

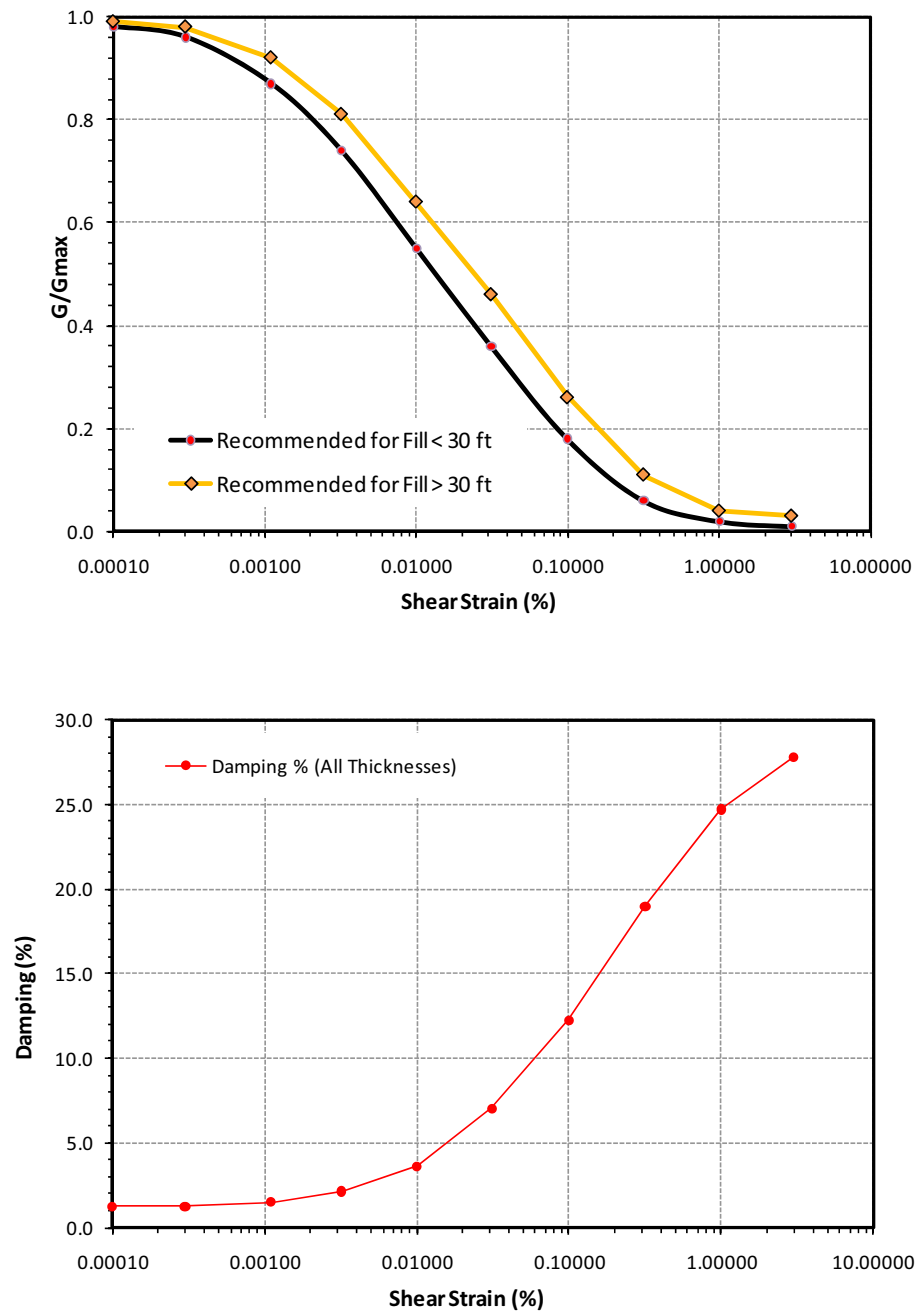
Figure 2.5-94— {Recommended Strain Dependent Properties for Engineered Fill}

Figure 2.5-95— {Casagrande Plasticity Chart}

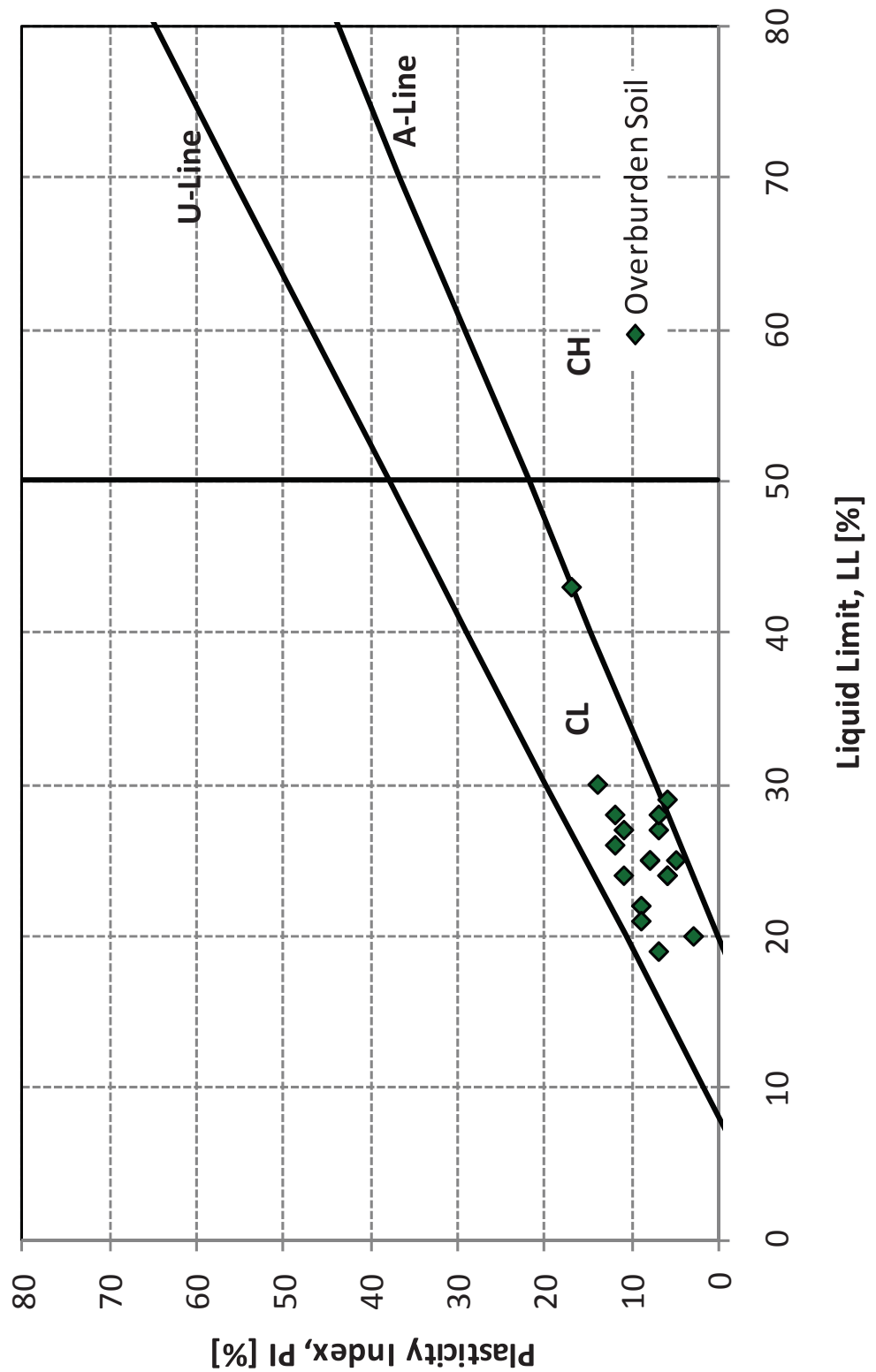


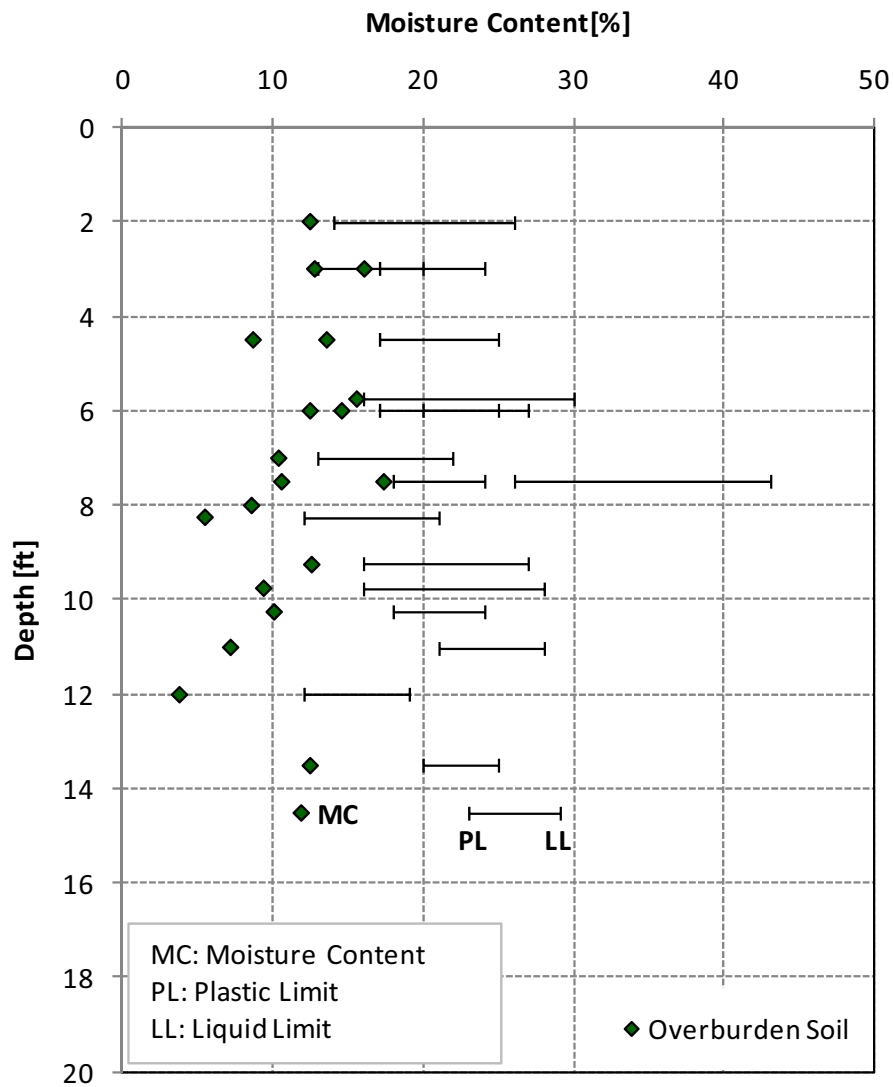
Figure 2.5-96— {Moisture Content and Atterberg Limits}

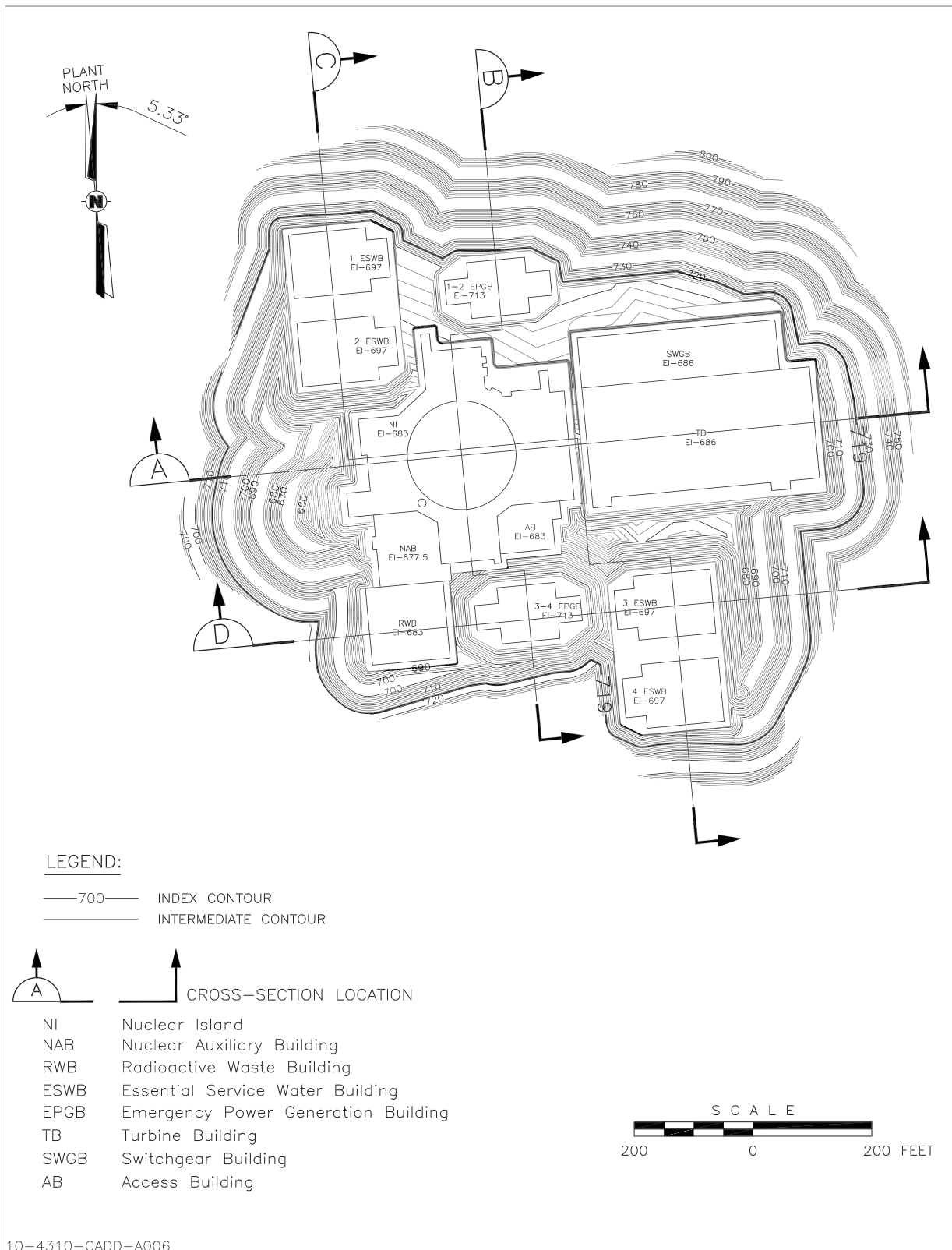
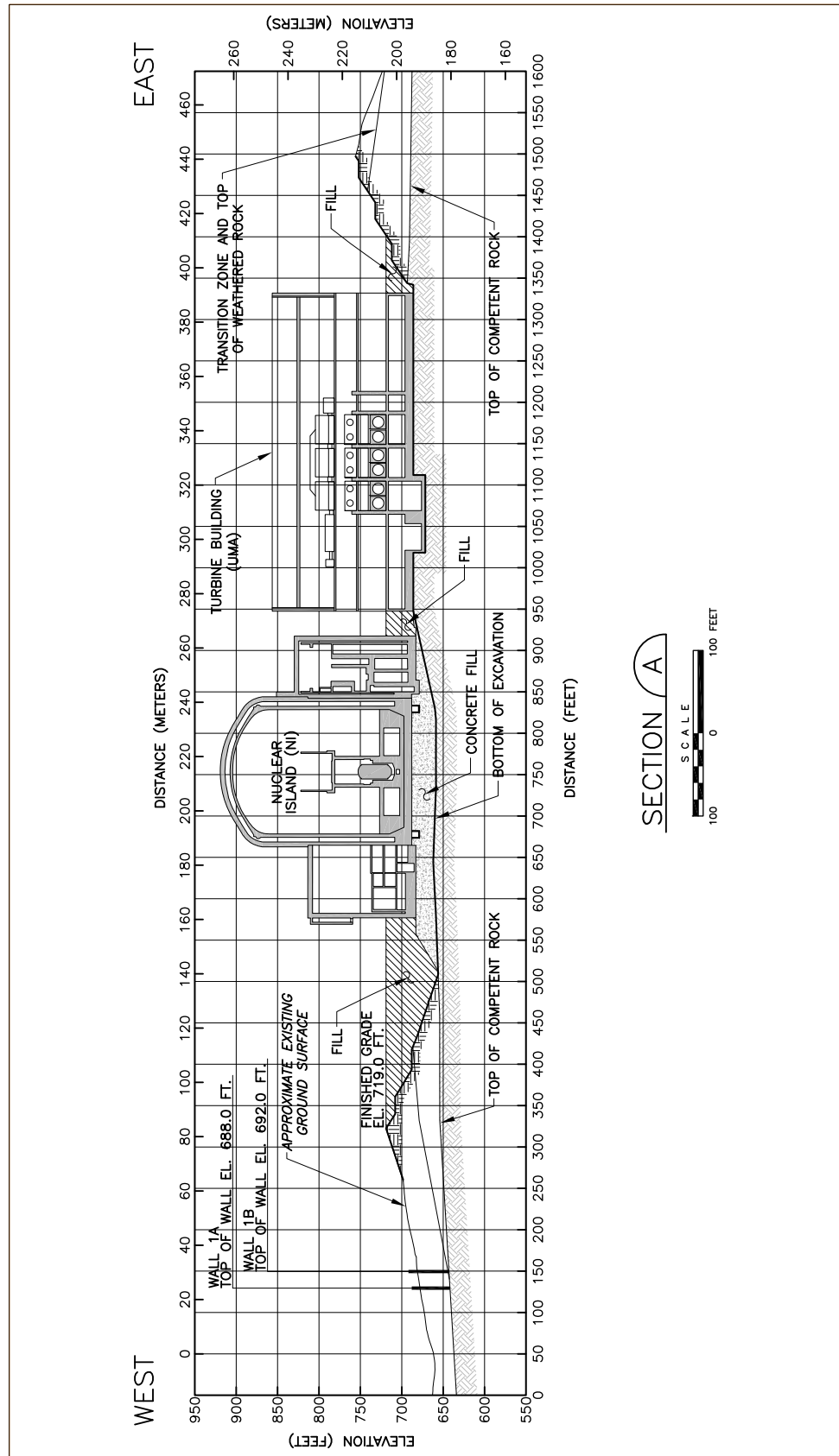
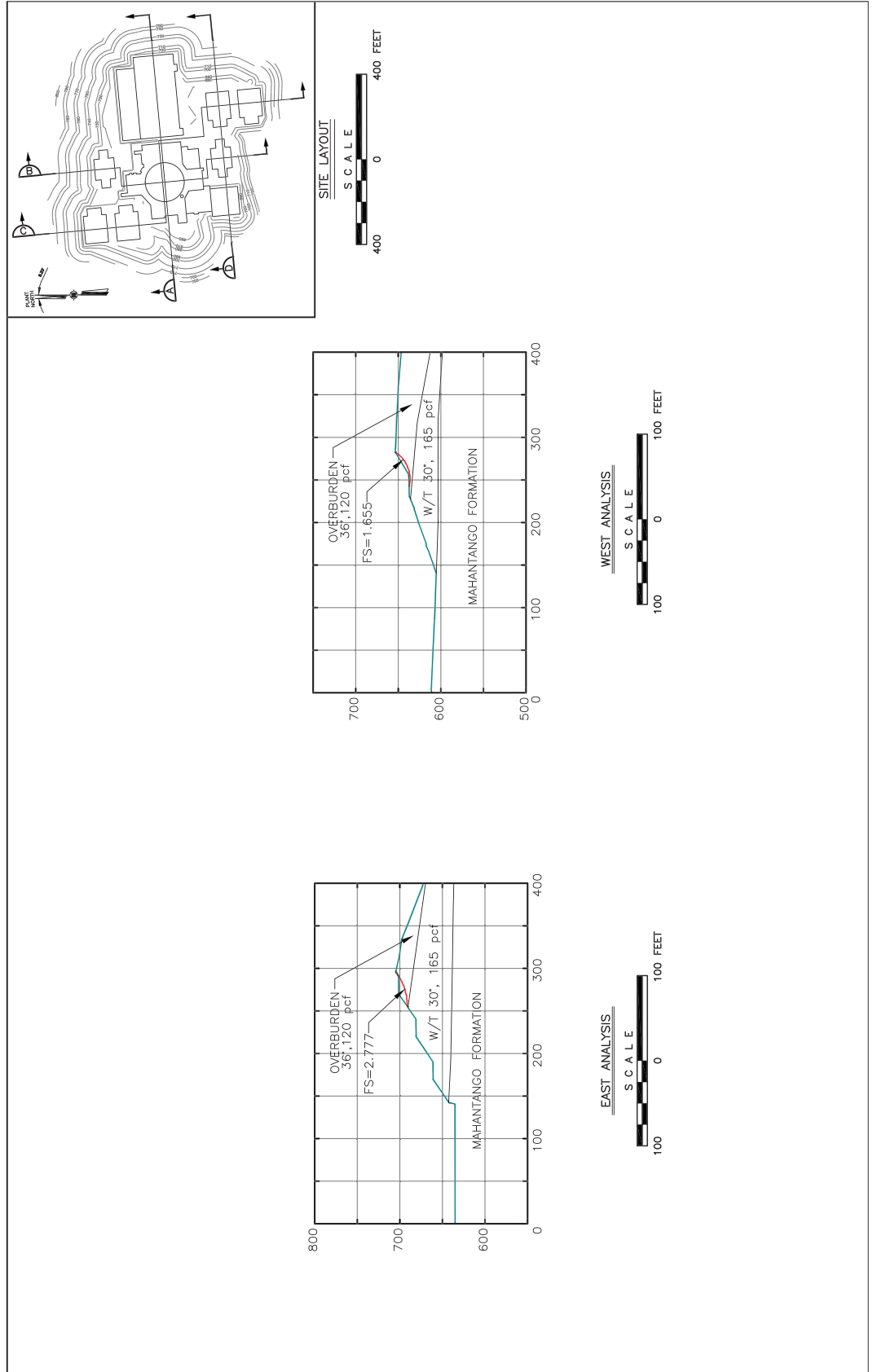
Figure 2.5-97— {Grading Plan for Power Block}

Figure 2.5-98— {Permanent Slope Section A, Power Block}



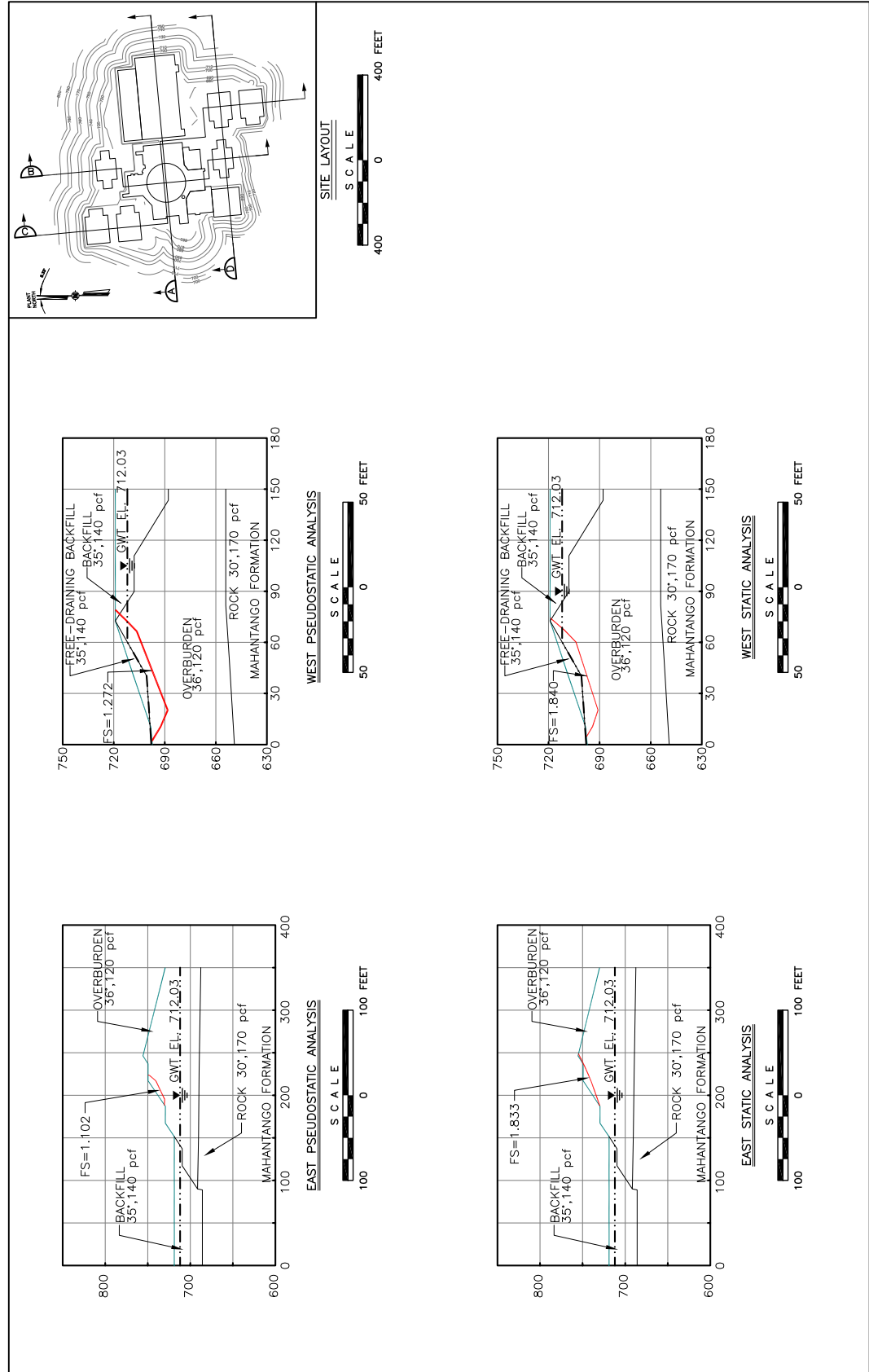
10-4310-CADD-B68

Figure 2.5-99— {Power Block Section AA Temporary Slopes}



10-4310-CADD-B81

Figure 2.5-100— {Power Block Section AA Permanent Slopes}



10-4310-CADD-B77

Figure 2.5-101—{Permanent Slope Section B, Power Block}

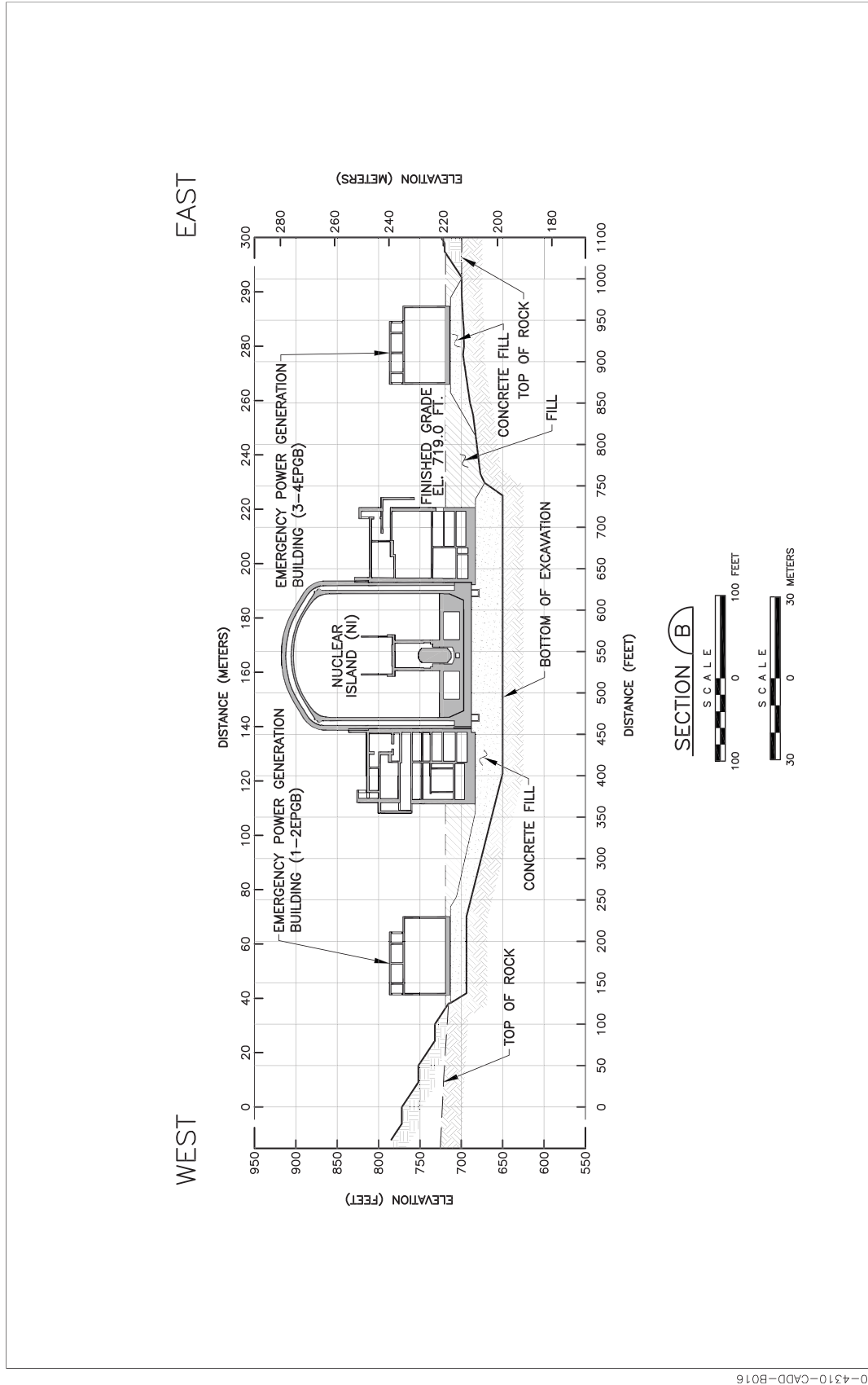
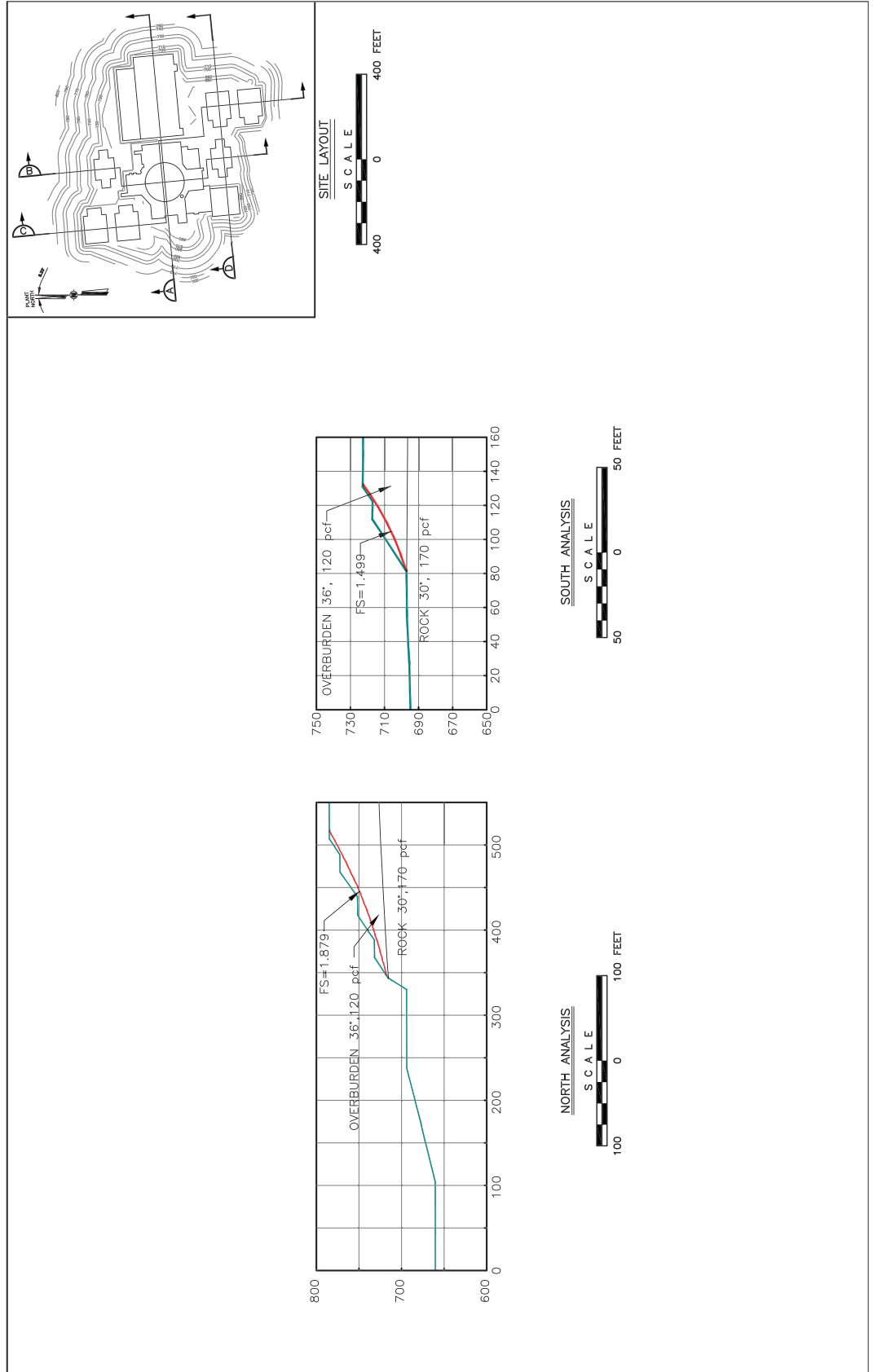
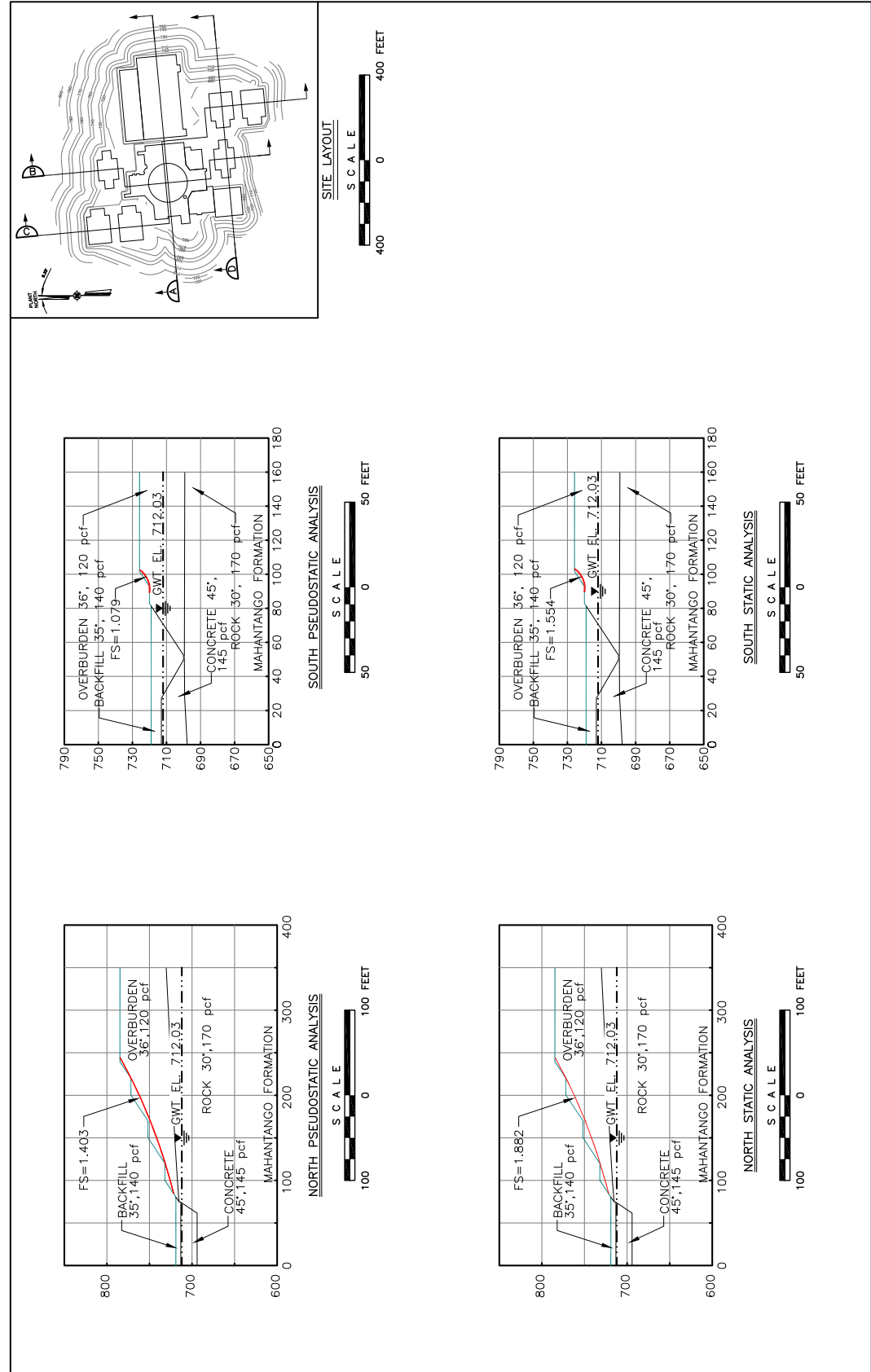


Figure 2.5-102— {Power Block Section BB Temporary Slopes}



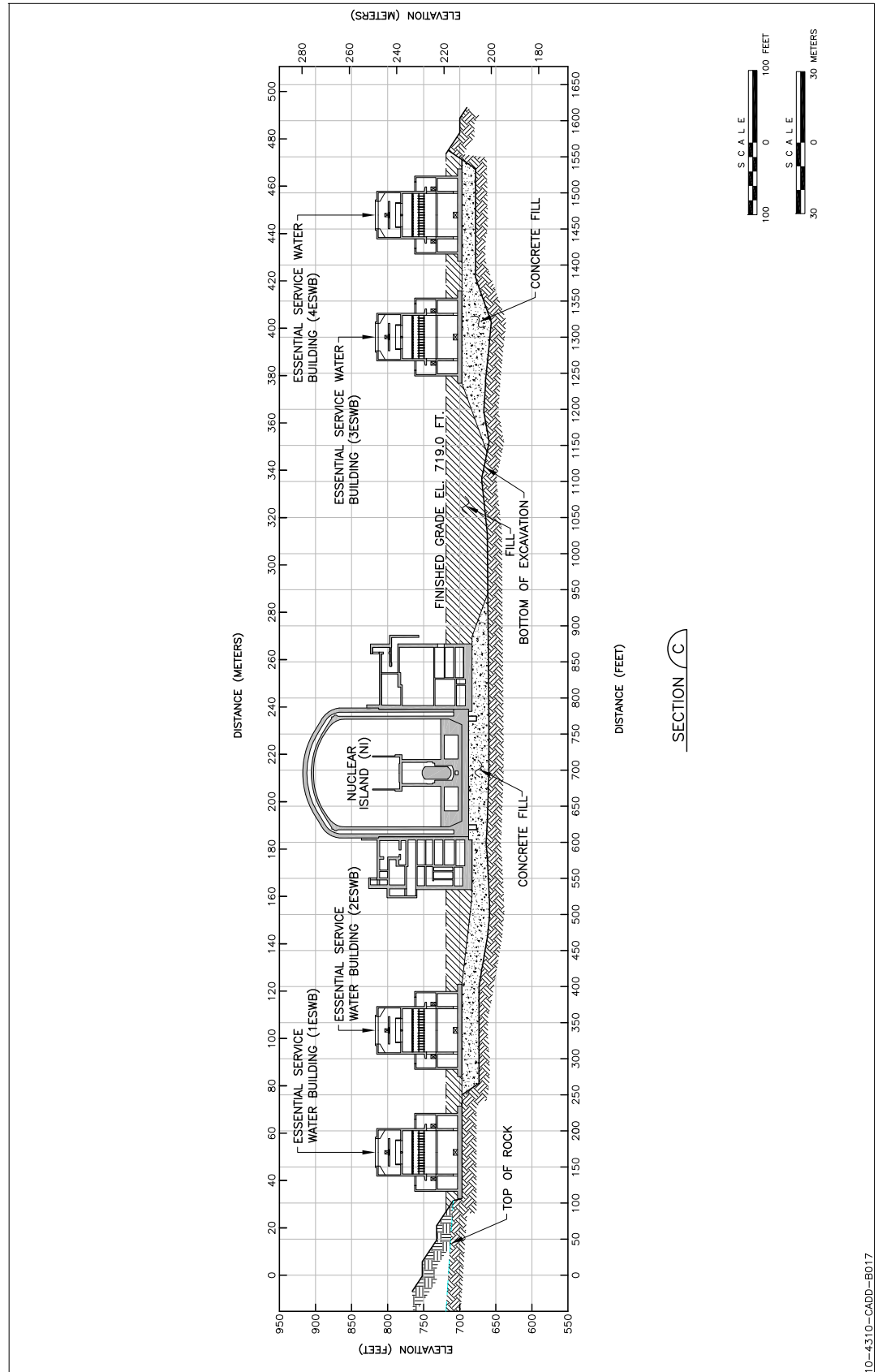
10-4310-CADD-B79

Figure 2.5-103— {Power Block Section BB Permanent Slopes}



10-4310-CADD-B78

Figure 2.5-104—{Permanent Slope Section C, Power Block}



10-4310-CADD-B017

Figure 2.5-105— {Power Block Section CC Temporary Slope}

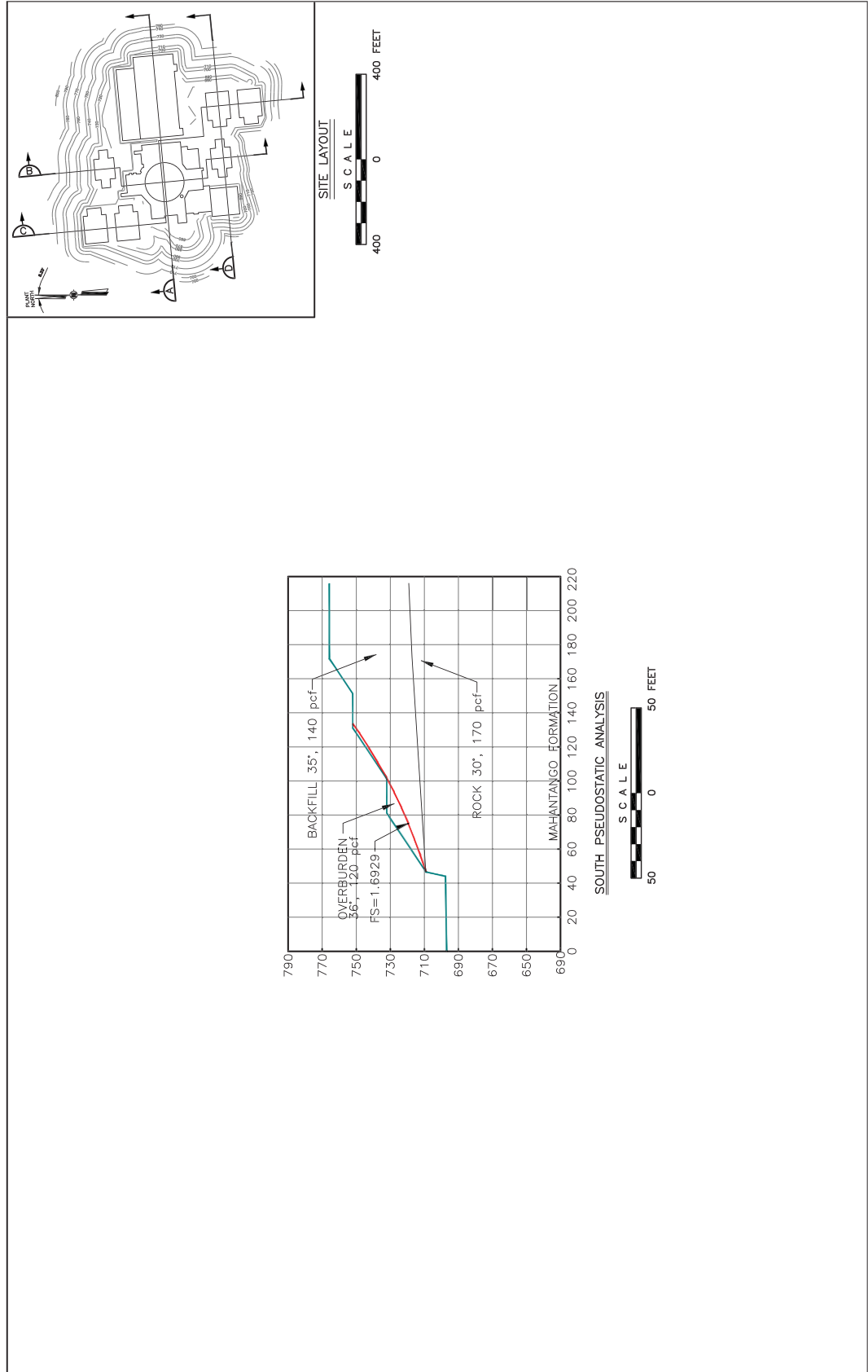
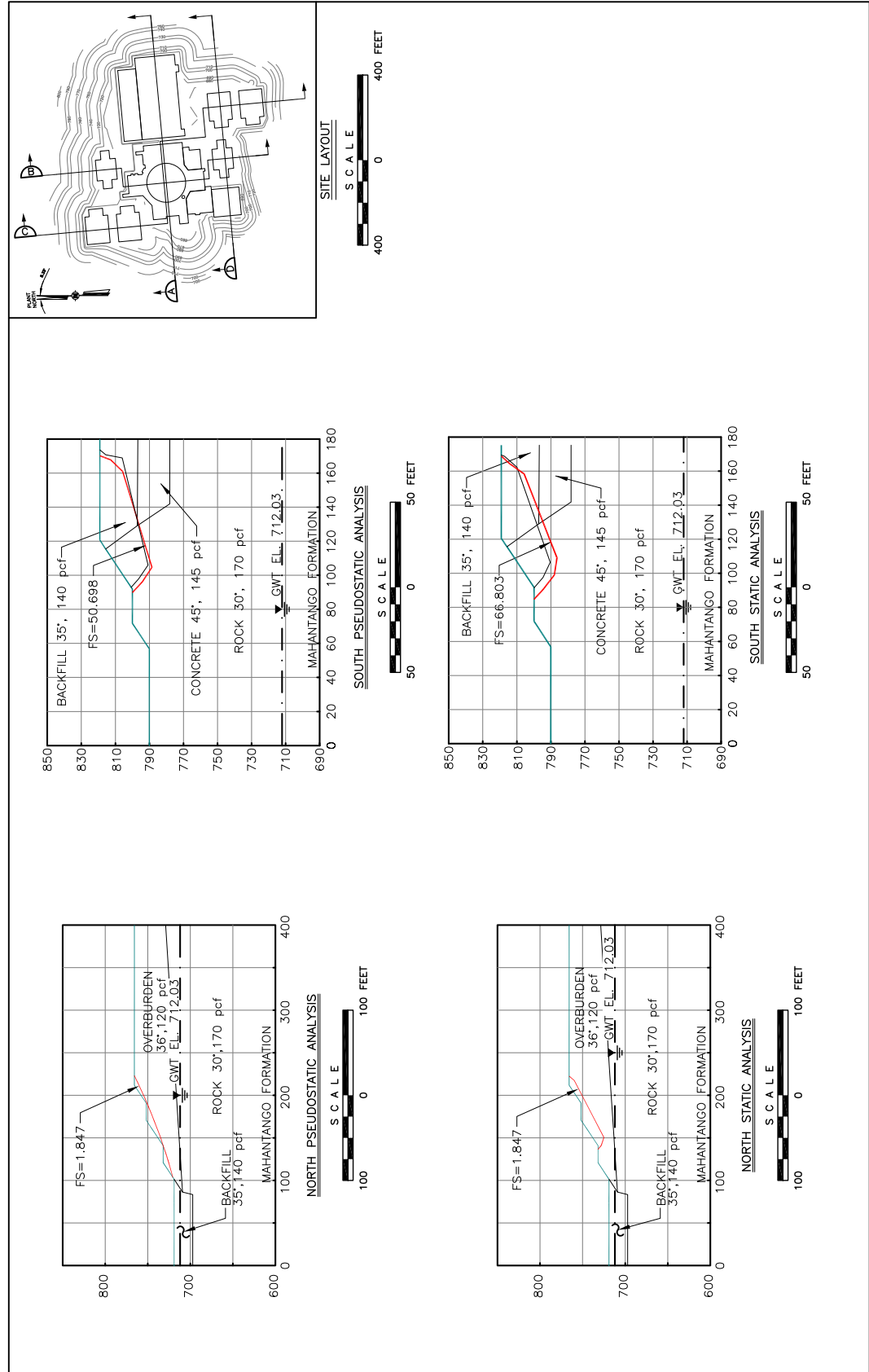


Figure 2.5-106— {Power Block Section CC Permanent Slopes}



10-4310-CADD-B80

Figure 2.5-107 — {Permanent Slope Section D, Power Block}

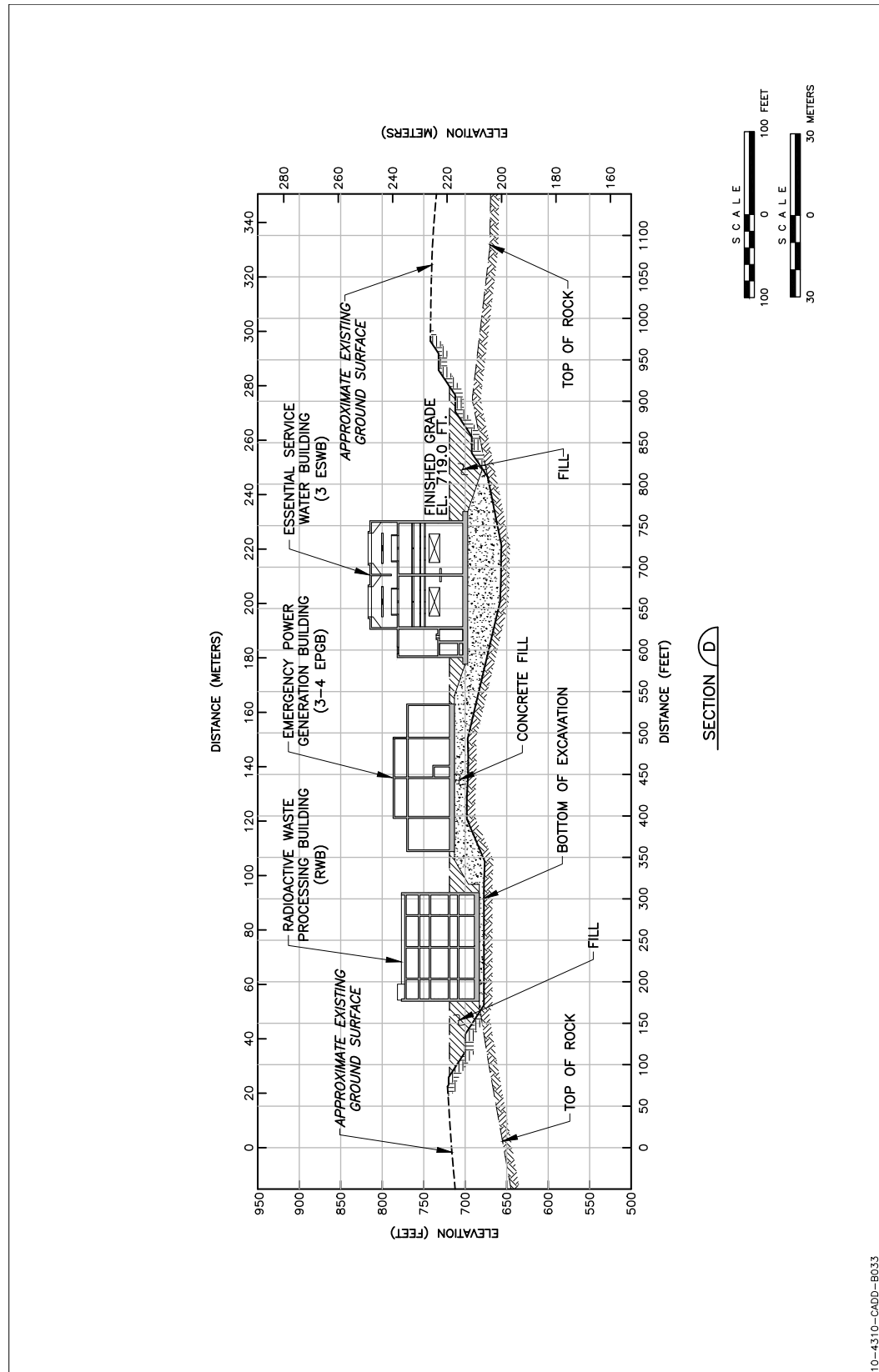
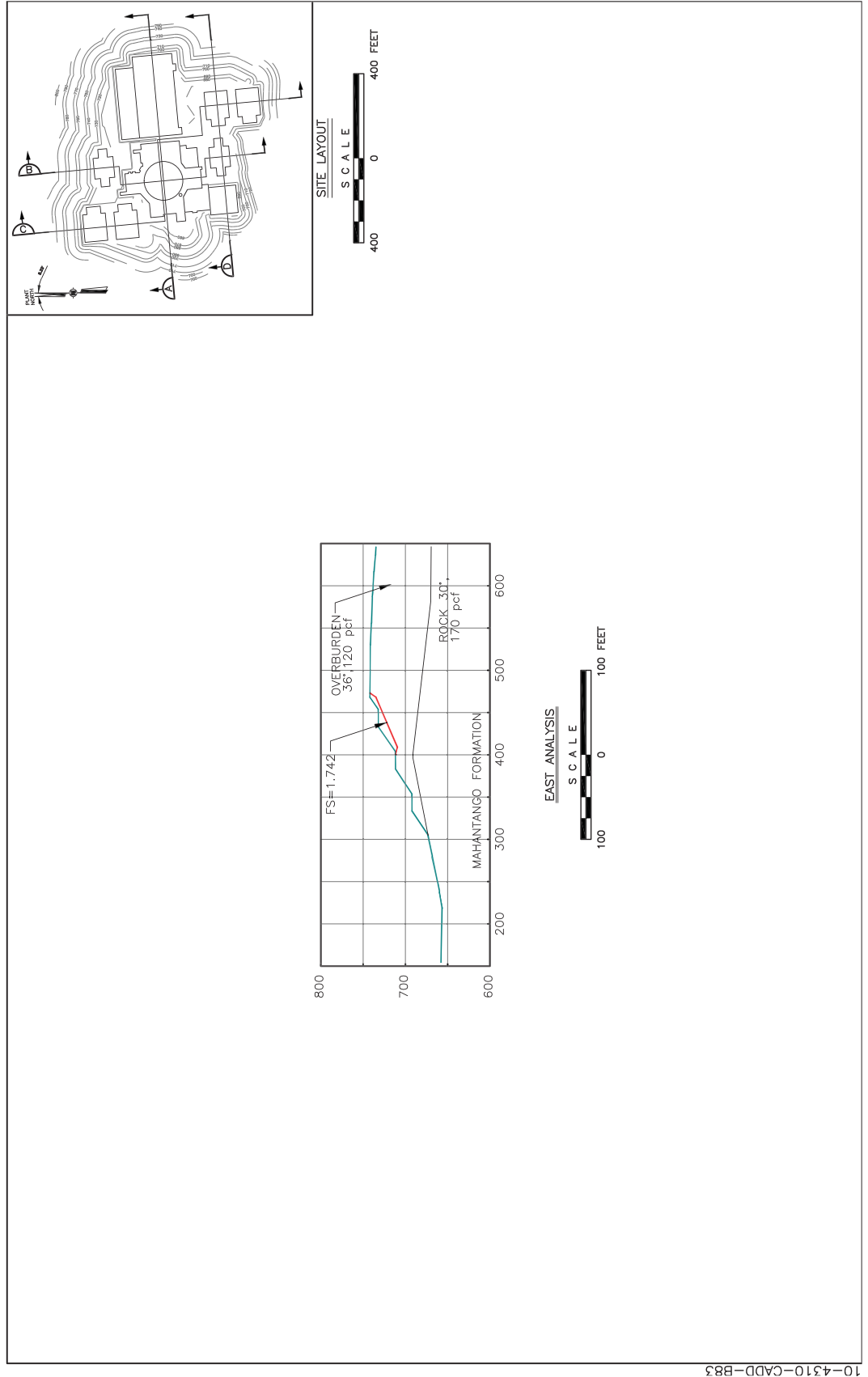
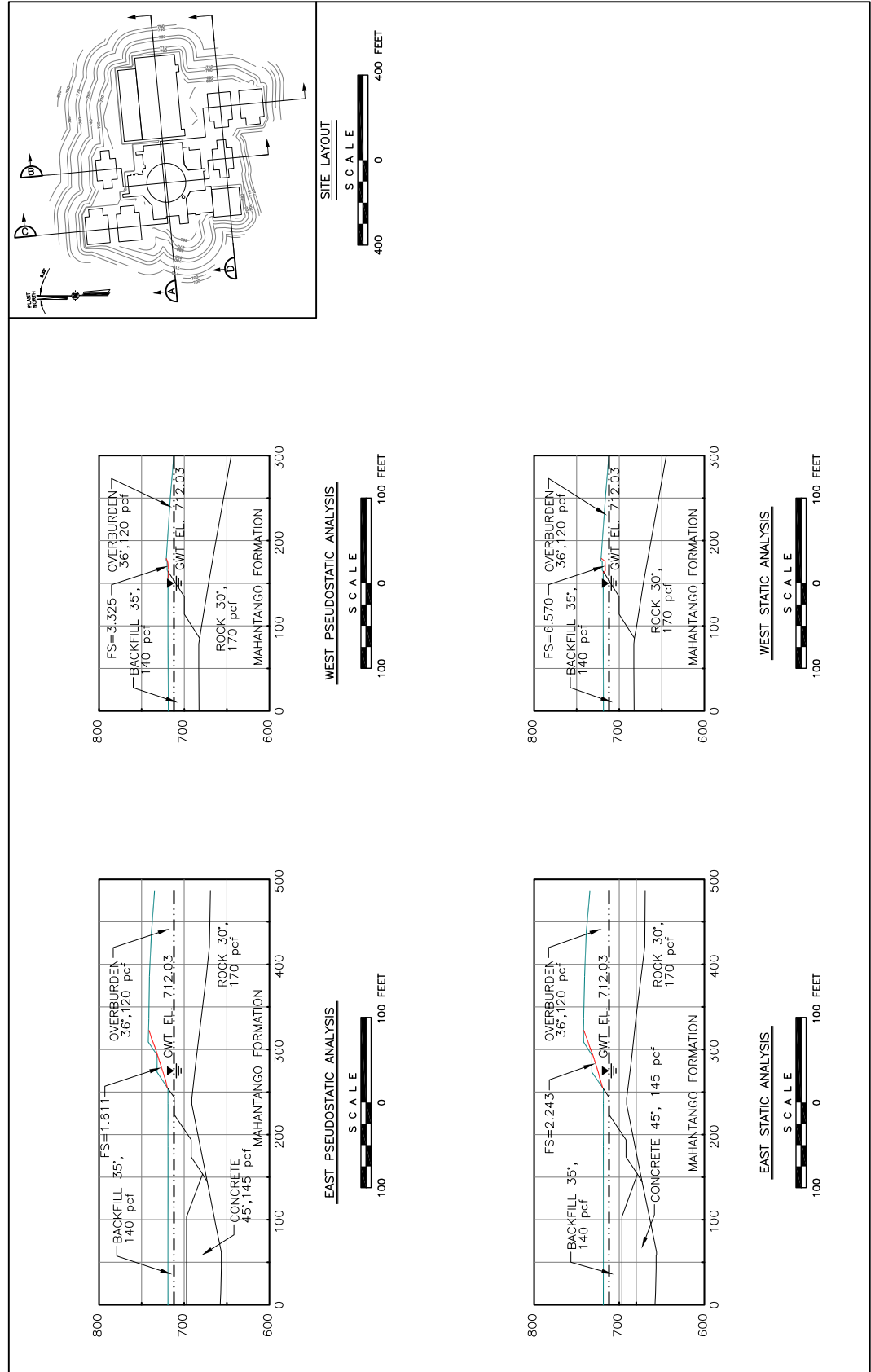


Figure 2.5-108— {Power Block Section DD Temporary Slope}



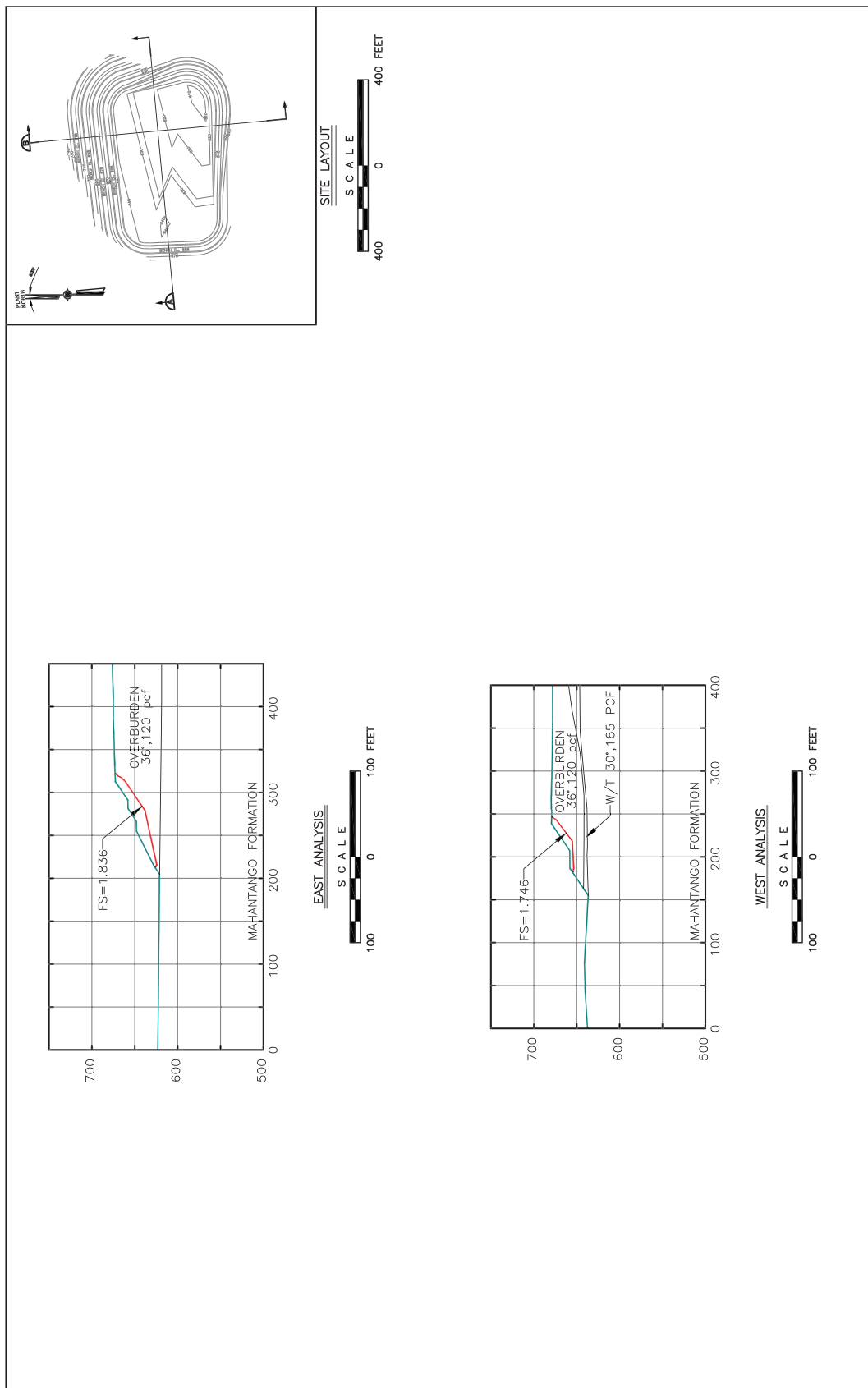
10-4310-CADD-B83

Figure 2.5-109—{Power Block Section DD Permanent Slopes}



10-4310-CADD-B82

Figure 2.5-110—{ESWEMS Retention Pond Section AA Temporary Slopes}



10-4310-CADD-B86

Figure 2.5-111— {ESWEMS Retention Pond Section AA East Side Permanent Slopes}

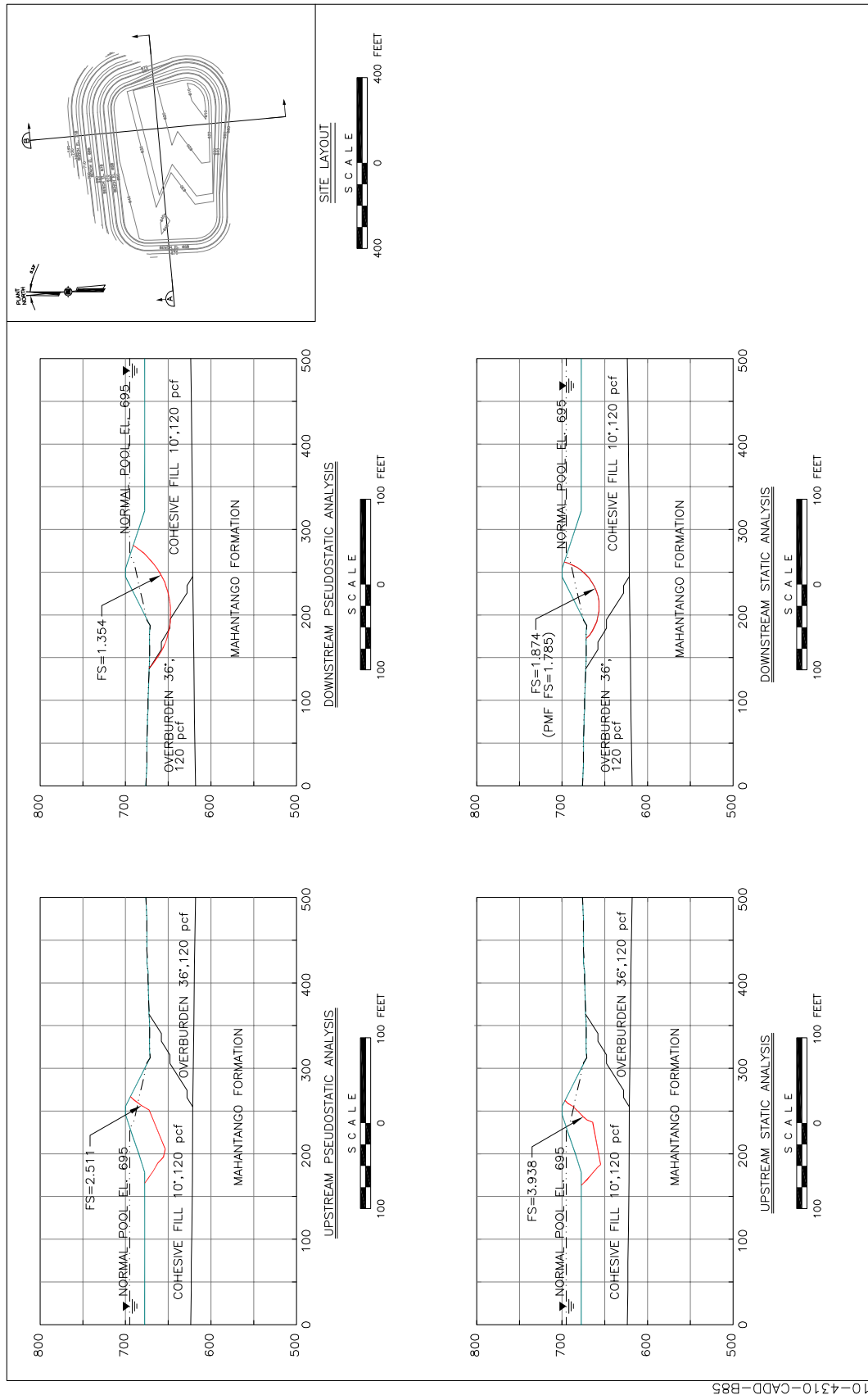


Figure 2.5-112— {ESWEMS Retention Pond Section AA West Side Permanent Slopes}

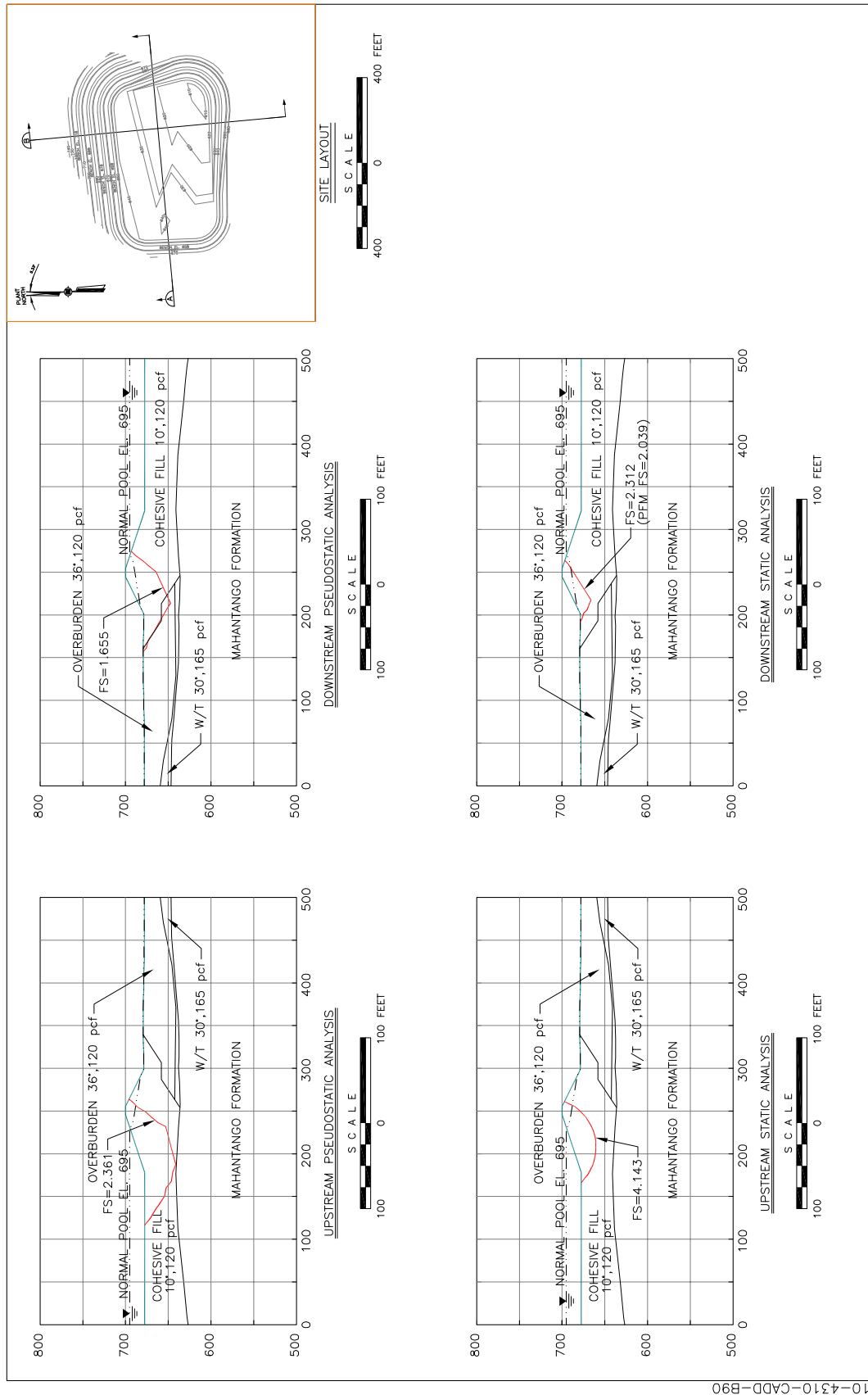


Figure 2.5-113 — {Permanent Slope Section B, ESWEMS Retention Pond}

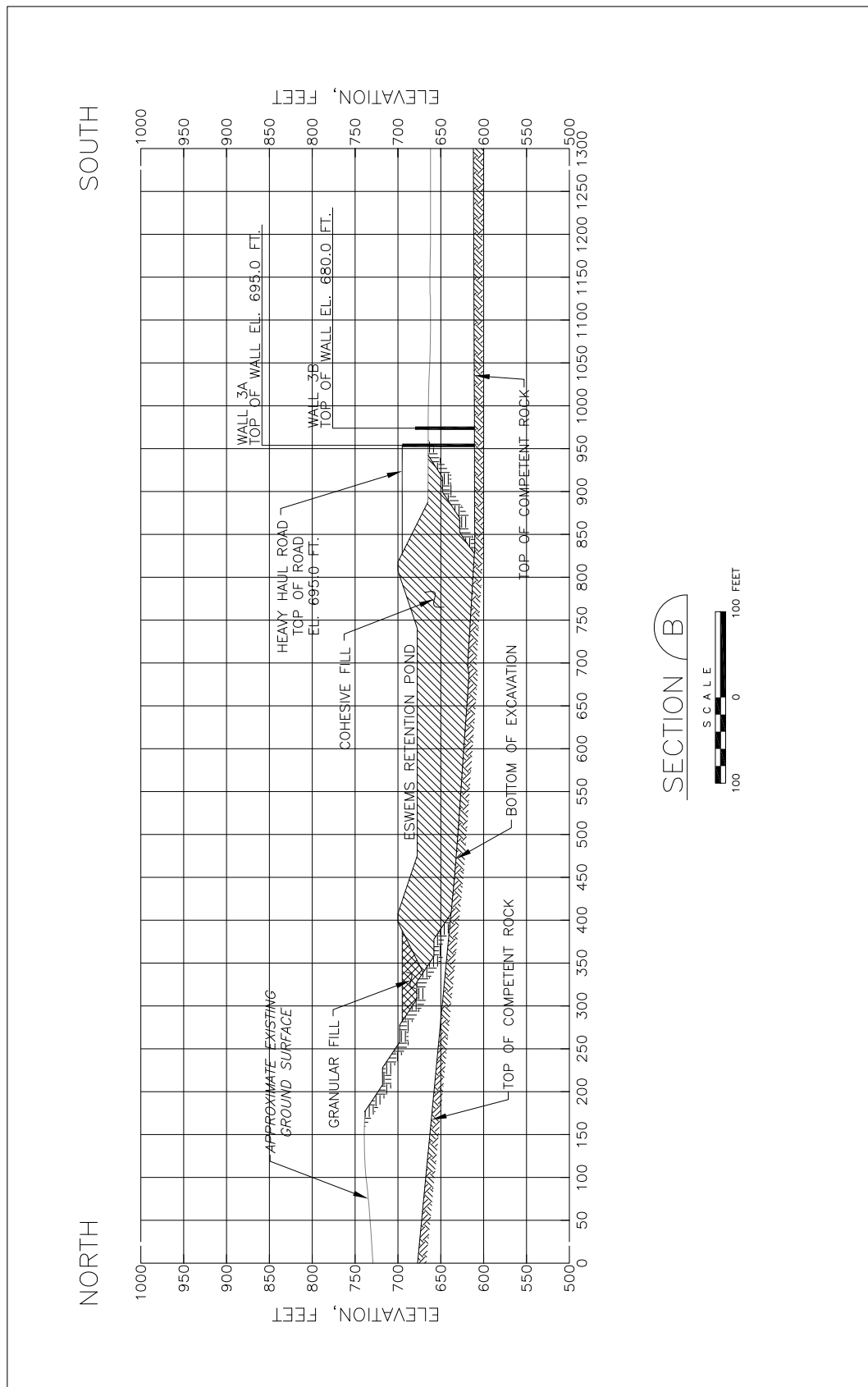


Figure 2.5-114—{ESWEMS Retention Pond Section BB Temporary Slopes}

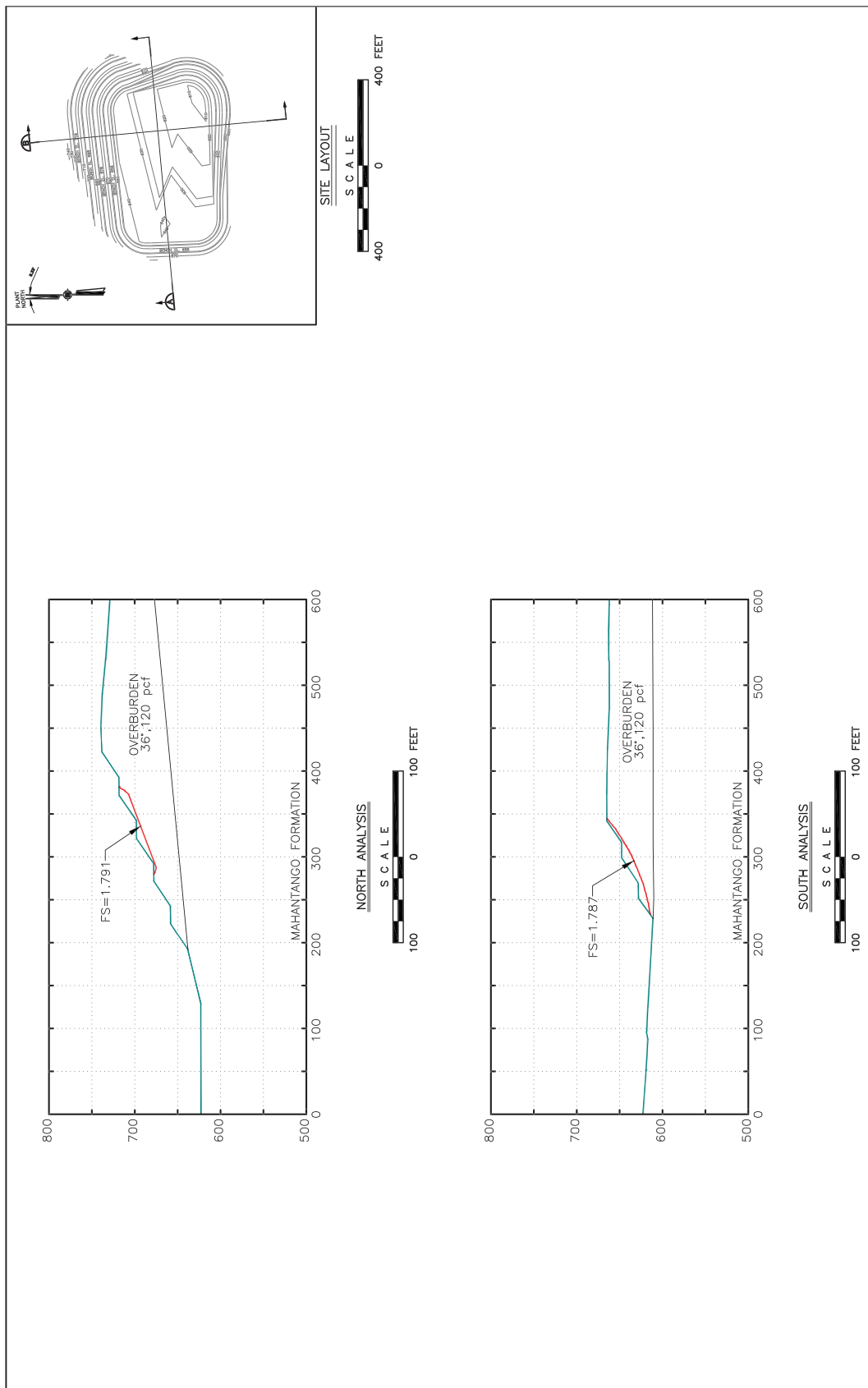


Figure 2.5-115— {ESWEMS Retention Pond Section BB North Side Permanent Slopes}

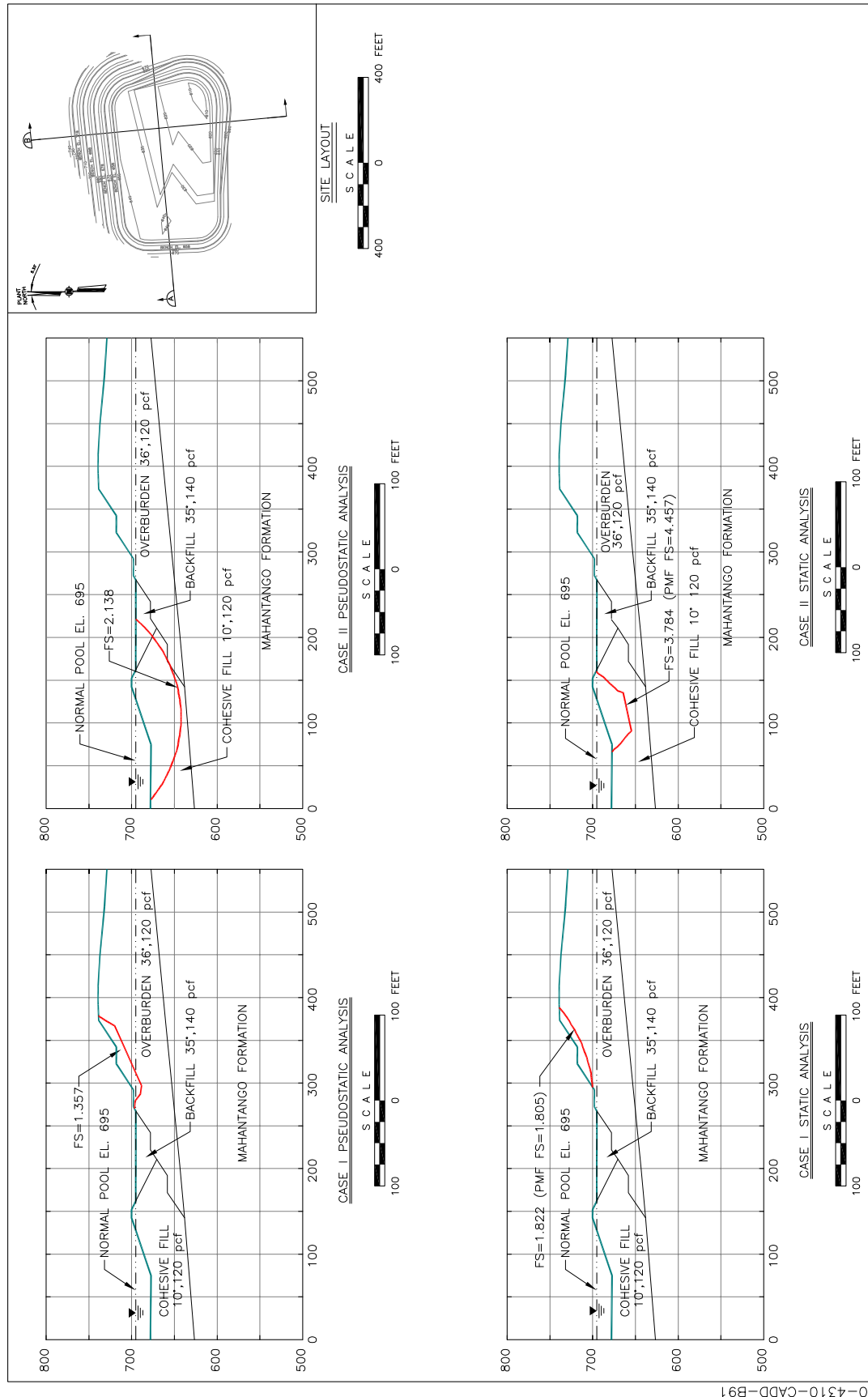
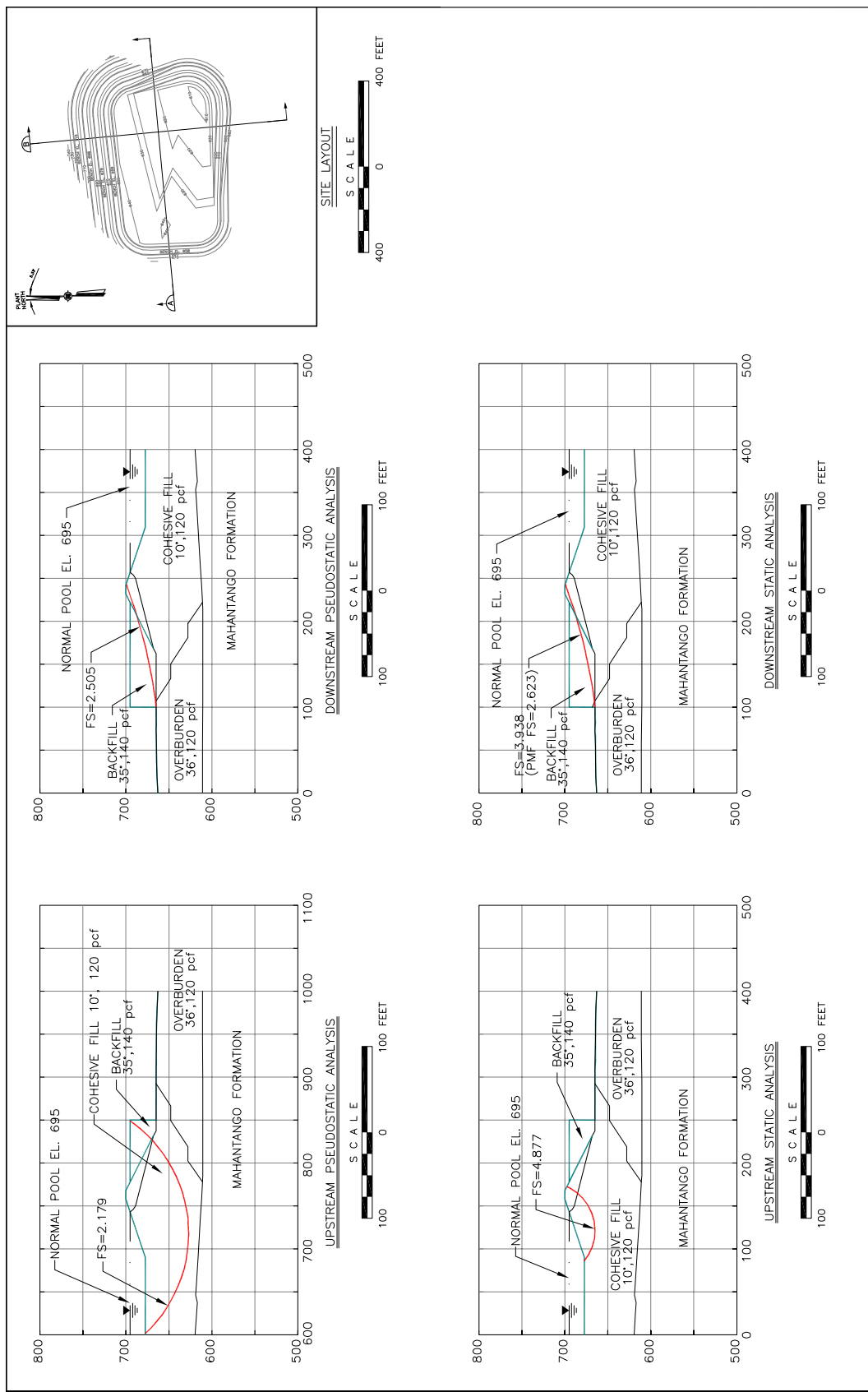


Figure 2.5-116— {ESWEMS Retention Pond Section BB South Side Permanent Slopes}



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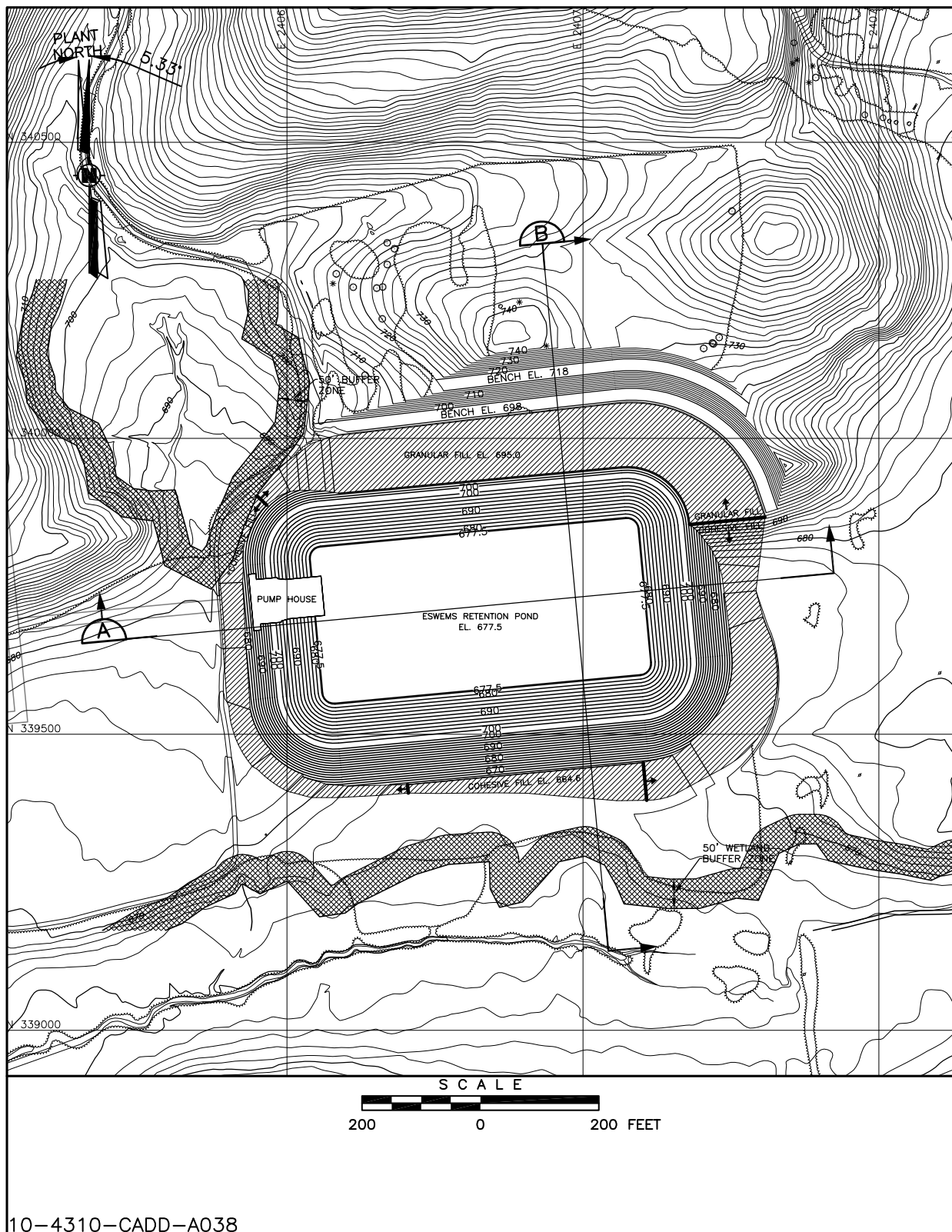
Figure 2.5-117— {Grading Plan for ESWEMS Retention Pond}

Figure 2.5-118—{Permanent Slope Section A, ESWEMS Retention Pond}

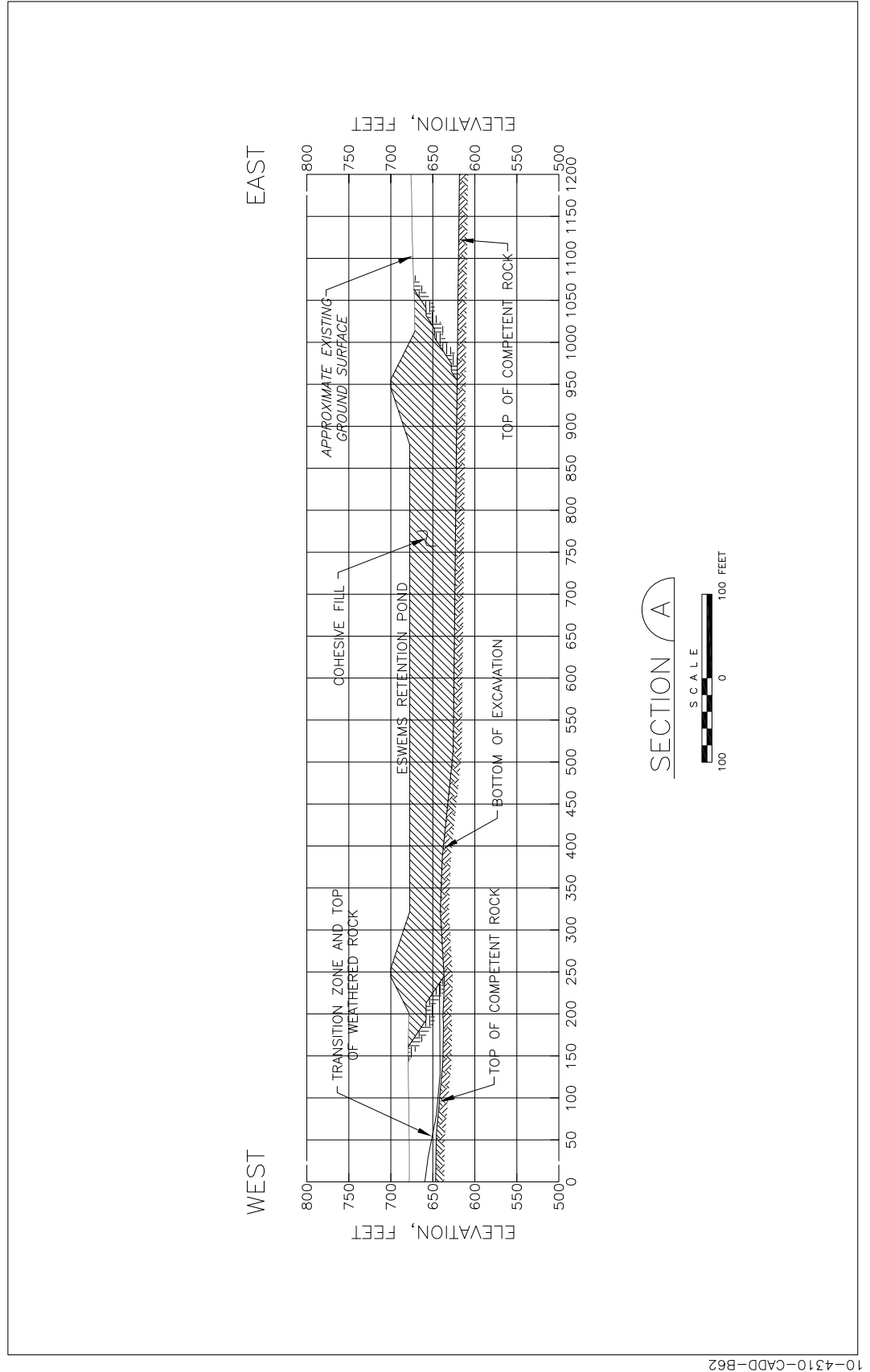


Figure 2.5-119—{Liquefaction Analysis Vs Method}

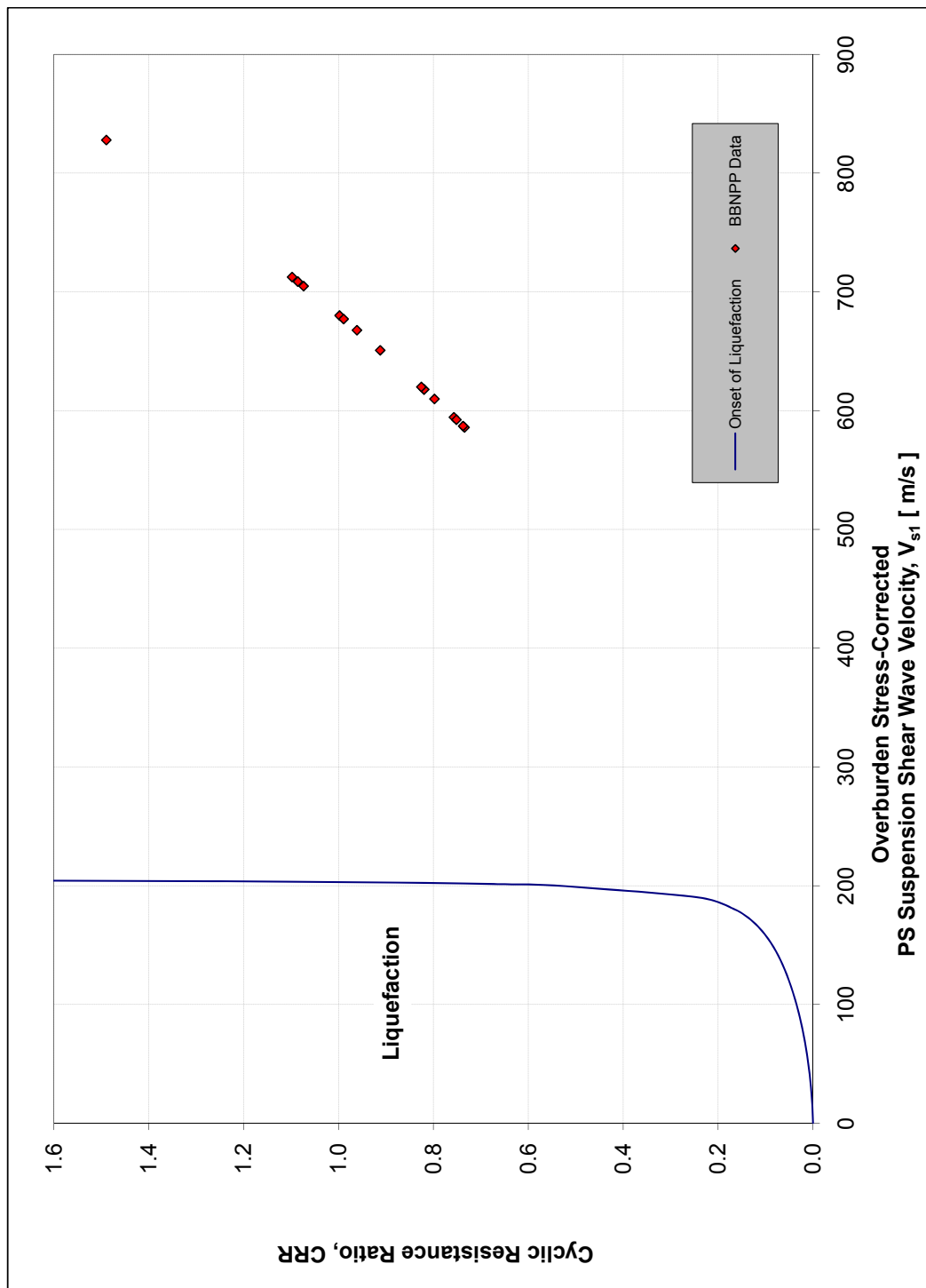


Figure 2.5-120— {Liquefaction Analysis, SPT Method}

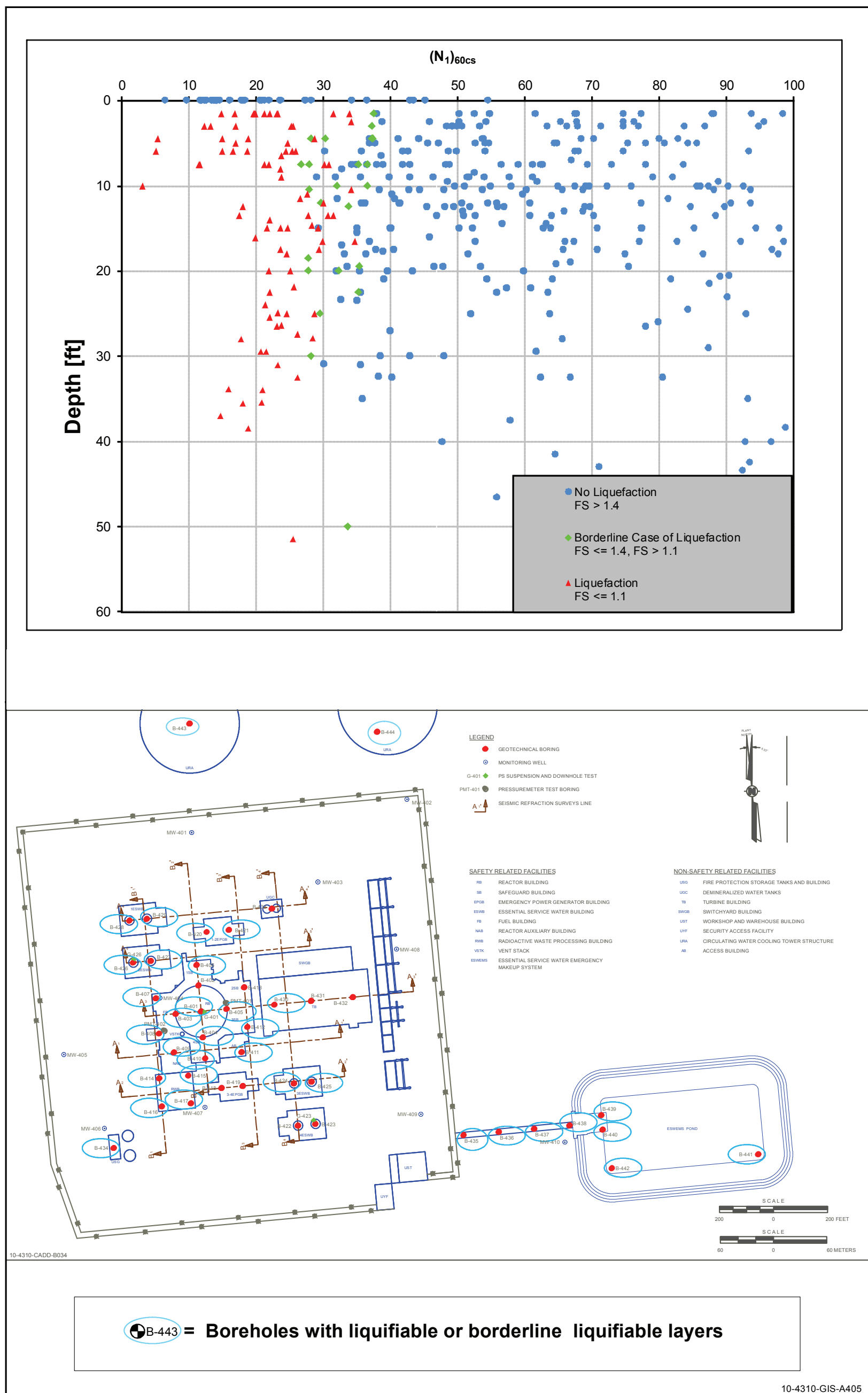


Figure 2.5-121 — {Examples of Earth Pressure Diagrams}

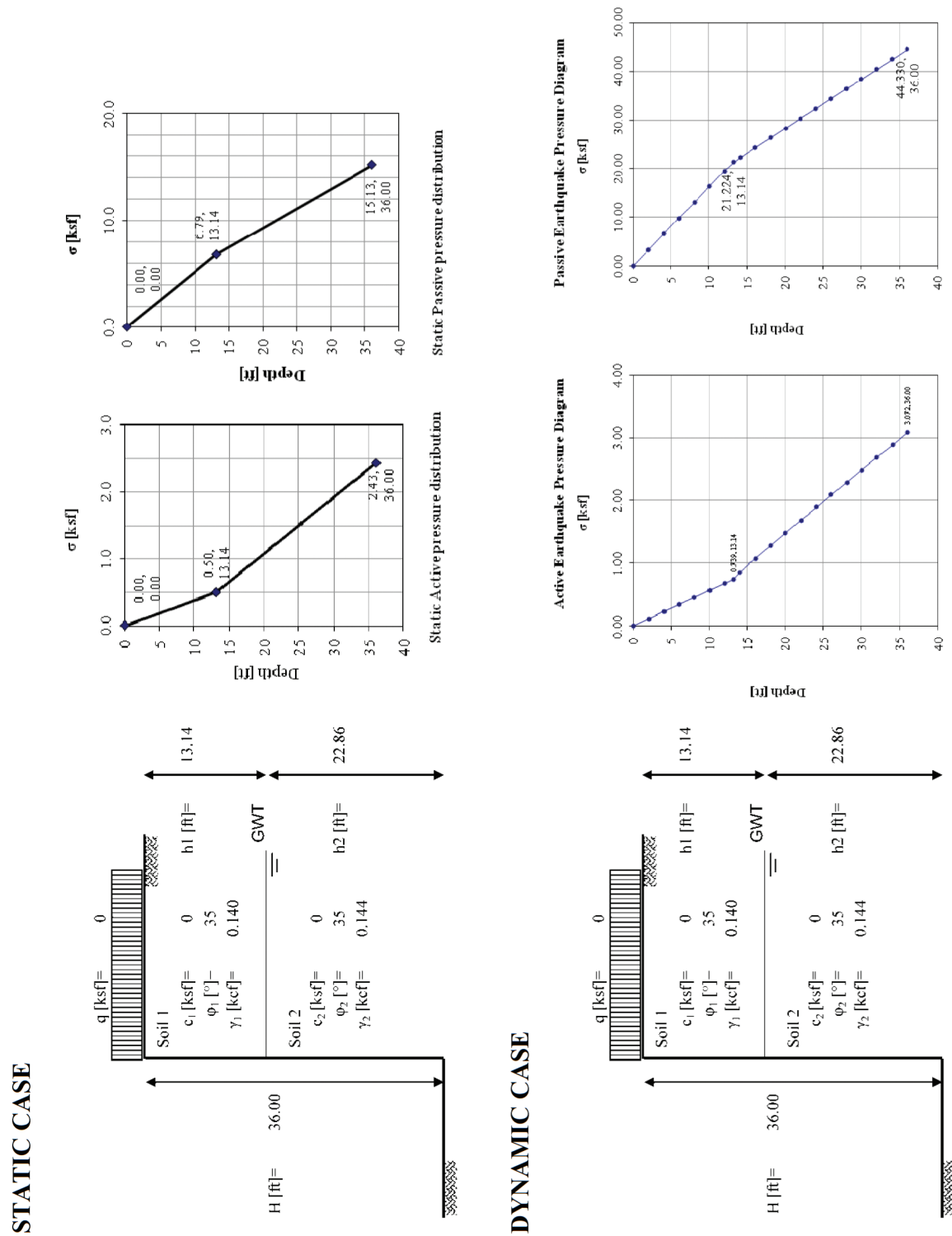


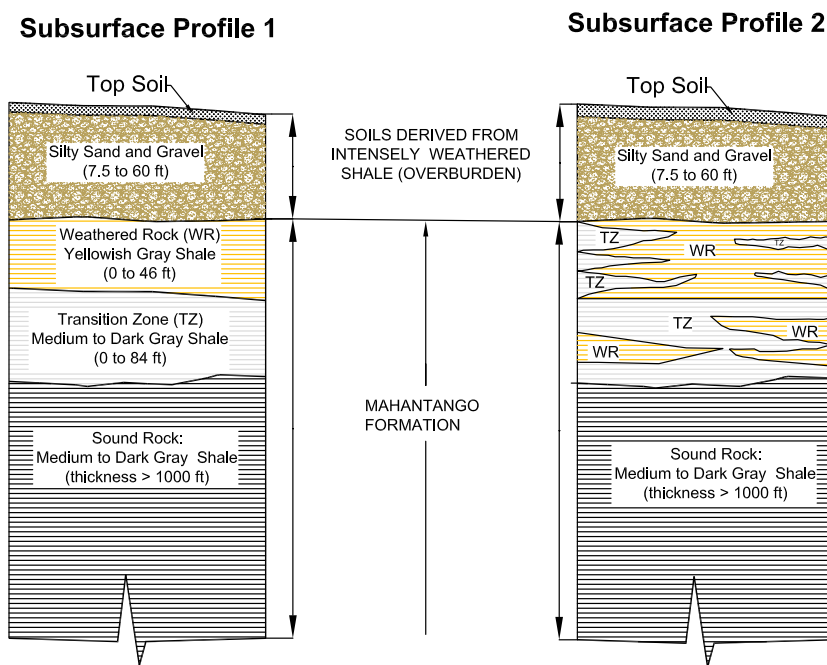
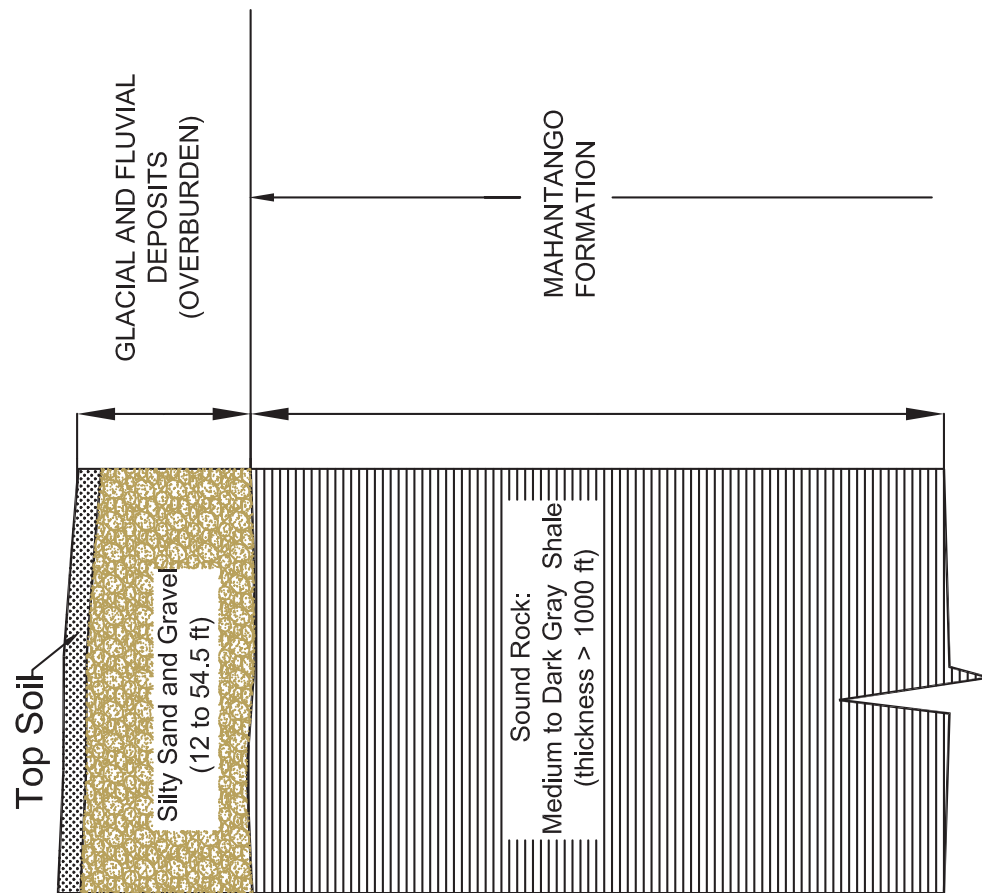
Figure 2.5-122— {Generic Subsurface Profiles for Powerblock}

Figure 2.5-123 — {Generic Subsurface Profiles for ESWEMS Pond Area}

Subsurface Profile 3



Note: Values shown on Figure represent minimum to maximum thickness

Figure 2.5-124— {Regional Geology Map 200 Mile (322 km) Radius}

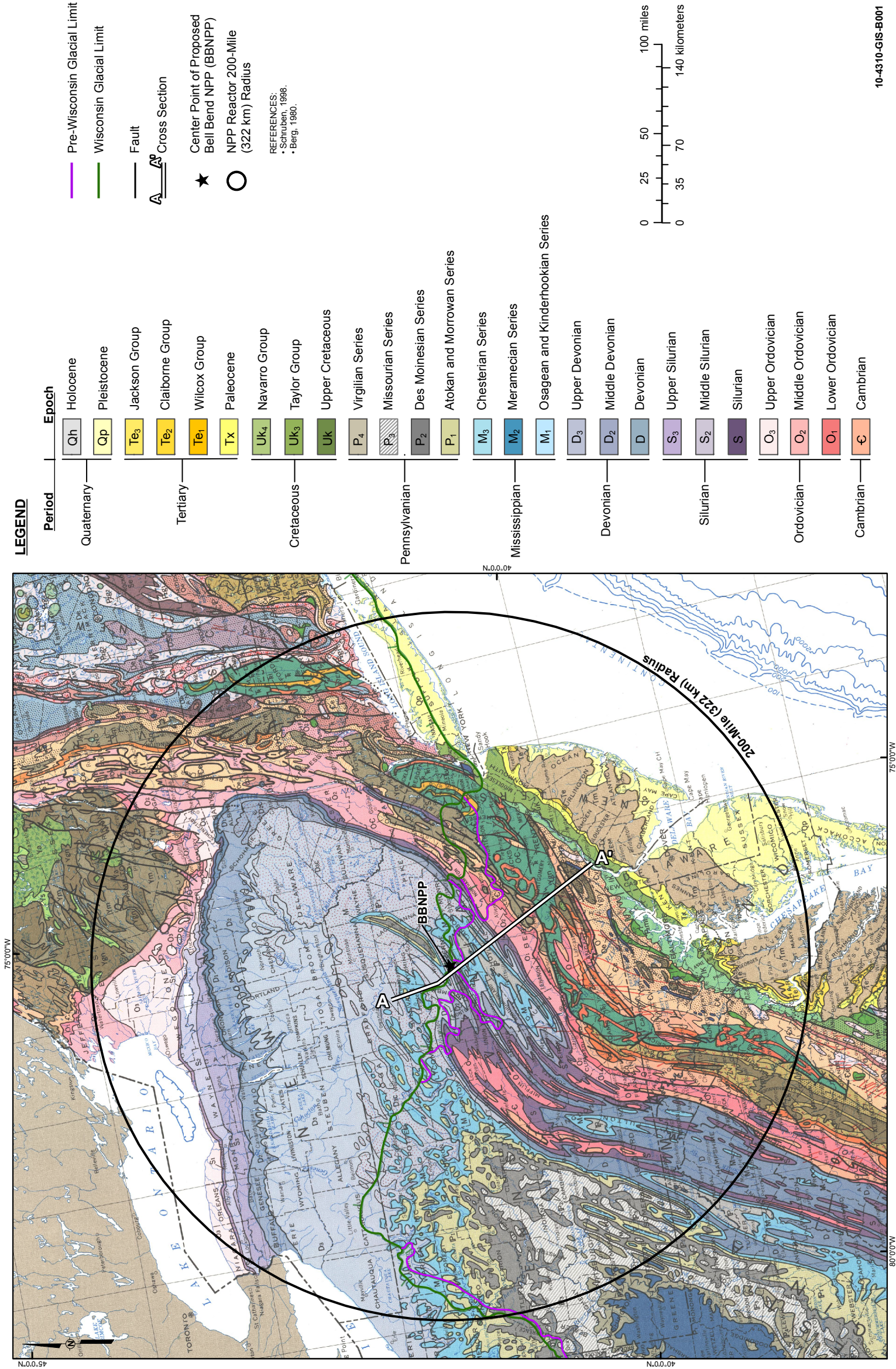
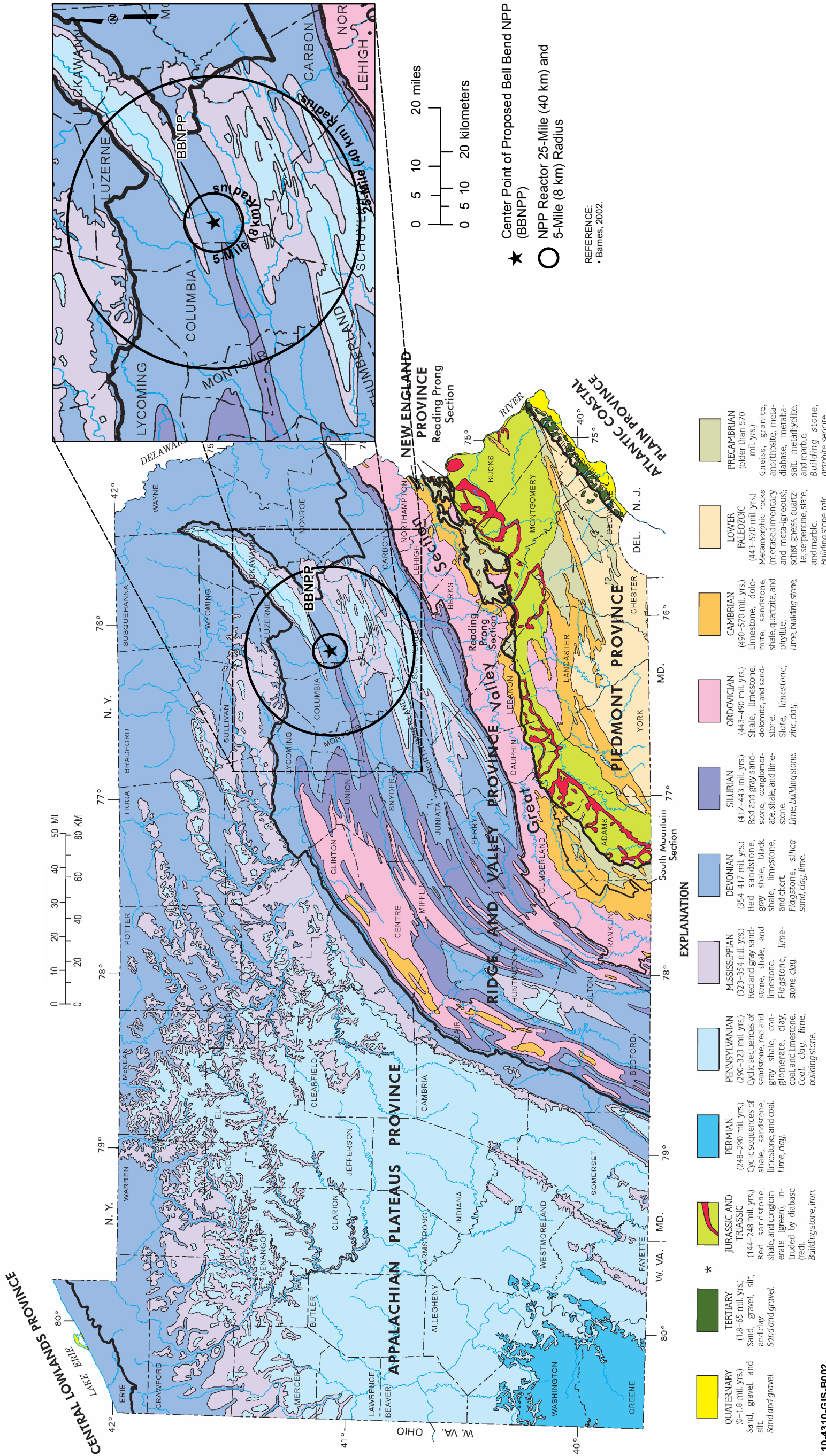


Figure 2.5-125— {Geologic Map of Pennsylvania with Physiographic Provinces 25 Mile (40 km) and 5 Mile (8 km) Radii}



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Figure 2.5-126— {Physiographic Provinces and Sections of Pennsylvania 25 Mile (40 km) and 5 Mile (8 km) Radii}

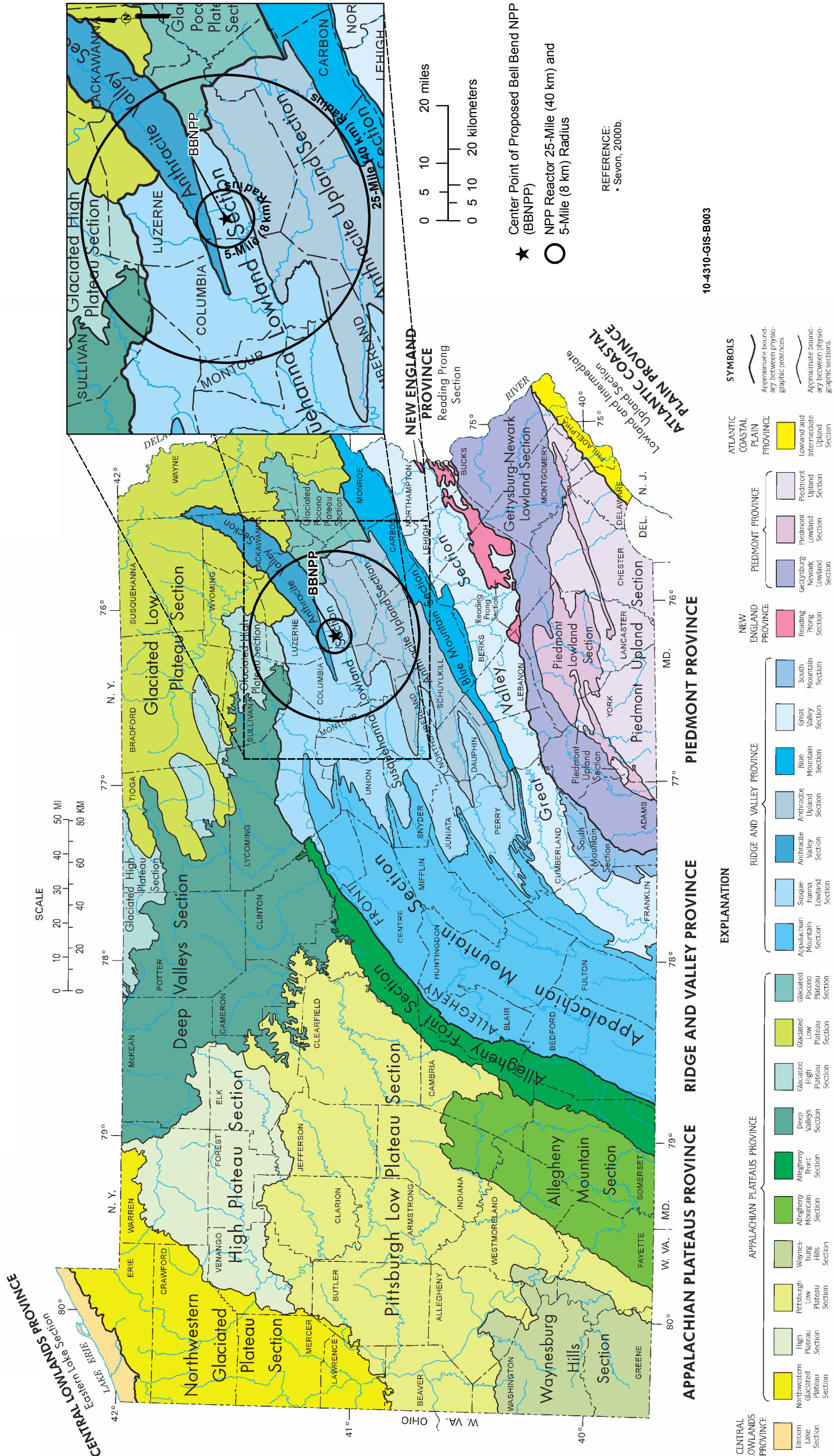
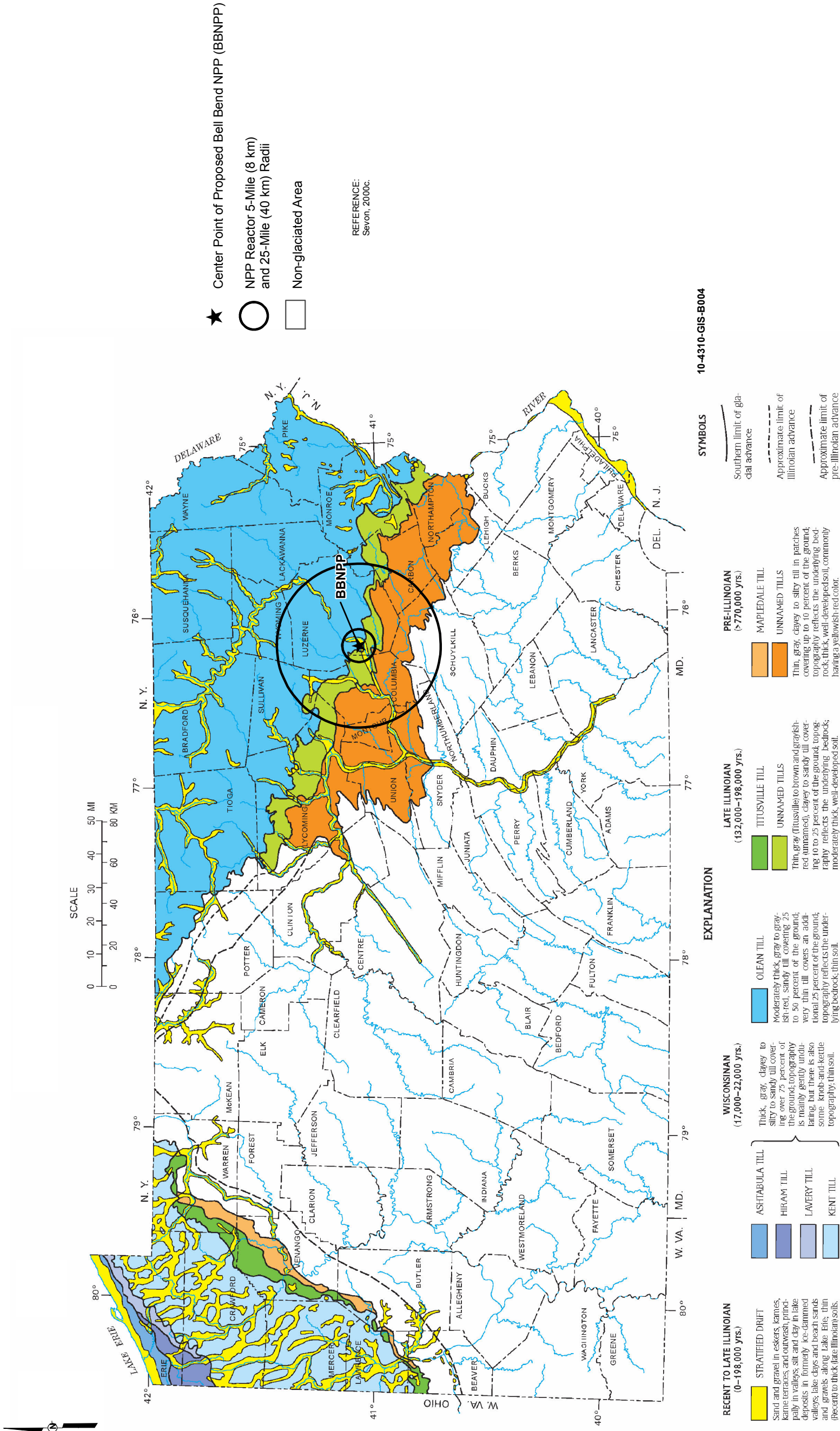


Figure 2.5-127 — {Glacial Deposits of Pennsylvania 25 Mile (40 km) and 5 Mile (8 km) Radii}

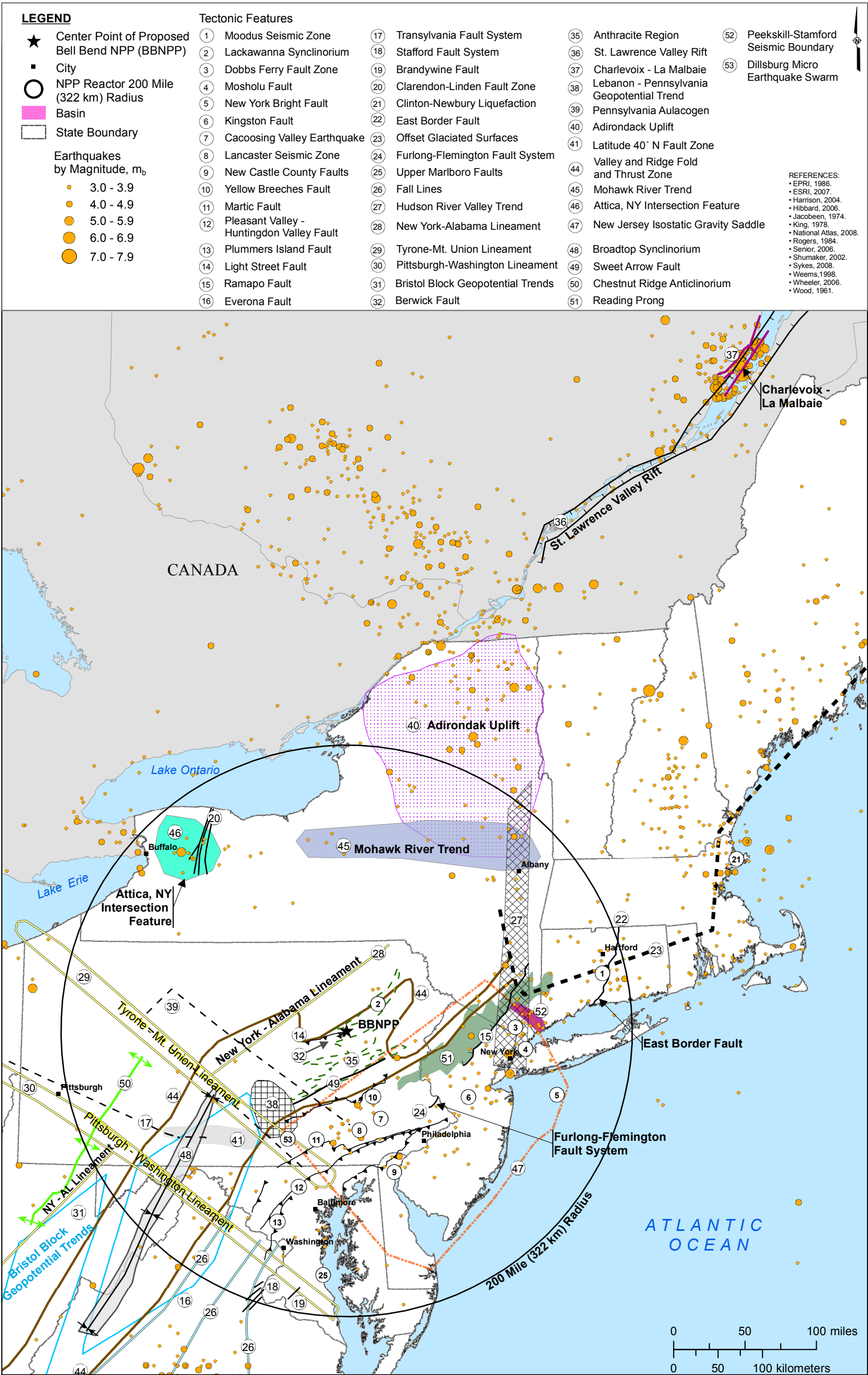


ERA	SYSTEM	SERIES	NEW YORK	PENNSYLVANIA CENTRAL APPALACHIAN				MARYLAND	WEST VIRGINIA	VIRGINIA	
PALEOZOIC	CAMBRIAN	Lower									
		Middle									
	Upper	Beekmantown Group "Theresa"									
	ORDOVICIAN	Lower	Beekmantown Group								
		Middle	Beekmantown Group								
			Black River Group								
			Utica Shale Trenton Group								
	SILURIAN	Lower	Whirlpool Sandstone								
		Middle	Medina Sand								
			Rochester Shale								
Upper											
DEVONIAN	Lower	Oriskany Sandstone									
	Middle	Onondaga Limestone									
		Marcellus Shale									
		Genesee									
	Upper	* Dunkirk Bradford zone Rhine Street Middlesex									
	MISSISSIPPIAN	Lower									
		Upper									
		PENNSYLVANIAN	Upper								
Lower											
PENN.			Upper								
			Middle								

Reference: Ryder, 1995

Reference: Ryder, 1995

Figure 2.5-131— {Regional Tectonic Features}



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