

WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION
- GROUNDWATER FLOW DIRECTION →
- CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 04-18-2006

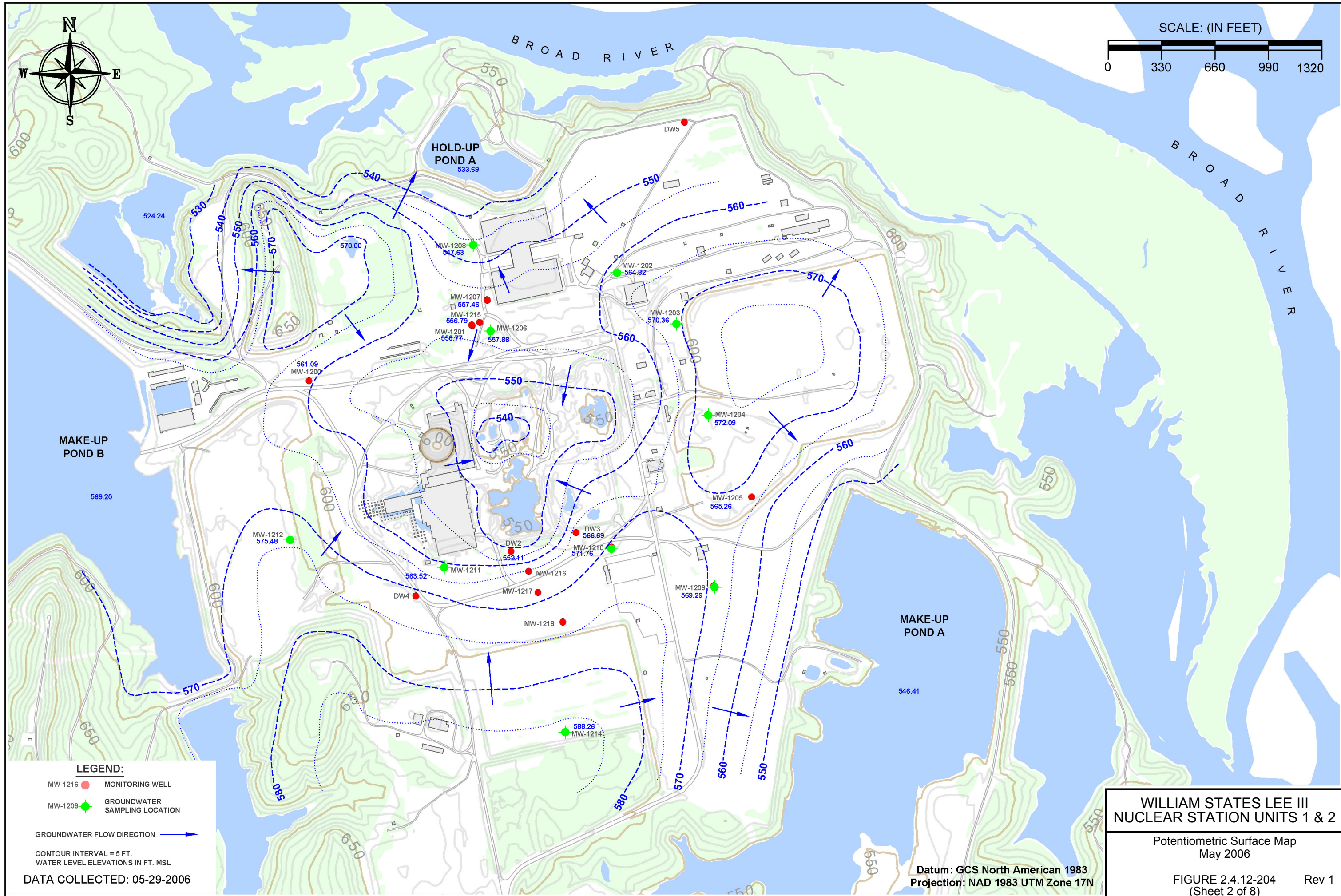
Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Potentiometric Surface Map  
April 2006

FIGURE 2.4.12-204 (Sheet 1 of 8) Rev 1





WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION
- GROUNDWATER FLOW DIRECTION
- CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 05-29-2006

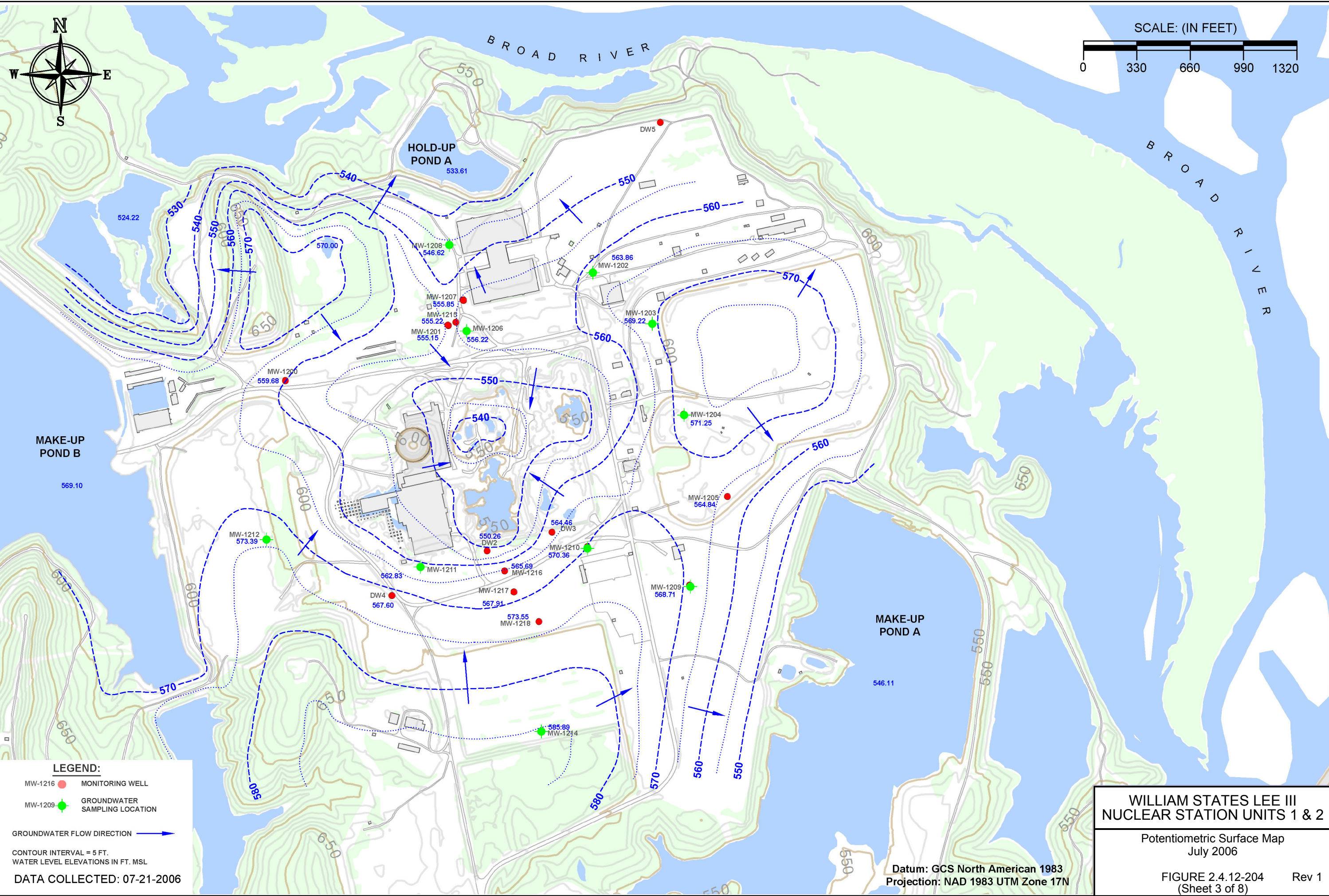
Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Potentiometric Surface Map  
May 2006

FIGURE 2.4.12-204 (Sheet 2 of 8) Rev 1





WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION
- GROUNDWATER FLOW DIRECTION →
- CONTOUR INTERVAL = 5 FT.
- WATER LEVEL ELEVATIONS IN FT. MSL
- DATA COLLECTED: 07-21-2006

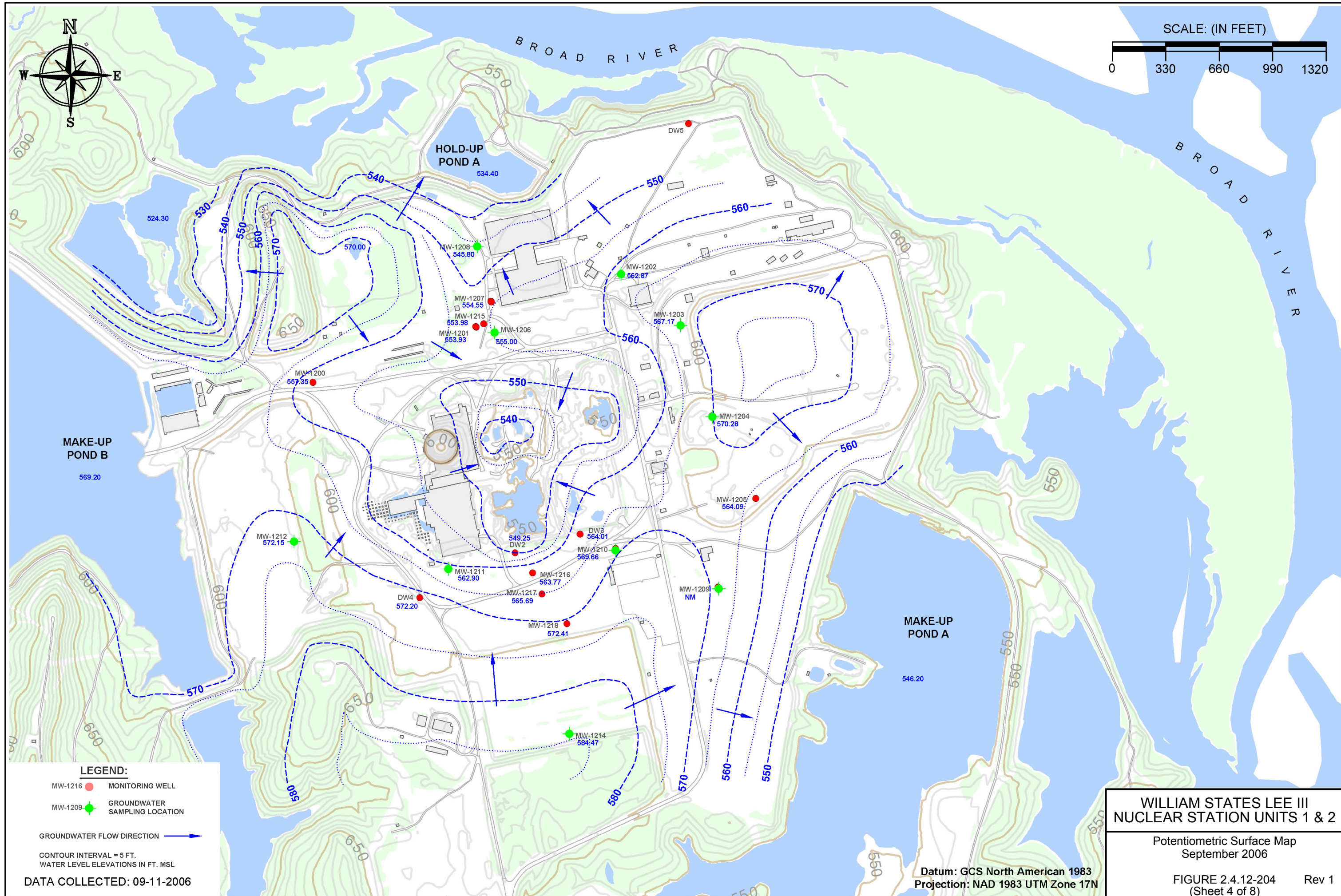
Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

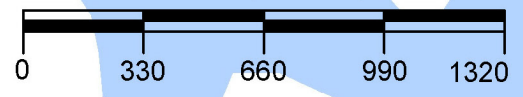
Potentiometric Surface Map  
July 2006

FIGURE 2.4.12-204 (Sheet 3 of 8) Rev 1





SCALE: (IN FEET)



WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION →

CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 09-11-2006

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Potentiometric Surface Map  
September 2006

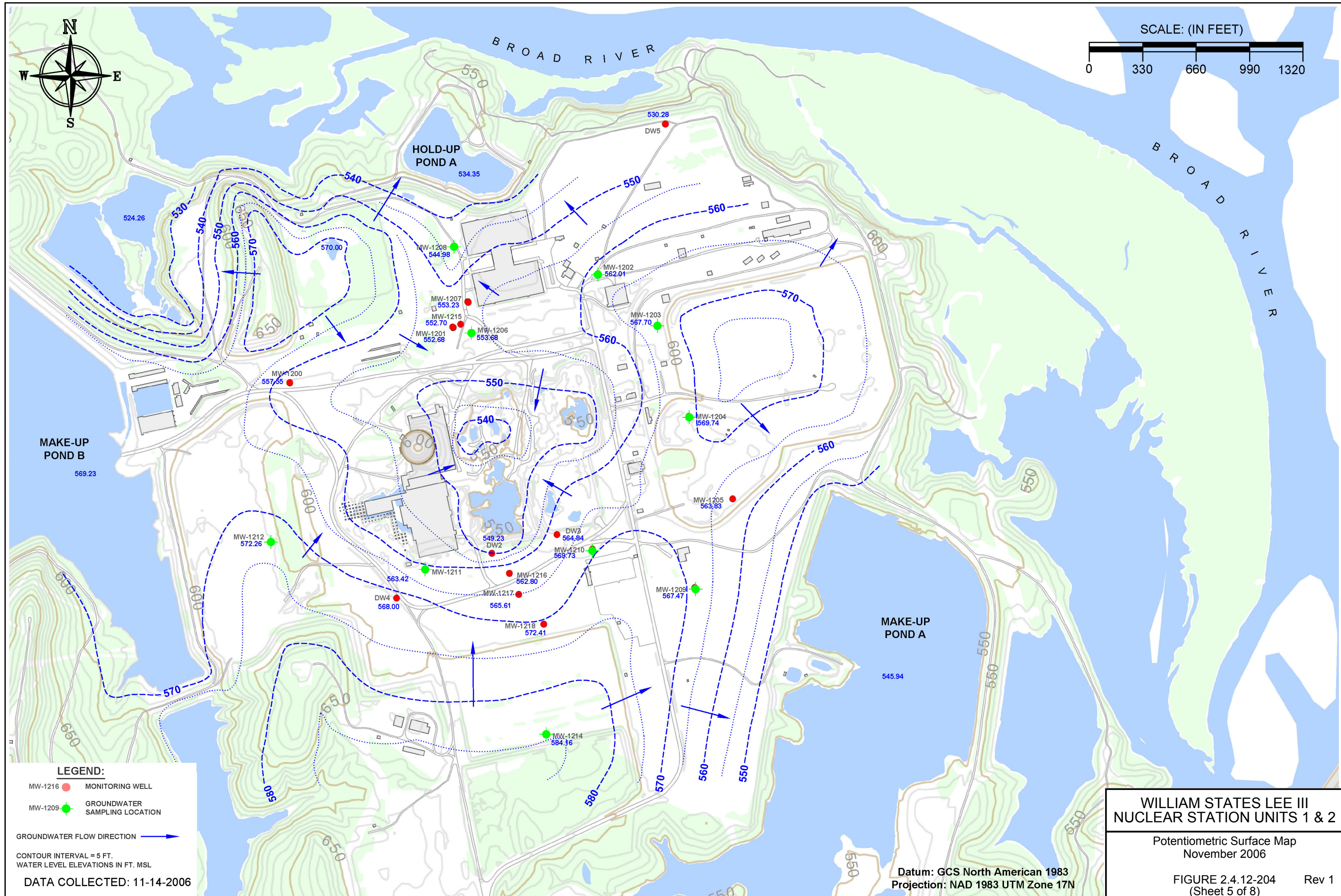
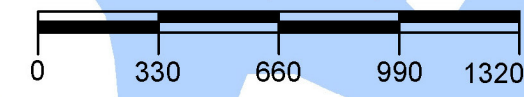
Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N

FIGURE 2.4.12-204 Rev 1  
(Sheet 4 of 8)





SCALE: (IN FEET)



WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION →

CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 11-14-2006

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

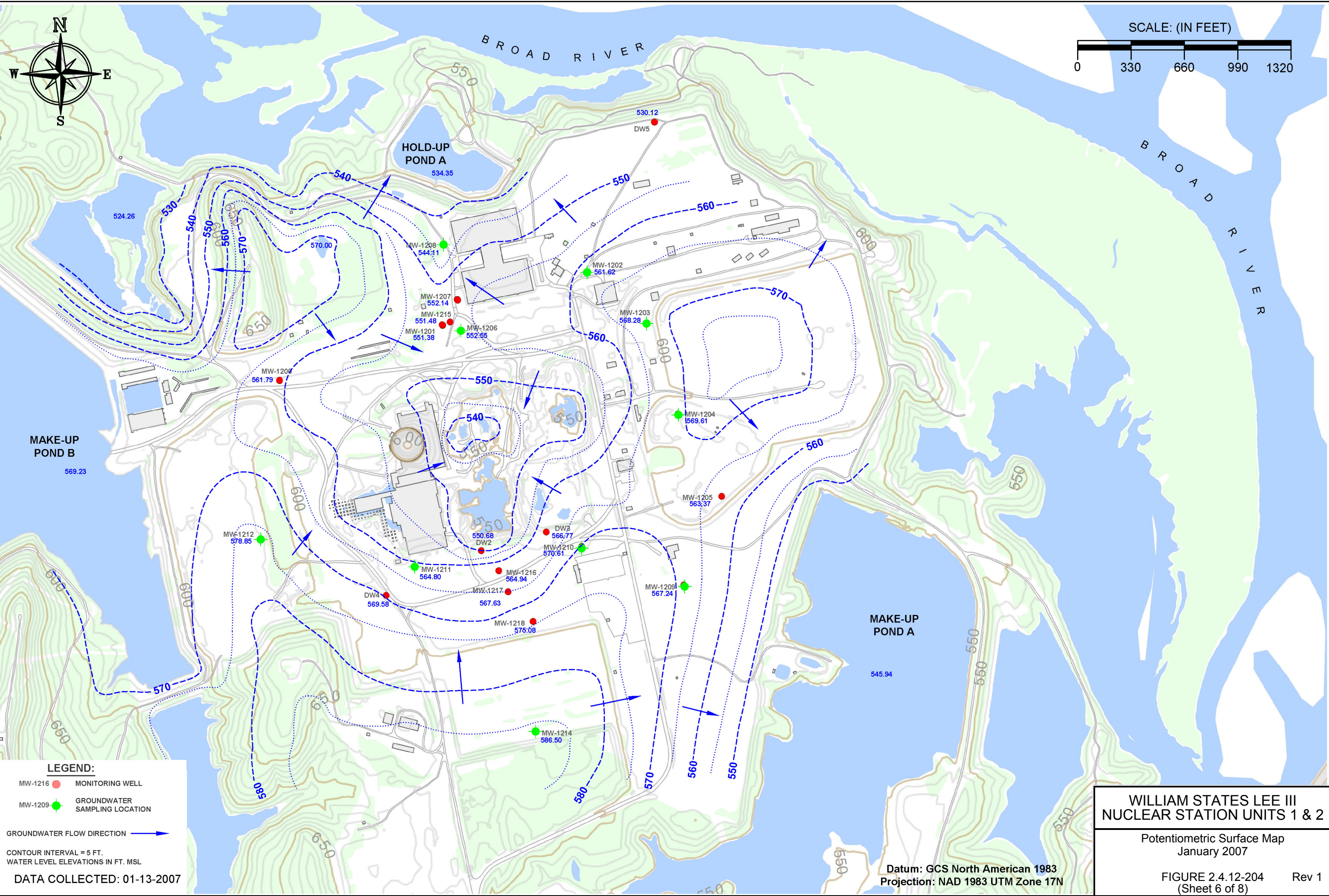
Potentiometric Surface Map  
November 2006

FIGURE 2.4.12-204  
(Sheet 5 of 8)

Rev 1

Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N





WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION
- GROUNDWATER FLOW DIRECTION →

CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 01-13-2007

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

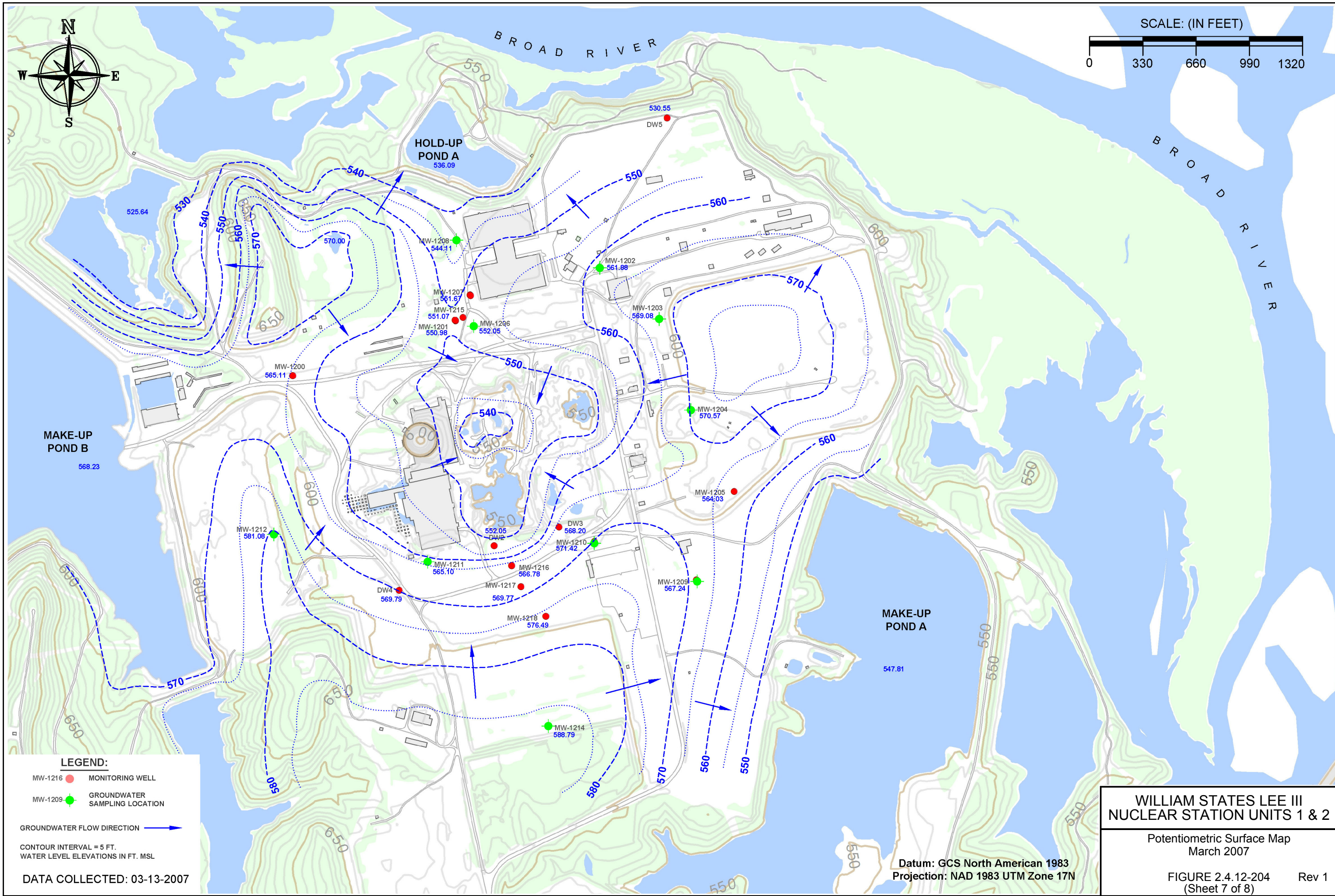
Potentiometric Surface Map  
January 2007

FIGURE 2.4.12-204  
(Sheet 6 of 8)

Rev 1

Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N





WLS  
COL 2.4-4

**LEGEND:**

- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION

GROUNDWATER FLOW DIRECTION →

CONTOUR INTERVAL = 5 FT.  
WATER LEVEL ELEVATIONS IN FT. MSL

DATA COLLECTED: 03-13-2007

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

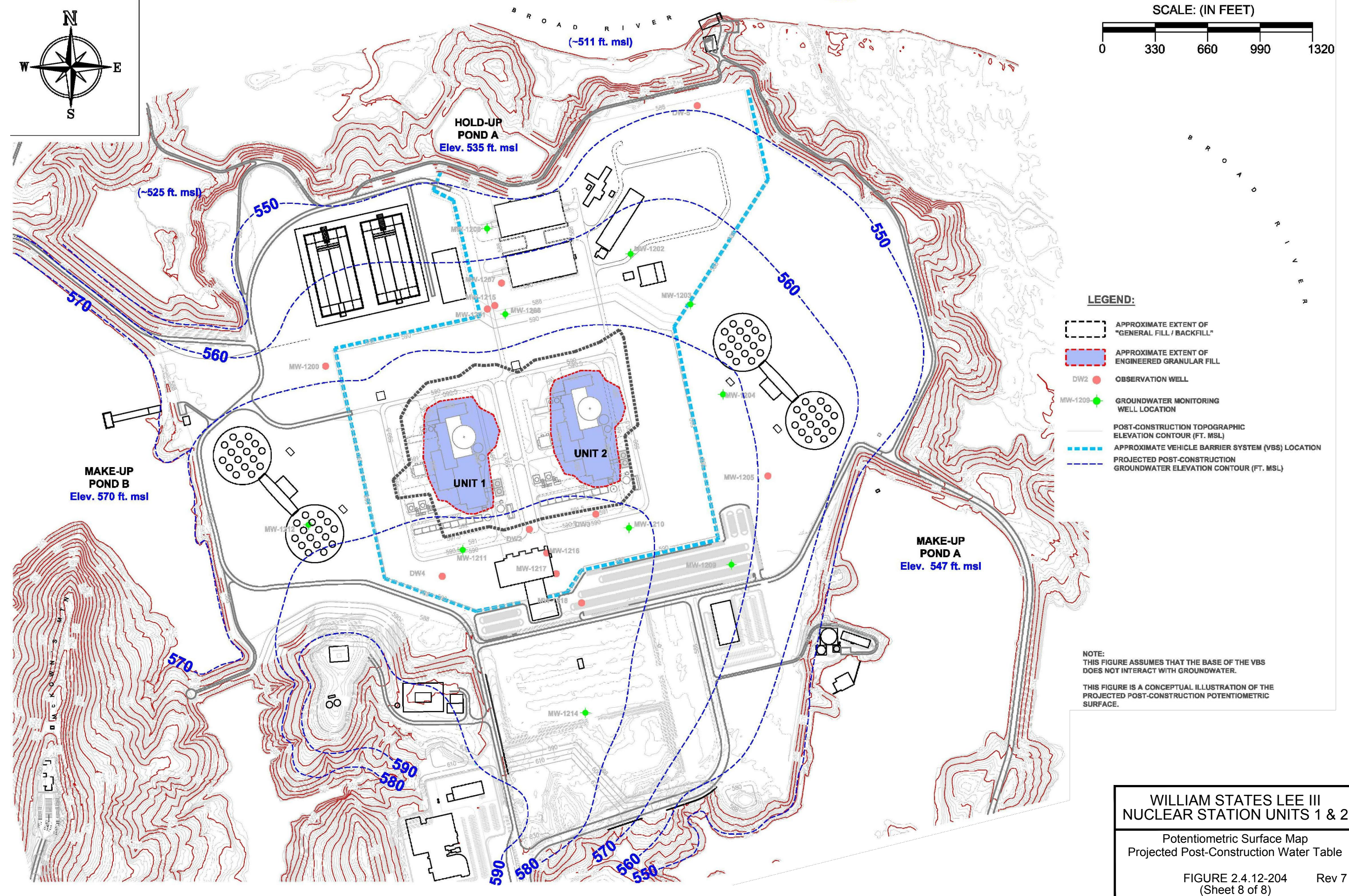
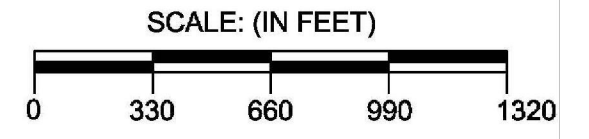
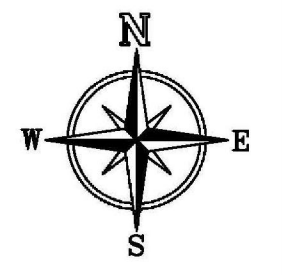
Potentiometric Surface Map  
March 2007

FIGURE 2.4.12-204  
(Sheet 7 of 8)

Rev 1

Datum: GCS North American 1983  
Projection: NAD 1983 UTM Zone 17N





- LEGEND:**
- APPROXIMATE EXTENT OF "GENERAL FILL / BACKFILL"
  - APPROXIMATE EXTENT OF ENGINEERED GRANULAR FILL
  - OBSERVATION WELL
  - GROUNDWATER MONITORING WELL LOCATION
  - POST-CONSTRUCTION TOPOGRAPHIC ELEVATION CONTOUR (FT. MSL)
  - APPROXIMATE VEHICLE BARRIER SYSTEM (VBS) LOCATION
  - PROJECTED POST-CONSTRUCTION GROUNDWATER ELEVATION CONTOUR (FT. MSL)

**NOTE:**  
THIS FIGURE ASSUMES THAT THE BASE OF THE VBS DOES NOT INTERACT WITH GROUNDWATER.  
THIS FIGURE IS A CONCEPTUAL ILLUSTRATION OF THE PROJECTED POST-CONSTRUCTION POTENTIOMETRIC SURFACE.

**WILLIAM STATES LEE III  
NUCLEAR STATION UNITS 1 & 2**

Potentiometric Surface Map  
Projected Post-Construction Water Table

WLS  
COL 2.4-4