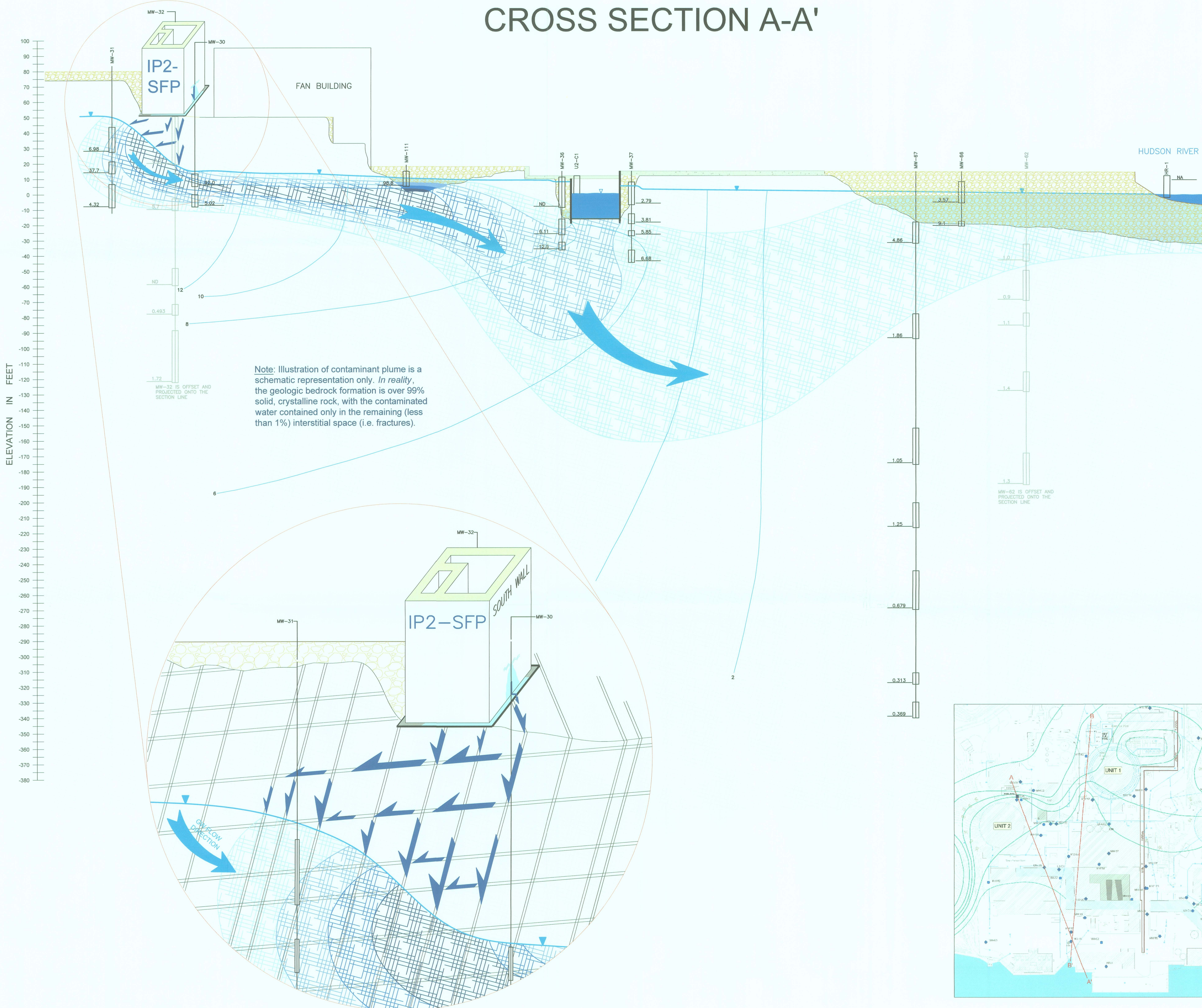


CROSS SECTION A-A'



LEGEND:

- CONCRETE
- OVERBURDEN
- BEDROCK
- GROUNDWATER PIEZOMETRIC HEAD CONTOUR
- GROUNDWATER TABLE
- GROUNDWATER FLOW
- UNSATURATED ZONE FLOW DIRECTION
- MUD MAT
- MONITORING WELL
- SCREENED INTERVAL

MEASURED ACTIVITY OF $1.25 H_3$ (pCi/L X 1,000) FOR EACH SCREENED INTERVAL AUG./SEPT. 2007.

CONTOUR INTERVAL

SOIL	ROCK
5,000 - 10,000	5,000 - 10,000
10,000 - 50,000	10,000 - 50,000
50,000 - 100,000	50,000 - 100,000
> 100,000	> 100,000

MOST RECENT MEASURED ACTIVITIES IN pCi/L THROUGH AUGUST 2007 DATA

NOTES:

- 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.
- 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.
- 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.
- MW-32 AND MW-62 ARE OFFSET AND PROJECTED ONTO THE SECTION LINE.
- SEE FIGURE 6.17 FOR CROSS SECTION LOCATION.

D-18

REV.	NO.	DESCRIPTION	BY	DATE

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

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PROJ MGR: DMW
 DESIGNED BY: M/G
 REVIEWED BY: DMW/MJB
 OPERATOR: C/J/GAS/CRB
 DATE: 01-04-2008

INDIAN POINT ENERGY CENTER
 BUCHANAN, NEW YORK
UNIT 2 TRITIUM PLUME
CROSS SECTION A-A'

PROJECT NO.
17869.10
 FIGURE NO.
9.1

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