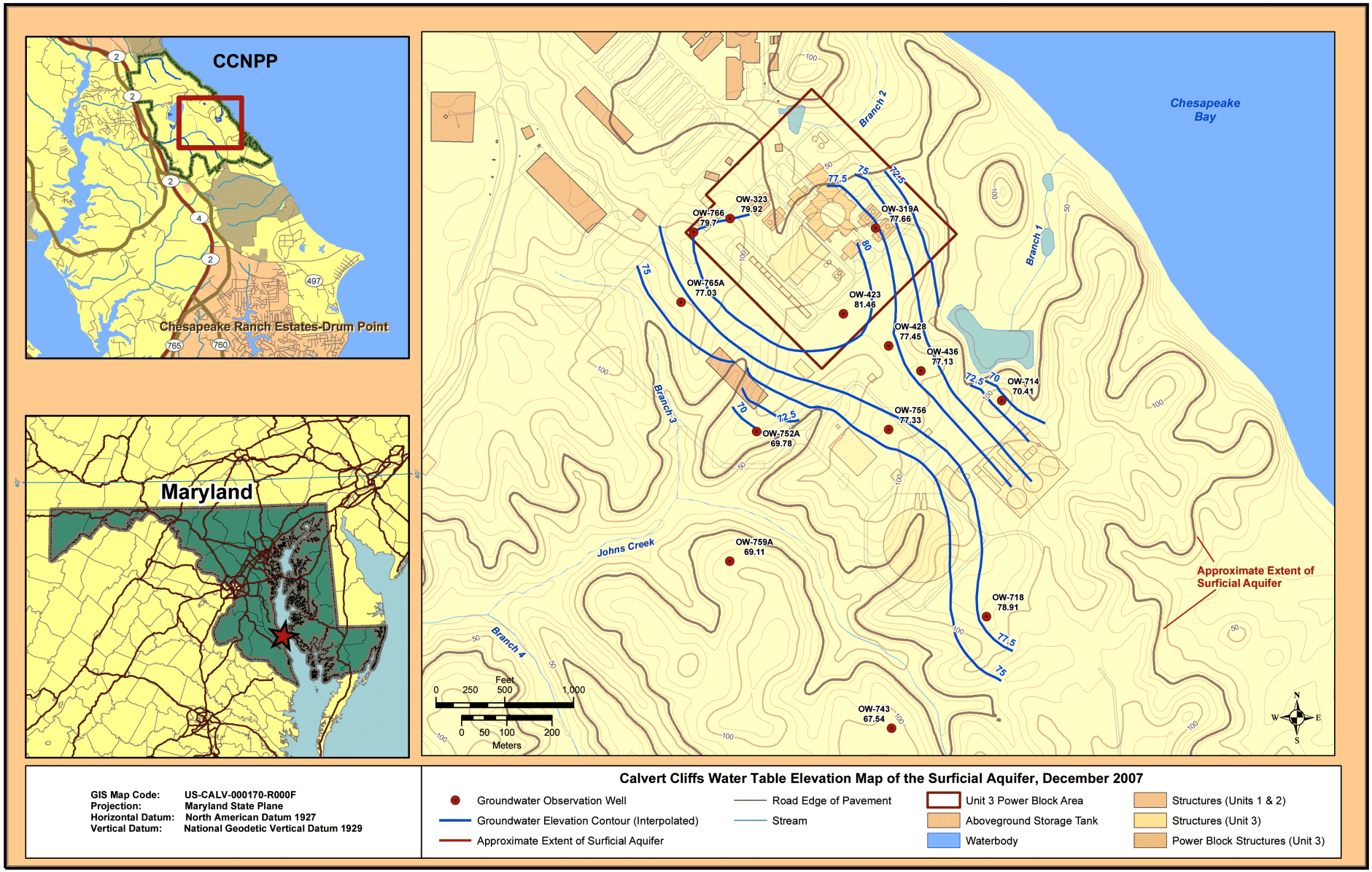
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-118 — {Pathlines from Nuclear Auxiliary Building Obtained from Groundwater Model of Post-Construction Conditions}



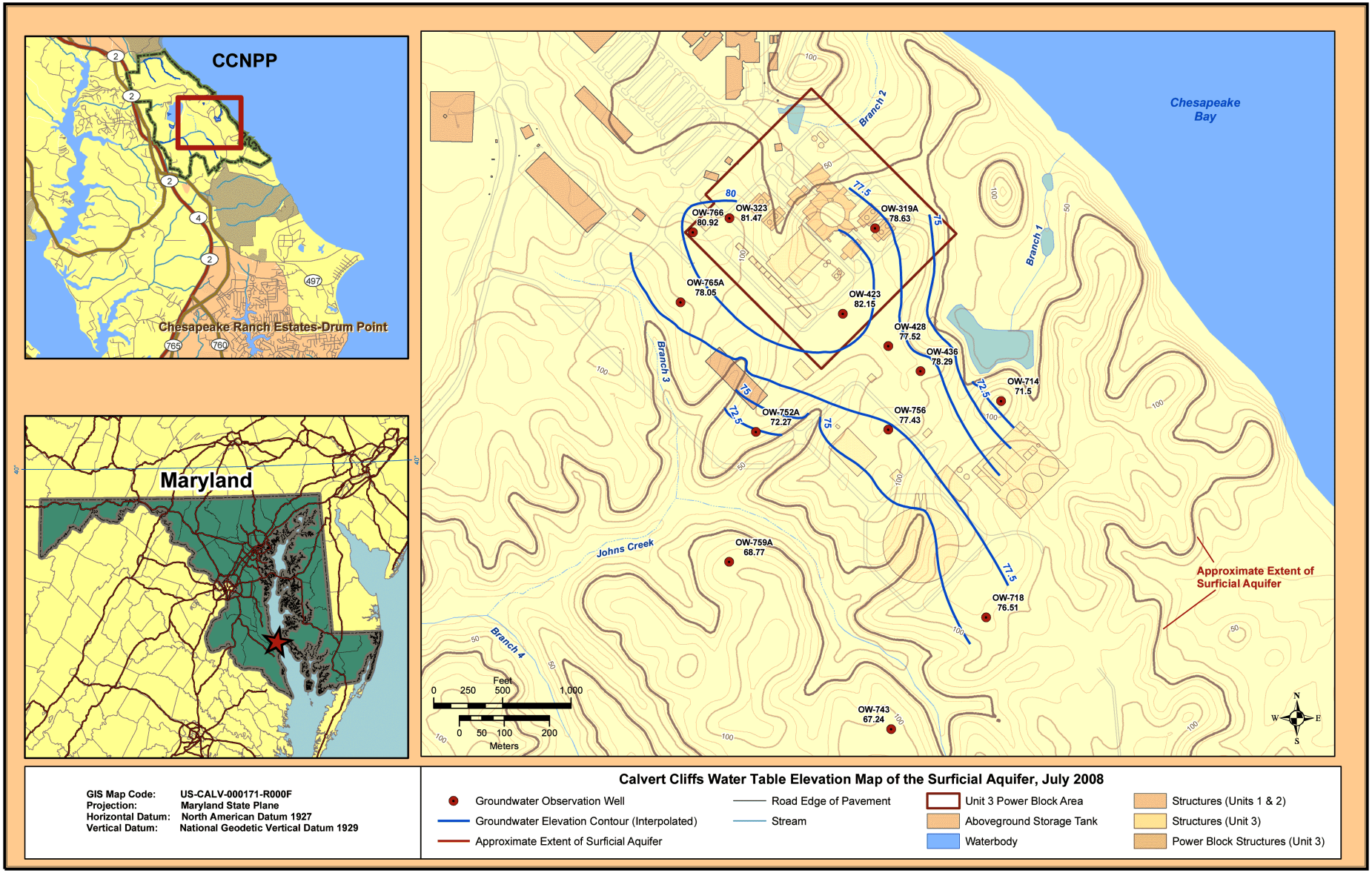
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-119 — {Water Table Elevation Map for the Surficial Aquifer, December 2007}



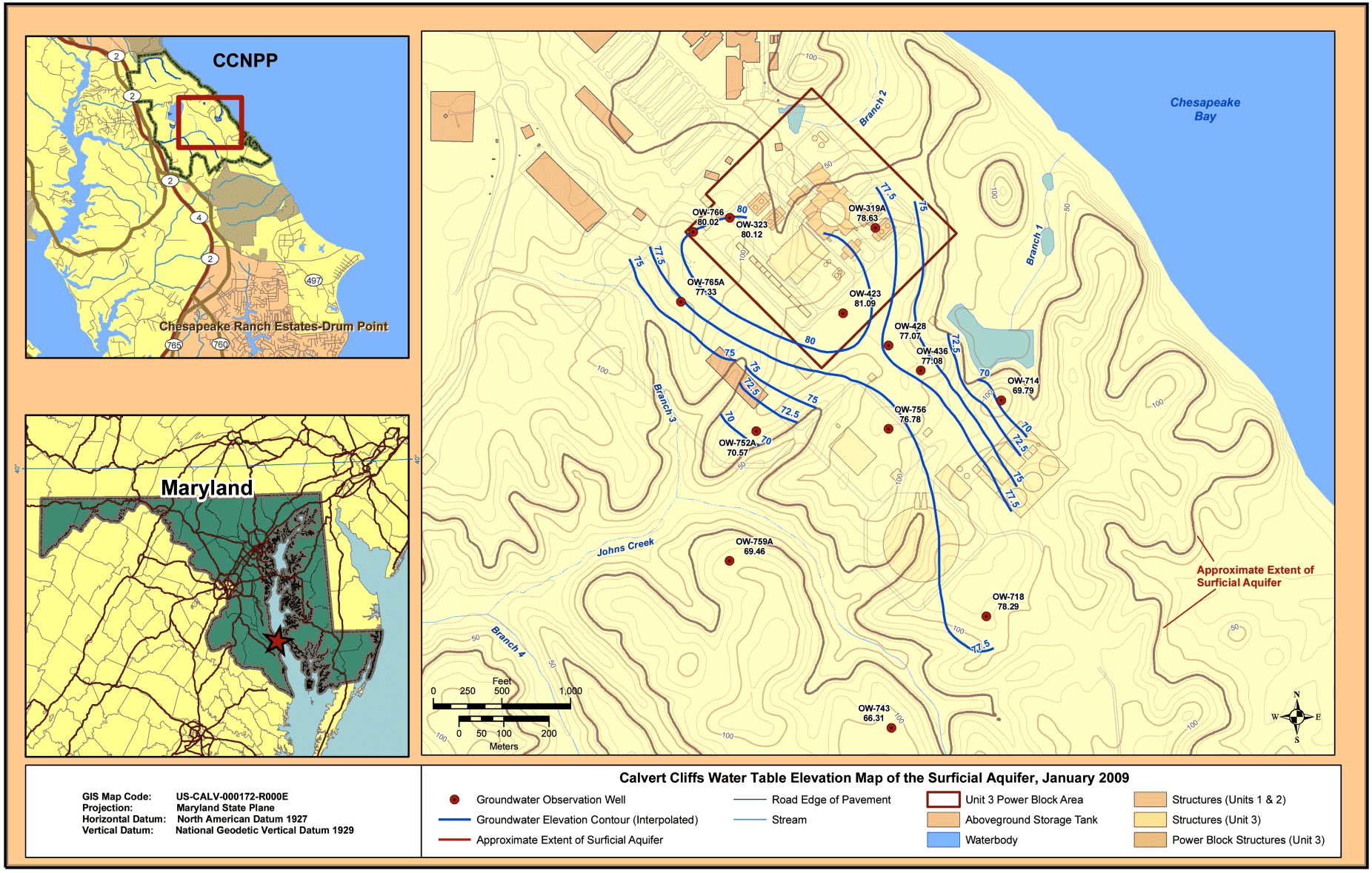
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-120 — {Water Table Elevation Map for the Surficial Aquifer, July 2008}



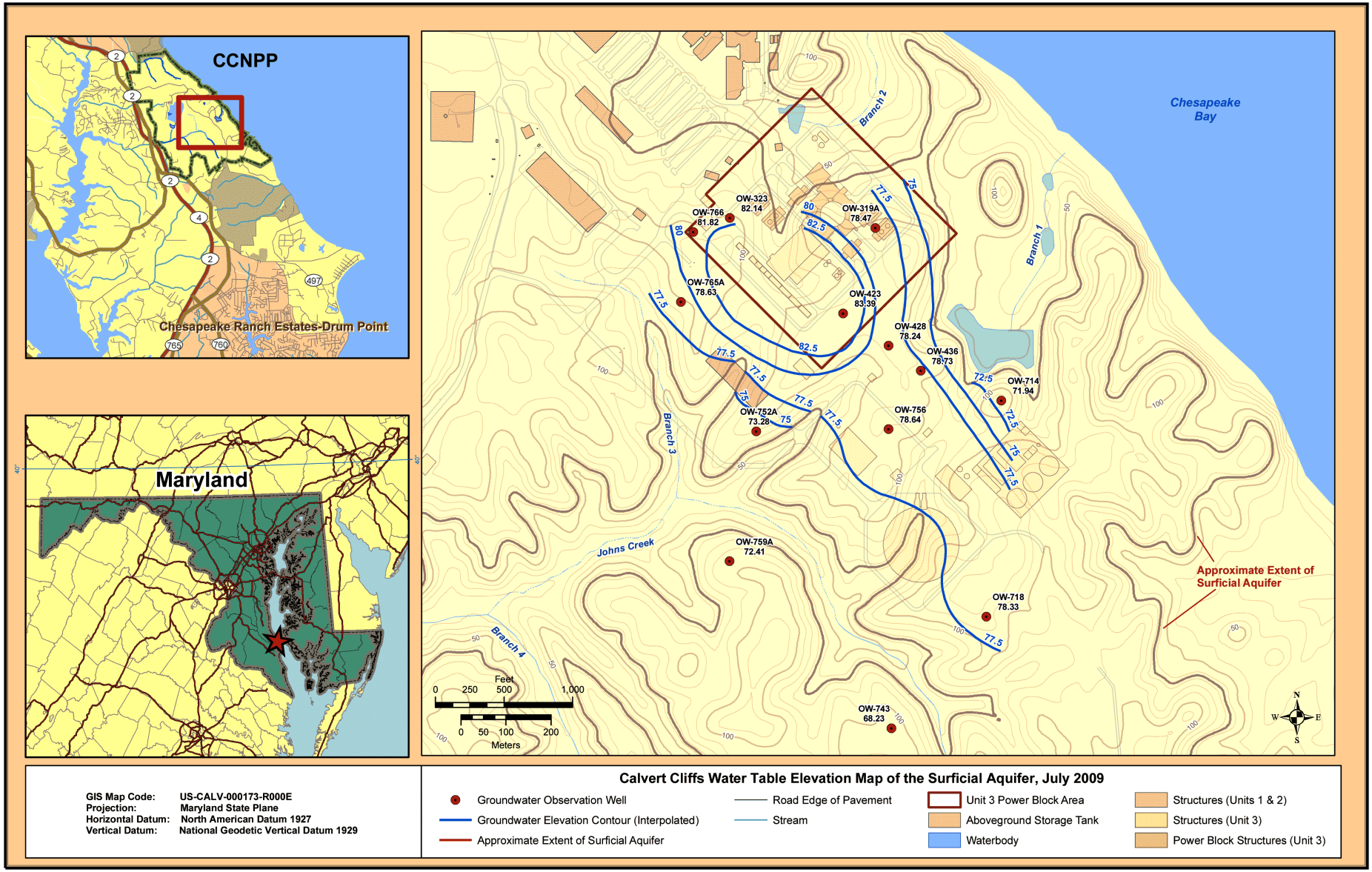
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-121 — {Water Table Elevation Map for the Surficial Aquifer, January 2009}



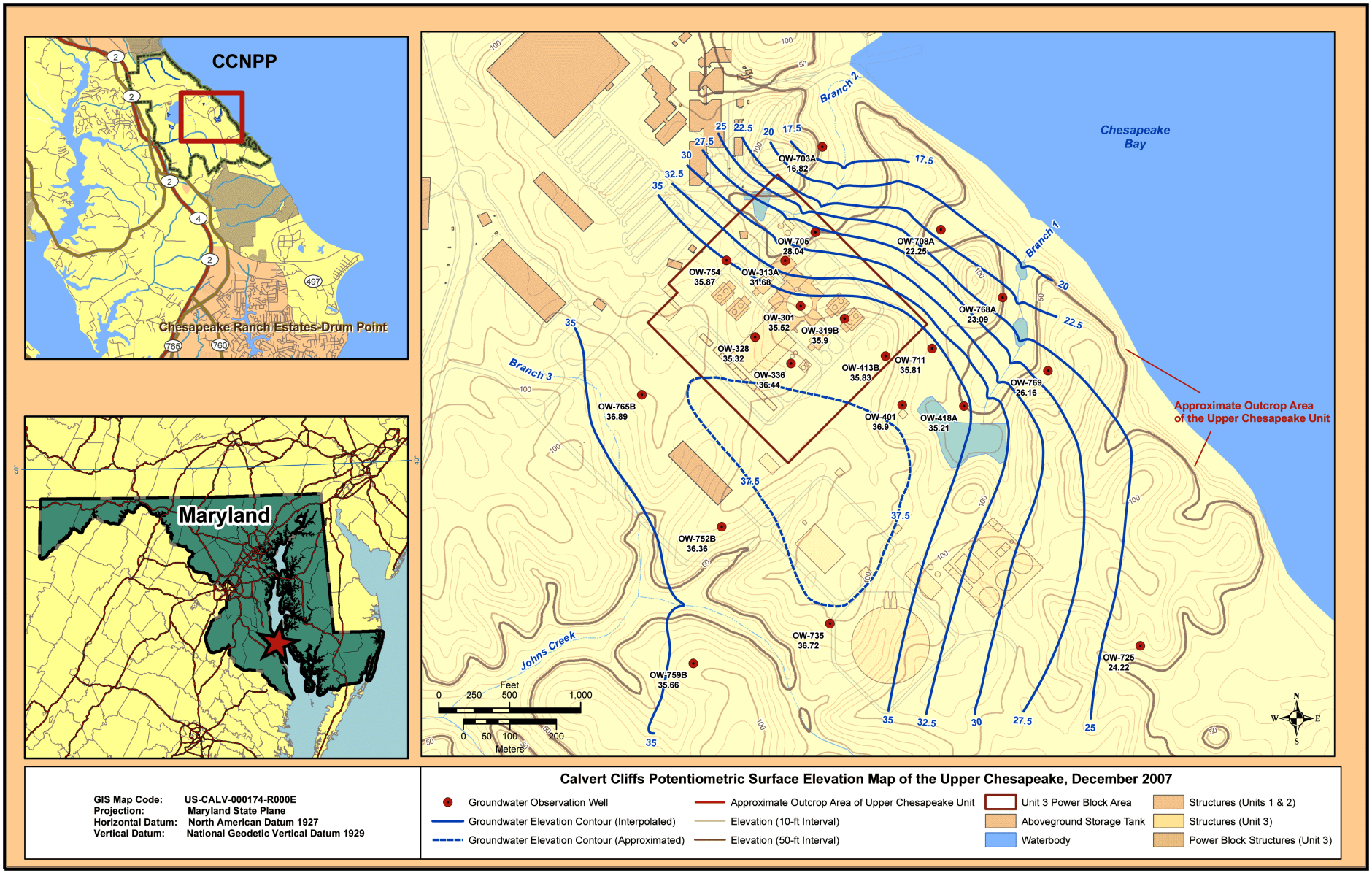
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-122 — {Water Table Elevation Map for the Surficial Aquifer, July 2009}



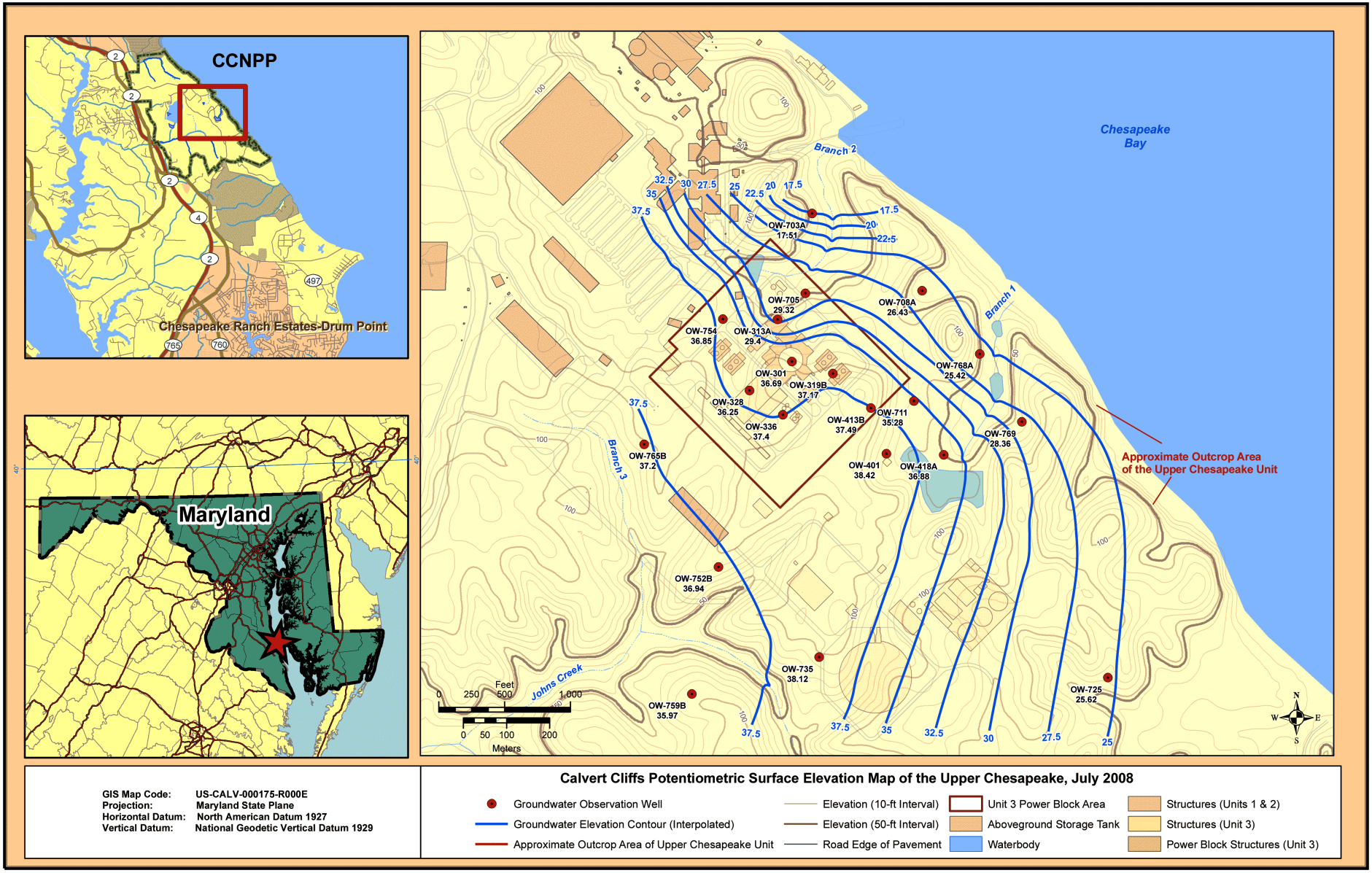
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-123 — {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, December 2007}



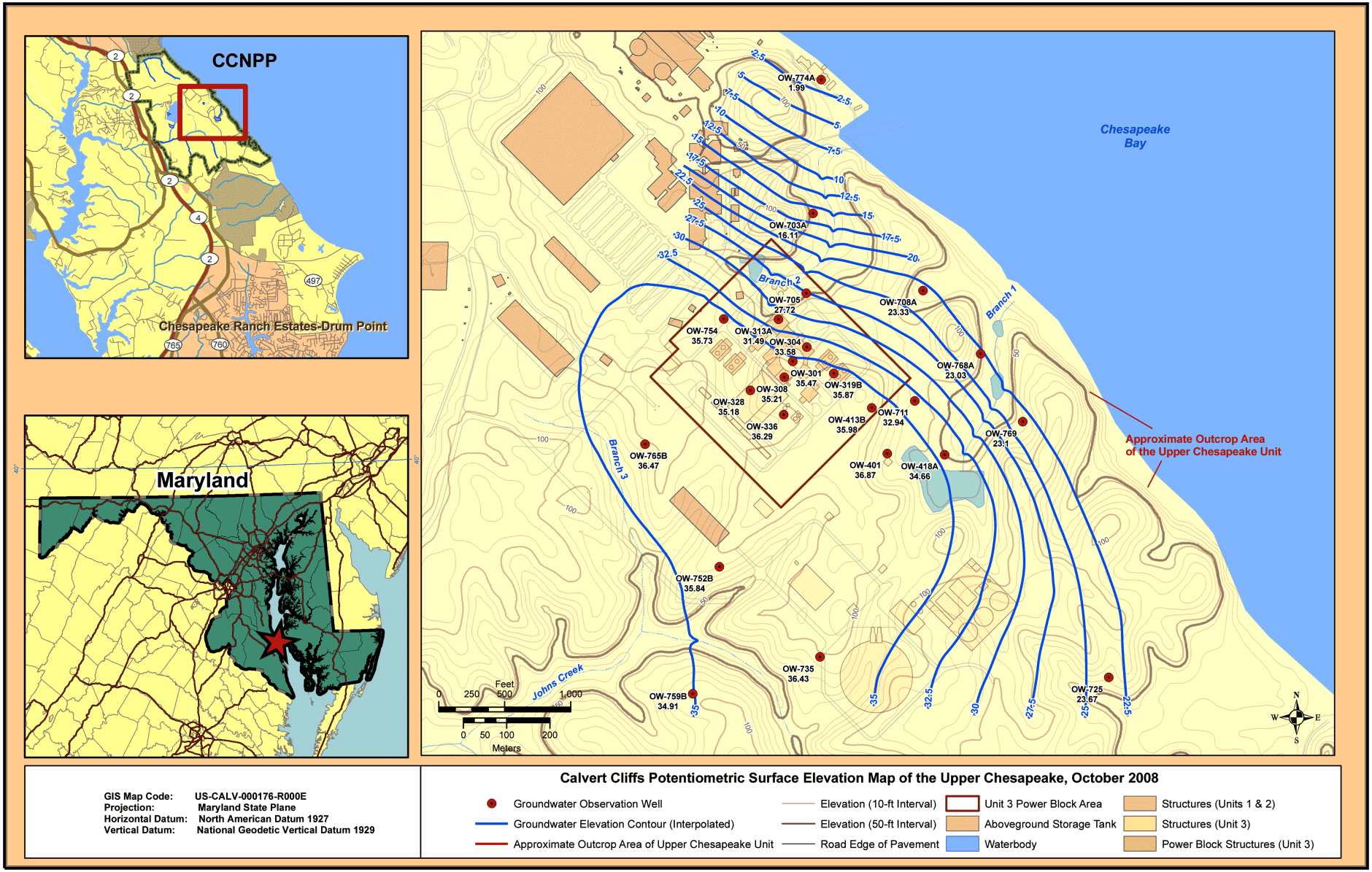
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-124 — {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, July 2008}



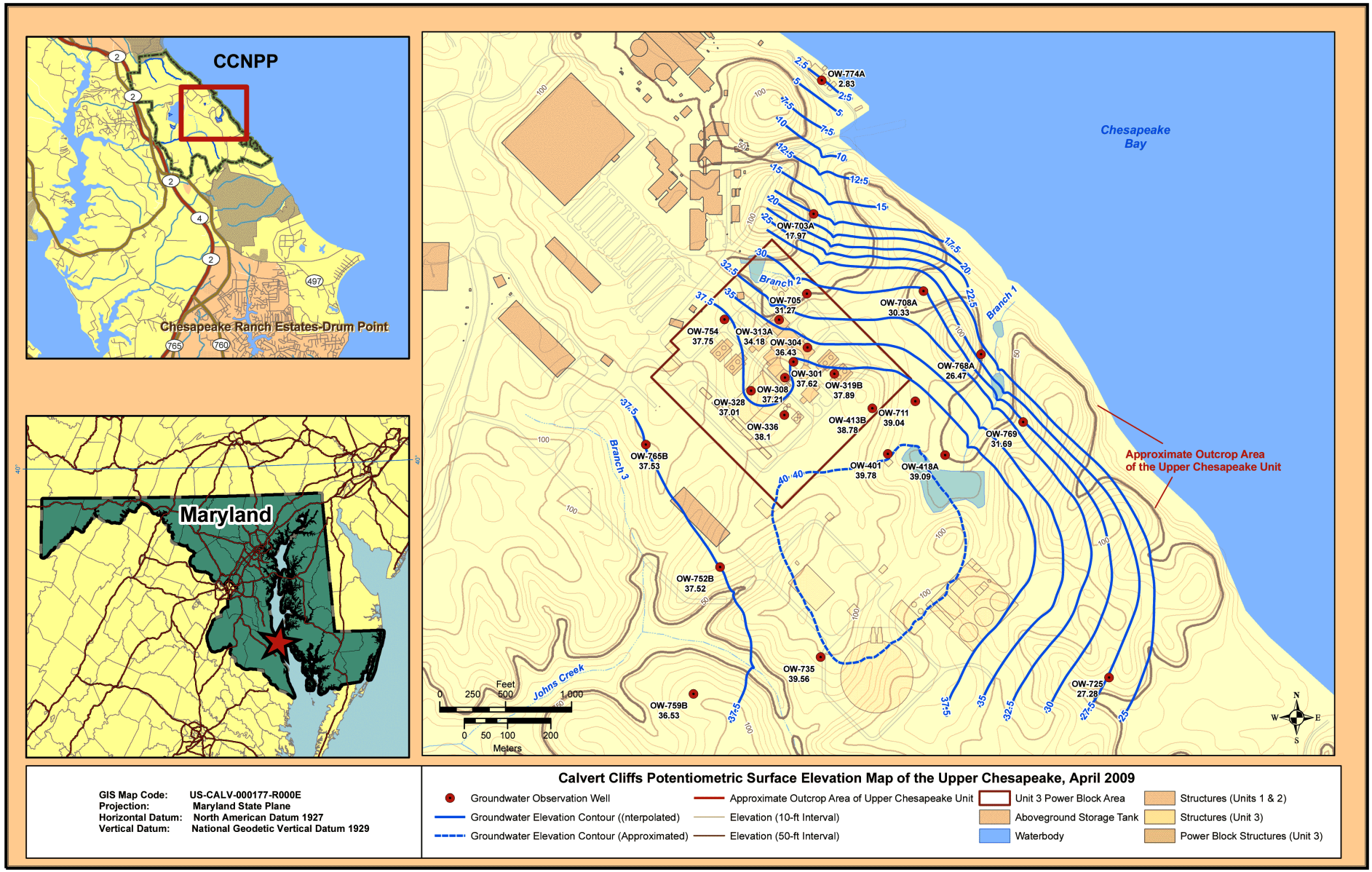
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-125 — {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, October 2008}



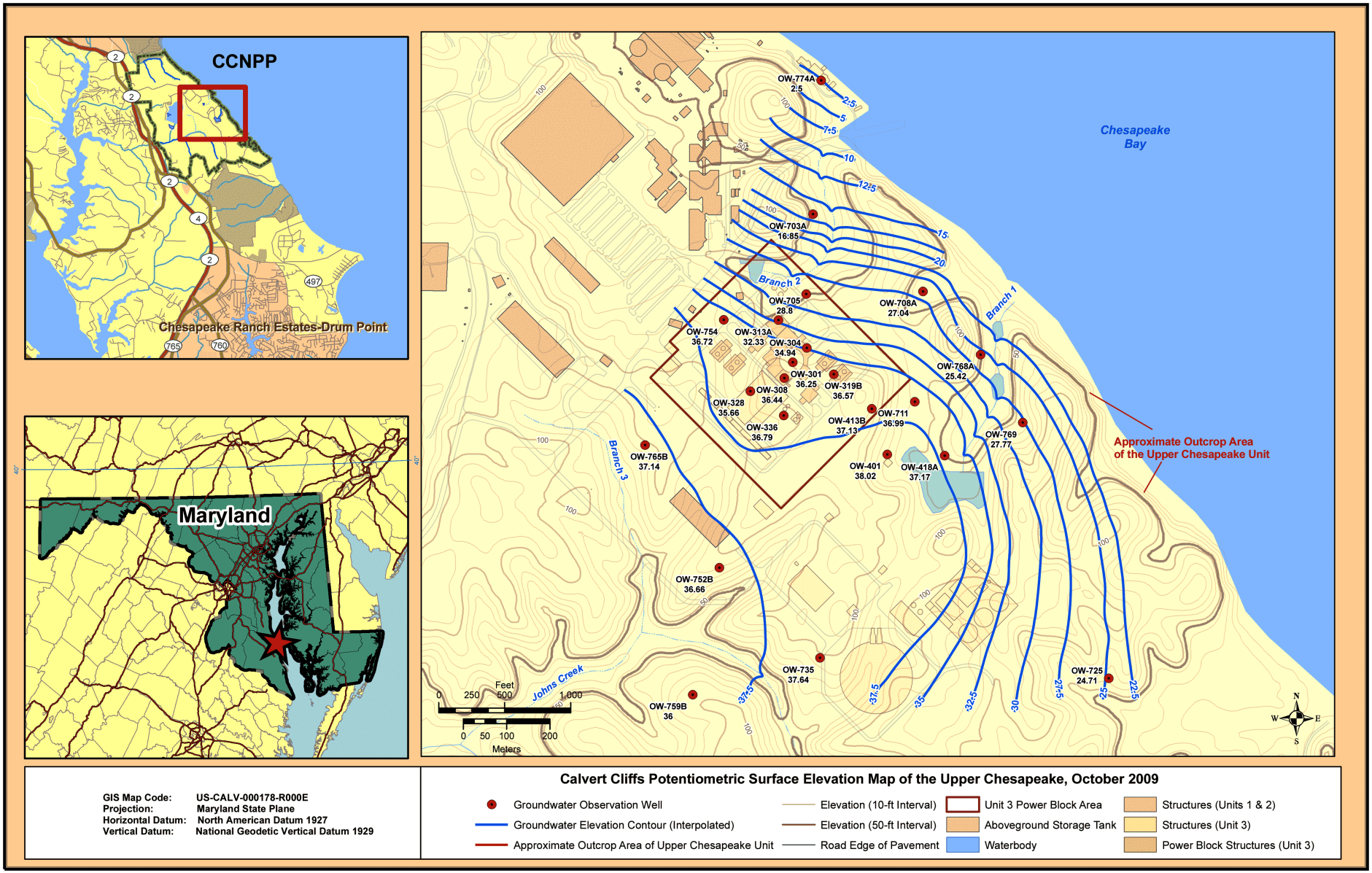
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-126 — {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, April 2009}



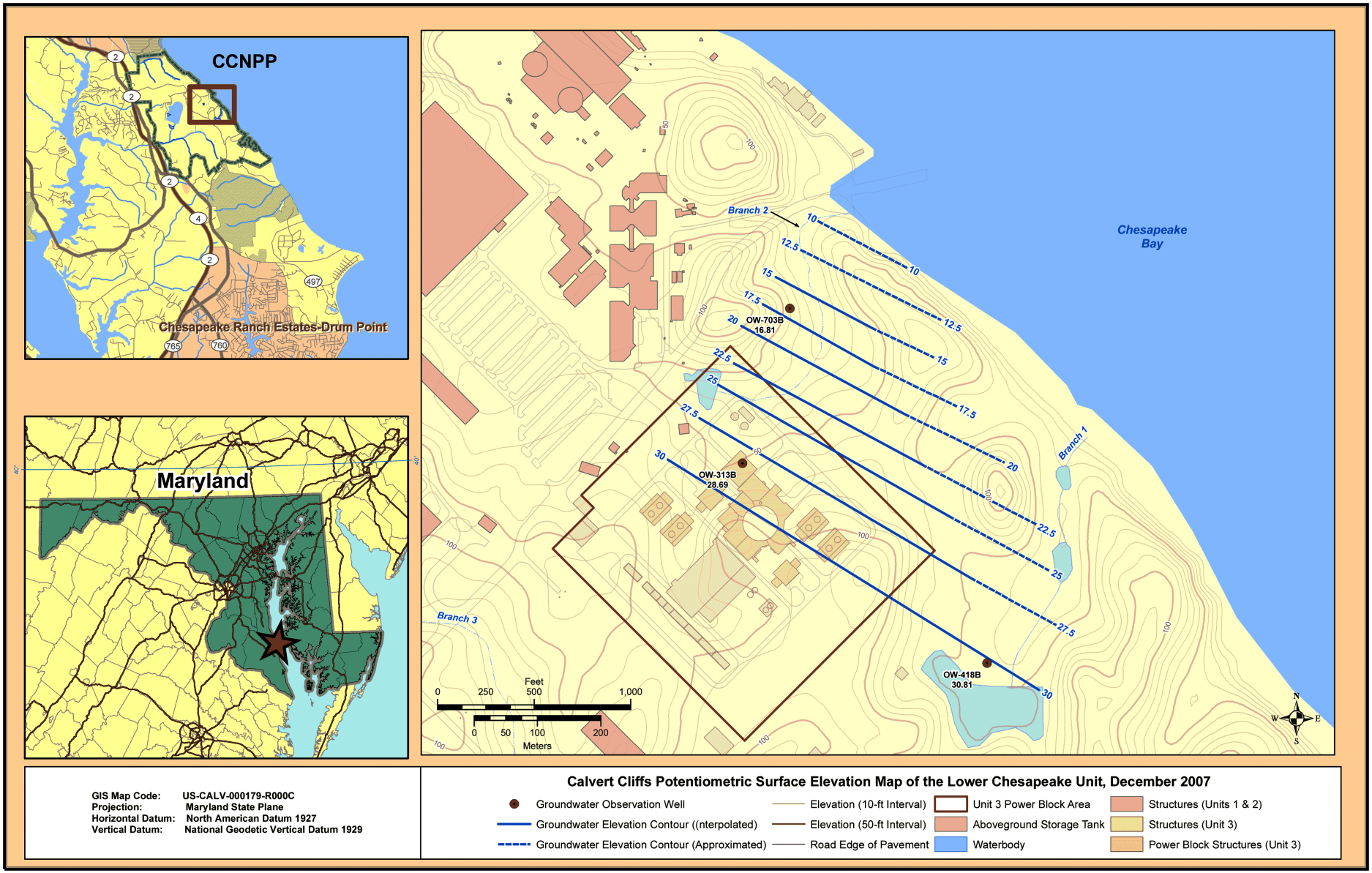
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-127 — {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, October 2009}



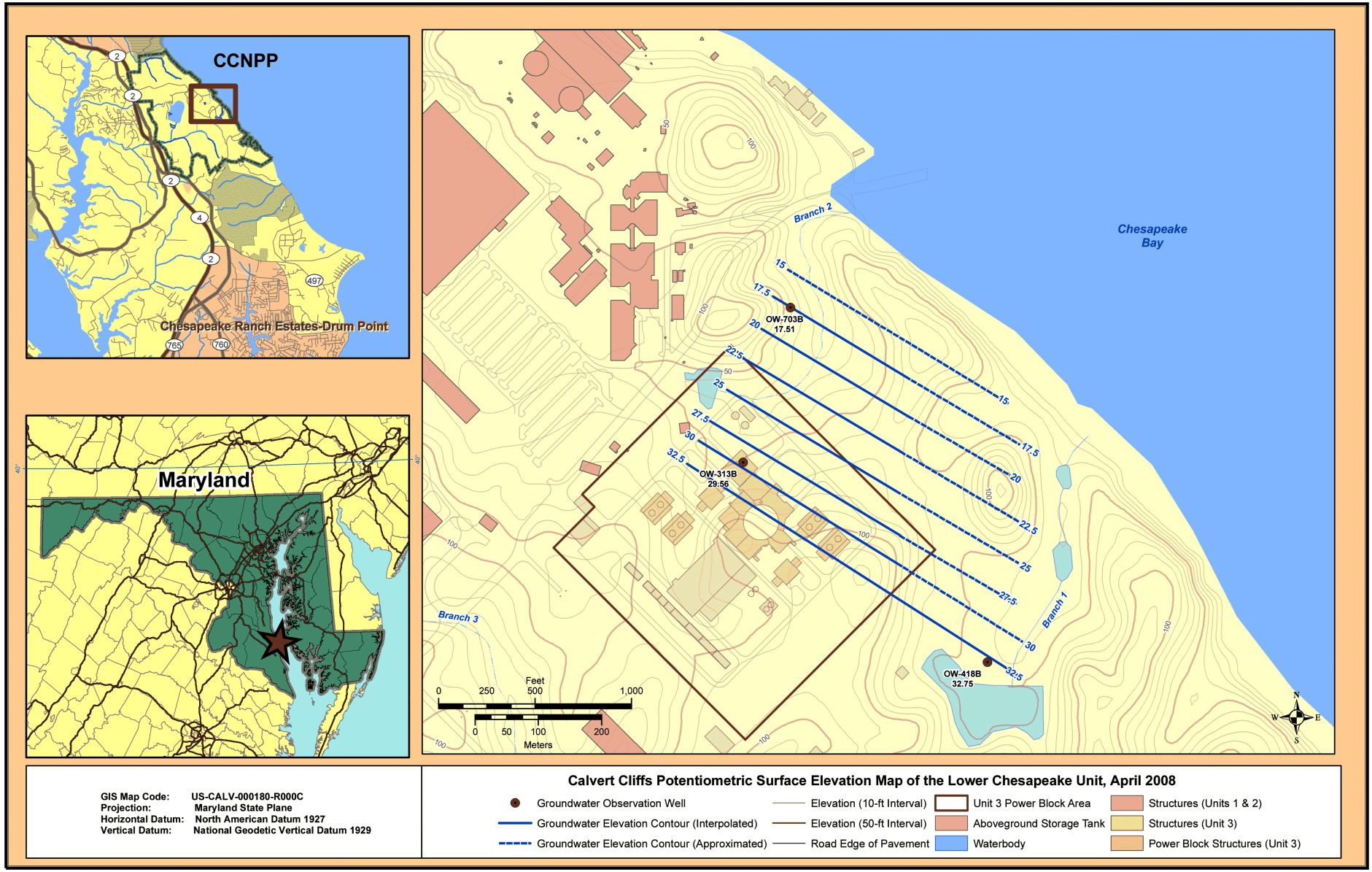
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-128 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, December 2007}



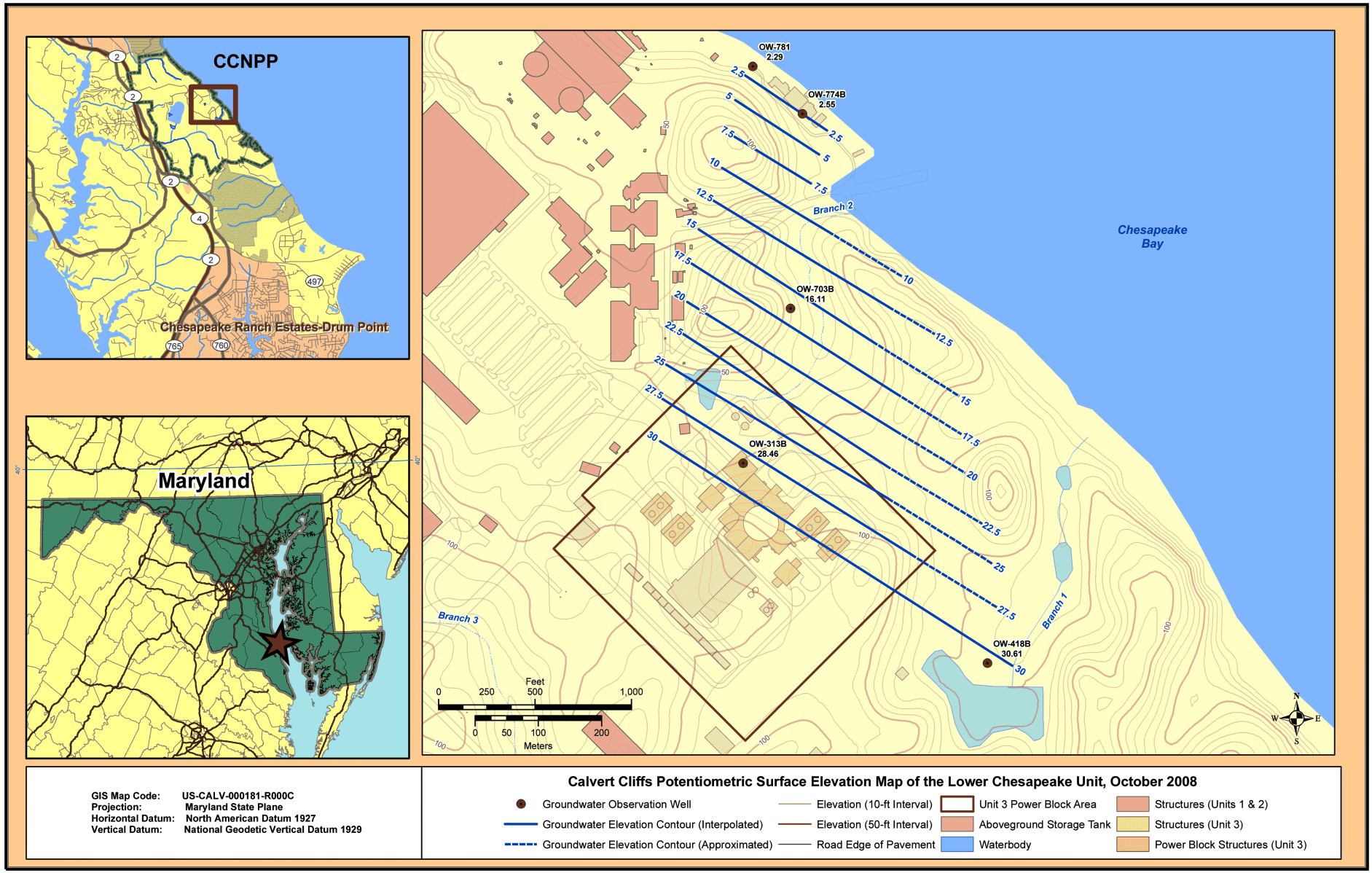
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-129 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, April 2008}



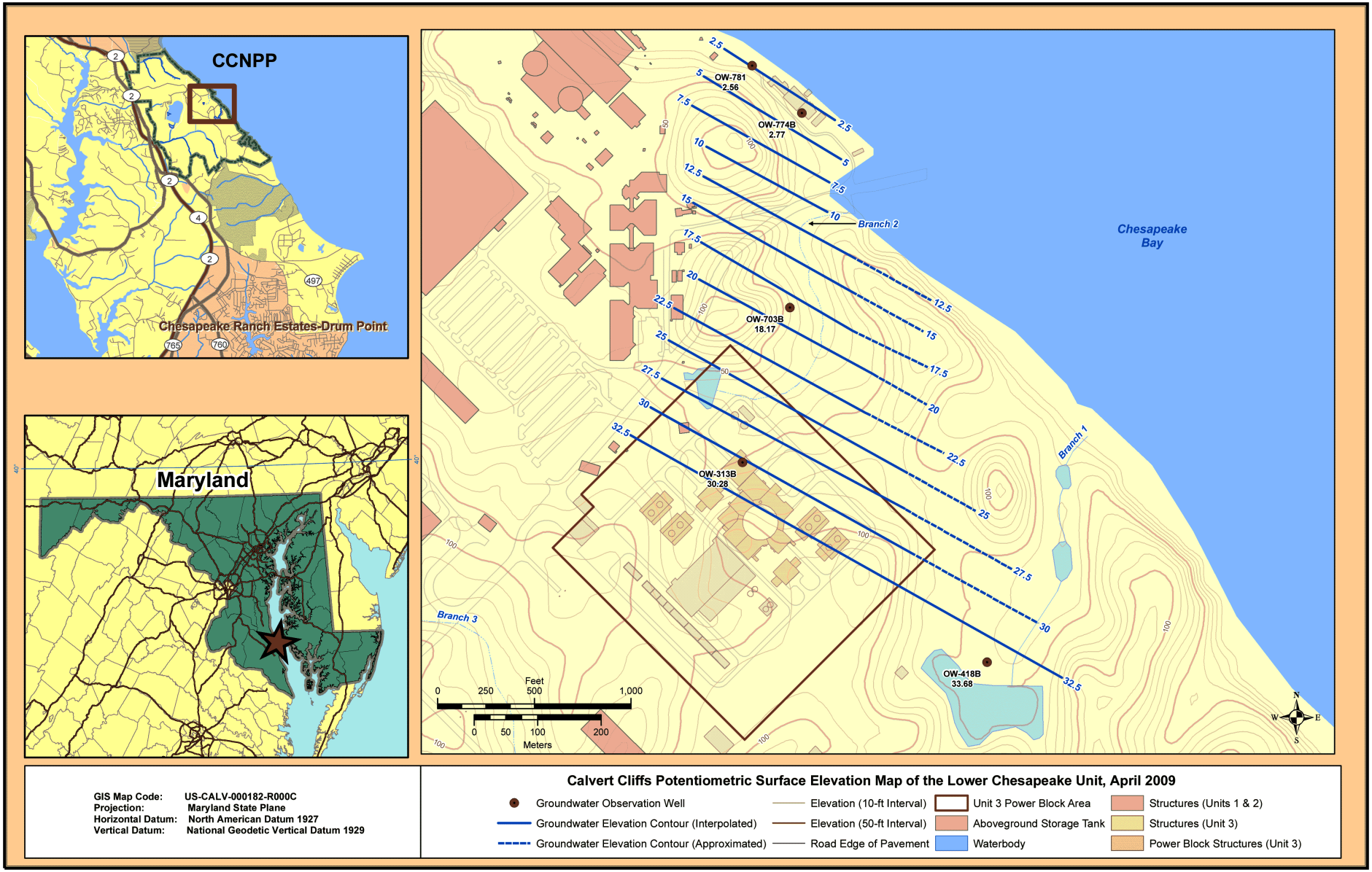
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-130 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, October 2008}



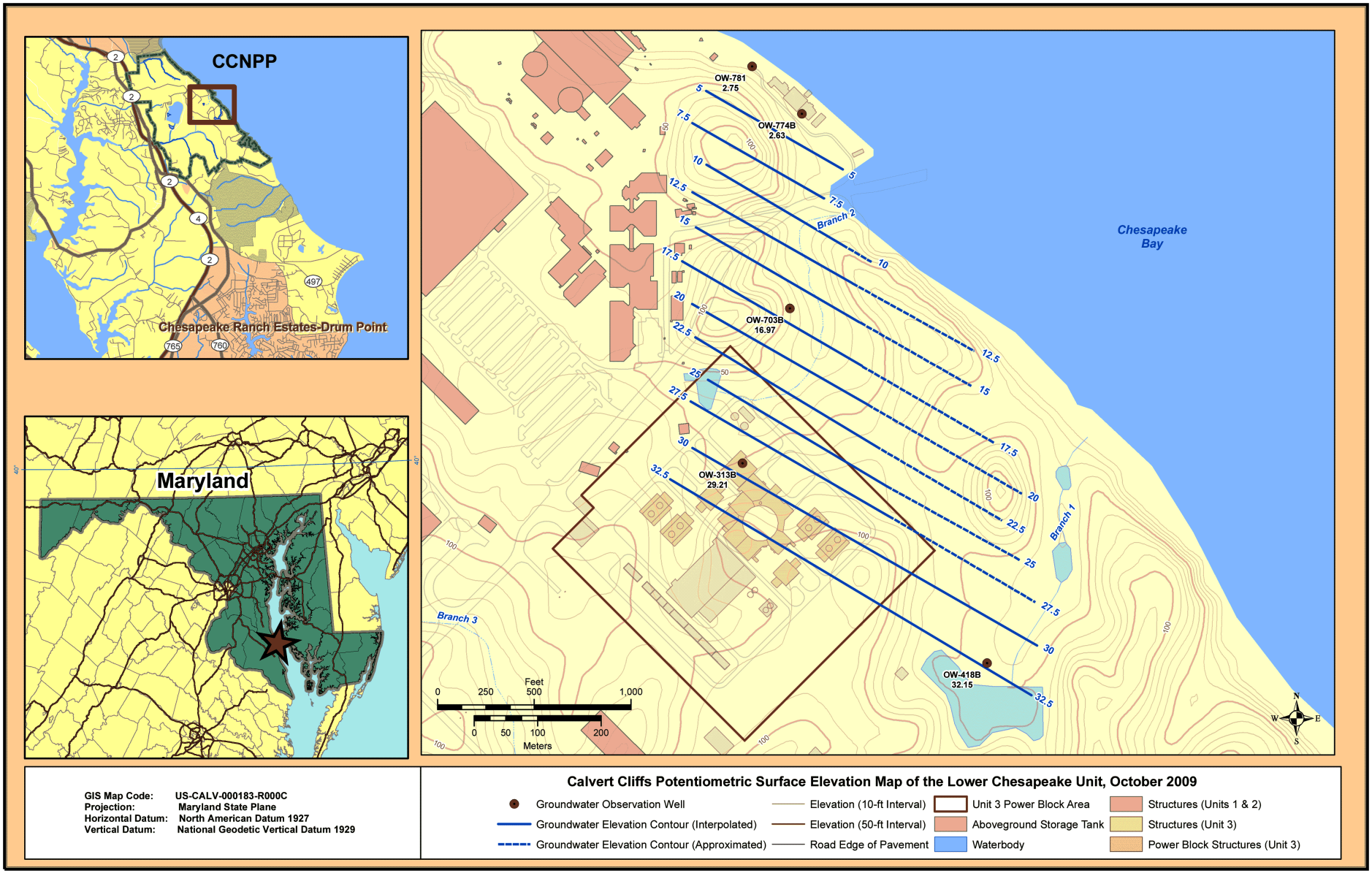
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-131 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, April 2009}



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

Figure 2.4-132 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, October 2009}



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

Figure 2.4-133 — {Chesapeake Bay Digital Elevation Model from NOAA}

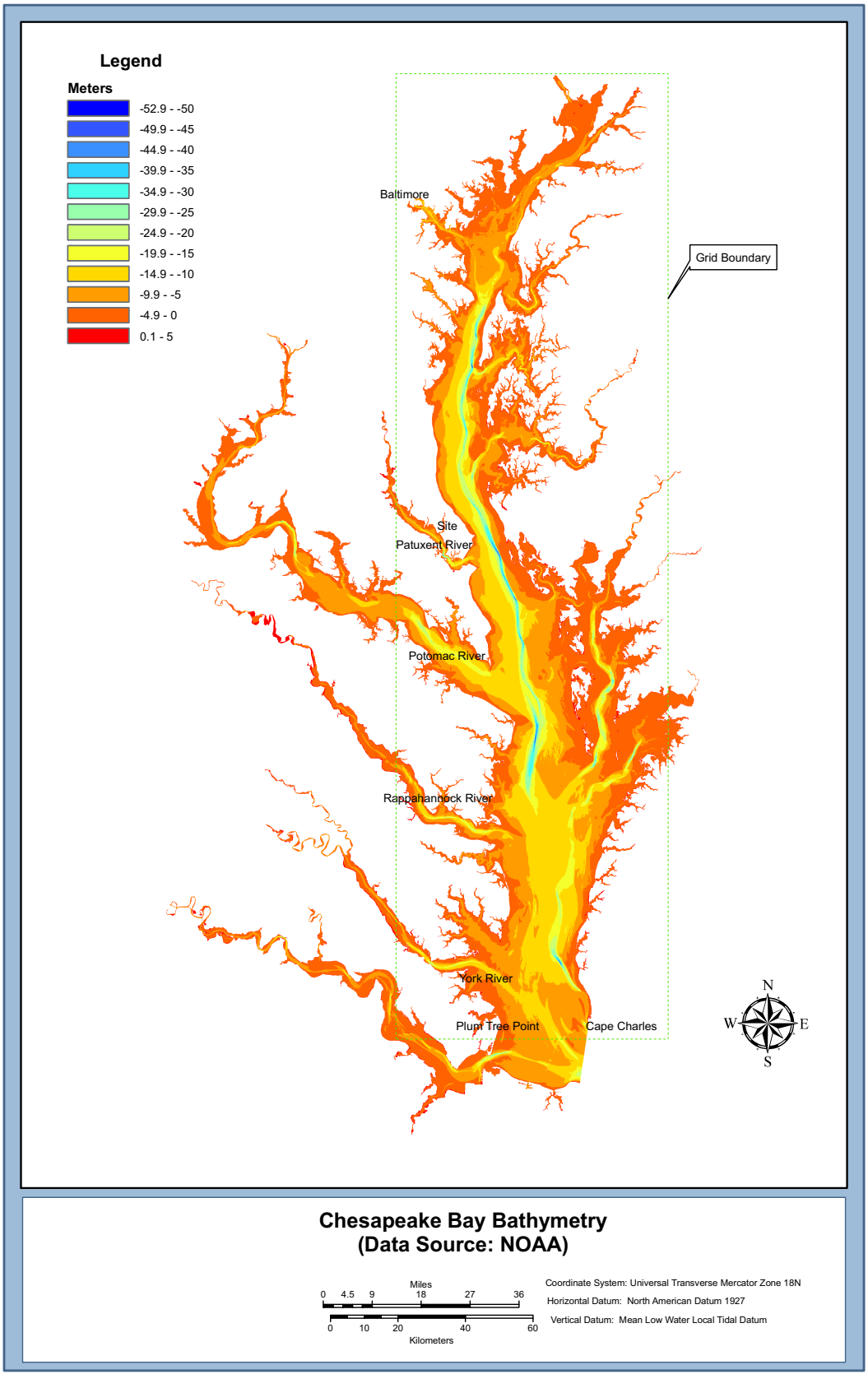


Figure 2.4-134 — {Comparison of Simulated Water Levels at the Site for Different Grid Sizes for Case 1, Nonlinear Model}

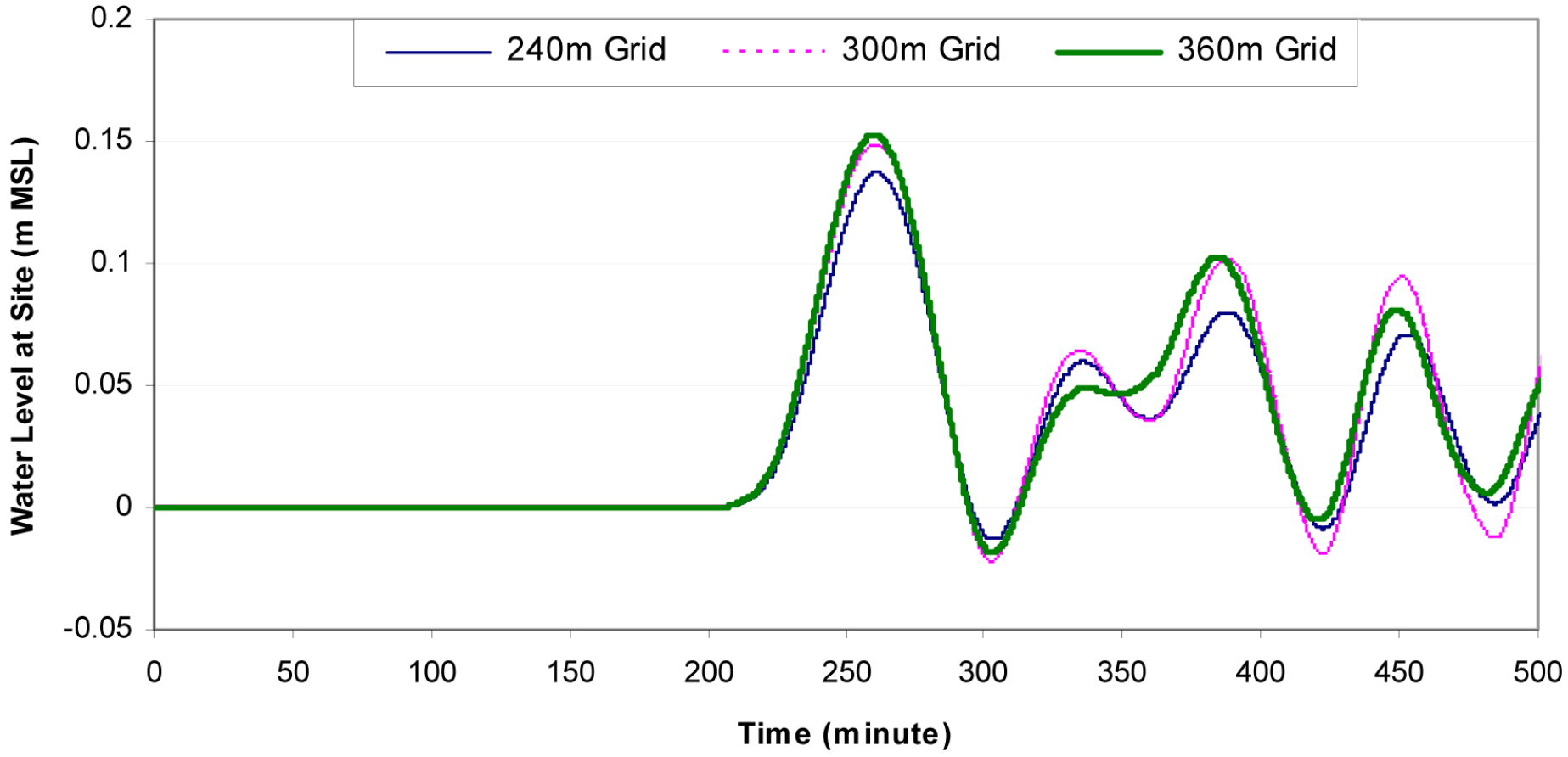


Figure 2.4-135 — {Water Levels along Internal Boundary for Case 1, Linear Model}

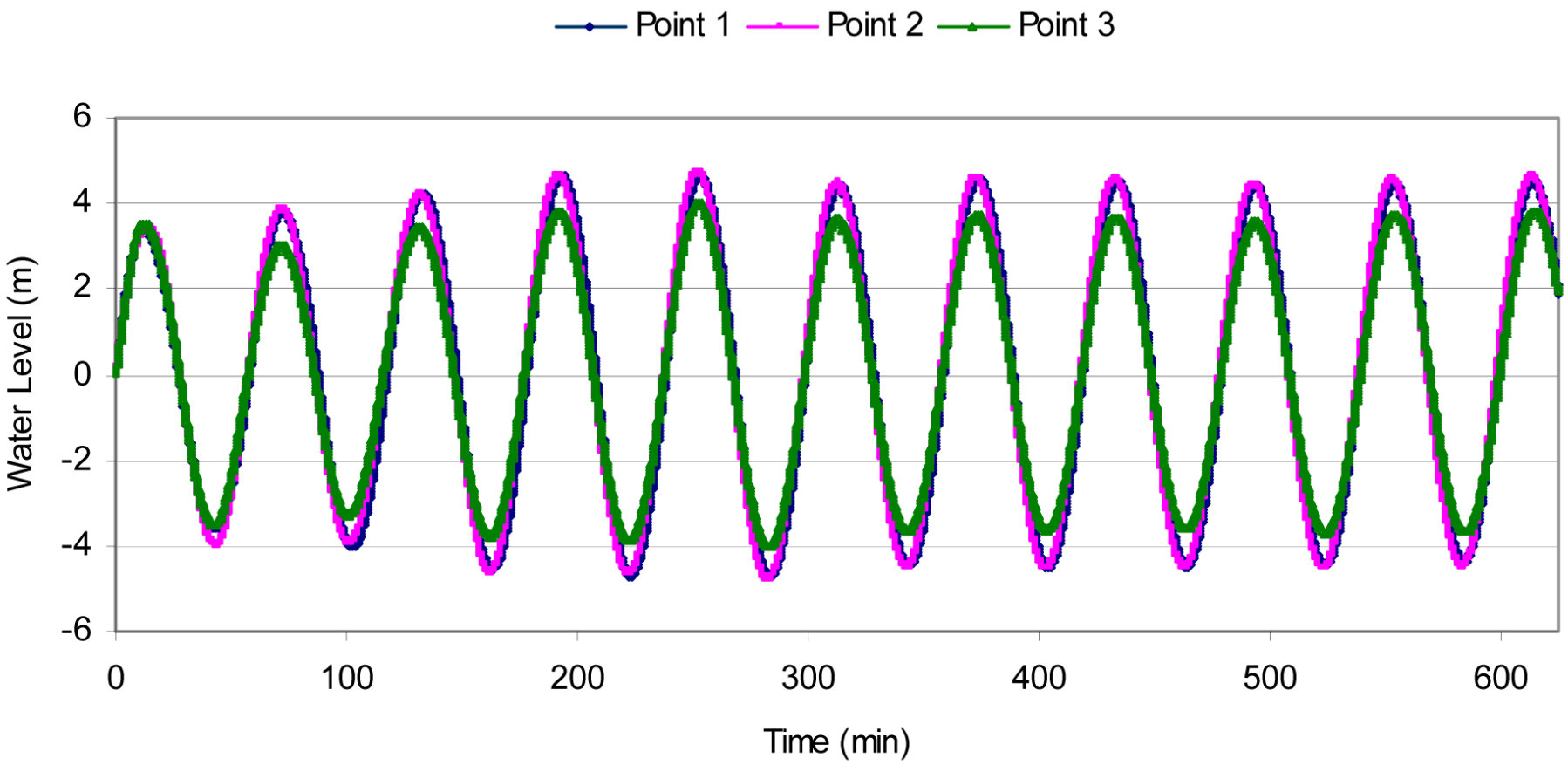


Figure 2.4-136 — {Water Levels along Internal Boundary for Case 2, Linear Model}

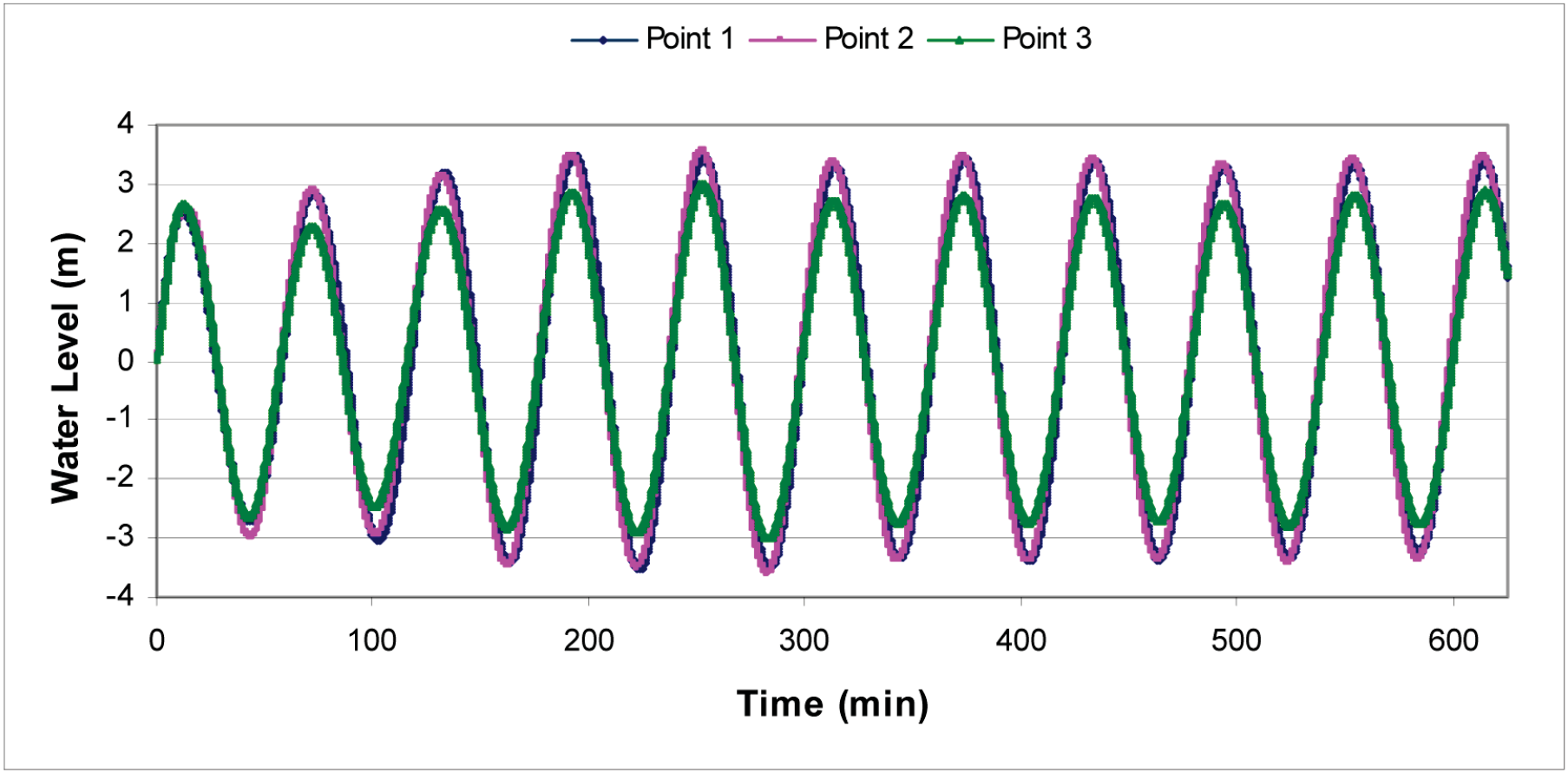


Figure 2.4-137 — {Contour of Maximum Water Levels for Case 1, Nonlinear Model}

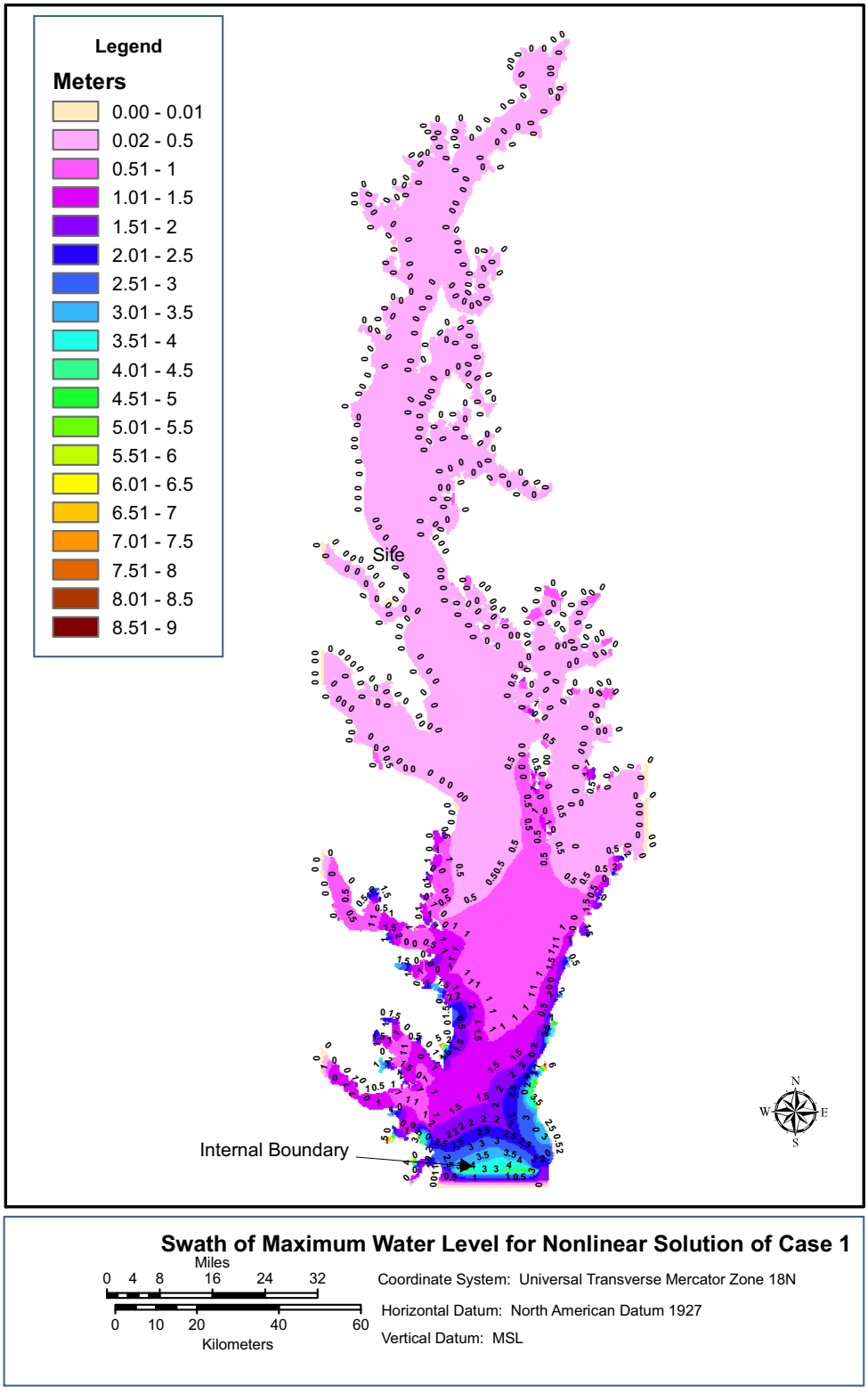


Figure 2.4-138 — Contour of Maximum Water Levels for Case 1, Linear Model}

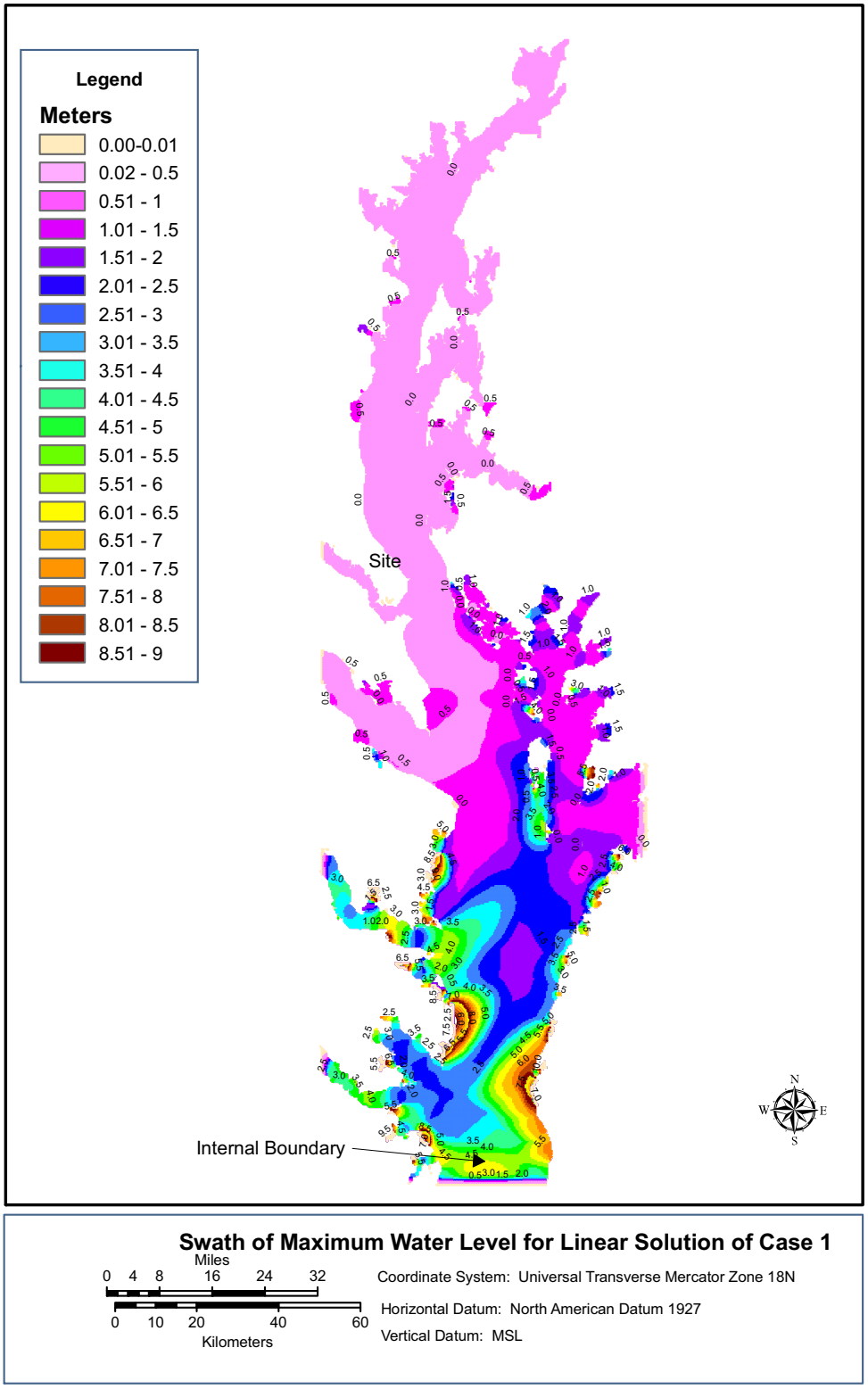


Figure 2.4-139 — {Time History of Tsunami Water Levels at Site for Different Cutoff Depths, Case 1, Nonlinear Option}

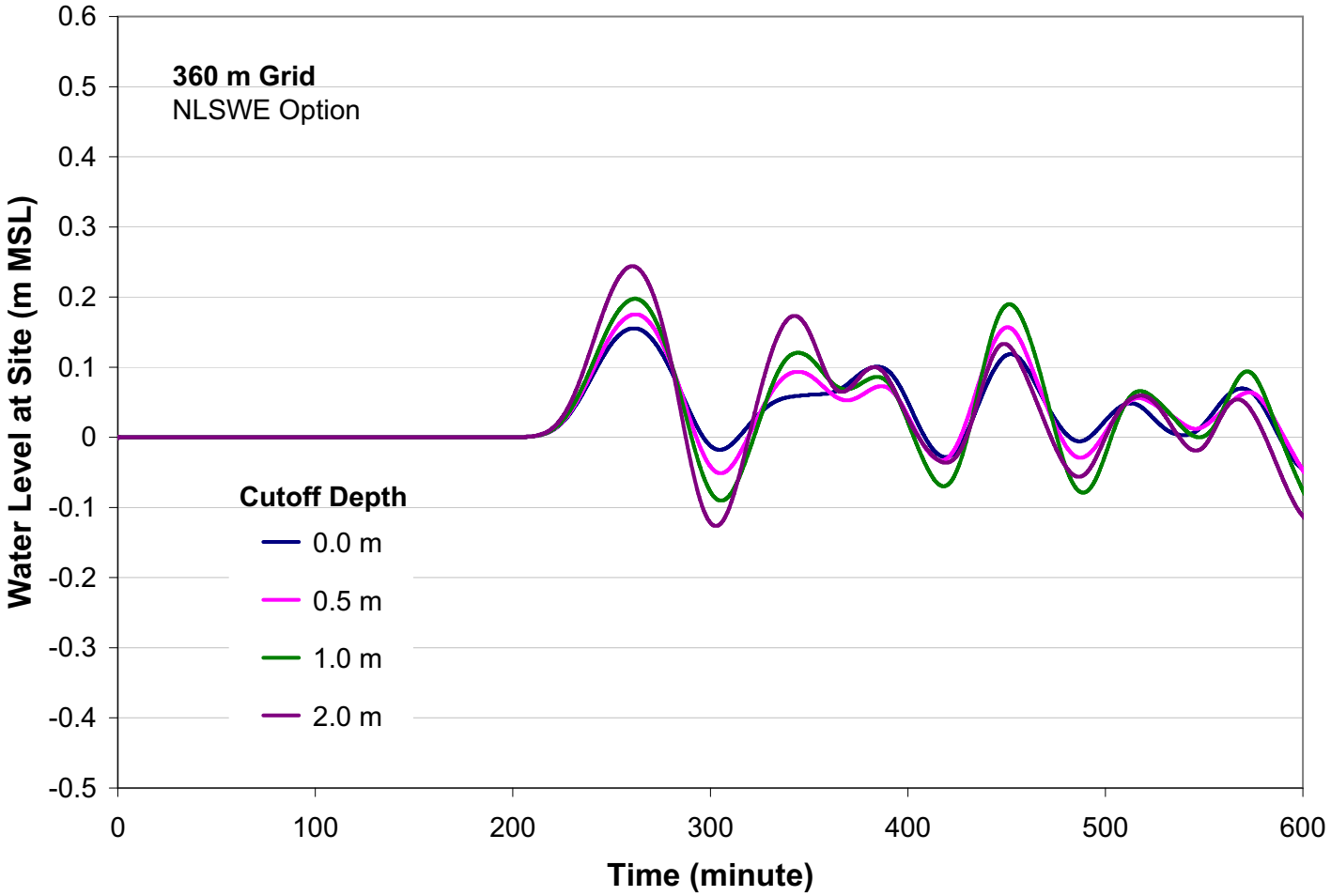


Figure 2.4-140 — {Time History of Tsunami Water Levels at Site for Different Cutoff Depths, Case 1, Linear Option}