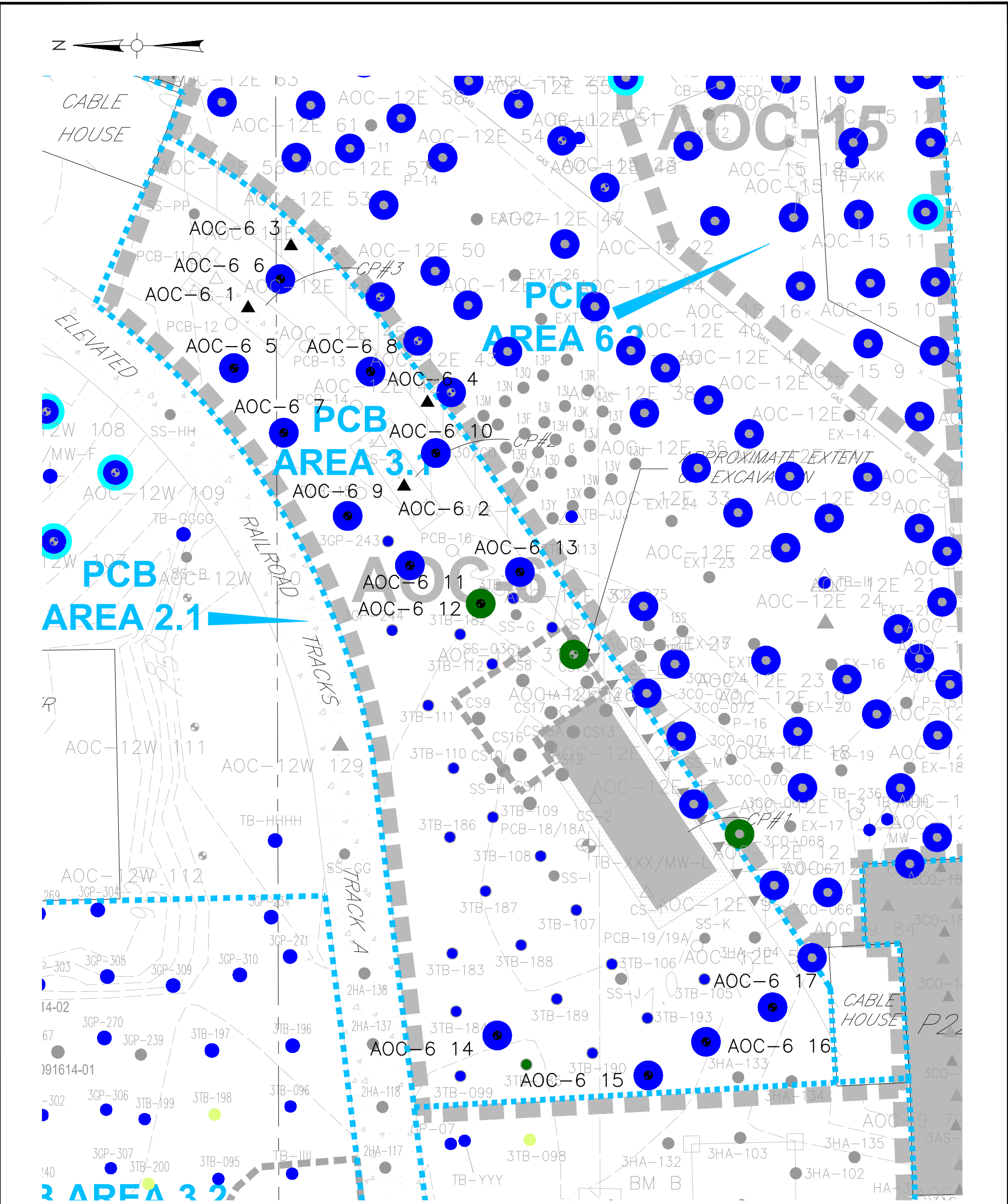




LEGEND:

- 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
 - 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.

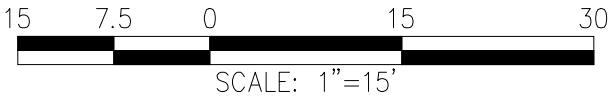
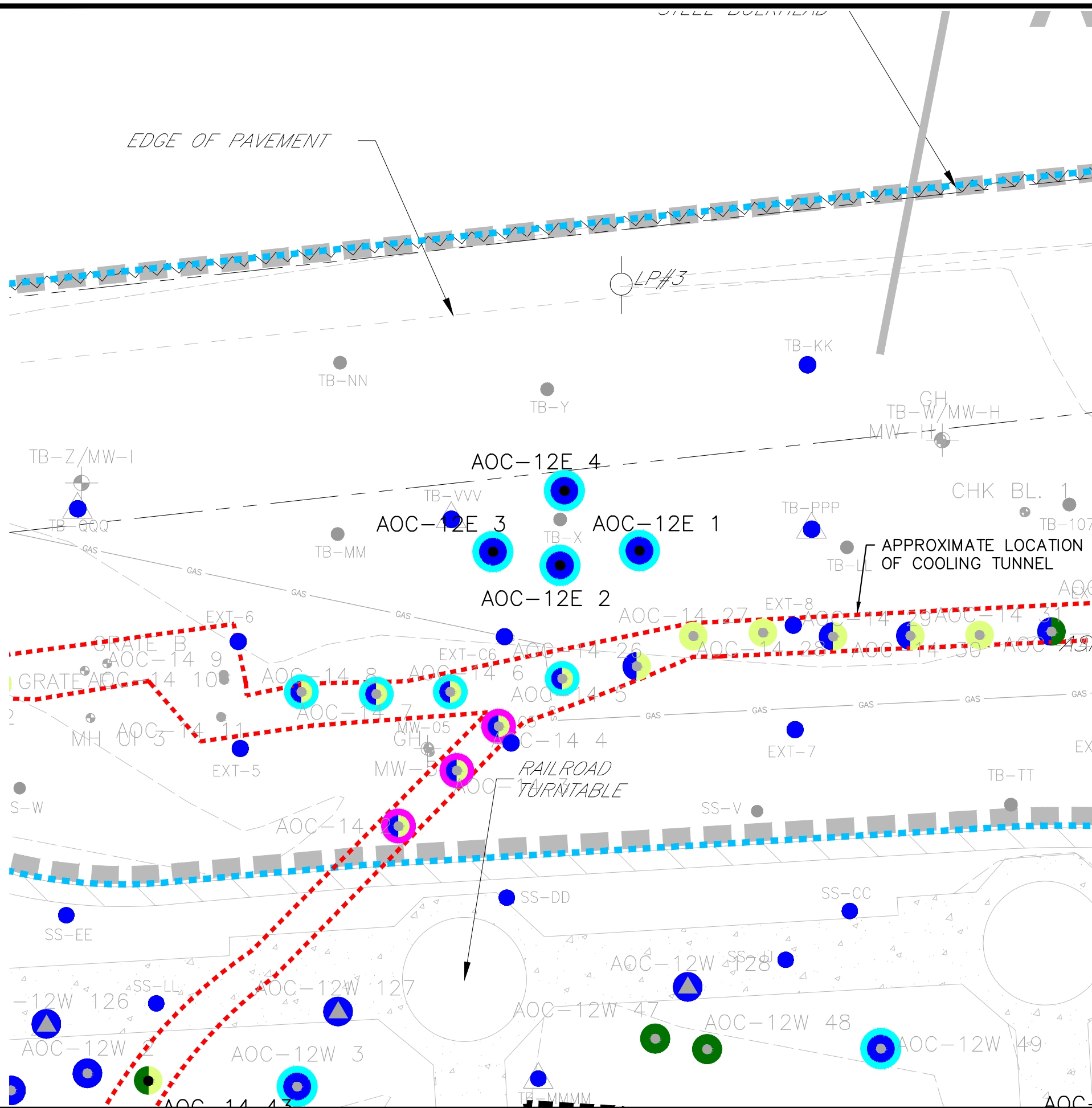


FIGURE 6-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-6 (PCB AREA 3.1) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017

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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.

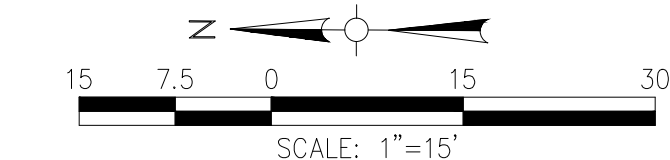


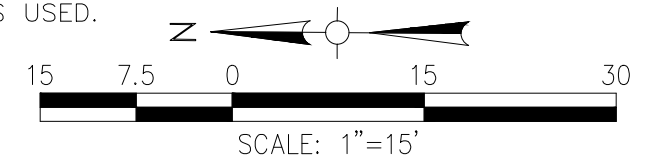
FIGURE 7A-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-12E (PCB AREA 6.2) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
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FIGURE 7A-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-12E (PCB AREA 6.2) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
		

FIGURE 7A-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-12E (PCB AREA 6.2) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
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 > 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

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.



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

AOC-12E (PCB AREA 6.2)
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

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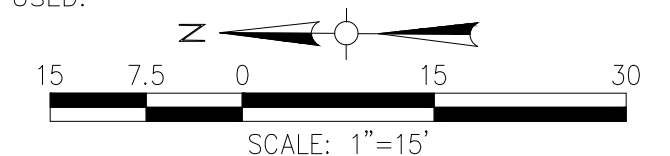
Weston & SampsonSM

-  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 $\geq$ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS $\geq$ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS $\geq$ 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

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.



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

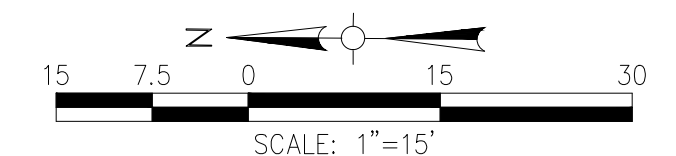
AOC-12E (PCB AREA 6.2)
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

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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 > 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

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.

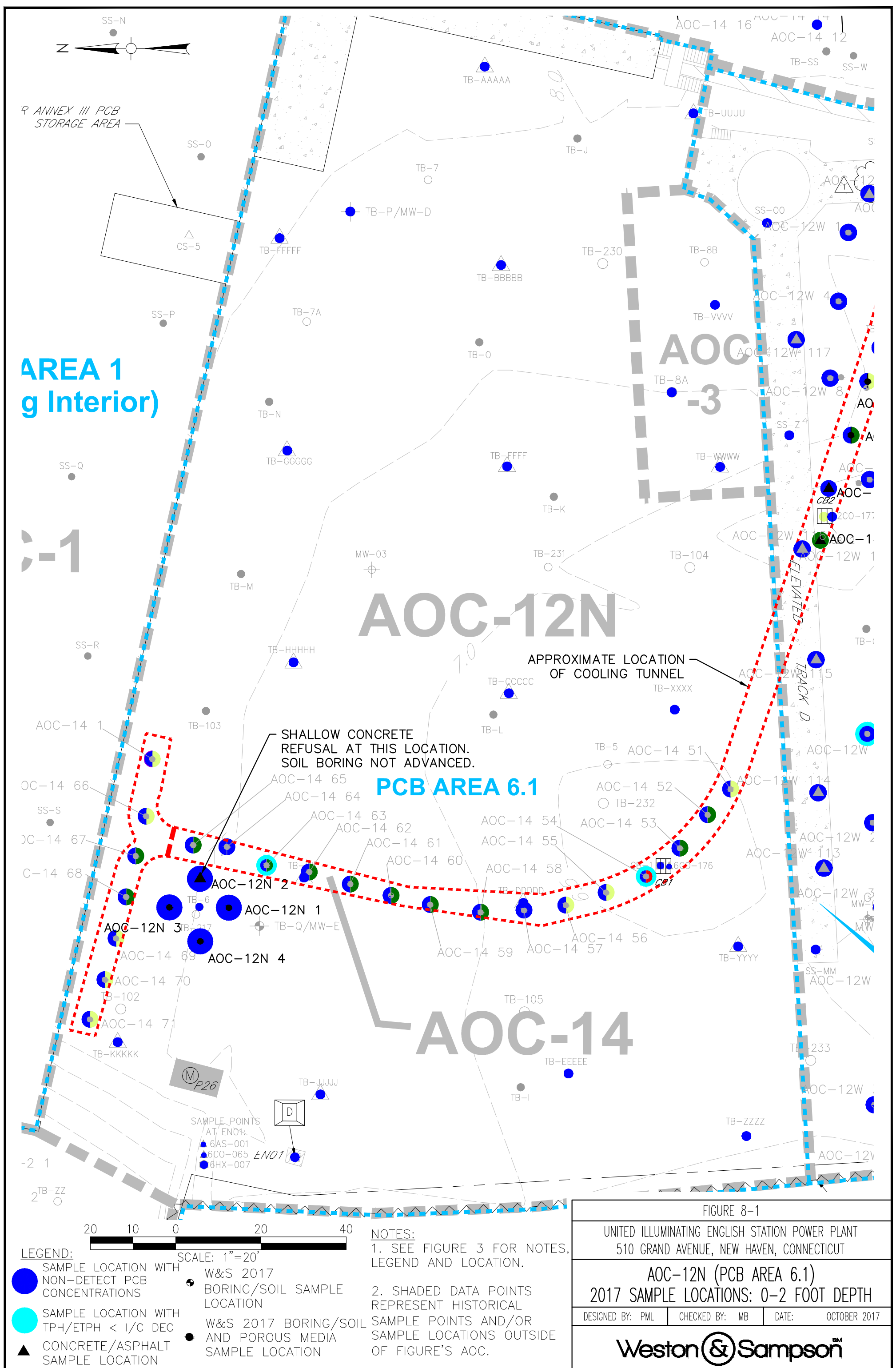


UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-12E (PCB AREA 6.2)
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

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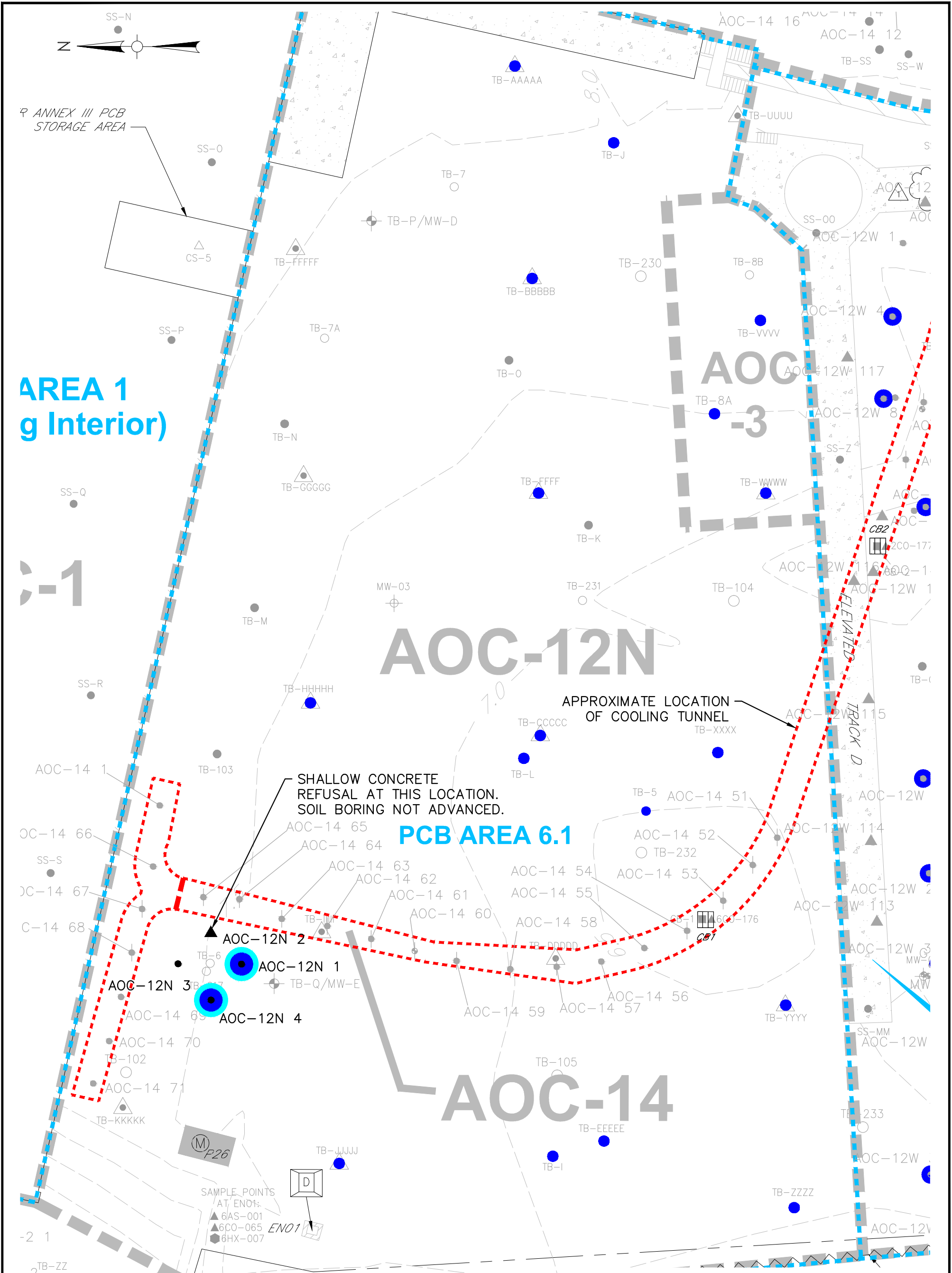


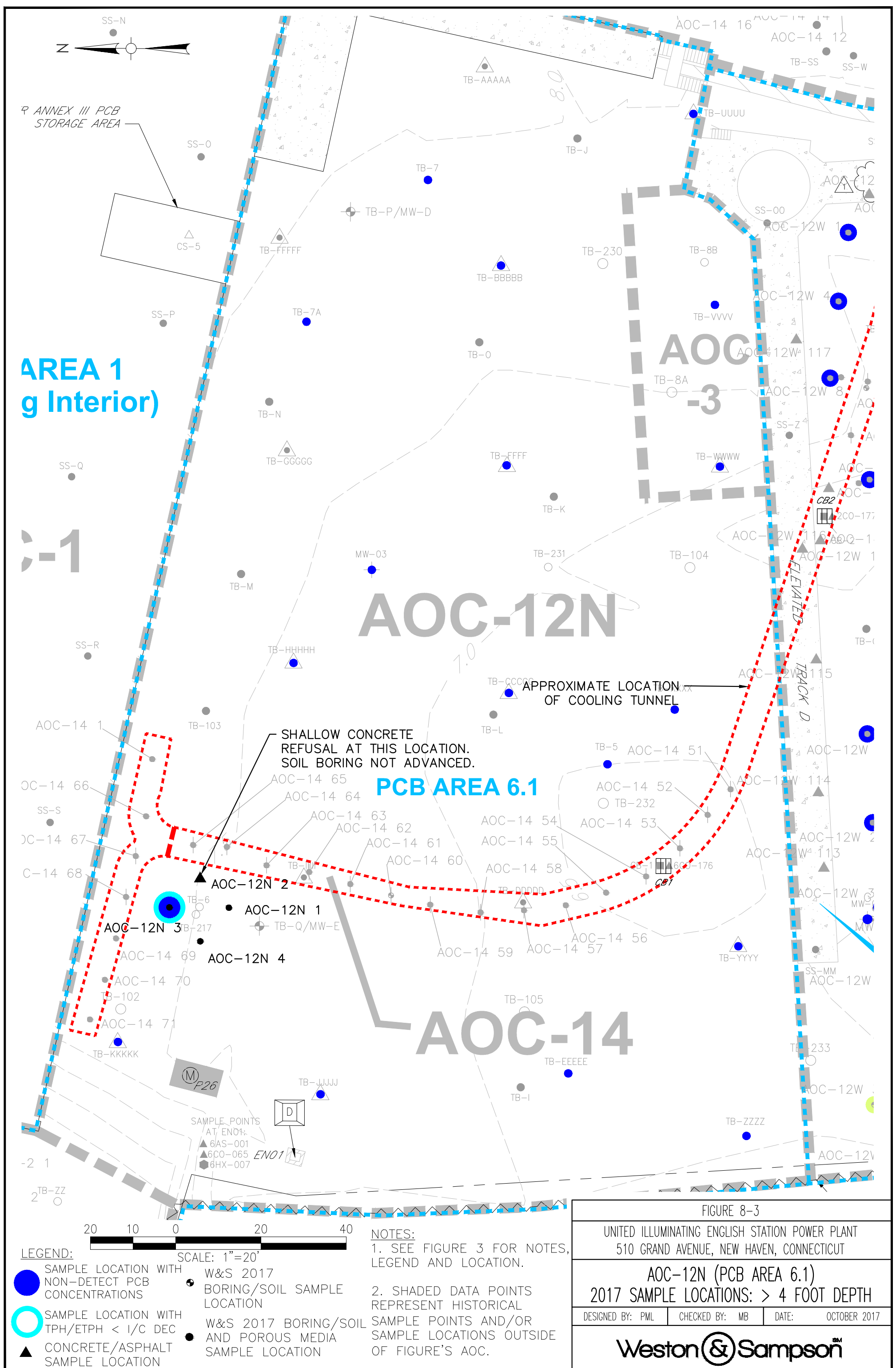
FIGURE 8-2

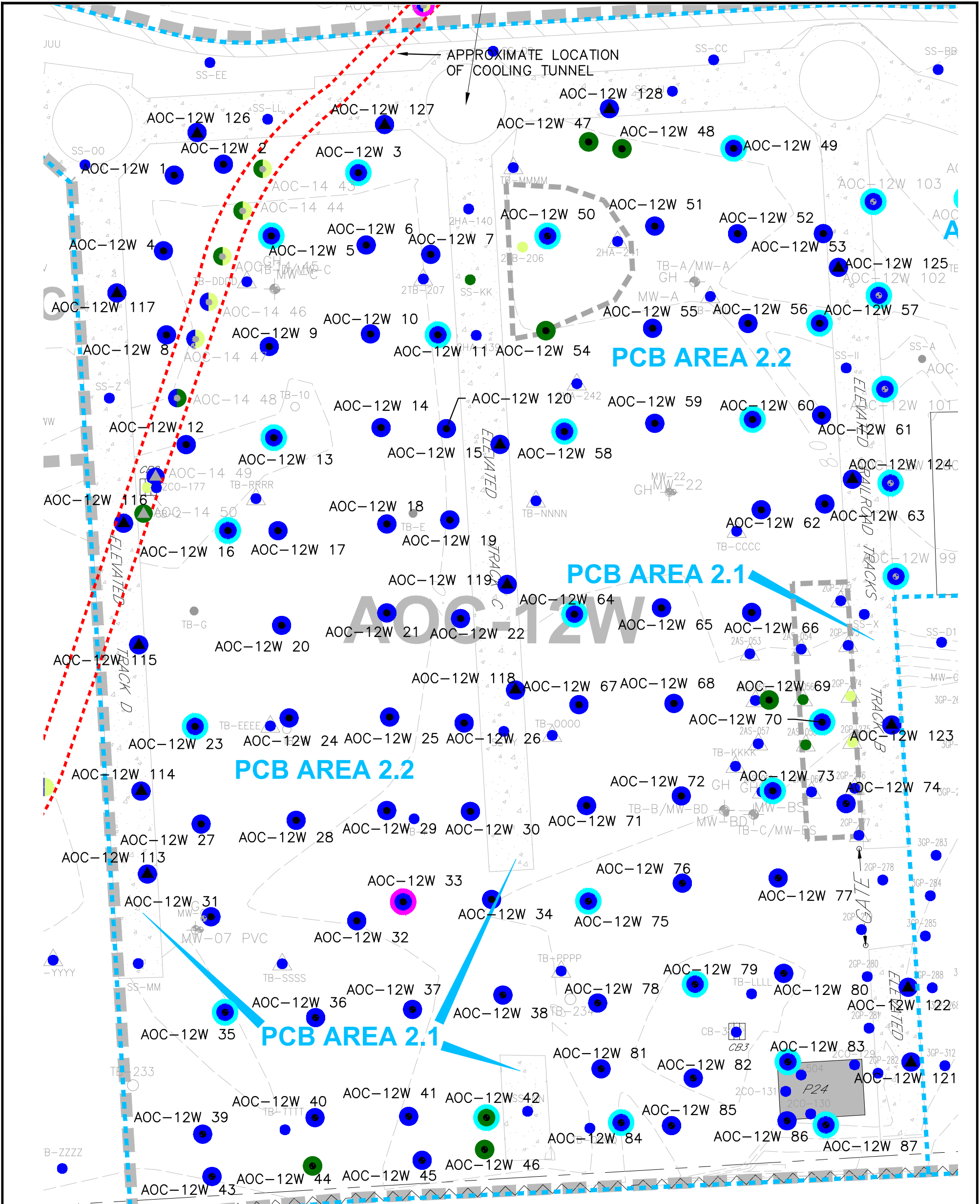
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-12N (PCB AREA 6.1)
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

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

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LEGEND:

- SAMPLE LOCATION WITH 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
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT 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.

20 10 0 20 40

SCALE: 1"=20'

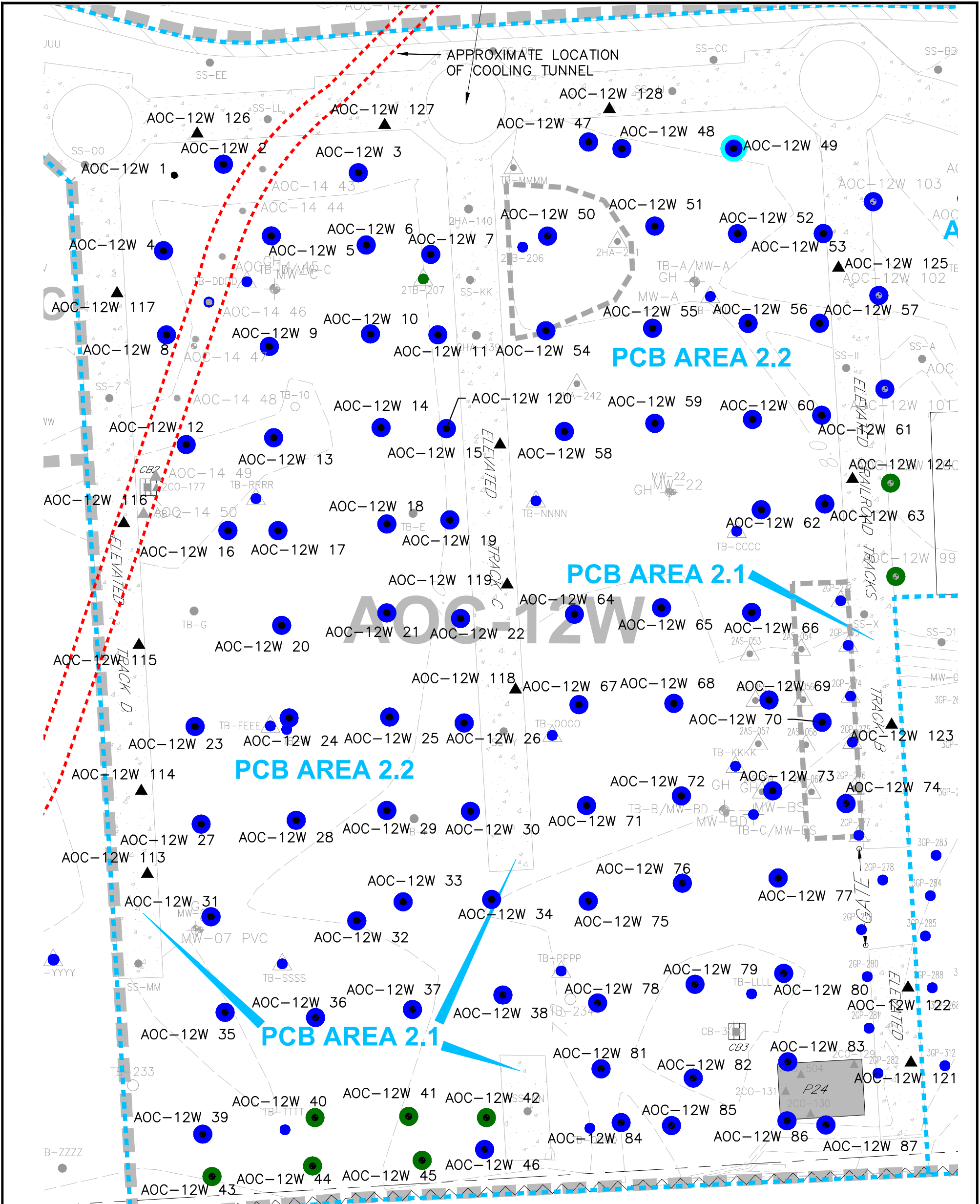
FIGURE 9A-1

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

AOC-12W (PCB AREAS 2.1 & 2.2)
2017 SAMPLING LOCATIONS: 0-2 FOOT DEPTH

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LEGEND:

- SAMPLE LOCATION WITH 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
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS

CONCRETE/ASPHALT SAMPLE LOCATION

SEDIMENT 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.

Z

20 10 0 20 40

SCALE: 1"=20'

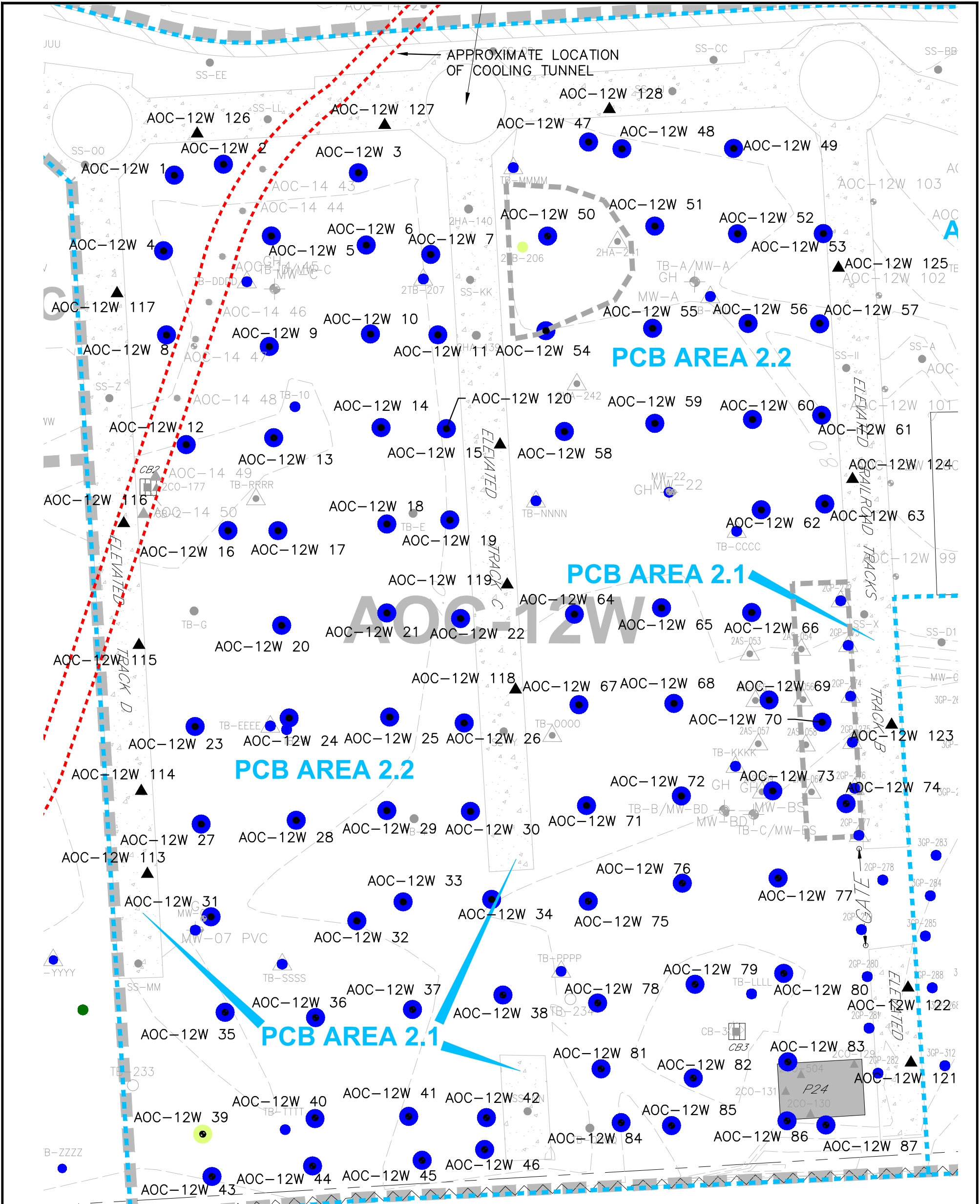
FIGURE 9A-2

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

AOC-12W (PCB AREAS 2.1 & 2.2)
2017 SAMPLING LOCATIONS: 2-4 FOOT DEPTH

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LEGEND:

- SAMPLE LOCATION WITH 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
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT 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.

20 10 0 20 40

SCALE: 1"=20'

FIGURE 9A-3

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

AOC-12W (PCB AREAS 2.1 & 2.2)
2017 SAMPLING LOCATIONS: > 4 FOOT DEPTH

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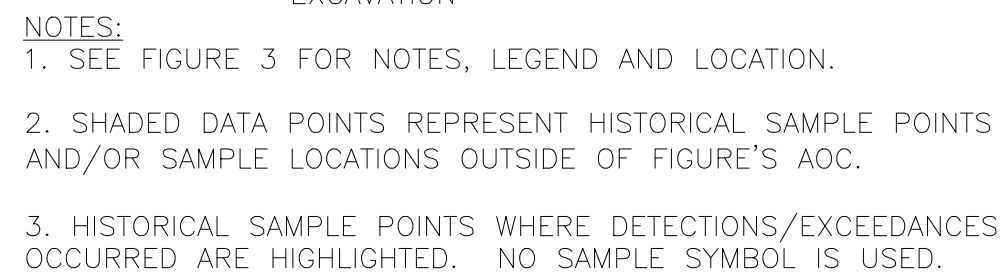
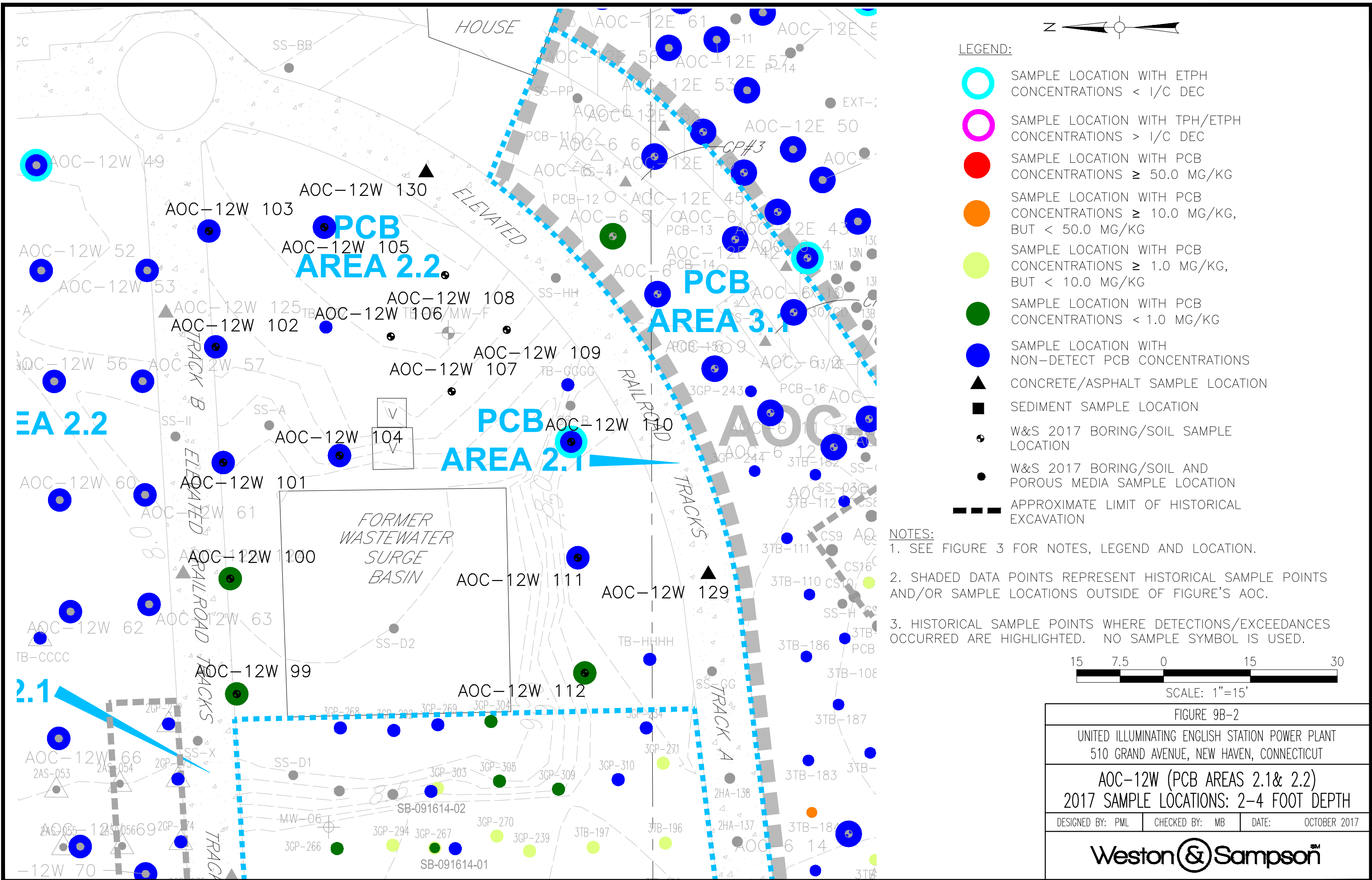
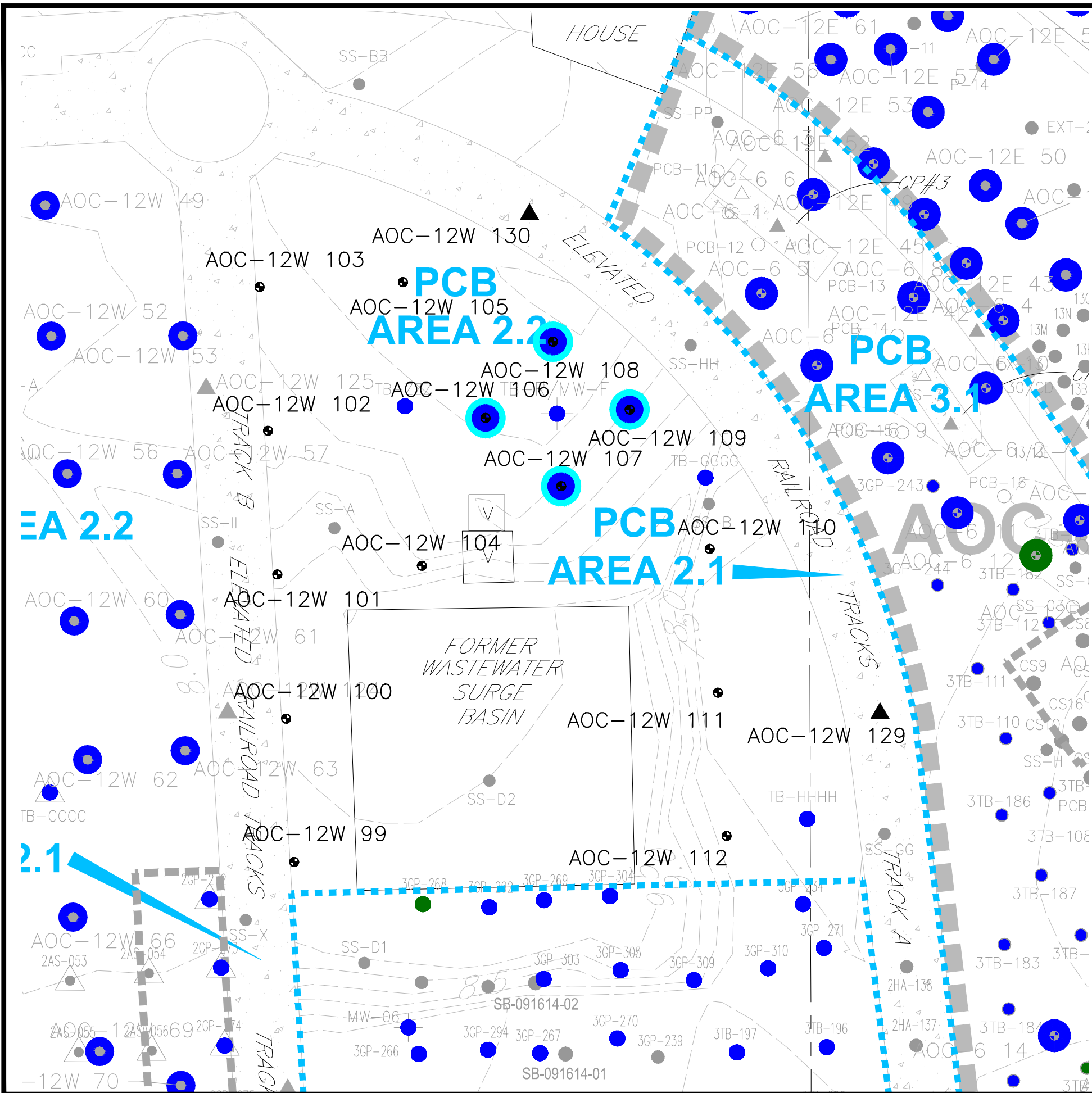


FIGURE 9B-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-12W (PCB AREAS 2.1& 2.2) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
		

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LEGEND:

- SAMPLE LOCATION WITH 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
- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT 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.

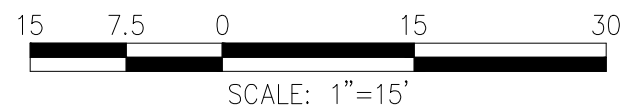


FIGURE 9B-3

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

AOC-12W (PCB AREAS 2.1 & 2.2)
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

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-  SAMPLE LOCATION WITH 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
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  CONCRETE/ASPHALT SAMPLE LOCATION
-  SEDIMENT SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
-  APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

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.

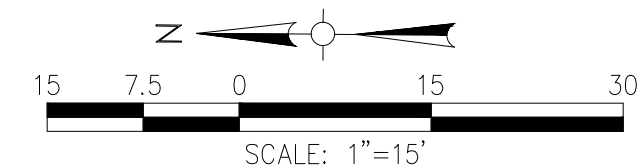


FIGURE 9C-1

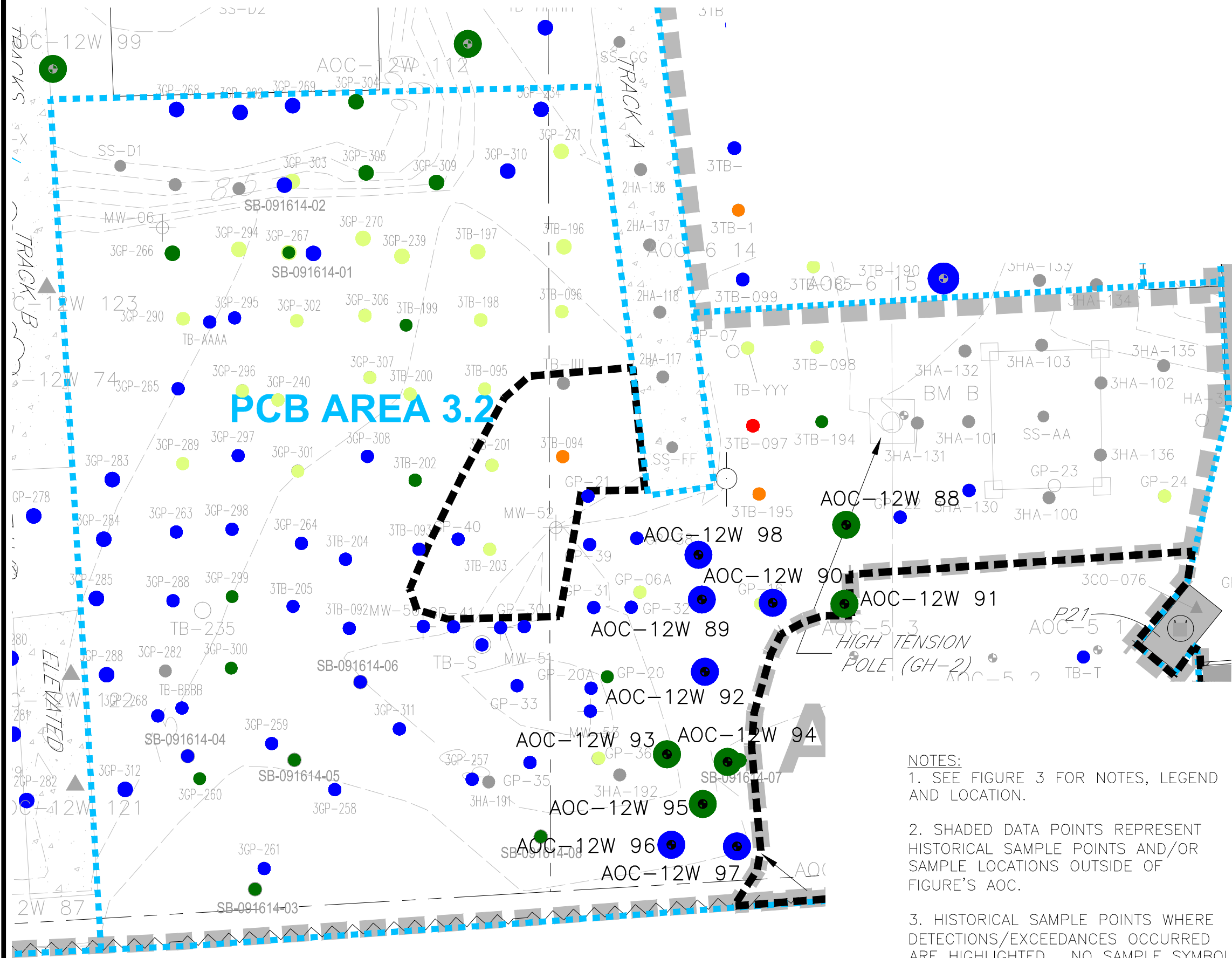
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-12W (PCB AREA 3.2)
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

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- LEGEND:
- SAMPLE LOCATION WITH 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
 - SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
 - SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
 - CONCRETE/ASPHALT SAMPLE LOCATION
 - SEDIMENT 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.

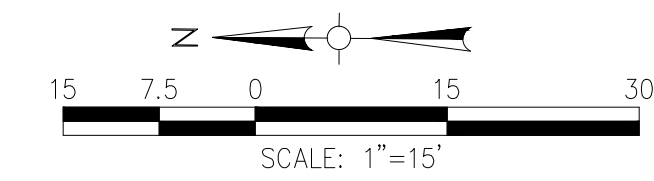


FIGURE 9C-2		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-12W (PCB AREA 3.2) 2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
Weston & Sampson SM		

-  SAMPLE LOCATION WITH ETPH CONCENTRATIONS < 1/C DEC
-  SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 1/C DEC
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS $\geq$ 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS $\geq$ 10.0 MG/KG, BUT < 50.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS $\geq$ 1.0 MG/KG, BUT < 10.0 MG/KG
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
-  SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
-  CONCRETE/ASPHALT SAMPLE LOCATION
-  SEDIMENT SAMPLE LOCATION
-  W&S 2017 BORING/SOIL SAMPLE LOCATION
-  W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE LOCATION
-  APPROXIMATE LIMIT OF HISTORICAL EXCAVATION

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.

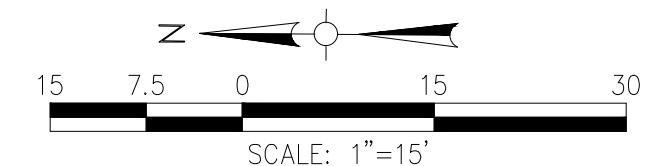


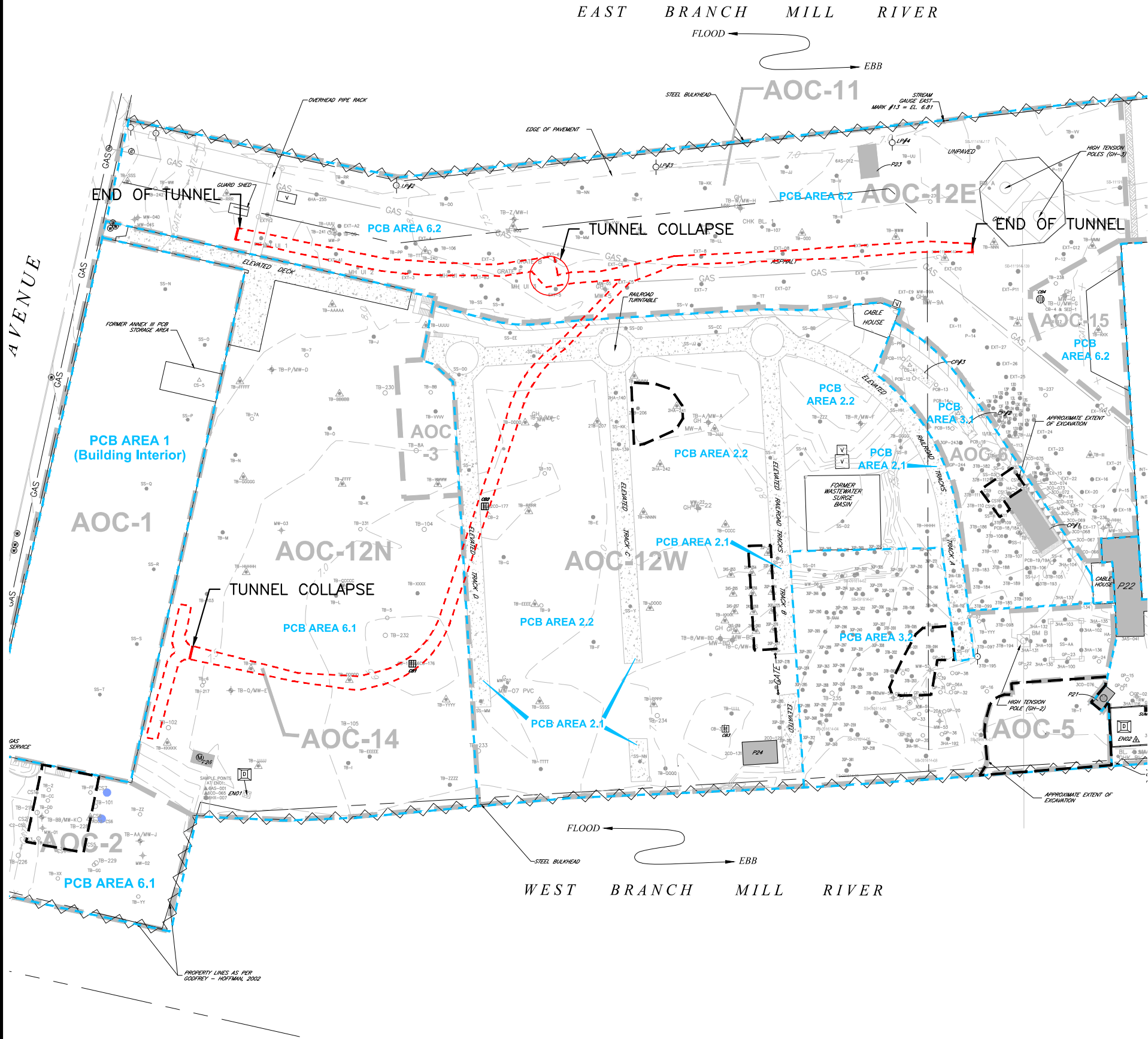
FIGURE 9C-3

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

AOC-12W (PCB AREA 3.2)
2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH

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LEGEND:

- W&S SEDIMENT/POROUS MEDIA SAMPLE LOCATION. LEFT SIDE REPRESENTS POROUS MEDIA SAMPLE, RIGHT SIDE REPRESENTS SEDIMENT SAMPLE
- ▲ CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- APPROXIMATE LIMIT OF COOLING TUNNEL

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. SEDIMENT AND CONCRETE SAMPLES WERE COLLECTED THROUGHOUT AOC-14 DEPENDING ON ACCESSIBILITY OF THE MEDIA.

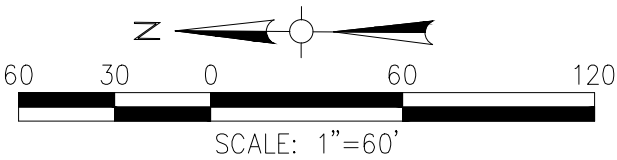
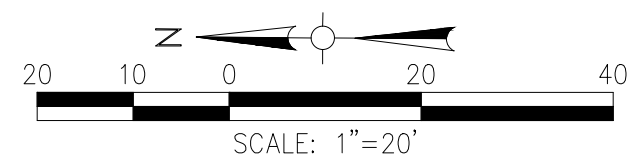
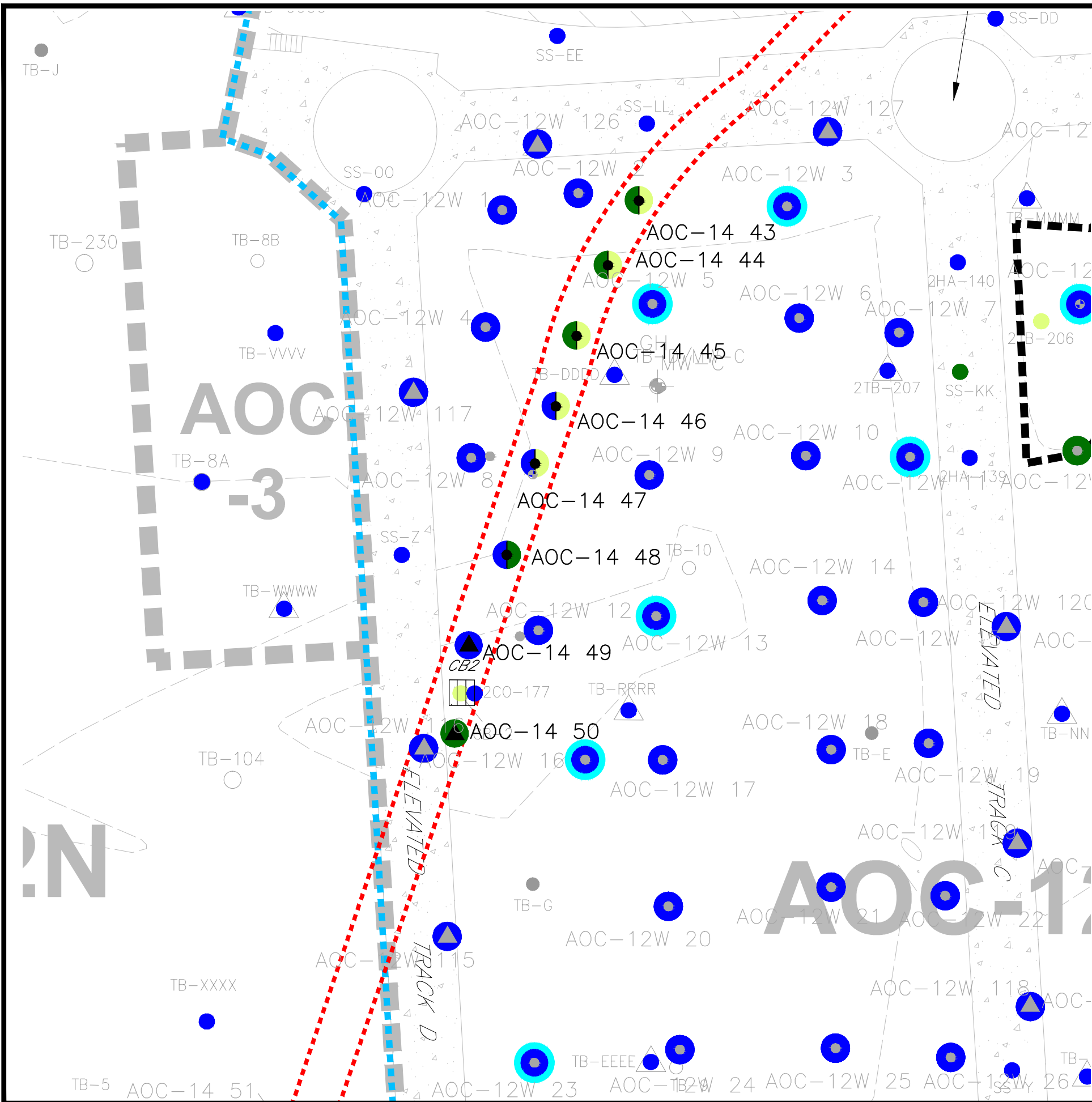


FIGURE 10A		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-14 (COOLING TUNNEL) 2017 SAMPLE LOCATIONS		
DESIGNED BY: NWA	CHECKED BY: MB	DATE: OCTOBER 2017
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1. SEE FIGURE 3 FOR NOTES, LEGEND AND LOCATION.
2. SHADED DATA POINTS REPRESENT HISTORICAL SAMPLE POINTS AND/OR SAMPLE LOCATIONS OUTSIDE OF FIGURE'S AOC.
3. SEDIMENT AND CONCRETE SAMPLES WERE COLLECTED THROUGHOUT AOC-14 DEPENDING ON ACCESSIBILITY OF THE MEDIA.
4. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

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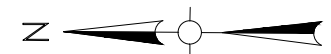


LEGEND:

- 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 TPH/ETPH CONCENTRATIONS < 1/C DEC
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- APPROXIMATE LIMIT OF COOLING TUNNEL

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.
- SEDIMENT AND CONCRETE SAMPLES WERE COLLECTED THROUGHOUT AOC-14 DEPENDING ON ACCESSIBILITY OF THE MEDIA.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.



SCALE: 1"=15'

FIGURE 10C

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

AOC-14 (COOLING TUNNEL)
2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH

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

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- 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
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- APPROXIMATE LIMIT OF COOLING TUNNEL

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. SEDIMENT AND CONCRETE SAMPLES WERE COLLECTED THROUGHOUT AOC-14 DEPENDING ON ACCESSIBILITY OF THE MEDIA.
4. HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

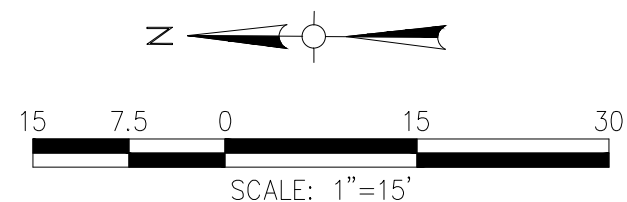
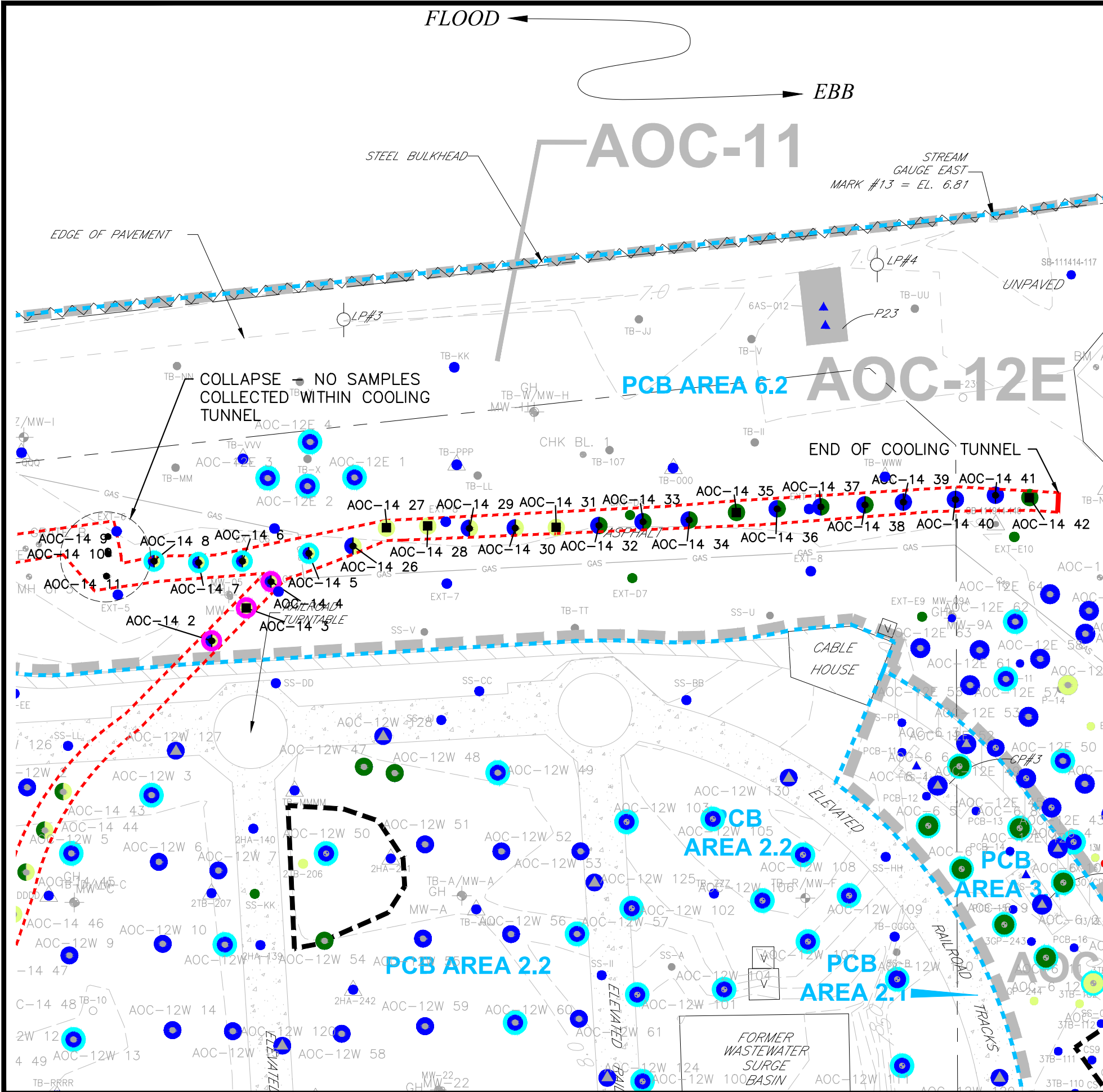


FIGURE 10D		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-14 (COOLING TUNNEL) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: NWA	CHECKED BY: MB	DATE: OCTOBER 2017
		

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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 TPH/ETPH > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH < I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > I/C DEC
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS < I/C DEC
- CONCRETE/ASPHALT SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- W&S 2017 BORING/SOIL AND POROUS MEDIA SAMPLE
- W&S 2017 BORING/SOIL SAMPLE LOCATION
- APPROXIMATE LIMIT OF COOLING TUNNEL

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.
- SEDIMENT AND CONCRETE SAMPLES WERE COLLECTED THROUGHOUT AOC-14 DEPENDING ON ACCESSIBILITY OF THE MEDIA.
- HISTORICAL SAMPLE POINTS WHERE DETECTIONS/ EXCEEDANCES OCCURRED ARE HIGHLIGHTED. NO SAMPLE SYMBOL IS USED.

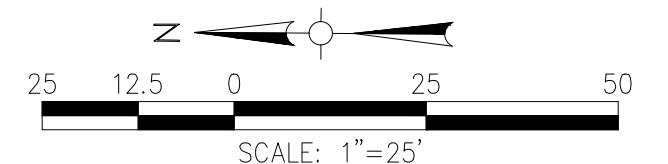
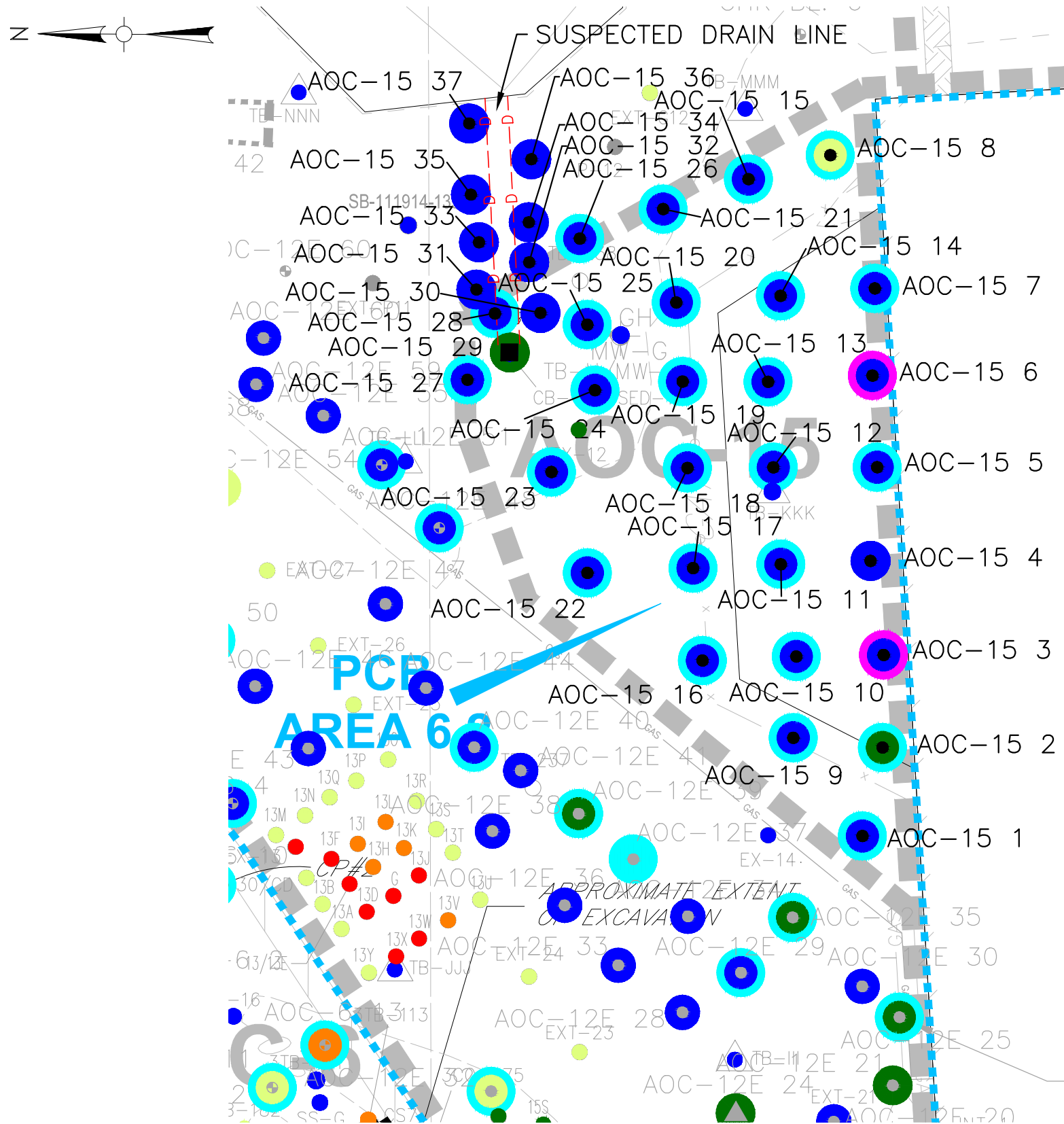


FIGURE 10E		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-14 (COOLING TUNNEL) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: NWA	CHECKED BY: MB	DATE: OCTOBER 2017
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LEGEND:

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

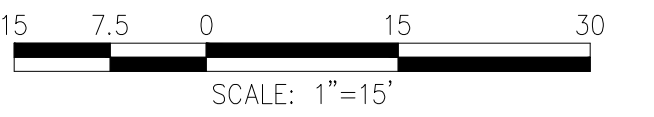
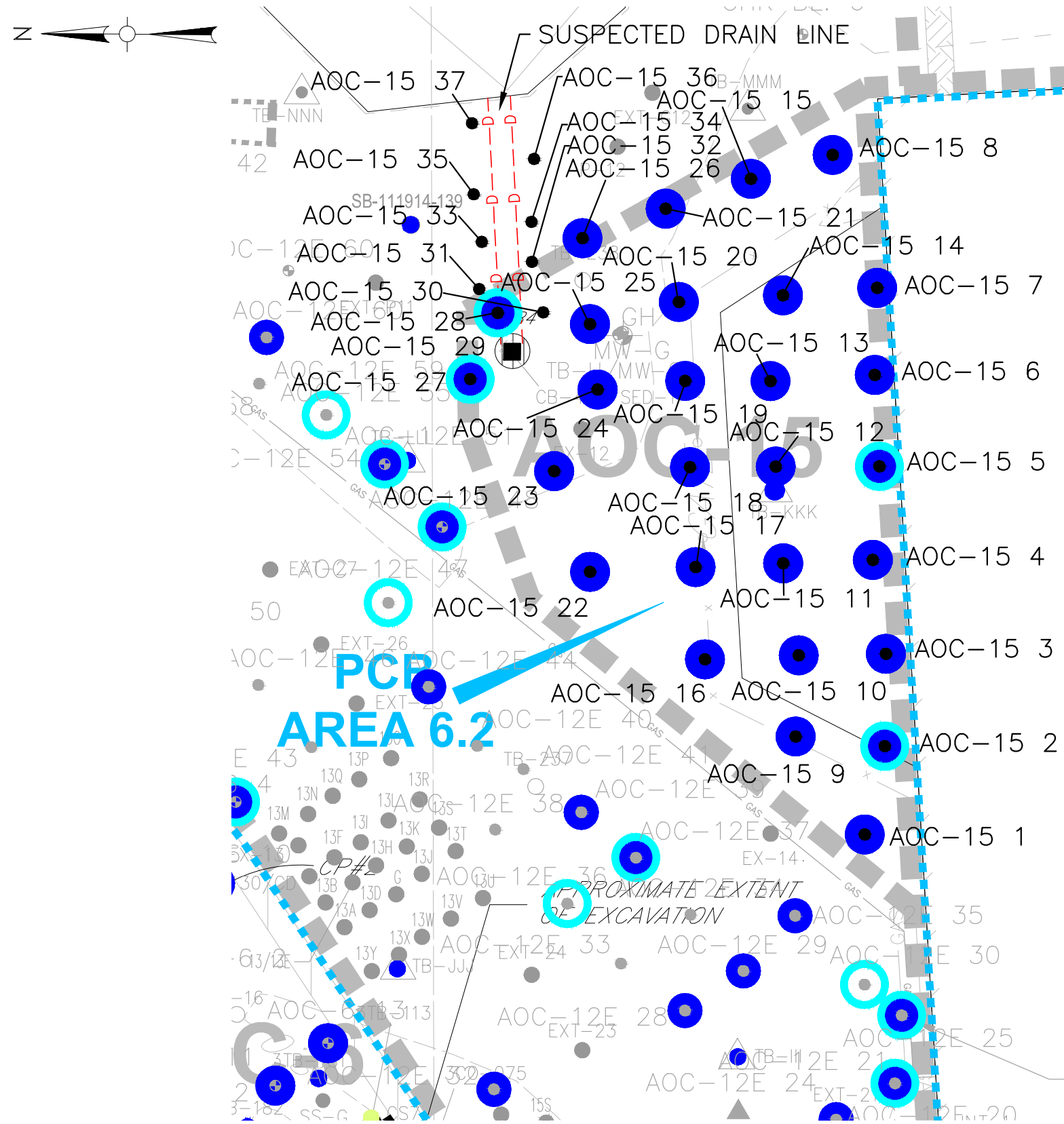


FIGURE 11-1		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-15 (PCB AREA 6.2) 2017 SAMPLE LOCATIONS: 0-2 FOOT DEPTH		
DESIGNED BY: PML	CHECKED BY: MB	DATE: OCTOBER 2017
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LEGEND:

- SAMPLE LOCATION WITH PCB CONCENTRATIONS < 1.0 MG/KG
- SAMPLE LOCATION WITH NON-DETECT PCB CONCENTRATIONS
- SAMPLE LOCATION WITH TPH/ETPH CONCENTRATIONS > 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
- 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 11-2

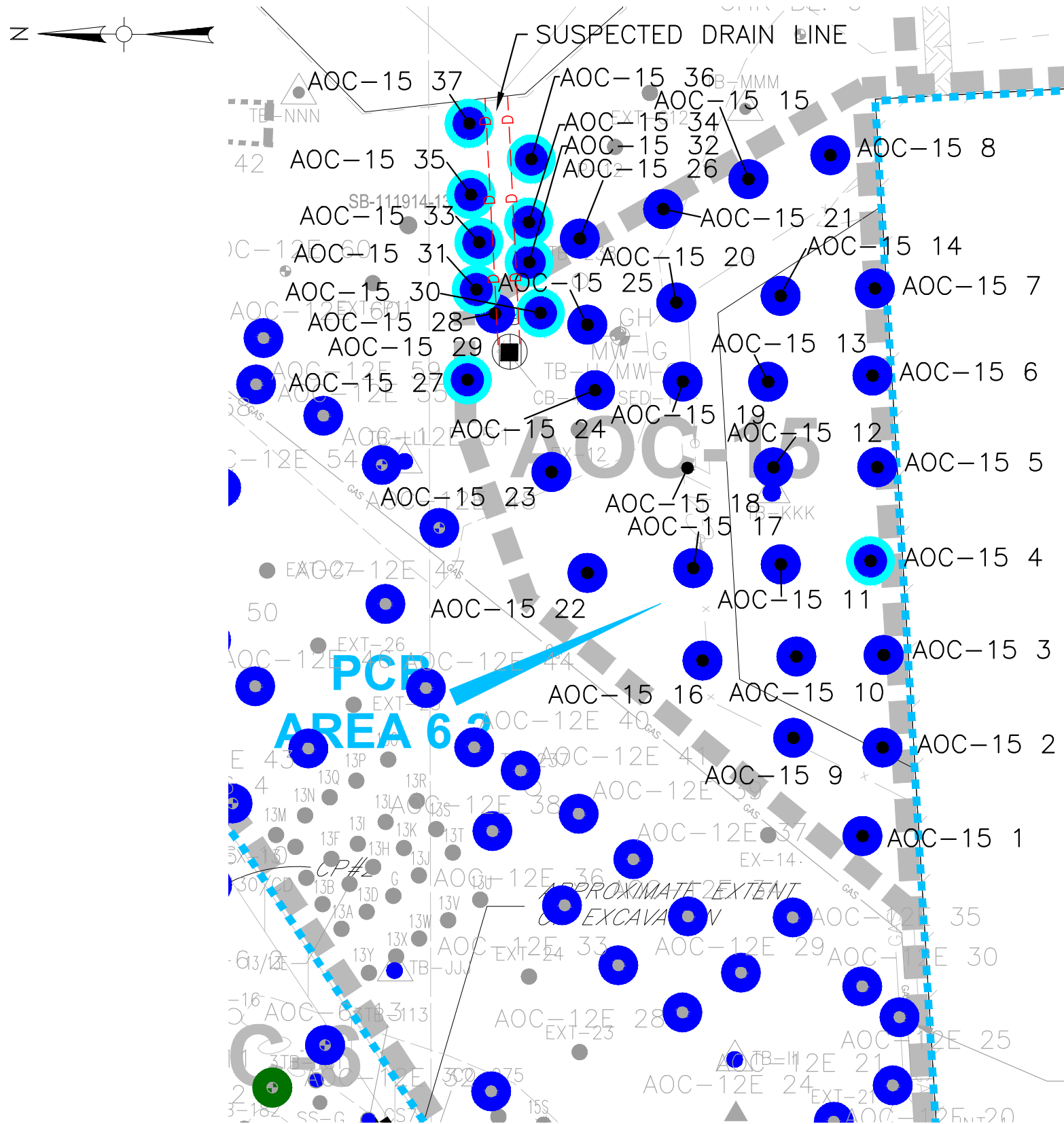
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510 GRAND AVENUE, NEW HAVEN, CONNECTICUT

AOC-15 (PCB AREA 6.2)
2017 SAMPLE LOCATIONS: 2-4 FOOT DEPTH

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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 > 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
- ▲ 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.

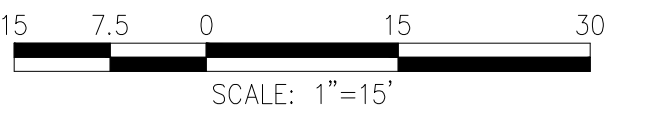


FIGURE 11-3		
UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 GRAND AVENUE, NEW HAVEN, CONNECTICUT		
AOC-15 (PCB AREA 6.2) 2017 SAMPLE LOCATIONS: > 4 FOOT DEPTH		
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