

- General Notes for Figures 4.2A and 4.2B**
- Several base maps were used for site features and Sample Point locations. These contain some discrepancies that have not been resolved. Locations are approximate.
 - Not all structural details have been shown within buildings and enclosures.
 - Enclosures EN01 through EN11 are enclosed either by three concrete walls, or by three concrete walls and a building wall. Enclosure is not synonymous with containment.
 - Four concrete pads formerly held capacitors: CP#1, CP#2, CP#3, CP#4. CP#1 is at grade; the others are elevated.
 - Most Sample Point locations were field-located and have not been surveyed. Not all Sample Points are mapped.
 - Figures 3N and 3S show only those groundwater monitoring wells for which soil analytical data are available.
 - The format of some Sample Point identifications has been modified to facilitate database operations.
 - Sample Point identifications starting in June 2004 have the following format: 3CO-040. The first number defines the PCB Area: Areas 1 through 7. The two letters define the matrix or type of sample. The last two or three numbers give the sample number within the series. Duplicate samples are indicated by "D" following the sample number or depth.
 - AS indicates an asphalt sample, drilled to a depth of 1/2 inch. CO indicates a concrete sample, drilled to a depth of 1/2 inch. SX indicates a hexane wipe sample from a steel or painted steel surface. XX indicates a miscellaneous sample. These include oil, sludge, floor tiles, and material from a canister. SD indicates a sediment sample from a catch basin, pipe trench, or sump. GP, HA, and TB indicate soil samples, taken respectively by Geoprobe®, hand auger or other hand tool, and drilling rig. Surface samples may include asphalt, concrete, or stone. SW indicates a surface water sample taken from one of the enclosures.
 - In general, asphalt and concrete samples have been taken based on a five-foot grid (~1.5-meter) and soil samples on a ten-foot grid. Some Sample Point locations were adjusted because of site conditions.
 - A series of detail Figures show additional Sample Points and PCB criteria exceedance data. These are indicated on Figures 3N and 3S as follows:
 - *1 = See Figure 4-3
 - *3.1 = See Figures 4-8A & 4-8B
 - *3.3 = See Figures 4-11A & 4-11B
 - *4.2 = See Figure 4-14
 - *4.3 = See Figures 4-13A, 4-13B, & 4-13C
 - *4.4 = See Figure 4-15
 - *5.1 = See Figure 4-19A
 - *5.2 = See Figure 4-19B
 - *5.4 = See Figure 4-9A
 - *5.5 = See Figure 4-9B
 - *5.6 = See Figure 4-9C
 - Godfrey-Hoffman Associates, LLC supplied a General Location Survey base map: Project 01-182; January 4, 2002 with revisions to June 21, 2002; scale 1 inch = 40 feet.
 - These Figures are not intended for construction purposes.

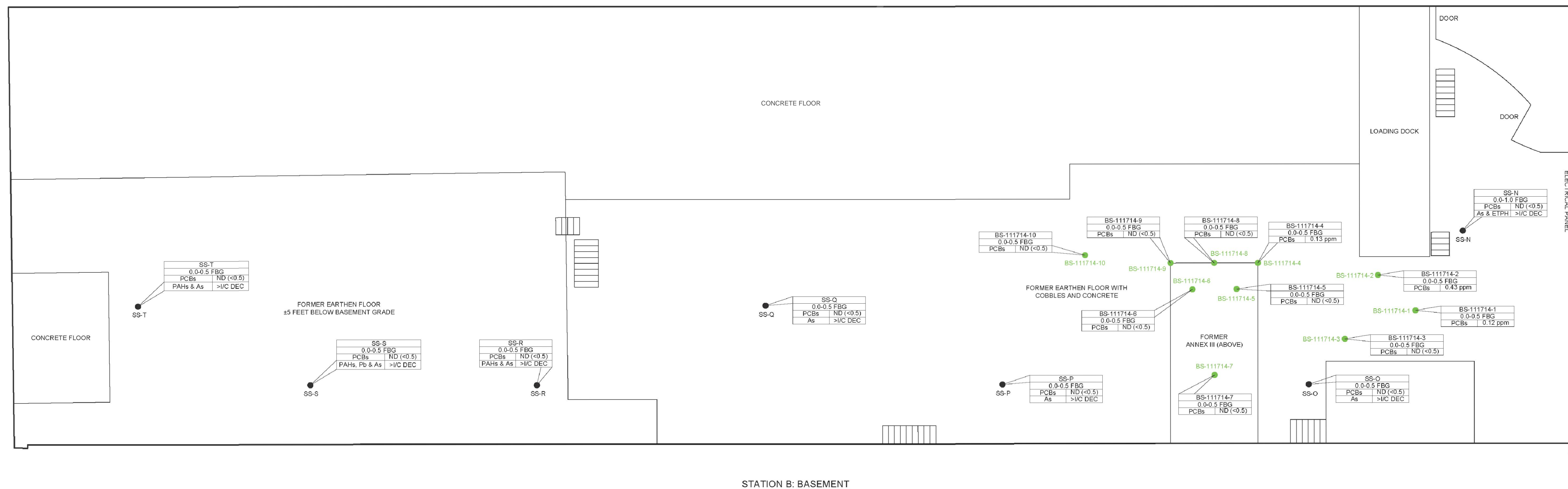
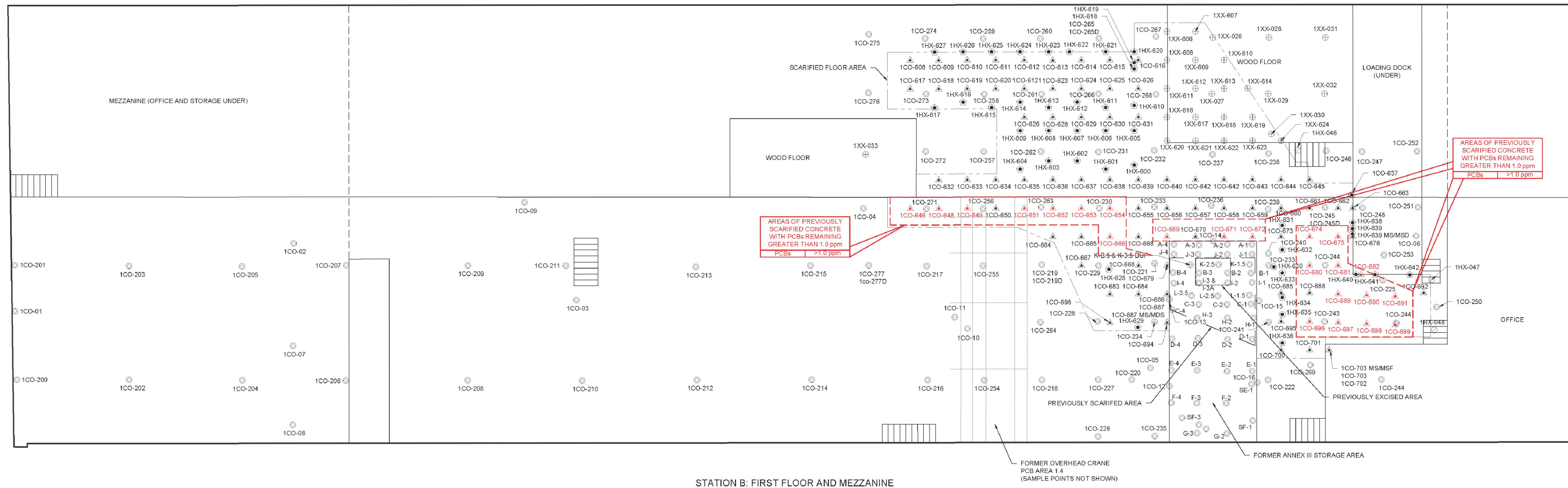
- PCB Investigation Areas**
- PCB Area 1: Station B Interior**
- Area 1.1 Mezzanine and First Floor, except Annex III
 - Area 1.2 Former Annex III
 - Area 1.3 Basement
- PCB Area 2: Former Coal Yard**
- Area 2.1 Elevated Railroad Tracks and Foundations
 - Area 2.2 Remainder of Former Coal Yard
- PCB Area 3: Electrical Infrastructure and Excavation**
- Area 3.1 Former Capacitor Area
 - Area 3.2 United Illuminating Remediation Area
 - Area 3.3 Transformer and Capacitor Area
- PCB Area 4: Southwest Corner**
- Area 4.1 Former Transformer Area
 - Area 4.2 Storage and Shop Building Interior
 - Area 4.3 Transformer and Former Capacitor Area
 - Area 4.4 Assembly Hall Interior
- PCB Area 5: Southeast Corner**
- Area 5.1 Former Dumpster Area
 - Area 5.2 Former Wastewater Treatment Area
 - Area 5.3 Oil Pump House Area
 - Area 5.4 Former Waste Oil Tank Area
 - Area 5.5 Tower GH-4 Area
 - Area 5.6 Former Storage Building Area
 - Area 5.7 Fuel Oil Tank Area
- PCB Area 6: Balance of Site, Except English Station**
- Area 6.1 Former Station B Area
 - Area 6.2 Mill River East Branch Area
- PCB Area 7: English Station Interior**

- LEGEND**
- 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 TPH/ETPH $> 1/C$ DEC

SOURCE:
MAP TITLED "FIGURE 3S, MASS ANALYSIS PCB SAMPLE POINT LOCATIONS-SOUTH, PREPARED FOR QUINNIPAC ENERGY, LLC., ENGLISH STATION, 510 GRAND AVENUE, NEW HAVEN, CT." DATED: 3/1/10, SCALE: 1"=20', BY ADVANCED ENVIRONMENTAL INTERFACE, INC.

4	RG	6/13/14	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/20/16 SURVEY & REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOL SAMPLES	MM
3	RG	5/22/17	REMOVED AOC PAST SAMPLE LOCATION FIGURE LOCATIONS	MM
2	RG	2/27/17	CUMULATIVE REVISIONS FROM FIGURES 4-9 THRU 4-13	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: HISTORIC SAMPLE LOCATIONS - PARCEL B				
DRAWN BY:	KDH	PROJ. NO.:	263951-000001-000000	
CHECKED BY:	RG			
APPROVED BY:	ST			
DATE:	10/07/2016			
				FIGURE 4-2B
				21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com
FILE NO.:				Plate 1 Rev-4.dwg

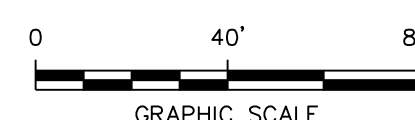
2025 RELEASE UNDER E.O. 14176




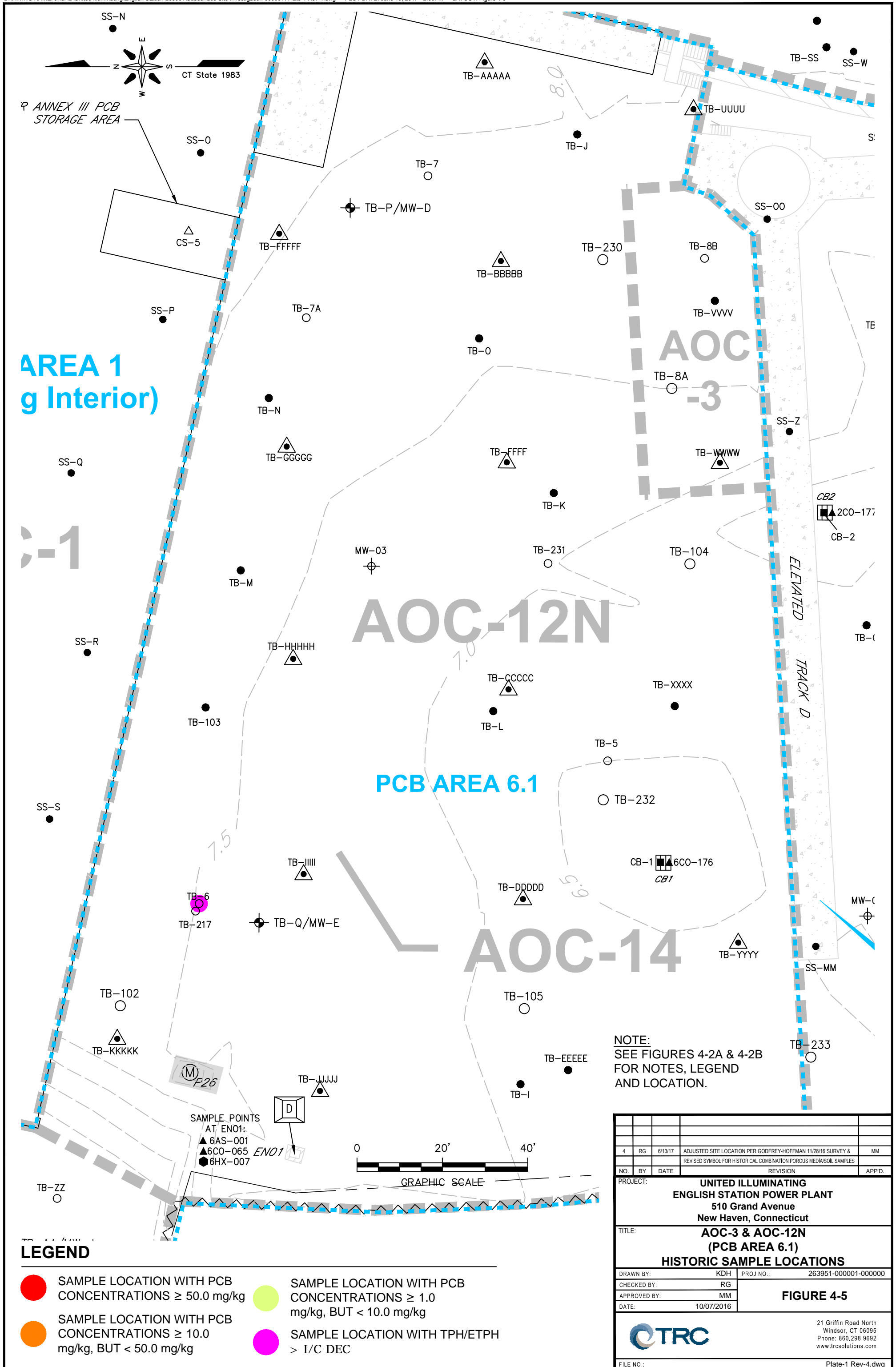
- PREVIOUS SOIL SAMPLE POINT
- SOIL SAMPLE LOCATION (2014)
- ⊗ PREVIOUS CONCRETE SAMPLE POINT
- ⊗ PREVIOUS HEXANE WIPE SAMPLE POINT
- ⊕ PREVIOUS WOOD SAMPLE POINT
- ⊕ PREVIOUS MASS SAMPLES (SAMPLES IN RED EXCEED 1.0 ppm)
- ⊙ PREVIOUS WIPE SAMPLES

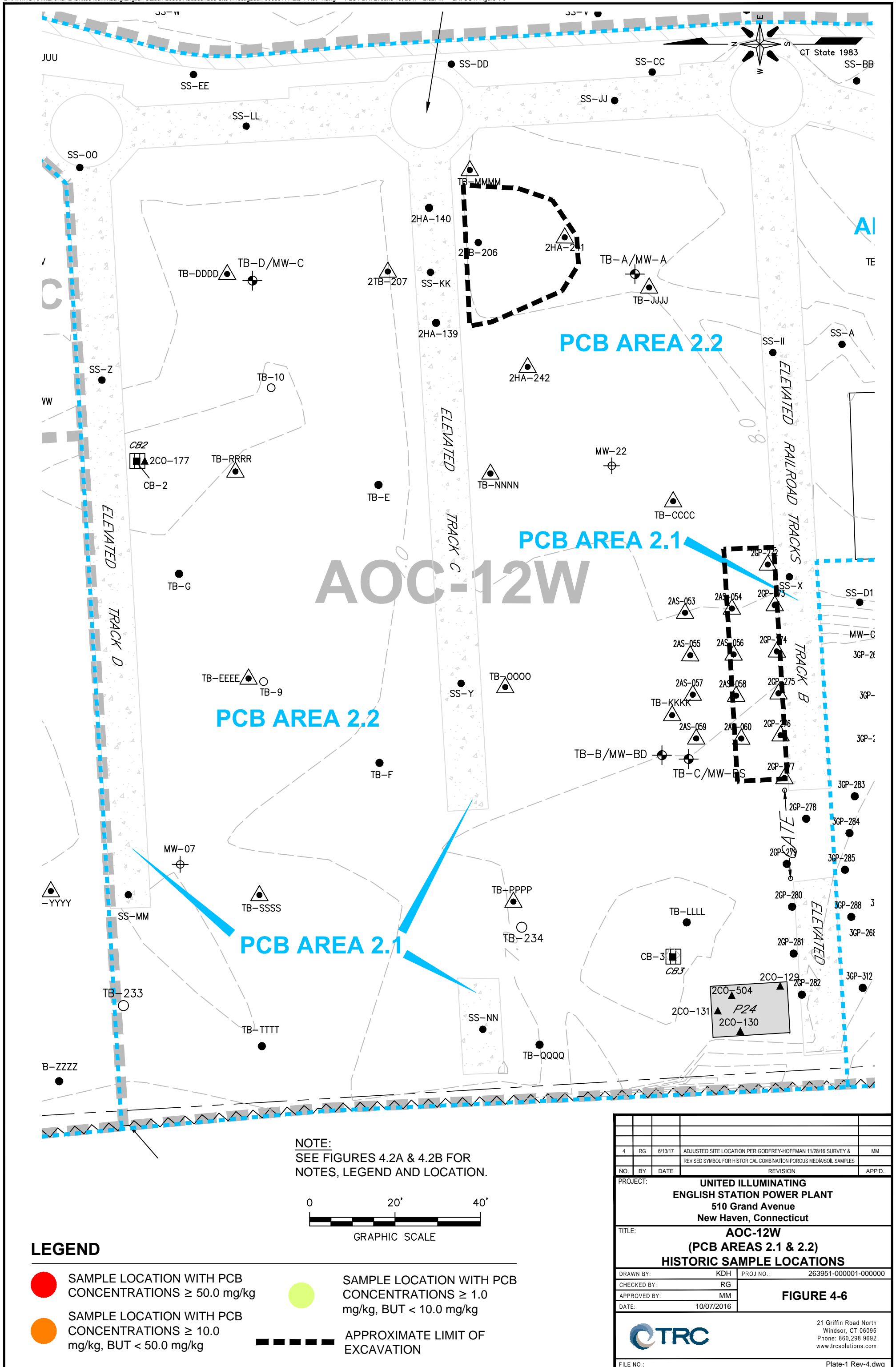
- b. Section 4 Subsurface Investigation (2014) sample point locations are illustrated in green. All historic sample point locations are based on previous figures prepared by others, including those referenced in the General Notes section of this figure. Exceedances identified in historic samples are based on previous data that were reviewed and included in Appendix A of the Section 4 Subsurface Investigation report.

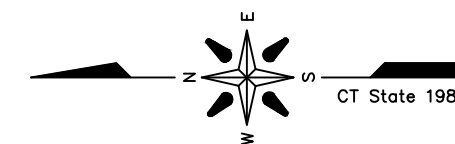
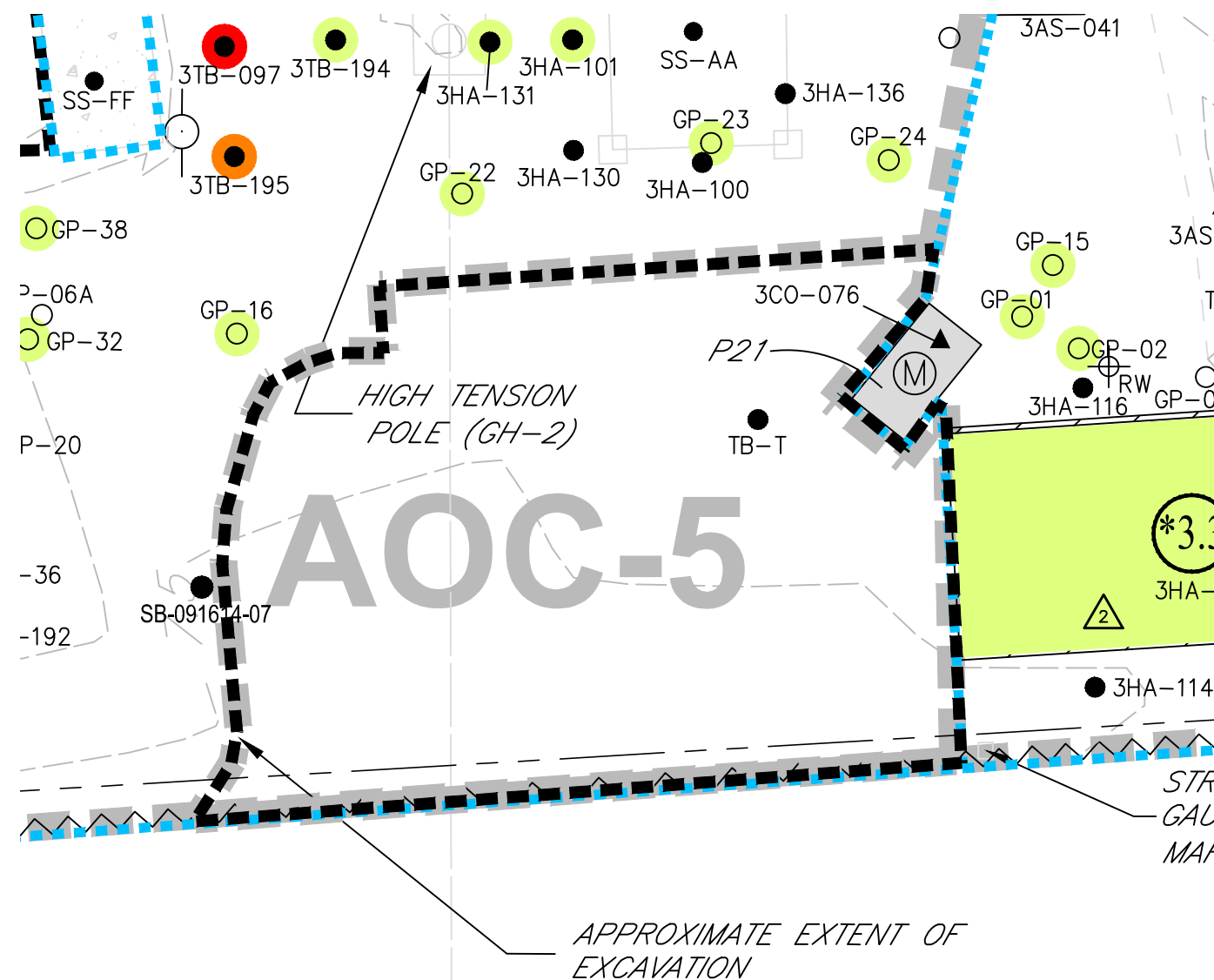
SOURCE:
MAP TITLED "FIGURE NO. 3, STATION B BUILDING
INTERIOR, FORMER ENGLISH STATION, 510 GRAND
AVENUE, NEW HAVEN, CT." DATED: 02/09/2015, SCALE:
1"=10', BY HRP ASSOCIATES, INC.







PROJECT:	UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut		
TITLE:	AOC-1 STATION B BUILDING INTERIOR HISTORIC SAMPLE LOCATIONS AND REMEDIATION AREAS		
DRAWN BY:	KDH	PROJ. NO.:	263951-000001-000000
CHECKED BY:	RG	FIGURE 4-3	
APPROVED BY:	MM		
DATE:	10/07/2016		
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9592 www.trcsolutions.com	
FILE NO.:	Figure 4-3.dwg		






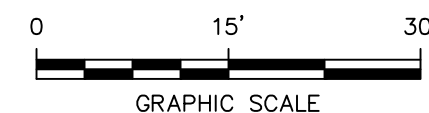


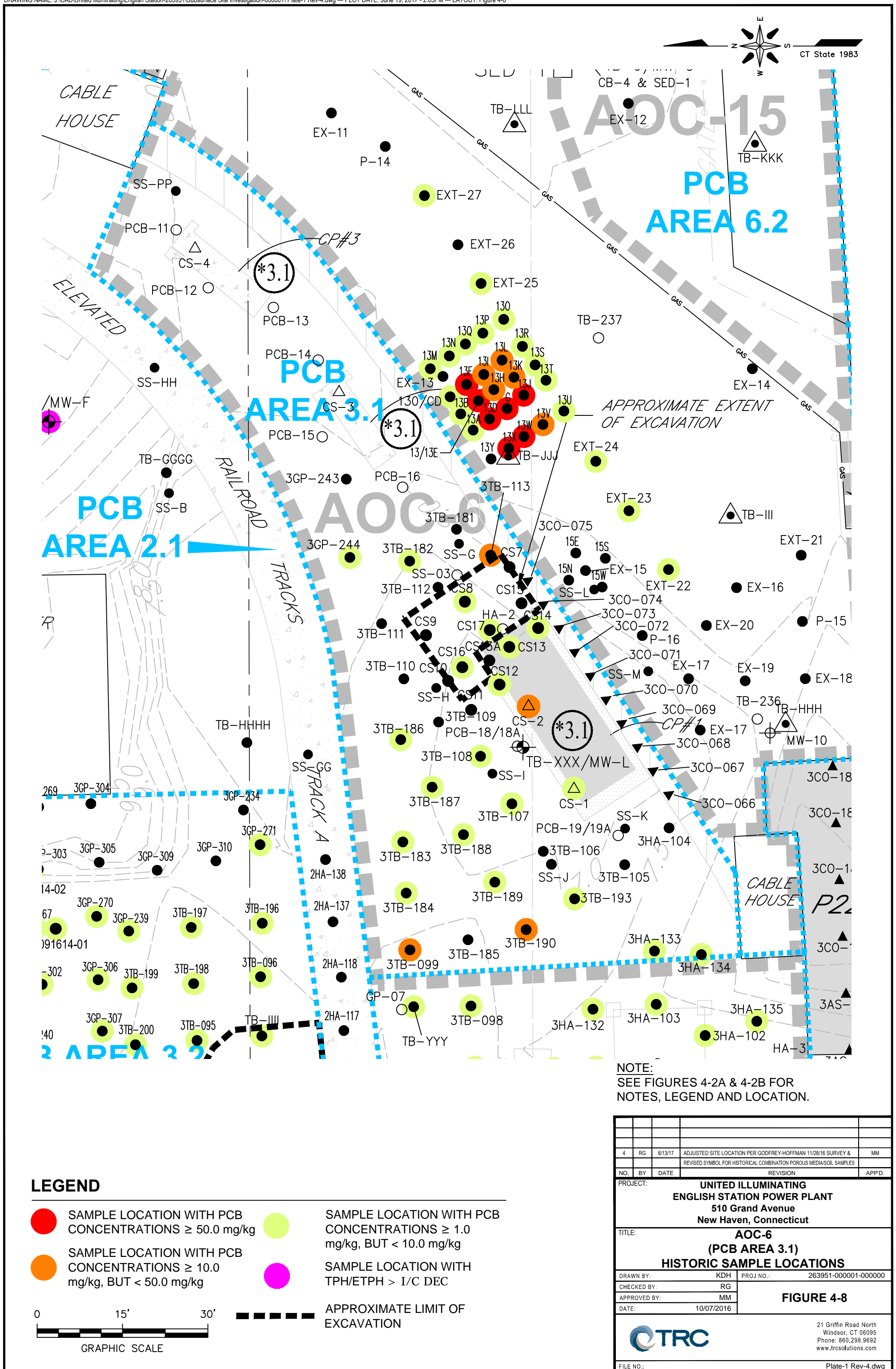
LEGEND

-  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
-  APPROXIMATE LIMIT OF EXCAVATION

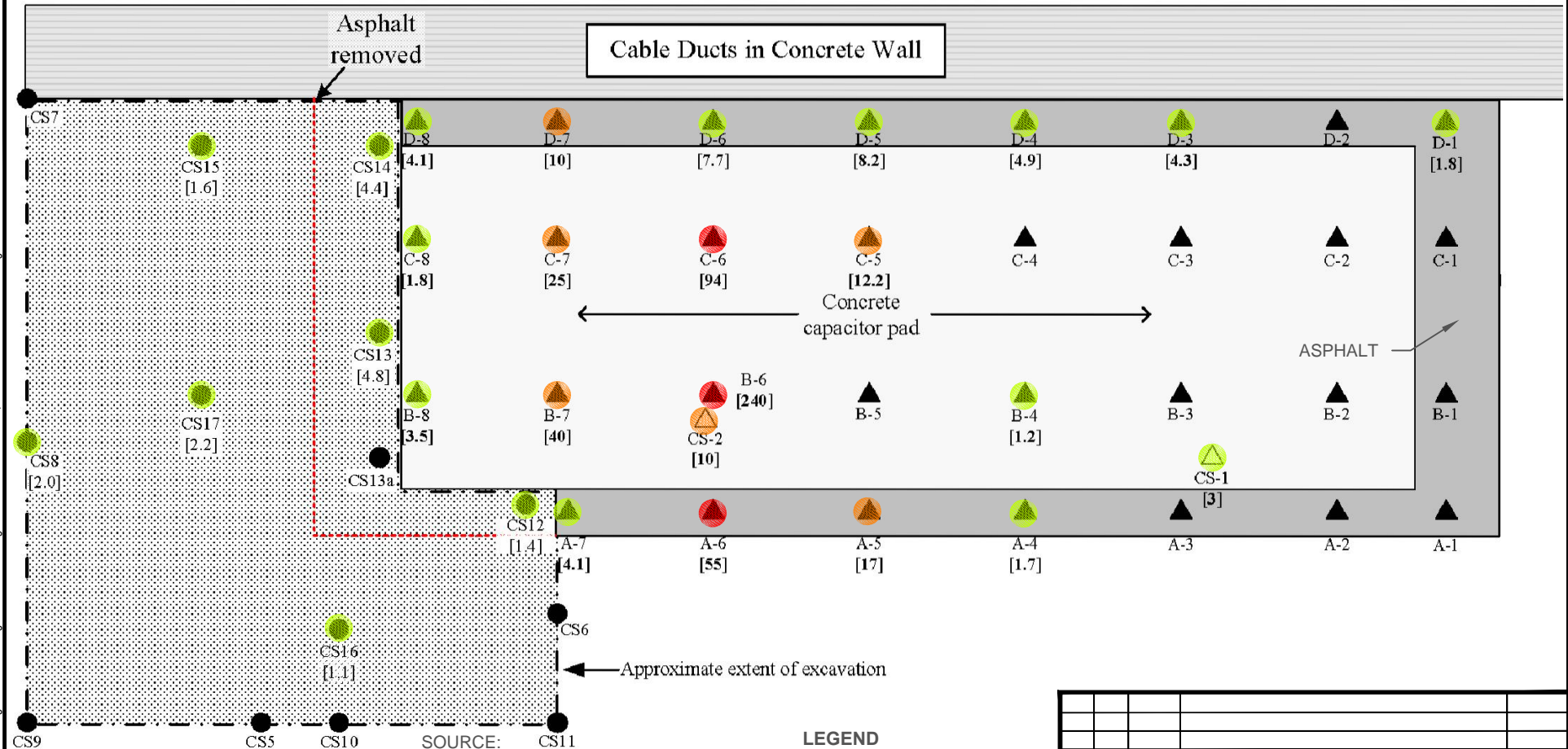
NOTE:
SEE FIGURES 4-2A & 4-2B FOR
NOTES, LEGEND AND LOCATION.

4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY		MM
NO.	BY	DATE	REVISION		APP'D
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut					
TITLE: AOC-5 BULKHEAD PCB REMEDIATION AREA					
DRAWN BY:		KDH	PROJ NO.: 263951-000001-000000		
CHECKED BY:		RG	FIGURE 4-7		
APPROVED BY:		MM			
DATE:		10/07/2016			
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:			Plate-1 Rev-4.dwg		





Capacitor Pad #1



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.

PROJECT: **UNITED ILLUMINATING
ENGLISH STATION POWER PLANT
510 Grand Avenue
New Haven, Connecticut**

TITLE: **PCB Area 3.1 - Historic Asphalt, Concrete, and Soil Sample Locations at Capacitor Pad 1**

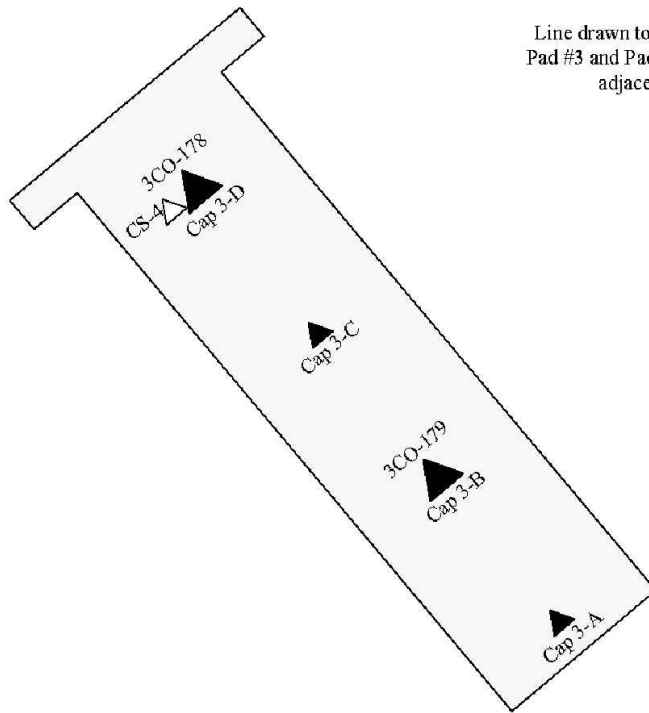
DRAWN BY:	KDH	PROJ NO.:	263951-000001-000000
CHECKED BY:	RG	Figure 4-8A	
APPROVED BY:	MM		
DATE:	10/07/2016		

CTRC

21 Griffin Road North
Windsor, CT 06095
Phone: 860.298.9692
www.trcsolutions.com

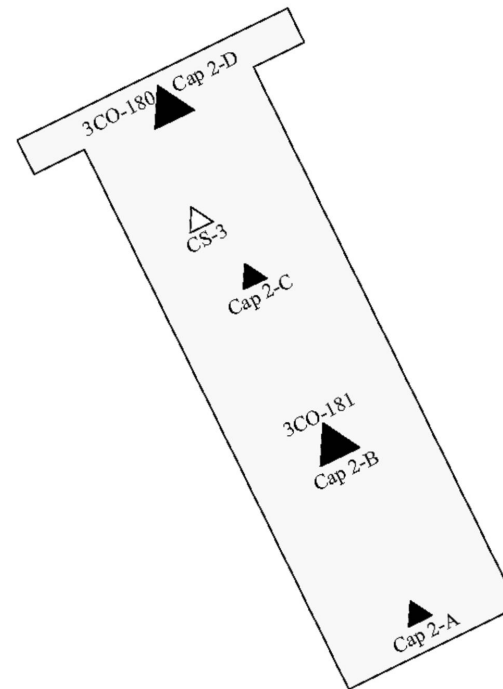
FILE NO.: Figure 4-8A Rev 4.dwg

Capacitor Pad #3



Line drawn to show that
 Pad #3 and Pad #2 are not
 adjacent.

Capacitor Pad #2

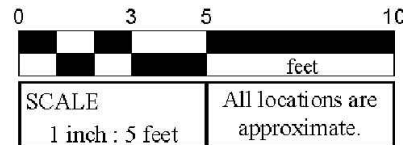
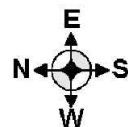


LEGEND

- ▲ Cap 3-A Concrete Sample Point
- △ CS-4 Concrete Sample Point—GEI
- ▲ Cap 3-A Concrete Sample Point—Adjacent
- ▲ 3CO-180

SOURCE:

Figure A3.1c: PCB Area 3.1 - Concrete Sample
 Points at Capacitor Pads #2 & #3.
 Project: AEI-00T-030e
 Location: English Station
 Grand Avenue, New Haven, Connecticut
 Date: February 2005
 By Advanced Environmental Interface, Inc.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.

PROJECT: **UNITED ILLUMINATING
 ENGLISH STATION POWER PLANT
 510 Grand Avenue
 New Haven, Connecticut**

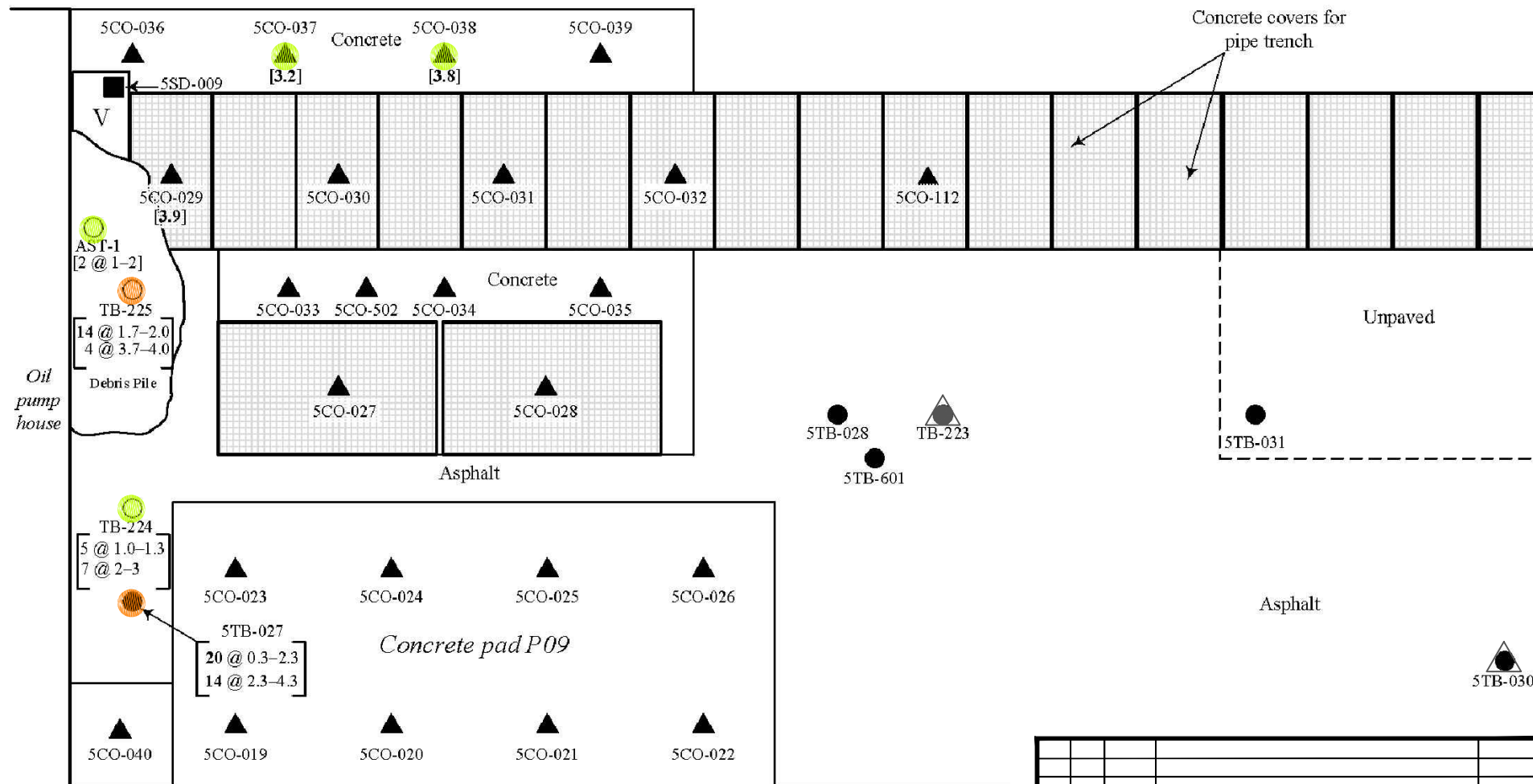
TITLE: **PCB Area 3.1 - Historic Concrete Sample
 Locations at Capacitor Pads 2 & 3**

DRAWN BY: KDH	PROJ NO.: 263951-000001-000000
CHECKED BY: RG	Figure 4-8B
APPROVED BY: MM	
DATE: 10/07/2016	

21 Griffin Road North
 Windsor, CT 06095
 Phone: 860.298.9692
 www.trcsolutions.com

FILE NO.: Figure 4-8B Rev 4.dwg

11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Figure 4-9A.tif
DRAWING NAME: J:\CAD\United Illuminating\English Station\263951\Subsurface Site Investigation-000001\Figure 4-9A Rev 4.dwg -- PLOT DATE: June 19, 2017 - 4:21PM -- LAYOUT: Figure 4-9A



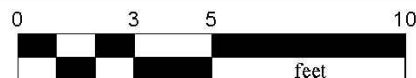
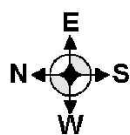
SOURCE:
Figure A5.4: PCB Area 5.4: Concrete, Sediment, and Soil Sample Points
Project: AEI-00T-030e
Location: English Station
Grand Avenue, New Haven, Connecticut
Date: February 2005
By Advanced Environmental Interface, Inc.

LEGEND

- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 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

LEGEND

- 5CO-040 Concrete Sample Point -AEI
- 5SD-009 Sediment Sample Point -AEI
- 5TB-027 Soil Sample Point -AEI
- TB-225 Soil Sample Point-GEI
- [1.9] PCB Criterion Exceedance in Milligrams Per Kilogram



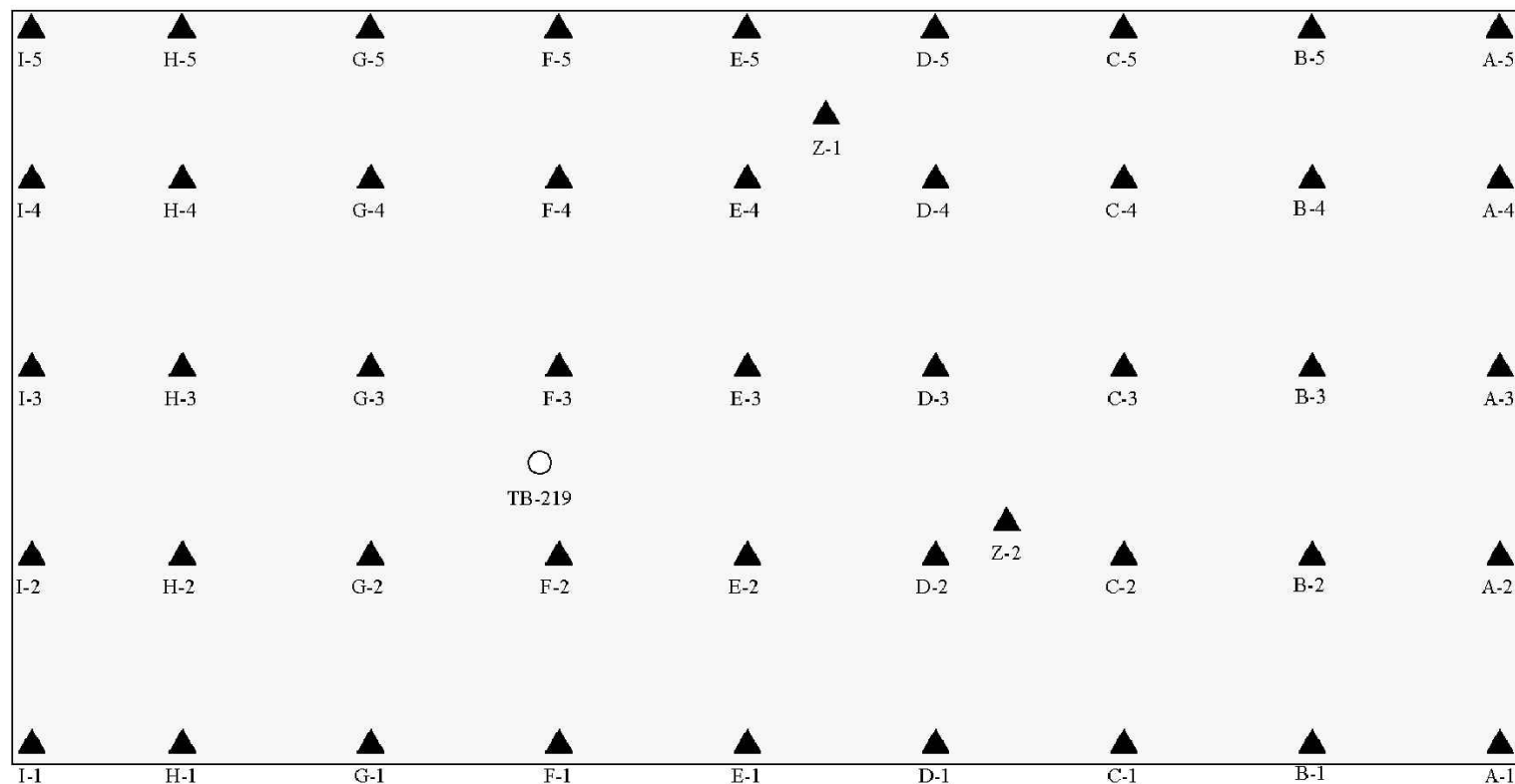
SCALE

1 inch : 5 feet



All locations are approximate.

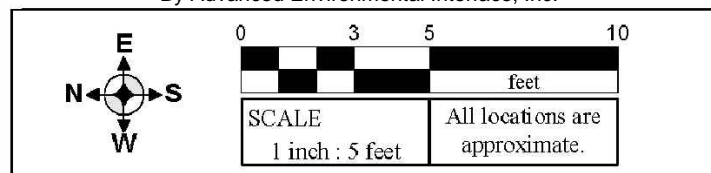
4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY &	MM
			REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES	
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 5.4: Historic Concrete, Sediment, and Soil Sample Locations				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-9A		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-9A Rev 4.dwg		


11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Figure 4-9C.dwg
 DRAWING NAME: J:\CAD\United Illuminating\English Station-263951\Subsurface Site Investigation-000001\Figure 4-9C Rev 4.dwg -- PLOT DATE: June 14, 2017 - 2:43PM -- LAYOUT: Figure 4-9C

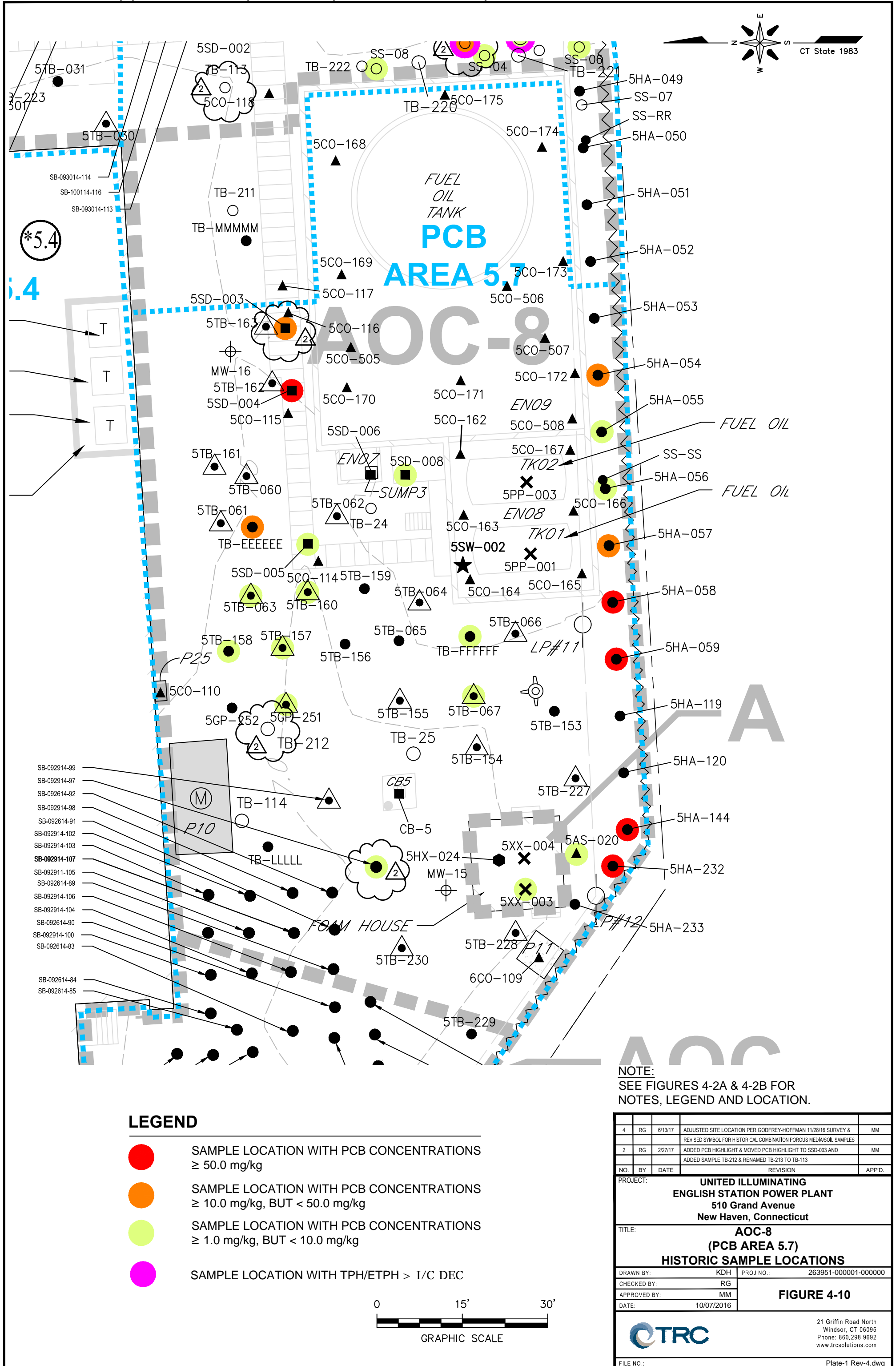


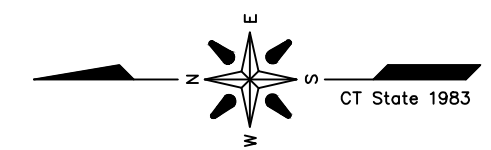
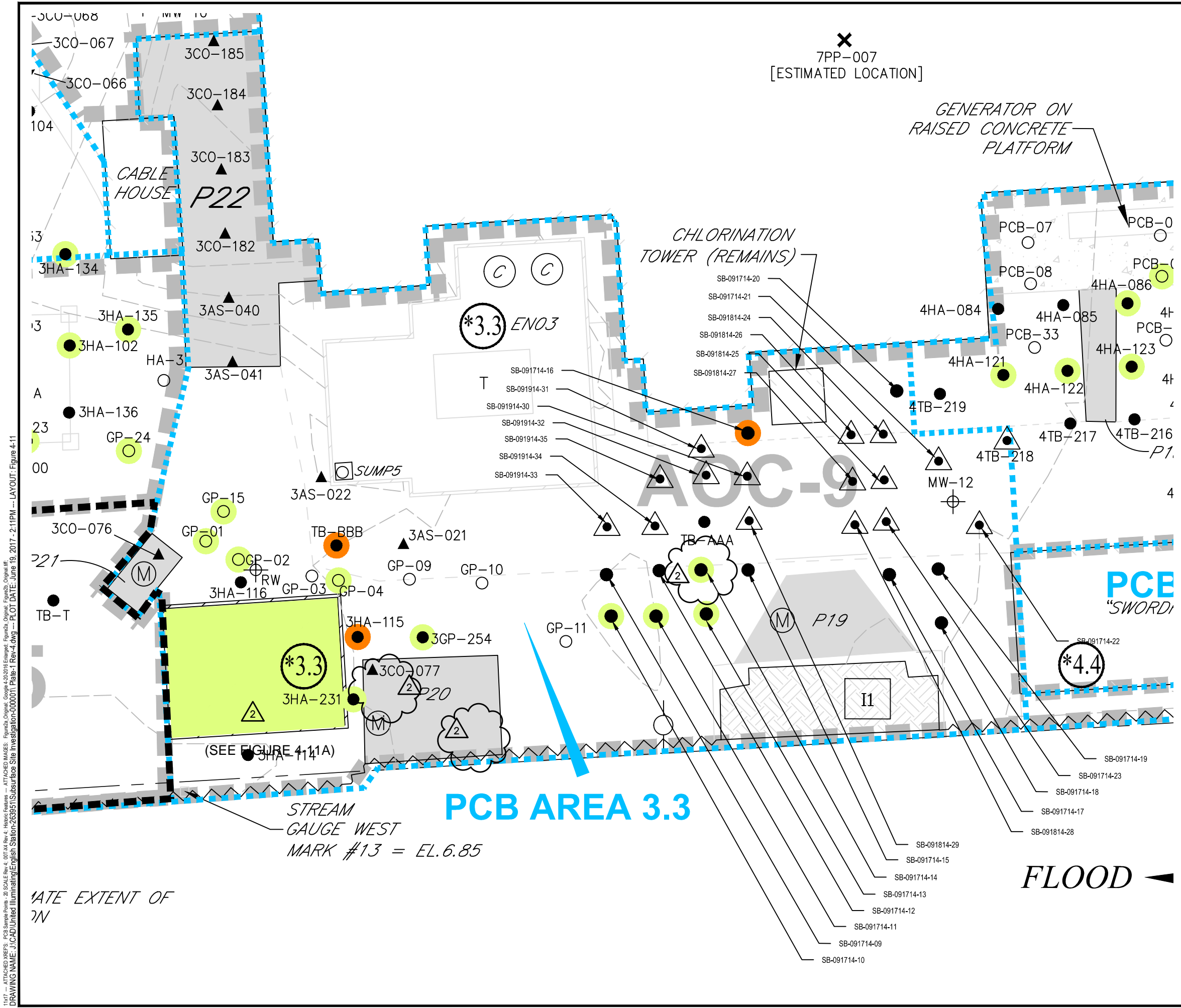
SOURCE:
 Figure A5.6: PCB Area 5.6: Concrete and Soil
 Sample Points at Concrete Pad P08
 Project: AEI-00T-030e
 Location: English Station
 Grand Avenue, New Haven, Connecticut
 Date: February 2005
 By Advanced Environmental Interface, Inc.

LEGEND	
	Concrete Sample Point—AEI
	Soil Sample Point—GEI
5CO-026	
TB-219	



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 5.6: Historic Concrete and Soil Sample Locations at Concrete Pad P08				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-9C		
APPROVED BY: MM				
DATE: 10/07/2016				
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com	
FILE NO.:			Figure 4-9C Rev 4.dwg	

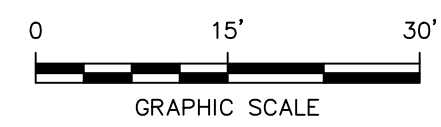




LEGEND


- 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

NOTE:
SEE FIGURES 4-2A & 4-2B FOR
NOTES, LEGEND AND LOCATION.



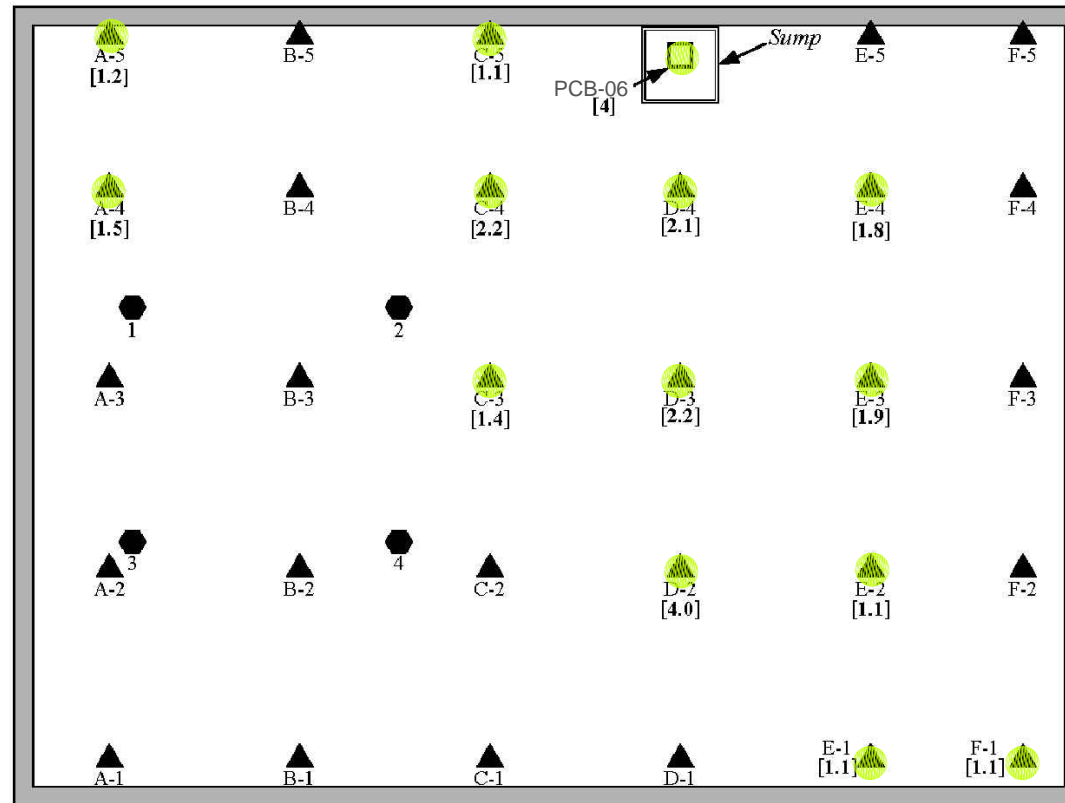
4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY &	MM
			REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES	
2	RG	2/27/17	LABELED BUILDING EN02	MM
NO.	BY	DATE	REVISION	APP'D.

PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: AOC-9 (PCB AREA 3.3) HISTORIC SAMPLE LOCATIONS				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		FIGURE 4-11		
APPROVED BY: MM				
DATE: 10/07/2016				

		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com	
FILE NO.:		Plate-1 Rev-4.dwg	

11x17 -- ATTACHED REFS: PCB Sample Points - 20 SCALE Rev 4, 007-04 Rev 4, Historic Features -- ATTACHED IMAGES: Figure 4-20/2016 Enlarged: Figure 4-20, Original: Figure 4-20
DRAWING NAME: J:\CADD\United Illuminating\English Station\263951\Subsurface Site Investigation\000001\Plate-1 Rev-4.dwg -- PLOT DATE: June 19, 2017 - 2:11PM -- LAYOUT: Figure 4-11

Enclosure EN02



NOTES:

1. Hexane wipe samples were taken from an elevated steel deck above the enclosure concrete floor.
2. Many enclosure details are not shown.

SOURCE:

Figure A3.3a: PCB Area 3.3: Concrete, Hexane Wipe, and Sediment Sample Points at Enclosure EN02.

Project: AEI-00T-030e

Location: English Station

Grand Avenue, New Haven, Connecticut

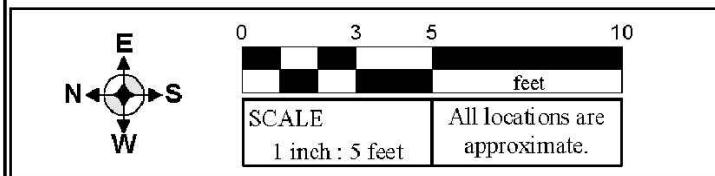
Date: February 2005

By Advanced Environmental Interface, Inc.

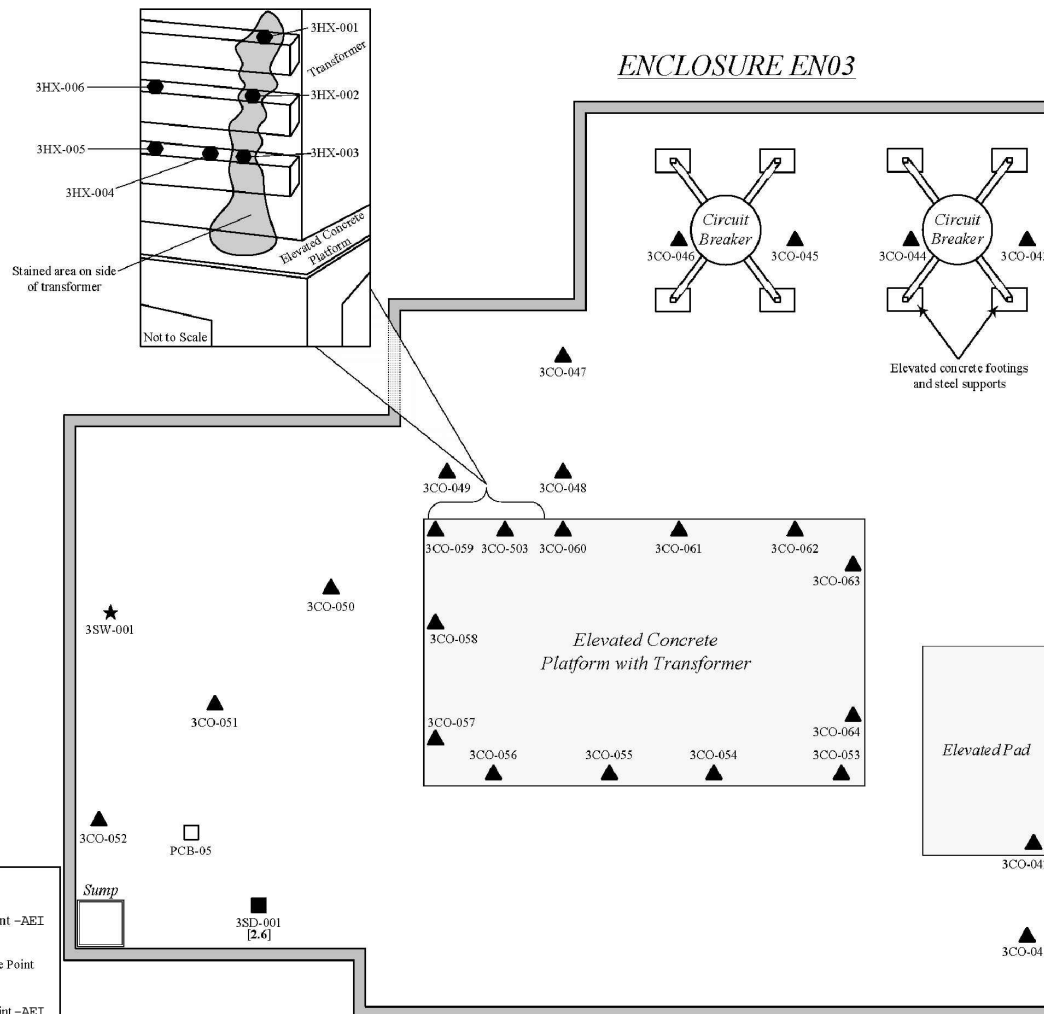
LEGEND

- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 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

LEGEND	
	Concrete Sample Point -AEI
	Hexane Wipe Sample Point -AEI
	Sediment Sample Point—GEI
	PCB Criterion Exceedance in Milligrams per Kilogram



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
2	RG	2/27/17	REV PCB-06 LABEL	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 3.3: Historic Concrete, Hexane Wipe, and Sediment Sample Locations at Enclosure EN02				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-11A		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-11A Rev 4.dwg		



NOTES:

1. 3HX-004 was taken from area of intermediate staining.
2. Transformer has blue sticker indicating fluid contains less than 50 ppm PCB.
3. Elevated circuit breakers have green stickers indicating fluid contains less than 1 ppm PCB.
4. Many enclosure details are not shown.
5. All Locations Are Approximate.

SOURCE:

Figure A3.3b: PCB Area 3.3: Concrete, Hexane Wipe, Sediment, and Surface Water Sample Points at Enclosure EN03.

Project: AEI-00T-030e

Location: English Station

Grand Avenue, New Haven, Connecticut

Date: February 2005

By Advanced Environmental Interface, Inc.

All Locations Are Approximate

4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 3.3: Historic Concrete, Hexane Wipe, Sediment, and Surface Water Sample Locations at Enclosure EN03				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-11B		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
		FILE NO.: Figure 4-11B Rev 4.dwg		

EN05—
37-A—




PCB AREA 4.2^{(*)4.3}

PCB AREA 4.4

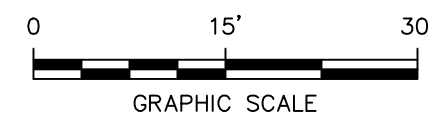
-VALVE VAULT


- STORAGE & SHOP BUILDING

LEGEND

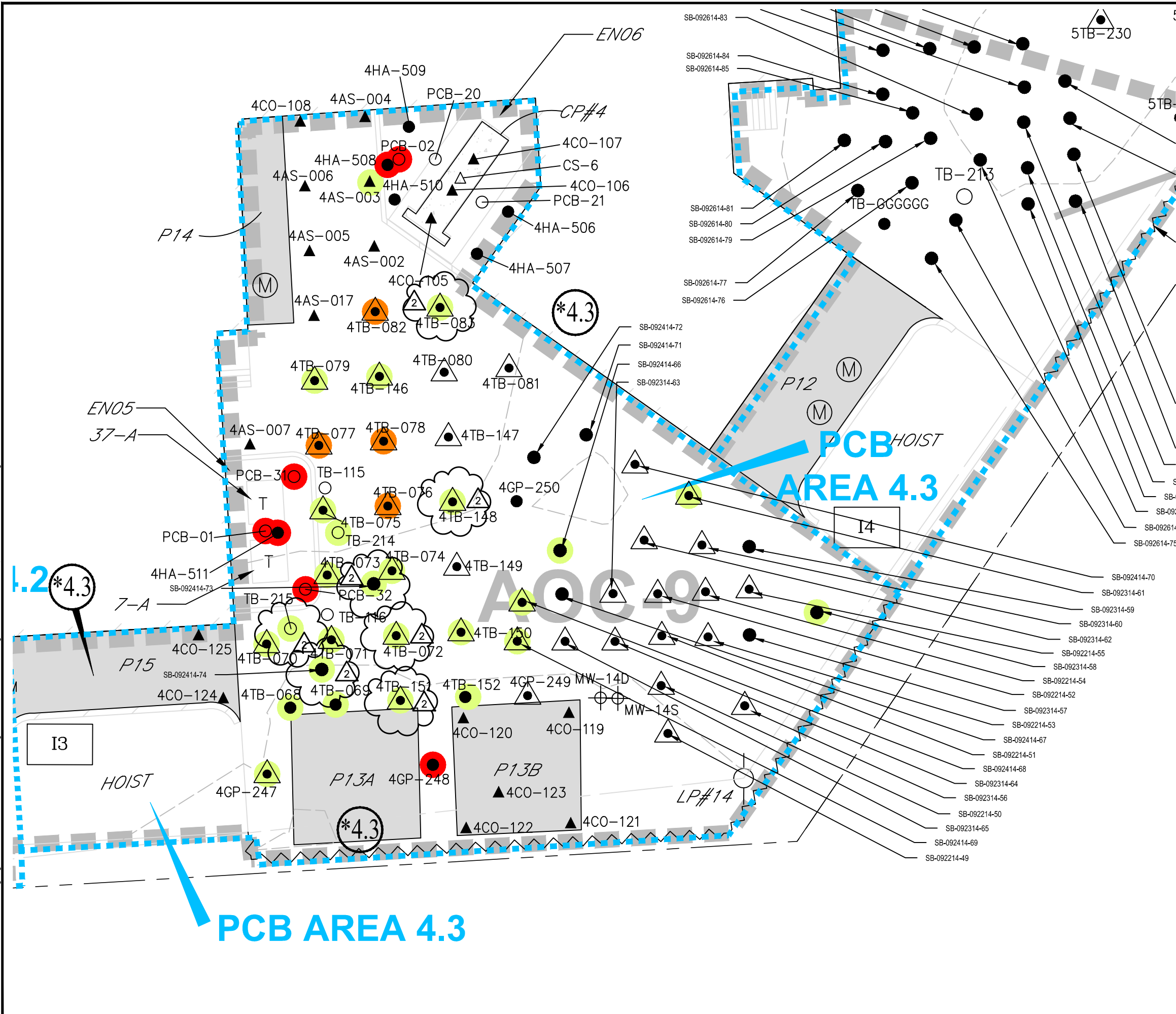
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg

NOTE:
SEE FIGURES 4-2A & 4-2B FOR
NOTES, LEGEND AND LOCATION.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY & REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES		MM
2	RG	2/27/17	ADDED PCB CONCENTRATION HIGHLIGHT		MM
NO.	BY	DATE	REVISION		APP'D.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut					
TITLE: AOC-9 (PCB AREA 4.1) HISTORIC SAMPLE LOCATIONS					
DRAWN BY: KDH			PROJ NO.: 263951-000001-000000		
CHECKED BY: RG			FIGURE 4-12		
APPROVED BY: MM					
DATE: 10/07/2016					
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:			Plate-1 Rev-4.dwg		

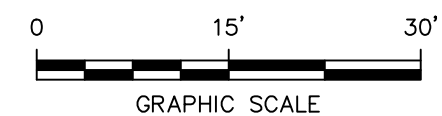
11x17 -- ATTACHED REF: PCB Sample Points - 20 SCALE Rev 4, 007-04 Rev 4, Historic Features -- ATTACHED IMAGES: Figure 4-20-2016 Enlarged: Figure 4-20, Original: Figure 4-20, Original: Figure 4-20
DRAWING NAME: J:\CAD\United Illuminating\English Station\263951\Surface Site Investigation\000001\Plate-1 Rev-4.dwg -- PLOT DATE: June 19, 2017 - 2:37PM -- LAYOUT: Figure 4-13



LEGEND


- 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

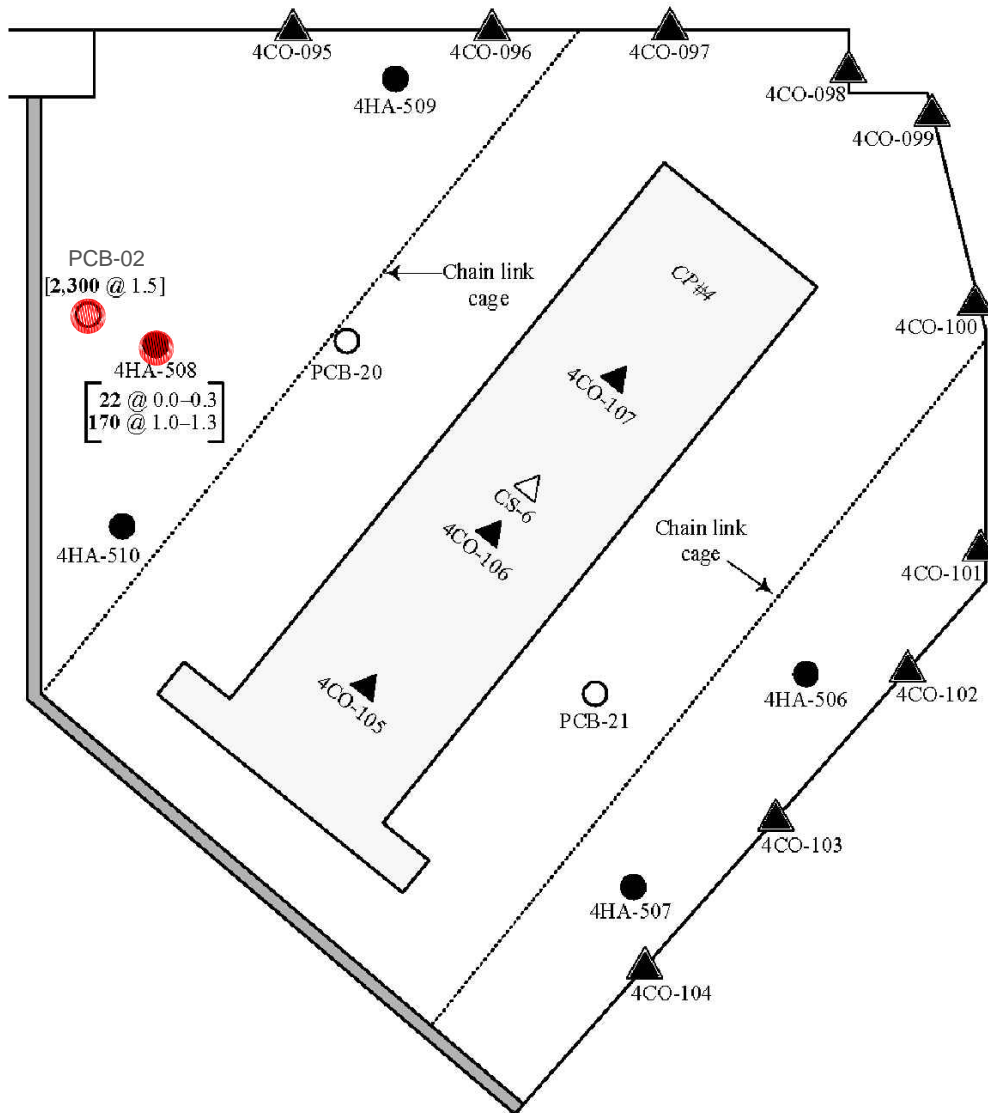
NOTE:
SEE FIGURES 4-2A & 4-2B FOR
NOTES, LEGEND AND LOCATION.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY & REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES	MM
2	RG	2/27/17	ADDED SAMPLE LOCATIONS & PCB HIGHLIGHTING	MM
NO.	BY	DATE	REVISION	APP'D.

PROJECT:		UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut	
TITLE:		AOC-9 (PCB AREA 4.3) HISTORIC SAMPLE LOCATIONS	
DRAWN BY:	KDH	PROJ NO.:	263951-000001-000000
CHECKED BY:	RG	FIGURE 4-13	
APPROVED BY:	MM		
DATE:	10/07/2016		

		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com
FILE NO.:		Plate-1 Rev-4.dwg



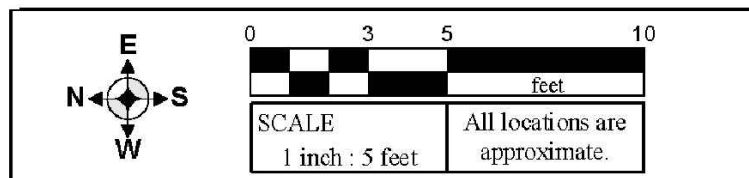
LEGEND


- 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

SOURCE:

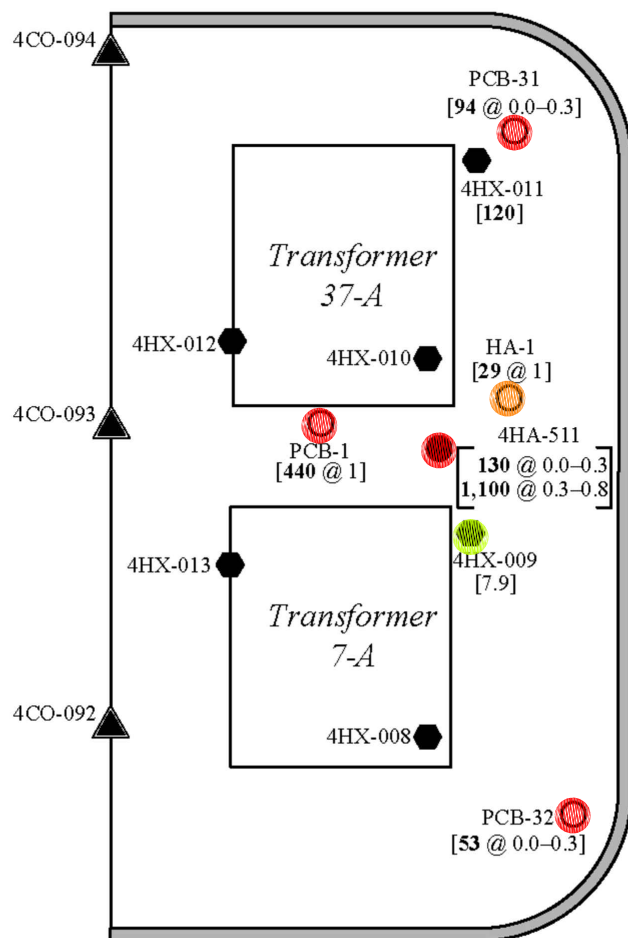
Figure A4.3a: PCB Area 4.3: Concrete, Hexane, and Soil Samples at Enclosures EN05 and EN06.
Project: AEI-00T-030e
Location: English Station
Grand Avenue, New Haven, Connecticut
Date: February 2005
By Advanced Environmental Interface, Inc.

LEGEND	
▲ 4CO-095	Concrete Sample Point -AEI
▲ 4CO-095	Concrete Sample Point on Wall -AEI
△ CS-6	Concrete Sample Point-GEI
● 3HX-004	Hexane Wipe Sample Point -AEI
● 4HA-507	Soil Sample Point -AEI
○ PCB-1	Soil Sample Point-GEI
[22]	PCB Criterion Exceedance in Milligrams Per Kilogram



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
2	RG	2/27/17	REVISED PCB-02 LABEL	MM
NO.	BY	DATE	REVISION	APP'D.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 4.3: Historic Sample Locations at EN06 / Capacitor Bank 4				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-13A		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-13A Rev 4.dwg		

EN05



LEGEND

- ▲ 4CO-095 Concrete Sample Point -AEI
- ▲ 4CO-095 Concrete Sample Point on Wall -AEI
- △ CS-6 Concrete Sample Point—GEI
- 3HX-004 Hexane Wipe Sample Point -AEI
- 4HA-507 Soil Sample Point -AEI
- PCB-1 Soil Sample Point—GEI
- [22] PCB Criterion Exceedance in Milligrams Per Kilogram

LEGEND

- 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

SOURCE:

Figure A4.3a: PCB Area 4.3: Concrete, Hexane, and Soil Samples at Enclosures EN05 and EN06.

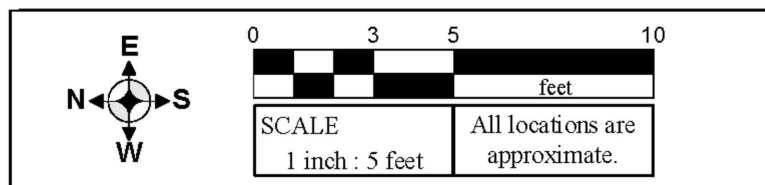
Project: AEI-00T-030e


Location: English Station

Grand Avenue, New Haven, Connecticut

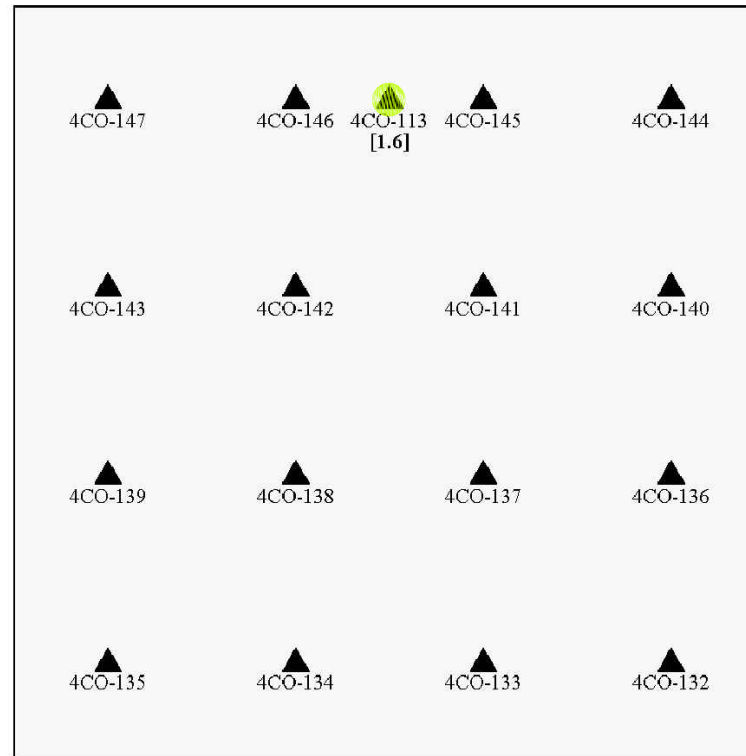
Date: February 2005

By Advanced Environmental Interface, Inc.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM	
NO.	BY	DATE	REVISION	APP'D.	
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut					
TITLE: PCB Area 4.3: Historic Concrete, Hexane Wipe, and Soil Sample Locations at Enclosure EN05					
DRAWN BY:		KDH	PROJ NO.: 263951-000001-000000		
CHECKED BY:		RG	Figure 4-13B		
APPROVED BY:		MM			
DATE:		10/07/2016			
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
			FILE NO.: Figure 4-13B Rev 4.dwg		

Concrete Pad P13A



NOTE:

1. Pad P13A was buried beneath ca. 2–4" gravel, and was excavated at sample points.

SOURCE:

Figure A4.3b: PCB Area 4.3: Concrete Sample Points at Concrete Pad P13A.

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 ≥ 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

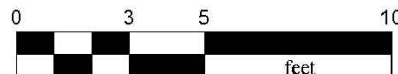
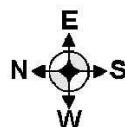
LEGEND

▲
4CO-135

[1.6]

Concrete Sample Point –AEI

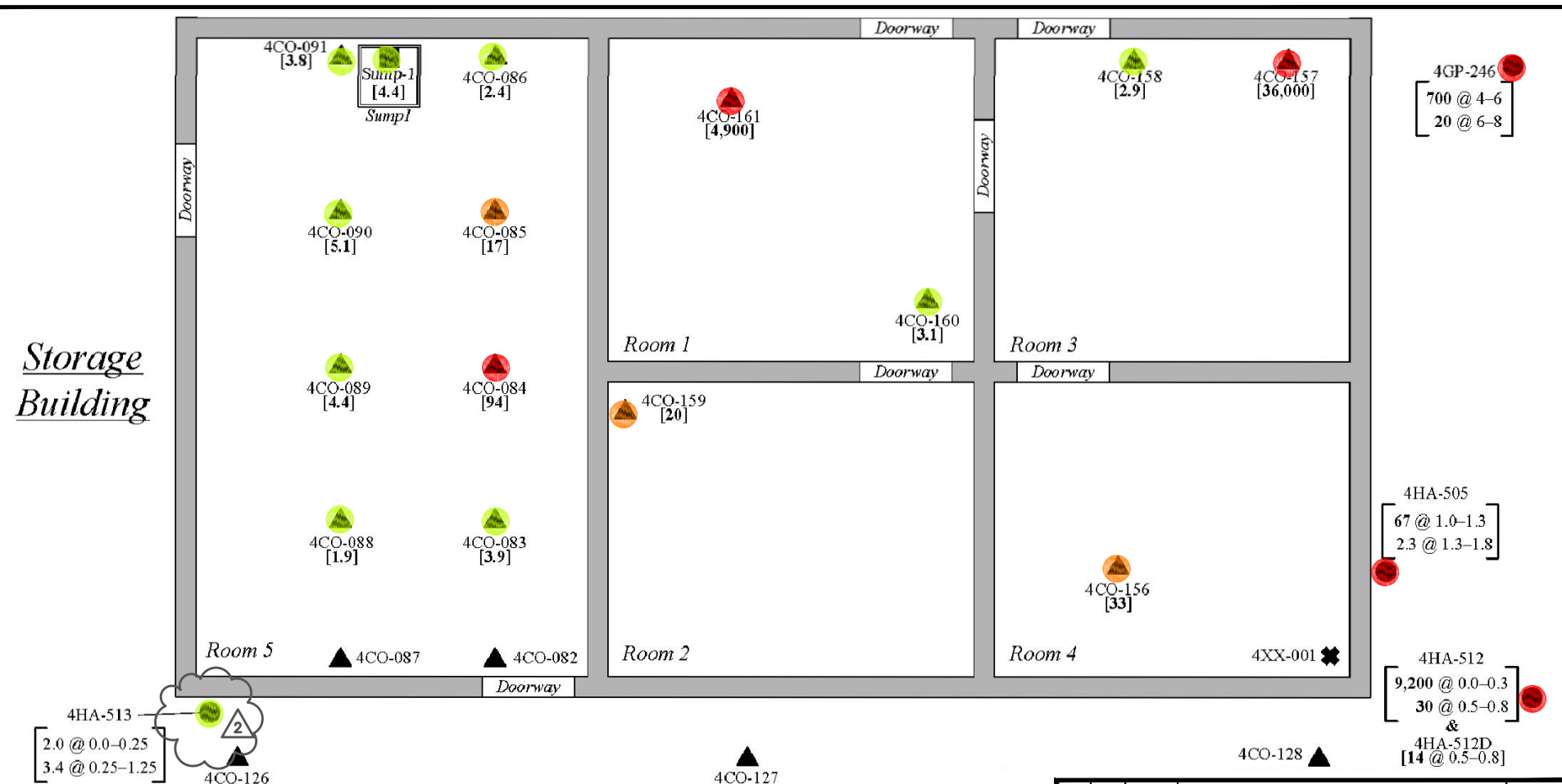
PCB Criterion Exceedance
in Milligrams Per Kilogram



SCALE
1 inch : 5 feet

All locations are
approximate.

4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 4.3: Historic Concrete Sample Locations at Concrete Pad P13A				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-13C		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-13C Rev 4.dwg		

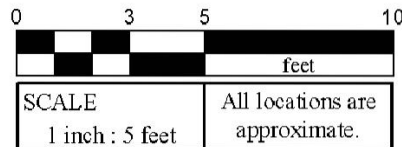
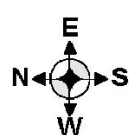



LEGEND	
	Concrete Sample Point - AEI
	Miscellaneous Sample Point (canister of orange powder) - AEI
	Sediment Sample Point - AEI
	Soil Sample Point - AEI
	PCB Criterion Exceedance in Milligrams Per Kilogram

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

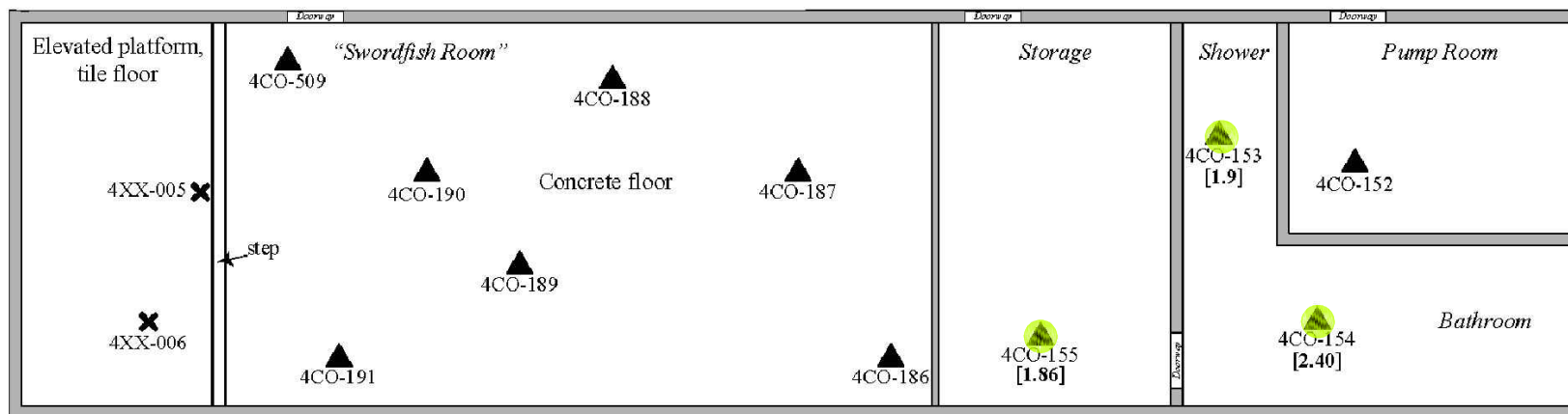
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg






4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
2	RG	2/27/17	ADDED PCB HIGHLIGHT	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: AOC-10 PCB Area 4.2: Historic Concrete, Miscellaneous, Sediment and Soil Sample Locations				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-14		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-14 & 5-12 Rev 4.dwg		

11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Figure 4-15.rvt
DRAWING NAME: J:\CAD\United Illuminating\English Station\263951\Subsurface Site Investigation-000001\Figure 4-15 & 5-13 Rev 4.dwg -- PLOT DATE: June 14, 2017 - 10:10AM -- LAYOUT: Figure 4-15

Assembly Hall





LEGEND

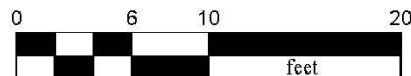
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
-  SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg

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

-  4CO-154 Concrete Sample Point - AEI
-  4XX-006 Miscellaneous Sample Point (Floor Tiles) - AEI
- [1.9] PCB Criterion Exceedance in Milligrams Per Kilogram

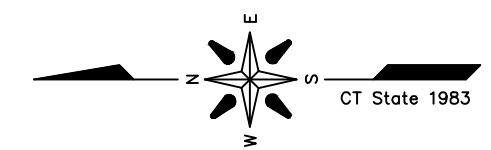
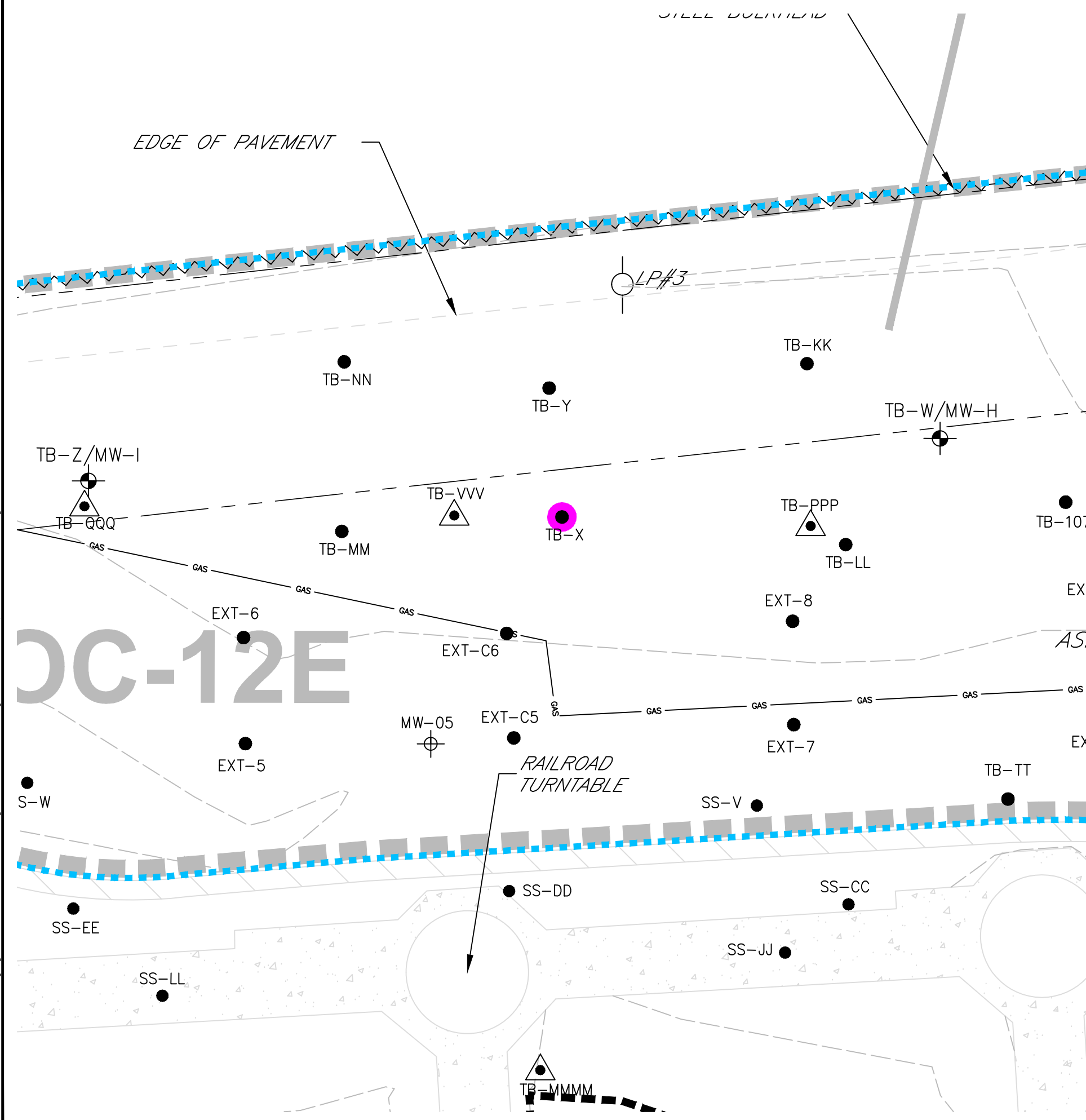


SCALE
1 inch : 10 feet

All locations are approximate.

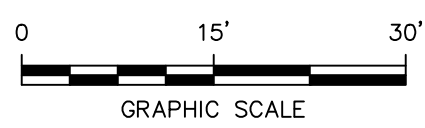
4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: AOC-10 PCB Area 4.4: Historic Concrete and Miscellaneous Sample Locations				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-15		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-15 & 5-13 Rev 4.dwg		

11x17 -- ATTACHED XREFS: PCB Sample Points - 20 SCALE Rev 4: 001-X4 Rev 4: Historic Features -- ATTACHED IMAGES: Figure2a, Original: Google 4-20-2016 Enlarged: Figure2a, Original: Figure2b, Original: J:\CAD\United Illuminating\English Station\263951\Subsurface Site Investigation\000001\Plate-1 Rev-4.dwg -- PLOT DATE: June 19, 2017 - 2:41PM -- LAYOUT: Figure 4-17



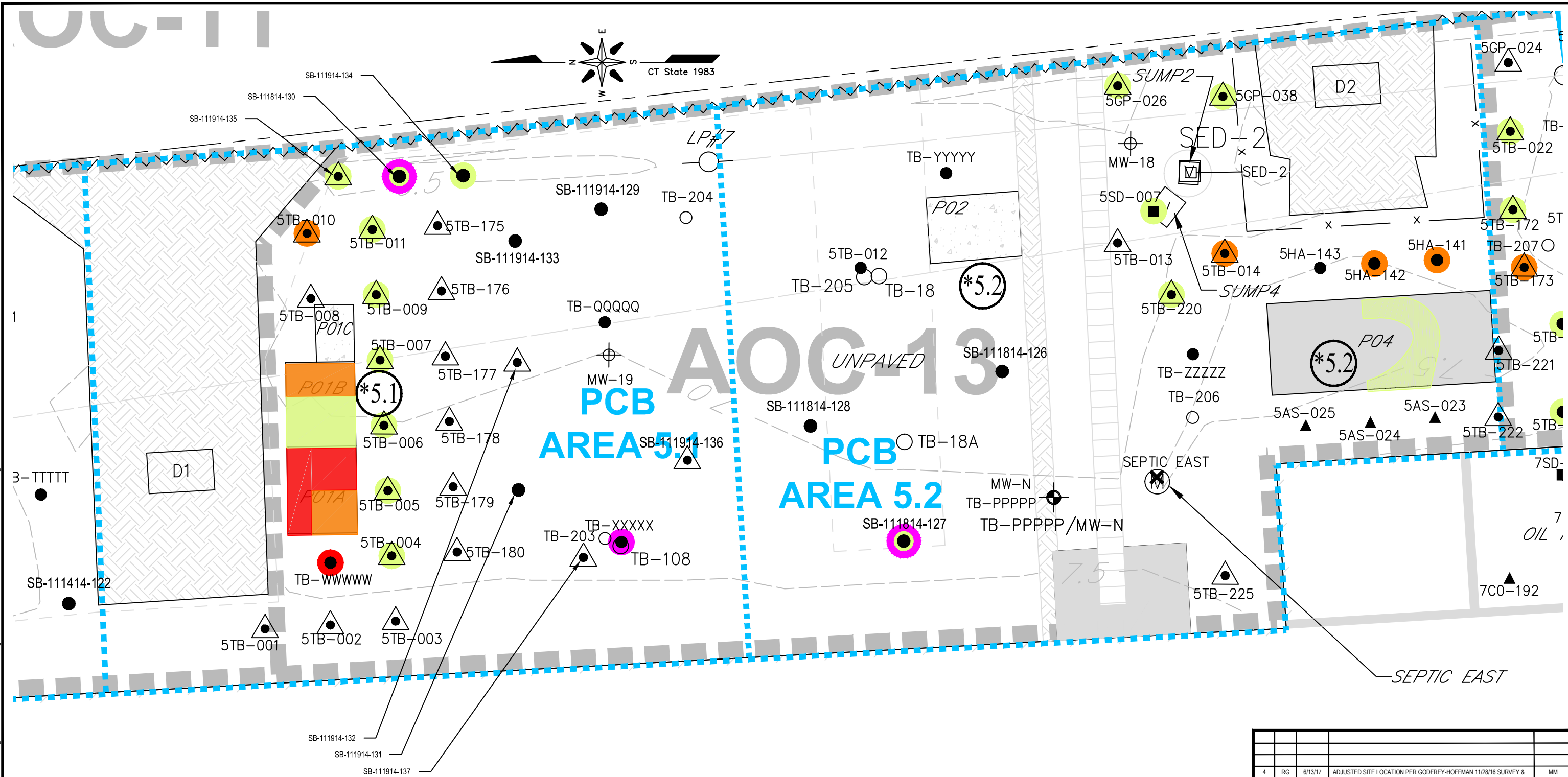
- LEGEND**
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
 - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
 - SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg
 - SAMPLE LOCATION WITH TPH/ETPH $> 1/C$ DEC

NOTE:
SEE FIGURES 4.2A & 4.2B FOR
NOTES, LEGEND AND LOCATION.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY & REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES	MM
NO.	BY	DATE	REVISION	APP'D.
PROJECT:			UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut	
TITLE:			AOC-12E (PCB AREA 6.2) HISTORIC SAMPLE LOCATIONS	
DRAWN BY:		KDH	PROJ NO.:	263951-000001-000000
CHECKED BY:		RG	FIGURE 4-17	
APPROVED BY:		MM		
DATE:		10/07/2016		
FILE NO.:			Plate-1 Rev-4.dwg	
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com	

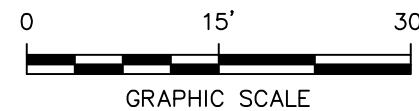
11x17 -- ATTACHED XREFS: PCB Sample Points - 20 SCALE Rev 4, 007-X4 Rev 4, Historic Features -- ATTACHED IMAGES: Figure 4-20/2016 Enlarged: Figure 4-20, Original: Figure 4-20, Original: Figure 4-20
DRAWING NAME: J:\CADD\United Illuminating\English Station\263951\Subsurface Site Investigation-000001\Plate-1 Rev-4.dwg -- PLOT DATE: June 19, 2017 - 2:45PM -- LAYOUT: Figure 4-19




LEGEND

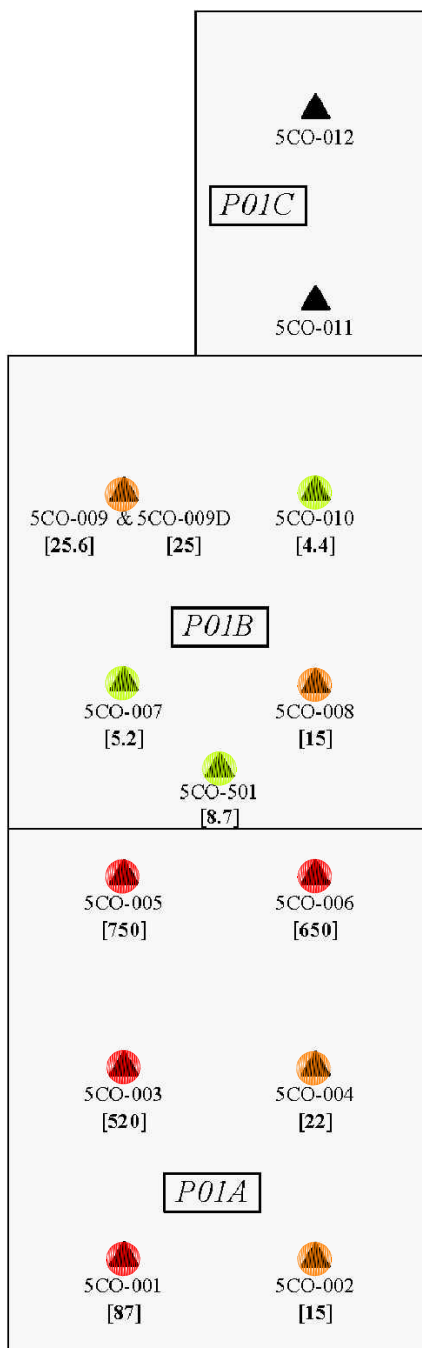
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg
- SAMPLE LOCATION WITH TPH/ETPH $> 1/C$ DEC

NOTE:
SEE FIGURES 4-2A & 4-2B FOR NOTES, LEGEND AND LOCATION.



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY &		MM
			REVISED SYMBOL FOR HISTORICAL COMBINATION POROUS MEDIA/SOIL SAMPLES		
NO.	BY	DATE	REVISION		APP'D.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut					
TITLE: AOC-13 (PCB AREAS 5.1 & 5.2) HISTORIC SAMPLE LOCATIONS					
DRAWN BY:		KDH	PROJ NO.: 263951-000001-000000		
CHECKED BY:		RG	FIGURE 4-19		
APPROVED BY:		MM			
DATE:		10/07/2016			
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:			Plate-1 Rev-4.dwg		

Concrete Pad P01



LEGEND

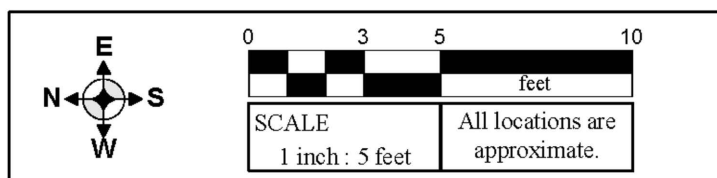
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 10.0 mg/kg, BUT < 50.0 mg/kg
- SAMPLE LOCATION WITH PCB CONCENTRATIONS ≥ 1.0 mg/kg, BUT < 10.0 mg/kg

NOTE:


1. Concrete pad P01C is elevated. Pads P01A and P01B are at grade..

SOURCE:

Figure A5.1: PCB Area 5.1: Concrete Sample Points
at Concrete Pad P01.
Project: AEI-00T-030e
Location: English Station
Grand Avenue, New Haven, Connecticut
Date: February 2005
By Advanced Environmental Interface, Inc.



LEGEND	
	Concrete Sample Point -AEI
[87]	PCB Criterion Exceedance in Milligrams Per Kilogram

4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY		MM
NO.	BY	DATE	REVISION		APP'D.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut					
TITLE: PCB Area 5.1: Historic Concrete Sample Locations at Concrete Pad P01					
DRAWN BY:		KDH	PROJ NO.: 263951-000001-000000		
CHECKED BY:		RG	Figure 4-19A		
APPROVED BY:		MM			
DATE:		10/07/2016			
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:			Figure 4-19A Rev 4.dwg		

11x17 -- ATTACHED XREFS: -- ATTACHED IMAGES: Figure 4-19B.dwg
DRAWING NAME: J:\CAD\United Illuminating\English Station\263951\Subsurface Site Investigation-000001\Figure 4-19B Rev 4.dwg -- PLOT DATE: June 14, 2017 - 5:12PM -- LAYOUT: Figure 4.19B

Concrete Pad P02




5CO-016 5CO-017 5CO-018
5CO-013 5CO-014 5CO-015

Line drawn to show
that Pad P02 and Pad
P04 are not adjacent.

Concrete Pad P04

5AS-038 5AS-037 5AS-036 5AS-039 5AS-035 [1.1] 5AS-034 5AS-033
5AS-014 5AS-015 5AS-016 [1.4]
5AS-026 5AS-027 5AS-028 5AS-029 [1.9] 5AS-030 [4.1] 5AS-031 5AS-032

LEGEND

-  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


NOTE:

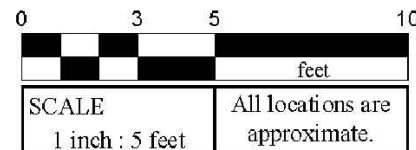
- Concrete pad P02 is elevated.


SOURCE:

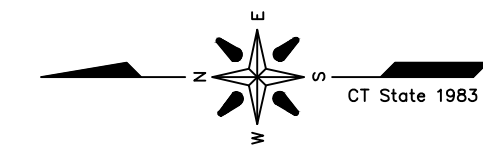
Figure A5.2: PCB Area 5.2: Asphalt and Concrete Sample Points at Concrete Pads P02 and P04.
Project: AEI-00T-030e
Location: English Station
Grand Avenue, New Haven, Connecticut
Date: February 2005
By Advanced Environmental Interface, Inc.

LEGEND

 5AS-026 [1.9]
Asphalt or Concrete Sample Point - AEI
PCB Criterion Exceedance in Milligrams Per Kilogram



4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY	MM
NO.	BY	DATE	REVISION	APPD.
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut				
TITLE: PCB Area 5.2: Historic Asphalt and Concrete Sample Locations at Concrete Pads P02 and P04				
DRAWN BY: KDH		PROJ NO.: 263951-000001-000000		
CHECKED BY: RG		Figure 4-19B		
APPROVED BY: MM				
DATE: 10/07/2016				
		21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com		
FILE NO.:		Figure 4-19B Rev 4.dwg		

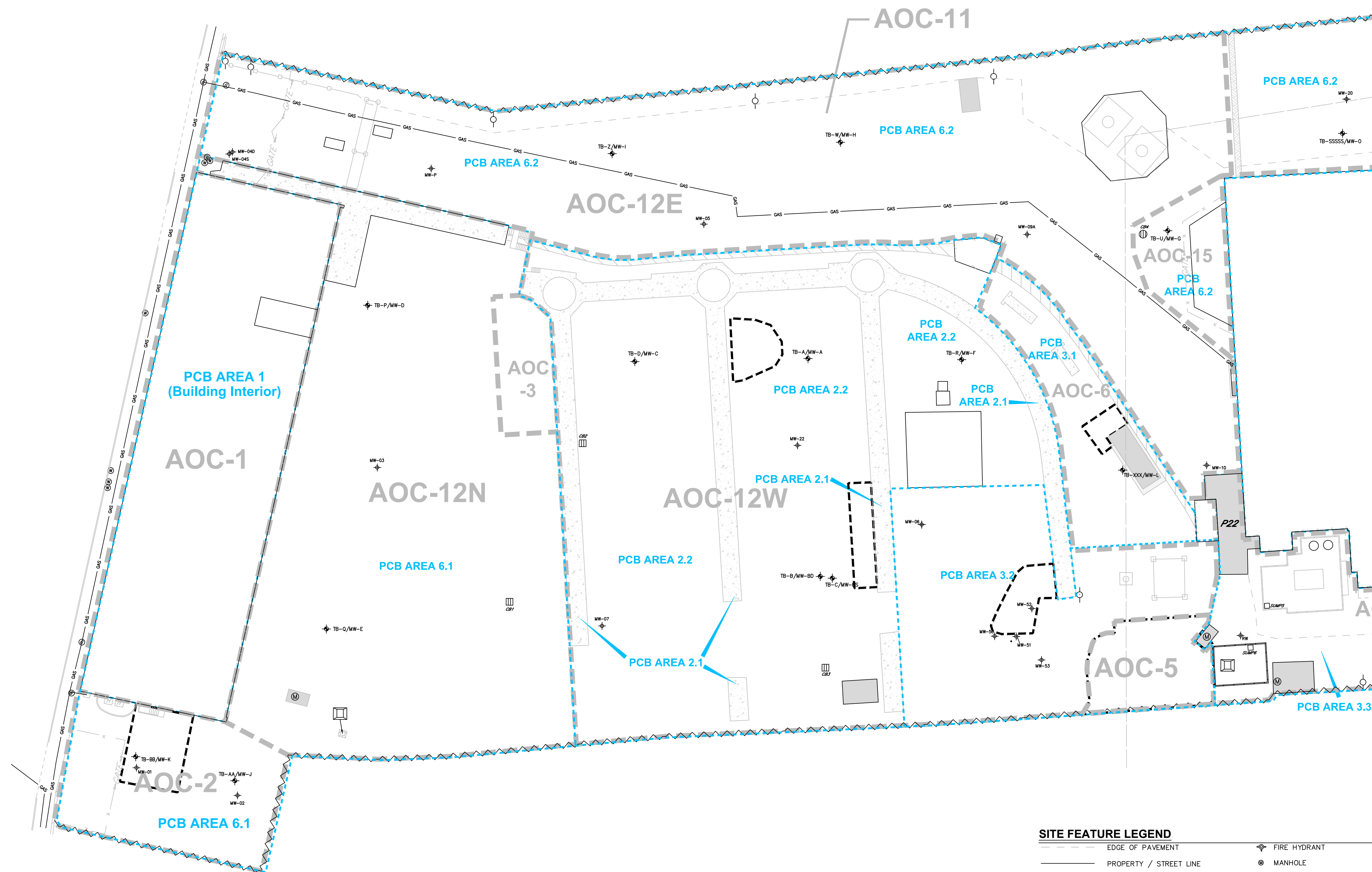


General Notes for Figures 4.2A and 4.2B

- [1] Several base maps were used for site features and Sample Point locations. These contain some discrepancies that have not been resolved. Locations are approximate.
- [2] Not all structural details have been shown within buildings and enclosures.
- [3] Most Sample Point locations were field-located and have not been surveyed. Not all Sample Points are mapped.
- [4] Godfrey-Hoffman Associates, LLC supplied a General Location Survey base map: Project 01-182; January 4, 2002 with revisions to June 21, 2002; scale 1 inch = 40 feet.
- [5] These Figures are not intended for construction purposes.

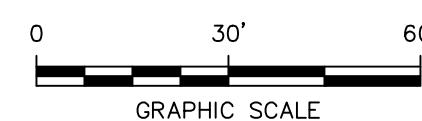
PCB Investigation Areas

- PCB Area 1: Station B Interior**
Area 1.1 Mezzanine and First Floor, except Annex III
Area 1.2 Former Annex III
Area 1.3 Basement
- PCB Area 2: Former Coal Yard**
Area 2.1 Elevated Railroad Tracks and Foundations
Area 2.2 Remainder of Former Coal Yard
- PCB Area 3: Electrical Infrastructure and Excavation**
Area 3.1 Former Capacitor Area
Area 3.2 United Illuminating Remediation Area
Area 3.3 Transformer and Capacitor Area
- PCB Area 4: Southwest Corner**
Area 4.1 Former Transformer Area
Area 4.2 Storage and Shop Building Interior
Area 4.3 Transformer and Former Capacitor Area
Area 4.4 Assembly Hall Interior
- PCB Area 5: Southeast Corner**
Area 5.1 Former Dumpster Area
Area 5.2 Former Wastewater Treatment Area
Area 5.3 Oil Pump House Area
Area 5.4 Former Waste Oil Tank Area
Area 5.5 Tower GH-4 Area
Area 5.6 Former Storage Building Area
Area 5.7 Fuel Oil Tank Area
- PCB Area 6: Balance of Site, Except English Station**
Area 6.1 Former Station B Area
Area 6.2 Mill River East Branch Area
- PCB Area 7: English Station Interior**




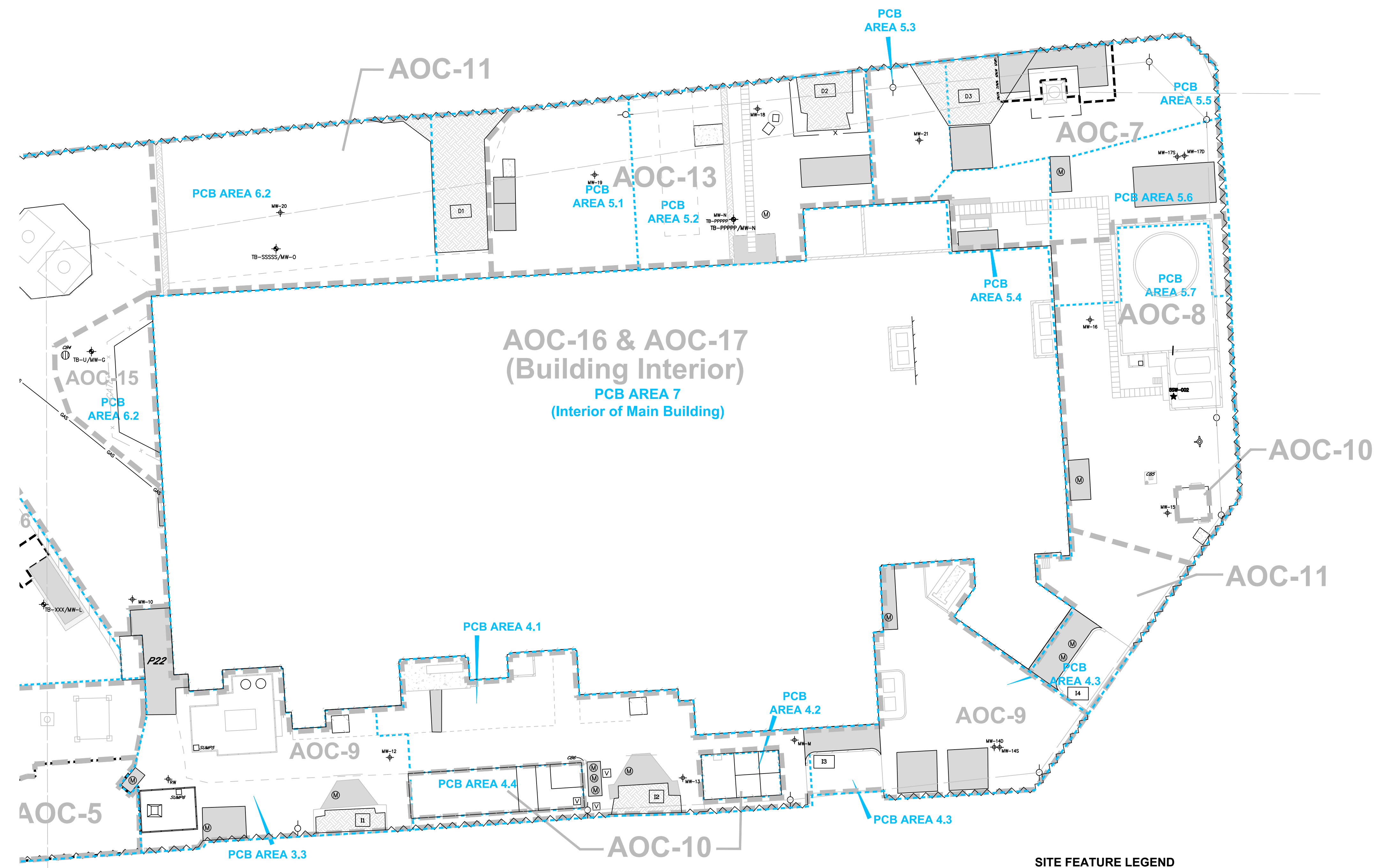
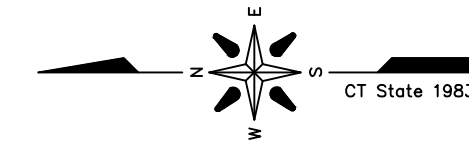
SITE FEATURE LEGEND

- | | | | |
|-------|---|---|---|
| --- | EDGE OF PAVEMENT | ⚡ | FIRE HYDRANT |
| --- | PROPERTY / STREET LINE | ⊙ | MANHOLE |
| - X - | CHAIN LINK FENCE | ⌘ | VAULT |
| --- | GUARDRAIL | ⌘ | HATCHWAY |
| --- | NEW BULKHEAD | ⌘ | INTAKE CHANNEL |
| --- | GAS LINE | ⌘ | DISCHARGE CHANNEL |
| --- | OVERHEAD WIRE | ⌘ | TRANSFORMER |
| --- | CONCRETE WALL | ⊙ | CIRCUIT BREAKER |
| --- | APPROXIMATE EXTENT OF PREVIOUS EXCAVATION | ⌘ | CATHODIC BULKHEAD PROTECTION DEVICE |
| --- | PCB AREA BOUNDARY | ⌘ | SOIL SAMPLE FROM GROUND WATER MONITORING WELL |
| --- | AOC BOUNDARY | ⌘ | SOIL SAMPLE FROM GROUND WATER MONITORING WELL - INSTALLED BY OTHERS |
| --- | PIPE TRENCH | | |
| --- | EXISTING BUILDING | | |
| --- | CONCRETE PAD | | |
| --- | CONCRETE PAD (ELEVATED) | | |
| --- | ASPHALT APRON | | |
| --- | RECENT FILL | | |
| --- | WATER GATE | | |
| --- | GAS GATE | | |
| --- | ROUND CATCH BASIN | | |
| --- | RECTANGULAR CATCH BASIN | | |
| --- | UTILITY POLE | | |



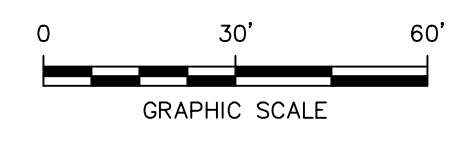
SOURCE:
MAP TITLED "FIGURE 3N, MASS ANALYSIS PCB SAMPLE POINT LOCATIONS-NORTH, PREPARED FOR QUINNIPIAC ENERGY, LLC., ENGLISH STATION, 510 GRAND AVENUE, NEW HAVEN, CT." DATED: 3/1/10, SCALE: 1"=20', BY ADVANCED ENVIRONMENTAL INTERFACE, INC.

4	RG	6/13/17	ADJUSTED SITE LOCATION PER GODFREY+HOFFMAN 11/28/16 SURVEY					MM	
1	RG	1/9/17	FIGURE ADDED TO SCOPE OF STUDY					MM	
NO.	BY	DATE	REVISION					APPD.	
PROJECT:			UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut						
TITLE:			HISTORIC MONITORING WELL LOCATIONS - PARCEL A						
DRAWN BY:		KDH	PROJ. NO.:		263951-000001-000000				
CHECKED BY:		RG	FIGURE 4-21A						
APPROVED BY:		ST							
DATE:		10/07/2016							
			21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com						
FILE NO.:			Plate-1 Rev-4.dwg						



SITE FEATURE LEGEND

- | | | | |
|-------|---|---|---|
| — | EDGE OF PAVEMENT | ⚡ | FIRE HYDRANT |
| — | PROPERTY / STREET LINE | ⊙ | MANHOLE |
| — X — | CHAIN LINK FENCE | ⊞ | VAULT |
| — □ — | GUARDRAIL | ⊞ | HATCHWAY |
| — | NEW BULKHEAD | ⊞ | INTAKE CHANNEL |
| — | GAS LINE | ⊞ | DISCHARGE CHANNEL |
| — | OVERHEAD WIRE | ⊞ | TRANSFORMER |
| — | CONCRETE WALL | ⊞ | CIRCUIT BREAKER |
| — | APPROXIMATE EXTENT OF PREVIOUS EXCAVATION | ⊞ | CATHODIC BULKHEAD PROTECTION DEVICE |
| — | PCB AREA BOUNDARY | ⊞ | SOIL SAMPLE FROM GROUND WATER MONITORING WELL |
| — | AOC BOUNDARY | ⊞ | SOIL SAMPLE FROM GROUND WATER MONITORING WELL — INSTALLED BY OTHERS |
| — | PIPE TRENCH | | |
| ▨ | EXISTING BUILDING | | |
| ▨ | CONCRETE PAD | | |
| ▨ | CONCRETE PAD (ELEVATED) | | |
| ▨ | ASPHALT APRON | | |
| ▨ | RECENT FILL | | |
| ⊙ | WATER GATE | | |
| ⊙ | GAS GATE | | |
| ⊙ | ROUND CATCH BASIN | | |
| ⊞ | RECTANGULAR CATCH BASIN | | |
| ⊞ | UTILITY POLE | | |




- General Notes for Figures 4.21A and 4.21B**
- Several base maps were used for site features and Sample Point locations. These contain some discrepancies that have not been resolved. Locations are approximate.
 - Not all structural details have been shown within buildings and enclosures.
 - Most Sample Point locations were field-located and have not been surveyed. Not all Sample Points are mapped.
 - Godfrey-Hoffman Associates, LLC supplied a General Location Survey base map: Project 01-182; January 4, 2002 with revisions to June 21, 2002; scale 1 inch = 40 feet.
 - These Figures are not intended for construction purposes.

PCB Investigation Areas

- PCB Area 1: Station B Interior**
- Area 1.1 Mezzanine and First Floor, except Annex III
 - Area 1.2 Former Annex III
 - Area 1.3 Basement
- PCB Area 2: Former Coal Yard**
- Area 2.1 Elevated Railroad Tracks and Foundations
 - Area 2.2 Remainder of Former Coal Yard
- PCB Area 3: Electrical Infrastructure and Excavation**
- Area 3.1 Former Capacitor Area
 - Area 3.2 United Illuminating Remediation Area
 - Area 3.3 Transformer and Capacitor Area
- PCB Area 4: Southwest Corner**
- Area 4.1 Former Transformer Area
 - Area 4.2 Storage and Shop Building Interior
 - Area 4.3 Transformer and Former Capacitor Area
 - Area 4.4 Assembly Hall Interior
- PCB Area 5: Southeast Corner**
- Area 5.1 Former Dumpster Area
 - Area 5.2 Former Wastewater Treatment Area
 - Area 5.3 Oil Pump House Area
 - Area 5.4 Former Waste Oil Tank Area
 - Area 5.5 Tower GH-4 Area
 - Area 5.6 Former Storage Building Area
 - Area 5.7 Fuel Oil Tank Area
- PCB Area 6: Balance of Site, Except English Station**
- Area 6.1 Former Station B Area
 - Area 6.2 Mill River East Branch Area
- PCB Area 7: English Station Interior**

SOURCE:
MAP TITLED "FIGURE 3S, MASS ANALYSIS PCB SAMPLE
POINT LOCATIONS-SOUTH, PREPARED FOR QUINNIPIAC
ENERGY, LLC, ENGLISH STATION, 510 GRAND AVENUE,
NEW HAVEN, CT." DATED: 3/1/10, SCALE: 1"=20', BY
ADVANCED ENVIRONMENTAL INTERFACE, INC.

4	RG	3/13/17	ADJUSTED SITE LOCATION PER GODFREY-HOFFMAN 11/28/16 SURVEY				MM
1	RG	1/9/17	FIGURE ADDED TO SCOPE OF STUDY				MM
NO.		BY		DATE		REVISION	
						APP'D.	
PROJECT: UNITED ILLUMINATING ENGLISH STATION POWER PLANT 510 Grand Avenue New Haven, Connecticut							
TITLE: HISTORIC MONITORING WELL LOCATIONS - PARCEL B							
DRAWN BY:		KDH		PROJ. NO.:		263951-000001-000000	
CHECKED BY:		RG		FIGURE 4-21B			
APPROVED BY:		ST					
DATE:		10/07/2016					
				21 Griffin Road North Windsor, CT 06095 Phone: 860.298.9692 www.trcsolutions.com			
FILE NO.:				Plate-1 Rev-4.dwg			

