

# NOTES:

- 1. REVISION 4 INCLUDES A PROPERTY LINE ADJUSTMENT BASED ON THE 11/28/16 SURVEY BY GODFREY-HOFFMAN & ASSOC.
- 2. ADAPTED FROM PLAN TITLED "SITE PLAN AND APPROXIMATE PARCEL BOUNDARIES" DATED 10/07/2016 BY TRC COMPANIES, INC..
- 3. AERIAL IMAGE FROM GOOGLE EARTH PRO, DATE OF IMAGE: 04/20/2016

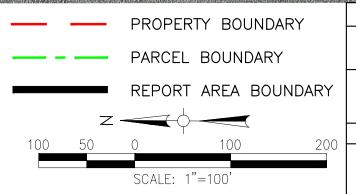


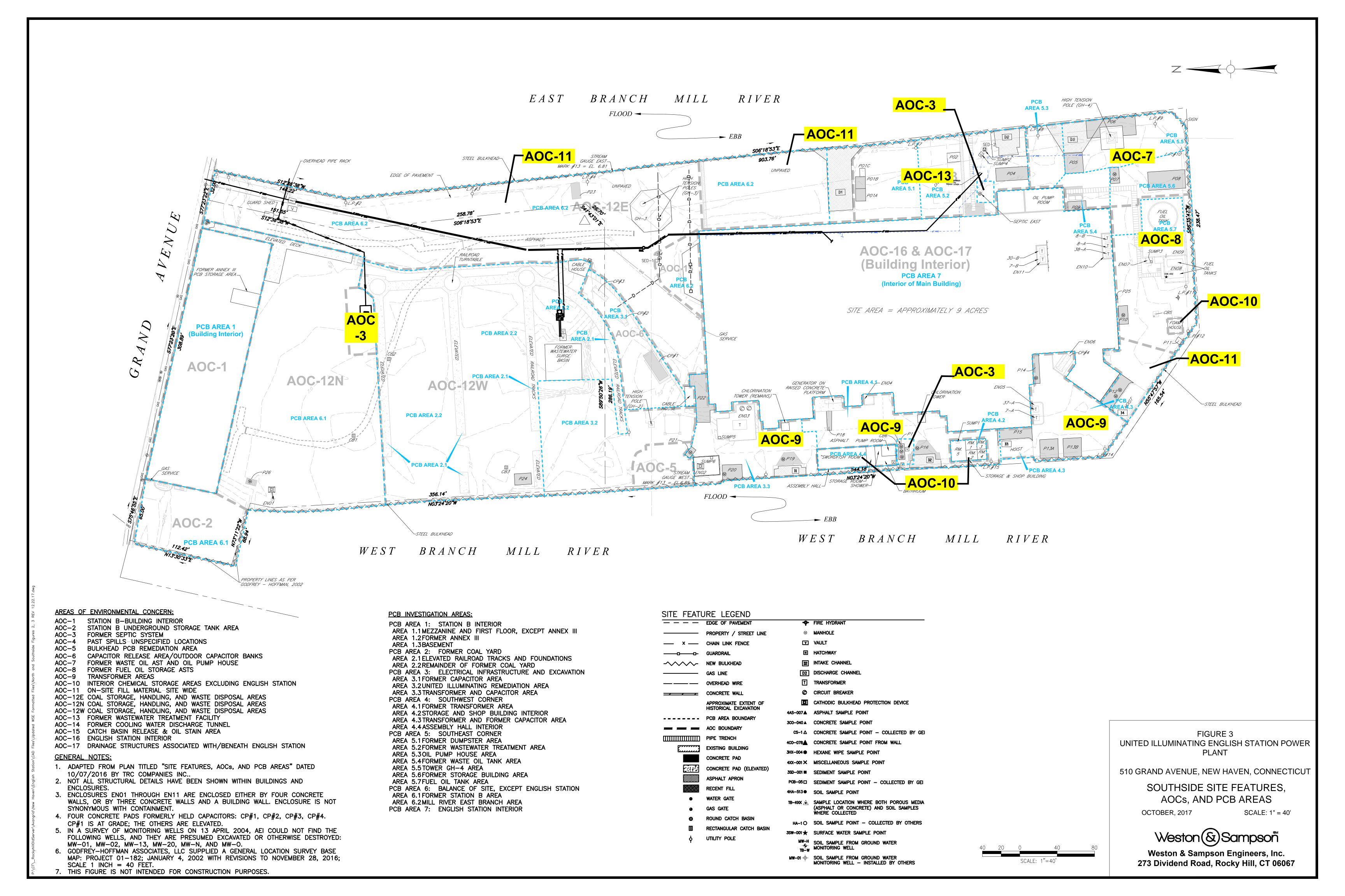
FIGURE 2

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

SITE PLAN WITH PARCEL BOUNDARY

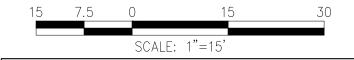
DESIGNED BY: PML CHECKED BY: MB DATE: OCTOBER 2017





- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

- 1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- 2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- 3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



# FIGURE 4-1

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-3 (SEPTIC WEST) 2017 SAMPLE LOCATIONS: 0-2 FEET DEPTH

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- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
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- 3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



FIGURE 4-2

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-3 (SEPTIC WEST) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

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- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION

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- 3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



FIGURE 4-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-3 (SEPTIC WEST) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

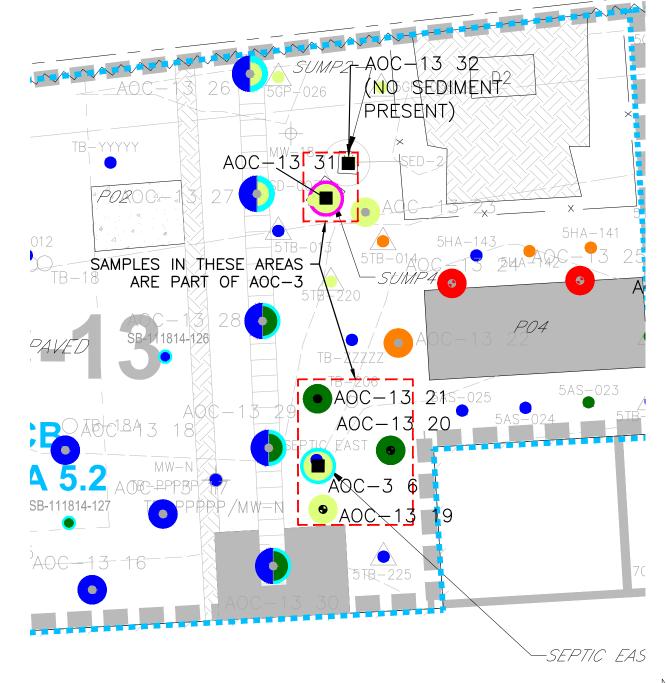
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### NOTES:

- 1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- 2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- 3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

## LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < I/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- A POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL ANDPOROUS MEDIA SAMPLE LOCATION
- W&S 2017 POROUS MEDIA/ SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

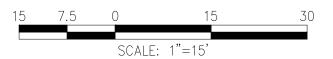


FIGURE 5-1

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

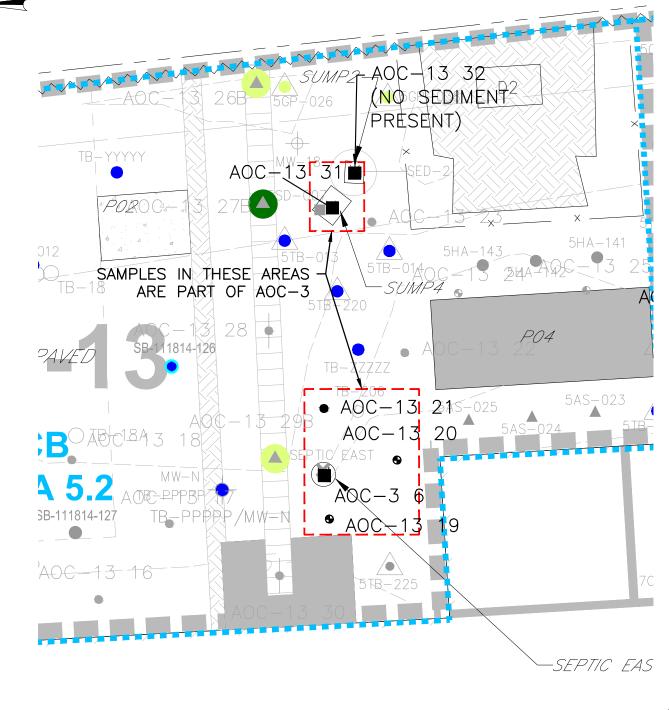
AOC-3 (SEPTIC EAST)
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

DESIGNED BY: PML

CHECKED BY: MB DATE:

DATE: OCTOBER 2017





- 1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- 2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- 3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

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- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
- POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- W&S 2017 POROUS MEDIA/ SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

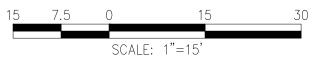


FIGURE 5-2

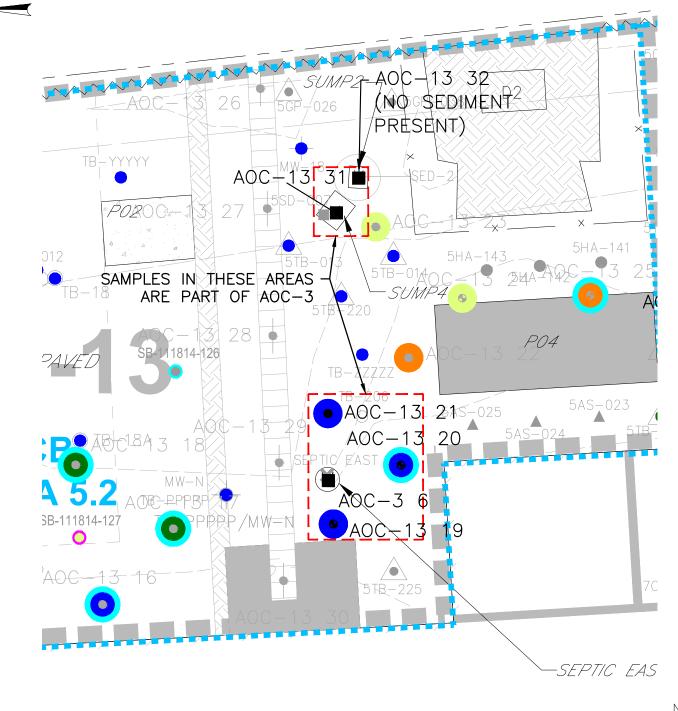
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-3 (SEPTIC EAST) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML CHECKED BY: MB DATE:

OCTOBER 2017





### NOTES:

- 1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- 2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
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- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
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- W&S 2017 POROUS MEDIA/ SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

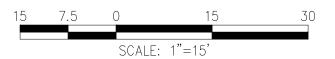


FIGURE 5-3

UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

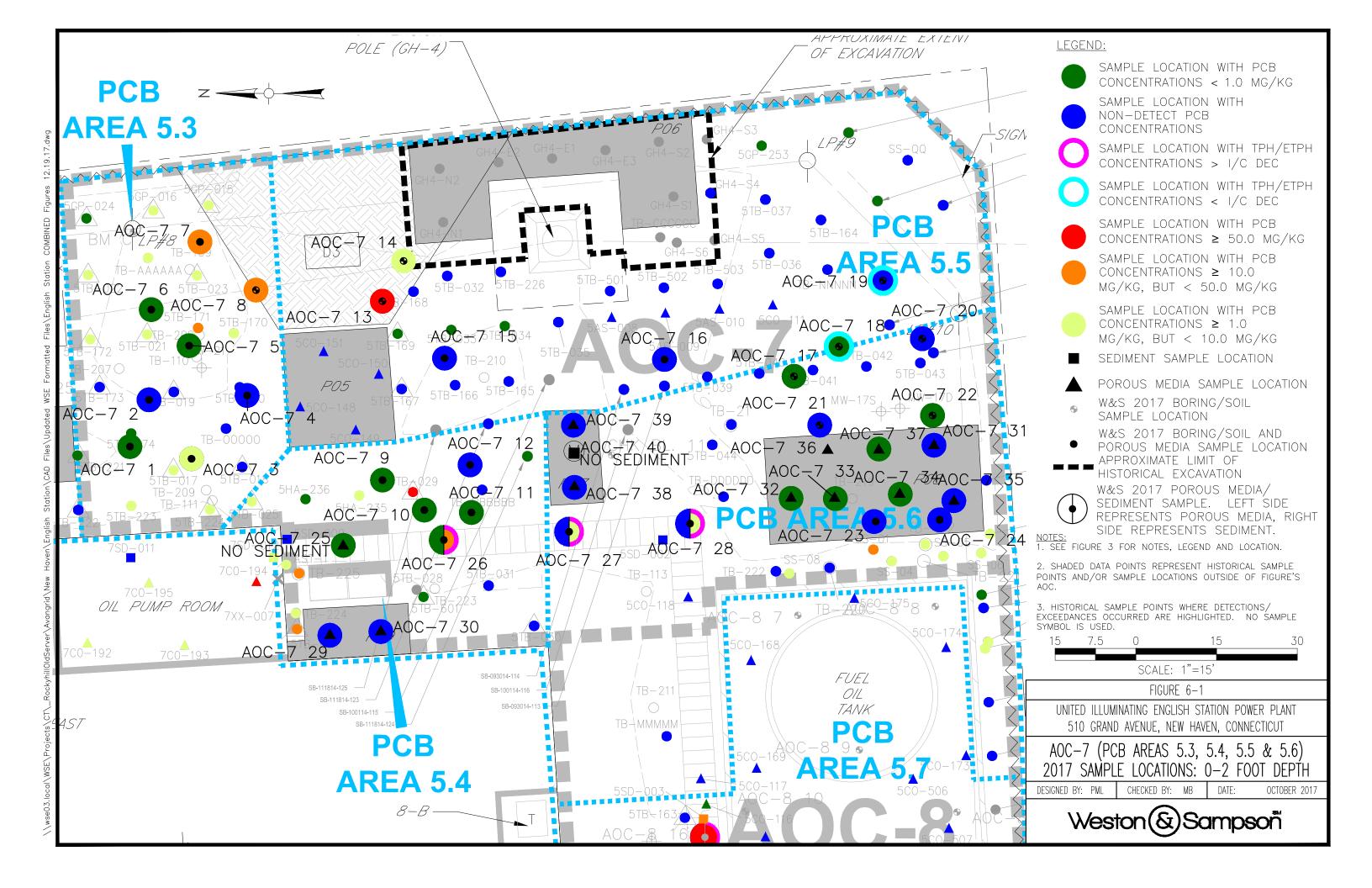
AOC-3 (SEPTIC EAST)
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

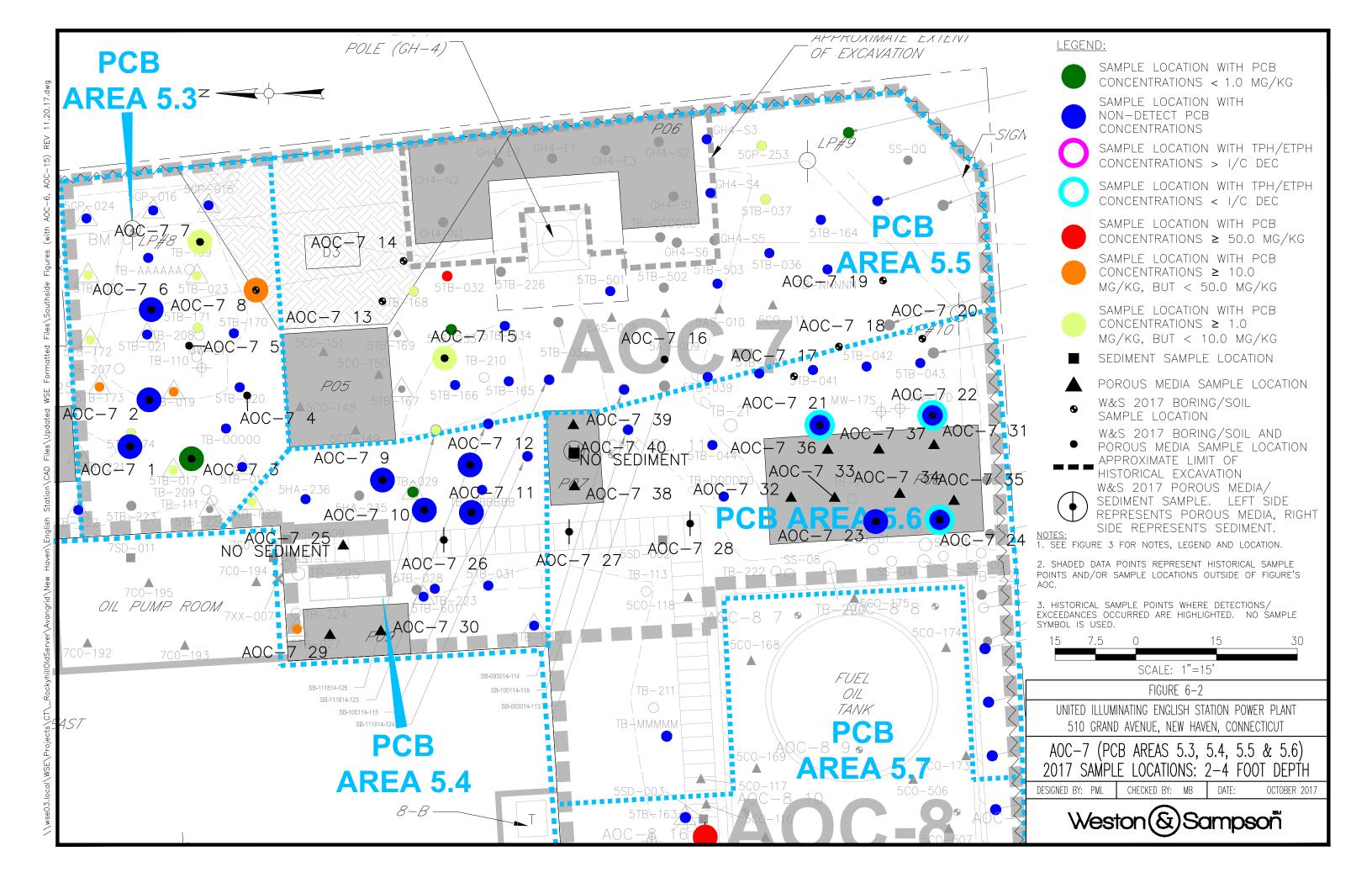
DESIGNED BY: PML CHE

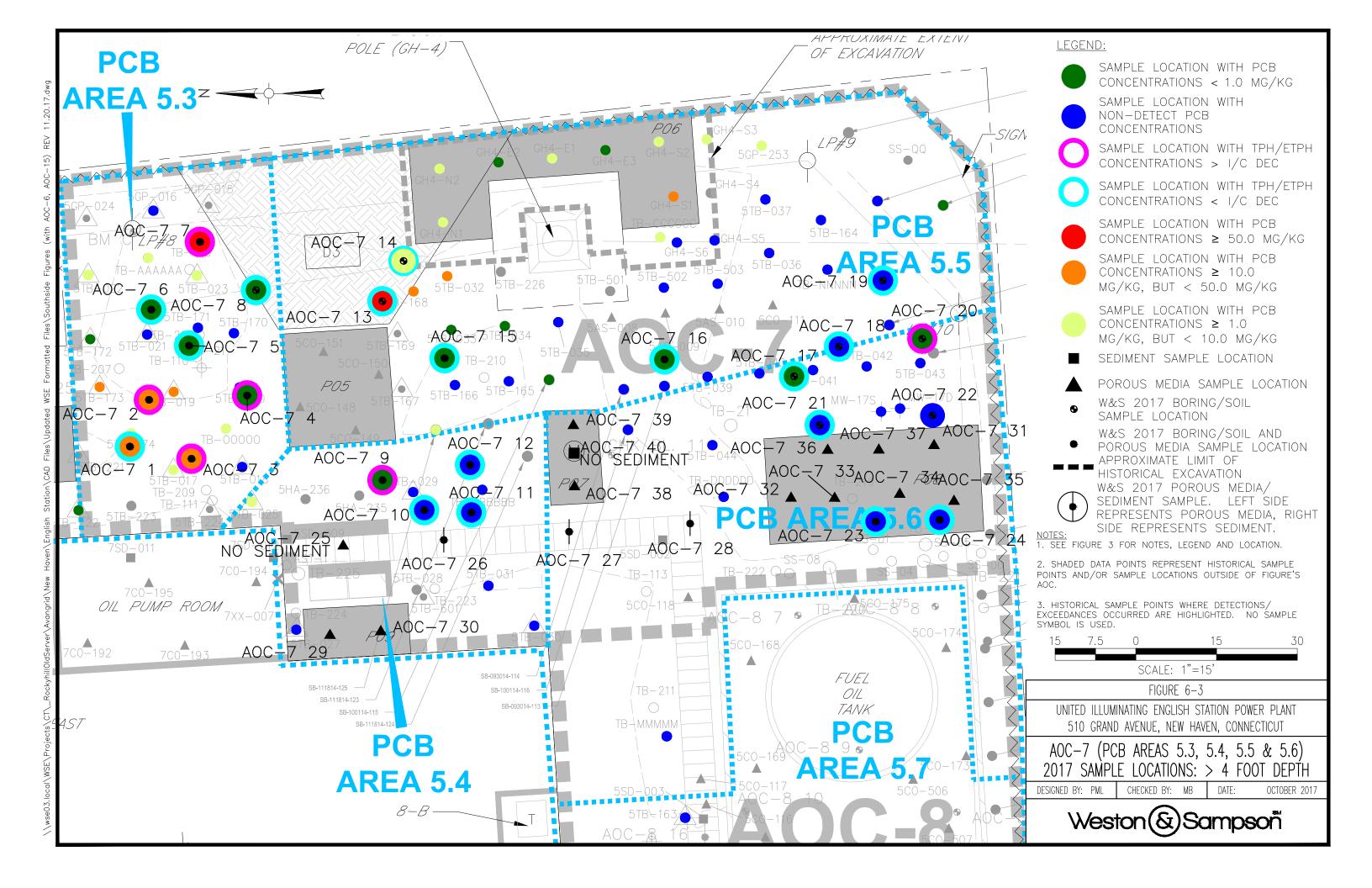
CHECKED BY: MB DATE:

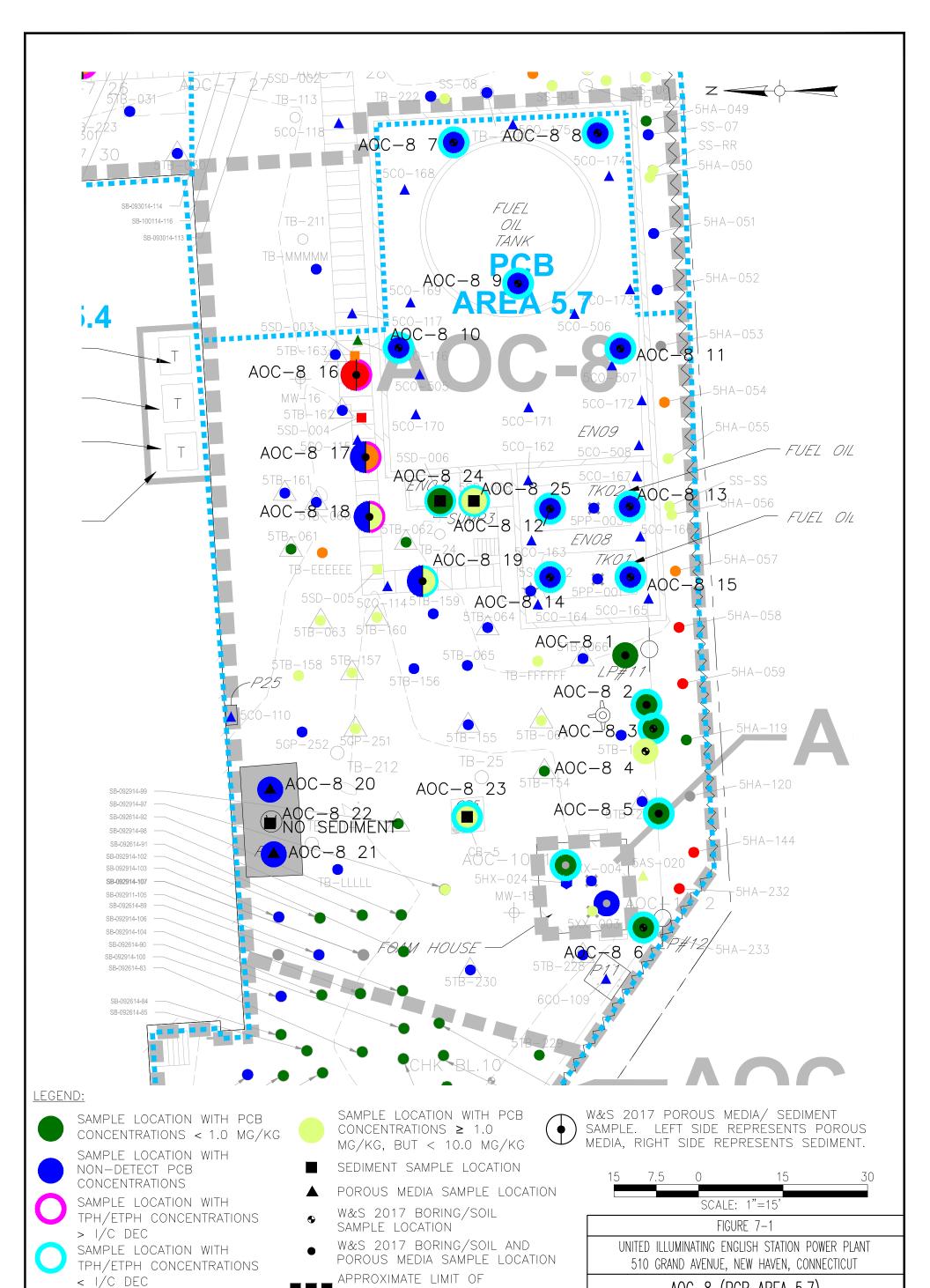
DATE: OCTOBER 2017

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SYMBOL IS USED.

SAMPLE LOCATION WITH PCB

SAMPLE LOCATION WITH PCB

MG/KG, BUT < 50.0 MG/KG

CONCENTRATIONS ≥ 50.0

CONCENTRATIONS ≥ 10.0

MG/KG

HISTORICAL EXCAVATION NOTES: HISTORICAL EXCAVATION

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE

EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/

POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

AOC-8 (PCB AREA 5.7)

2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

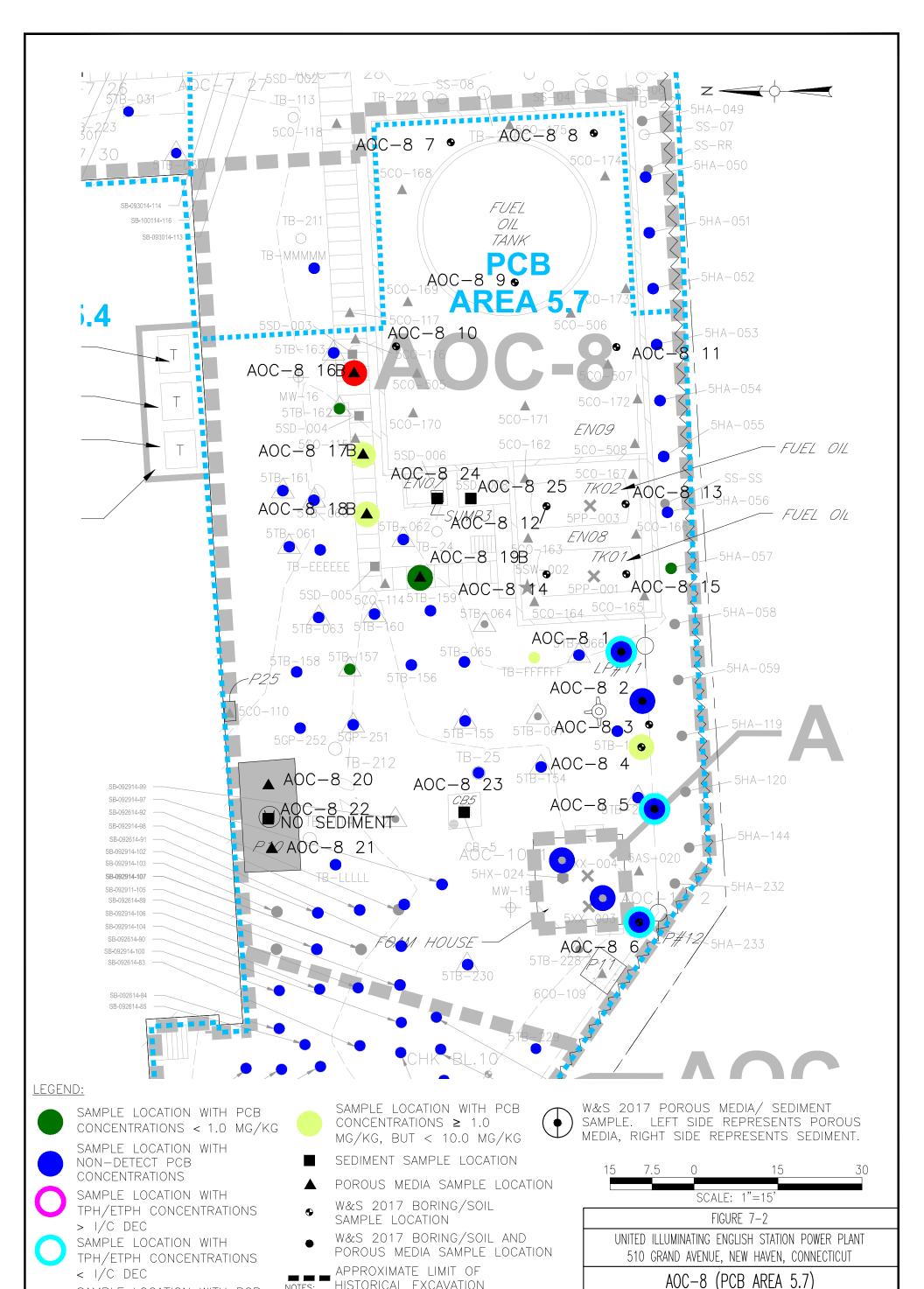
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NOTES: HISTORICAL EXCAVATION

1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.

2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE

EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE

3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/

SYMBOL IS USED.

POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.

2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

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SAMPLE LOCATION WITH PCB

SAMPLE LOCATION WITH PCB

MG/KG, BUT < 50.0 MG/KG

CONCENTRATIONS ≥ 50.0

CONCENTRATIONS ≥ 10.0

MG/KG