

LEGEND

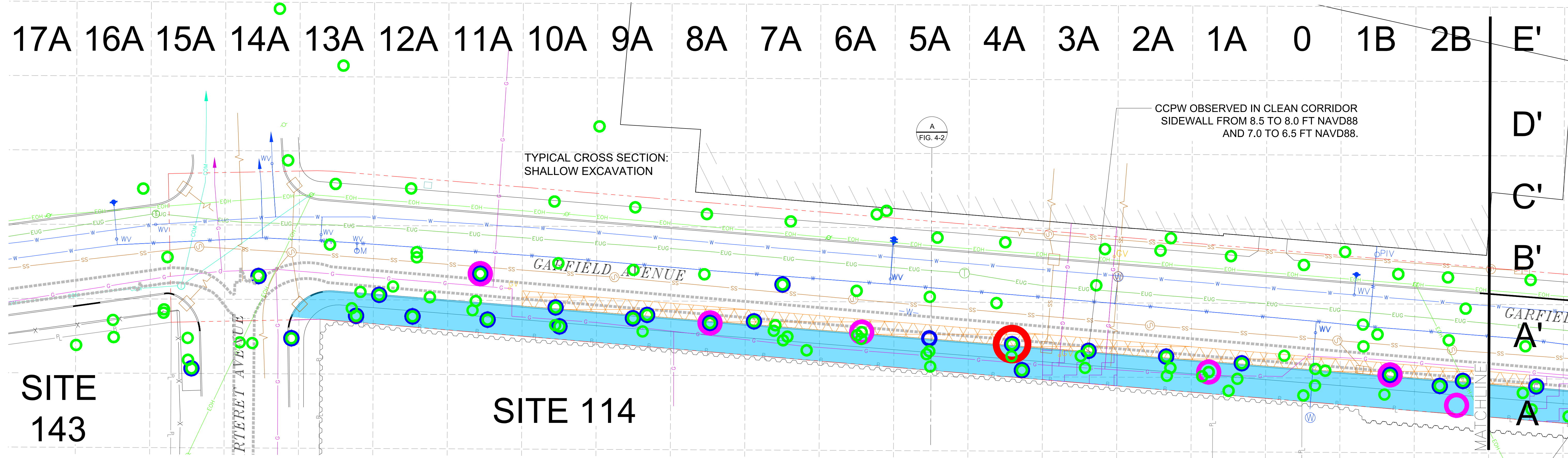
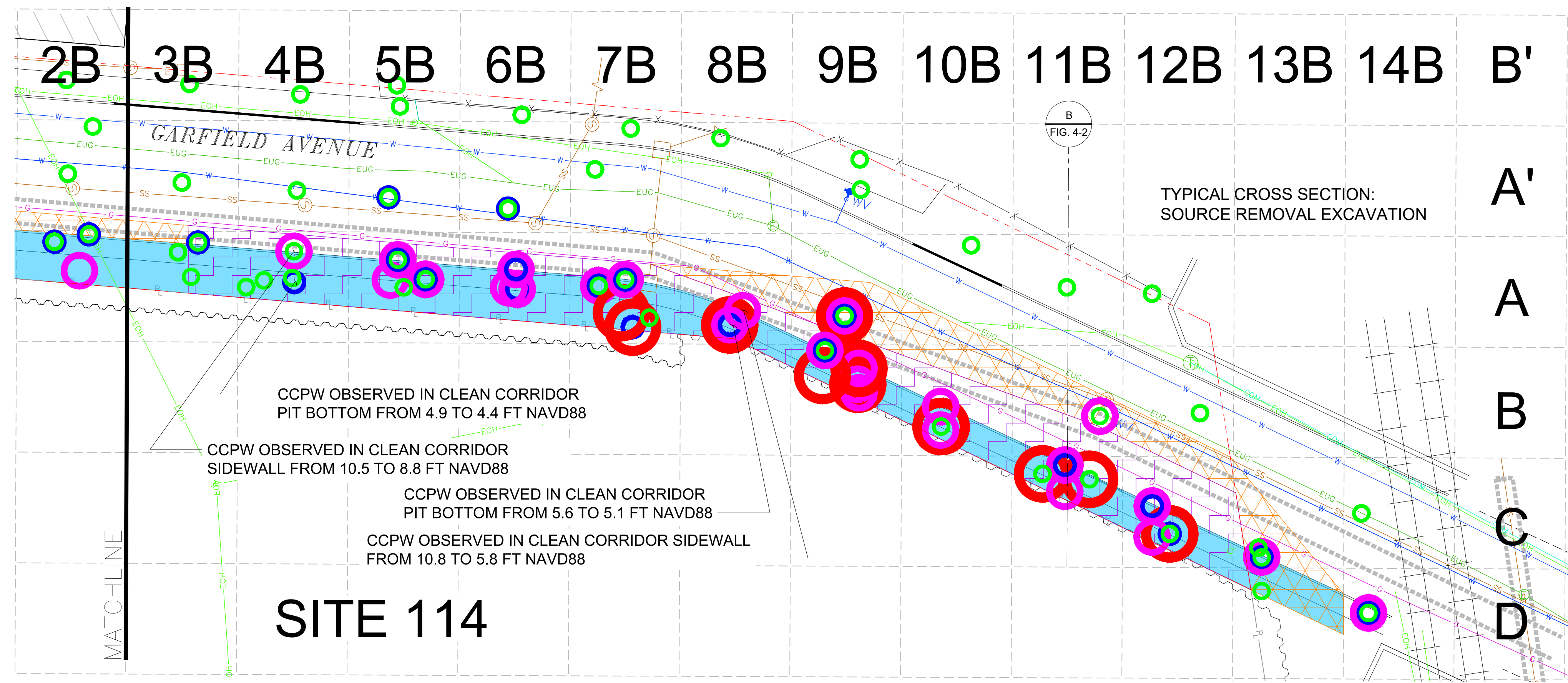
- PROPERTY LINE
- FENCE
- EXISTING SHEET PILE
- CURB
- EXISTING BUILDING
- NEW JERSEY TRANSIT LIGHT RAIL
- COMBINED SEWER UTILITY LINE
- GAS UTILITY LINE
- WATER UTILITY LINE
- OVERHEAD ELECTRIC UTILITY LINE
- UNDERGROUND ELECTRIC UTILITY LINE
- COMMUNICATION LINE - NOT SURVEYED
- UTILITY POLE
- MANHOLE (WATER, COMBINED SEWER, AND COMMUNICATIONS)
- FIRE HYDRANT
- POST INDICATOR VALVE
- WATER VALVE
- GAS VALVE
- CATCH BASIN INLET
- 78" STEEL COMBINED SEWER (APPROXIMATE)
- PHASE 4 GARFIELD AVENUE BOUNDARY

- HEXAVALENT CHROMIUM CONCENTRATIONS IN SOIL (CrSCC = 20 PPM)
- <20 PPM
 - 20 TO 100 PPM
 - 100 TO 1,000 PPM
 - 1,000 TO 4,840 PPM

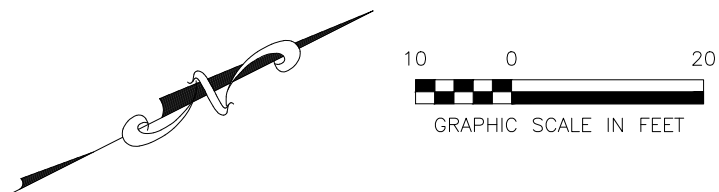
- PREVIOUS CLEAN CORRIDOR EXCAVATION
- CONCEPTUAL LIMIT OF EXCAVATION TO REMOVE SHALLOW SOIL IMPACTS
- CONCEPTUAL LIMIT OF EXCAVATION TO REMOVE SOURCE MATERIAL

- DEFINITIONS:**
- CCPW CHROMATE CHEMICAL PRODUCTION WASTE
 - CrSCC NJDEP INTERIM CHROMIUM SOIL CLEANUP CRITERIA
 - NAVD88 NORTH AMERICAN VERTICAL DATUM OF 1988
 - NJDEP NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
 - PPM PARTS PER MILLION

- NOTES:**
1. SOURCE MATERIAL IS VISUALLY OBSERVED CCPW OR ANALYTICAL SAMPLES WHERE THE HEXAVALENT CHROMIUM CONCENTRATION EXCEEDS 1000 PPM.
 2. WHERE SOURCE MATERIAL IS PRESENT BENEATH THE BOTTOM OF THE CLEAN CORRIDOR, CLEAN BACKFILL PLACED IN THE CLEAN CORRIDOR WILL BE EXCAVATED TO ACCESS AND REMOVE THE UNDERLYING SOURCE MATERIAL, TO THE EXTENT FEASIBLE.
 3. WHERE SOURCE MATERIAL IS PRESENT IN THE CLEAN CORRIDOR EXCAVATION'S SIDEWALL THE PROPOSED EXCAVATION WILL SLOPE BACK INTO THE CLEAN CORRIDOR'S FOOTPRINT TO REMOVE SOURCE MATERIAL, TO THE EXTENT FEASIBLE.



*FINAL PROPOSED EXCAVATION SURFACE TO BE PREPARED PRIOR TO ROAD WIDENING AS PART OF FUTURE CANAL CROSSING REDEVELOPMENT REMEDIAL ACTION.



PPG GARFIELD AVE GROUP OF SITES JERSEY CITY, NEW JERSEY	REMEDIAL ACTION WORK PLAN (SOIL) GARFIELD AVENUE ROADWAY LIMITED REMEDIAL EXCAVATION CONCEPTUAL PLAN VIEW
DATE: 06/21/2018	DRWN: CCD/ALC
FIGURE 4-1	