

**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/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
  - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- 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.



W&S 2017 POROUS MEDIA/ SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

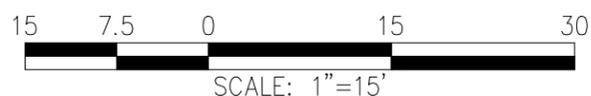
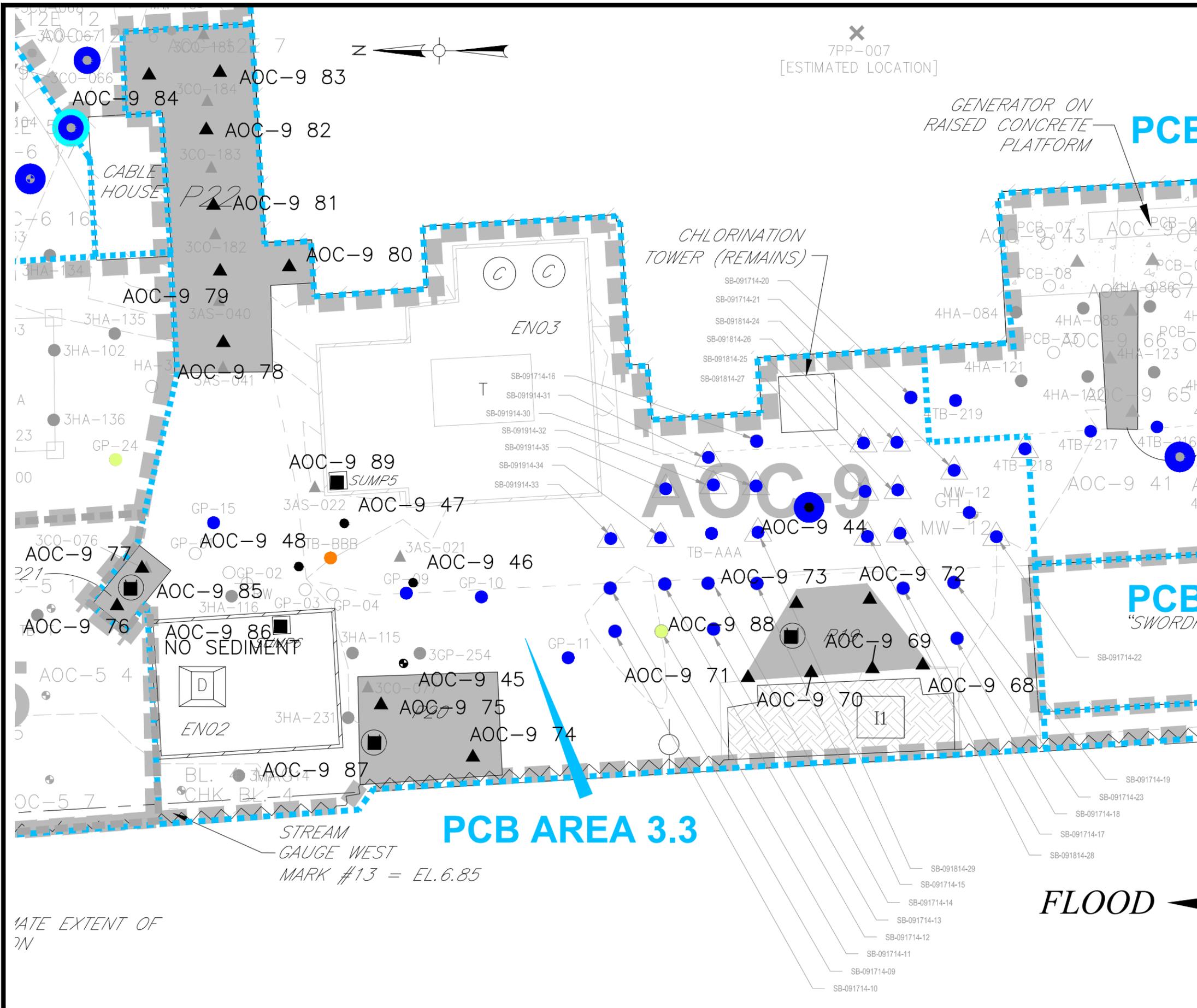


FIGURE 7-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-8 (PCB AREA 5.7) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
<b>Weston &amp; Sampson<sup>SM</sup></b>		



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- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
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FIGURE 8A-2

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

AOC-9 (PCB AREA 3.3)  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

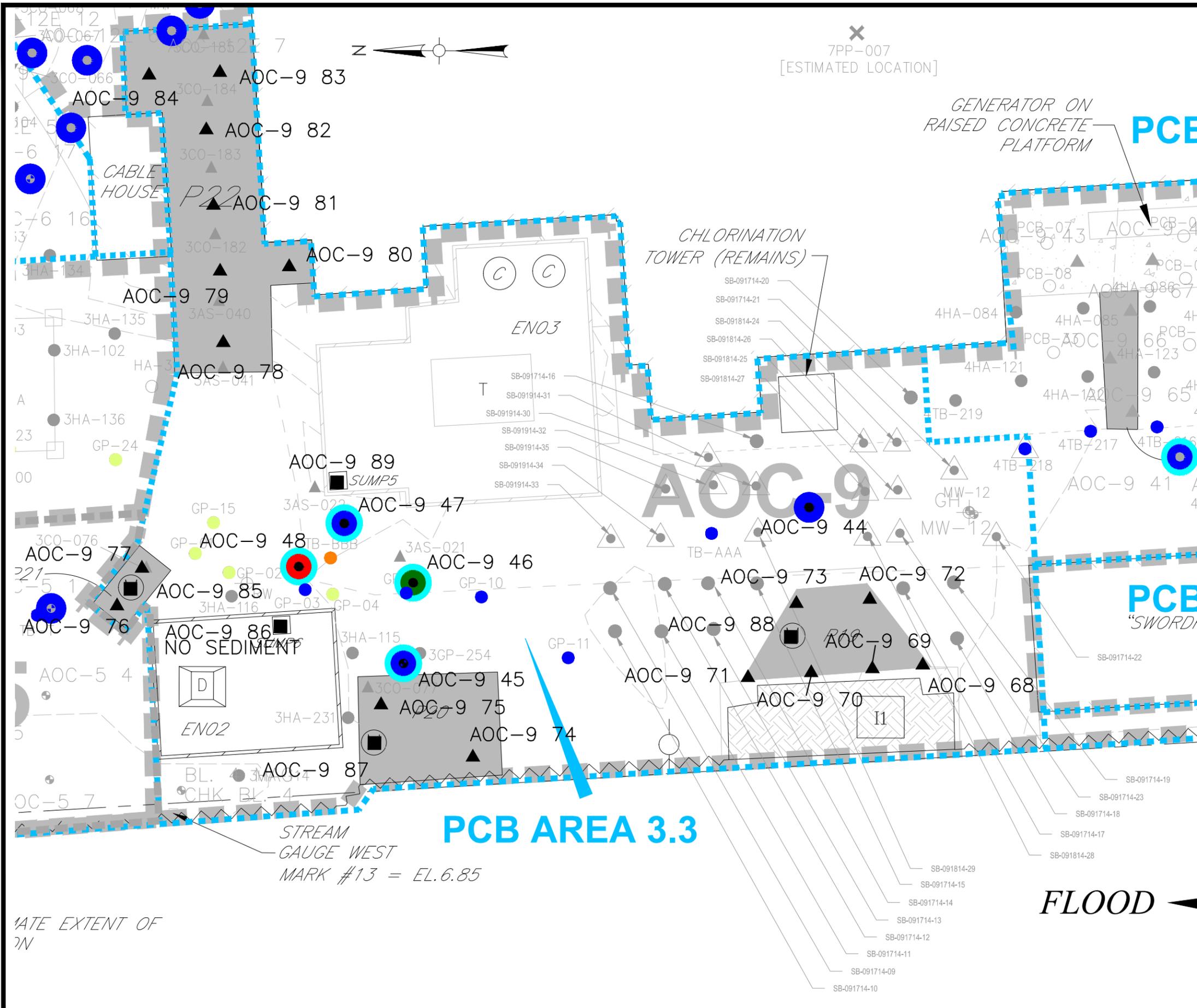
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson**<sup>SM</sup>

DATE EXTENT OF 2017

FLOOD

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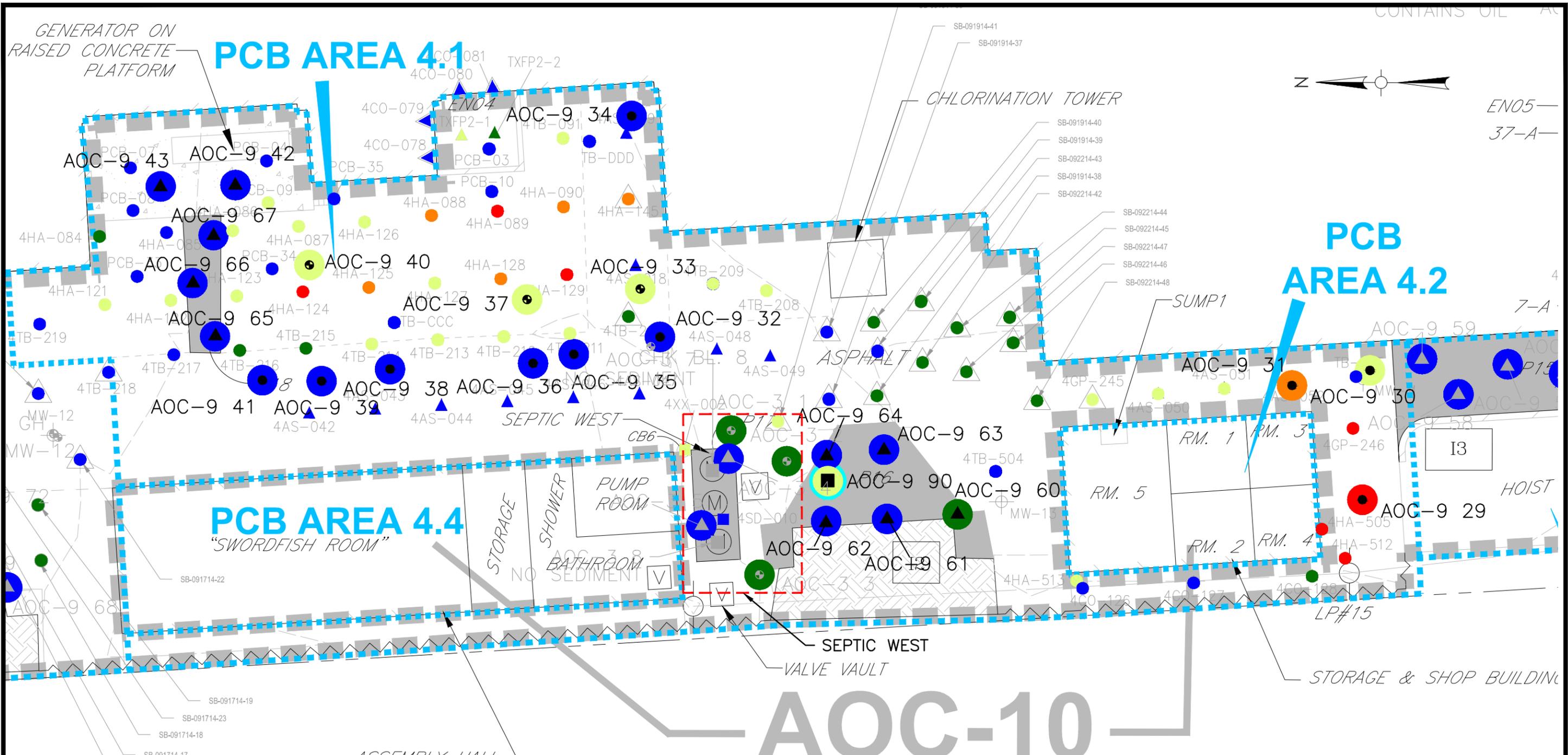


FIGURE 8A-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 3.3) 2017 SAMPLE LOCATIONS > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
<b>Weston &amp; Sampson</b> <sup>SM</sup>		

DATE EXTENT OF 2017

FLOOD

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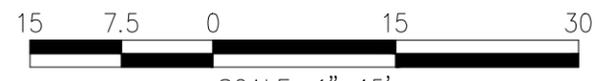


FIGURE 8B-1

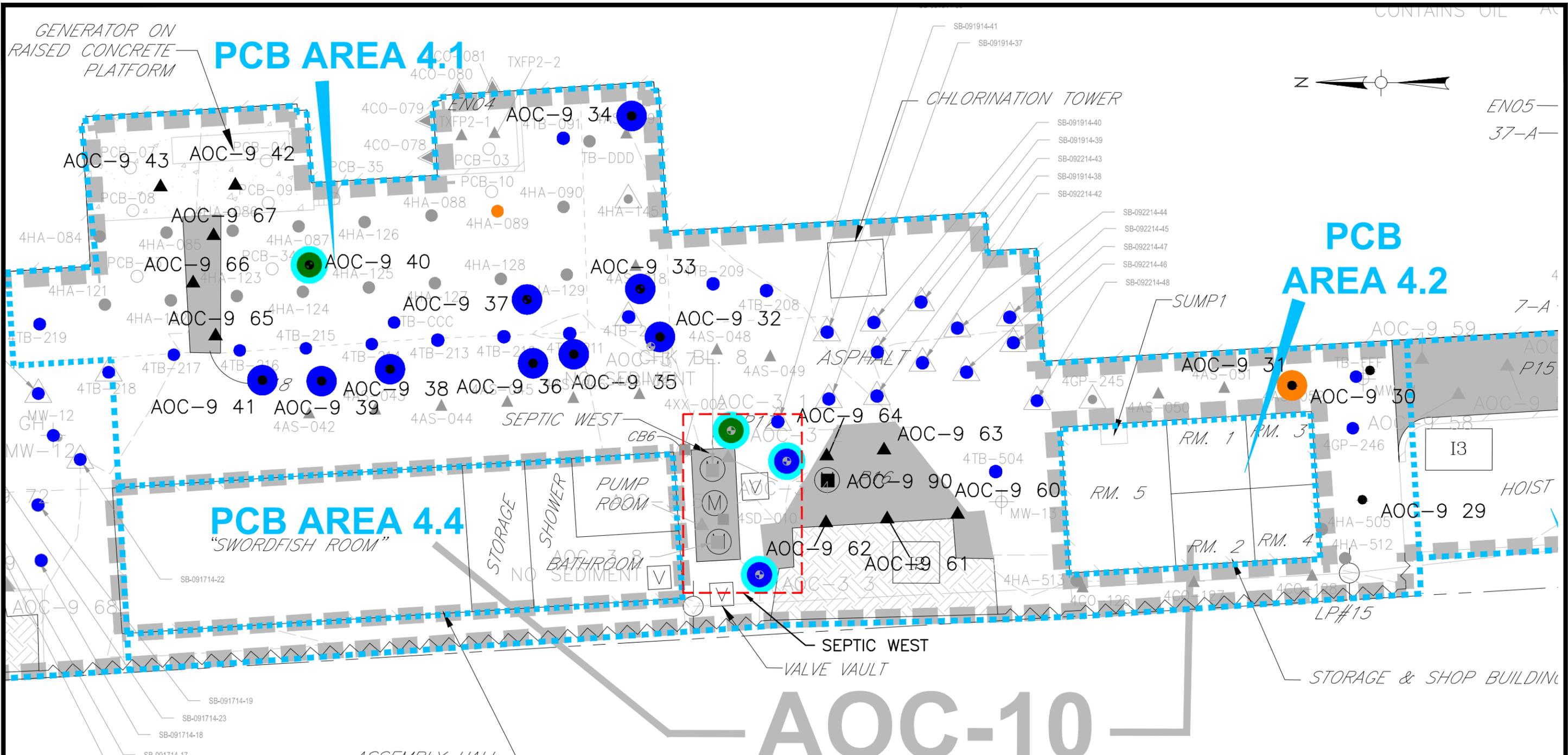
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.1)  
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson<sup>SM</sup>**

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SCALE: 1"=15'

FIGURE 8B-2

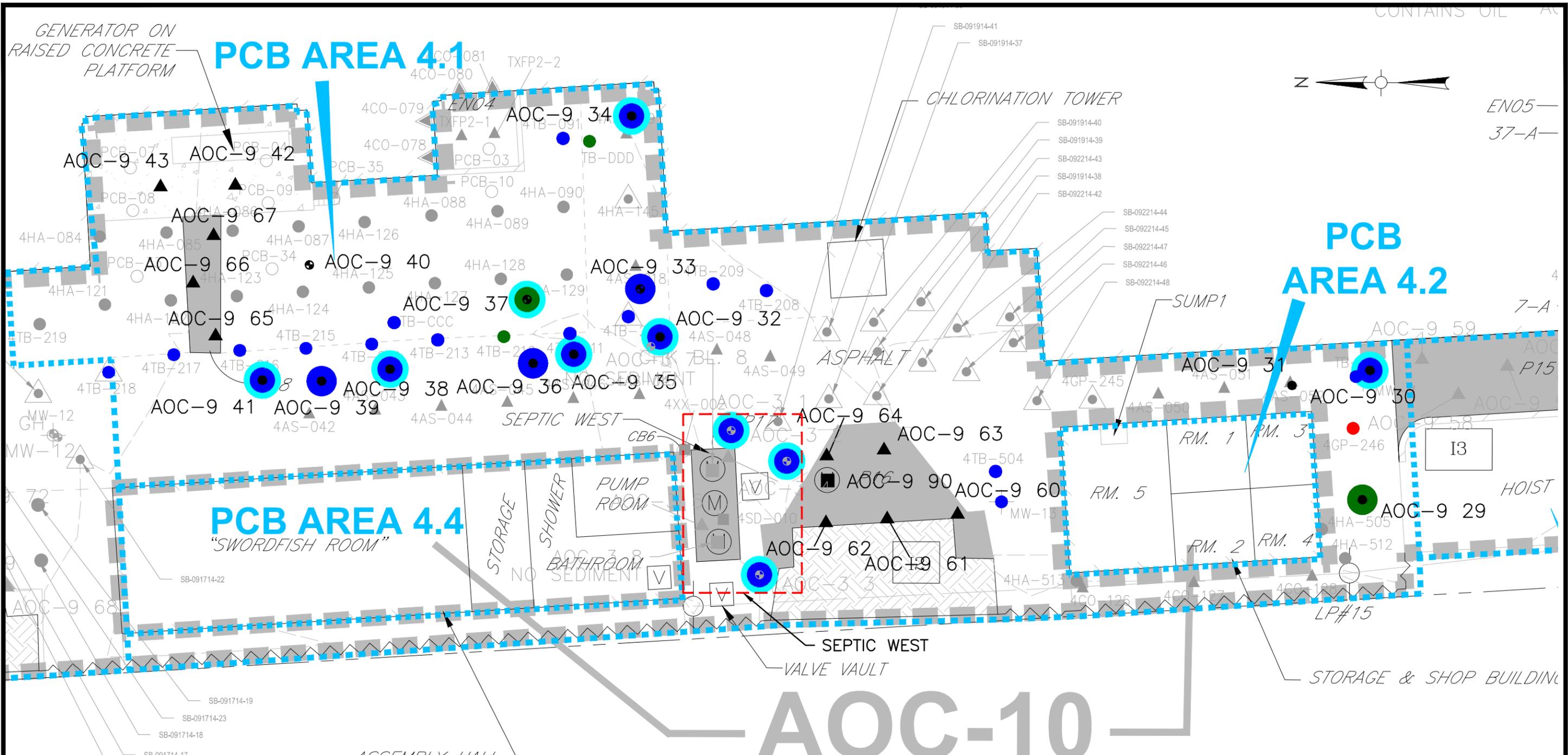
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.1)  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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SCALE: 1"=15'

FIGURE 8B-3

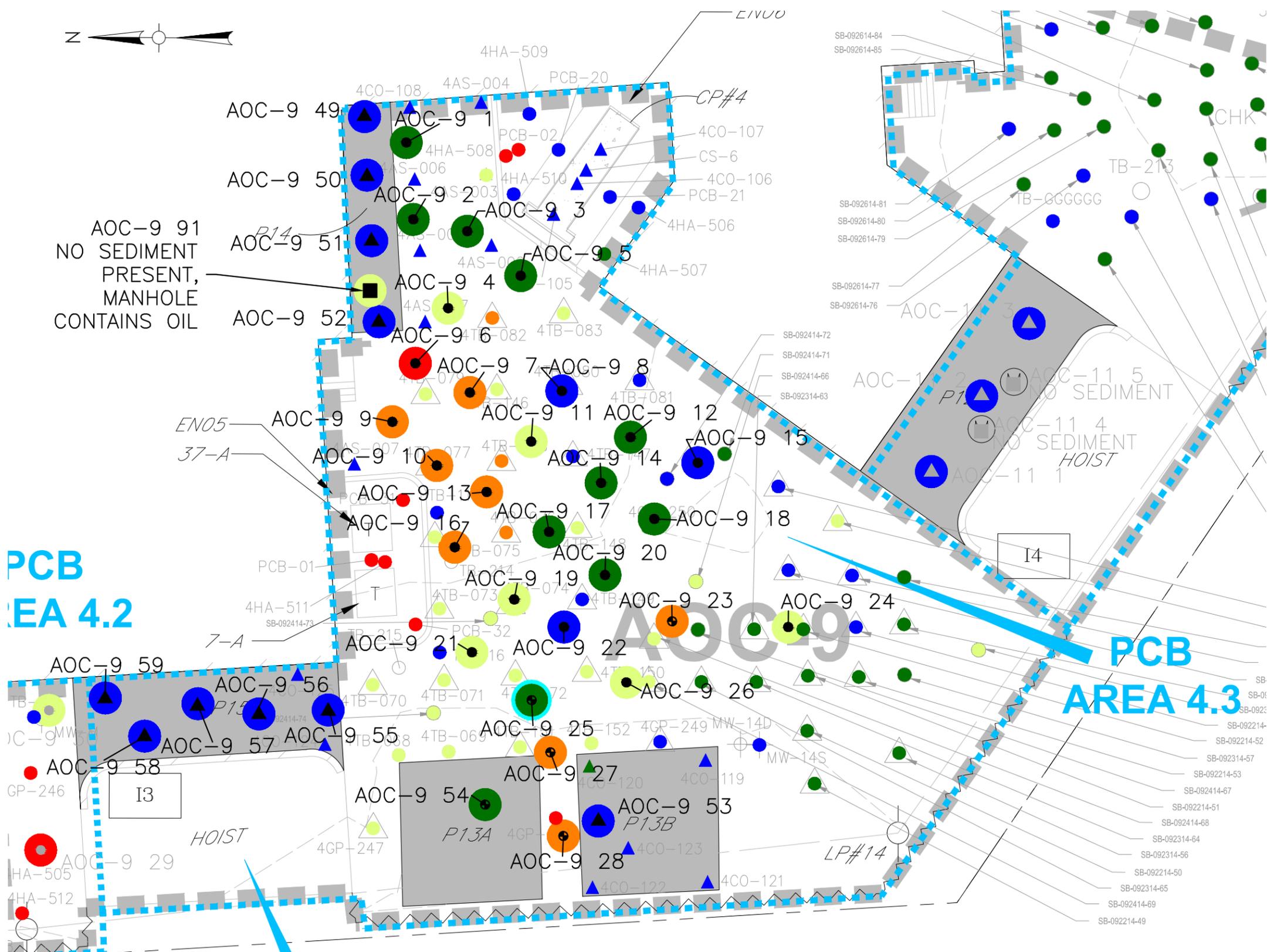
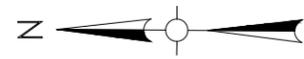
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-9 (PCB AREA 4.1)  
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

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



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- LEGEND:**
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  - 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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  - ▲ POROUS MEDIA SAMPLE LOCATION
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15 7.5 0 15 30  
SCALE: 1"=15'

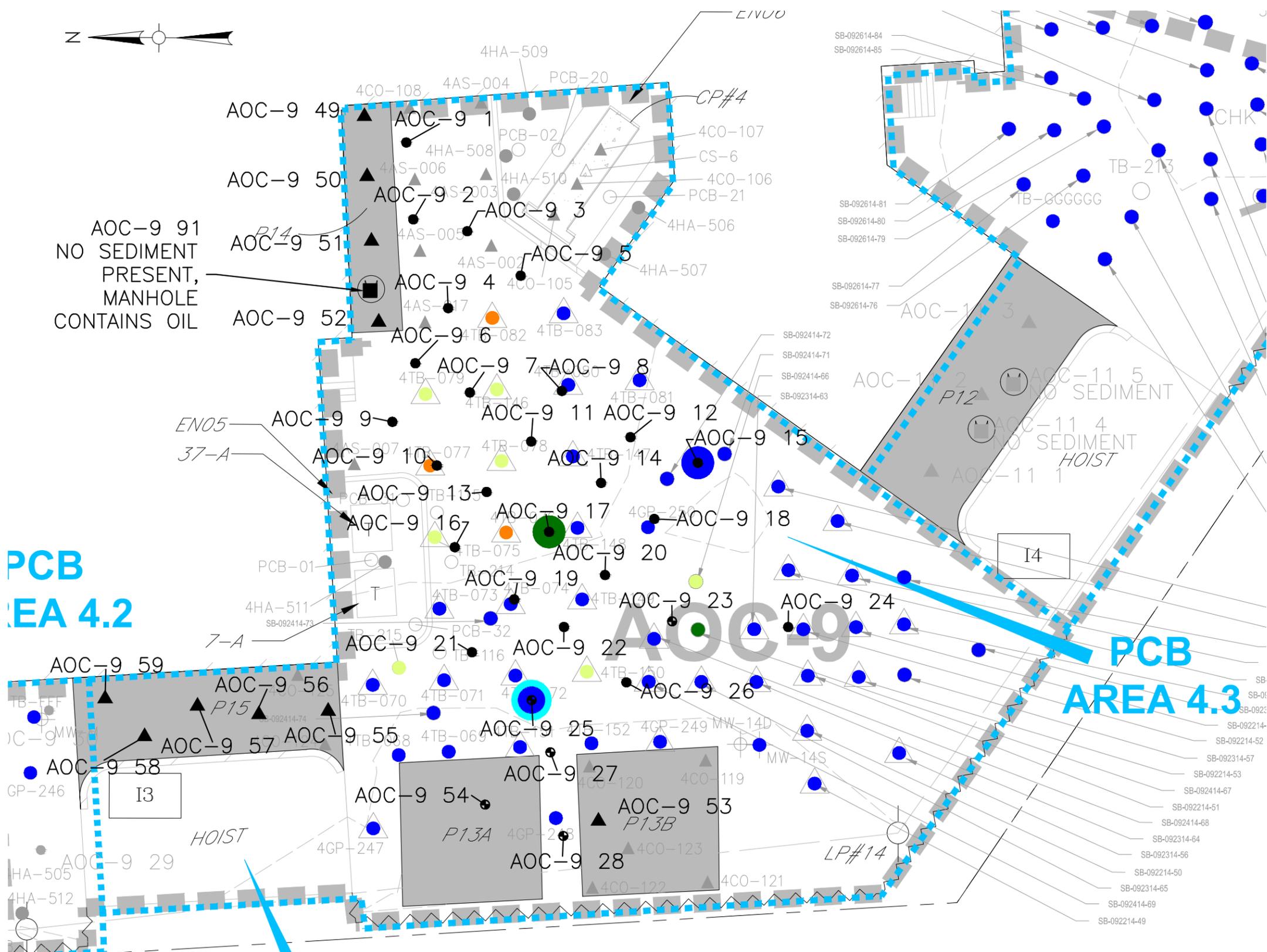
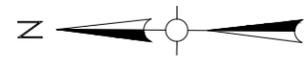
**PCB AREA 4.2**

**PCB AREA 4.3**

**PCB AREA 4.3**

FIGURE 8C-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 4.3) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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AOC-9 91  
NO SEDIMENT  
PRESENT,  
MANHOLE  
CONTAINS OIL

PCB  
AREA 4.2

PCB  
AREA 4.3

PCB AREA 4.3

LEGEND:

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- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
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- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SEDIMENT SAMPLE LOCATION
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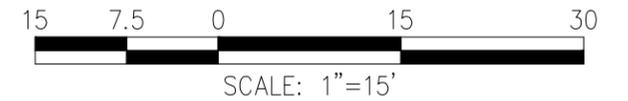
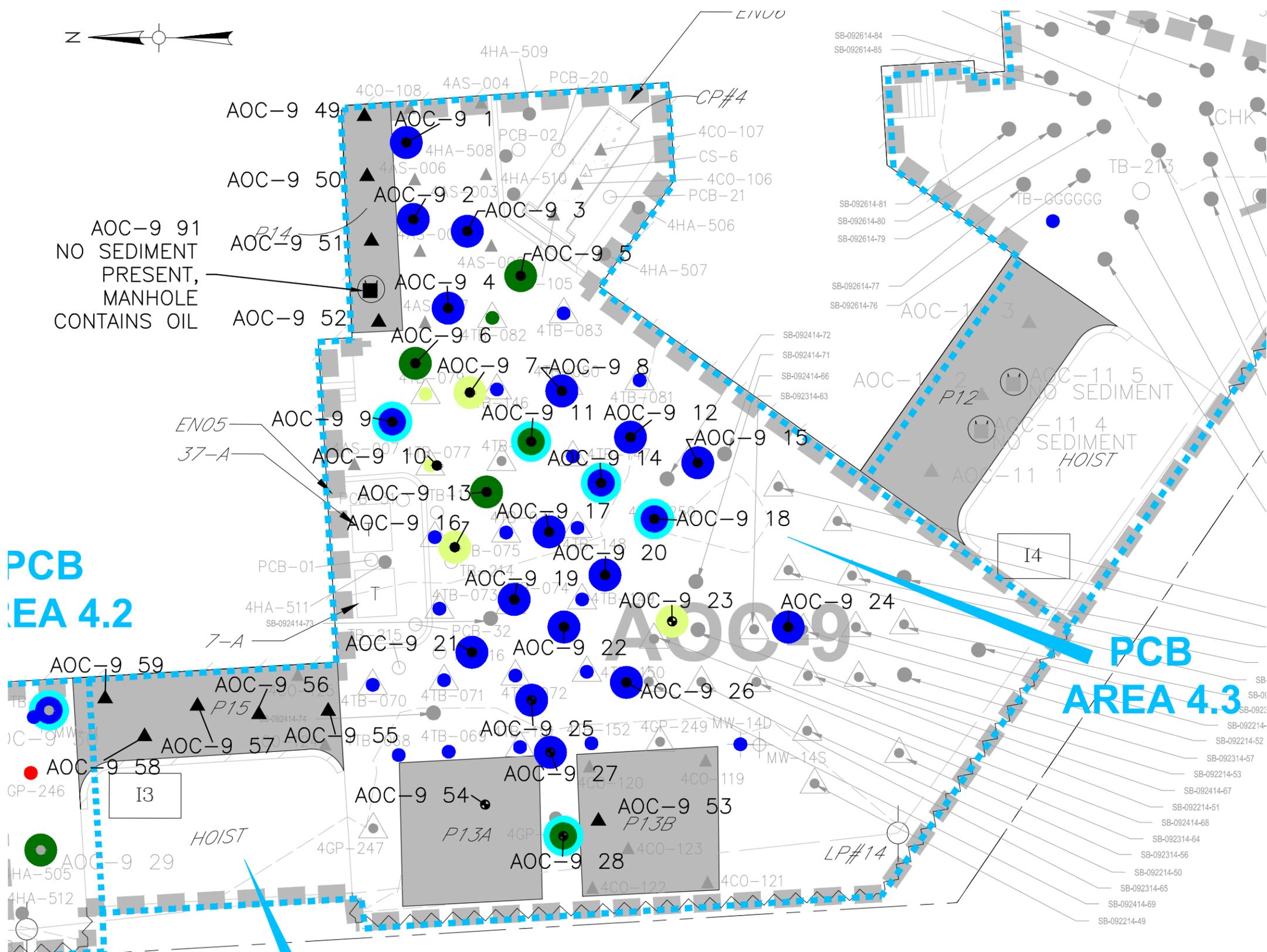
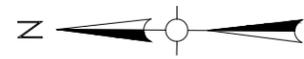


FIGURE 8C-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 4.3) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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AOC-9 91  
NO SEDIMENT  
PRESENT,  
MANHOLE  
CONTAINS OIL

PCB  
AREA 4.2

PCB  
AREA 4.3

PCB AREA 4.3

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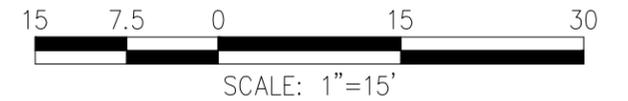
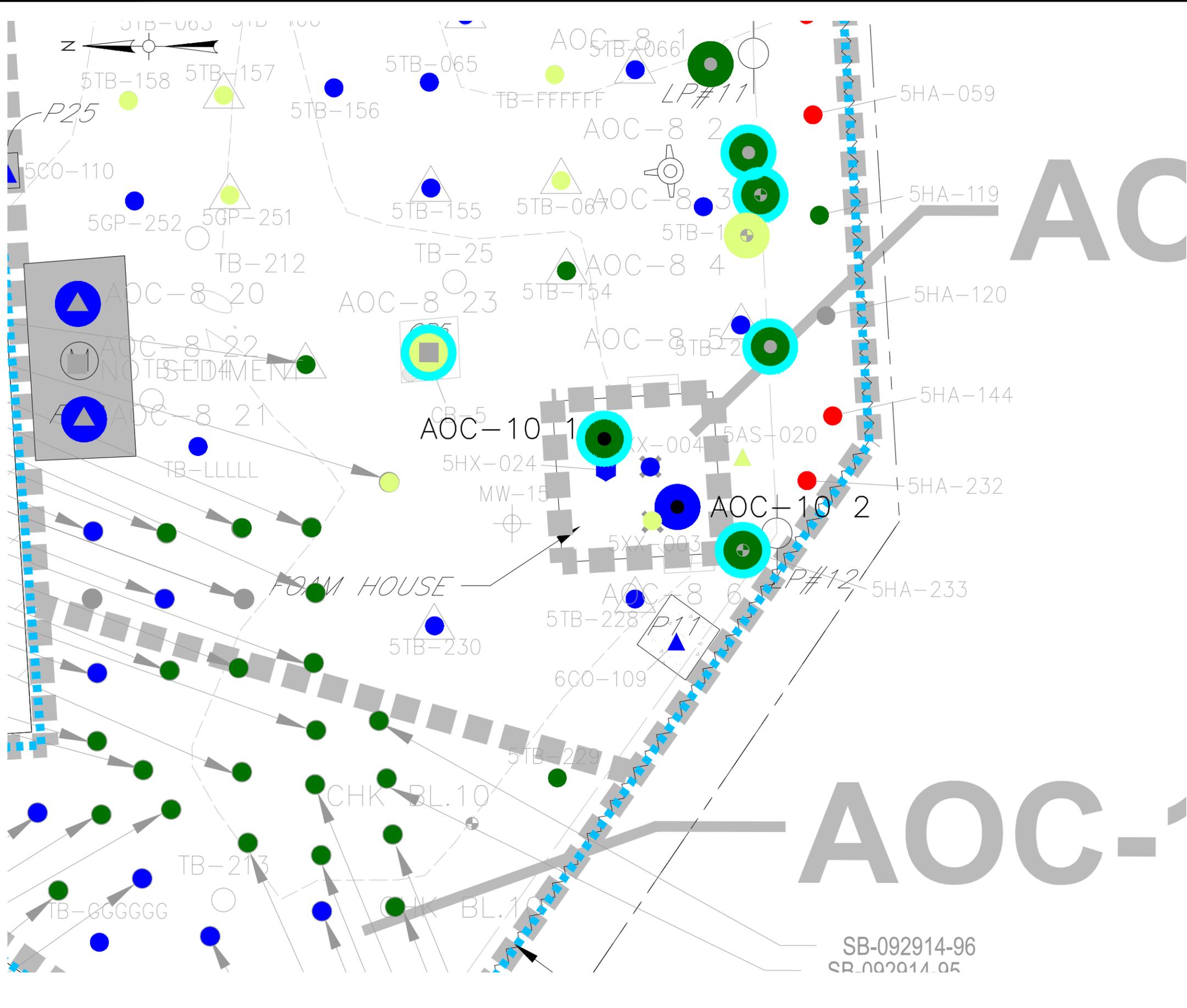


FIGURE 8C-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-9 (PCB AREA 4.3) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
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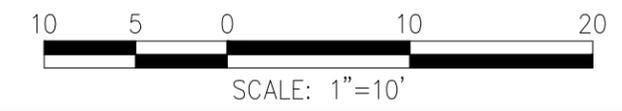
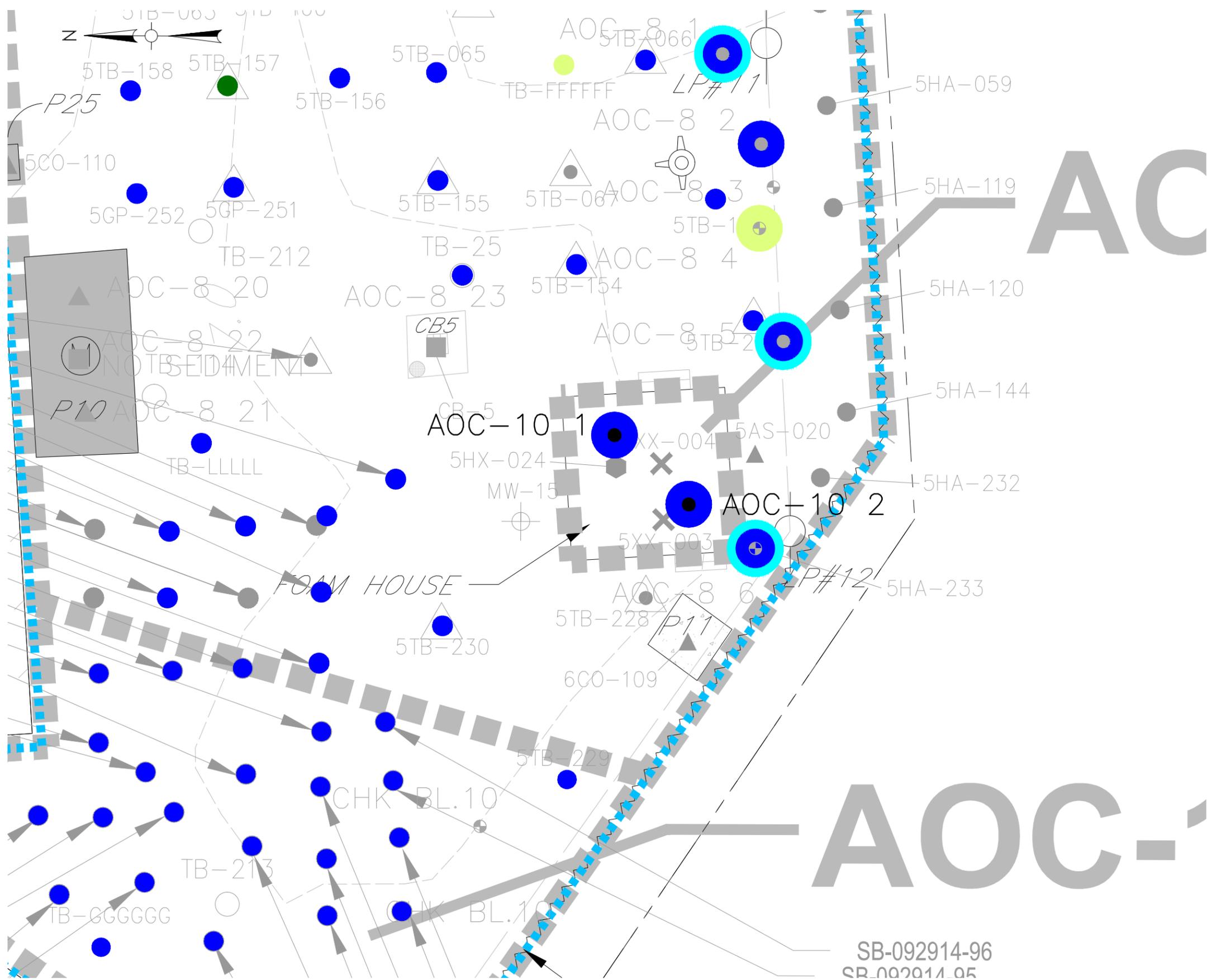


FIGURE 9A-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10		
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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SR.002014.05

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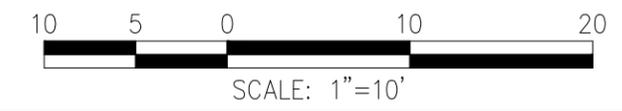
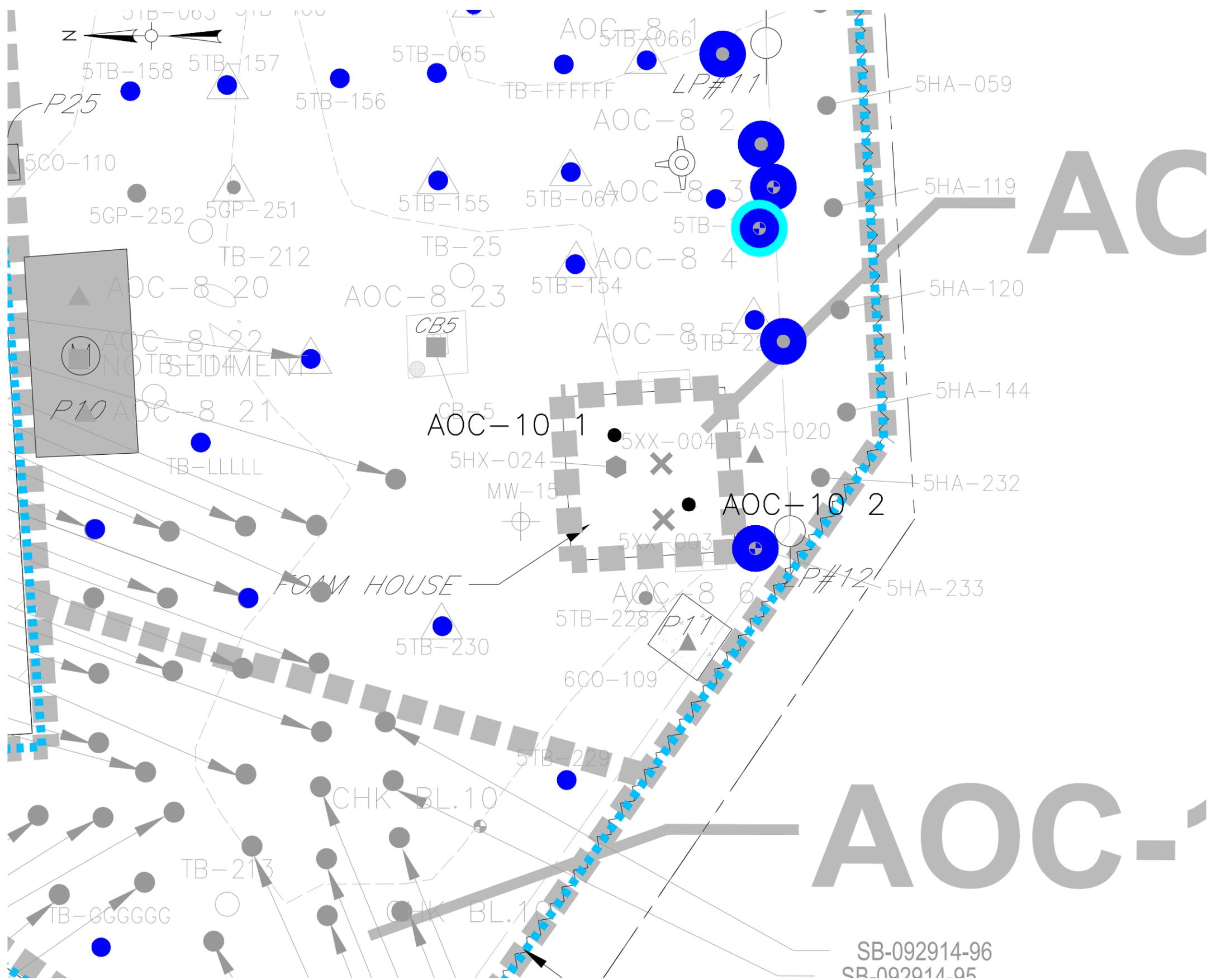


FIGURE 9A-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10		
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
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- ▲ POROUS MEDIA SAMPLE LOCATION
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- - - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

**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.

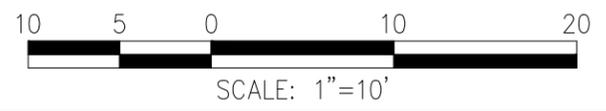
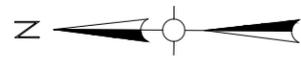


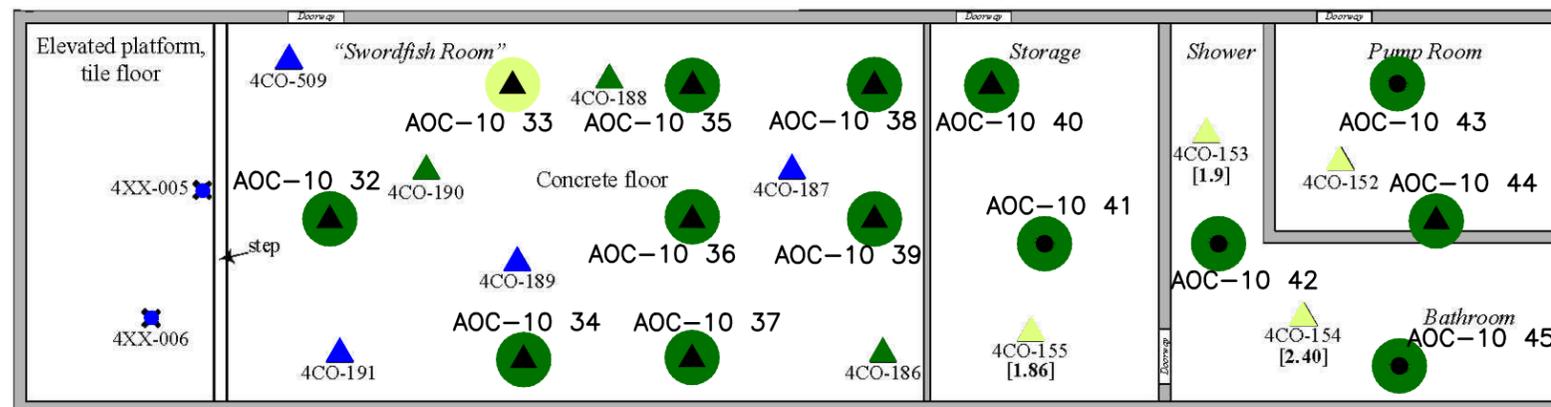
FIGURE 9A-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10		
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
<b>Weston &amp; Sampson<sup>SM</sup></b>		

SB-092914-96  
SR.002014.05

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## PCB AREA 4.4 – ASSEMBLY HALL



**SOURCE:**  
 Figure A4.4: PCB Area 4.4: Concrete and Miscellaneous Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



### LEGEND:

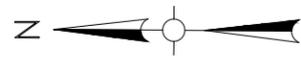
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB 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

### NOTES:

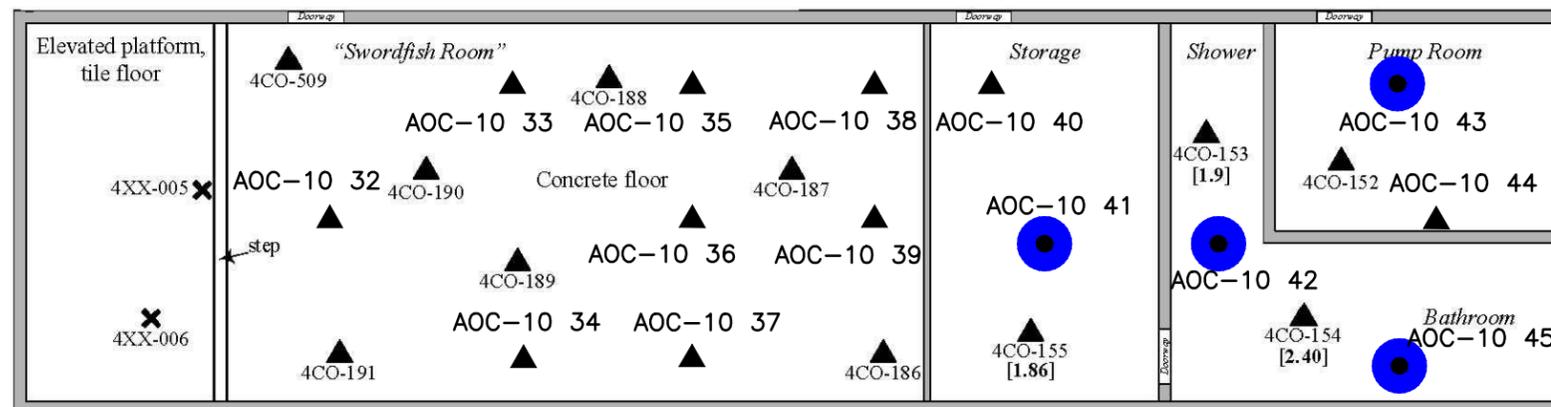
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9B-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.4) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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## PCB AREA 4.4 – ASSEMBLY HALL



**SOURCE:**  
 Figure A4.4: PCB Area 4.4: Concrete and Miscellaneous Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



### LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/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

### 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.

FIGURE 9B-2

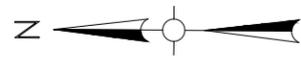
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-10 (PCB AREA 4.4)  
 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

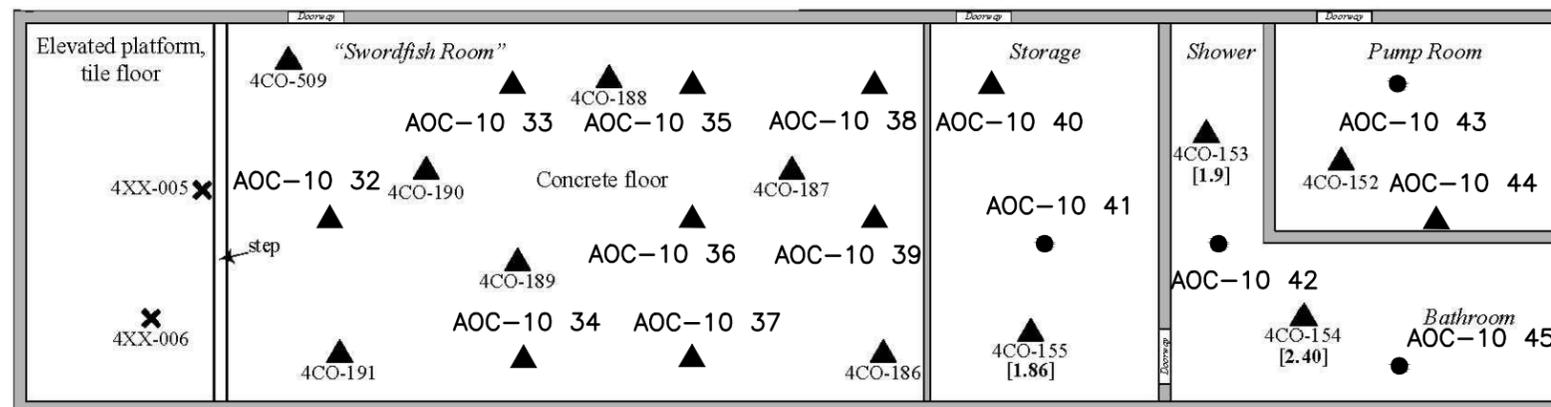
DESIGNED BY: PML | CHECKED BY: MB | DATE: OCTOBER 2017

**Weston & Sampson**<sup>SM</sup>

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## PCB AREA 4.4 – ASSEMBLY HALL



**SOURCE:**  
 Figure A4.4: PCB Area 4.4: Concrete and Miscellaneous Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



### LEGEND:

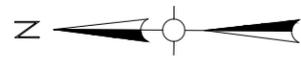
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB 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

### NOTES:

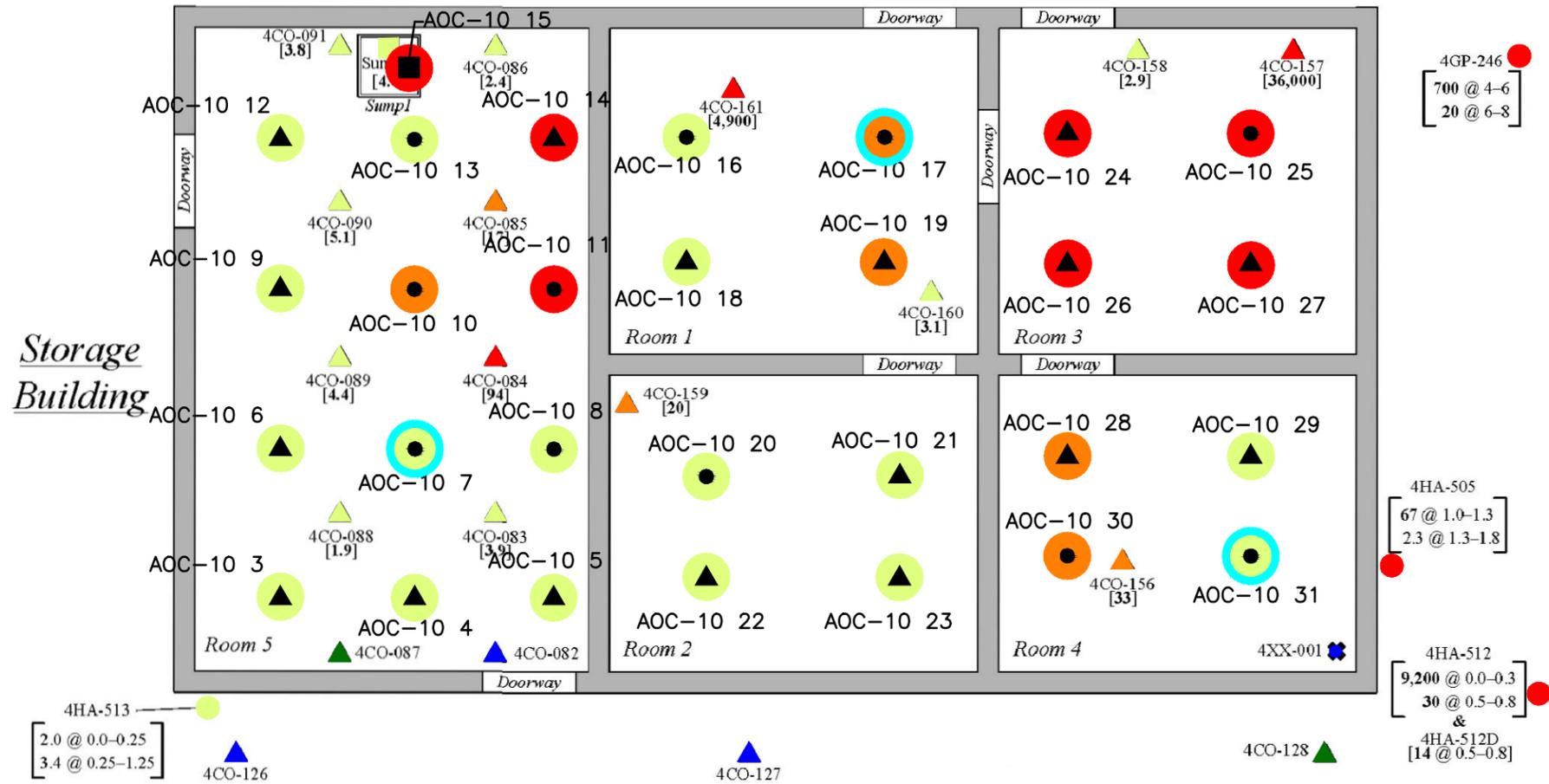
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9B-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.4) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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## PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
 Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous Sediment and Soil Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



### LEGEND:

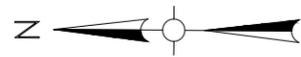
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB 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

### NOTES:

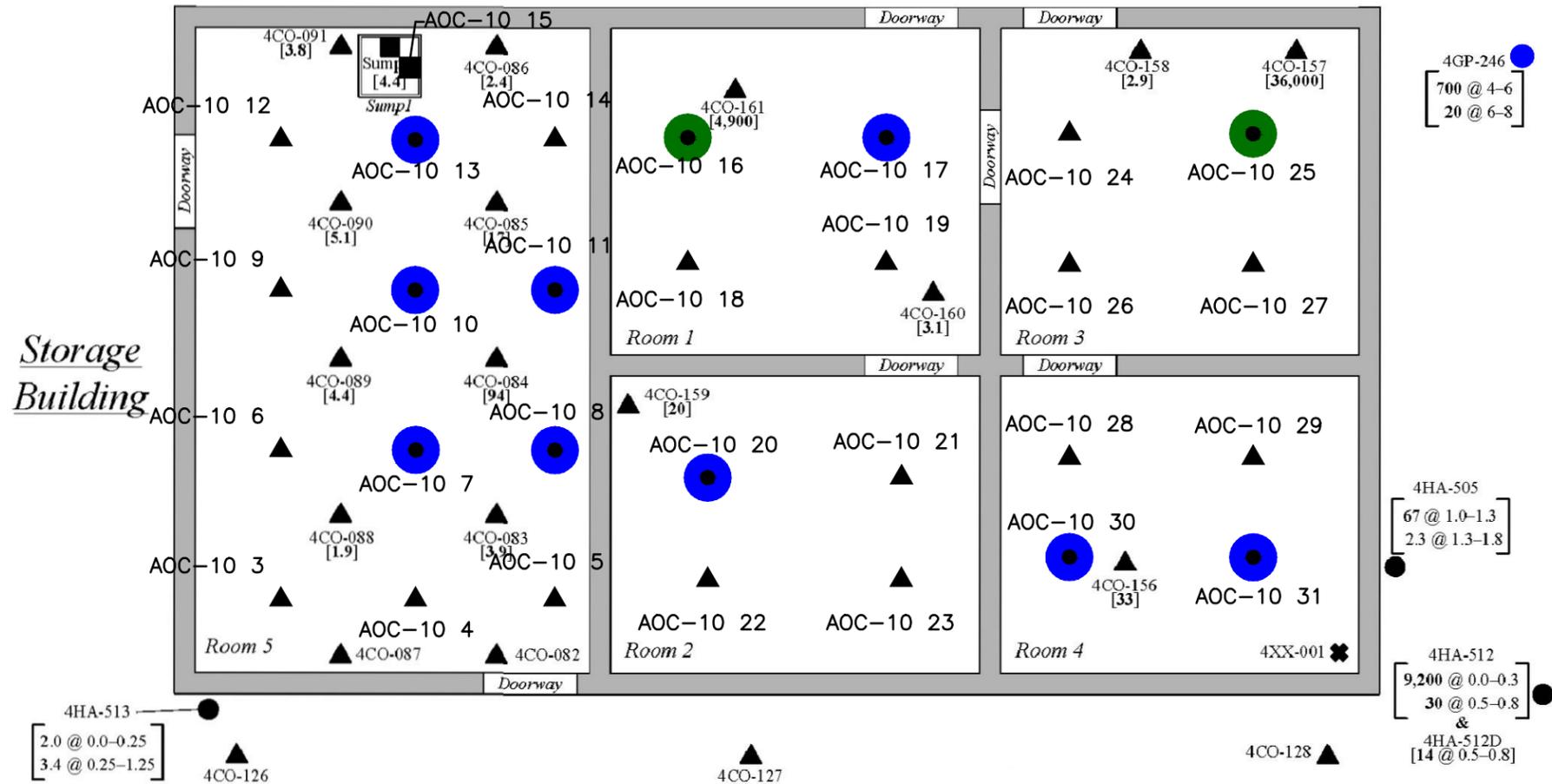
- SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
- SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.2) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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## PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
 Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous Sediment and Soil Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



**LEGEND:**

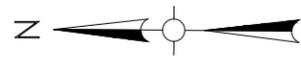
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB 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

**NOTES:**

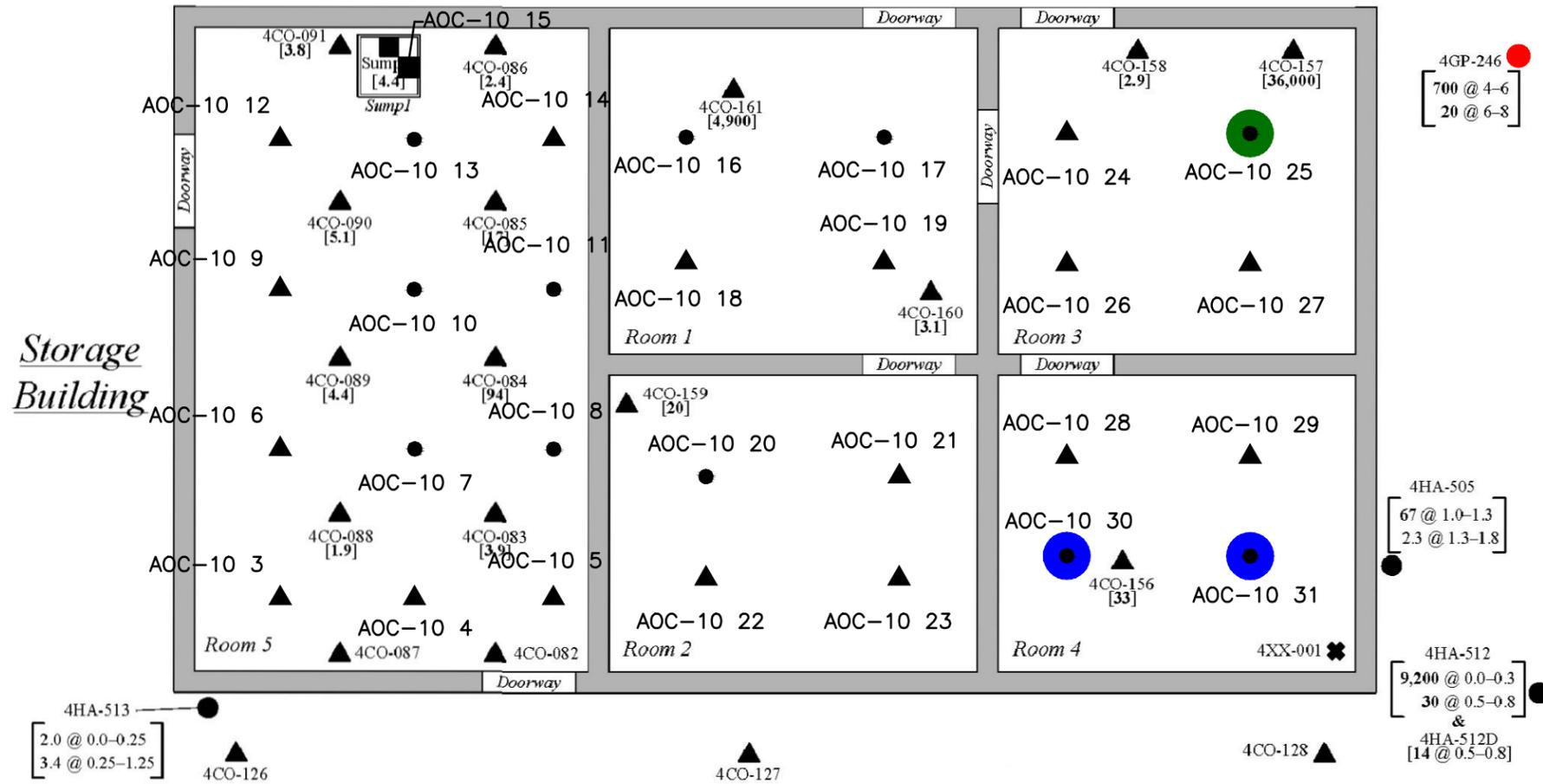
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.2) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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## PCB AREA 4.2 – STORAGE ROOM



**SOURCE:**  
 Figure A4.2: PCB Area 4.2: Concrete, Miscellaneous Sediment and Soil Sample Points.  
 Project: AEI-00T-030e  
 Location: English Station  
 Grand Avenue, New Haven, Connecticut  
 Date: February 2005  
 By Advanced Environmental Interface, Inc.



**LEGEND:**

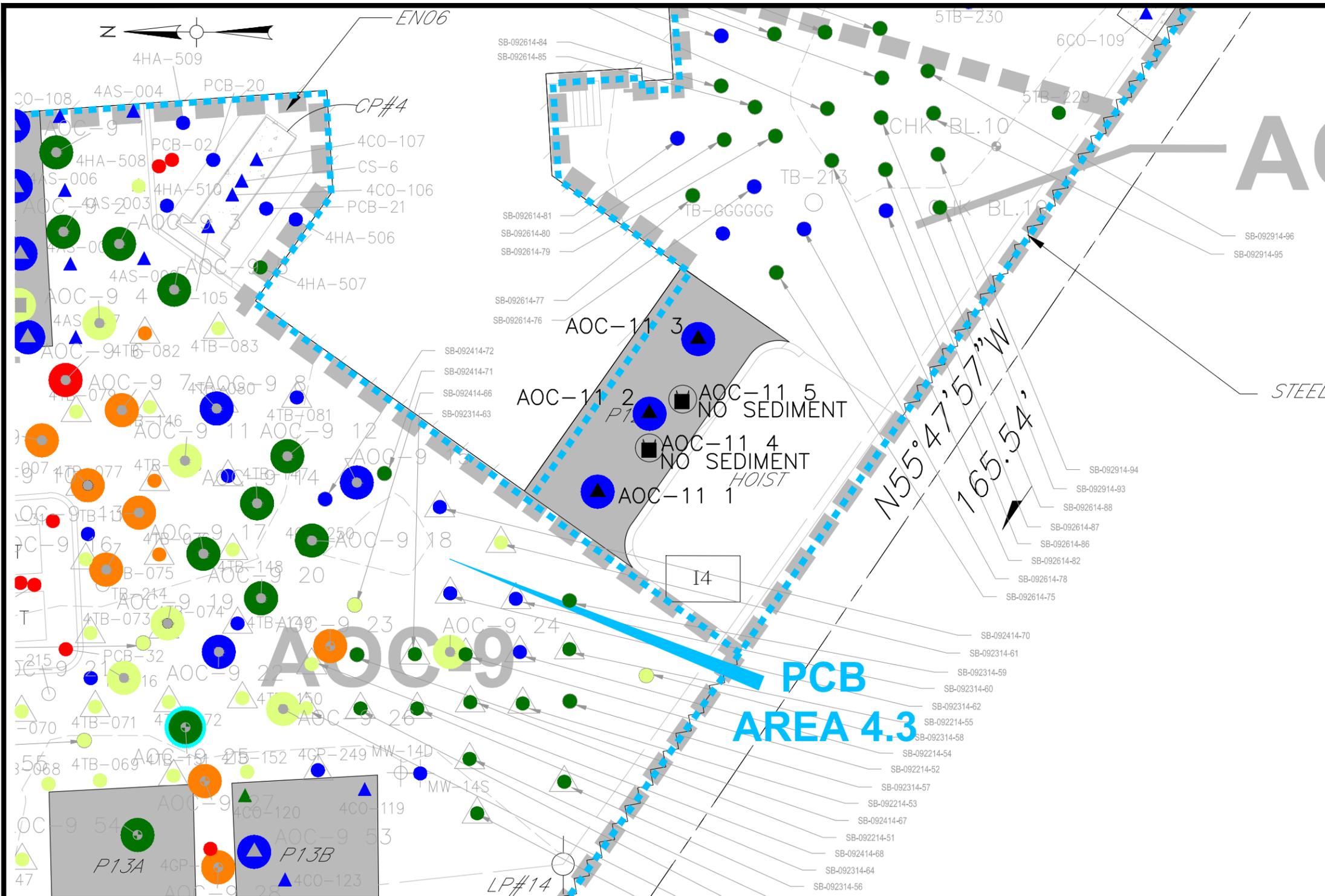
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH PCB 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

**NOTES:**

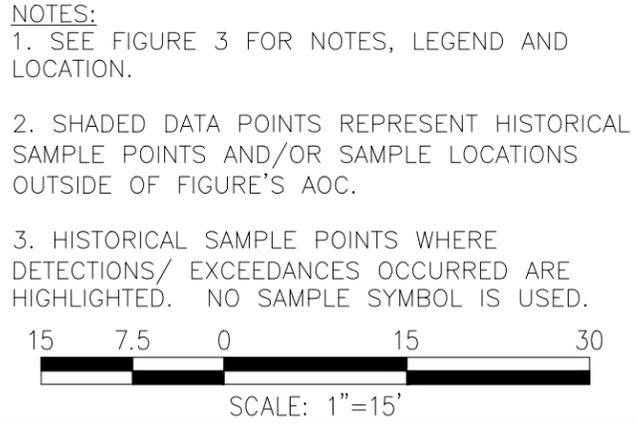
1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
3. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

FIGURE 9C-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-10 (PCB AREA 4.2) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

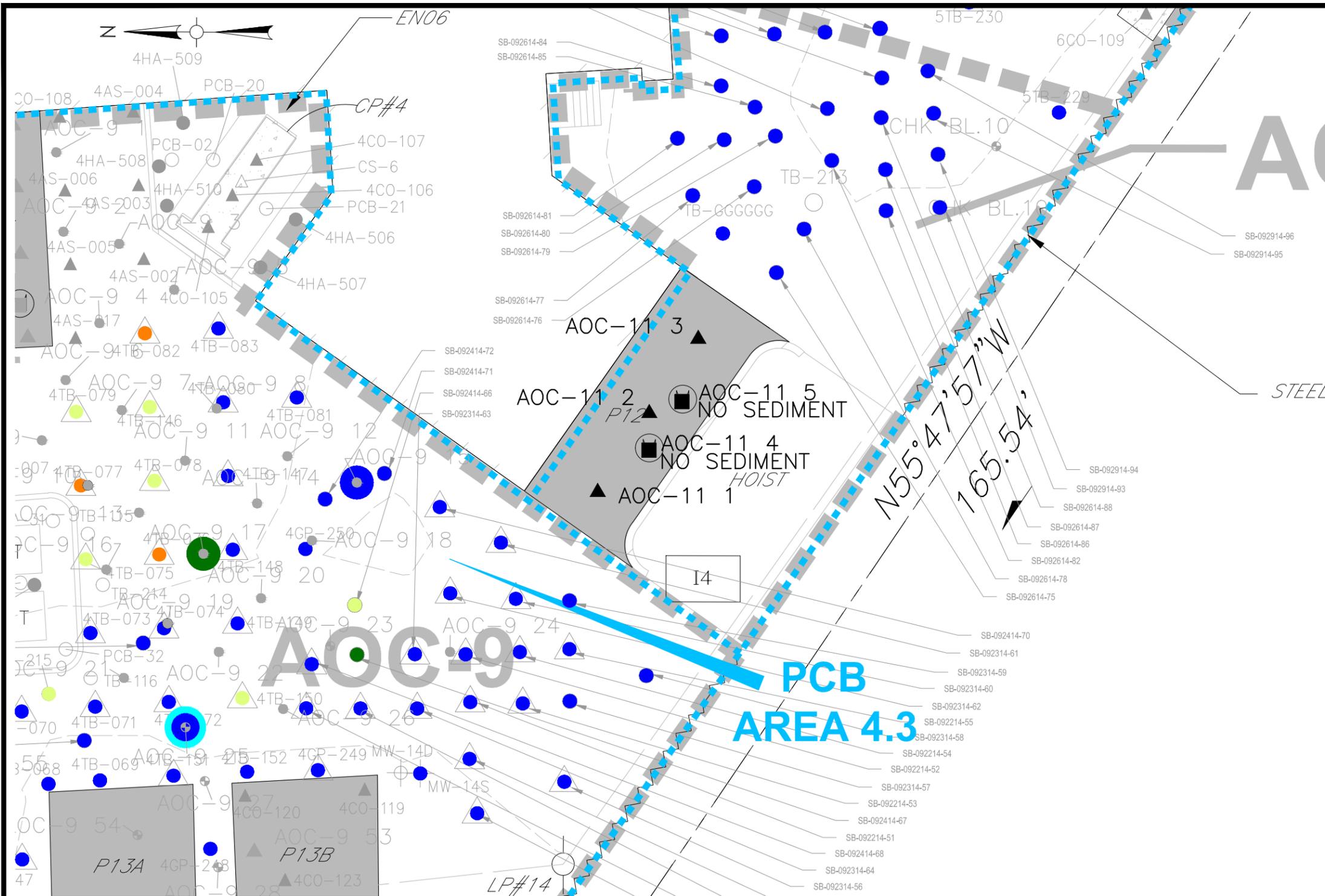
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- LEGEND:**
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE 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
  - - - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- 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.



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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/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
- - - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

**NOTES:**

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

FIGURE 10-2

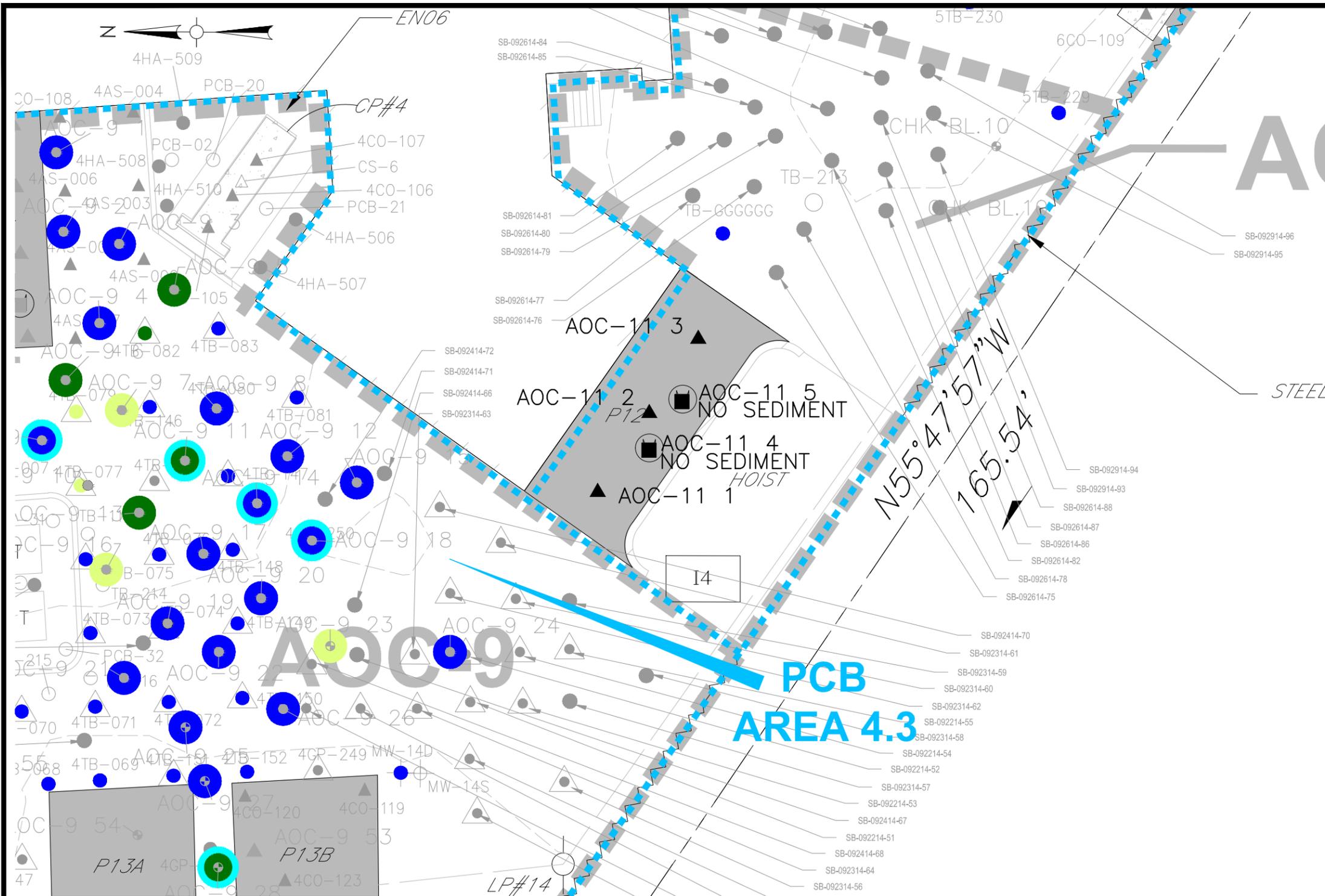
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-11  
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson<sup>SM</sup>**

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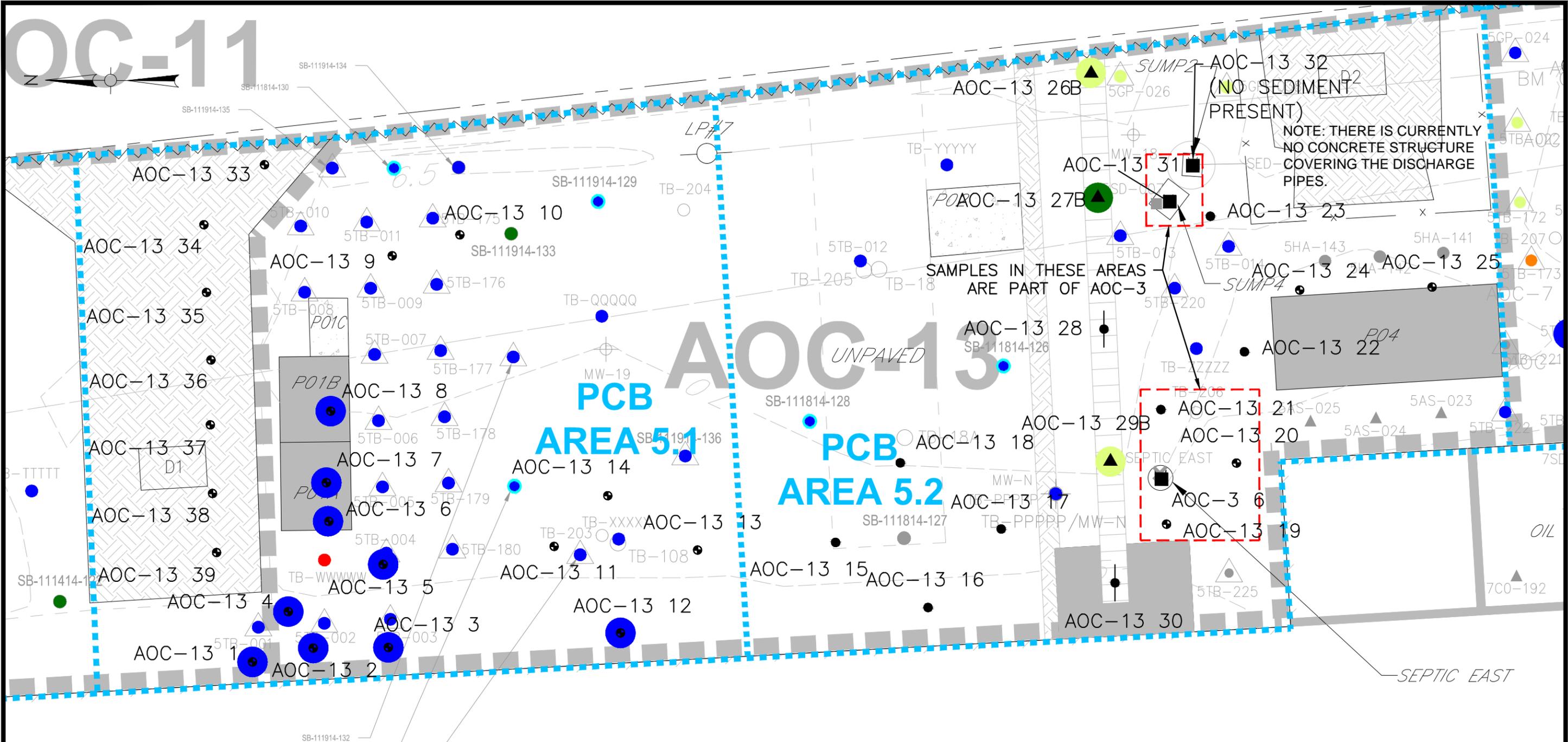
- LEGEND:**
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
  - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
  - SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
  - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
  - SAMPLE 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
  - - - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

- 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.



FIGURE 10-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-11 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
<b>Weston &amp; Sampson</b> <sup>SM</sup>		





**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/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
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- ⊙ W&S 2017 POROUS MEDIA/SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

**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.

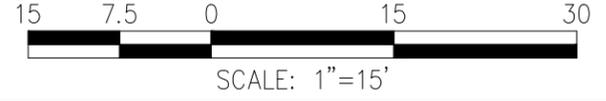


FIGURE 11-2

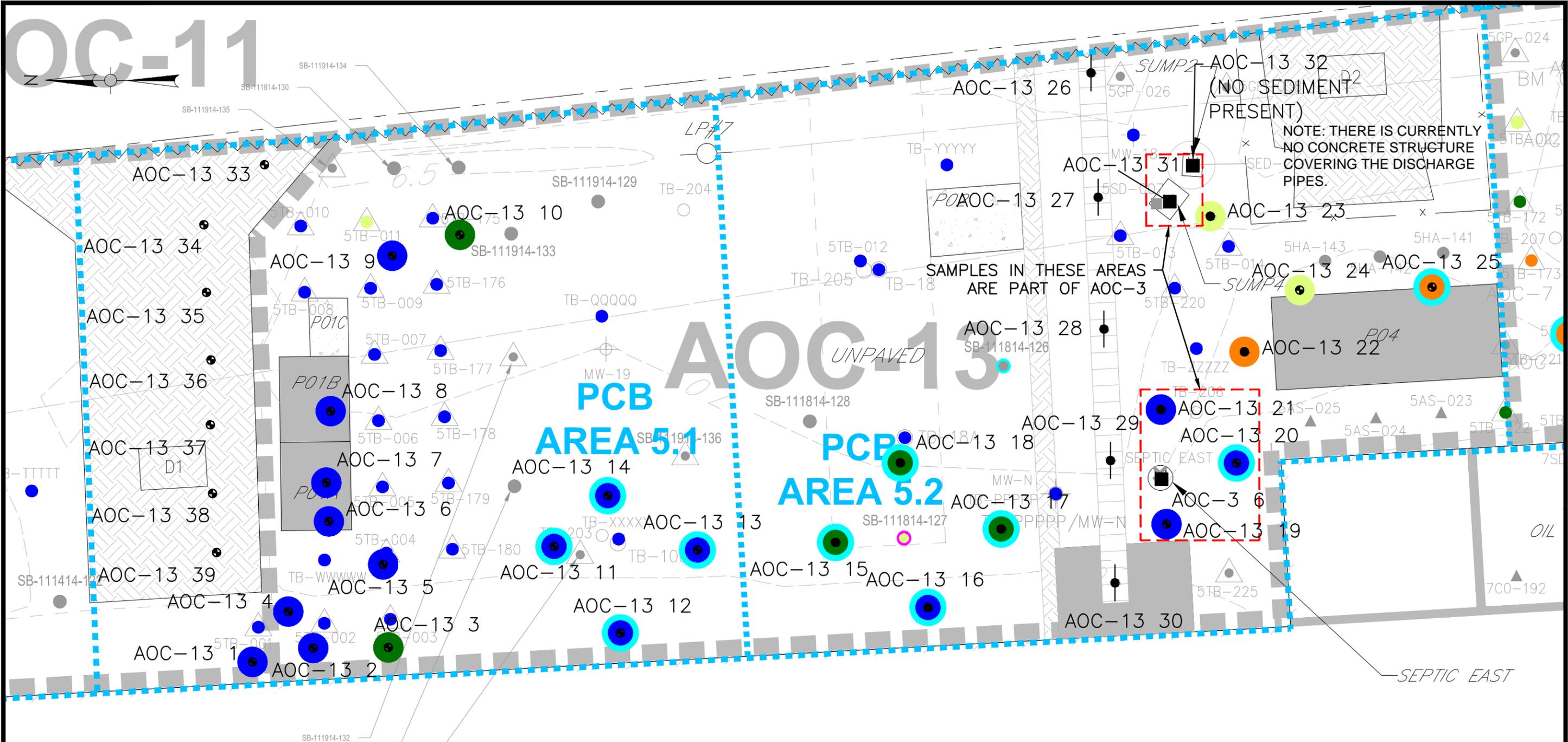
UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

**AOC-13 (PCB AREAS 5.1 & 5.2)**  
**2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH**

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson**

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**LEGEND:**

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/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
- APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- ⊙ W&S 2017 POROUS MEDIA/SEDIMENT SAMPLE. LEFT SIDE REPRESENTS POROUS MEDIA, RIGHT SIDE REPRESENTS SEDIMENT.

**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.

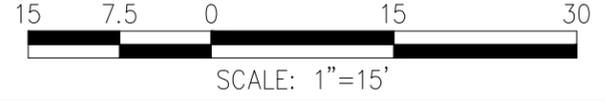


FIGURE 11-3

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

**AOC-13 (PCB AREAS 5.1 & 5.2)**  
**2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH**

DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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**Weston & Sampson**

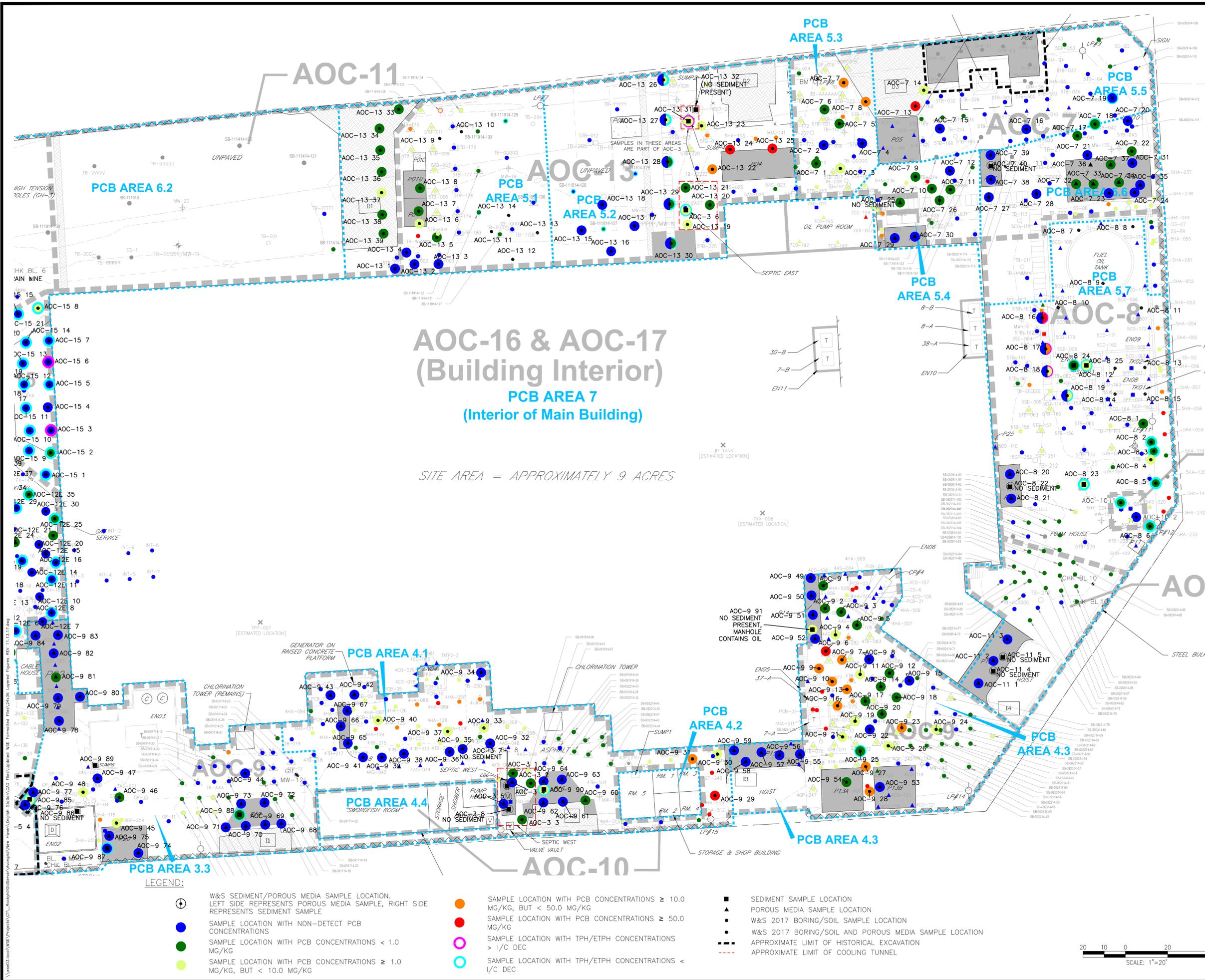
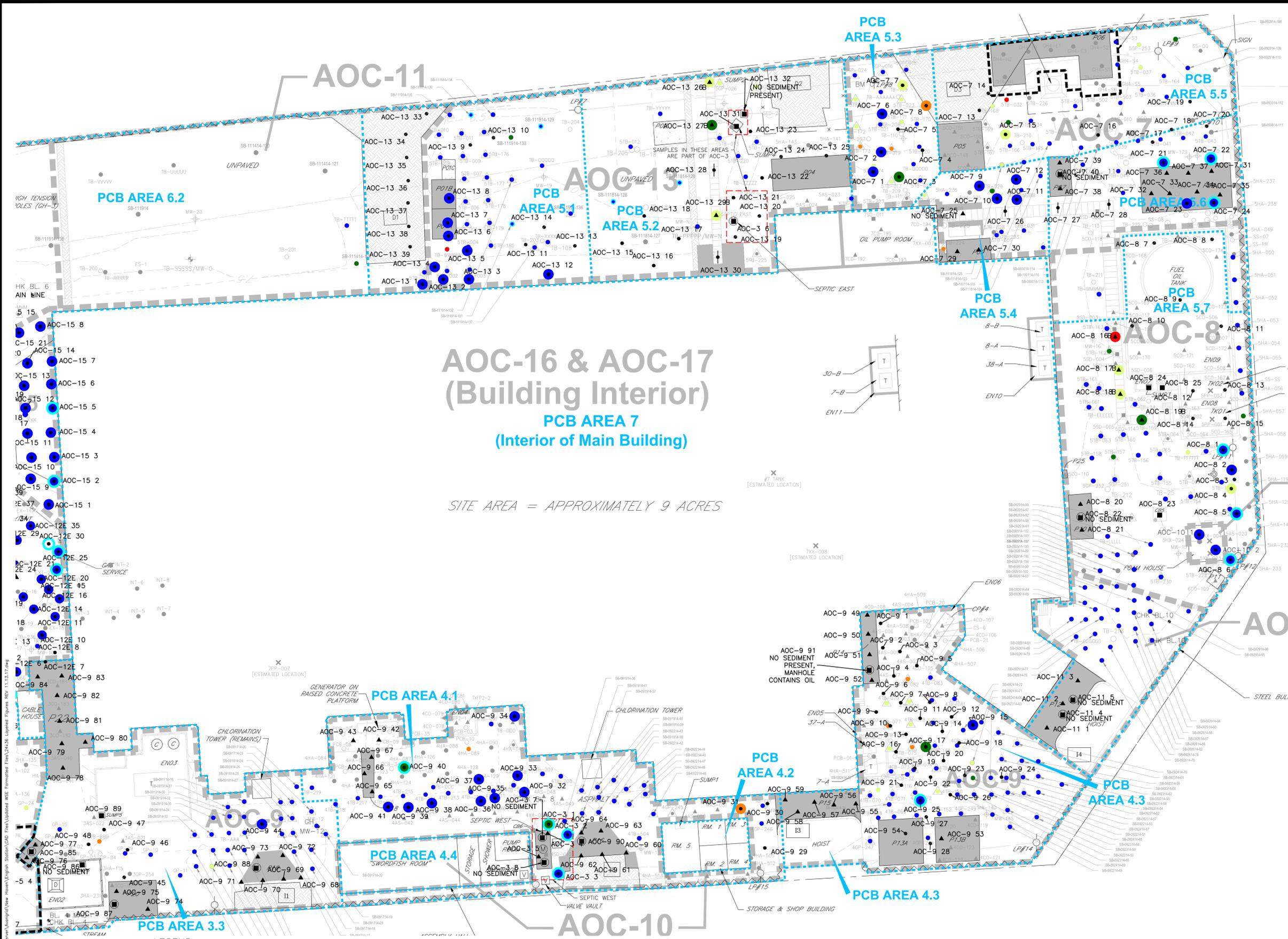


FIGURE 12-1  
 UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT  
 SOUTHSIDE SAMPLE LOCATIONS:  
 0-2 FOOT DEPTH  
 OCTOBER, 2017 SCALE: 1" = 20'  
**Weston & Sampson**  
 Weston & Sampson Engineers, Inc.  
 273 Dividend Road, Rocky Hill, CT 06067



**AOC-16 & AOC-17  
(Building Interior)**  
**PCB AREA 7  
(Interior of Main Building)**

SITE AREA = APPROXIMATELY 9 ACRES

**LEGEND:**

- ⊕ W&S SEDIMENT/POROUS MEDIA SAMPLE LOCATION. LEFT SIDE REPRESENTS POROUS MEDIA SAMPLE, RIGHT SIDE REPRESENTS SEDIMENT SAMPLE
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 MG/KG, BUT < 10.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 MG/KG, BUT < 50.0 MG/KG
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 MG/KG
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < 1/C DEC
- SEDIMENT SAMPLE LOCATION
- ▲ POROUS MEDIA SAMPLE LOCATION
- ▲ W&S 2017 BORING/SOIL SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
- - - APPROXIMATE LIMIT OF HISTORICAL EXCAVATION
- - - APPROXIMATE LIMIT OF COOLING TUNNEL

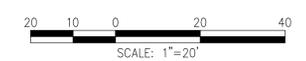


FIGURE 12-2  
 UNITED ILLUMINATING ENGLISH STATION POWER PLANT  
 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT  
 SOUTHSIDE SAMPLE LOCATIONS:  
 2-4 FOOT DEPTH  
 OCTOBER, 2017 SCALE: 1" = 20'  
**Weston & Sampson**  
 Weston & Sampson Engineers, Inc.  
 273 Dividend Road, Rocky Hill, CT 06067