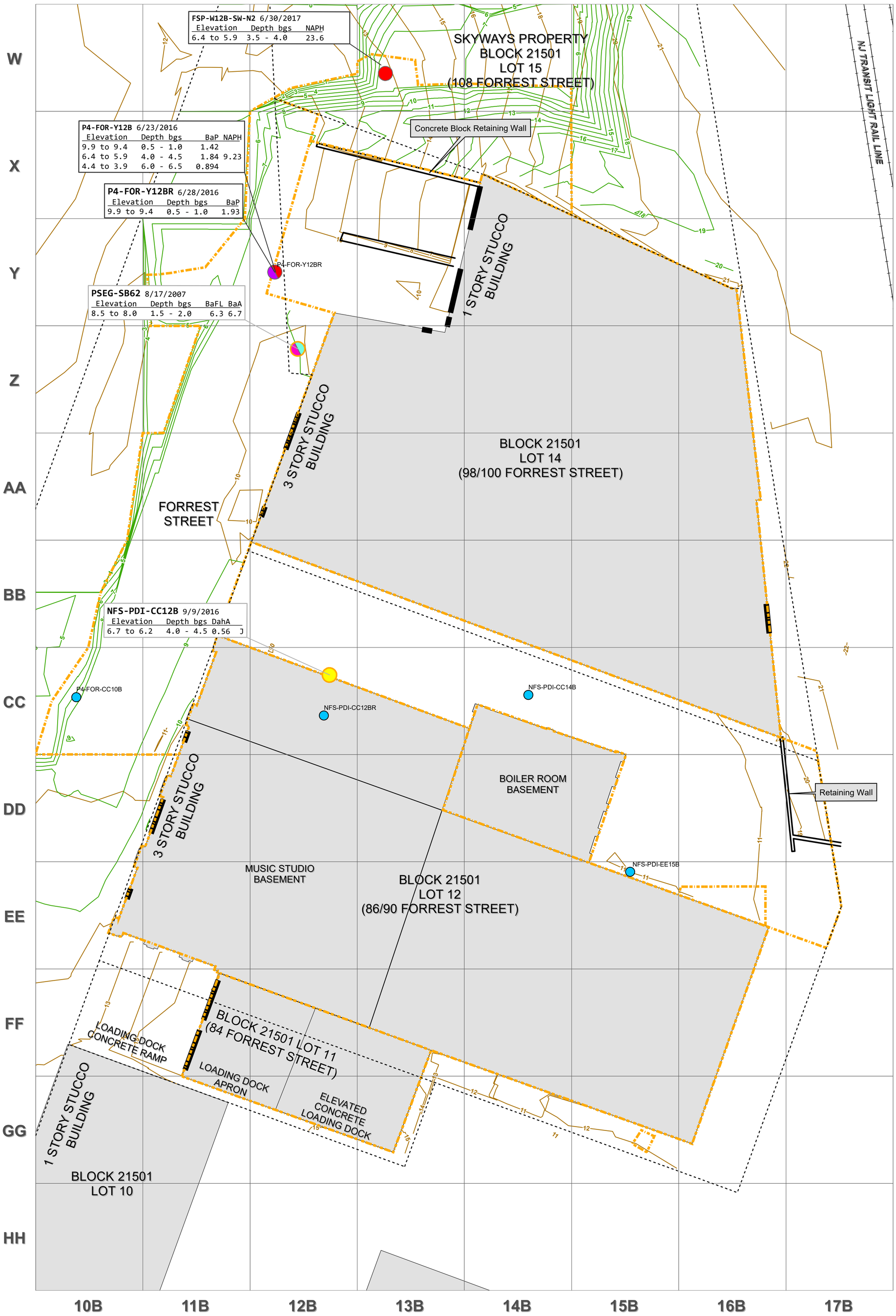
Document Path: J:\Project\PPG-NJCProgram\6-ProjectInput\6.4-GIS\Forrest RA\MXD\RAWP\4-6.mxd



LEGEND

- RESULTS ARE LESS THAN THE MOST STRINGENT STANDARD
- RESULTS EXCEED THE MOST STRINGENT STANDARD, BUT ARE BEING ADDRESSED VIA ENGINEERING CONTROLS AND INSTITUTIONAL CONTROLS (ANALYTE INDICATED BY COLOR)
- RESULTS EXCEED THE MOST STRINGENT STANDARD, BUT DO NOT FALL UNDER THE PURVIEW OF THE ACO/JCO (ANALYTE INDICATED BY COLOR)
- NAPHTHALENE
- DIBENZO(A,H)ANTHRACENE
- BENZO(A)PYRENE
- BENZO(B)FLOURANTHENE
- BENZO(A)ANTHRACENE
- CURRENT-USE REMEDIATION AREA BOUNDARIES
- PROPERTY LINE
- CONCEPTUAL POST-EXCAVATION ELEVATION CONTOUR (1-FOOT INTERVAL IN FT NAVD88)
- PRE-REMEDIATION SURFACE ELEVATION CONTOUR (1-FOOT INTERVAL IN FT NAVD88)
- SHEET PILE (AS OF MARCH 2019)
- CONCRETE WALL
- DOOR
- RAILROAD
- BUILDING FOOTPRINT

ABBREVIATIONS:

ACO/JCO - Administrative Consent Order/Judicial Consent Order
BaA - benzo(a)anthracene
BaP - benzo(a)pyrene
BbFL - benzo(b)fluoranthene
bgs – below ground surface
DahA - dibenzo(a,h)anthracene
ft – feet
mg/kg – milligrams per kilogram
NAPH – naphthalene
NAVD88 – North American Vertical Datum of 1988
NJDEP – New Jersey Department of Environmental Protection
NRDCSRS - Non-Residential Direct Contact Soil Remediation Standard
RDCSRS - Residential Direct Contact Soil Remediation Standard
SVOC - semi-volatile organic compound

QUALIFIERS:

J – The result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

GENERAL NOTES:

G1. The SVOC data associated with the sample locations shown on this figure are provided in Table 2-6. Data presented in call out boxes on this figure are outliers (i.e., data points that require further explanation). Specific notes on how the NJDEP's remedial standards are being met and/or how remedial completion is being achieved/completed for each outlier sample are provided in the Specific Notes in Table 2-6.

G2. "Elevation" refers to the sample elevation based on the pre-remediation surface elevation for samples collected from the pit bottom, and the surface elevation of the sample location when the sample was collected via boring or test pit.

G3. Elevation vertical datum is NAVD88, in U.S. survey ft.

G4. Results are reported in mg/kg.

G5. Source of block/lot information is Jersey City Parcel Data from New Jersey Geographic Information Network (NJGIN), last updated 10/6/2015 (available at: http://data.jerseycitynj.gov/dataset/jersey-city-parcel-polygon).

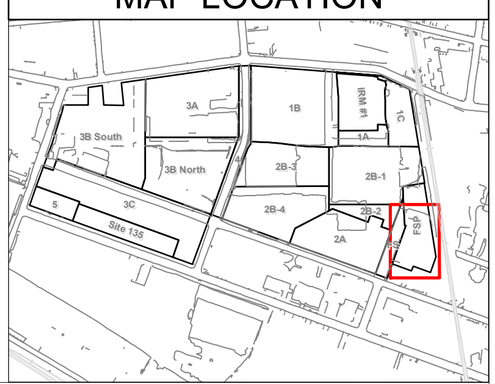
SPECIFIC NOTES:

S1. Property lines and pre-construction topographical contours are sourced from the "Boundary and Topographic Survey, PPG Industries Site 114, Lots 11, 12, 14 and 15, Block 21501, City of Jersey City, Hudson County, New Jersey" prepared by Borbas Surveying and Mapping, LLC, dated January 8, 2019.

S2. Conceptual post-excavation elevation contours were generated using professional judgement based on post-excavation survey points and knowledge of excavation practices utilized during the remedial excavation (i.e., excavation conducted on a 30-foot by 30-foot basis). Post excavation survey points were sourced from the "Post Excavation Elevation Plan for ENTACT, LLC; PPG Site 133 & 135 Skyways," prepared by Maser Consulting P.A., dated June 30, 2017.

Soil Remediation Standards (mg/kg)		
Analyte	RDCSRS	NRDCSRS
BENZO(A)ANTHRACENE	5	17
BENZO(A)PYRENE	0.5	2
BENZO(B)FLUORANTHENE	5	17
BENZO(K)FLUORANTHENE	45	170
DIBENZO(A,H)ANTHRACENE	0.5	2
INDENO(1,2,3-CD)PYRENE	5	17
NAPHTHALENE	6	17

MAP LOCATION



AECOM

0 16 32 Feet

PPG
FORREST CURRENT-USE REMEDIATION AREAS
GARFIELD AVENUE GROUP
JERSEY CITY, NEW JERSEY

REMEDIAL ACTION WORK PLAN
SAMPLE MAP FOR SVOCs IN SOIL
COMPARED TO DIRECT CONTACT
SOIL REMEDIATION STANDARDS

Date: 3/11/2019 | Drawn by: ALC | FIGURE 4-6