

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

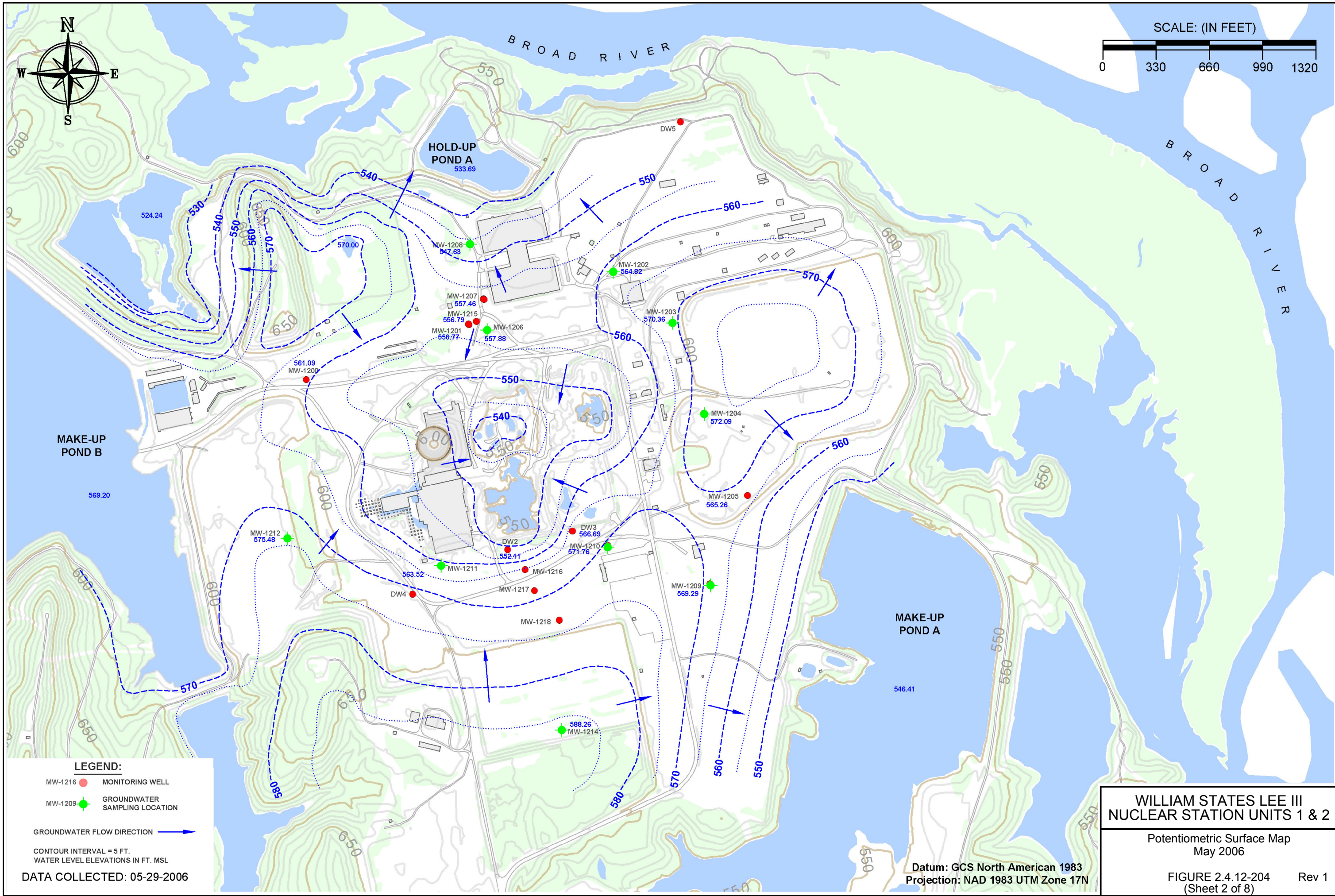
DATA COLLECTED: 04-18-2006

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



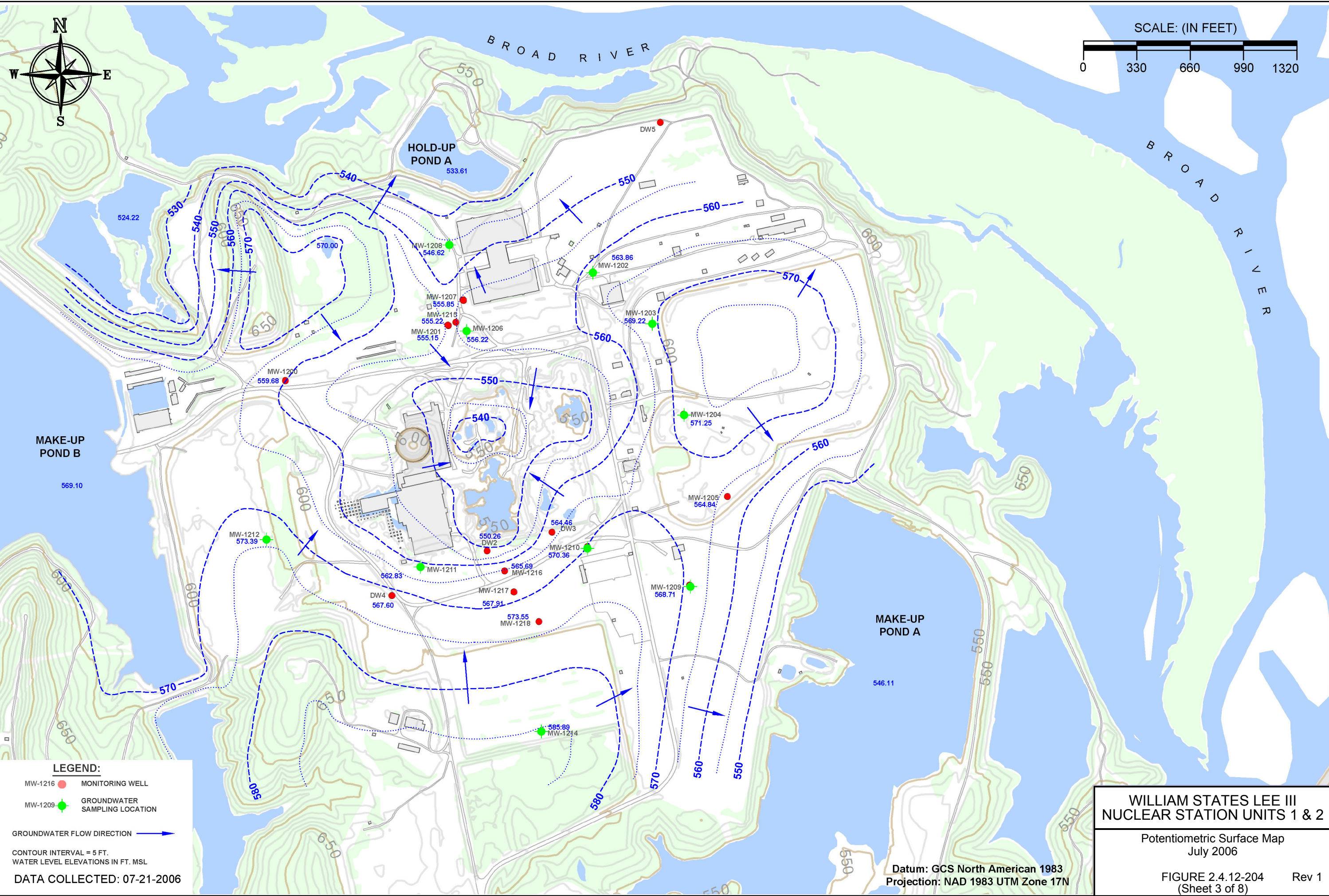
**WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2**

Potentiometric Surface Map
May 2006

FIGURE 2.4.12-204
(Sheet 2 of 8)

Rev 1

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



SCALE: (IN FEET)



MAKE-UP POND B

HOLD-UP POND A

MAKE-UP POND A

BROAD RIVER

BROAD RIVER

WLS COL 2.4-4

LEGEND:

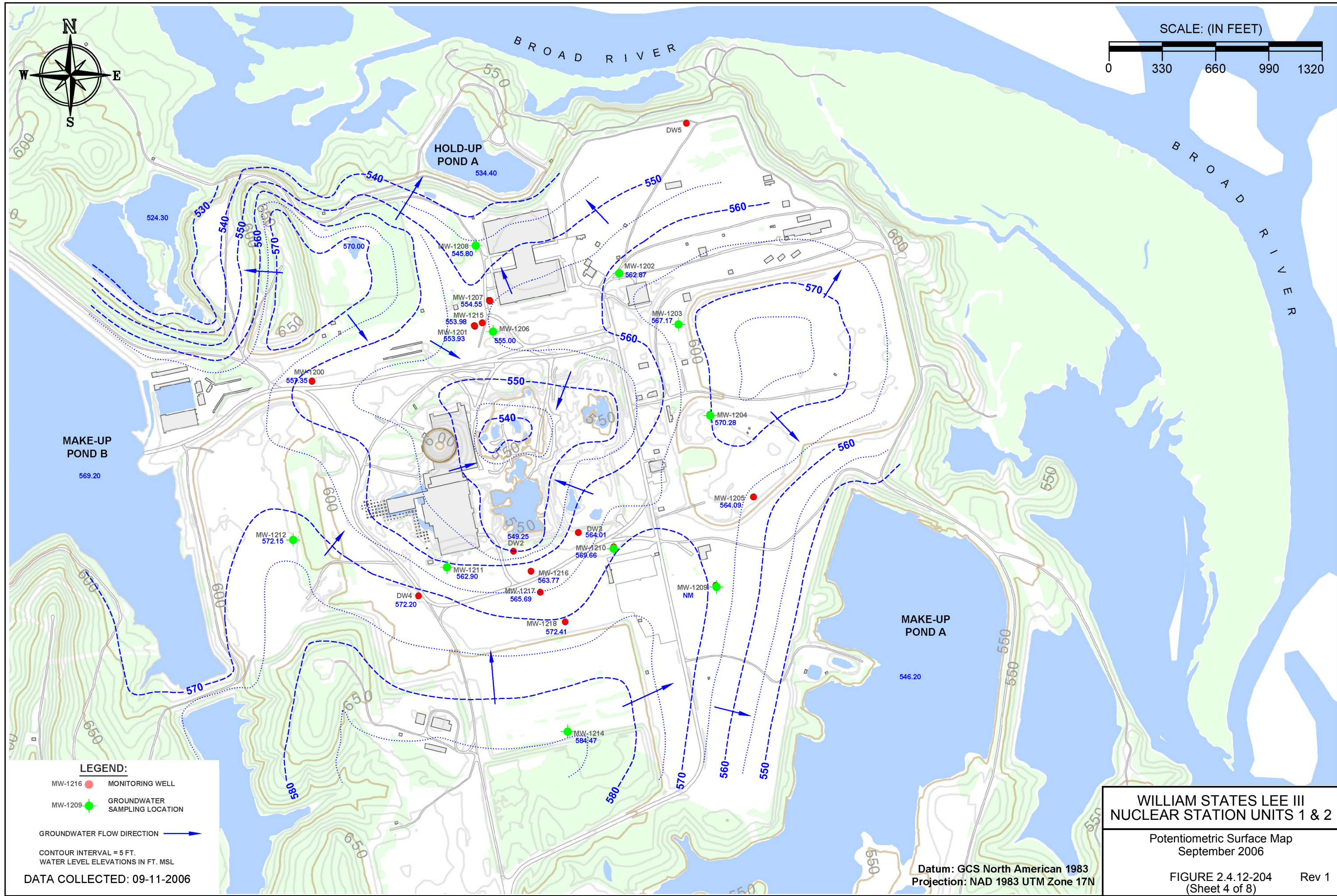
- MW-1216 ● MONITORING WELL
- MW-1209 ● GROUNDWATER SAMPLING LOCATION
- GROUNDWATER FLOW DIRECTION →
- CONTOUR INTERVAL = 5 FT.
- WATER LEVEL ELEVATIONS IN FT. MSL
- DATA COLLECTED: 07-21-2006

**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

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: 09-11-2006



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

Potentiometric Surface Map
September 2006

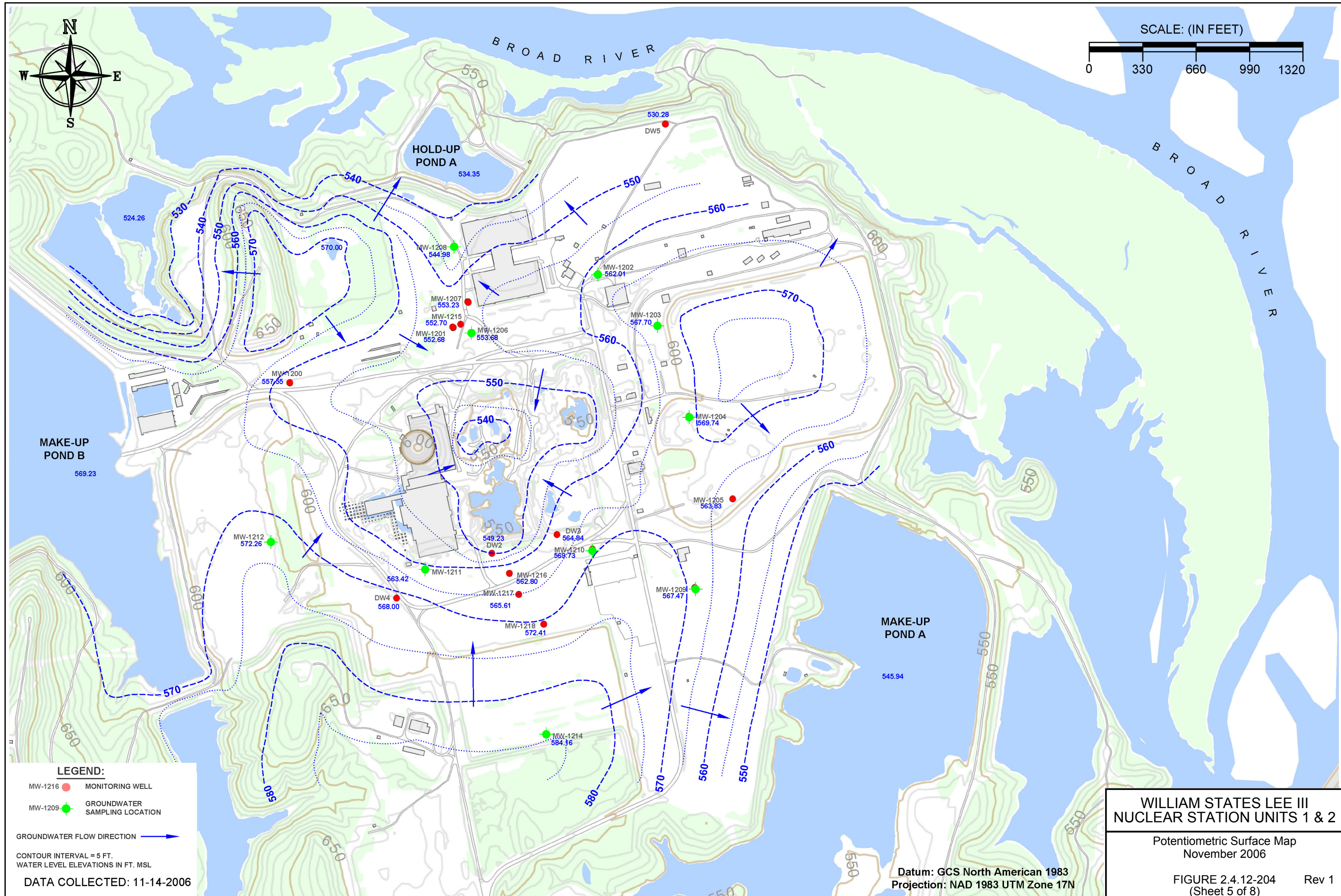
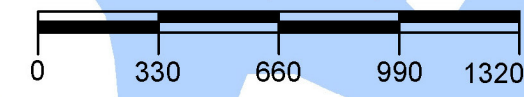
Datum: GCS North American 1983
Projection: NAD 1983 UTM Zone 17N

FIGURE 2.4.12-204
(Sheet 4 of 8)

Rev 1



SCALE: (IN FEET)



WLS
COL 2.4-4

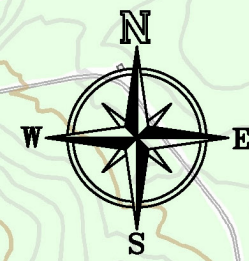
LEGEND:
MW-1216 ● MONITORING WELL
MW-1209 ● GROUNDWATER SAMPLING LOCATION
GROUNDWATER FLOW DIRECTION →
CONTOUR INTERVAL = 5 FT.
WATER LEVEL ELEVATIONS IN FT. MSL
DATA COLLECTED: 11-14-2006

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

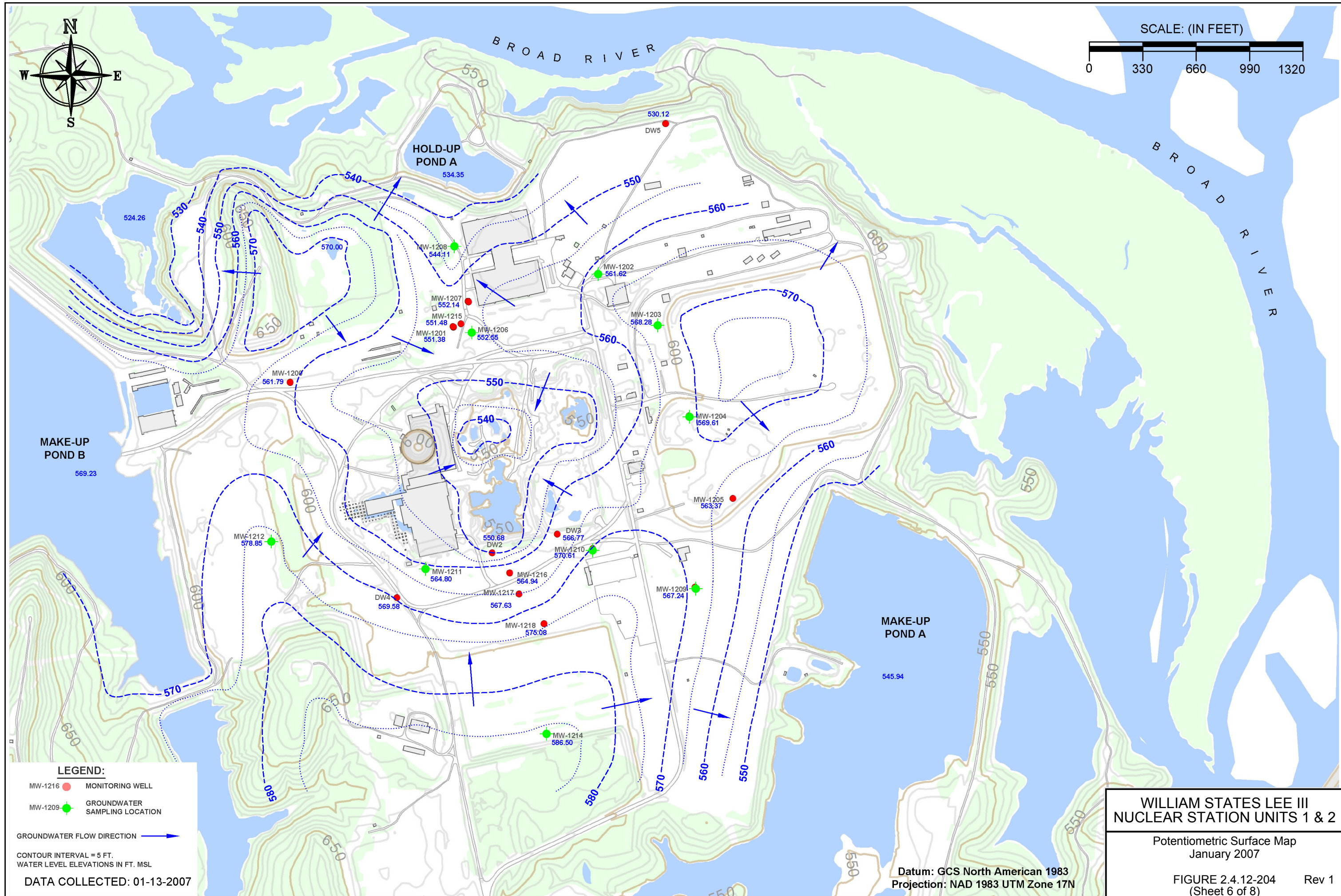
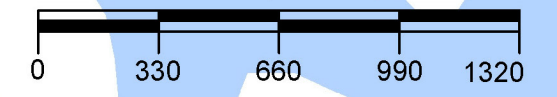
Potentiometric Surface Map
November 2006

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

FIGURE 2.4.12-204
(Sheet 5 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

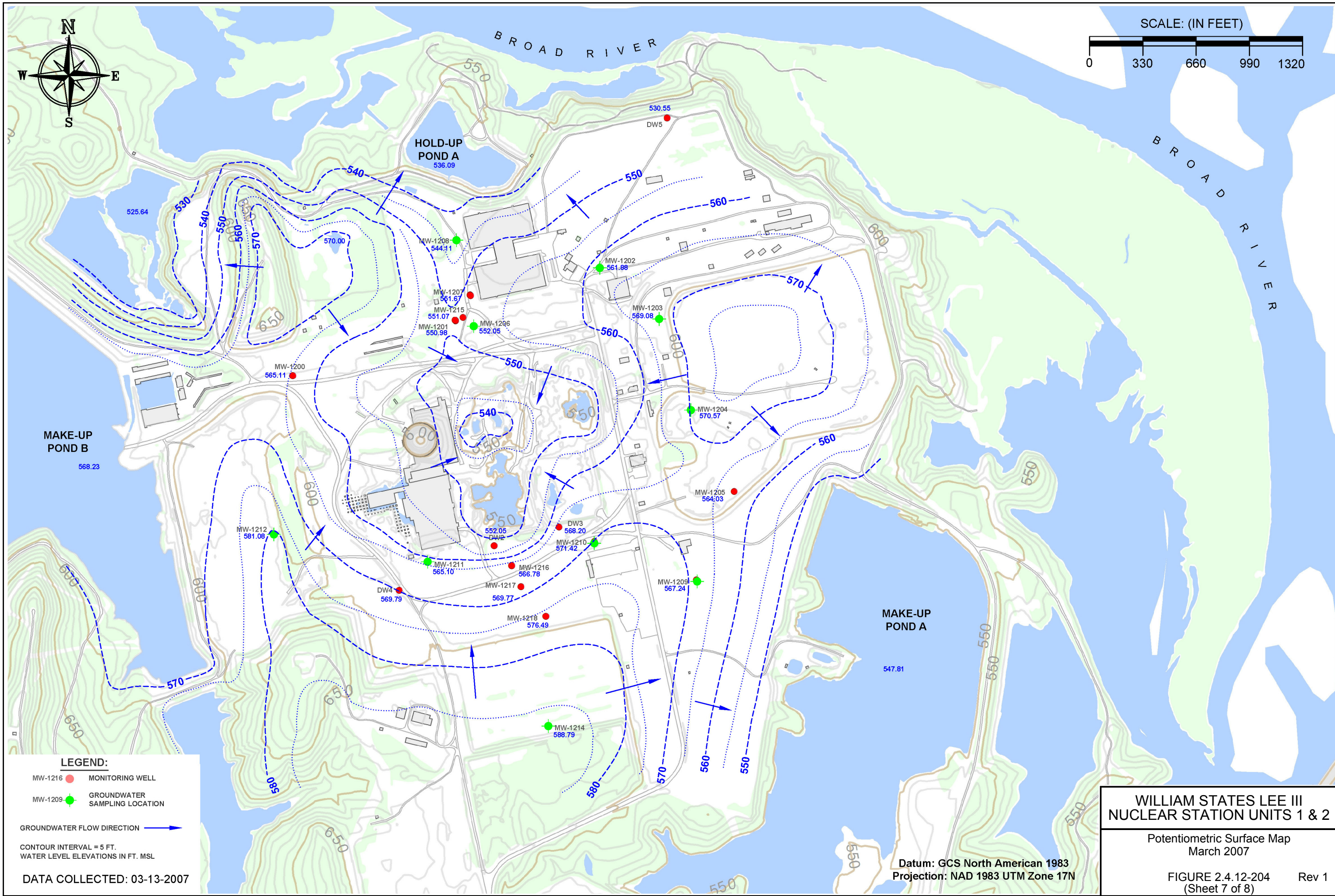
DATA COLLECTED: 01-13-2007

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

Potentiometric Surface Map
January 2007

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

FIGURE 2.4.12-204 (Sheet 6 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: 03-13-2007

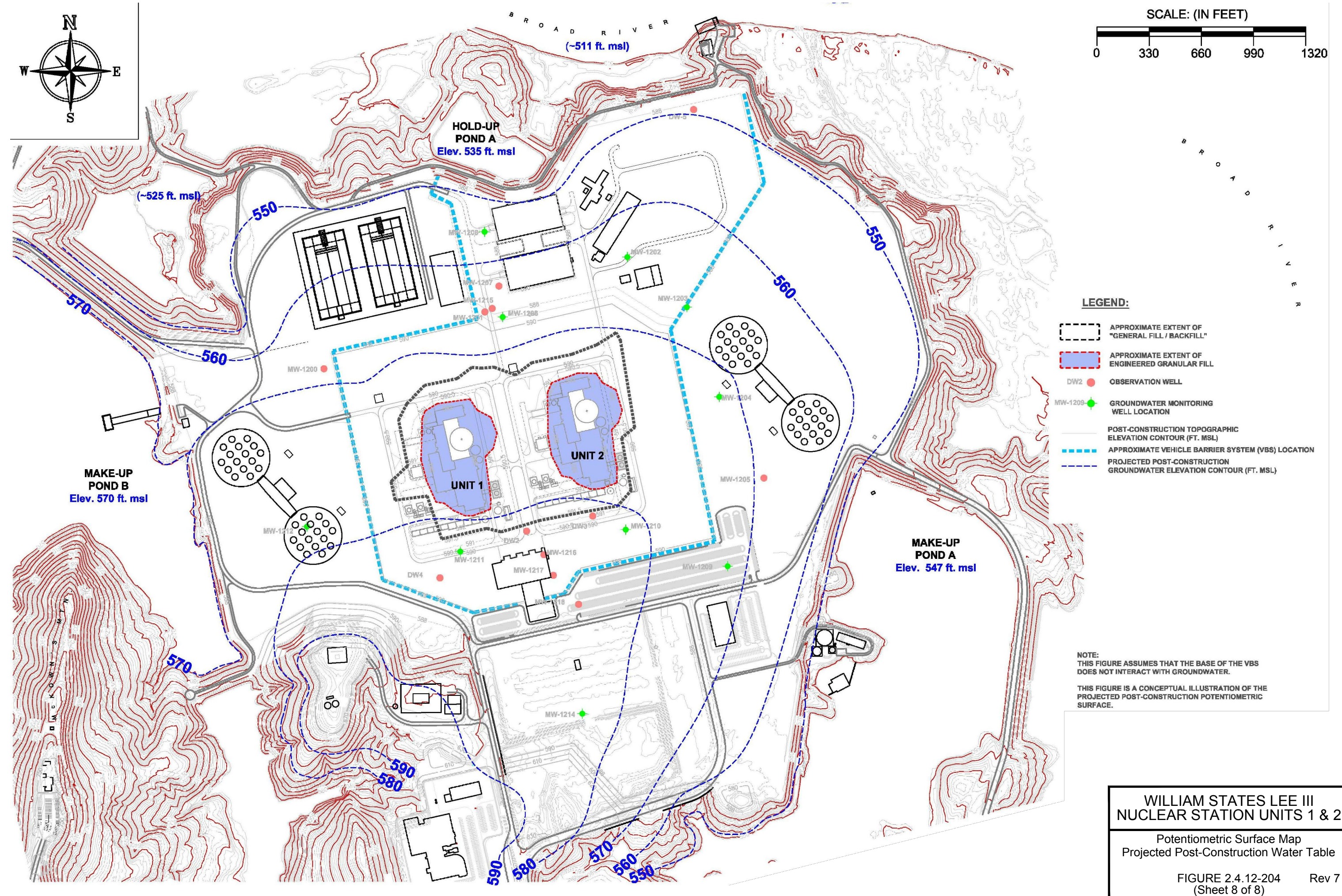
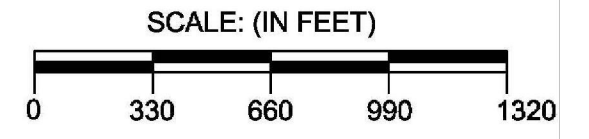
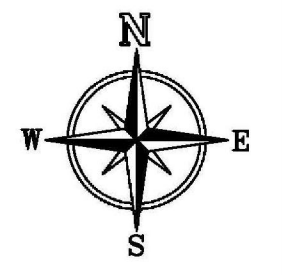
**WILLIAM STATES LEE III
NUCLEAR STATION UNITS 1 & 2**

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
 - DW2 OBSERVATION WELL
 - MW-1200 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