

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

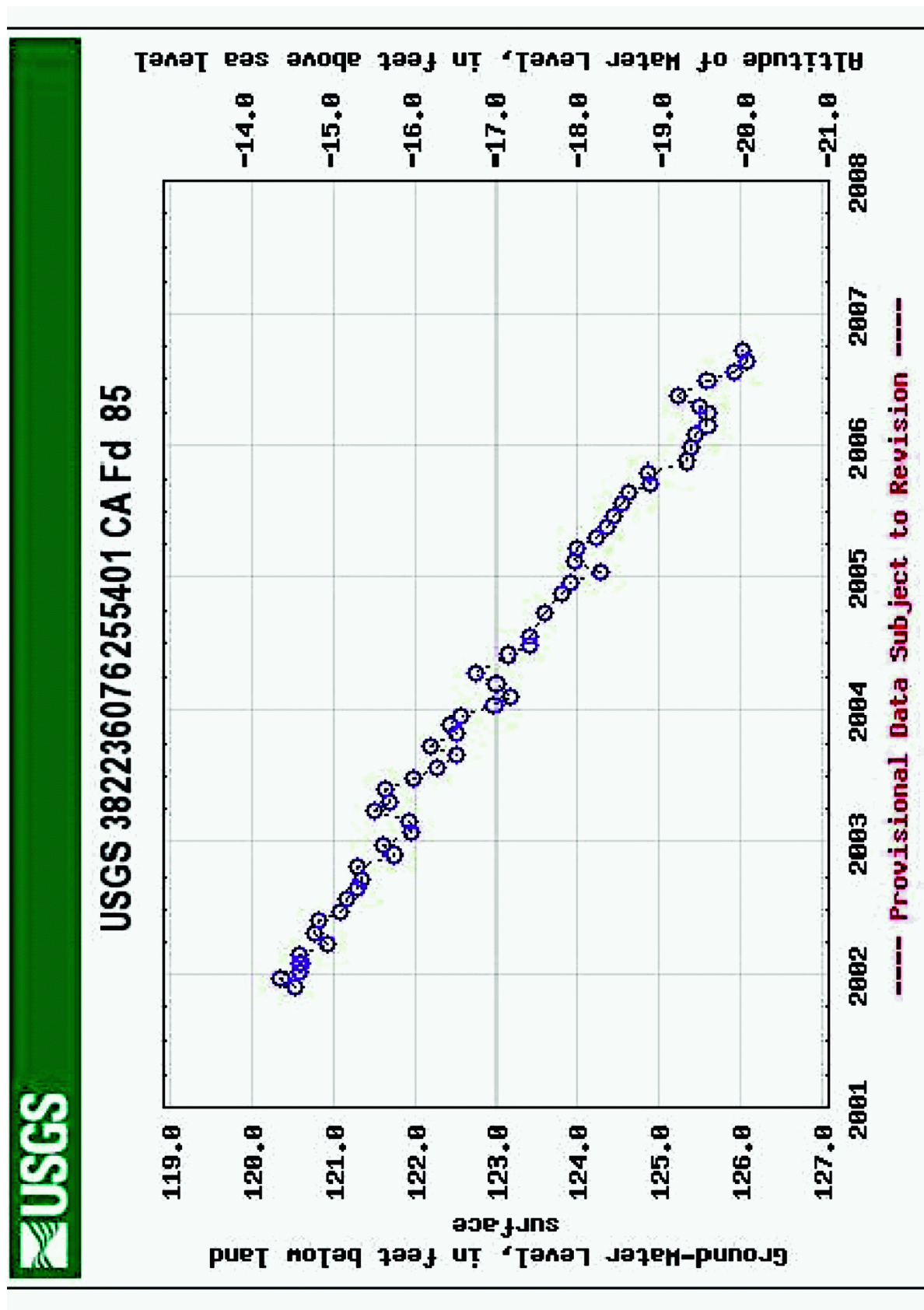
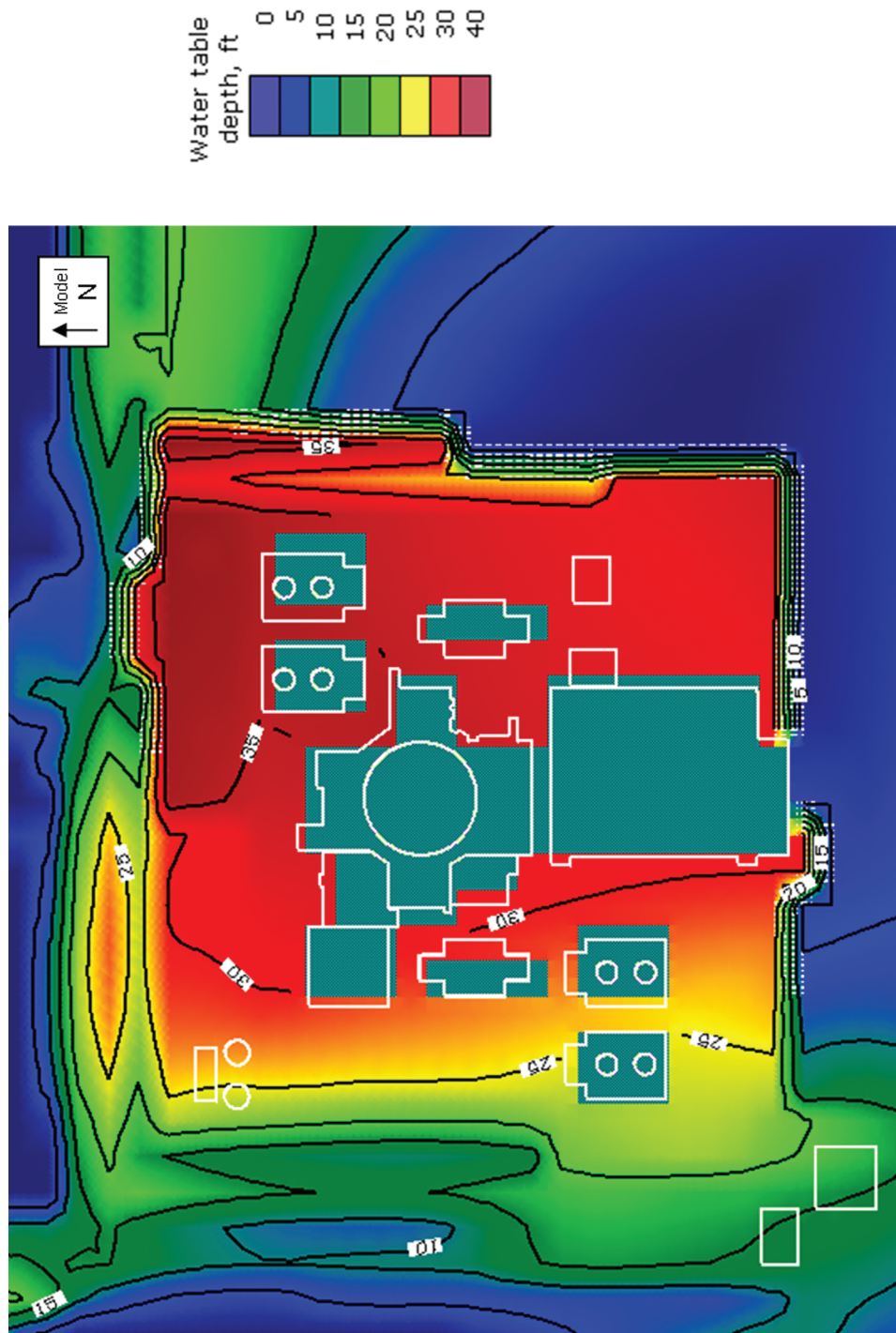
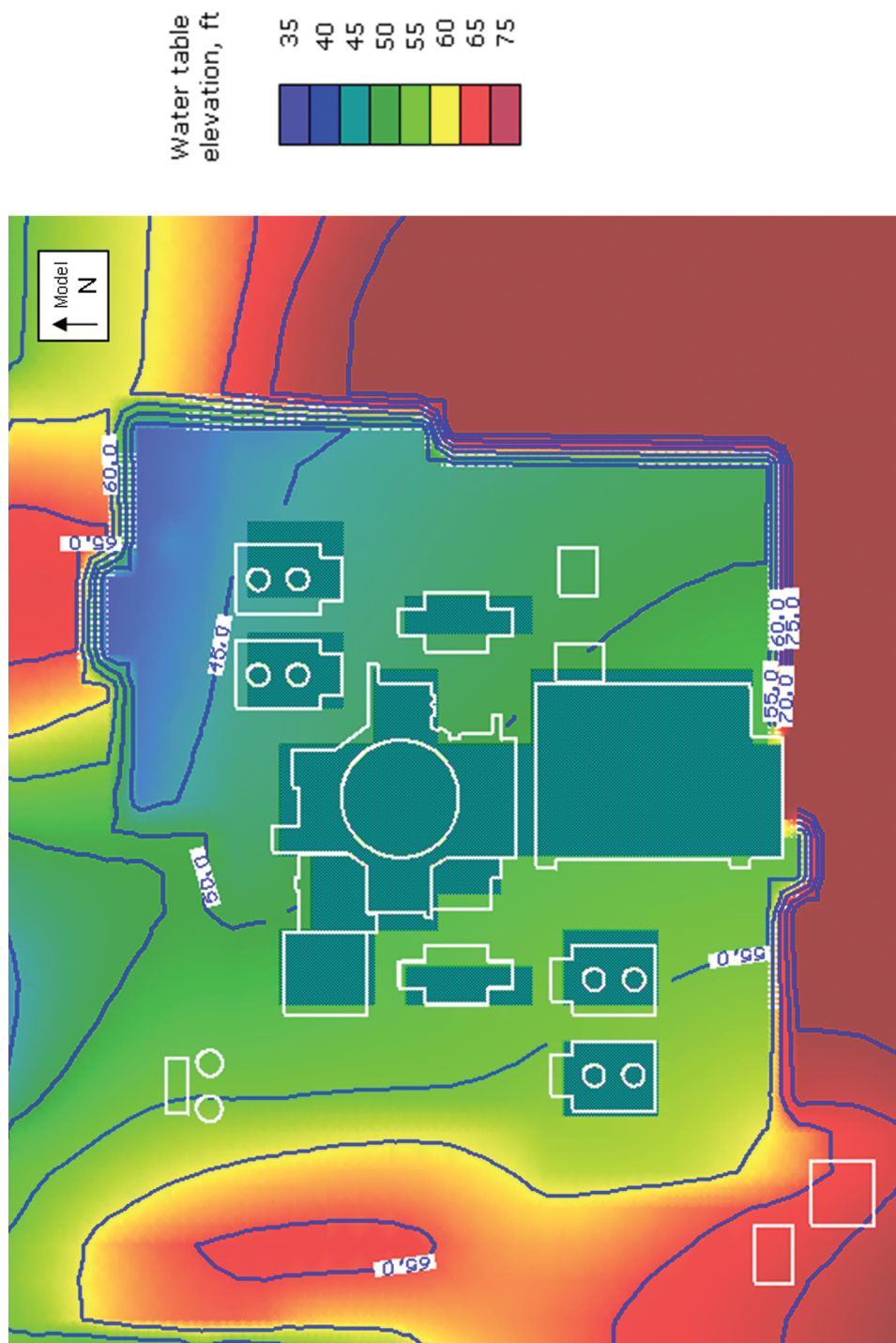


Figure 2.4-95— {Modeled Post-Construction Depth to the Water Table around the Unit 3 Power Block Area}



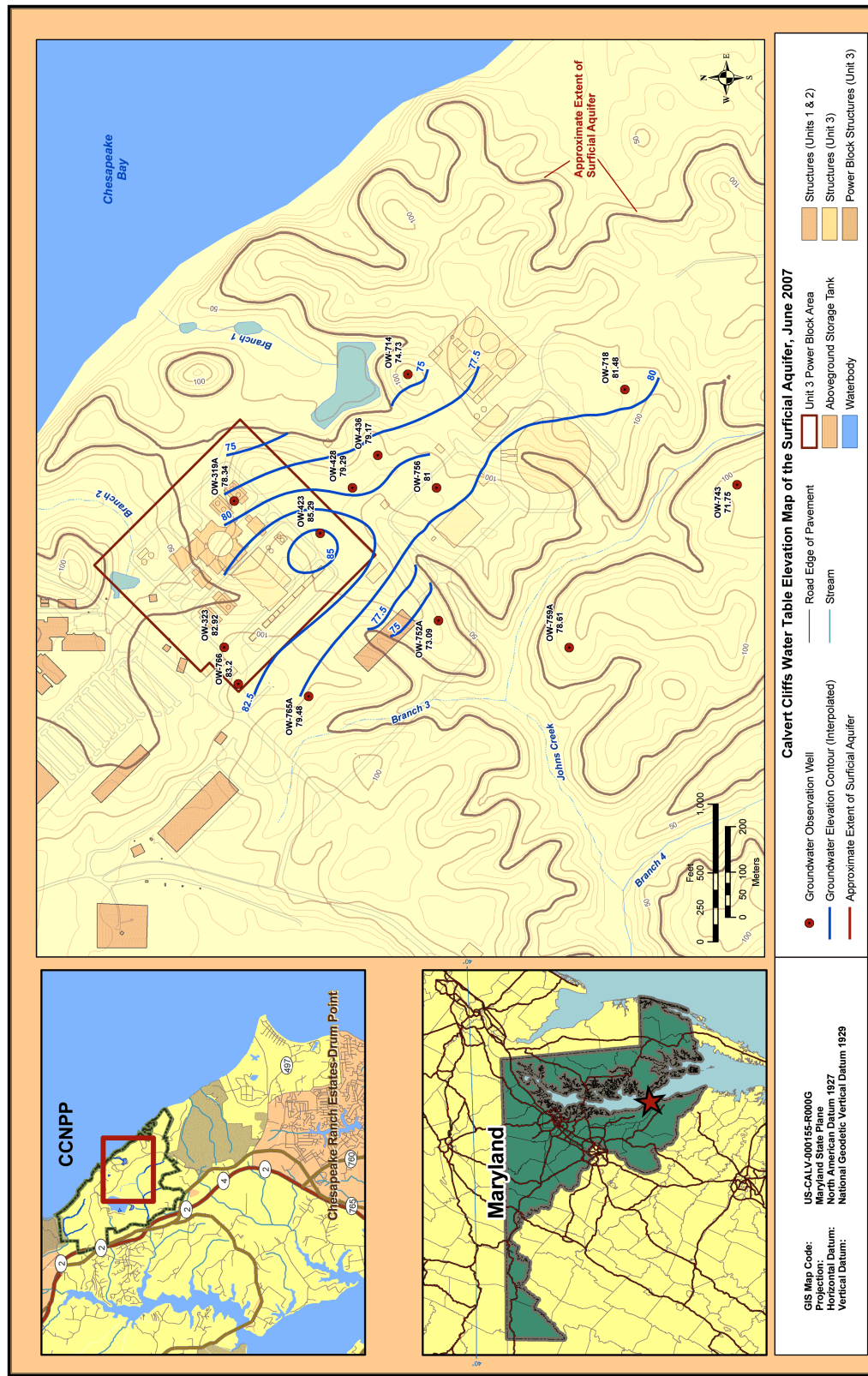
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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



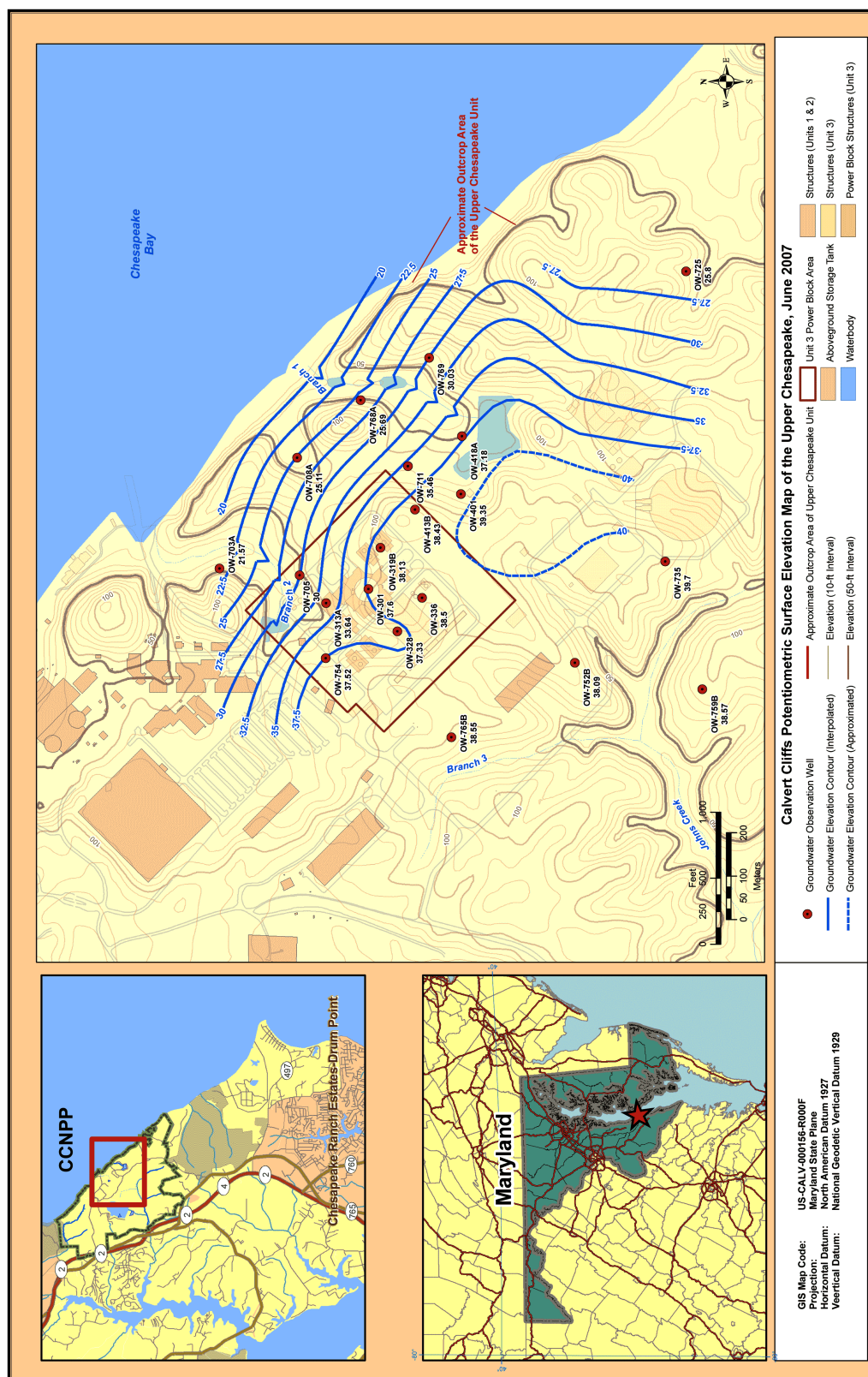
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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



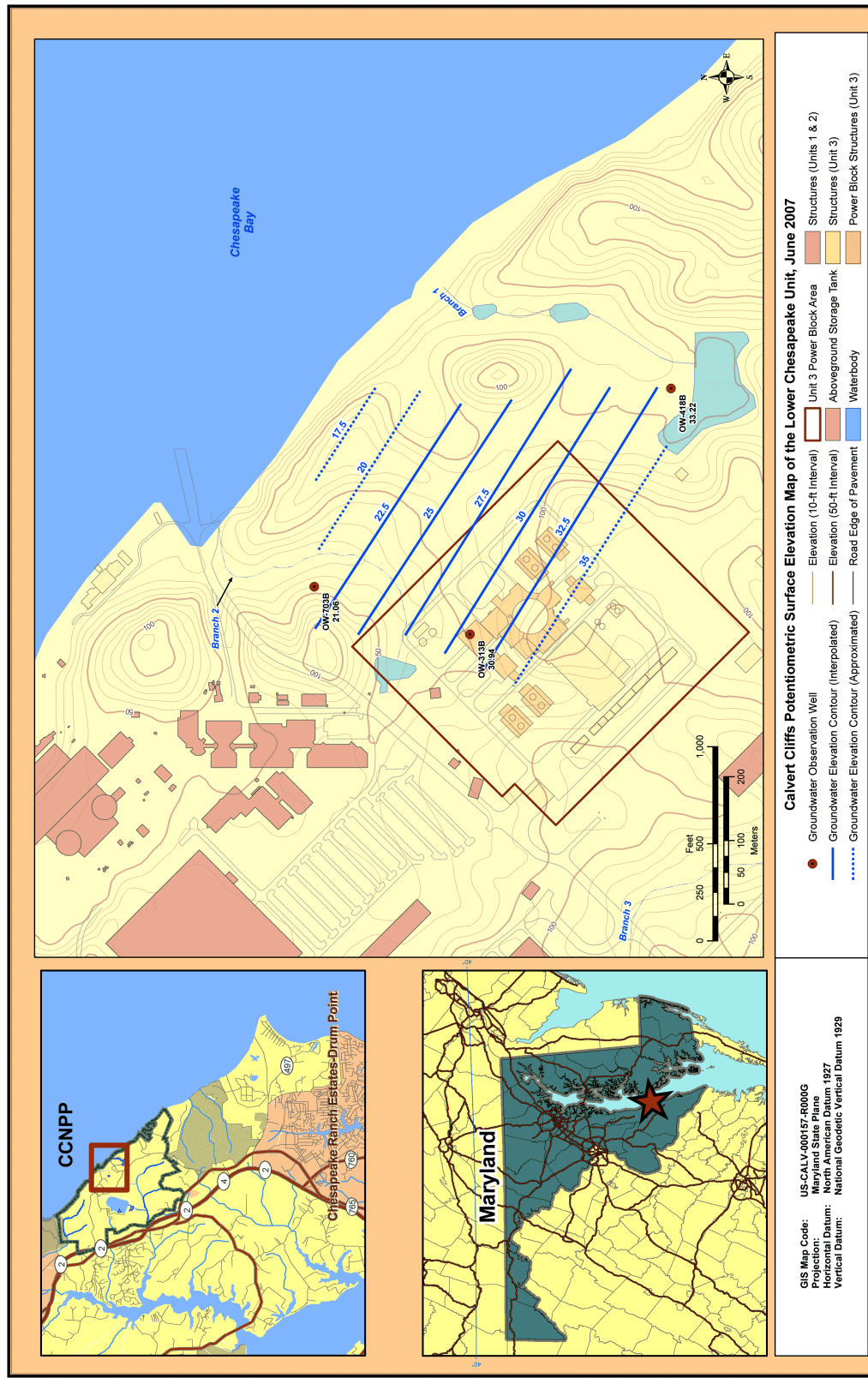
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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 2.4-99— {Potentiometric Surface Elevation 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 2.4-100—{Conceptual Model of Subsurface Pathways through the Upper Chesapeake Unit To Surface Streams}

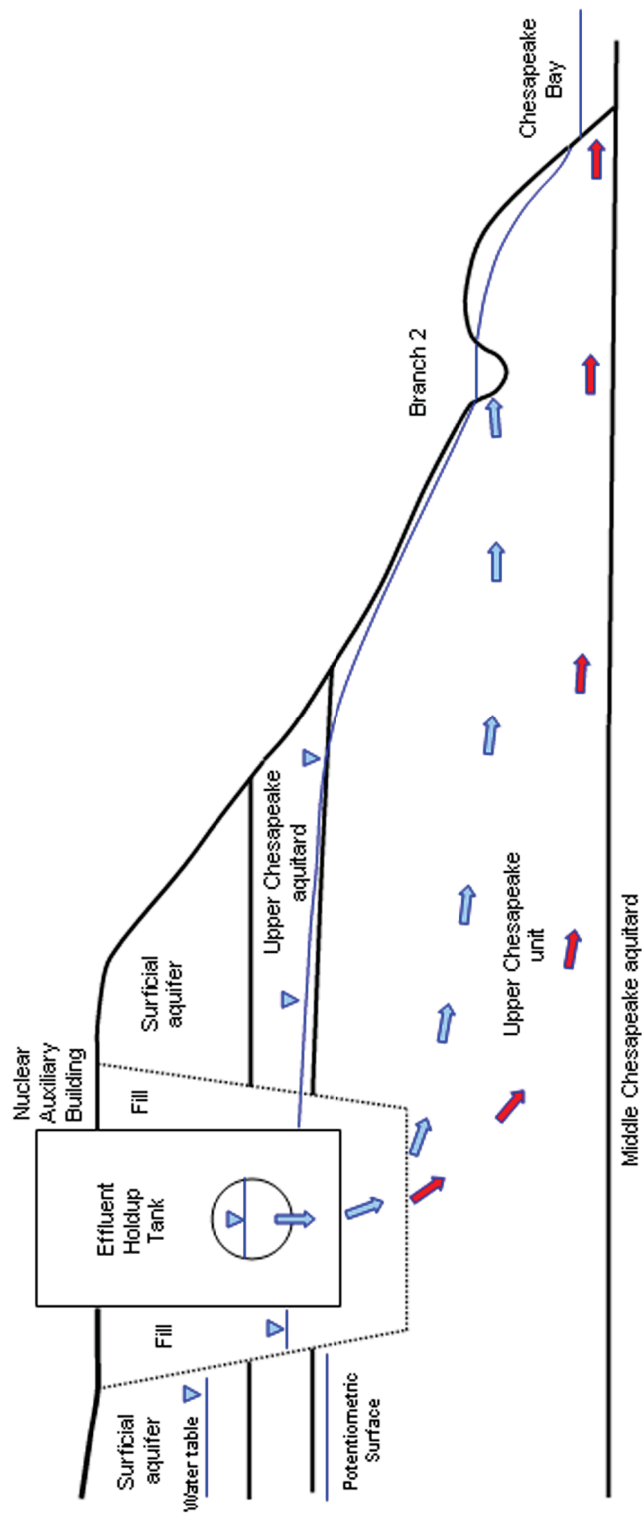
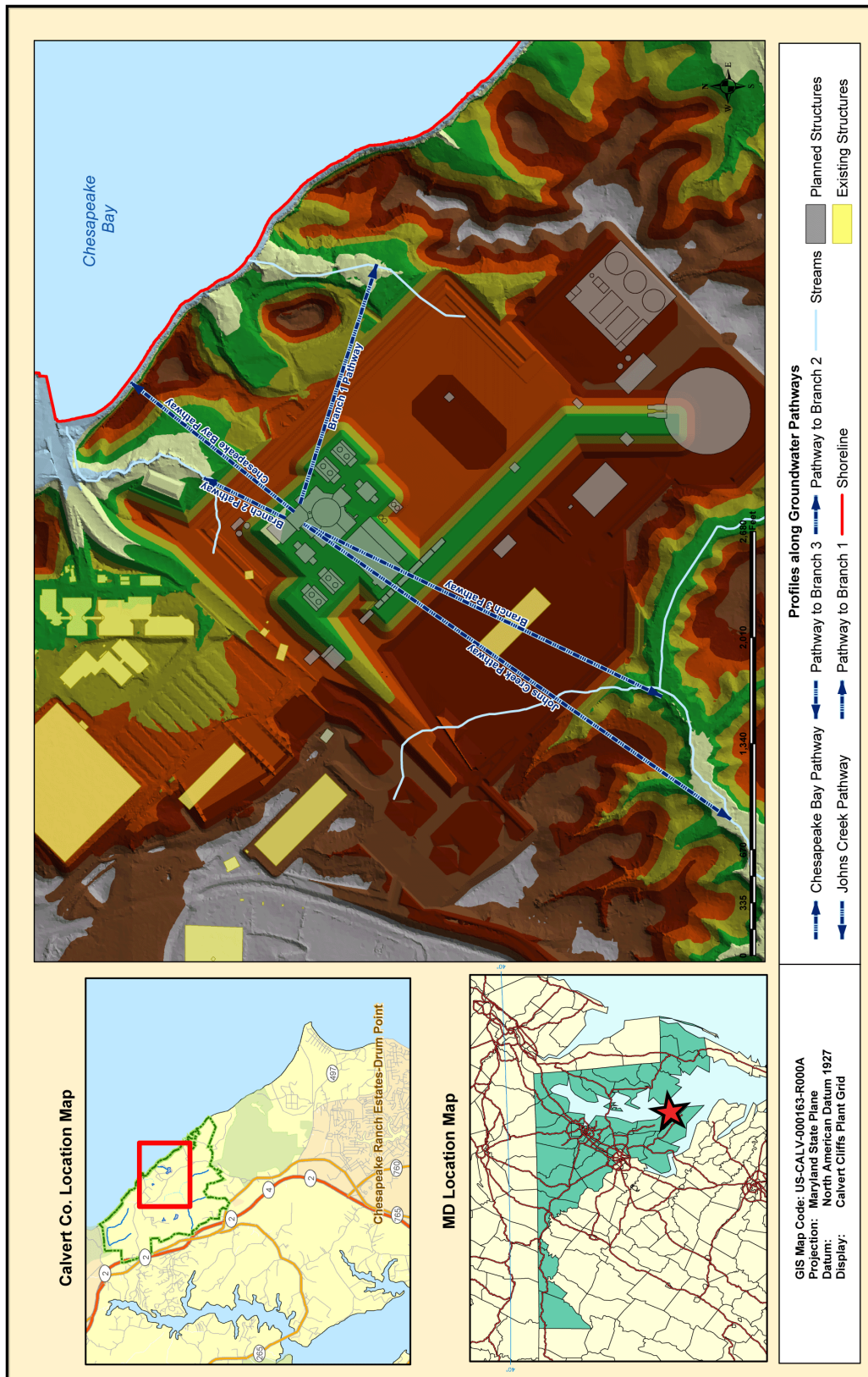
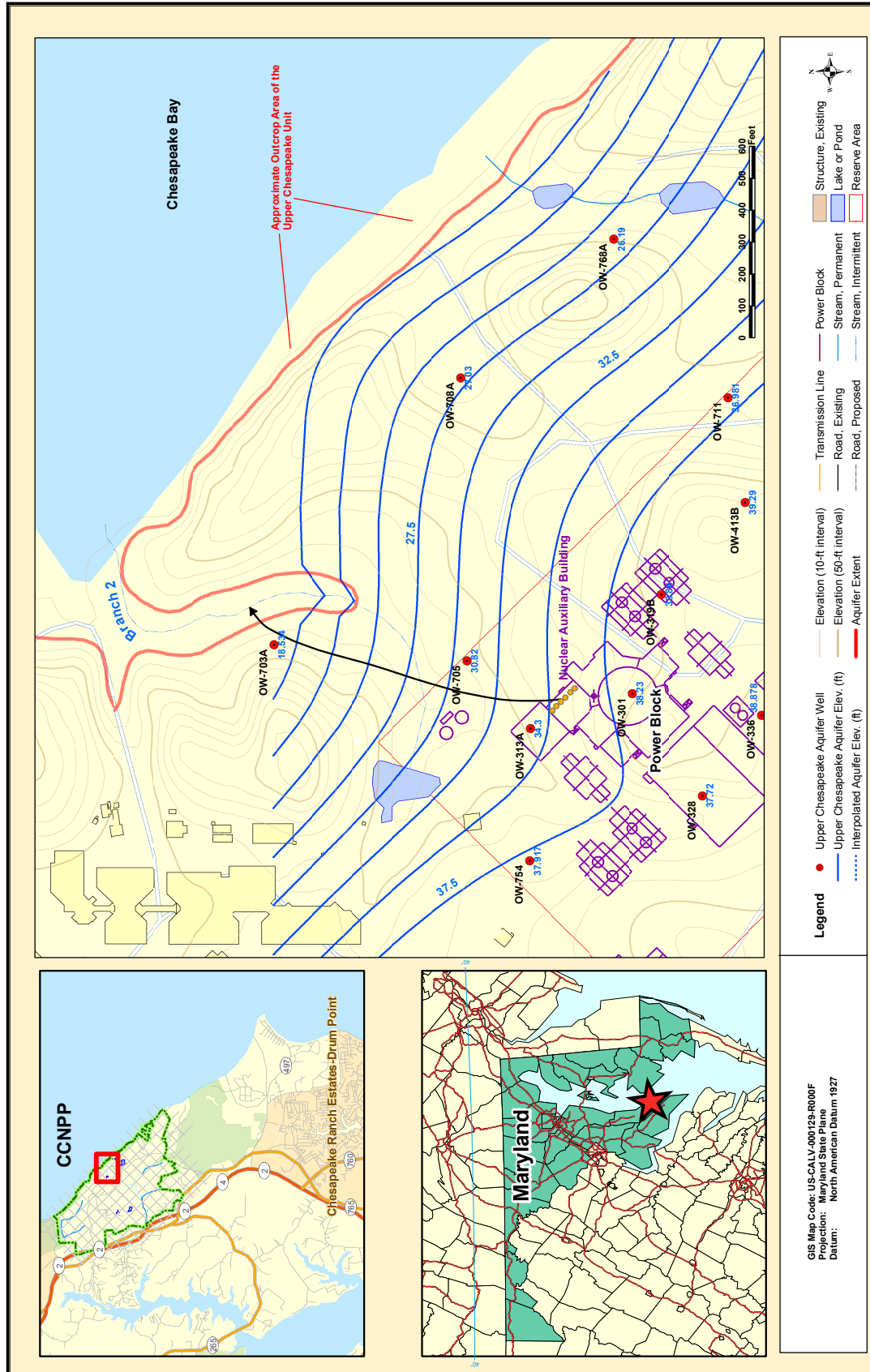


Figure 2.4-101—{Plan View of Subsurface Contaminant Pathways}



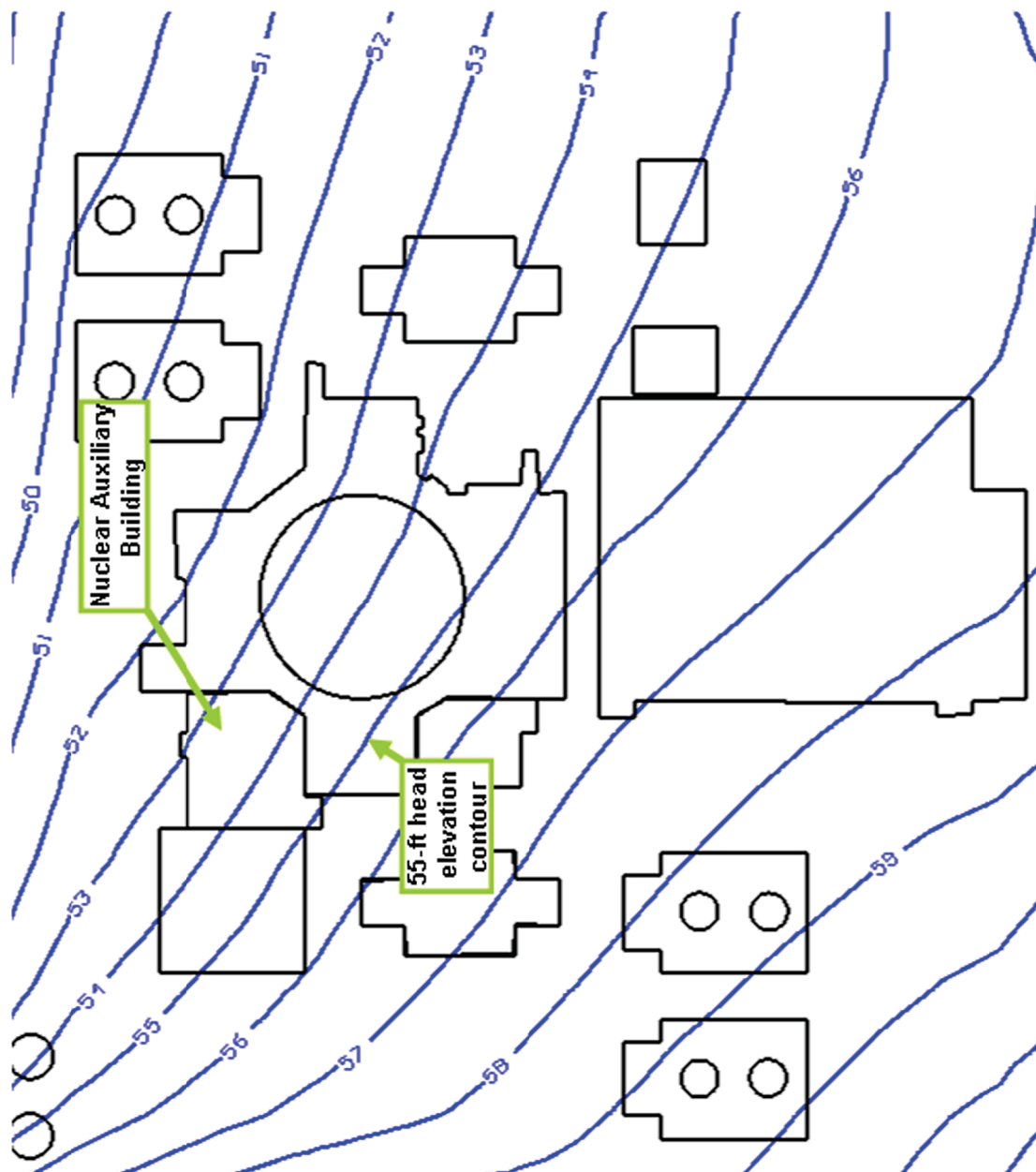
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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}

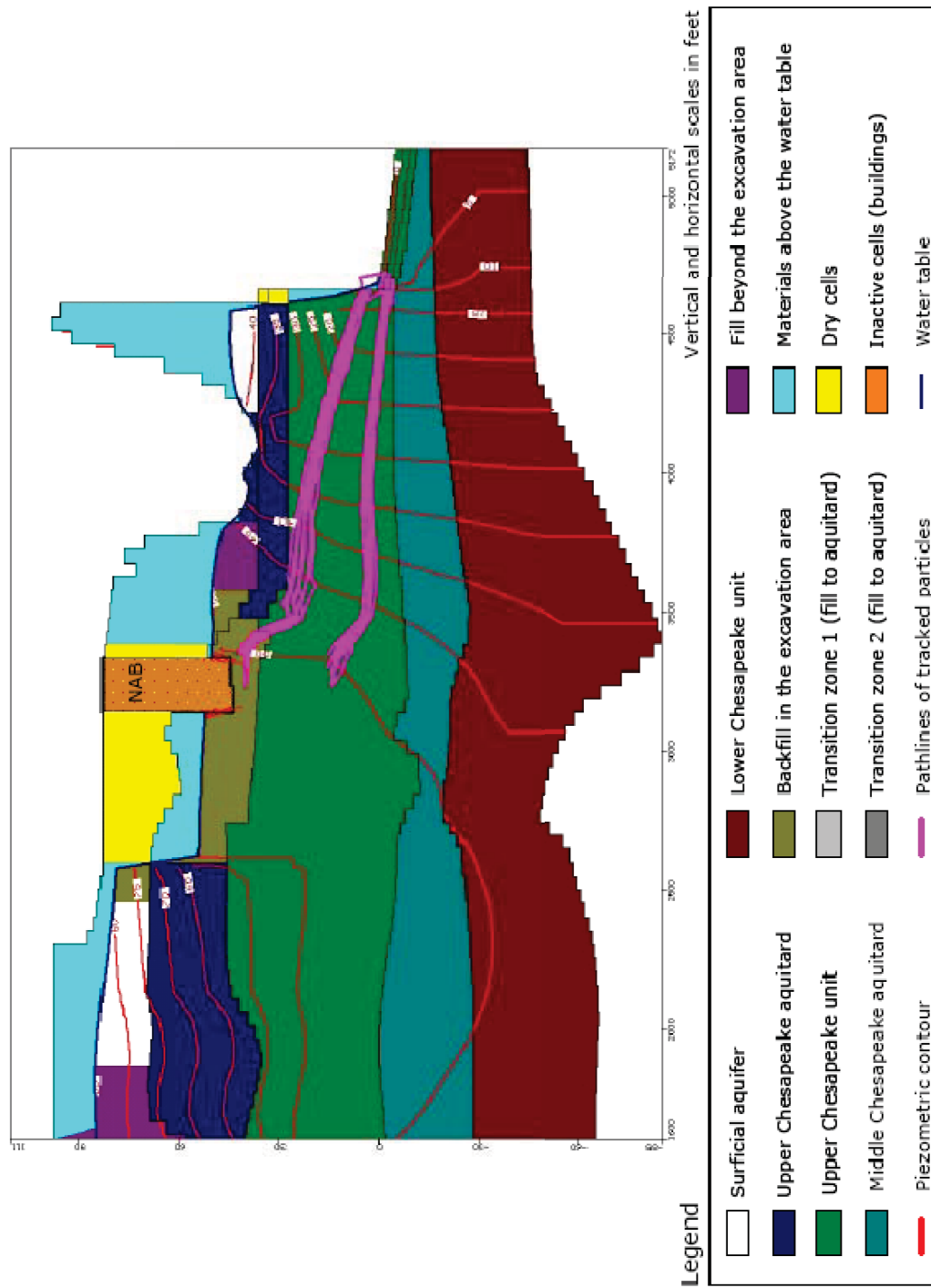
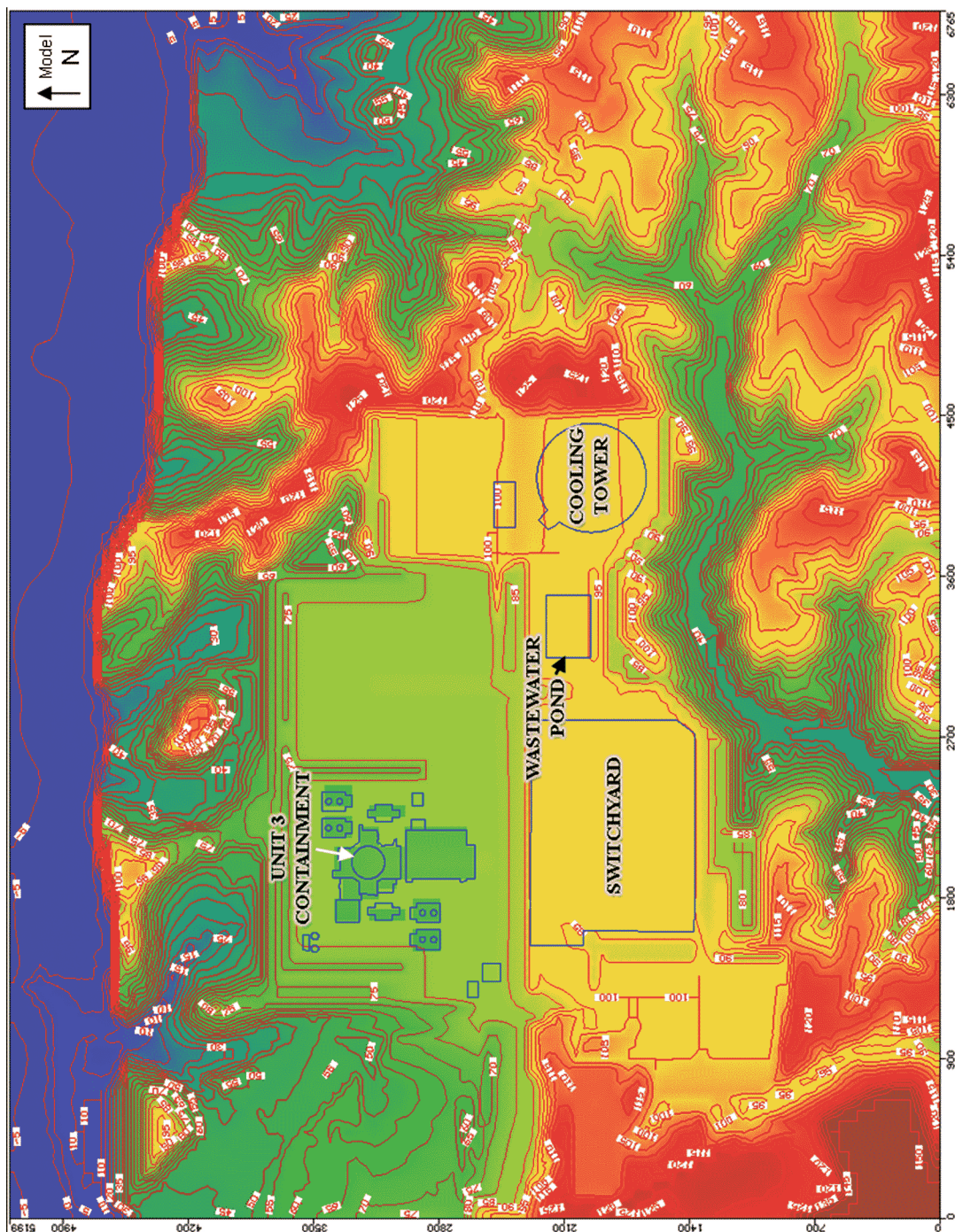
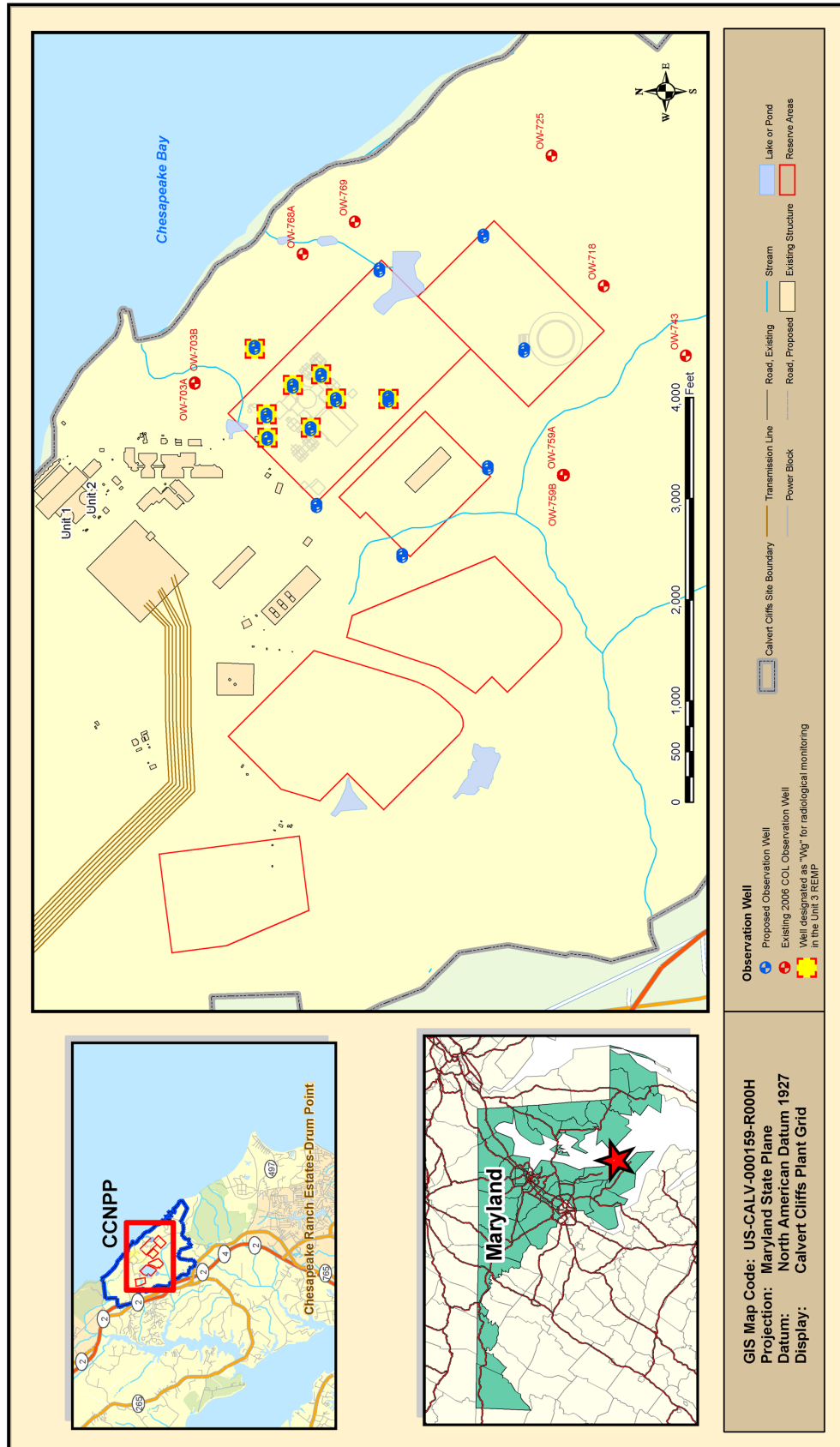


Figure 2.4-105— {Topography of the Post-Construction Groundwater Flow Model Domain}



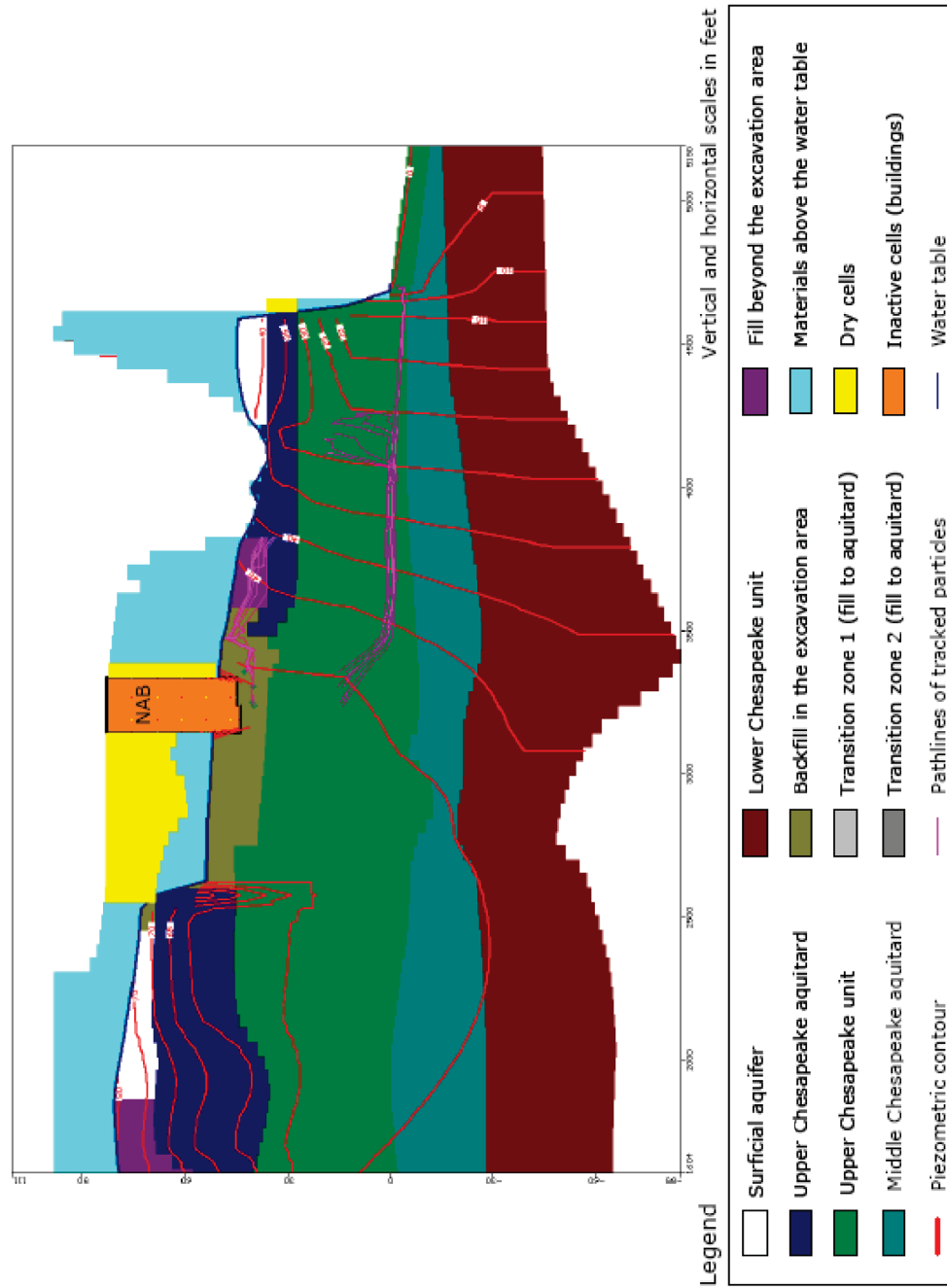
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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



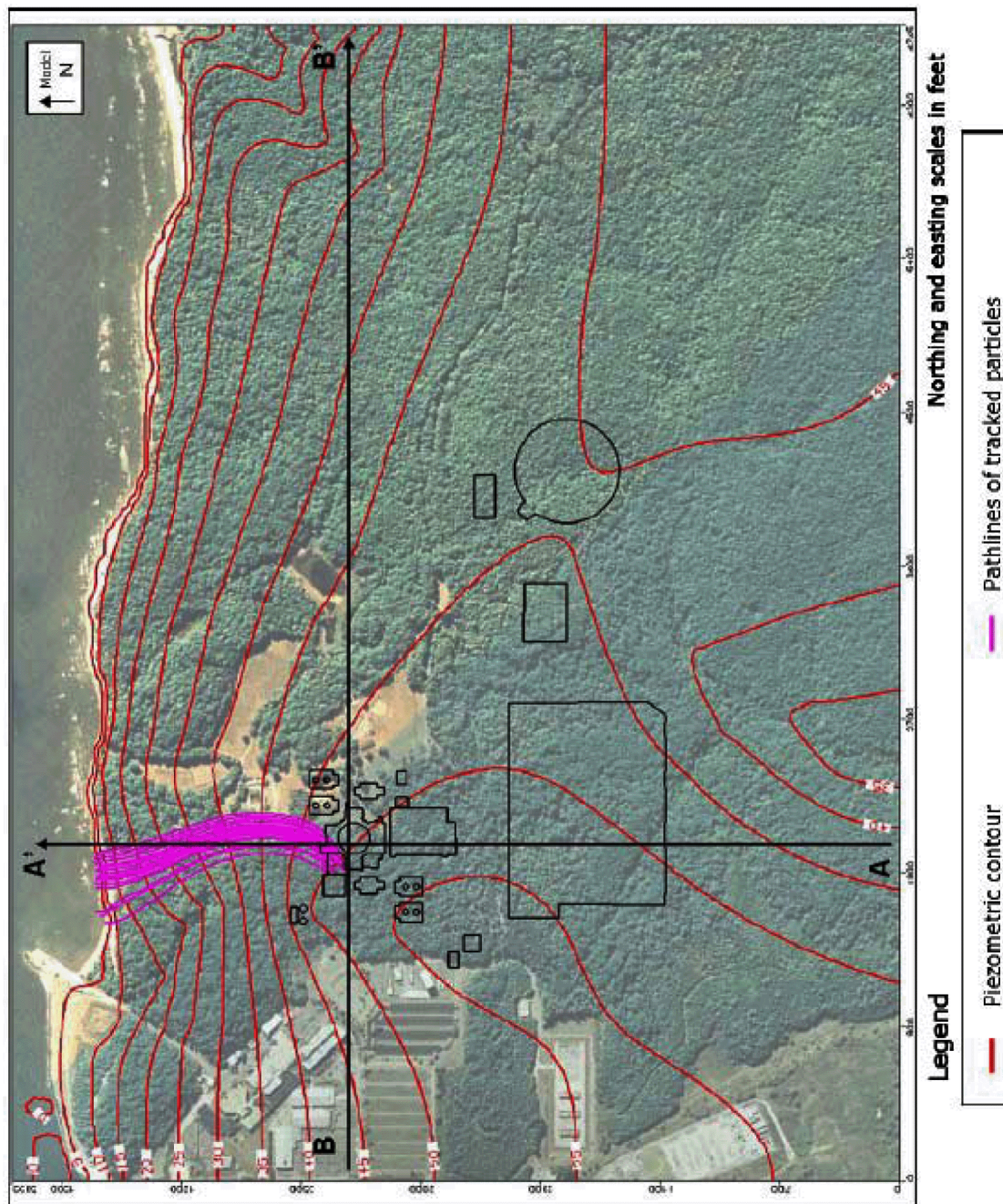
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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}



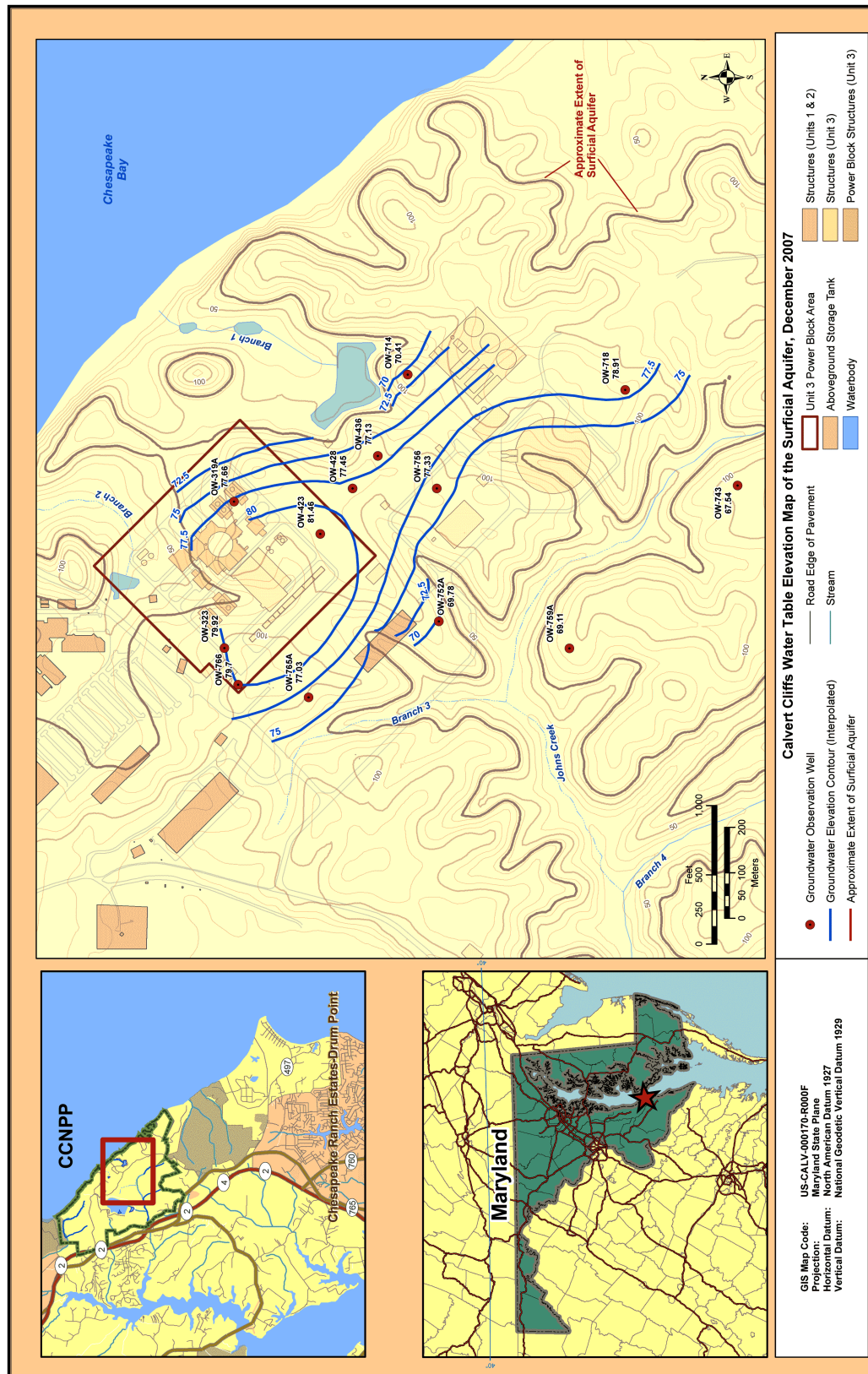
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

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



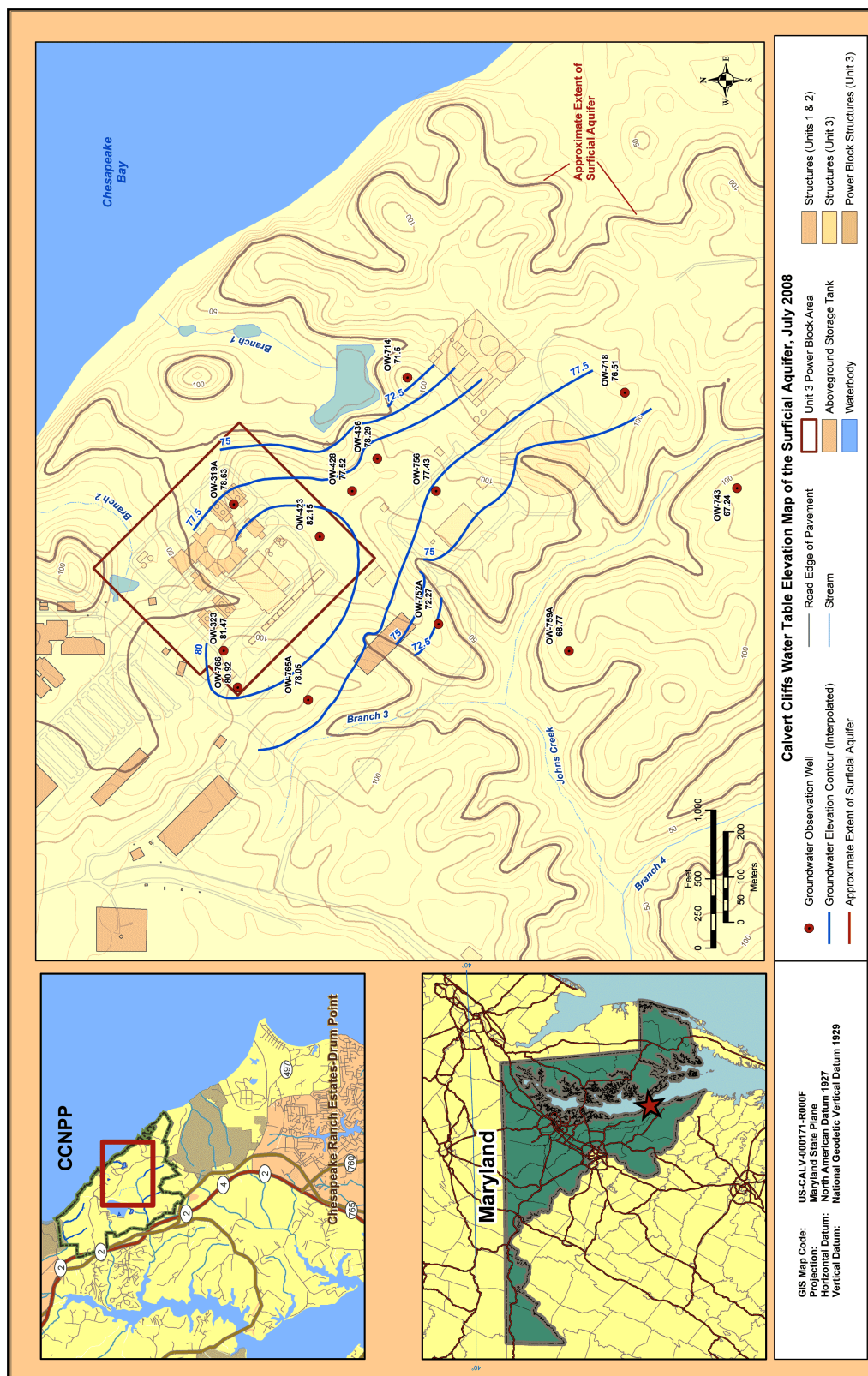
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-109— {Water Table Elevation Map for the Surficial Aquifer, December 2007}



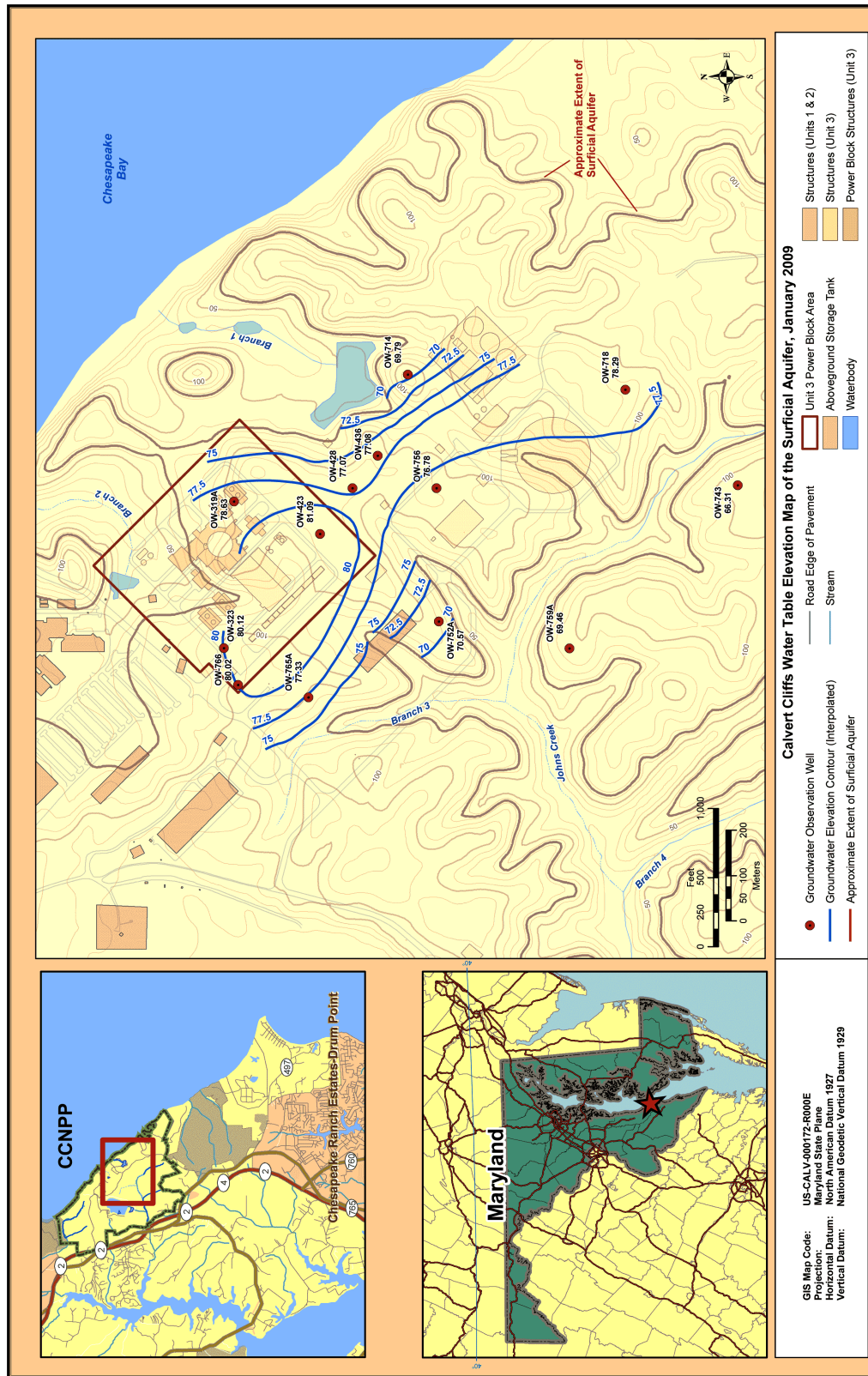
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-110— {Water Table Elevation Map for the Surficial Aquifer, July 2008}



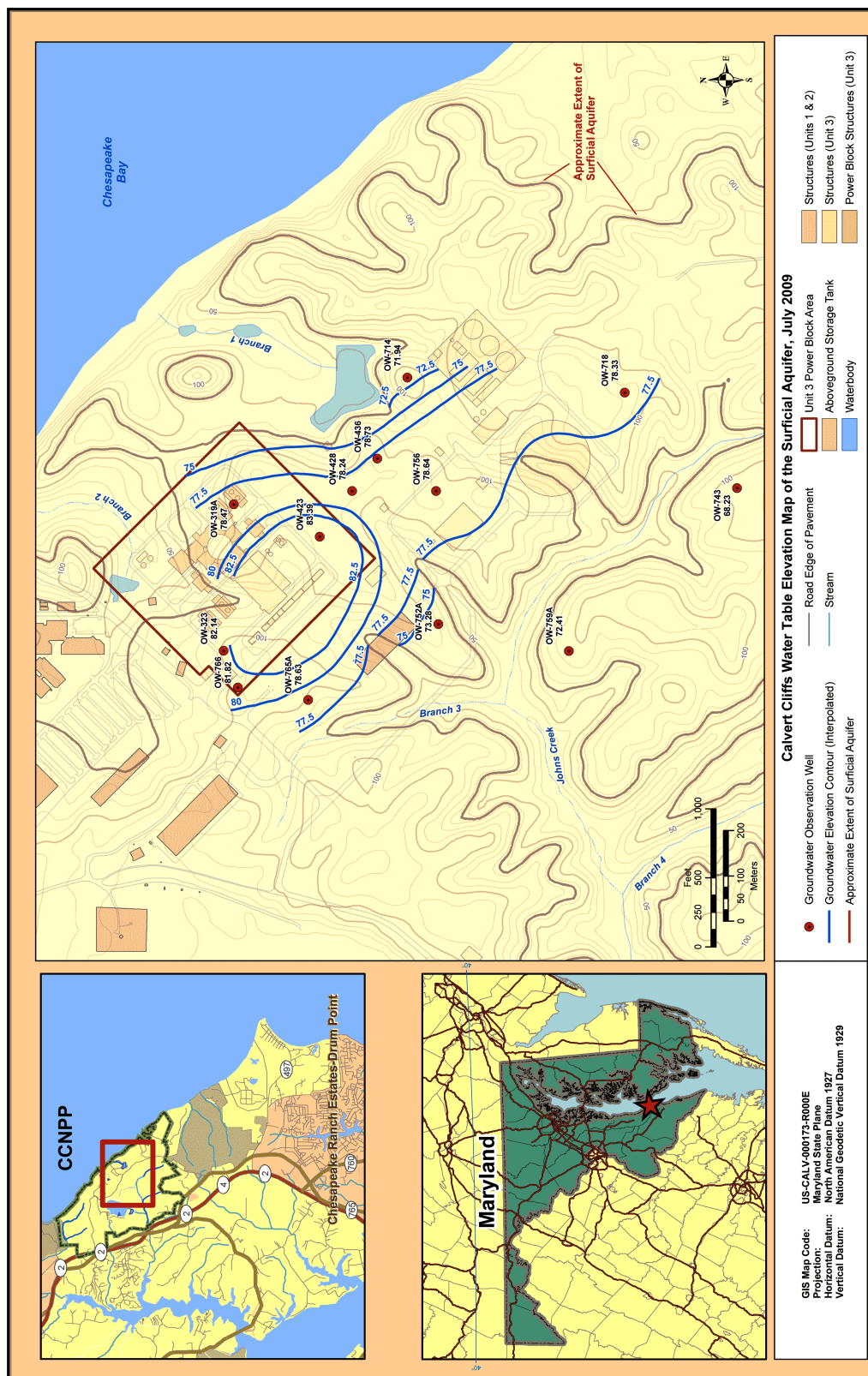
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-111 — {Water Table Elevation Map for the Surficial Aquifer, January 2009}



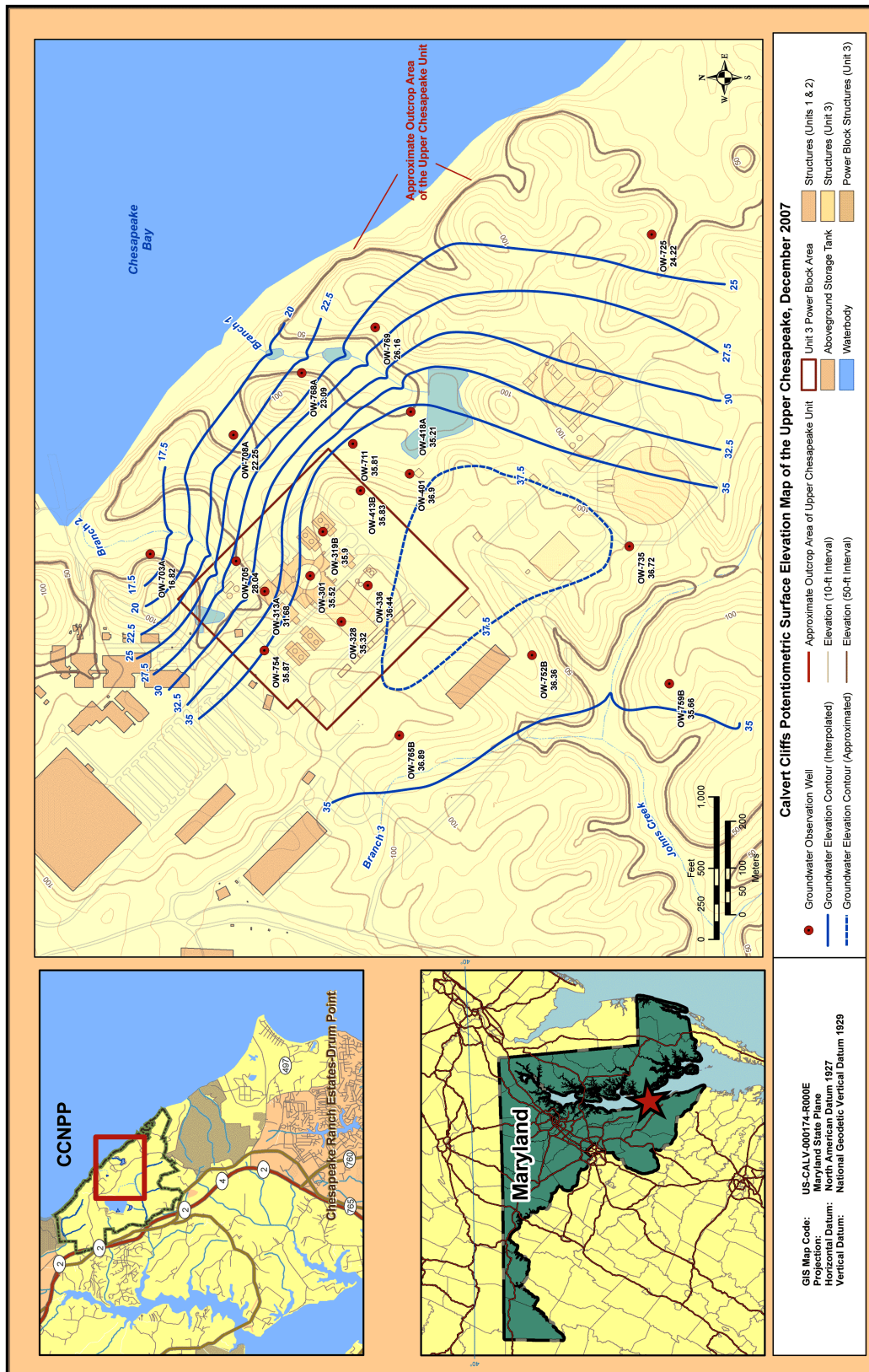
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-112— {Water Table Elevation Map for the Surficial Aquifer, July 2009}



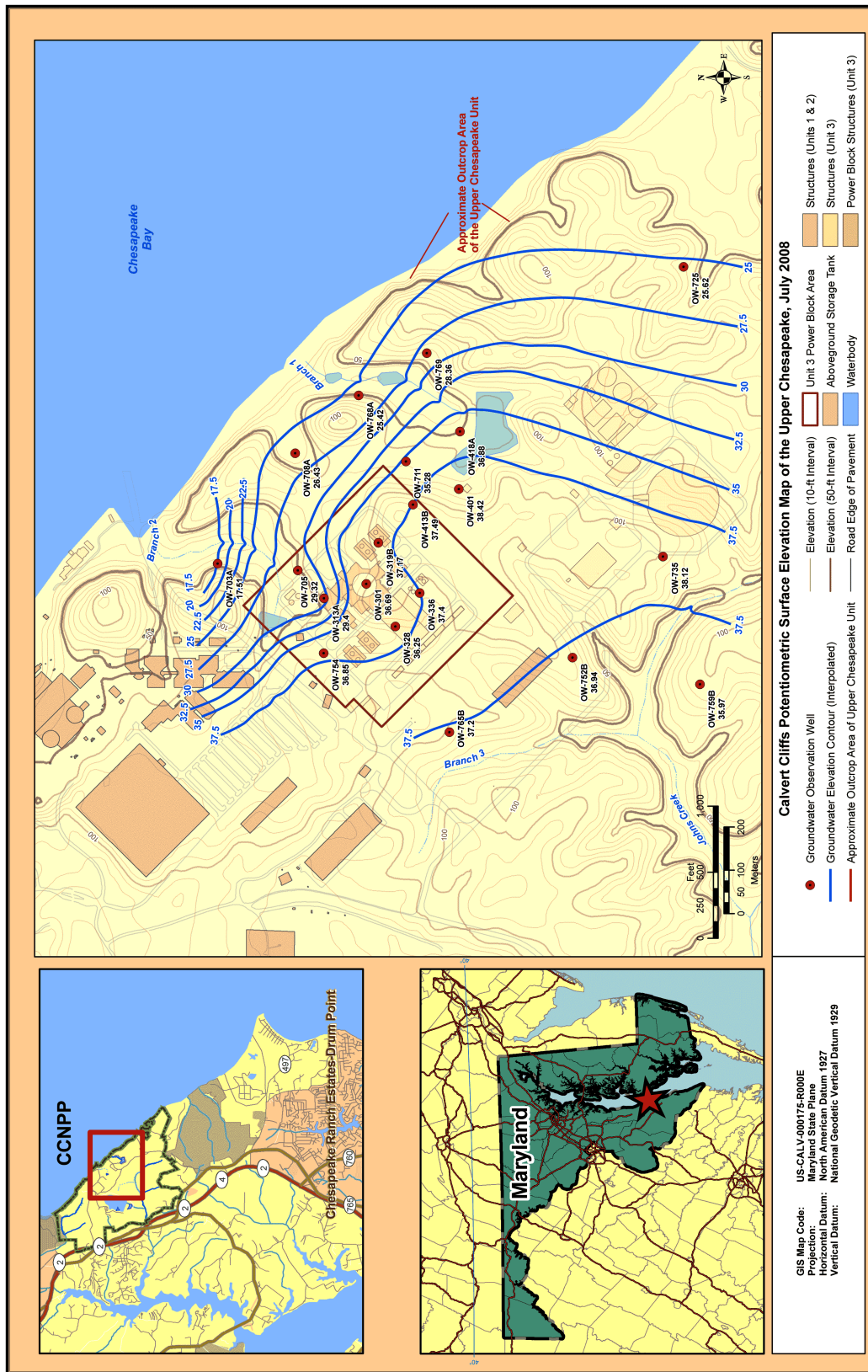
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-1 13— {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, December 2007}



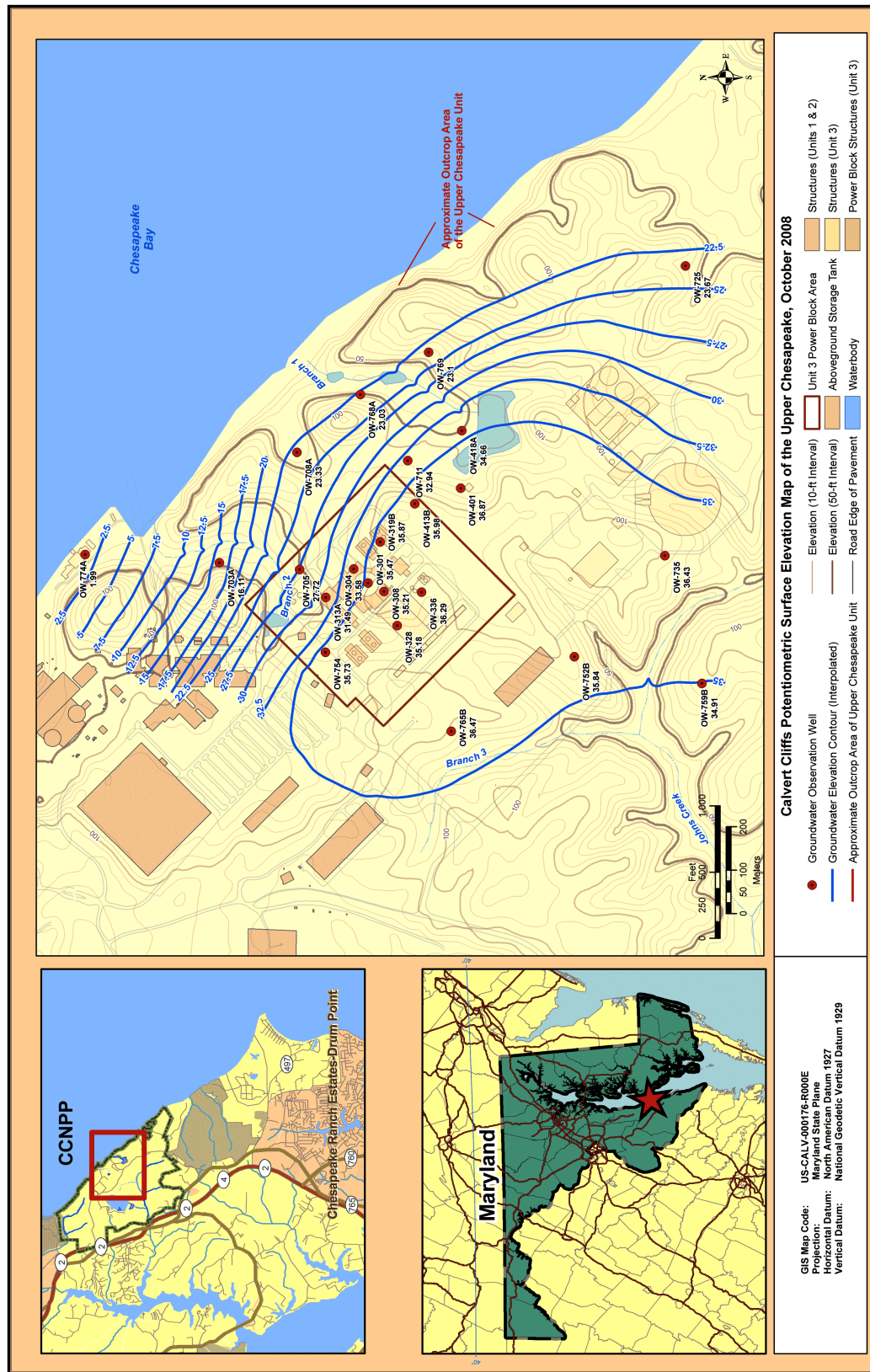
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-114—{Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, July 2008}



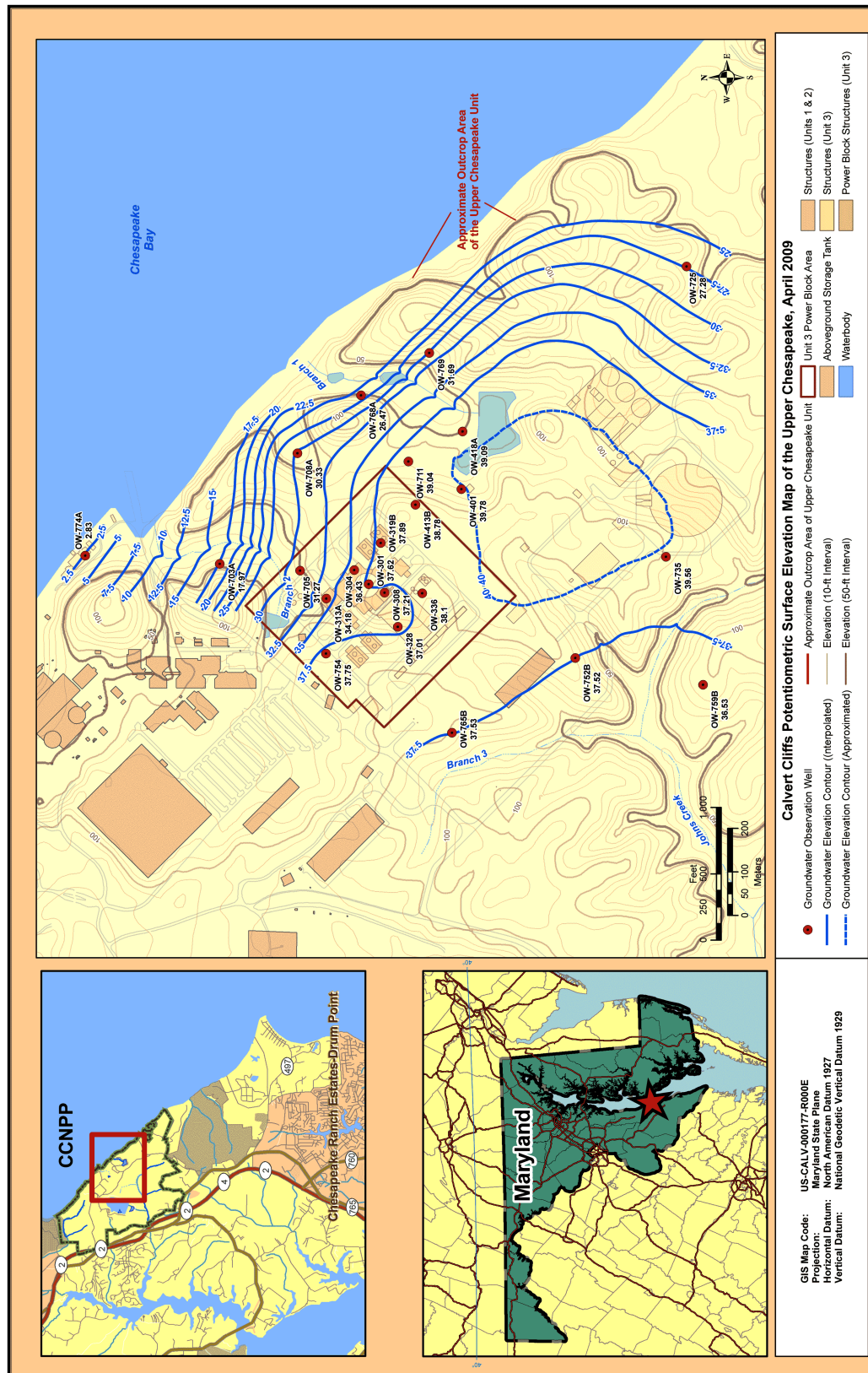
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-115— {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, October 2008}



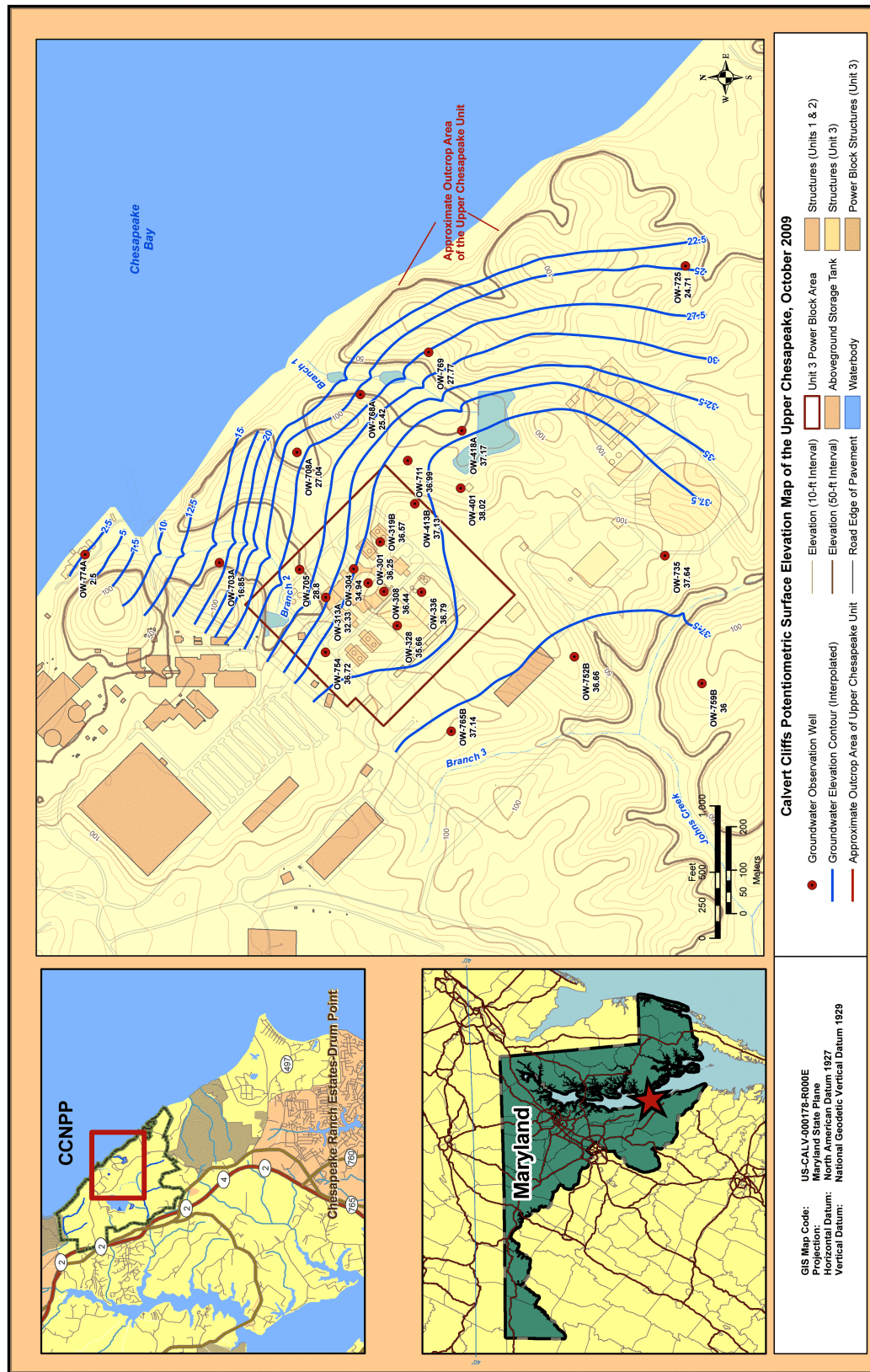
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-16—{Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, April 2009}



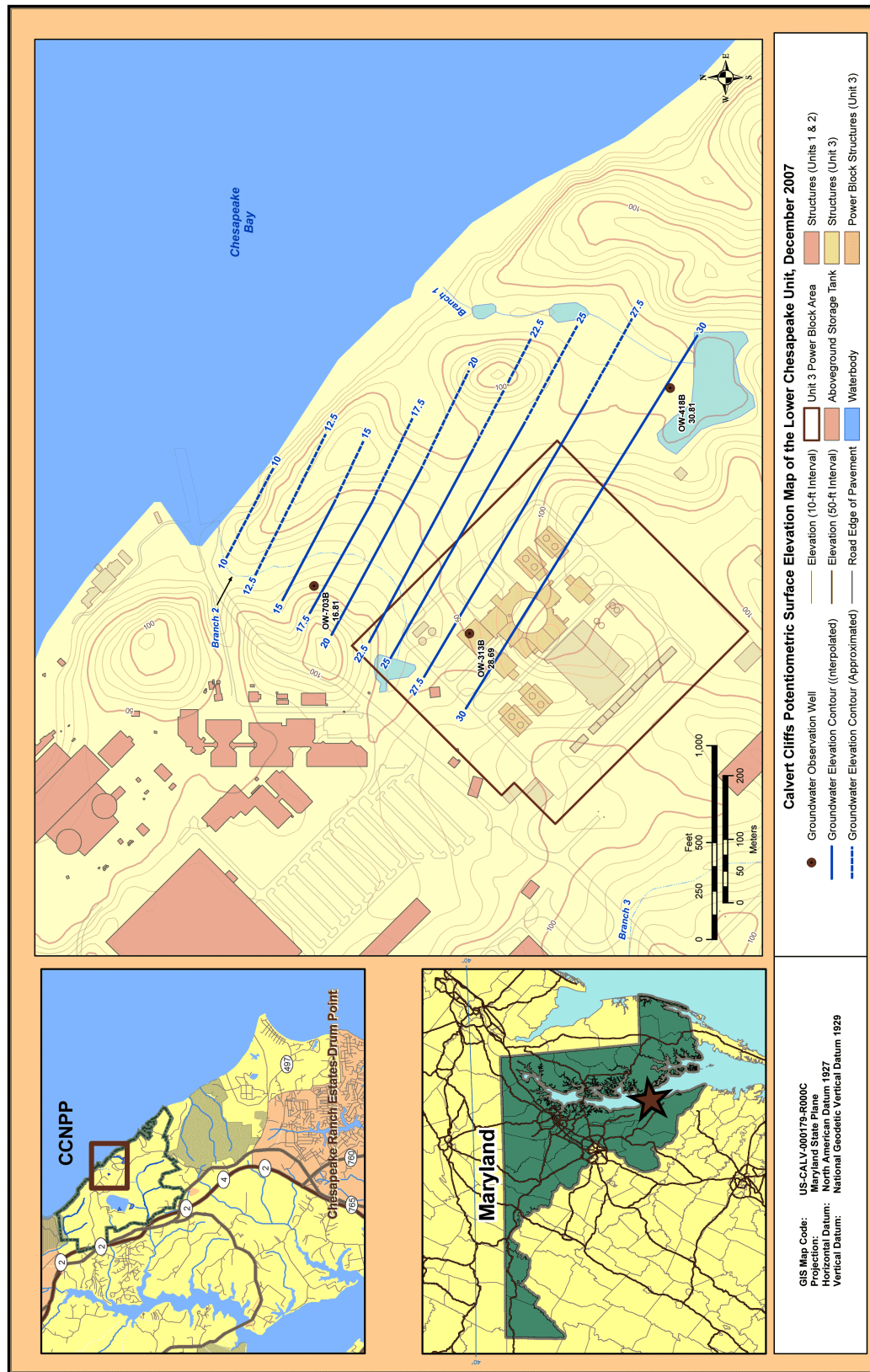
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-117— {Potentiometric Surface Elevation Map for the Upper Chesapeake Unit, October 2009}



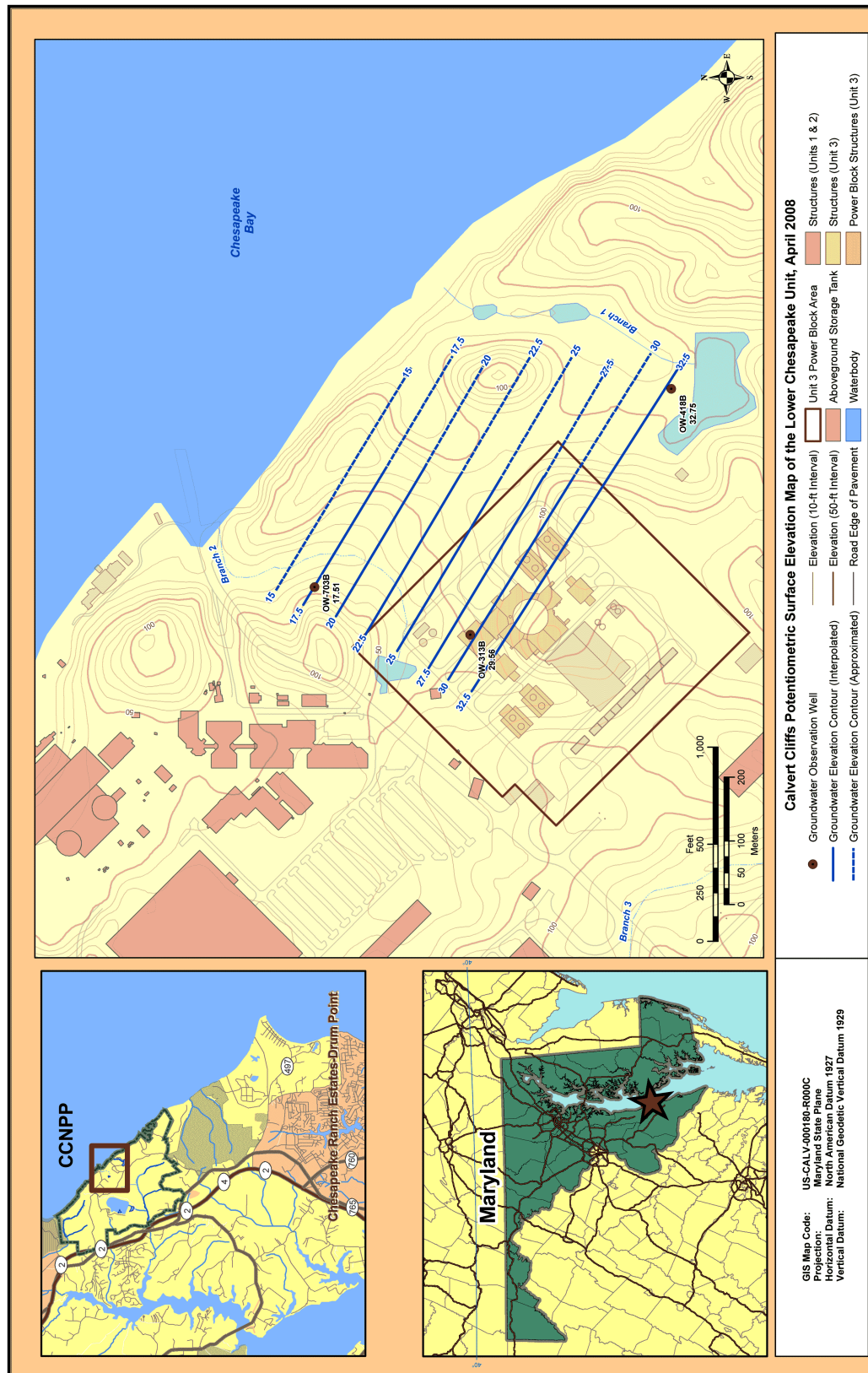
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-118— {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, December 2007}



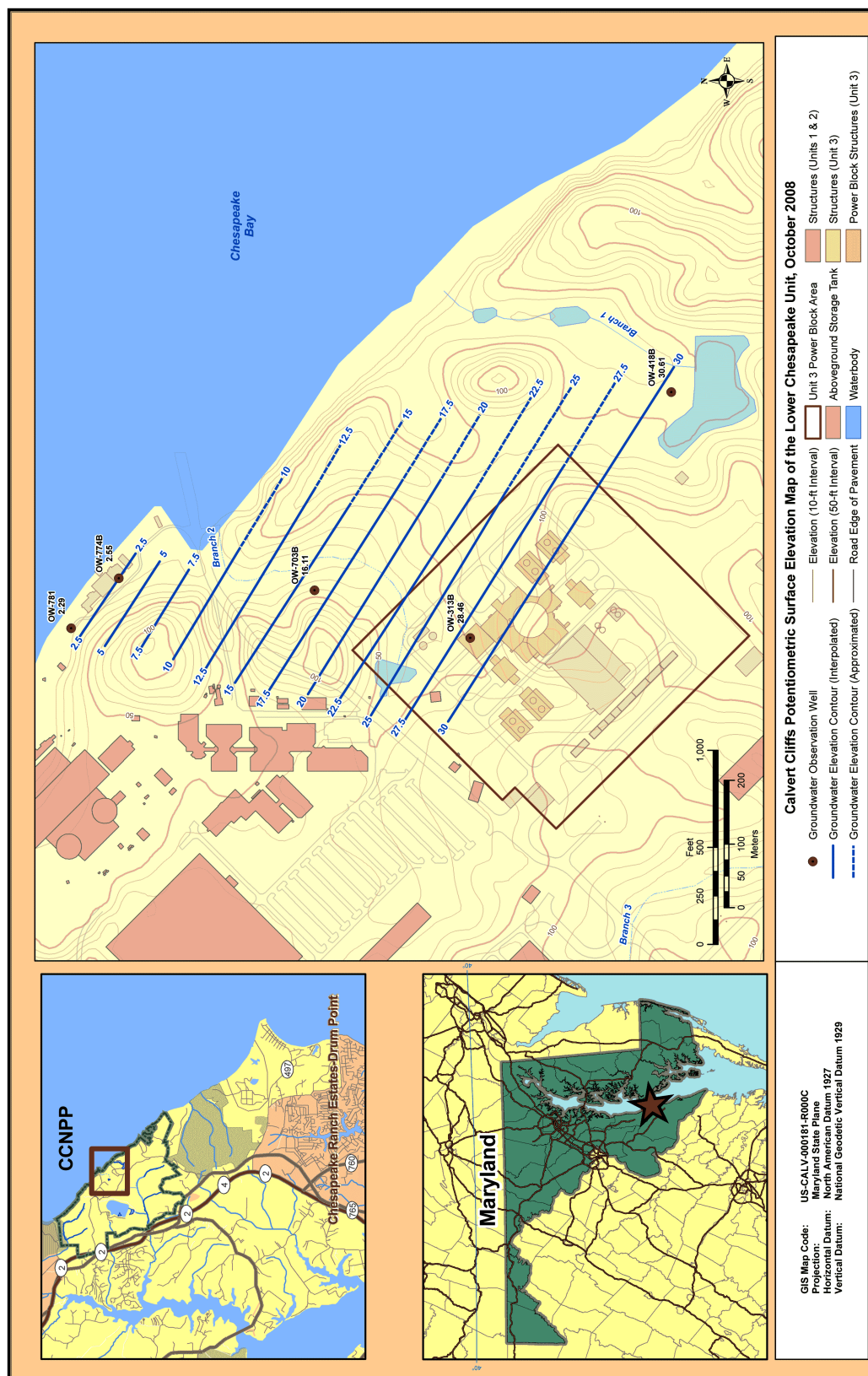
See Figure 1.1-3 and Figure 1.2-1 for Site and Powerblock layout

Figure 2.4-119— {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 2.4-120— {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 2.4-121 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, April 2009}

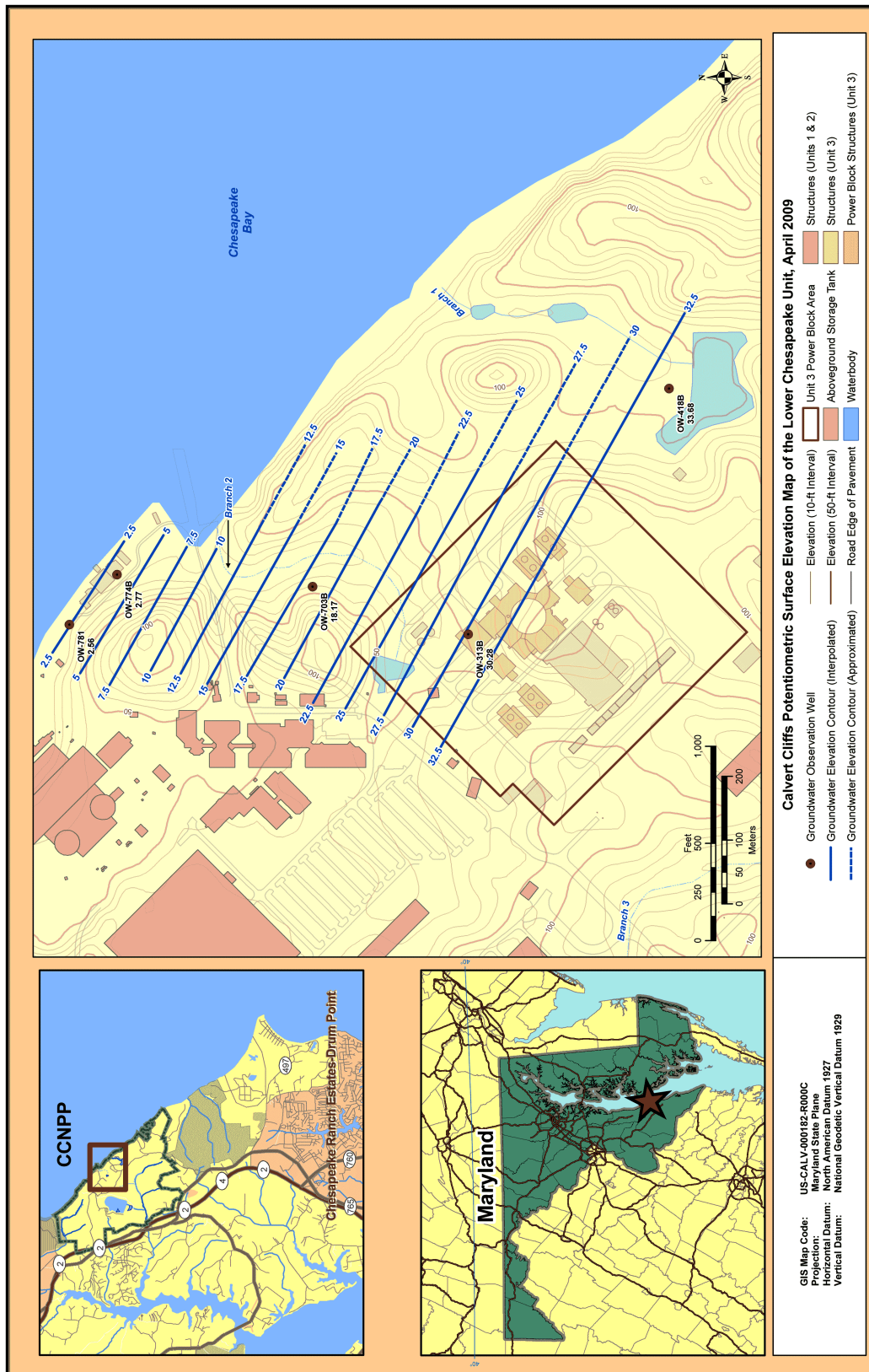
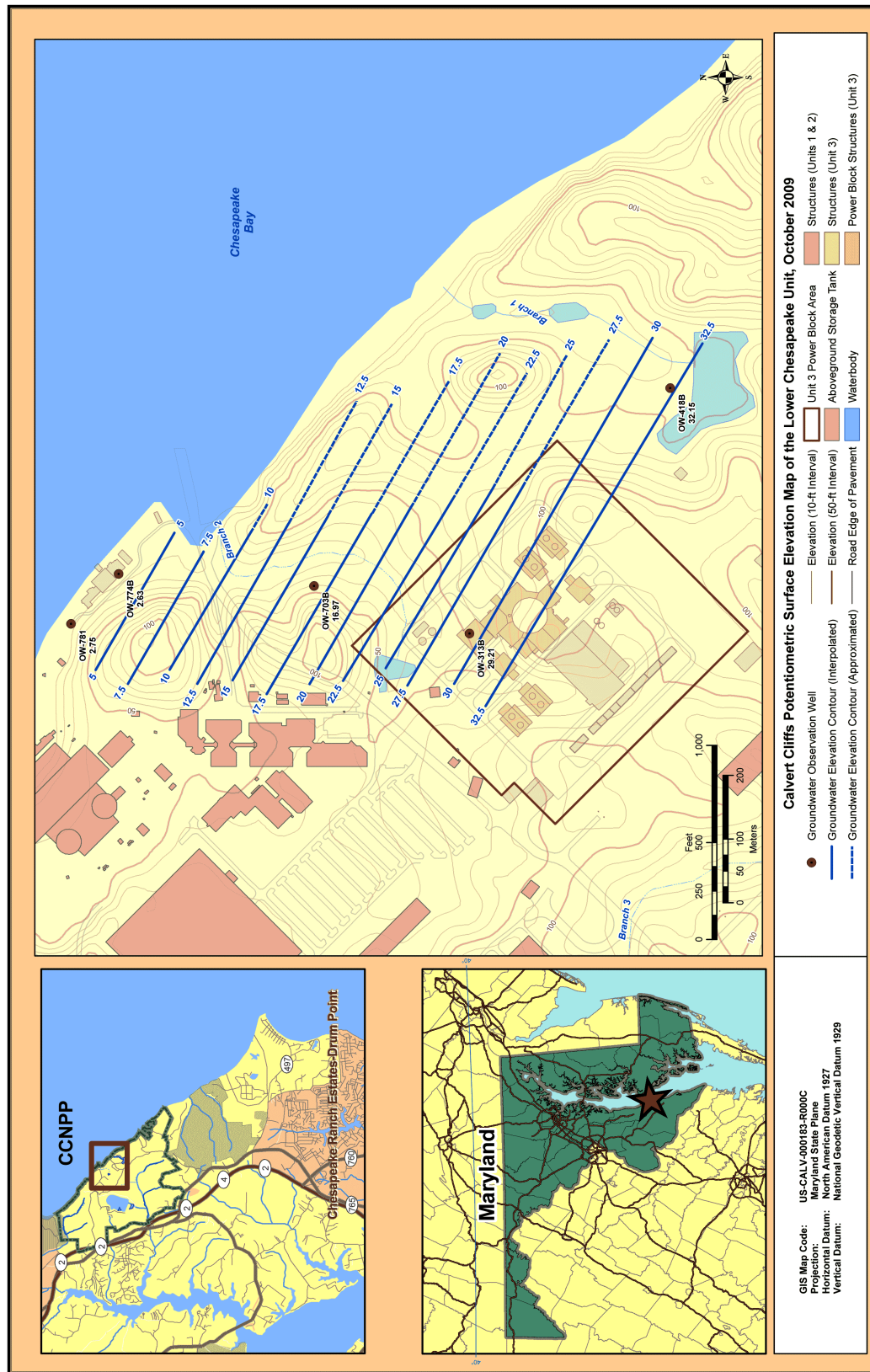


Figure 2.4-122 — {Potentiometric Surface Elevation Map for the Lower Chesapeake Unit, October 2009}



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

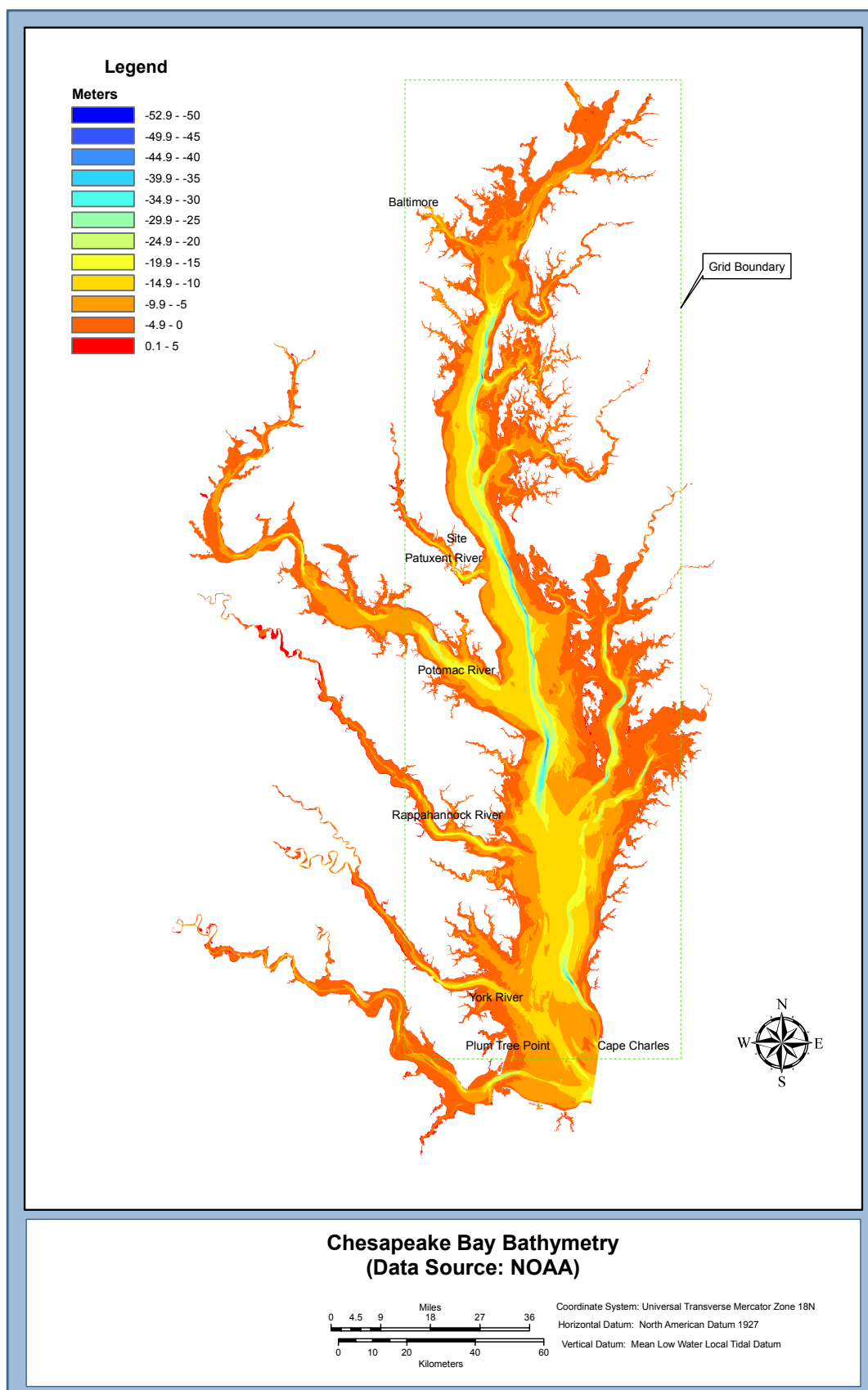
Figure 2.4-123— {Chesapeake Bay Digital Elevation Model from NOAA}

Figure 2.4-124— {Comparison of Simulated Water Levels at the Site for Different Grid Sizes for Case 1, Nonlinear Model}

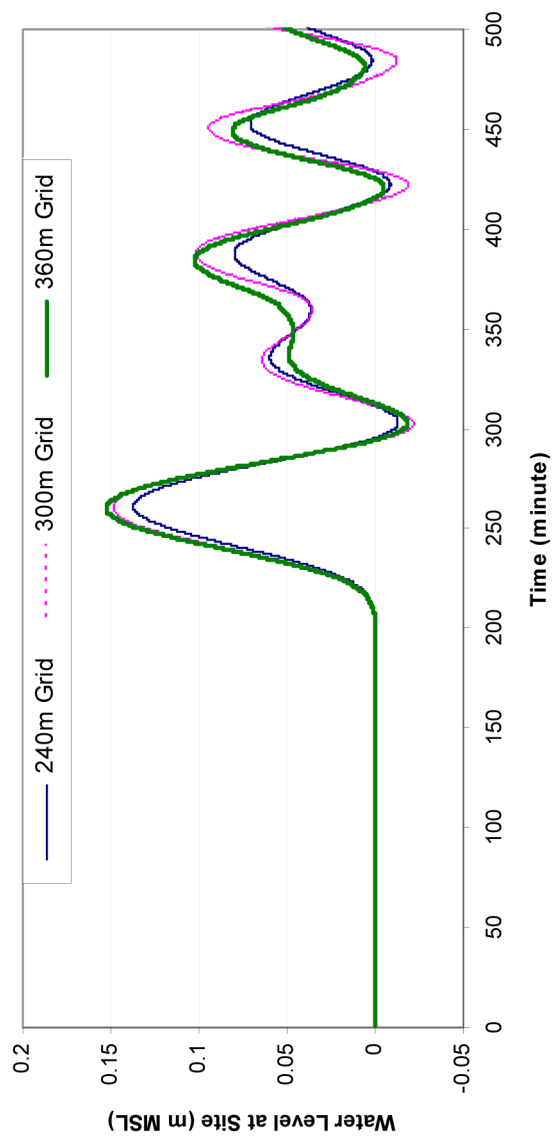


Figure 2.4-125—{Water Levels along Internal Boundary for Case 1, Linear Model}

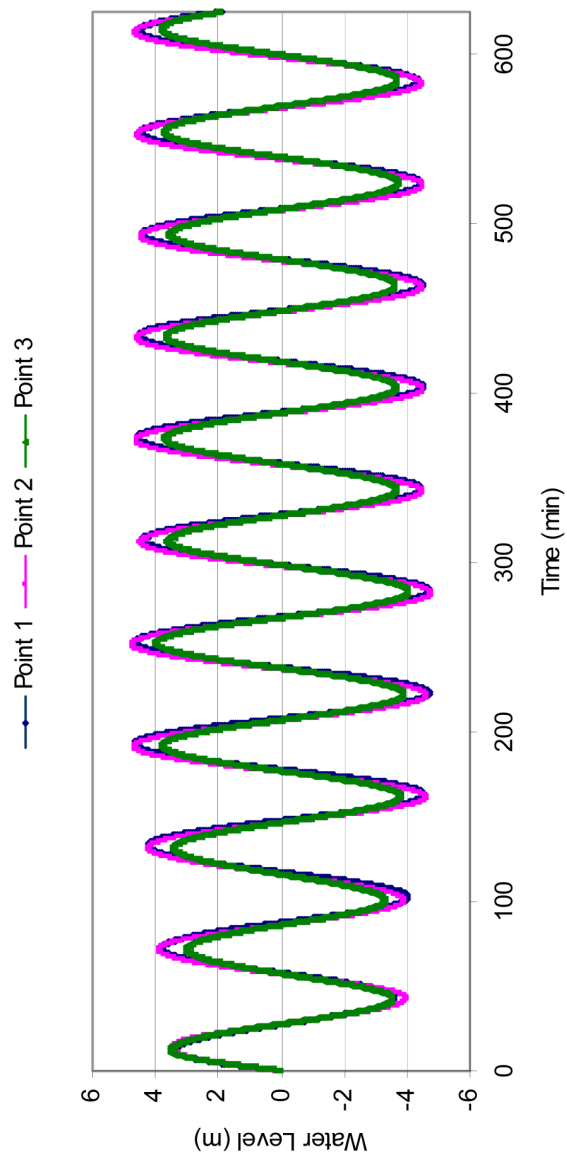


Figure 2.4-126—{Water Levels along Internal Boundary for Case 2, Linear Model}

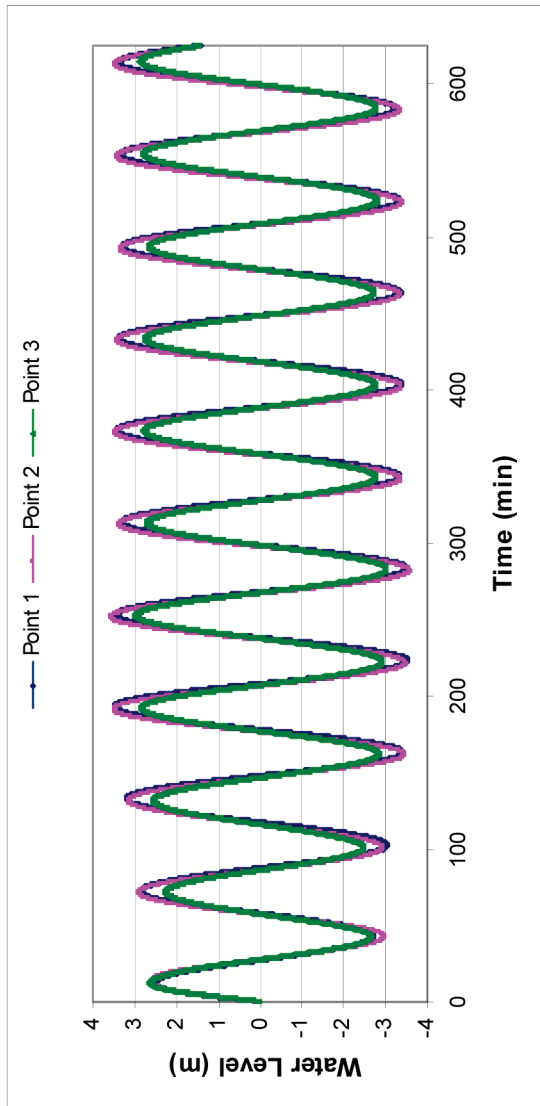


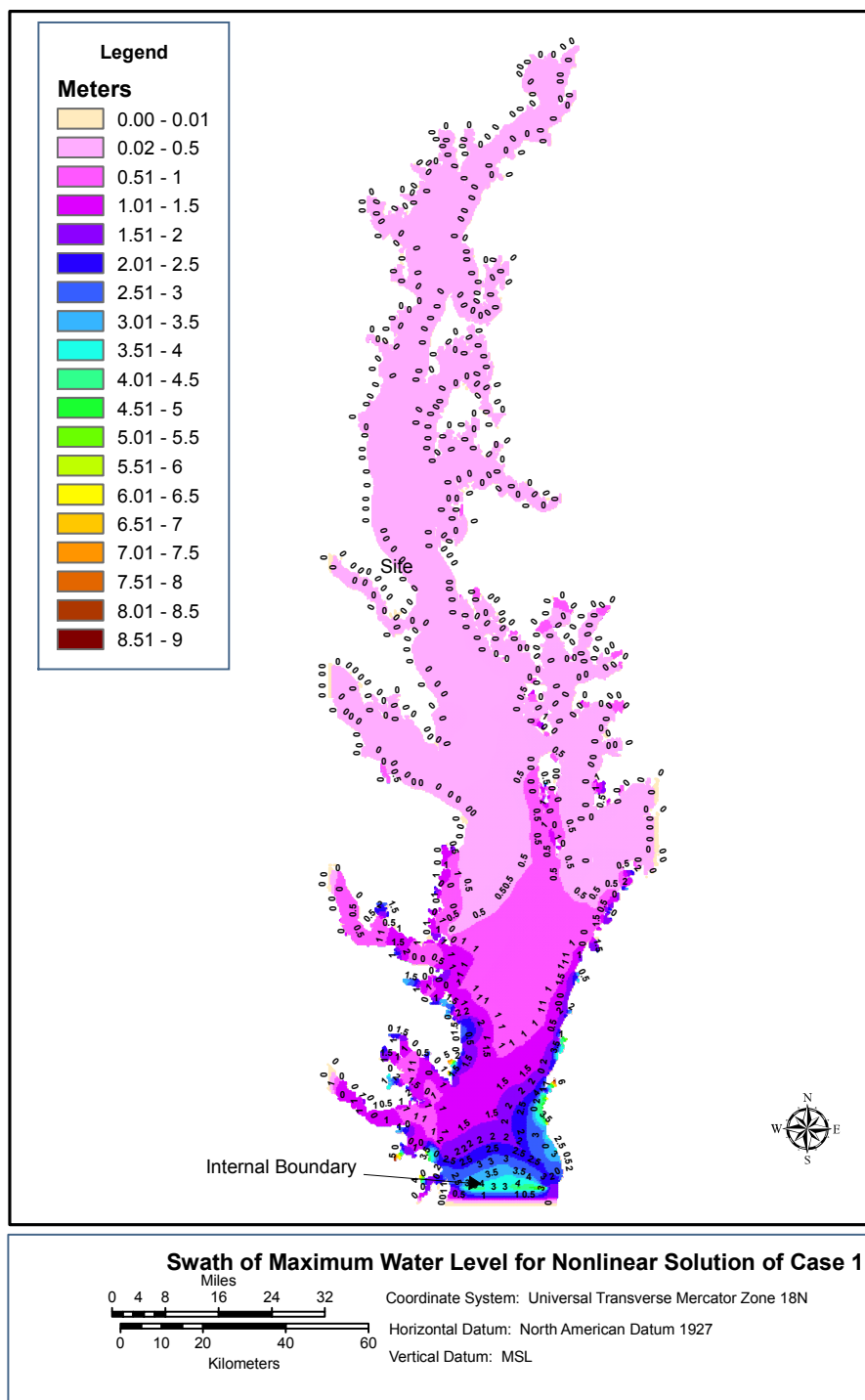
Figure 2.4-127— {Contour of Maximum Water Levels for Case 1, Nonlinear Model}

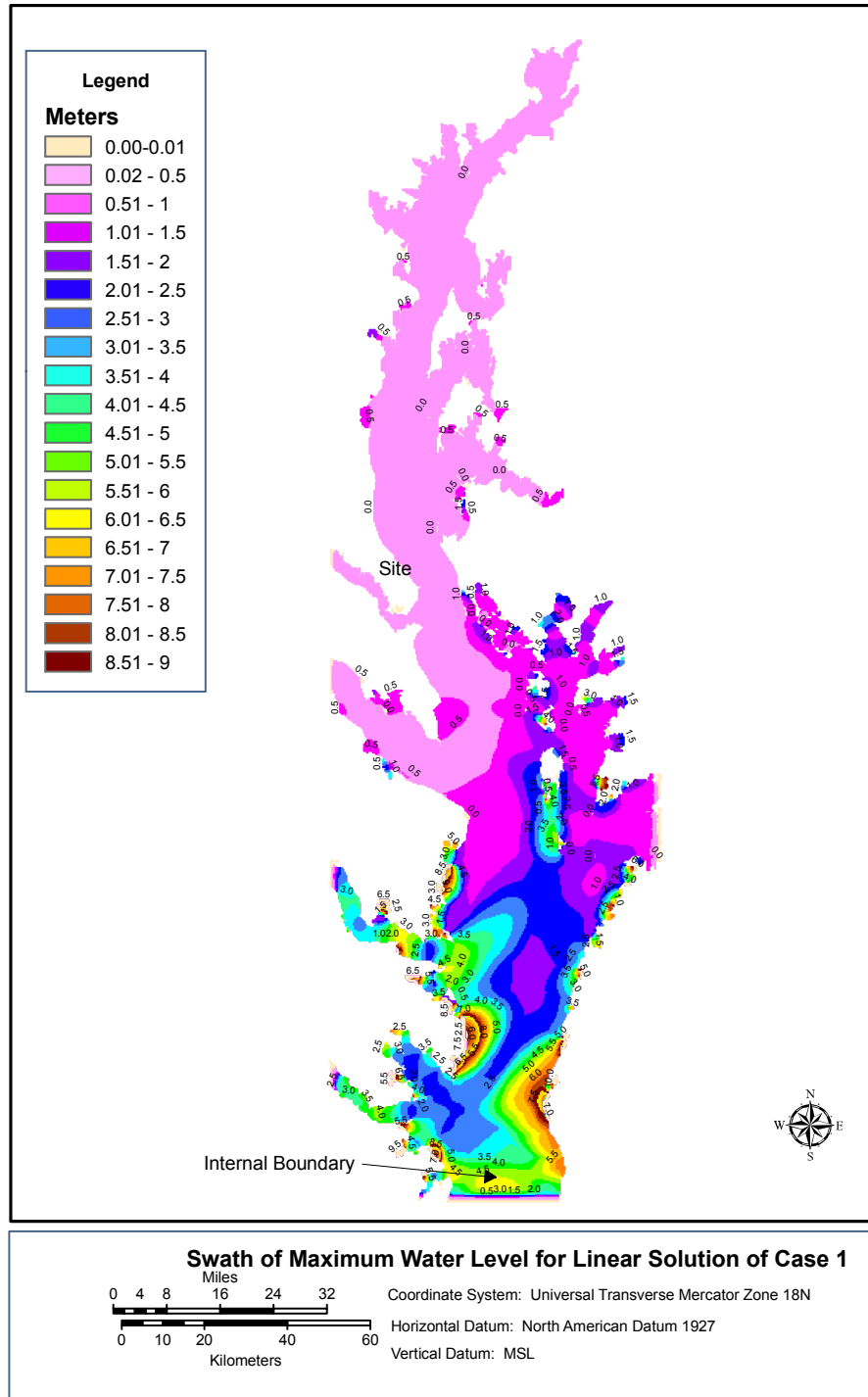
Figure 2.4-128— Contour of Maximum Water Levels for Case 1, Linear Model}

Figure 2.4-129— {Time History of Tsunami Water Levels at Site for Different Cutoff Depths, Case 1, Nonlinear Option}

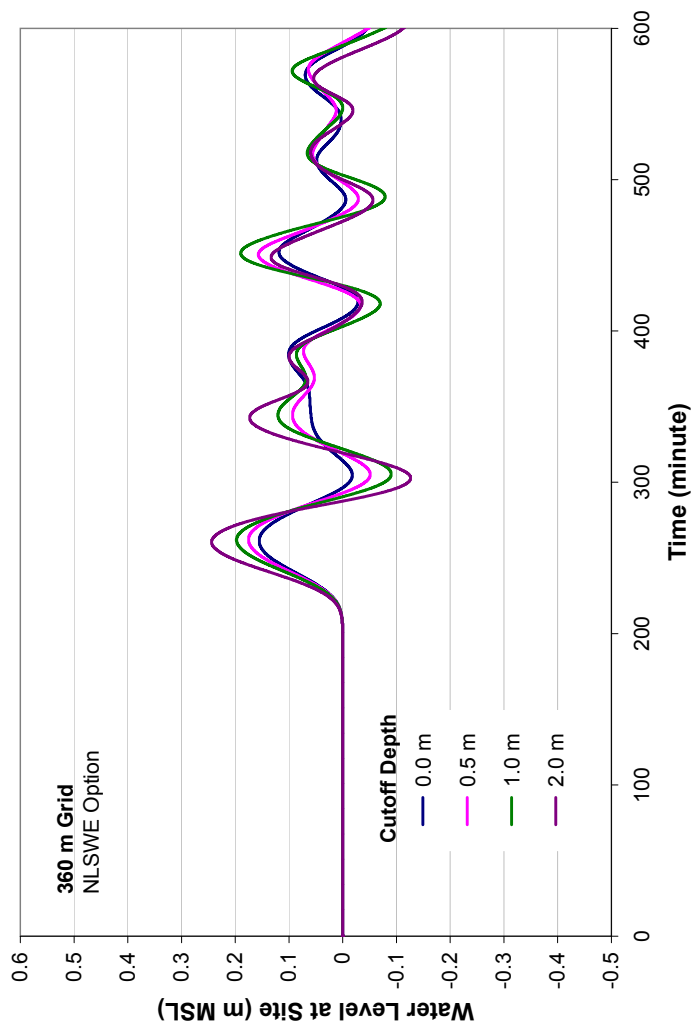


Figure 2.4-130—{Time History of Tsunami Water Levels at Site for Different Cutoff Depths, Case 1, Linear Option}

