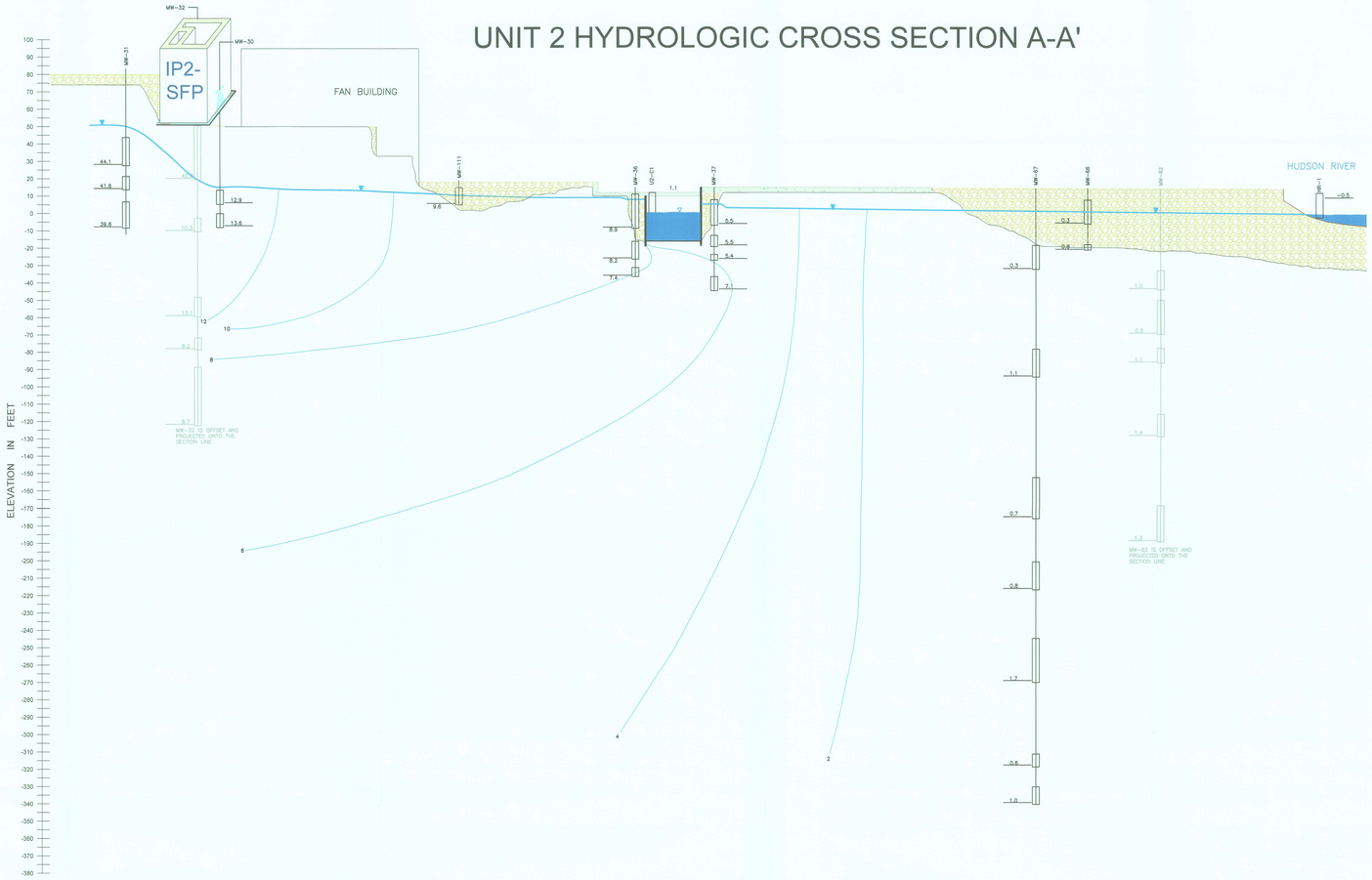
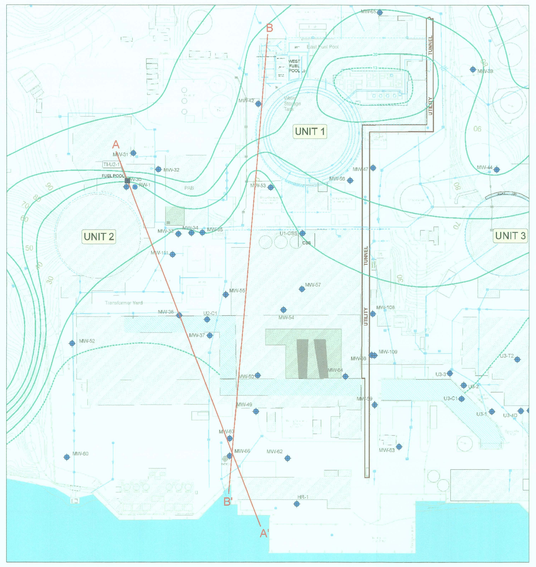
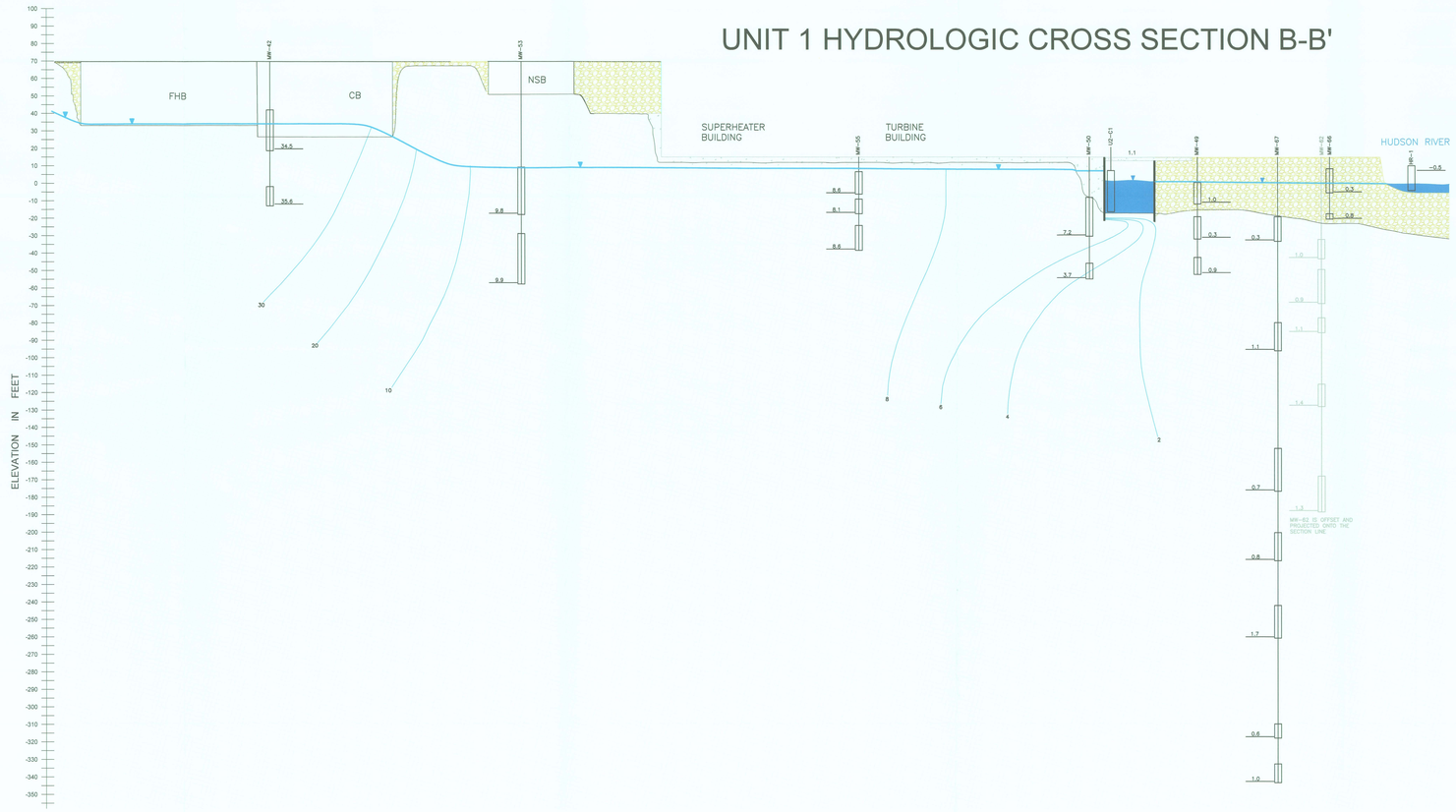
UNIT 2 HYDROLOGIC CROSS SECTION A-A'





CROSS SECTION LOCATION - FROM FIGURE 6.17

UNIT 1 HYDROLOGIC CROSS SECTION B-B'



LEGEND:

- CONCRETE
- OVERBURDEN
- BEDROCK
- GROUNDWATER PIEZOMETRIC HEAD CONTOUR
- GROUNDWATER TABLE
- MUD MAT
- MONITORING WELL
- SCREENED INTERVAL
- 6.2 MEASURED GROUNDWATER ELEVATION 6/1/07 LOW RIVER TIDE

NOTES:

1. BASE MAP DEVELOPED FROM ELECTRONIC FILES, PREPARED BY BADEY AND WATSON SURVEYING & ENGINEERING PC, COLD SPRING, NY 10516. EXACT LOCATIONS AND ORIENTATIONS OF STRUCTURES ABOVE THE WATER TABLE ARE APPROXIMATE AND/OR HAVE BEEN MODIFIED ON THESE SECTIONS TO BETTER ILLUSTRATE CONTAMINANT SOURCE MECHANISMS AND/OR MIGRATION PATHWAYS.
2. WATER LEVEL READINGS HAVE BEEN MADE IN THE MONITORING WELLS AT THE TIMES AND UNDER THE CONDITIONS STATED. THESE DATA HAVE BEEN REVIEWED AND INTERPRETATIONS MADE IN THE TEXT OF THIS REPORT. HOWEVER, IT MUST BE STATED THAT FLUCTUATIONS IN THE LEVEL OF THE GROUNDWATER MAY OCCUR DUE TO VARIATIONS IN RAINFALL, TIDES, TEMPERATURE AND OTHER FACTORS.
3. THE STRATIFICATION LINES ARE BASED UPON INTERPOLATIONS BETWEEN WIDELY SPACED BORINGS, AND MONITORING WELLS AND THUS REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES. ACTUAL TRANSITIONS MAY VARY FROM THOSE SHOWN.
4. MW-67 NOT INSTALLED PRIOR TO 6/1/07 GROUND WATER ELEVATION MONITORING. MW-67 GROUNDWATER ELEVATIONS SHOWN WERE MEASURED ON 8-28-07.
5. MW-32 AND MW-62 ARE OFFSET AND PROJECTED ONTO THE SECTION LINE.
6. SEE FIGURE 6.17 FOR CROSS SECTION LOCATION.

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REV. NO.	DESCRIPTION	BY	DATE

SCALE: 1" = 30' FEET (0 15' 30' 60')

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DESIGNED BY: MJG
REVIEWED BY: DMW/MJB
OPERATOR: CJF/GAS/CRB
DATE: 01-04-2008

INDIAN POINT ENERGY CENTER
BUCHANAN, NEW YORK

UNITS 1 AND 2
HYDROLOGIC CROSS SECTIONS A-A' AND B-B'

PROJECT NO. 17869.10

FIGURE NO. 6.18

D-10

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