TOP 1/2-INCH OF SLAB	7.2
BOTTOM 1/2-INCH OF SLAB	2.5
UPPER 6-INCHES SUBSLAB SOIL	ND

TOP 1/2-INCH OF SLAB	2.2
BOTTOM 1/2-INCH OF SLAB	7.8
UPPER 6-INCHES SUBSLAB SOIL	ND

TOP 1-INCH OF SLAB	2.6
BOTTOM 1-INCH OF SLAB	ND
UPPER 6-INCHES SUBSLAB SOIL	NS

POST-MILLING DELINEATION SAMPLING AREA. CONTRACTOR SHALL COLLECT SAMPLES SURROUNDING B-38 ON A 10-FOOT GRID. COLLECT DELINEATION SAMPLES FROM BOTTOM OF SLAB AT EACH GRID CORNER POINT, AND FROM SUBSLAB SOIL AT GRID CENTER. DO NOT COMPOSITE SAMPLES. PROVIDE PERFORMANCE-BASED REMEDIATION AND CONFIRMATORY SAMPLING AS REQUIRED IN THE SIP (≥1 PPM TOTAL PCBs). COMPOSITING OF LIKE MATERIALS (SOIL OR CONCRETE) SHALL BE ACCEPTABLE FOR CONFIRMATORY SAMPLES.

TOP 1/2-INCH OF SLAB	37.6
BOTTOM 1/2-INCH OF SLAB	1.4
UPPER 6-INCHES SUBSLAB SOIL	0.6

PRE-MILLING REMEDIATION (SLAB SECTION REMOVAL) AND CONFIRMATORY SAMPLING REQUIRED. COLLECT SUB-SLAB SAMPLES WHERE INDICATED ON FIGURE 2 (CS-4A, CS-4B, CS-10A, CS-10B, CS-10C). COLLECT CONCRETE SAMPLES FROM BOTTOM OF SLAB ALONG SIDEWALL (WESTERN MOST SECTION OF REMAINING SLAB) AT 50-FOOT INTERVALS AND COMPOSITE.

PROPOSED SLAB CUT LINE

B-35 B-36 B-5 B-9 B-37 B-13 B-38

LUMBER STORAGE AND BOX SHOP

EXTERIOR CONCRETE PAD

SOUTH MILL EXTENSION

TRUCK DOCK

RAIL CAR DOCK

TRUCK DOCK

RAIL CAR DOCK

TRUCK DOCK

RAIL CAR DOCK

TOP 1/2-INCH OF SLAB	13.6
BOTTOM 1/2-INCH OF SLAB	1.0
UPPER 6-INCHES SUBSLAB SOIL	0.2

TOP 1-INCH OF SLAB	5.5
BOTTOM 1-INCH OF SLAB	ND
UPPER 6-INCHES SUBSLAB SOIL	NS

TOP 1-INCH OF SLAB	1.5
BOTTOM 1-INCH OF SLAB	ND
UPPER 6-INCHES SUBSLAB SOIL	NS

[BID OPTION] IF SLAB IS REMOVED, CONTRACTOR SHALL EXCAVATE SOIL FROM A 5-FOOT GRID CENTERED ON T-3-SB-1-SW-2 (SEE T&B IRAR). A MINIMUM OF 6-INCHES OF SUBSLAB SOIL SHALL BE EXCAVATED FROM GRID. COLLECT CONFIRMATORY BOTTOM SAMPLES FROM THE CENTER AND EACH CORNER OF THE GRID. COMPOSITING OF CONFIRMATORY SAMPLES SHALL BE ACCEPTABLE.

T-3-SB-1-SW-2

UPPER INCH OF SUBSLAB SOIL	1.1

APPROXIMATE
SCALE: 1"=12'

[BID OPTION] IF SLAB IS REMOVED, CONTRACTOR SHALL REMOVE FOUNDATION ADJACENT TO T-1-SB-7(A) AND T-1-SB-9(A) (SEE T&B IRAR). EXCAVATE SOIL FROM 5-FOOT GRIDS CENTERED ON EACH SAMPLE POINT. EXCAVATE A MINIMUM OF 6-INCHES OF SUBSLAB SOIL FROM 48" TO 52" BELOW GRADE. COLLECT CONFIRMATORY BOTTOM SAMPLES FROM THE CENTER AND CORNERS OF THE GRID. COLLECT CONCRETE SAMPLES FROM FOUNDATIONS ADJACENT TO T-1-SB-7(A) AND T-1-SB-9(A). COMPOSITING OF LIKE MATERIALS (SOIL VS. CONCRETE) SHALL BE ACCEPTABLE.

T-1-C-COMP-C1(a)

BOTTOM 1-INCH OF SLAB	0.45

POST-MILLING REMEDIATION (SLAB SECTION REMOVAL) AND CONFIRMATORY SAMPLING REQUIRED AT T-1-C-COMP-C-1(A) AND T-1-C-COMP #3 (SEE T&B IRAR). FOR EACH SUB-AREA CUT 2.5-FOOT PERIMETER AS SHOWN. REMOVE CUT CONCRETE. COLLECT CONCRETE SAMPLES FROM BOTTOM OF SLAB AT 5-FOOT INTERVALS ALONG NEWLY CREATED SIDEWALLS. COMPOSITING OF SAMPLES FROM EACH SAMPLE AREA SHALL BE ACCEPTABLE.

FOOTING

PROPOSED SLAB CUT LINE

T-1-C-COMP #3

BOTTOM 1-INCH OF SLAB	0.4

2.5'

T-1-SB-9(A)

SUBSLAB SOIL/FOUNDATION	19

T-1-SB-7(A)

SUBSLAB SOIL/FOUNDATION	190

APPROXIMATE
SCALE: 1"=12'

POST-MILLING REMEDIATION (SLAB SECTION REMOVAL) AND CONFIRMATORY SAMPLING REQUIRED AT B-19-C-COMP #1 AND B-19-C-COMP #2 (SEE T&B IRAR). CUT PERIMETER OF PREVIOUS CONCRETE PATCH. MAKE ADDITIONAL CUT 5-FOOT AROUND PERIMETER OF FIRST CUT LINE. REMOVE CONCRETE FROM BETWEEN CUTS. COLLECT CONCRETE SAMPLES FROM BOTTOM OF SLAB AT 5-FOOT INTERVALS ALONG EACH NEWLY CREATED SIDEWALL. COMPOSITE SAMPLES FROM SOUTH AND EAST WALLS AND NORTH AND WEST WALLS.

B-19-COMP #1

BOTTOM 1-INCH OF SLAB	0.55

NORTH MILL EXTENSION

B-19-COMP #2

BOTTOM 1-INCH OF SLAB	0.54

FORMER TRANSFORMER #3

PROPOSED SLAB CUT LINE

TUBE MILL BUILDING

OFFICE

MACHINE SHOP

SEE INSET "A", THIS SHEET, FOR WORK ASSOCIATED WITH ELECTRICAL ROOM INTERIOR AND EXTERIOR

ELECTRICAL ROOM

BOILER ROOM

TOP 1/2-INCH OF SLAB	39.4
BOTTOM 1/2-INCH OF SLAB	1.0
UPPER 6-INCHES SUBSLAB SOIL	0.4

B-39

FORMER TRANSFORMER #1

E4-B14

EXTERIOR SOIL	0.55

DRIVEWAY

PRE-DEMOLITION REMEDIATION (SOIL EXCAVATION) AND CONFIRMATORY SAMPLING. EXCAVATE SOILS FROM A 5-FOOT GRID CENTERED ON E4-B14 (SEE T&B IRAR). EXCAVATE A MINIMUM OF 6-INCHES OF SOIL FROM 12" TO 18" BELOW GRADE. COLLECT CONFIRMATORY BOTTOM SAMPLES FROM THE CENTER AND EACH CORNER OF THE GRID. COMPOSITING SHALL BE ACCEPTABLE.

POST-MILLING DELINEATION SAMPLING AREA. CONTRACTOR SHALL COLLECT SAMPLES SURROUNDING B-39 ON A 10-FOOT GRID. COLLECT DELINEATION SAMPLES FROM BOTTOM OF SLAB AT EACH GRID CORNER POINT, AND FROM SUBSLAB SOIL AT GRID CENTER. DO NOT COMPOSITE SAMPLES. PROVIDE PERFORMANCE-BASED REMEDIATION AND CONFIRMATORY SAMPLING AS REQUIRED IN THE SIP (≥1 PPM TOTAL PCBs). COMPOSITING OF LIKE MATERIALS (SOIL OR CONCRETE) SHALL BE ACCEPTABLE FOR CONFIRMATORY SAMPLES.

PRE-DEMOLITION REMEDIATION (SOIL EXCAVATION) AND CONFIRMATORY SAMPLING AT E1-B5, E1-B6, E1-OB4, E1-OB5, E1-OB6, E1-OB10, E1-OB-SW6 (SEE T&B IRAR). EXCAVATE A MINIMUM OF 6-INCHES OF SOIL FROM 12" TO 18" BELOW GRADE FROM A 5-FOOT GRID CENTERED ON EACH (INDIVIDUAL) SAMPLE POINT. COLLECT CONFIRMATORY BOTTOM SAMPLES FROM THE CENTER AND EACH CORNER OF THE GRID. FOR EACH SUB-AREA, COMPOSITING OF SAMPLES SHALL BE ACCEPTABLE. AT CONCRETE SAMPLE LOCATIONS E1-C2, E1-C3, E1-C7A, CUT 2.5-FOOT PERIMETER AS SHOWN. REMOVE CUT CONCRETE. COLLECT CONCRETE SAMPLES AT 5-FOOT INTERVALS ALONG NEWLY CREATED SIDEWALLS AT 18" BGS. COMPOSITING OF SAMPLES FROM EACH SAMPLE AREA SHALL BE ACCEPTABLE.

SLAB SURFACE REMEDIATION (REMOVAL OF SECTION OF SLAB SURFACE) AND CONFIRMATORY SAMPLING REQUIRED AT T4-6 PRIOR TO GENERAL SURFACE MILLING AT THIS AREA. REMOVE TOP 2-INCHES OF CONCRETE ON A 5-FOOT GRID CENTERED ON T4-6. COLLECT CONFIRMATORY CONCRETE SAMPLES FROM THE CENTER AND EACH CORNER OF THE GRID. DO NOT COMPOSITE SAMPLES.

MANUFACTURING AREA

T4-6

TOP 1-INCH OF SLAB	59
BOTTOM 1-INCH OF SLAB	ND
UPPER 6-INCHES SUBSLAB SOIL	NS

MACHINE SHOP

ELECTRICAL ROOM

BOILER ROOM

E1-C2

EXTERIOR CONCRETE (1 FT BGS)	1.3

E1-C3

EXTERIOR CONCRETE (1 FT BGS)	3.9

2.5'

E1-C7A

EXTERIOR CONCRETE (1 FT BGS)	4.2

OVERHEAD DOOR

BUILDING EXTERIOR

E1-B5

EXTERIOR SOIL (1 FT BGS)	0.69

E1-B6

EXTERIOR SOIL (1 FT BGS)	0.8

E1-OB-6

EXTERIOR SOIL (1 FT BGS)	0.57

E1-OB-4

EXTERIOR SOIL (1 FT BGS)	0.61

E1-OB-10

EXTERIOR SOIL (1 FT BGS)	0.75

E1-OB-5

EXTERIOR SOIL (1 FT BGS)	0.71

E1-OB-SW6

EXTERIOR SOIL (1 FT BGS)	1.44

INSET "A"
ELECTRICAL ROOM
SCALE: 1"=10'

LEGEND

- APPROXIMATE FOOTPRINT OF FORMER TRANSFORMER AREA
- B-37 ● HISTORICAL SOIL OR CONCRETE SAMPLING LOCATION
- HISTORICAL EXCAVATION AREA (FULL EXTENTS MAY NOT BE SHOWN IN ALL CASES)
- PROPOSED LIMITS OF AREA REQUIRING MILLING OF UPPER 1-INCH OF CONCRETE

SAMPLE DEPTH →

TOP 1/2-INCH OF SLAB	37.6
BOTTOM 1/2-INCH OF SLAB	1.4
UPPER 6-INCHES SUBSLAB SOIL	0.6

← PCB CONCENTRATION REPORTED IN mg/Kg

ND = NOT DETECTED
NS = NOT SAMPLED AND/OR ANALYZED
BGS = BELOW GROUND SURFACE

NOTES:

1) BASE MAP AFTER "AREA OF SOIL AND CONCRETE EXCAVATION AND WIDESPREAD FLOOR CONFIRMATORY SAMPLING LOCATIONS", PREPARED BY TIGHE & BOND, MAY 6, 2004, SCALE AS NOTED (SCANNED ELECTRONICALLY FROM PAPER COPY).
2) SITE FEATURES AND SAMPLE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED/ESTABLISHED BY CONTRACTOR AS SPECIFIED.
3) T&B IRAR REFERS TO TIGHE & BOND'S INTERIM REMEDIAL ACTION REPORT (SEPTEMBER 2014).
4) IF SPECIFIED IN BID/CONTRACT DOCUMENTS, COLLECTION AND ANALYSIS OF DELINEATION AND CONFIRMATORY SAMPLES SHALL BE PERFORMED BY ENGINEER, WITH ASSISTANCE FROM CONTRACTOR.
5) ALL PCB REMEDIATION AND WASTE DISPOSAL SHALL BE COMPLETED IN ACCORDANCE WITH THE EPA-APPROVED MODIFIED SELF-IMPLEMENTING PHASE III PCB REMEDIATION PLAN (SIP) AND EPA/ENGINEER APPROVED SUBMITTALS.

0 50' 100'
APPROXIMATE GRAPHIC SCALE

TRC
21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

CENTURY ENTERPRISE CENTER
NEW MILFORD, CONNECTICUT

FIGURE 3
PROPOSED AREAS FOR ADDITIONAL PCB REMEDIATION

Date: 01/21/15 | Project No. 220697-000003-000000

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Plate-1.dwg Layout:Figure 3 January 21, 2015-10:11AM KHollenbeck