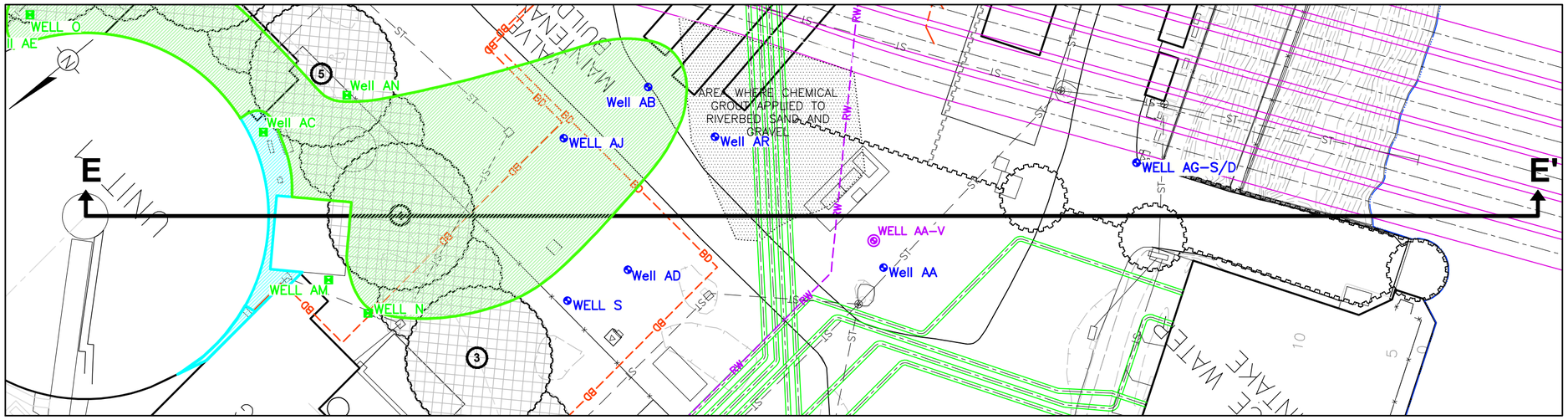
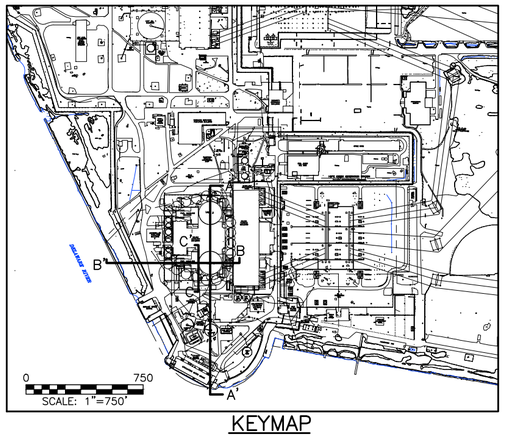


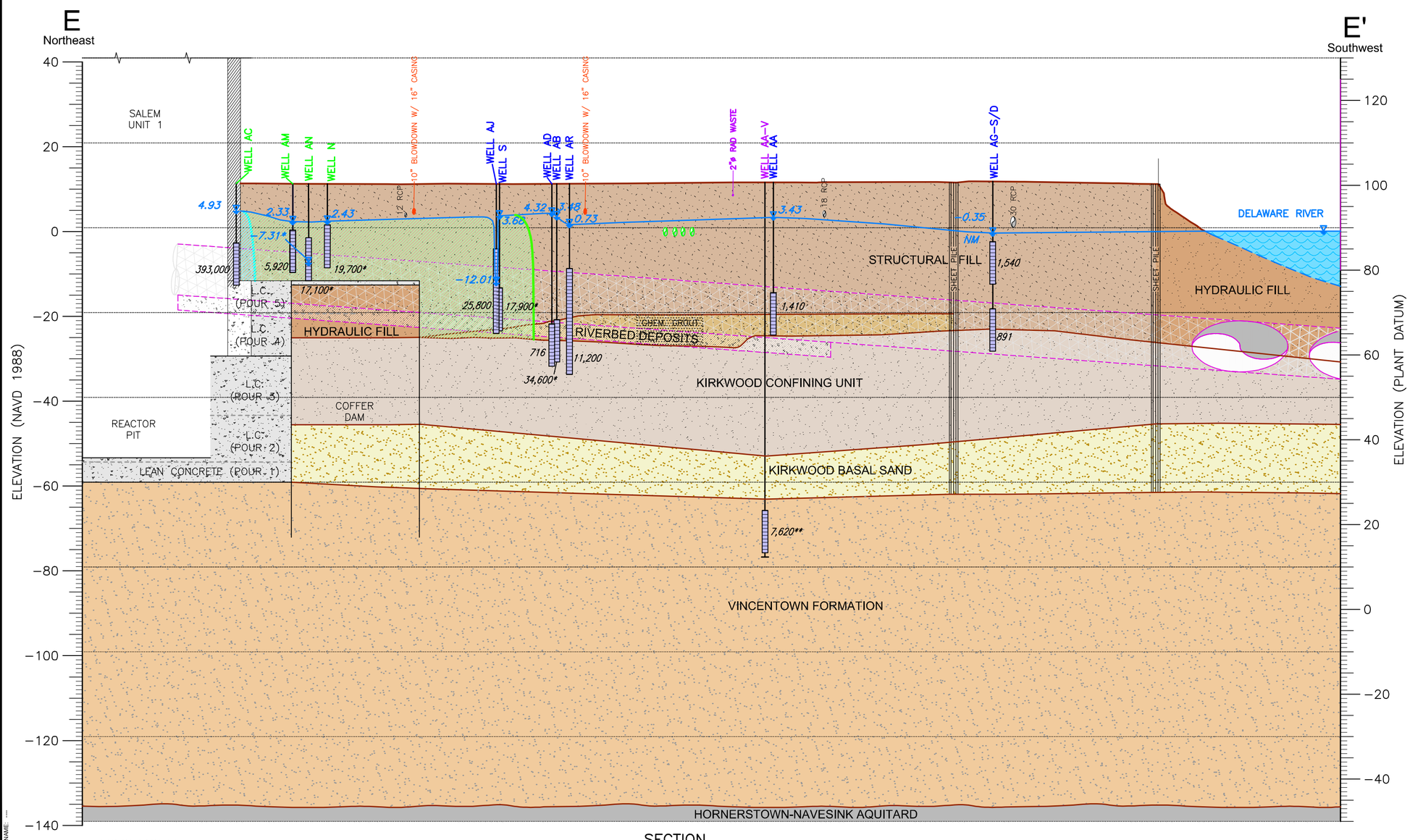
PLAN



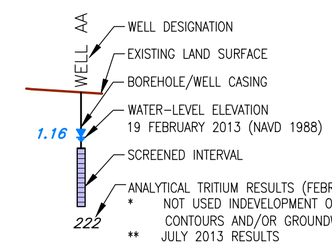
KEYMAP

LEGEND:

- HYDRAULIC FILL
- RIVERBED DEPOSITS
- STRUCTURAL FILL WITH CONCRETE BEYOND
- VINCENTOWN FORMATION
- STRUCTURAL CONCRETE WITH CONSTRUCTION JOINT
- STRUCTURAL FILL
- KIRKWOOD CONFINING UNIT
- KIRKWOOD BASAL SAND
- 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)
- 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) — COFFER DAM CELL NUMBER
- WELL N — MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT WITHIN THE LIMITS OF THE COFFERDAM, 20 FEET DEEP- TYPICAL (WELLS N, O, AC, AND AM).
- WELL S — MONITORING WELL SCREENED IN THE SHALLOW, WATER-BEARING UNIT OUTSIDE THE LIMITS OF THE COFFERDAM, 35 FEET DEEP- TYPICAL (WELLS S, AA, AB, AD, AG (SHALLOW & DEEP), AND AJ).
- WELL AA-V — MONITORING WELL SCREENED IN THE VINCENTOWN FORMATION, 80 FEET DEEP- TYPICAL (WELL AA-V).



SECTION



FOOTNOTE:

ENGINEERING DETAILS OF THE COFFERDAM AND 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
WELL AA-V INSTALLATION REPORT

FACILITY CROSS SECTION E-E'

ARCADIS

FIGURE
3

CITY: Newtown, Pa DIV/GROUP: ENV DB: M. Wasilewski LD: M. Wasilewski PIC:J. Balletto PM: P. Milionis TM:C. Sharpe LYR:OFF=*;OFF=*REF*
CS:NA DS:C:\Temp\AcPublish_7220\{30B0BAA4-1_RVFG-A0.DWG FACILITY CROSS SECTION THROUGH AA-V.dwg LAYOUT:3 SAVED: 12/5/2013 11:56 AM ACADVER: 18.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS(SIZE A-B).CTB PLOTTED: 12/5/2013 11:57 AM BY:
WASILEWSKI, MATT
XREFS: ZZXR-KEY IMAGES: PROJECTNAME: ----