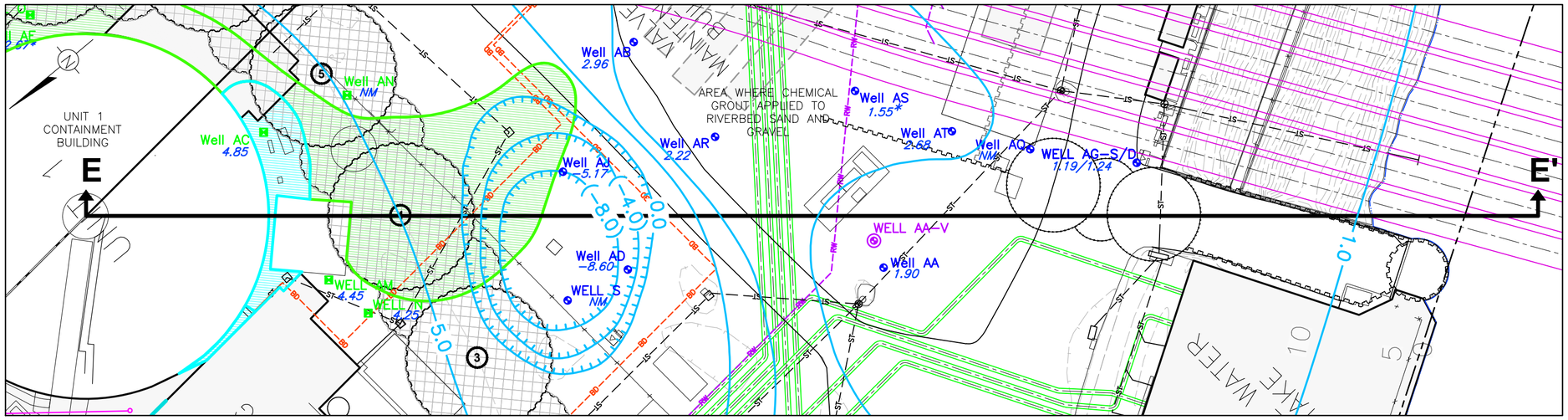
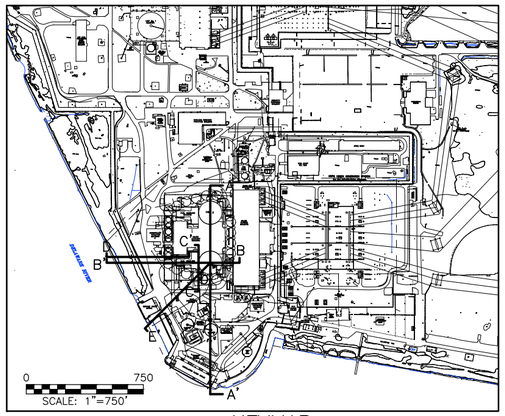
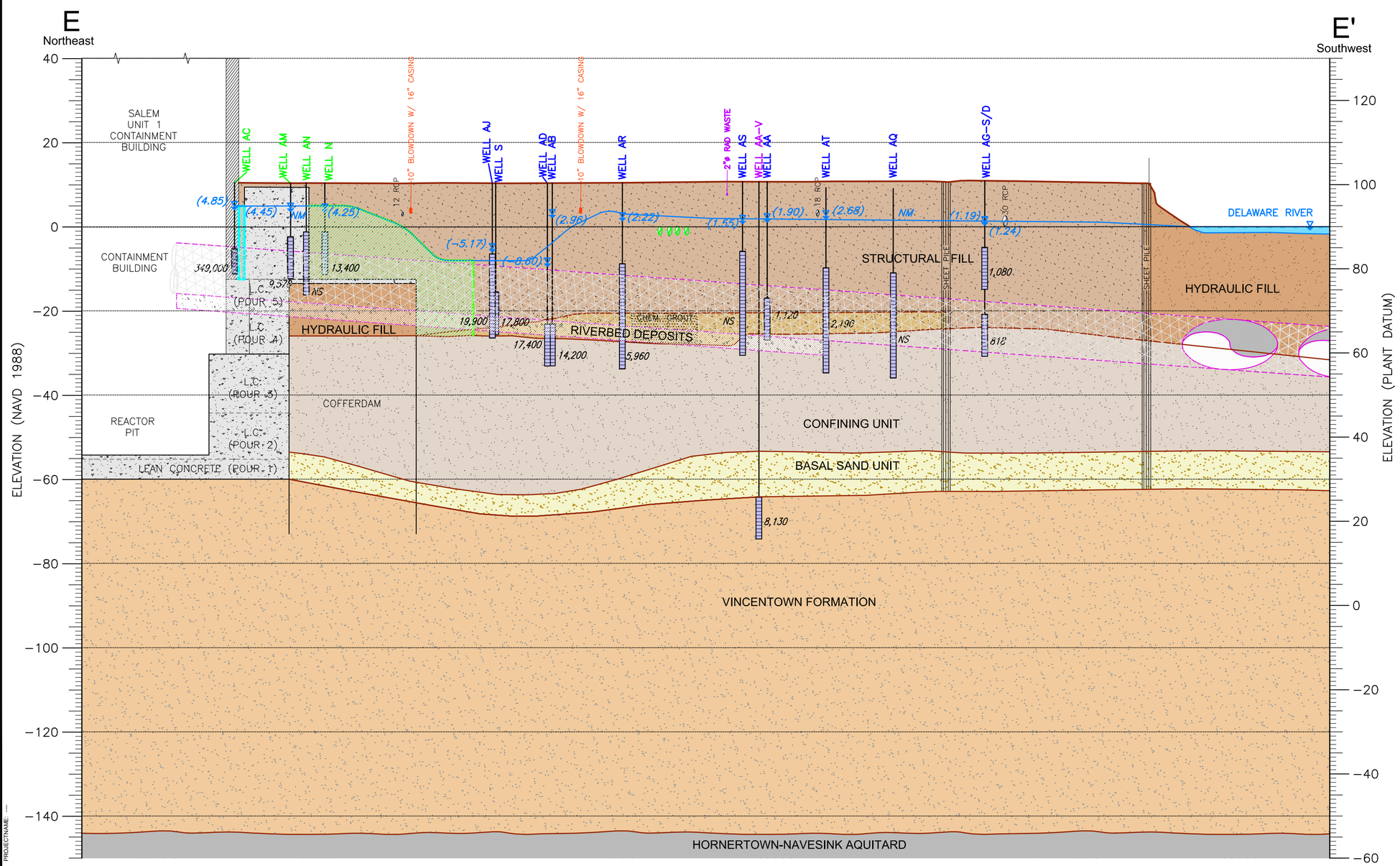


PLAN



KEYMAP



LEGEND:

- HYDRAULIC FILL
- RIVERBED DEPOSITS
- STRUCTURAL FILL WITH CONCRETE BEYOND
- VINCENTOWN FORMATION
- STRUCTURAL CONCRETE WITH CONSTRUCTION JOINT
- STRUCTURAL FILL
- CONFINING UNIT
- BASAL SAND UNIT
- HORNERTOWN-NAVESINK AQUITARD
- LEAN CONCRETE WITH CONSTRUCTION JOINT
- SEISMIC GAP (STYROFOAM)
- LIMIT OF GROUNDWATER WITH TRITIUM CONCENTRATION GREATER THAN 100,000 pCi/L
- LIMIT OF GROUNDWATER WITH TRITIUM CONCENTRATION GREATER THAN THE NEW JERSEY GROUNDWATER QUALITY CRITERION (20,000 pCi/L)

NOTE: ALL WELLS ARE PROJECTED ONTO CROSS SECTION.

- RW — BLOW DOWN PIPING
- RW — LIQUID "RAD" WASTE LINE
- SHEET PILE
- SERVICE WATER PIPING
- CIRCULATING WATER OUTLET PIPING
- CIRCULATING WATER INLET PIPING
- ST — STORM SEWER PIPING
- CATCH BASIN
- MANHOLE (STORM SEWER)
- RCP — REINFORCED CONCRETE PIPE
- MTL — MEAN TIDE LEVEL
- NM — NOT MEASURED
- BUILDING WALL
- (4) — COFFERDAM CELL NUMBER
- WELL N — MONITORING WELL LOCATED WITHIN THE COFFERDAM; SCREENED IN THE SHALLOW WATER-BEARING ZONE, APPROXIMATELY 20 FEET DEEP (WELLS M, N, O, R, AC, AE, AI, AM, AN, AO AND AQ)
- WELL S — MONITORING WELL LOCATED OUTSIDE THE LIMITS OF THE COFFERDAM; SCREENED IN THE SHALLOW WATER-BEARING UNIT, APPROXIMATELY 35 FEET DEEP (WELLS S, W, AA, AB, AD, AF, AG-D, AG-S, AH-D, AH-S AND AJ)
- WELL AA-V — MONITORING WELL SCREENED IN THE VINCENTOWN FORMATION, APPROXIMATELY 80 FEET DEEP (WELLS K, L, P, Q, V, AND AA-V)
- SEISMIC GAP
- PROPERTY BOUNDARY

WELL AB
- WELL DESIGNATION
- EXISTING LAND SURFACE
- BOREHOLE/WELL CASING
- 1.16 — WATER-LEVEL ELEVATION FEBRUARY 2014 (NAVD 1988)
- 1,020 — SCREENED INTERVAL
- ANALYTICAL TRITIUM RESULTS (MARCH 2014) – pCi/L
- NS – SAMPLE NOT COLLECTED
- NM – SAMPLE NOT MEASURED
- * GROUNDWATER ELEVATION NOT USED IN CREATING CONTOURS

FOOTNOTE:

ENGINEERING DETAILS OF THE STRUCTURES WITHIN THE COFFERDAM WERE PREPARED BY ARCADIS BASED ON DRAWINGS PROVIDED BY PSEG NUCLEAR.

0 40 HORIZONTAL SCALE: 1"=40'

0 20 VERTICAL SCALE: 1"=20'

PSEG NUCLEAR, LLC
SALEM AND HOPE CREEK GENERATING STATIONS
ARTIFICIAL ISLAND, HANCOCK'S BRIDGE, NEW JERSEY
REMEDIAL ACTION PROGRESS REPORT

SALEM GENERATING STATION HYDROGEOLOGIC CROSS SECTION E-E'

ARCADIS

FIGURE 9

CITY: Newtown, Pa DIV/GROUP: ENV DB: M. Wasilewski LD: M. Wasilewski PIC: J. Balletto PM: P. Millonis TM: C. Sharpe LYR:On=*;Off=*REF*
CTB: Arcadis Version 4.6 PLOTTED BY: Roseanne Oberlander PLOTTED: 9/5/2014 2:18 PM BY: OBERLANDER, ROSEANNE
ACAD VER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS(SIZE A-B).CTB LAYOUT: 9 SAVED: 9/5/2014 2:17 PM
FILE: ARCADIS(SIZE A-B).DWG PLOTTED BY: ROBERLANDER, ROSEANNE
XREFS: ZZXR-KEY AGM-BASE_04-04-06 IMAGES: PROJECTNAME: ----